WKE | JUNE 2026

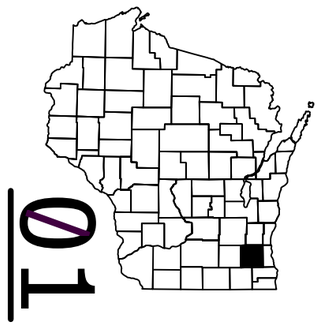
PROJECT ID: WITH: **2370-00-75**

COUNTY: **WAUKESHA**

ORDER OF SHEETS

Section No.	1	Title
Section No.	2	Typical Sections and Details
Section No.	3	Estimate of Quantities
Section No.	3	Miscellaneous Quantities
Section No.	4	Right of Way Plat
~~Section No.~~	~~5~~	~~Plan and Profile~~
Section No.	6	Standard Detail Drawings
Section No.	7	Sign Plates
~~Section No.~~	~~8~~	~~Structure Plans~~
~~Section No.~~	~~9~~	~~Computer Earthwork Data~~
Section No.	9	Cross Sections

TOTAL SHEETS = 878



STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
2370-00-75	WISC 2026316	1

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED IMPROVEMENT

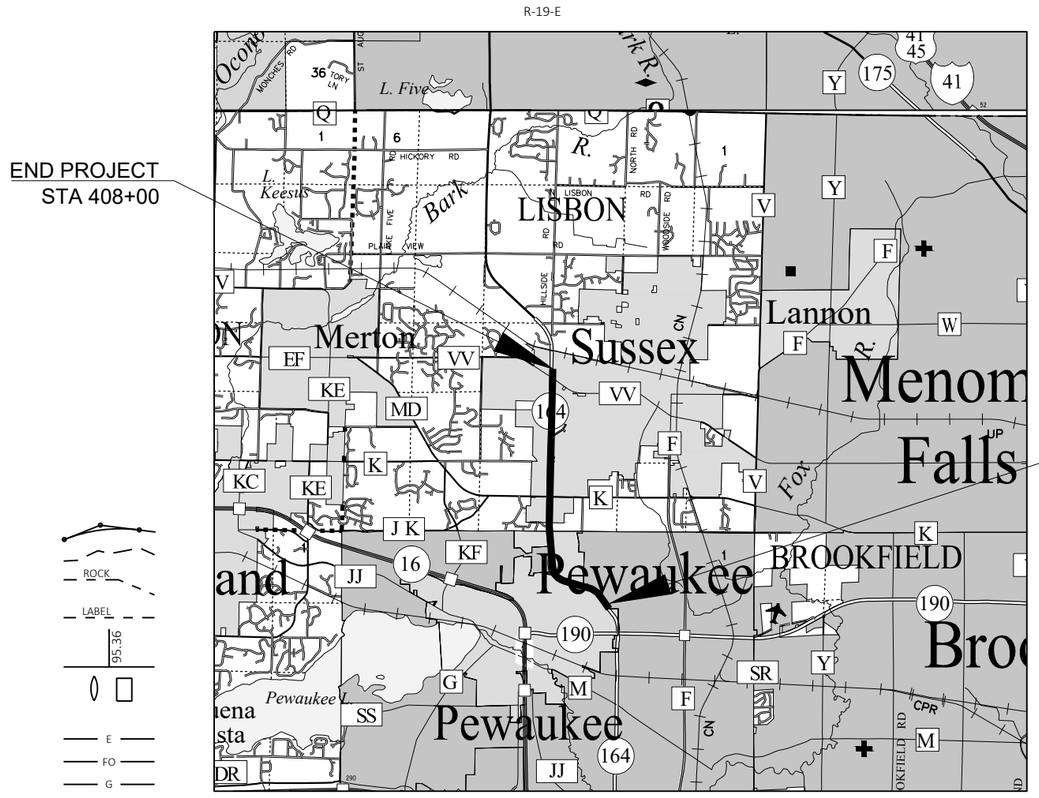
WAUKESHA - SLINGER

SWAN ROAD TO SILVER SPRING DRIVE

STH 164

WAUKESHA COUNTY

STATE PROJECT NUMBER
2370-00-75



DESIGN DESIGNATION			SOUTH OF CTH W (GOOD HOPE RD)	CTH W (GOOD HOPE RD) TO NORTH
A.A.D.T.	2026	=	20,500	14,800
A.A.D.T.	2046	=	23,600	17,600
D.H.V.		=	2,550	1,900
D.D.		=	59/41	59/41
T.		=	6.9%	6.9%
DESIGN SPEED		=	50 MPH	60 MPH
ESALS		=	3,550,000	2,300,000

LAYOUT SCALE 0 2 MI

TOTAL NET LENGTH OF CENTERLINE = 3.973 MI

HORIZONTAL POSITIONS SHOWN ON THIS PLAN ARE WISCONSIN COORDINATE REFERENCE SYSTEM (WISCRS), WAUKESHA COUNTY, NAD83 (2011), IN U.S. SURVEY FEET. POSITIONS SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES ARE THE SAME AS GROUND DISTANCES.

ELEVATIONS ARE REFERENCED TO NAVD 88 (2012). GPS DERIVED ELEVATIONS ARE BASED ON GEOID 12A.

CONVENTIONAL SYMBOLS

PLAN

- CORPORATE LIMITS
- PROPERTY LINE
- LOT LINE
- LIMITED HIGHWAY EASEMENT
- EXISTING RIGHT OF WAY
- PROPOSED OR NEW R/W LINE
- SLOPE INTERCEPT
- REFERENCE LINE (300'EB')
- EXISTING CULVERT
- PROPOSED CULVERT (Box or Pipe)
- COMBUSTIBLE FLUIDS (CAUTION)
- MARSH AREA
- WOODED OR SHRUB AREA

PROFILE

- GRADE LINE
- ORIGINAL GROUND
- MARSH OR ROCK PROFILE (To be noted as such) (ROCK)
- SPECIAL DITCH (LABEL)
- GRADE ELEVATION (95.36)
- CULVERT (Profile View)

UTILITIES

- ELECTRIC (E)
- FIBER OPTIC (FO)
- GAS (G)
- SANITARY SEWER (SAN)
- STORM SEWER (SS)
- TELEPHONE (T)
- WATER (W)
- UTILITY PEDESTAL
- POWER POLE
- TELEPHONE POLE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PREPARED BY

Surveyor	RA SMITH
Designer	DAWN MARSHALL
Project Manager	MARK WILFERT
Regional Examiner	REGIONAL EXAMINER
Regional Supervisor	JOSH LEVEQUE

APPROVED FOR THE DEPARTMENT

DATE: 2/2/2026 (Signature)

E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\010101A_TI.DWG PLOT DATE : 4/27/2026 7:29 AM PLOT BY : MARSHALL, DAWN L PLOT NAME :

UTILITY CONTACTS

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Wisconsin Department of Transportation
DTSD SE Region
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SOUTHEASTERN WISCONSIN REGIONAL PLANNING COMMISSION

Rob Merry (Chief Surveyor)
Southeastern Wisconsin Regional Planning Commission
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Phone (262) 953-4289
Cell (920) 912-1036
Fax (262) 547-1103
RMERRY@SEWRPC.ORG

ANDY TRAEGER (CONSTRUCTION COORDINATOR)
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Joyce.Murphy@dot.wi.gov

DIGGERS HOTLINE
Dial 811 or (800) 242-8511
www.DiggersHotline.com

2

GENERAL NOTES

THE LOCATIONS OF EXISTING AND PROPOSED UTILITY INSTALLATIONS AS SHOWN ON THE PLANS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN. COORDINATE CONSTRUCTION ACTIVITIES WITH A CALL TO DIGGERS HOTLINE AND/OR A DIRECT CALL TO THE UTILITIES THAT HAVE FACILITIES IN THE AREA. NOT ALL UTILITIES ARE MEMBERS OF DIGGERS HOTLINE.

CURB AND GUTTER GRADES ARE GIVEN TO THE FLANGE OF CURB AND GUTTER OR THEORETICAL FLANGE POINT OF INTEGRAL CURB AND GUTTER. CURB AND GUTTER RADII ARE MEASURED TO THE FLANGE OF CURB AND GUTTER OR THEORETICAL FLANGE POINT OF INTEGRAL CURB AND GUTTER.

FOR INLET AND CATCH BASIN STRUCTURES LOCATED IN THE CURB OR IN FRONT OF BARRIER, STATION, OFFSET, AND ELEVATIONS ARE GIVEN TO THE FLOW LINE. MH STATION, OFFSET, AND ELEVATIONS ARE GIVEN TO THE CENTER OF STRUCTURE. SEE CONSTRUCTION DETAILS.

CONTACT THE PROJECT ENGINEER AND THE SOUTHEASTERN WISCONSIN REGIONAL PLANNING COMMISSION (SEWRPC) AT LEAST TWO WEEKS PRIOR TO WORK NEAR ANY PUBLIC SURVEY MONUMENT.

VERIFY EXISTING PAVEMENT ELEVATIONS AT ALL TIE-INS TO EXISTING PAVEMENT PRIOR TO CONSTRUCTION. NOTIFY ENGINEER IF A DISCREPANCY IS FOUND BETWEEN PROPOSED PLAN ELEVATIONS AND EXISTING PAVEMENT ELEVATIONS.

CONSTRUCT PAVEMENT CONSISTENT WITH THE PLAN TYPICAL SECTIONS. LOCATE LONGITUDINAL JOINTS IN ASPHALT PAVEMENT OUTSIDE OF DRIVING, TURNING, BIKE, OR PARKING LANE UNLESS DIRECTED OTHERWISE BY THE ENG PREVENT HMA LONGITUDINAL JOINTS FROM BEING LOCATED WITHIN A DRIVING, TURNING, BIKE, OR PARKING LANE. THE CONTRACTOR'S PAVING OPERATIONS SHALL BE CONSISTENT WITH THE PLAN TYPICAL SECTIONS AND CONSTRUCTED TO PREVENT HMA LONGITUDINAL JOINTS FROM BEING LOCATED WITHIN A DRIVING, TURNING, BIKE OR PARKING LANE.

CONSTRUCT INSIDE EDGE OF SIDEWALK 1/2 INCH HIGHER THAN TOP OF CURB WHEN THEY ARE ADJACENT TO EACH OTHER.

RESHAPE, RESTORE AND FINISH ALL PREVIOUSLY GRASSED AREAS DISTURBED BY OPERATIONS OUTSIDE OF THE NORMAL CONSTRUCTION LIMITS AT NO EXPENSE TO THE DEPARTMENT

PRIOR TO THE PLACEMENT OF STEEL PLATE BEAM GUARD OR MGS GUARDRAIL, THE SHOULDERS SHALL BE IN PLACE, SHAPED AND COMPACTED UNLESS SHOWN OTHERWISE.

DO NOT REMOVE ANY TREES OR SHRUBS WITHOUT APPROVAL OF THE ENGINEER.

ALL SIGN LOCATIONS SHALL BE REVIEWED BY THE ENGINEER PRIOR TO INSTALLATION.

EXISTING DRIVEWAYS AND FIELD ENTRANCES SHALL BE RESTORED IN KIND AS DIRECTED BY THE ENGINEER IN THE FIELD AND AT THE LOCATION DETERMINED BY THE ENGINEER.

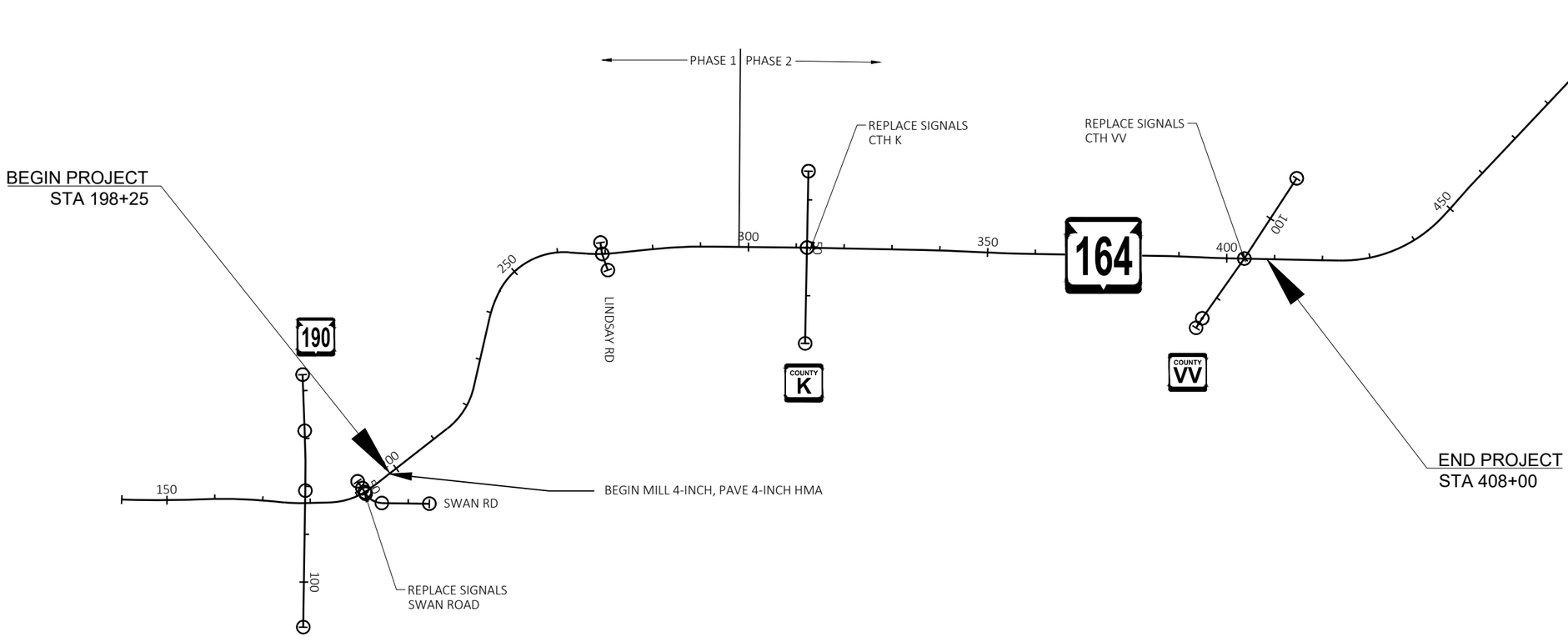
INLET AND DISCHARGE ELEVATIONS FOR DRAINAGE STRUCTURES AND PIPES SHOWN ON THE PLANS MAY BE ADJUSTED BY THE ENGINEER TO FIT EXISTING FIELD CONDITIONS.

VERIFY THE EXISTING STORM SEWER SYSTEM CONNECTION LOCATIONS AND ELEVATIONS BEFORE ORDERING DRAINAGE STRUCTURES AND PIPES. NOTIFY THE ENGINEER OF ANY DEVIATIONS FROM THE INFORMATION SHOWN ON THE PLANS BEFORE INSTALLING THE PROPOSED STORM SEWER.

ALL DISTURBED/GRADED/SOIL STOCKPILE AREAS SHALL BE PERMANENTLY RESTORED WITHIN 14-DAYS OF ANY CONTRACTOR DISTURBANCE. IF ANY DISTURBED/GRADED/SOIL STOCKPILE AREAS WILL NOT BE PERMANENTLY RESTORED WITHIN 14 DAYS, THEY SHALL RECEIVE SEED AND MULCH WITHIN 5-DAYS OF THE INITIAL DISTURBANCE. ANY WETLAND/WATERWAY WORK AREAS SHALL BE TEMPORARLY (OR PERMANENTLY) RESTORED WITHIN 48-HOURS OF ANY DISTURBANCE.

2

N

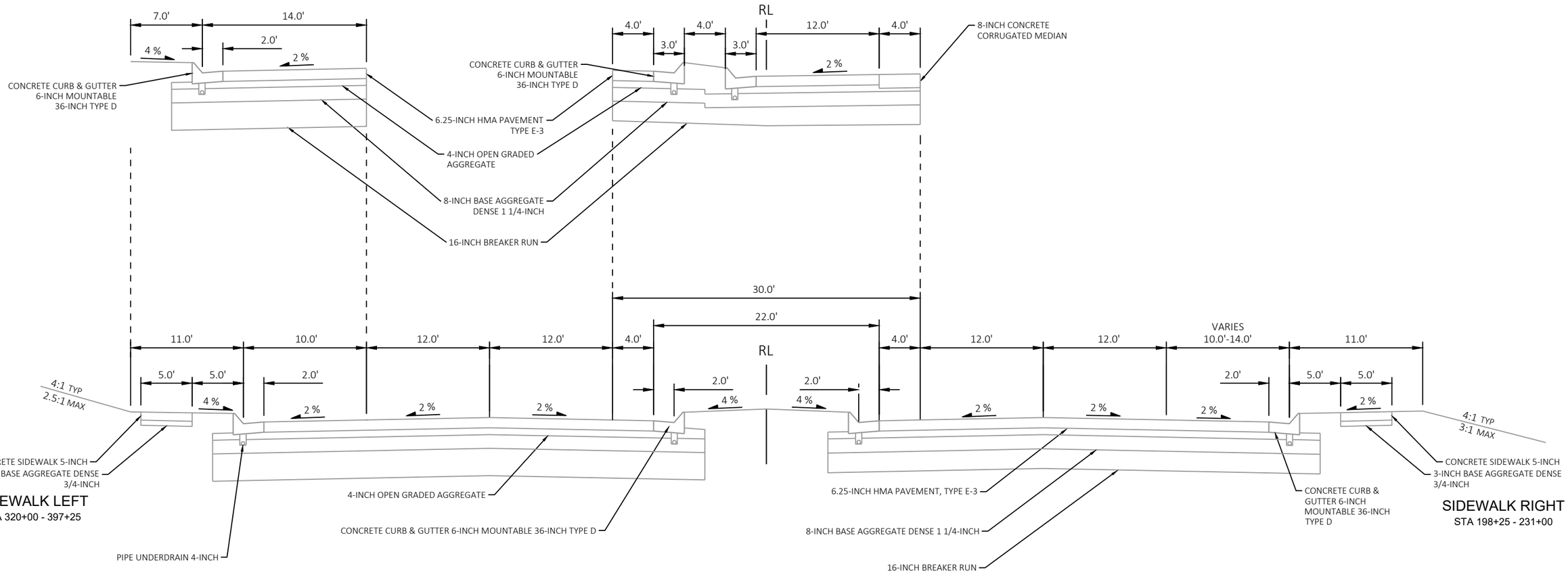


PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	PLAN OVERVIEW	SHEET 4	E

2

RIGHT TURN LANE
SB SHOWN - OPPOSITE FOR NB

LEFT TURN LANE
NB SHOWN - OPPOSITE FOR SB



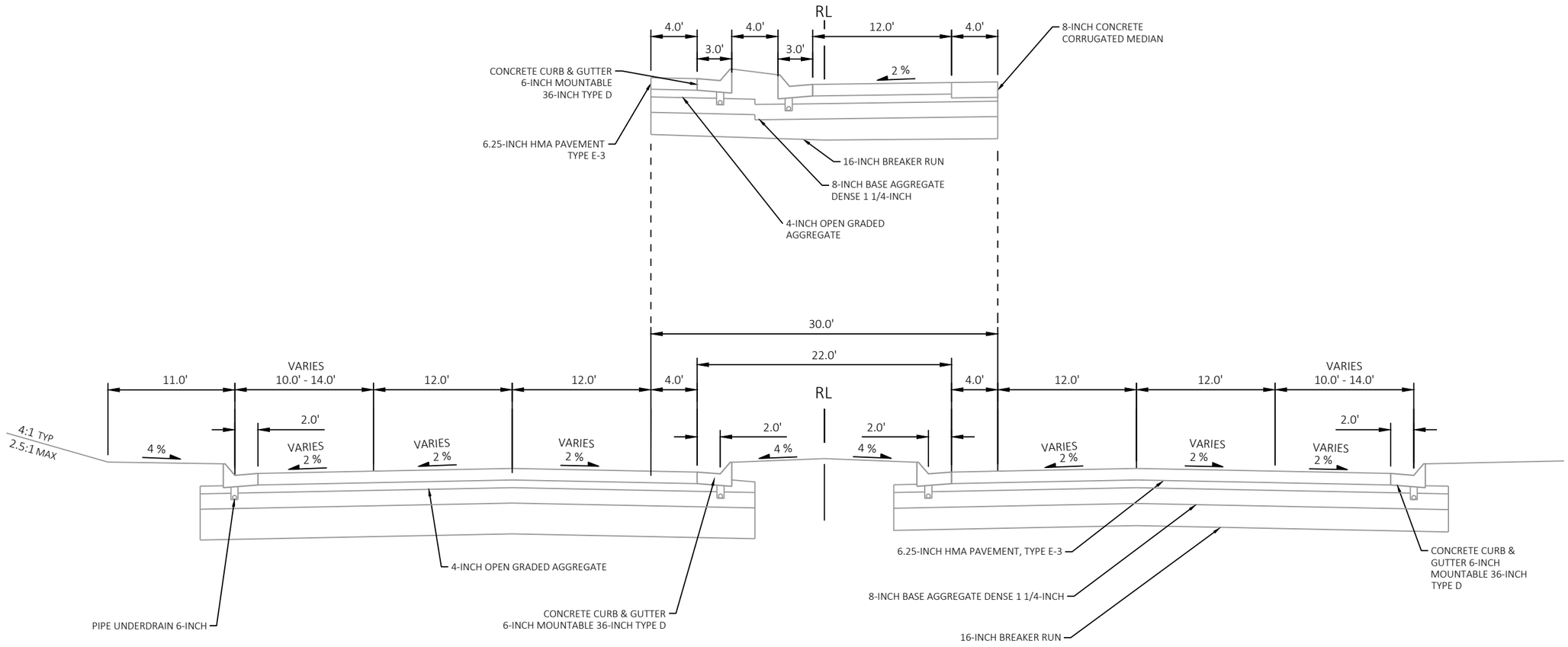
EXISTING TYPICAL SECTION
STA 198+25 - 397+25

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA AND WASHINGTON	TYPICAL SECTIONS	SHEET 5	E

2

LEFT TURN LANE

NB SHOWN - OPPOSITE FOR SB



EXISTING TYPICAL SECTION

STA 397+25 - 408+00

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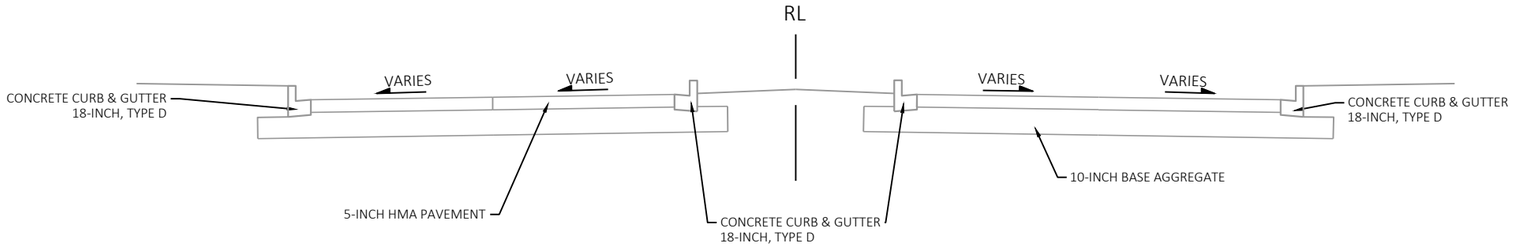
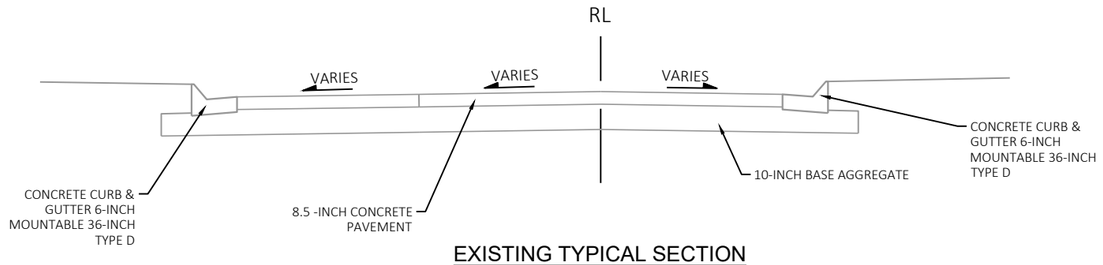
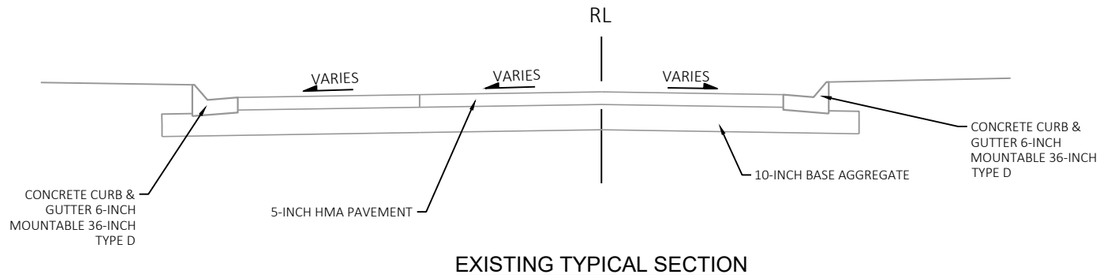


EXISTING TYPICAL SECTION
SWAN ROAD
STA 48+74- 49+28



EXISTING TYPICAL SECTION
SWAN ROAD
STA 50+50 - 50+93



EXISTING TYPICAL SECTION
SWAN ROAD
STA 50+93 - 51+13

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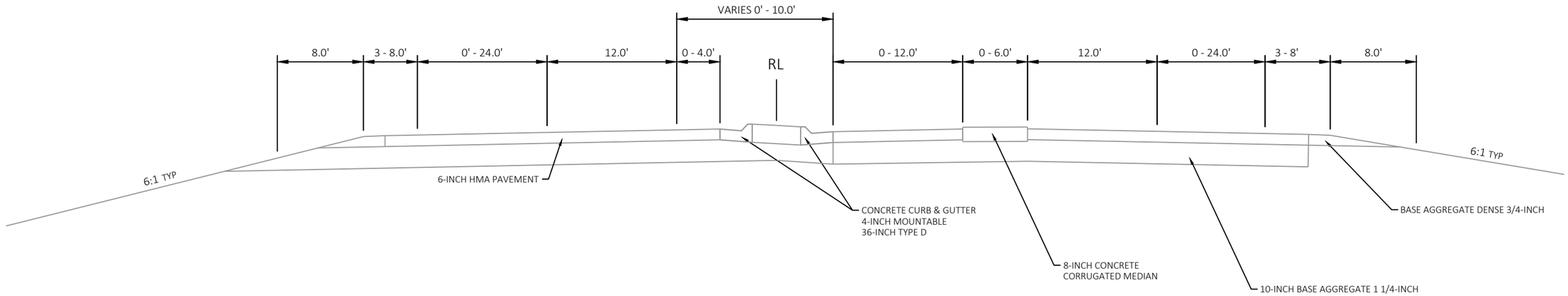
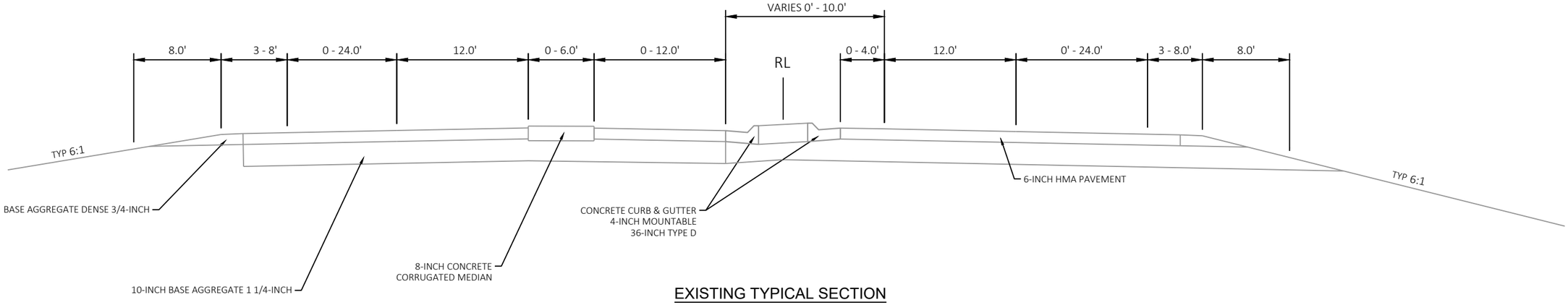


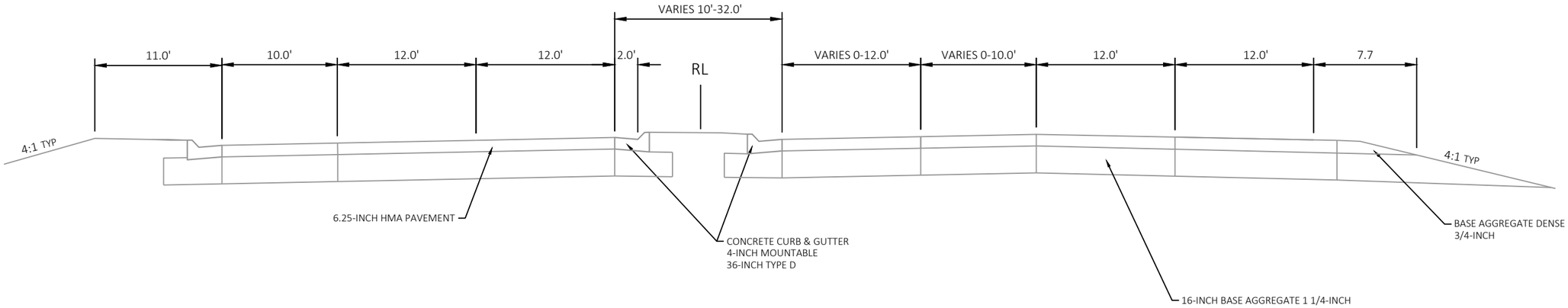
EXISTING TYPICAL SECTION

CTH K
STA 45+00 - 49+40



EXISTING TYPICAL SECTION

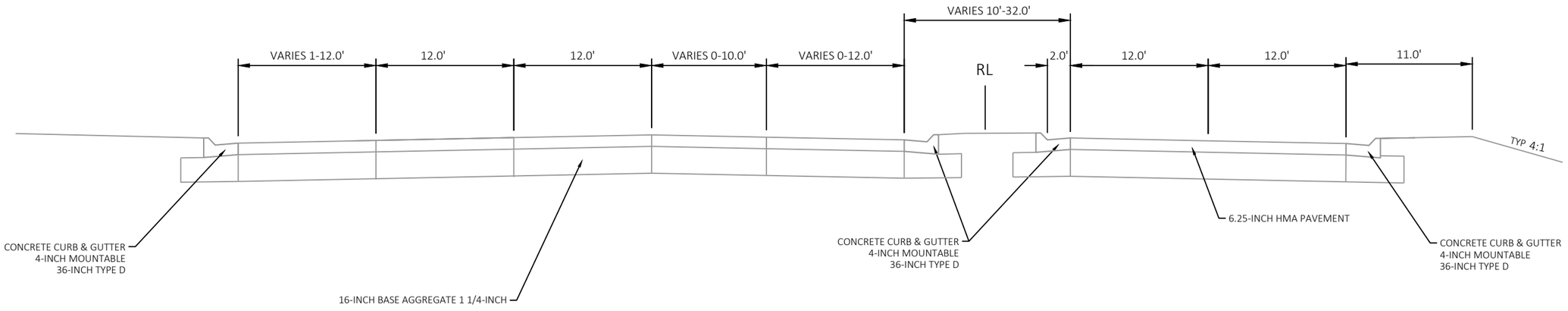
CTH K
STA 50+62 - 55+00



EXISTING TYPICAL SECTION

CTH VV

STA 105+75- 110+00



EXISTING TYPICAL SECTION

CTH VV

STA 110+00-114+75

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TYPICAL SECTIONS	SHEET 9	E

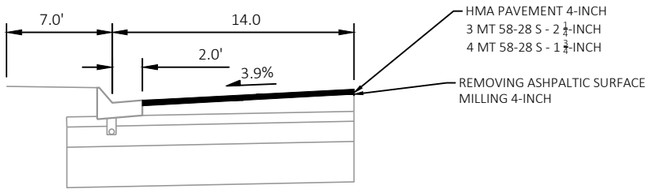
FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\020301A_TS.DWG
LAYOUT NAME - 05

PLOT DATE : 4/25/2026 8:28 AM PLOT BY : MARSHALL, DAWN L PLOT NAME : PLOT SCALE : 1 IN:10 FT

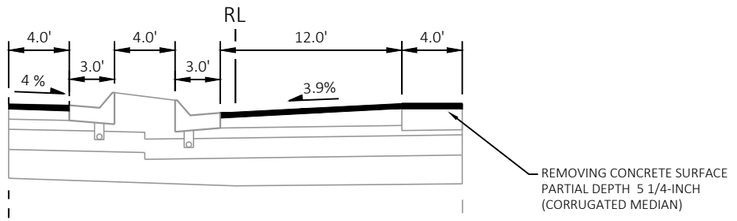
WISDOT/CADDS SHEET 42

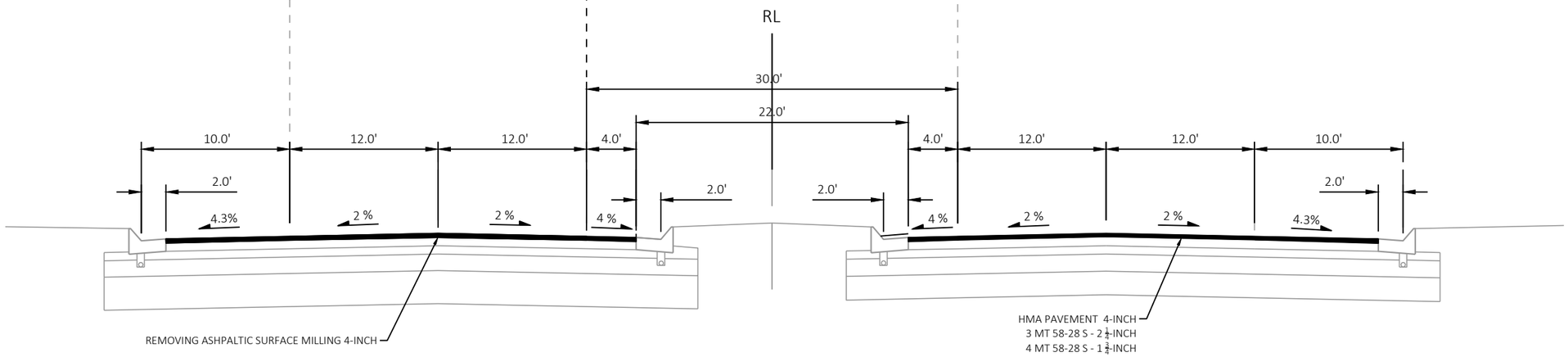
2

RIGHT TURN LANE
SB SHOWN - OPPOSITE FOR NB



LEFT TURN LANE
NB SHOWN - OPPOSITE FOR SB





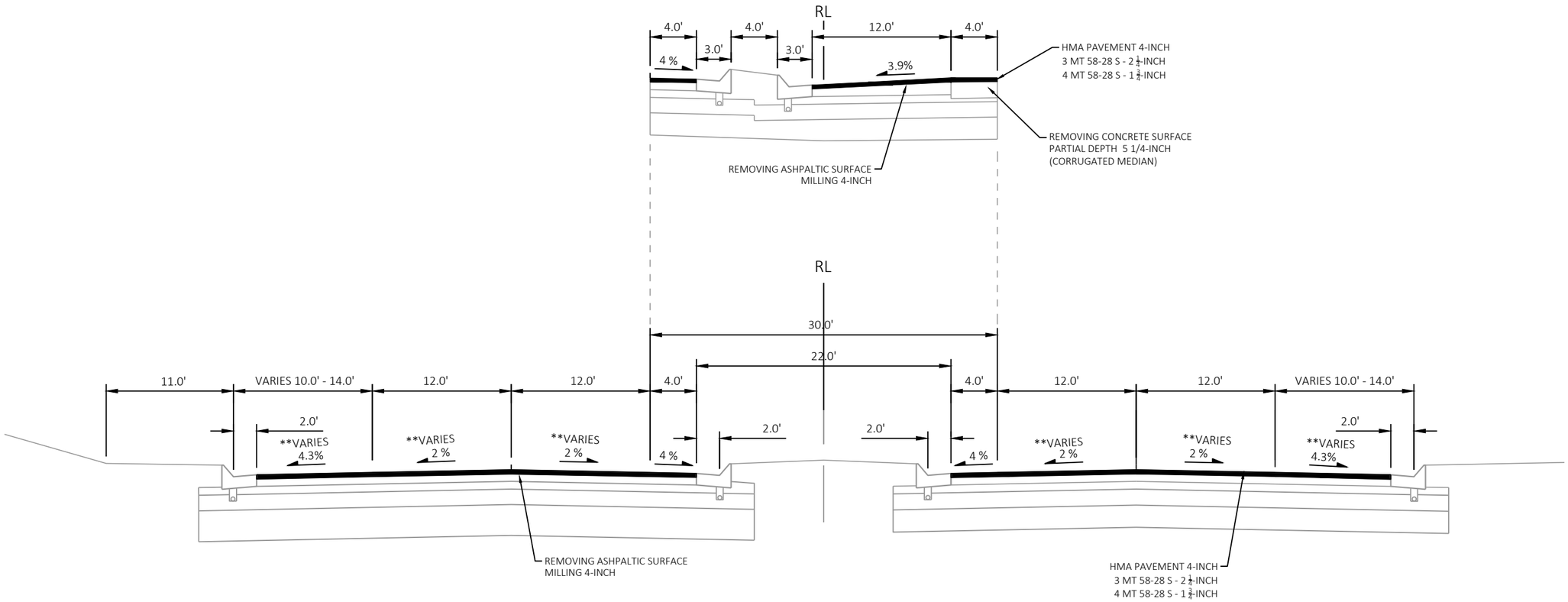
FINISHED TYPICAL SECTION
STA 198+25 - 397+25

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA AND WASHINGTON	TYPICAL SECTIONS	SHEET 10	E

2

LEFT TURN LANE

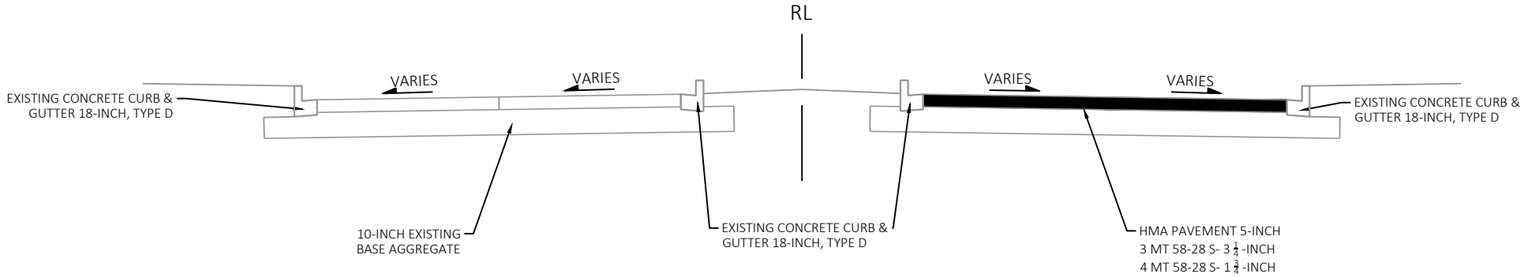
NB SHOWN - OPPOSITE FOR SB



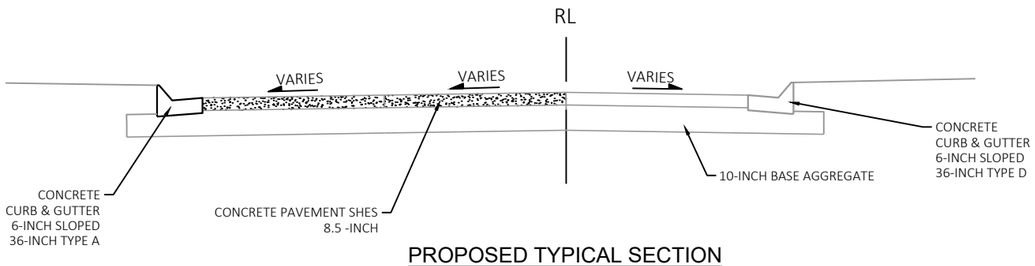
FINISHED TYPICAL SECTION

STA 397+25 - 408+00

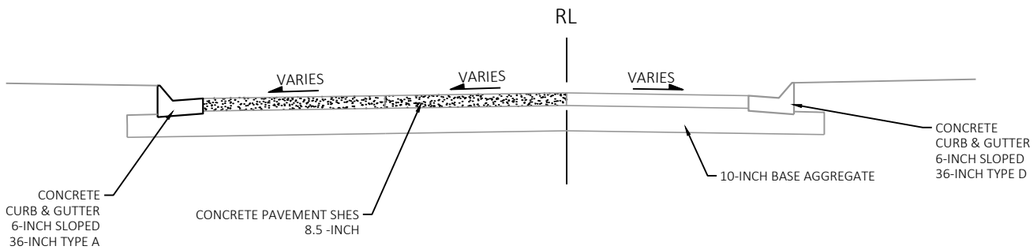
2



PROPOSED TYPICAL SECTION
SWAN ROAD
STA 48+74- 49+28

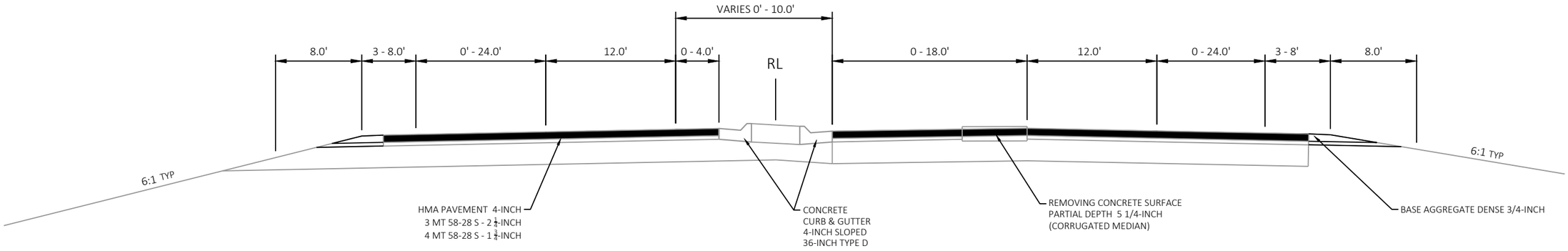


PROPOSED TYPICAL SECTION
SWAN ROAD
STA 50+50 - 50+93



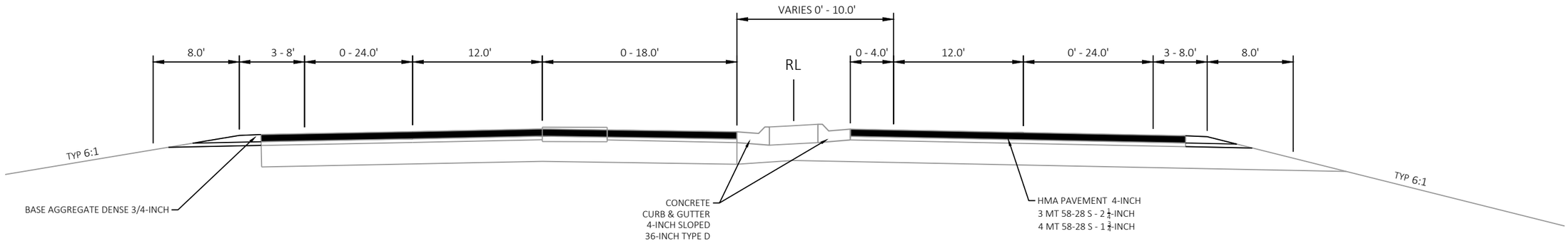
PROPOSED TYPICAL SECTION
SWAN ROAD
STA 50+93 - 51+13

2



PROPOSED TYPICAL SECTION

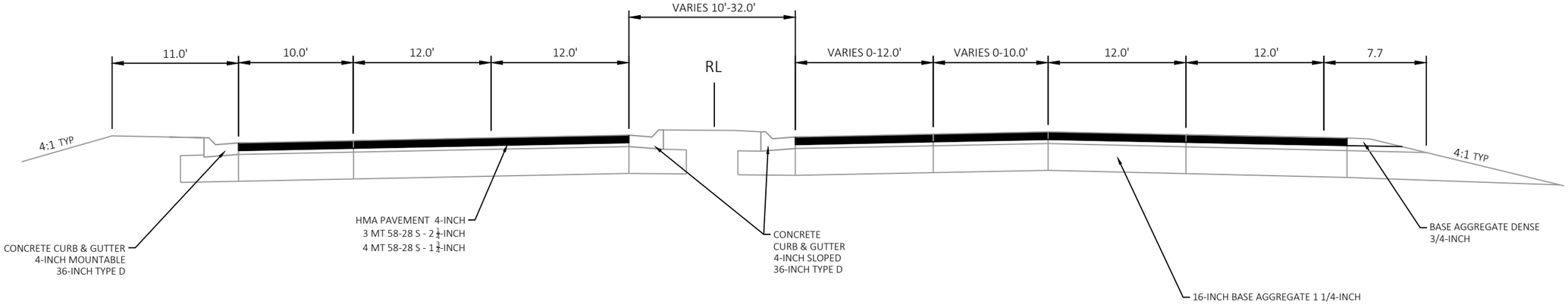
CTH K
STA 45+00 - 49+40



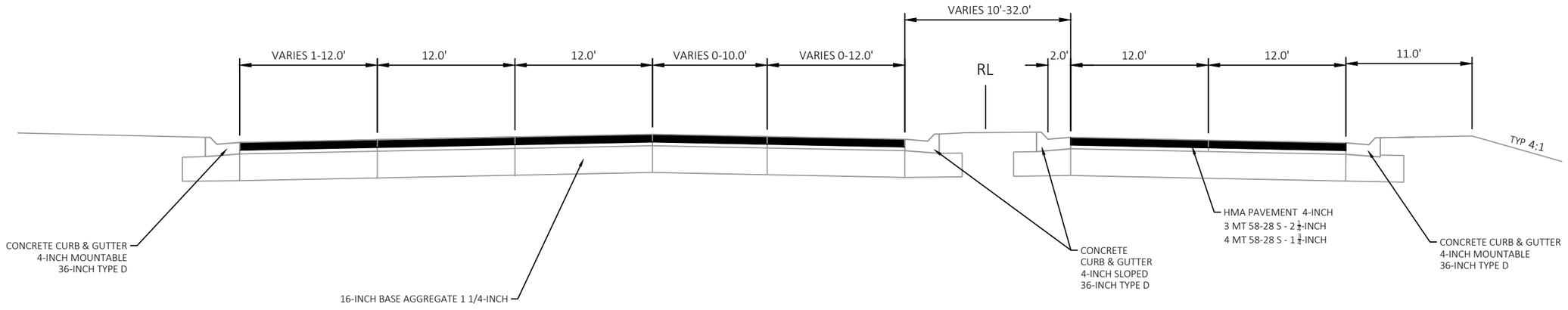
PROPOSED TYPICAL SECTION

CTH K
STA 50+62 - 55+00

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TYPICAL SECTIONS	SHEET 13	E



PROPOSED TYPICAL SECTION
CTH VV
STA 105+75- 110+00



PROPOSED TYPICAL SECTION
CTH VV
STA 110+00-114+75

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TYPICAL SECTIONS	SHEET 14	E

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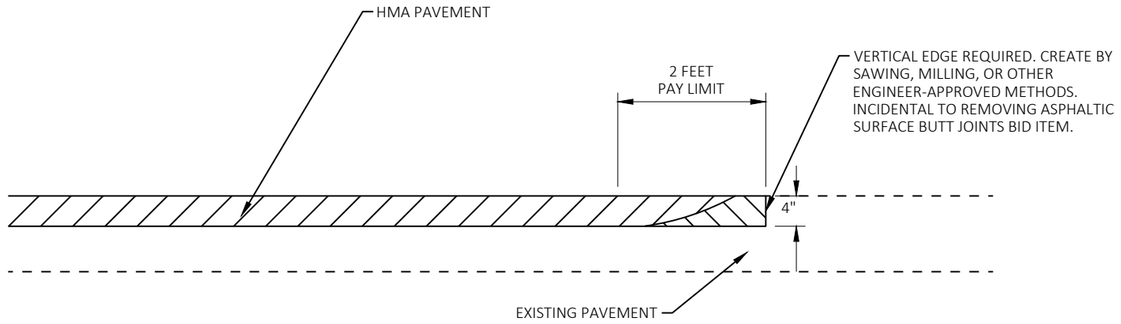
LAYOUT NAME - 11
PLOT DATE : 4/25/2026 8:28 AM
PLOT BY : MARSHALL, DAWN L
PLOT NAME :
PLOT SCALE : 1 IN:10 FT

2



REMOVE MATERIAL UNDER ITEM 'REMOVING ASPHALTIC SURFACE BUTT JOINT'

REMOVING ASPHALTIC SURFACE MILLING

BUTT JOINT - NO CHANGE IN PROFILE

REMOVING CURB AND GUTTER AND PAVEMENT TO THE LIMITS SHOWN, EXCAVATING, PREPARING THE FOUNDATION AND SHIMMING ARE INCIDENTAL TO THE ADJUSTING OR RECONSTRUCTING BID ITEMS.

THE DEPARTMENT WILL PAY SEPARATELY FOR SAWING ASPHALT, SAWING CONCRETE, CONCRETE CURB & GUTTER AND DRILLED TIE BARS.

MONOLITHIC SHIM CONCRETE, CONCRETE PLACEMENT AND FINISHING IS INCIDENTAL TO THE CONCRETE CURB & GUTTER BID ITEM.

PREVENT CONCRETE AND OTHER DEBRIS FROM FALLING INTO STRUCTURE.

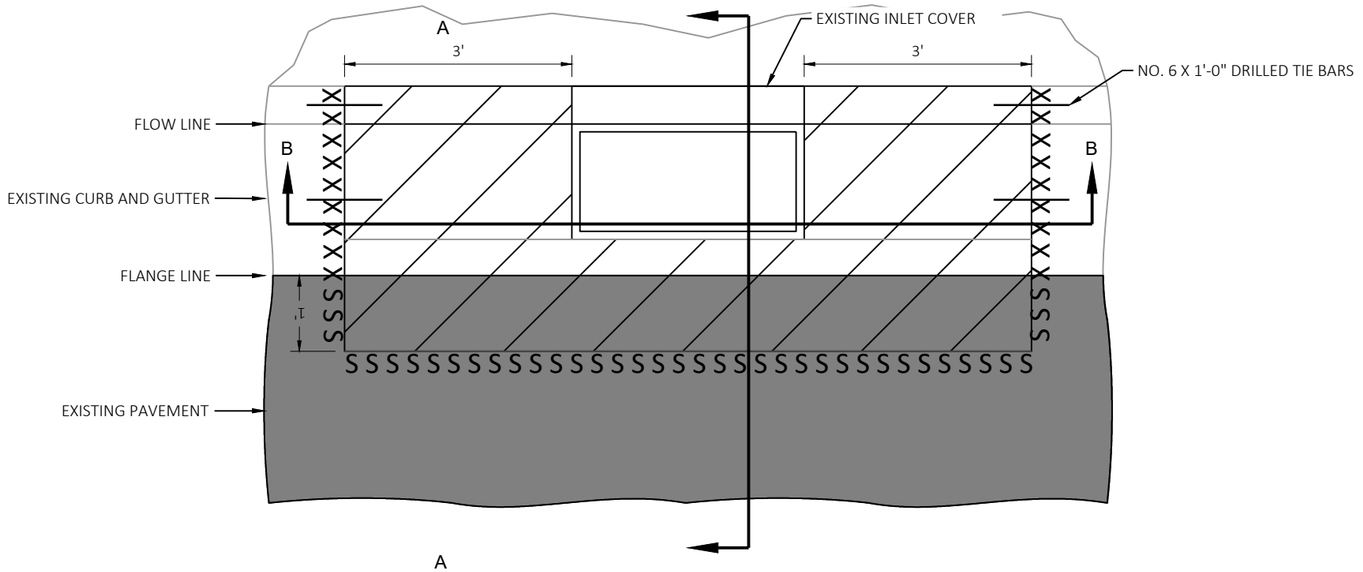
REFER TO PLAN DETAILS AND MISCELLANEOUS QUANTITIES FOR ADDITIONAL INFORMATION.

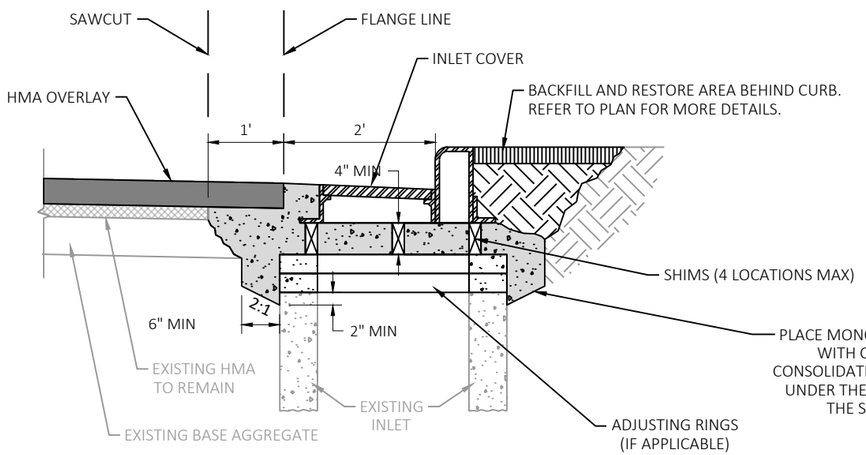
S S S SAWING ASPHALT

X X X SAWING CONCRETE

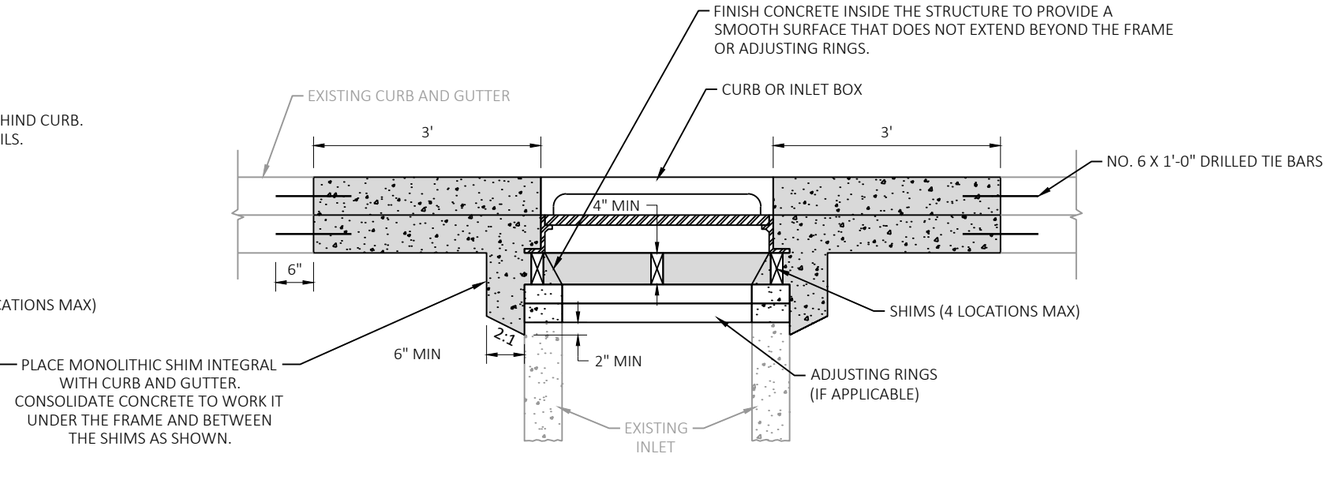
REMOVING CURB & GUTTER AND PAVEMENT

MONOLITHIC CONCRETE





SECTION A-A



SECTION B-B

ADJUSTING / RECONSTRUCTING CATCH BASINS & INLETS - MONOLITHIC SHIM

SER (20221101)

2

PRIOR TO MILLING AND PAVING.

A. SAWCUT EXISTING PAVEMENT FULL DEPTH.
B. REMOVE AND STORE MANHOLE COVER.
C. FURNISH AND INSTALL TEMPORARY COVER PLATE.
D. BACKFILL USING ASPHALT SURFACE PATCHING.

AFTER PAVING HMA LOWER LAYER(S)

A. REMOVE ASPHALTIC SURFACE PATCHING.
B. EXCAVATE AROUND MANHOLE.
C. ADJUST OR RECONSTRUCT MANHOLE AND RE-INSTALL MANHOLE FRAME AND COVER.
D. POUR MONOLITHIC CONCRETE SHIM SO CONCRETE FILLS IN VOIDS BELOW THE CASTING BETWEEN THE SHIMS.
E. PAVE UPPER LAYER HMA.

PAVEMENT REMOVAL, ASPHALT PATCH REMOVAL, EXCAVATING, PREPARING THE FOUNDATION AND SHIMMING ARE INCIDENTAL TO THE ADJUSTING OR RECONSTRUCTING BID ITEMS.

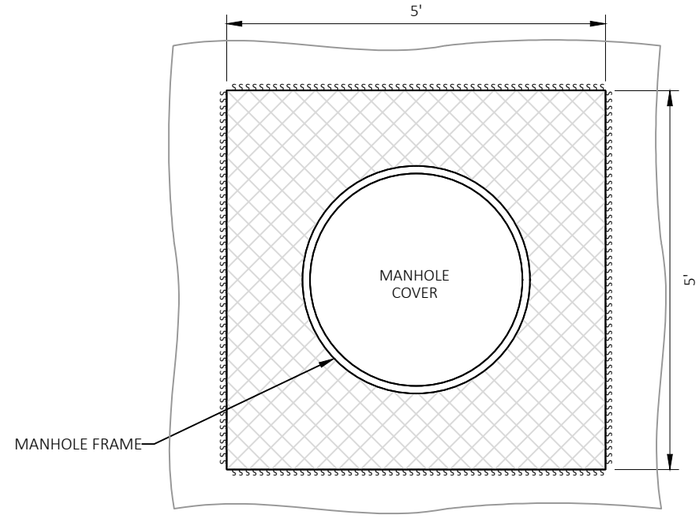
THE DEPARTMENT WILL PAY SEPARATELY FOR SAWING ASPHALT, COVER PLATES TEMPORARY, ASPHALTIC SURFACE PATCHING AND BASE PATCHING CONCRETE SHES.

MONOLITHIC SHIM CONCRETE, CONCRETE PLACEMENT AND FINISHING IS INCIDENTAL TO THE BASE PATCHING CONCRETE SHES BID ITEM.

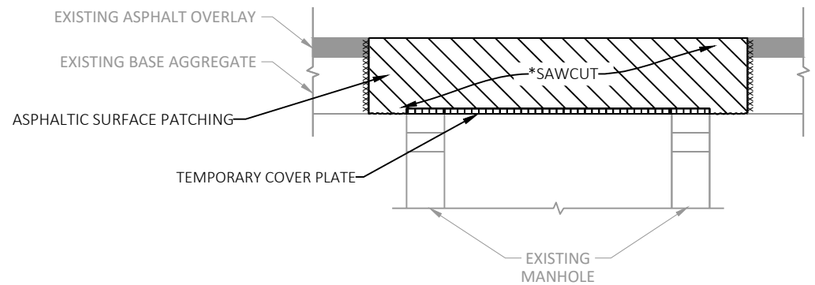
PREVENT CONCRETE AND OTHER DEBRIS FROM FALLING INTO STRUCTURE.

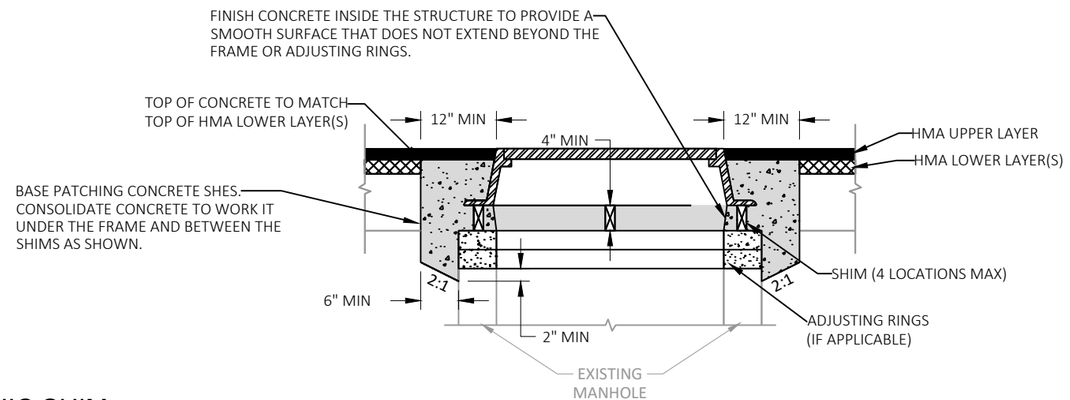
REFER TO PLAN DETAILS AND MISCELLANEOUS QUANTITIES FOR ADDITIONAL INFORMATION.

*SAWCUT WILL ONLY BE PAID ONCE. REMOVE ASPHALT SURFACE PATCHING MATERIAL TO THE ORIGINAL SAWCUT LIMITS.



PLAN VIEW





S S S SAWING ASPHALT

REMOVING PAVEMENT
(INCIDENTAL TO ADJUSTING / RECOSNTRUCTING BID ITEMS)

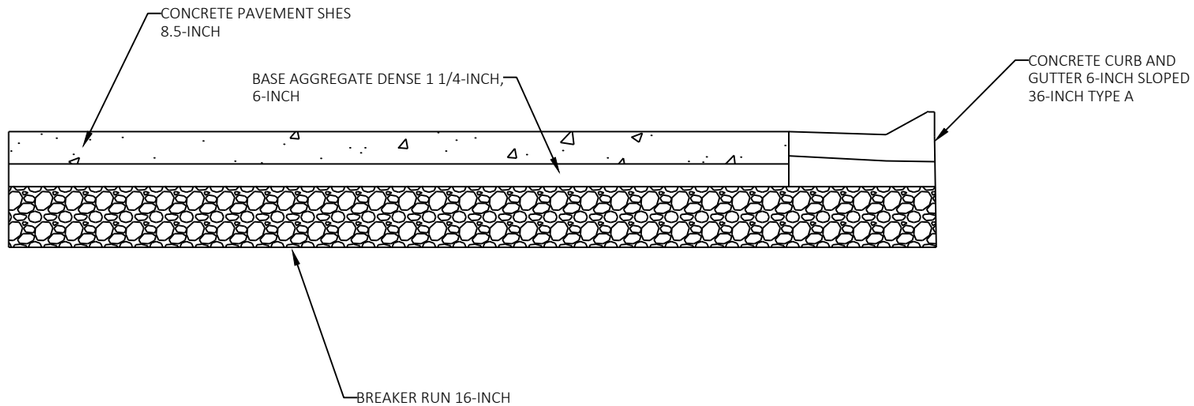
ASPHALTIC SURFACE PATCHING

MONOLITHIC CONCRETE

ADJUSTING / RECONSTRUCTING MANHOLES - MONOLITHIC SHIM

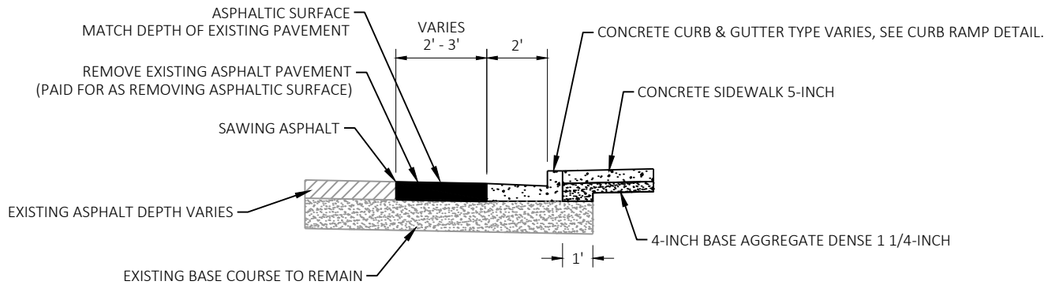
SER (20221101)

2

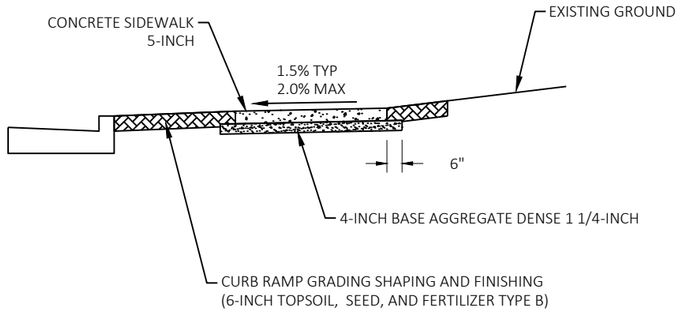


PAVEMENT STRUCTURE FOR BASE PATCH OVER TRAFFIC SIGNAL LOOPS

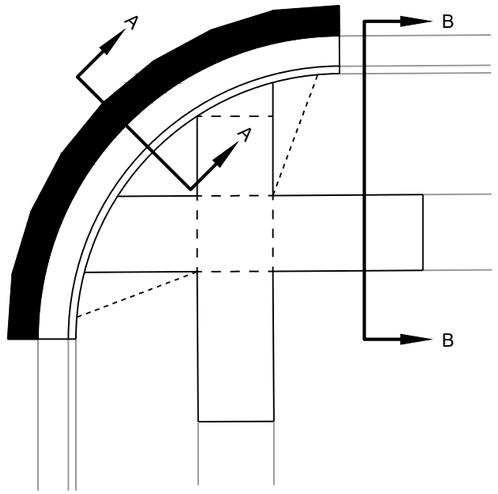
STATION 187+95 TO STATION 195+75



SECTION A-A



SECTION B-B



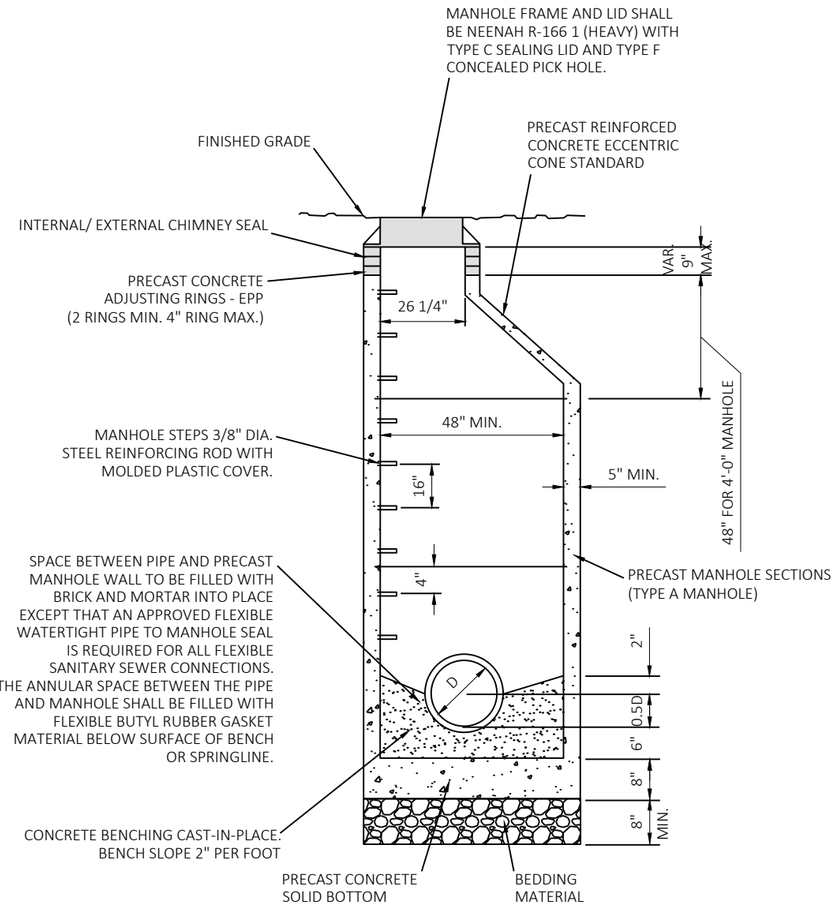
NOTES:
1. SEE CURB RAMP DETAILS FOR CURB & GUTTER SIZE AND GUTTER PAN SLOPES.
2. INSTALL 2 DRILLED TIE BARS AT EACH CONNECTION TO EXISTING CURB & GUTTER.

CURB RAMP REPLACEMENT

ADJACENT TO ASPHALT PAVEMENT

SER (20241003)

2



NOTES:

1. CONSTRUCT MANHOLE IN ACCORDANCE WITH FILE NO. 12 OF THE STATE STANDARD SPECIFICATIONS FOR SEWER AND WATER.
2. PRECAST CONCRETE OR APPROVED EQUAL, ARE REQUIRED FOR ADJUSTMENTS.
3. 1" EZ-STIK MASTIC BETWEEN ALL MANHOLE SECTIONS IS REQUIRED. INSTALL INTERNAL/ EXTERNAL CHIMNEY SEALS 9" WIDE BARREL WRAP REQ'D AT ALL JOINTS. BARREL WRAP AND ALL JOINTS MUST BE BACKPLATERED INSIDE AND OUT.
4. 8" MIN. OF BEDDING STONE UNDER BASE. ADDITIONAL BEDDING STONE MAY BE REQUIRED ON WET SUBGRADE.
5. ALL SANITARY MANHOLES SHALL BE PROVIDED WITH INTERNAL/ EXTERNAL CHIMNEY SEALS AND SELF-SEALING LIDS WITH CONCEALED PICK HOLES.
6. UNLESS NOTED ON THE PLANS, THE CONTRACTOR IS RESPONSIBLE FOR ALL MANHOLE SIZING AND SHALL PROVIDE A SHOP DRAWING BEFORE THEY ARE RELEASED FOR PRODUCTION.

FOR INFORMATION ONLY PERTAINING TO
REMOVE SANITARY SEWER STRUCTURE
AND
SALVAGE SANITARY SEWER STRUCTURE

NTS

2

2

STA 191+52.51, -124.29' LT

REMOVING ASPHALTIC SURFACE
HMA PAVEMENT
3 MT 58-28 S - 2 1/4-INCH
3 MT 58-28 S - 2 1/4-INCH
4 MT 58-28 S - 1 3/4-INCH

A CONCRETE CURB & GUTTER 18-INCH TYPE D

STA 188+06.84, 15.39' RT

STA 189+22.45, 15.25' RT

STA 190+60.06, 0.12' RT

STA 192+86.95, -10.81' LT

REMOVING CONCRETE PAVEMENT
CONCRETE PAVEMENT SHES 8 1/2-INCH

REMOVING CONCRETE PAVEMENT
CONCRETE PAVEMENT SHES 8 1/2-INCH

CONCRETE PAVEMENT SHES 8 1/2-INCH

STA 191+92.72, 109.79' RT

898.349

899.208

LEGEND

A REMOVING CURB AND GUTTER	F CURB RAMP DETECTABLE WARNING FIELD RADIAL YELLOW	XXXX SAWCUT	
B CONCRETE CURB AND GUTTER 6-INCH SLOPED 36-INCH TYPE D	G REMOVING ASPHALTIC SURFACE	R/W	
C REMOVING CONCRETE SIDEWALK	H ASPHALTIC SURFACE (3-INCH)		
D CONCRETE SIDEWALK 5-INCH	J ADJUSTING CATCH BASIN COVERS		
E CURB RAMP DETECTABLE WARNING FIELD YELLOW	K RECONSTRUCTING CATCH BASINS		

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	PLAN DETAILS	SHEET 21	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\021201A_PD.DWG
LAYOUT NAME - 10

PLOT DATE : 4/29/2026 11:58 AM PLOT BY : MARSHALL, DAWN L PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

2

REMOVING CONCRETE PAVEMENT
CONCRETE PAVEMENT REPAIR SHES 8 1/2-INCH

BEGIN PROJECT
STA 198+25

REMOVING ASPHALTIC SURFACE
BUTT JOINTS

+27.00

STA 194+45.99, -33.95' LT

STA 195+66.23, -15.50' LT

XXX

XXXX

STH 164/PEWAUKEE RD

194+00 195+00 196+00 197+00 198+00 199+00

SIGN MH INL HO GUY POST

REMOVING ASPHALTIC
SURFACE MILLING 4-INCH
HMA PAVEMENT, 4-INCH

LEGEND

A REMOVING CURB AND GUTTER	F CURB RAMP DETECTABLE WARNING FIELD RADIAL YELLOW	XXXX SAWCUT	
B CONCRETE CURB AND GUTTER 6-INCH SLOPED 36-INCH TYPE D	G REMOVING ASPHALTIC SURFACE	R/W	
C REMOVING CONCRETE SIDEWALK	H ASPHALTIC SURFACE (3-INCH)		
D CONCRETE SIDEWALK 5-INCH	J ADJUSTING CATCH BASIN COVERS		
E CURB RAMP DETECTABLE WARNING FIELD YELLOW	K RECONSTRUCTING CATCH BASINS		

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	PLAN DETAILS	SHEET 22	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\021201A_PD.DWG
LAYOUT NAME - 11

PLOT DATE : 4/29/2026 11:58 AM PLOT BY : MARSHALL, DAWN L PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- A — REMOVING CURB AND GUTTER
- B — CONCRETE CURB AND GUTTER 6-INCH SLOPED 36-INCH TYPE D
- C — REMOVING CONCRETE SIDEWALK
- D — CONCRETE SIDEWALK 5-INCH
- E — CURB RAMP DETECTABLE WARNING FIELD YELLOW
- F — CURB RAMP DETECTABLE WARNING FIELD RADIAL YELLOW
- G — REMOVING ASPHALTIC SURFACE
- H — ASPHALTIC SURFACE (3-INCH)
- J — ADJUSTING CATCH BASIN COVERS
- K — RECONSTRUCTING CATCH BASINS

XXXX SAWCUT

R/W

N

REMOVING CONCRETE SURFACE PARTIAL DEPTH 5 1/4-INCH

+27.00

+34.61

+45.27

199+00 200+00 201+00 202+00 203+00 204+00

STA 202+68.88, 23.84' RT

XXXX

STA 2

REMOVING ASPHALTIC SURFACE MILLING 4-INCH
HMA PAVEMENT, 4-INCH

POST POST POST

INL INL INL INL INL INL

SIGN SIGN SIGN SIGN SIGN SIGN SIGN

MH MH

OH POST OH

RIPRAP RIPRAP RIPRAP

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	PLAN DETAILS	SHEET 23	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\021201A_PD.DWG
LAYOUT NAME - 12

PLOT DATE : 4/29/2026 11:59 AM PLOT BY : MARSHALL, DAWN L PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

2

REMOVING ASPHALTIC SURFACE MILLING 4-INCH HMA PAVEMENT, 4-INCH

STA 207+67.60, -125.57' LT

CONCRETE CURB AND GUTTER 18-INCH TYPE D

CURB RAMP GRADING, SHAPING AND FINISHING

CURB RAMP GRADING, SHAPING AND FINISHING

REMOVING CONCRETE PAVEMENT PARTIAL DEPTH, 5 1/4-INCH

ADJUSTING MH

STA 208+61.32, -10.93' LT

STA 205+11.47, 51.20' RT

STA 206+76, 10.11' RT

REMOVING CONCRETE PAVEMENT PARTIAL DEPTH, 5 1/4-INCH

CURB RAMP GRADING, SHAPING AND FINISHING

CURB RAMP GRADING, SHAPING AND FINISHING

CURB RAMP GRADING, SHAPING AND FINISHING

* SEE CURB RAMP DETAIL SHEETS

STA 208+06.05, 130.64' RT

LEGEND

A	REMOVING CURB AND GUTTER	F	CURB RAMP DETECTABLE WARNING FIELD RADIAL YELLOW	XXXX	SAWCUT
B	CONCRETE CURB AND GUTTER 6-INCH SLOPED 36-INCH TYPE D	G	REMOVING ASPHALTIC SURFACE		R/W
C	REMOVING CONCRETE SIDEWALK	H	ASPHALTIC SURFACE (3-INCH)		
D	CONCRETE SIDEWALK 5-INCH	J	ADJUSTING CATCH BASIN COVERS		
E	CURB RAMP DETECTABLE WARNING FIELD YELLOW	K	RECONSTRUCTING CATCH BASINS		

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	PLAN DETAILS	SHEET 24	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\021201A_PD.DWG
LAYOUT NAME - 13

PLOT DATE : 4/29/2026 11:59 AM PLOT BY : MARSHALL, DAWN L PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

2

REMOVING ASPHALTIC
SURFACE MILLING 4-INCH
HMA PAVEMENT, 4-INCH

REMOVING CONCRETE PAVEMENT
PARTIAL DEPTH, 5 1/4-INCH

ADJUSTING MH

STH 164/PEWAUKEE RD

09+00 210+00 211+00 212+00 213+00 214+00 215+00 +43.41

SIGN POST INL MH SS OHO E G XXXXXXX XXXX XX

LEGEND

A	REMOVING CURB AND GUTTER	F	CURB RAMP DETECTABLE WARNING FIELD RADIAL YELLOW	XXXX	SAWCUT
B	CONCRETE CURB AND GUTTER 6-INCH SLOPED 36-INCH TYPE D	G	REMOVING ASPHALTIC SURFACE		R/W
C	REMOVING CONCRETE SIDEWALK	H	ASPHALTIC SURFACE (3-INCH)		
D	CONCRETE SIDEWALK 5-INCH	J	ADJUSTING CATCH BASIN COVERS		
E	CURB RAMP DETECTABLE WARNING FIELD YELLOW	K	RECONSTRUCTING CATCH BASINS		

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	PLAN DETAILS	SHEET 25	E

2

2

N

REMOVING ASPHALTIC
SURFACE MILLING 4-INCH
HMA PAVEMENT, 4-INCH

ADJUSTING MH

SIGN
INL
GRATE
POST
MH
215+00
216+00
217+00
218+00
219+00
220+00
HO
CURB & GUTTER
72" RCCP E
IE 848.21
IE 848.44

LEGEND

A	REMOVING CURB AND GUTTER	F	CURB RAMP DETECTABLE WARNING FIELD RADIAL YELLOW	XXXX	SAWCUT
B	CONCRETE CURB AND GUTTER 6-INCH SLOPED 36-INCH TYPE D	G	REMOVING ASPHALTIC SURFACE		R/W
C	REMOVING CONCRETE SIDEWALK	H	ASPHALTIC SURFACE (3-INCH)		
D	CONCRETE SIDEWALK 5-INCH	J	ADJUSTING CATCH BASIN COVERS		
E	CURB RAMP DETECTABLE WARNING FIELD YELLOW	K	RECONSTRUCTING CATCH BASINS		

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	PLAN DETAILS	SHEET 26	E

REMOVING ASPHALTIC
SURFACE MILLING 4-INCH
HMA PAVEMENT, 4-INCH

220+00
221+00
222+00
223+00
224+00
225+00

N

LEGEND

A	REMOVING CURB AND GUTTER	F	CURB RAMP DETECTABLE WARNING FIELD RADIAL YELLOW	XXXX	SAWCUT
B	CONCRETE CURB AND GUTTER 6-INCH SLOPED 36-INCH TYPE D	G	REMOVING ASPHALTIC SURFACE		R/W
C	REMOVING CONCRETE SIDEWALK	H	ASPHALTIC SURFACE (3-INCH)		
D	CONCRETE SIDEWALK 5-INCH	J	ADJUSTING CATCH BASIN COVERS		
E	CURB RAMP DETECTABLE WARNING FIELD YELLOW	K	RECONSTRUCTING CATCH BASINS		

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	PLAN DETAILS	SHEET 27	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\021201A_PD.DWG
LAYOUT NAME - 16

PLOT DATE : 4/29/2026 12:01 PM PLOT BY : MARSHALL, DAWN L PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

LEGEND

A	REMOVING CURB AND GUTTER	F	CURB RAMP DETECTABLE WARNING FIELD RADIAL YELLOW	XXXX	SAWCUT
B	CONCRETE CURB AND GUTTER 6-INCH SLOPED 36-INCH TYPE D	G	REMOVING ASPHALTIC SURFACE		R/W
C	REMOVING CONCRETE SIDEWALK	H	ASPHALTIC SURFACE (3-INCH)		
D	CONCRETE SIDEWALK 5-INCH	J	ADJUSTING CATCH BASIN COVERS		
E	CURB RAMP DETECTABLE WARNING FIELD YELLOW	K	RECONSTRUCTING CATCH BASINS		

N

CLEANING ENDWALLS

M(D)

SM(D)

21" RCCP E
IE 850.32

66" RCCP E
IE 847.16

MP
POST

BOX CULVERT
SE CORNER
IE 850.39

BOX CULVERT
SW CORNER
IE 850.35

INL INL

GRATE

INL INL

225+00 226+00 227+00 SIGN 228+00 229+00 GRATE 230+00 231+00

INL INL

INL INL

GRATE

SIGN

GUY

POST
MP

POST
MP

66" RCCP E
IE 848.71

24" RCCP E
IE 849.39

REMOVING ASPHALTIC
SURFACE MILLING 4-INCH
HMA PAVEMENT, 4-INCH

BOX CULVERT
NE CORNER
IE 850.61

BOX CULVERT
NW CORNER
IE 850.63

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	PLAN DETAILS	SHEET 28	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\021201A_PD.DWG
LAYOUT NAME - 17

PLOT DATE : 4/29/2026 12:01 PM PLOT BY : MARSHALL, DAWN L PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

REMOVING ASPHALTIC SURFACE MILLING 4-INCH

HMA PAVEMENT, 4-INCH

N

CLEANING ENDWALLS

REMOVING CONCRETE PAVEMENT PARTIAL DEPTH 5 1/4-INCH

STH 164/PEWAUKEE RD

231+00 232+00 233+00 234+00 235+00 236+00

+70.01

BP: 10+00.00

+81.89

+56.30

+50.49

+15.28

* SEE CURB RAMP DETAIL SHEETS

CURB RAMP GRADING, SHAPING AND FINISHING

REMOVING ASPHALTIC SURFACE BUTT JOINTS

CURB RAMP GRADING, SHAPING AND FINISHING

CHESTERWOOD LN

LEGEND

A	REMOVING CURB AND GUTTER	F	CURB RAMP DETECTABLE WARNING FIELD RADIAL YELLOW	XXXX	SAWCUT
B	CONCRETE CURB AND GUTTER 6-INCH SLOPED 36-INCH TYPE D	G	REMOVING ASPHALTIC SURFACE		R/W
C	REMOVING CONCRETE SIDEWALK	H	ASPHALTIC SURFACE (3-INCH)		
D	CONCRETE SIDEWALK 5-INCH	J	ADJUSTING CATCH BASIN COVERS		
E	CURB RAMP DETECTABLE WARNING FIELD YELLOW	K	RECONSTRUCTING CATCH BASINS		

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	PLAN DETAILS	SHEET 29	E

2

N

REMOVING ASPHALTIC
SURFACE MILLING 4-INCH
HMA PAVEMENT, 4-INCH

REMOVING CONCRETE
PAVEMENT PARTIAL DEPTH
5 1/4-INCH

+80.37

236+00 237+00 238+00 239+00 240+00 241+00

POST SIGN POST INL INL INL INL INL INL SIGN SIGN POST W HO HO HO HO HO SS FLAG W W

LEGEND

A	REMOVING CURB AND GUTTER	F	CURB RAMP DETECTABLE WARNING FIELD RADIAL YELLOW	XXXX	SAWCUT
B	CONCRETE CURB AND GUTTER 6-INCH SLOPED 36-INCH TYPE D	G	REMOVING ASPHALTIC SURFACE		R/W
C	REMOVING CONCRETE SIDEWALK	H	ASPHALTIC SURFACE (3-INCH)		
D	CONCRETE SIDEWALK 5-INCH	J	ADJUSTING CATCH BASIN COVERS		
E	CURB RAMP DETECTABLE WARNING FIELD YELLOW	K	RECONSTRUCTING CATCH BASINS		

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	PLAN DETAILS	SHEET 30	E

2

2

REMOVING ASPHALTIC
SURFACE MILLING 4-INCH
HMA PAVEMENT, 4-INCH

REMOVING ASPHALTIC SURFACE
BUTT JOINTS

STA 245+96.69, -58.00' LT

STA 246+42.60, -58.89' LT

ADJUSTING WATER VALVE BOXES
(CITY OF PEWAUKEE, 0020)

STA 246+46.92, 70.46' RT

STA 245+89.27, 70.79' RT

REMOVING CONCRETE
PAVEMENT PARTIAL DEPTH
5 1/4-INCH

REMOVING ASPHALTIC SURFACE
BUTT JOINTS

FAIRFIELD PL

18+00

19+00

20+00

21+00

241+00

242+00

243+00

244+00

245+00

246+00

247+00

+74.57

+80.43

+57.74

N

POST

INL

SIGN

W

MH

LEGEND

A	REMOVING CURB AND GUTTER	F	CURB RAMP DETECTABLE WARNING FIELD RADIAL YELLOW	XXXX	SAWCUT
B	CONCRETE CURB AND GUTTER 6-INCH SLOPED 36-INCH TYPE D	G	REMOVING ASPHALTIC SURFACE		R/W
C	REMOVING CONCRETE SIDEWALK	H	ASPHALTIC SURFACE (3-INCH)		
D	CONCRETE SIDEWALK 5-INCH	J	ADJUSTING CATCH BASIN COVERS		
E	CURB RAMP DETECTABLE WARNING FIELD YELLOW	K	RECONSTRUCTING CATCH BASINS		

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	PLAN DETAILS	SHEET 31	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\021201A_PD.DWG
LAYOUT NAME - 20

PLOT DATE : 4/29/2026 12:02 PM PLOT BY : MARSHALL, DAWN L PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

LEGEND

A	REMOVING CURB AND GUTTER	F	CURB RAMP DETECTABLE WARNING FIELD RADIAL YELLOW	XXXX	SAWCUT
B	CONCRETE CURB AND GUTTER 6-INCH SLOPED 36-INCH TYPE D	G	REMOVING ASPHALTIC SURFACE		R/W
C	REMOVING CONCRETE SIDEWALK	H	ASPHALTIC SURFACE (3-INCH)		
D	CONCRETE SIDEWALK 5-INCH	J	ADJUSTING CATCH BASIN COVERS		
E	CURB RAMP DETECTABLE WARNING FIELD YELLOW	K	RECONSTRUCTING CATCH BASINS		

N

REMOVING CONCRETE PAVEMENT
PARTIAL DEPTH 5 1/4-INCH

REMOVING ASPHALTIC SURFACE
BUTT JOINTS

CLEANING ENDWALLS

STA 246+42.60, -58.89' LT

5.69, -58.90' LT

STH 164/PEWAUKEE RD

+66.69

+57.74

247+00

248+00

249+00

250+00

251+00

252+00

20+00

STH 164/PEWAUKEE RD

246+46.92, 70.46' RT

21+00

REMOVING ASPHALTIC SURFACE
BUTT JOINTS

REMOVING ASPHALTIC
SURFACE MILLING 4-INCH
HMA PAVEMENT, 4-INCH

SIGN
POST
W
INL
MH
A/C
SM(D)
XXX
K

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	PLAN DETAILS	SHEET 32	E

2

N

REMOVING ASPHALTIC
SURFACE MILLING 4-INCH
HMA PAVEMENT, 4-INCH

SM(D)

SM(D)

CLEANING ENDWALLS

POST

SIGN

INL

INL

INL

INL

252+00

253+00

254+00

255+00

256+00

257+00

W

POST

GUY

GUY

POST

LEGEND

A	REMOVING CURB AND GUTTER	F	CURB RAMP DETECTABLE WARNING FIELD RADIAL YELLOW	XXXX	SAWCUT
B	CONCRETE CURB AND GUTTER 6-INCH SLOPED 36-INCH TYPE D	G	REMOVING ASPHALTIC SURFACE		R/W
C	REMOVING CONCRETE SIDEWALK	H	ASPHALTIC SURFACE (3-INCH)		
D	CONCRETE SIDEWALK 5-INCH	J	ADJUSTING CATCH BASIN COVERS		
E	CURB RAMP DETECTABLE WARNING FIELD YELLOW	K	RECONSTRUCTING CATCH BASINS		

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	PLAN DETAILS	SHEET 33	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\021201A_PD.DWG
LAYOUT NAME - 22

PLOT DATE : 4/29/2026 12:03 PM PLOT BY : MARSHALL, DAWN L PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

REMOVING STORM SEWER (18-INCH ENDWALL)
APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE 18-INCH

CLEANING ENDWALLS

REMOVING ASPHALTIC SURFACE MILLING 4-INCH
HMA PAVEMENT, 4-INCH

LEGEND

A	REMOVING CURB AND GUTTER	F	CURB RAMP DETECTABLE WARNING FIELD RADIAL YELLOW	XXXX	SAWCUT
B	CONCRETE CURB AND GUTTER 6-INCH SLOPED 36-INCH TYPE D	G	REMOVING ASPHALTIC SURFACE		R/W
C	REMOVING CONCRETE SIDEWALK	H	ASPHALTIC SURFACE (3-INCH)		
D	CONCRETE SIDEWALK 5-INCH	J	ADJUSTING CATCH BASIN COVERS		
E	CURB RAMP DETECTABLE WARNING FIELD YELLOW	K	RECONSTRUCTING CATCH BASINS		

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	PLAN DETAILS	SHEET 34	E

2

REMOVING ASPHALTIC
SURFACE MILLING 4-INCH
HMA PAVEMENT, 4-INCH

CLEANING ENDWALLS

REMOVING CONCRETE PAVEMENT
PARTIAL DEPTH, 5 1/4-INCH

STH 164/PEWAUKEE RD

STH 164/PEWAUKEE RD

62+00 263+00 264+00 265+00 266+00 267+00 268+00

+84.25

GUY GUY GUY

OH

NL

SIGN POST SIGN POST

MH MH

SAN

W

LEGEND

A	REMOVING CURB AND GUTTER	F	CURB RAMP DETECTABLE WARNING FIELD RADIAL YELLOW	XXXX	SAWCUT
B	CONCRETE CURB AND GUTTER 6-INCH SLOPED 36-INCH TYPE D	G	REMOVING ASPHALTIC SURFACE		R/W
C	REMOVING CONCRETE SIDEWALK	H	ASPHALTIC SURFACE (3-INCH)		
D	CONCRETE SIDEWALK 5-INCH	J	ADJUSTING CATCH BASIN COVERS		
E	CURB RAMP DETECTABLE WARNING FIELD YELLOW	K	RECONSTRUCTING CATCH BASINS		

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	PLAN DETAILS	SHEET 35	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\021201A_PD.DWG
LAYOUT NAME - 24

PLOT DATE : 4/29/2026 12:03 PM PLOT BY : MARSHALL, DAWN L PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

2

N

REMOVING ASPHALTIC
SURFACE MILLING 4-INCH
HMA PAVEMENT, 4-INCH

STA 269+17.49, -138.44' LT

REMOVING ASPHALTIC SURFACE
BUTT JOINTS

CLEANING ENDWALLS

CLEANING ENDWALLS

REMOVING CONCRETE PAVEMENT
PARTIAL DEPTH, 5 1/4-INCH

+86.66

+97.83

+94.49

268+00

269+00

270+00

271+00

272+00

273+00

25+00

30+00

31+00

MGS GUARDRAIL
TERMINAL EAT

REMOVING ASPHALTIC SURFACE
BUTT JOINTS

STA 269+82.30, 161.41' RT

LEGEND

A	REMOVING CURB AND GUTTER	F	CURB RAMP DETECTABLE WARNING FIELD RADIAL YELLOW	XXXX	SAWCUT
B	CONCRETE CURB AND GUTTER 6-INCH SLOPED 36-INCH TYPE D	G	REMOVING ASPHALTIC SURFACE		R/W
C	REMOVING CONCRETE SIDEWALK	H	ASPHALTIC SURFACE (3-INCH)		
D	CONCRETE SIDEWALK 5-INCH	J	ADJUSTING CATCH BASIN COVERS		
E	CURB RAMP DETECTABLE WARNING FIELD YELLOW	K	RECONSTRUCTING CATCH BASINS		

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	PLAN DETAILS	SHEET 36	E

2

2

LEGEND

A	REMOVING CURB AND GUTTER	F	CURB RAMP DETECTABLE WARNING FIELD RADIAL YELLOW	XXXX	SAWCUT
B	CONCRETE CURB AND GUTTER 6-INCH SLOPED 36-INCH TYPE D	G	REMOVING ASPHALTIC SURFACE		R/W
C	REMOVING CONCRETE SIDEWALK	H	ASPHALTIC SURFACE (3-INCH)		
D	CONCRETE SIDEWALK 5-INCH	J	ADJUSTING CATCH BASIN COVERS		
E	CURB RAMP DETECTABLE WARNING FIELD YELLOW	K	RECONSTRUCTING CATCH BASINS		

N

SHORT RADIUS TERMINAL

+26.74

MGS GUARDRAIL 3

ASPHALTIC FLUMES

2 POSTS SPACING 6' 3"

+27.63

MGS GUARDRAIL TERMINAL EAT

CLEANING ENDWALLS

+67.82

R8'

SHORT RADIUS

XXXXXXX

+11.52

ADJUSTING MH

STEEL THRIE BEAM BULLNOSE TERMINAL

THRIE BEAM TRANSITION

273+00 274+00 275+00 276+00 277+00 278+00

STEEL THRIE BEAM BULLNOSE TERMINAL

THRIE BEAM TRANSITION

MGS GUARDRAIL TERMINAL EAT

MGS GUARDRAIL 3

REMOVING GUARDRAIL

REMOVING ASPHALTIC SURFACE MILLING 4-INCH HMA PAVEMENT, 4-INCH

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	PLAN DETAILS	SHEET 37	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\021201A_PD.DWG
LAYOUT NAME - 26
PLOT DATE : 4/29/2026 12:04 PM
PLOT BY : MARSHALL, DAWN L
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

LEGEND

A	REMOVING CURB AND GUTTER	F	CURB RAMP DETECTABLE WARNING FIELD RADIAL YELLOW	XXXX	SAWCUT
B	CONCRETE CURB AND GUTTER 6-INCH SLOPED 36-INCH TYPE D	G	REMOVING ASPHALTIC SURFACE		R/W
C	REMOVING CONCRETE SIDEWALK	H	ASPHALTIC SURFACE (3-INCH)		
D	CONCRETE SIDEWALK 5-INCH	J	ADJUSTING CATCH BASIN COVERS		
E	CURB RAMP DETECTABLE WARNING FIELD YELLOW	K	RECONSTRUCTING CATCH BASINS		

N

2

CLEANING ENDWALLS

POST

SIGN

CLEANING ENDWALLS

POST

SIGN

INL

INL

INL

INL

INL

INL

278+00

279+00

280+00

281+00

282+00

283+00

284+00

SIGN

SIGN

SIGN

POST

POST

POST

POST

POST

POST

REMOVING ASPHALTIC
SURFACE MILLING 4-INCH
HMA PAVEMENT, 4-INCH

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	PLAN DETAILS	SHEET 38	E

2

2

N

REMOVING ASPHALTIC
SURFACE MILLING 4-INCH
HMA PAVEMENT, 4-INCH

POST
RIPRAP
POST
POST
POST
SIGN
POST

INL
MH
ADJUSTING MH
INL
MH
ADJUSTING MH
INL
INL
INL
INL
INL
INL

284+00
285+00
286+00
SIGN
287+00
288+00
289+00
SIGN
+21.86
+3

REMOVING CONCRETE
PAVEMENT PARTIAL
DEPTH, 5 1/4-INCH

SIGN
POST
POST
POST
POST
POST
POST
POST
RIPRAP

LEGEND

A	REMOVING CURB AND GUTTER	F	CURB RAMP DETECTABLE WARNING FIELD RADIAL YELLOW	XXXX	SAWCUT
B	CONCRETE CURB AND GUTTER 6-INCH SLOPED 36-INCH TYPE D	G	REMOVING ASPHALTIC SURFACE		R/W
C	REMOVING CONCRETE SIDEWALK	H	ASPHALTIC SURFACE (3-INCH)		
D	CONCRETE SIDEWALK 5-INCH	J	ADJUSTING CATCH BASIN COVERS		
E	CURB RAMP DETECTABLE WARNING FIELD YELLOW	K	RECONSTRUCTING CATCH BASINS		

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	PLAN DETAILS	SHEET 39	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\021201A_PD.DWG
LAYOUT NAME - 28

PLOT DATE : 4/29/2026 12:04 PM PLOT BY : MARSHALL, DAWN L PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

LEGEND

A	REMOVING CURB AND GUTTER	F	CURB RAMP DETECTABLE WARNING FIELD RADIAL YELLOW	XXXX	SAWCUT
B	CONCRETE CURB AND GUTTER 6-INCH SLOPED 36-INCH TYPE D	G	REMOVING ASPHALTIC SURFACE		R/W
C	REMOVING CONCRETE SIDEWALK	H	ASPHALTIC SURFACE (3-INCH)		
D	CONCRETE SIDEWALK 5-INCH	J	ADJUSTING CATCH BASIN COVERS		
E	CURB RAMP DETECTABLE WARNING FIELD YELLOW	K	RECONSTRUCTING CATCH BASINS		

N

2

7 STONES DR

REMOVING ASPHALTIC SURFACE
BUTT JOINTS

STA 289+73.37, -99.95' LT

WATERMAIN
REMOVE AND REPLACE
VALVE BOX TOP SECTION
AND LID, 6-INCH

WATERMAIN
REMOVE AND REPLACE
VALVE BOX TOP SECTION
AND LID, 8-INCH

REMOVING CONCRETE PAVEMENT
PARTIAL DEPTH, 5 1/4-INCH

ADJUSTING MH

STH 164/PEWAUKEE RD

+14.72

+24.18

289+00

290+00

291+00

292+00

293+00

294+00

+32.18

REMOVING CONCRETE
PAVEMENT PARTIAL
DEPTH, 5 1/4-INCH

REMOVING ASPHALTIC
SURFACE MILLING 4-INCH
HMA PAVEMENT, 4-INCH

RIPRAP

RUINS

MH

INL

SIGN

POST

W

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	PLAN DETAILS	SHEET 40	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\021201A_PD.DWG
LAYOUT NAME - 29
PLOT DATE : 4/29/2026 12:05 PM
PLOT BY : MARSHALL, DAWN L
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

2

N

SIGN

POST

REMOVING ASPHALTIC
SURFACE MILLING 4-INCH
HMA PAVEMENT, 4-INCH

SIGN

INL

ADJUSTING MH MH

INL

294+00 295+00 296+00 297+00 POST 298+00 299+00 300+0

SIGN

INL

INL

SIGN

SIGN

LEGEND

A	REMOVING CURB AND GUTTER	F	CURB RAMP DETECTABLE WARNING FIELD RADIAL YELLOW	XXXX	SAWCUT
B	CONCRETE CURB AND GUTTER 6-INCH SLOPED 36-INCH TYPE D	G	REMOVING ASPHALTIC SURFACE		R/W
C	REMOVING CONCRETE SIDEWALK	H	ASPHALTIC SURFACE (3-INCH)		
D	CONCRETE SIDEWALK 5-INCH	J	ADJUSTING CATCH BASIN COVERS		
E	CURB RAMP DETECTABLE WARNING FIELD YELLOW	K	RECONSTRUCTING CATCH BASINS		

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	PLAN DETAILS	SHEET 41	E

2

2

N

W

SIGN

RIPRAP

REMOVING ASPHALTIC
SURFACE MILLING 4-INCH
HMA PAVEMENT, 4-INCH

INL

ADJUSTING MH

MH

INL

300+00

301+00

302+00

303+00

304+00

305+00

SIGN

SIGN

INL

INL

SIGN

SIGN

SIGN

POST

W

INL

SIGN

LEGEND

A	REMOVING CURB AND GUTTER	F	CURB RAMP DETECTABLE WARNING FIELD RADIAL YELLOW	XXXX	SAWCUT
B	CONCRETE CURB AND GUTTER 6-INCH SLOPED 36-INCH TYPE D	G	REMOVING ASPHALTIC SURFACE		R/W
C	REMOVING CONCRETE SIDEWALK	H	ASPHALTIC SURFACE (3-INCH)		
D	CONCRETE SIDEWALK 5-INCH	J	ADJUSTING CATCH BASIN COVERS		
E	CURB RAMP DETECTABLE WARNING FIELD YELLOW	K	RECONSTRUCTING CATCH BASINS		

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	PLAN DETAILS	SHEET 42	E

2

2

N

REMOVING ASPHALTIC
SURFACE MILLING 4-INCH
HMA PAVEMENT, 4-INCH

SIGN
RIPRAP
SIGN
SIGN
SIGN
INL
INL
INL
INL
INL
INL
INL
INL
INL
SS
SS
SS

2

REMOVING ASPHALTIC SURFACE MILLING, 4-INCH
HMA PAVEMENT, 4-INCH

SALVAGE SANITARY
SEWER STRUCTURES

* SEE CURB RAMP
DETAIL SHEETS

CURB RAMP
GRADING, SHAPING
AND FINISHING

CURB RAMP
GRADING, SHAPING
AND FINISHING

REMOVING
CONCRETE
PAVEMENT
PARTIAL DEPTH,
5 1/4-INCH

ADJUSTING MH

STH 164/PEWAUKEE RD

SEC E 33-8-19
WisDOT PID 819150
DO NOT DISTURB
MONUMENT TO BE MILLED AROUND
AND PAVING RING PLACED PRIOR TO PAVING

REMOVING CONCRETE PAVEMENT
PARTIAL DEPTH, 5 1/4-INCH

CURB RAMP
GRADING, SHAPING
AND FINISHING

CURB RAMP
GRADING, SHAPING
AND FINISHING

LEGEND

A	REMOVING CURB AND GUTTER	F	CURB RAMP DETECTABLE WARNING FIELD RADIAL YELLOW	XXXX	SAWCUT
B	CONCRETE CURB AND GUTTER 6-INCH SLOPED 36-INCH TYPE D	G	REMOVING ASPHALTIC SURFACE		R/W
C	REMOVING CONCRETE SIDEWALK	H	ASPHALTIC SURFACE (3-INCH)		
D	CONCRETE SIDEWALK 5-INCH	J	ADJUSTING CATCH BASIN COVERS		
E	CURB RAMP DETECTABLE WARNING FIELD YELLOW	K	RECONSTRUCTING CATCH BASINS		

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	PLAN DETAILS	SHEET 44	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\021201A_PD.DWG
LAYOUT NAME - 33

PLOT DATE : 4/30/2026 10:40 AM PLOT BY : DILLINGHAM, MATTHEW PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

N

REMOVING ASPHALTIC
SURFACE MILLING 4-INCH
HMA PAVEMENT, 4-INCH

REMOVING
CONCRETE
PAVEMENT
PARTIAL DEPTH,
5 1/4-INCH

CLEANING ENDWALLS

DRAINAGE CLEAN
STORM SEWER STRUCTURE

SIGN
INL
POST
MH
XXXX
M(D)
15+00
316+00
317+00
318+00
319+00
320+00
321+00
+37.14
+4
OH
FLAG

LEGEND

A	REMOVING CURB AND GUTTER	F	CURB RAMP DETECTABLE WARNING FIELD RADIAL YELLOW	XXXX	SAWCUT
B	CONCRETE CURB AND GUTTER 6-INCH SLOPED 36-INCH TYPE D	G	REMOVING ASPHALTIC SURFACE		R/W
C	REMOVING CONCRETE SIDEWALK	H	ASPHALTIC SURFACE (3-INCH)		
D	CONCRETE SIDEWALK 5-INCH	J	ADJUSTING CATCH BASIN COVERS		
E	CURB RAMP DETECTABLE WARNING FIELD YELLOW	K	RECONSTRUCTING CATCH BASINS		

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	PLAN DETAILS	SHEET 45	E

REMOVING ASPHALTIC
SURFACE MILLING 4-INCH
HMA PAVEMENT, 4-INCH

N

CURB RAMP
GRADING, SHAPING
AND FINISHING

SI

+45.98
+60.98
+85.39
+95.11

+59.48
+85.82
+93.80
+46.94
+60.32
+93.96
+47.48
+86.01

CURB RAMP
GRADING, SHAPING
AND FINISHING

+47.04
+92.94

CURB RAMP
GRADING, SHAPING
AND FINISHING

REMOVE SANITARY
SEWER STRUCTURES

+08.57
ADJUSTING
WATER VALVE
+88.63

CURB RAMP
GRADING, SHAPING
AND FINISHING

WATERMAIN
REMOVE AND REPLACE
VALVE BOX TOP SECTION AND LID,
12-INCH

STA 323+64.94, 108.71' RT

STA 322+16.83, 108.48' RT

REMOVING CONCRETE PAVEMENT
PARTIAL DEPTH, 5 1/4-INCH

+76.91
+87.57

BP: 60+00.00

321+00
322+00
323+00
324+00
325+00
326+00

61+00

RIPRAP
SIGN
POST
INL
MH
SS
GUY
FLAG
M(D)
RATE CIR

LEGEND

A	REMOVING CURB AND GUTTER	F	CURB RAMP DETECTABLE WARNING FIELD RADIAL YELLOW	XXXX	SAWCUT
B	CONCRETE CURB AND GUTTER 6-INCH SLOPED 36-INCH TYPE D	G	REMOVING ASPHALTIC SURFACE		R/W
C	REMOVING CONCRETE SIDEWALK	H	ASPHALTIC SURFACE (3-INCH)		
D	CONCRETE SIDEWALK 5-INCH	J	ADJUSTING CATCH BASIN COVERS		
E	CURB RAMP DETECTABLE WARNING FIELD YELLOW	K	RECONSTRUCTING CATCH BASINS		

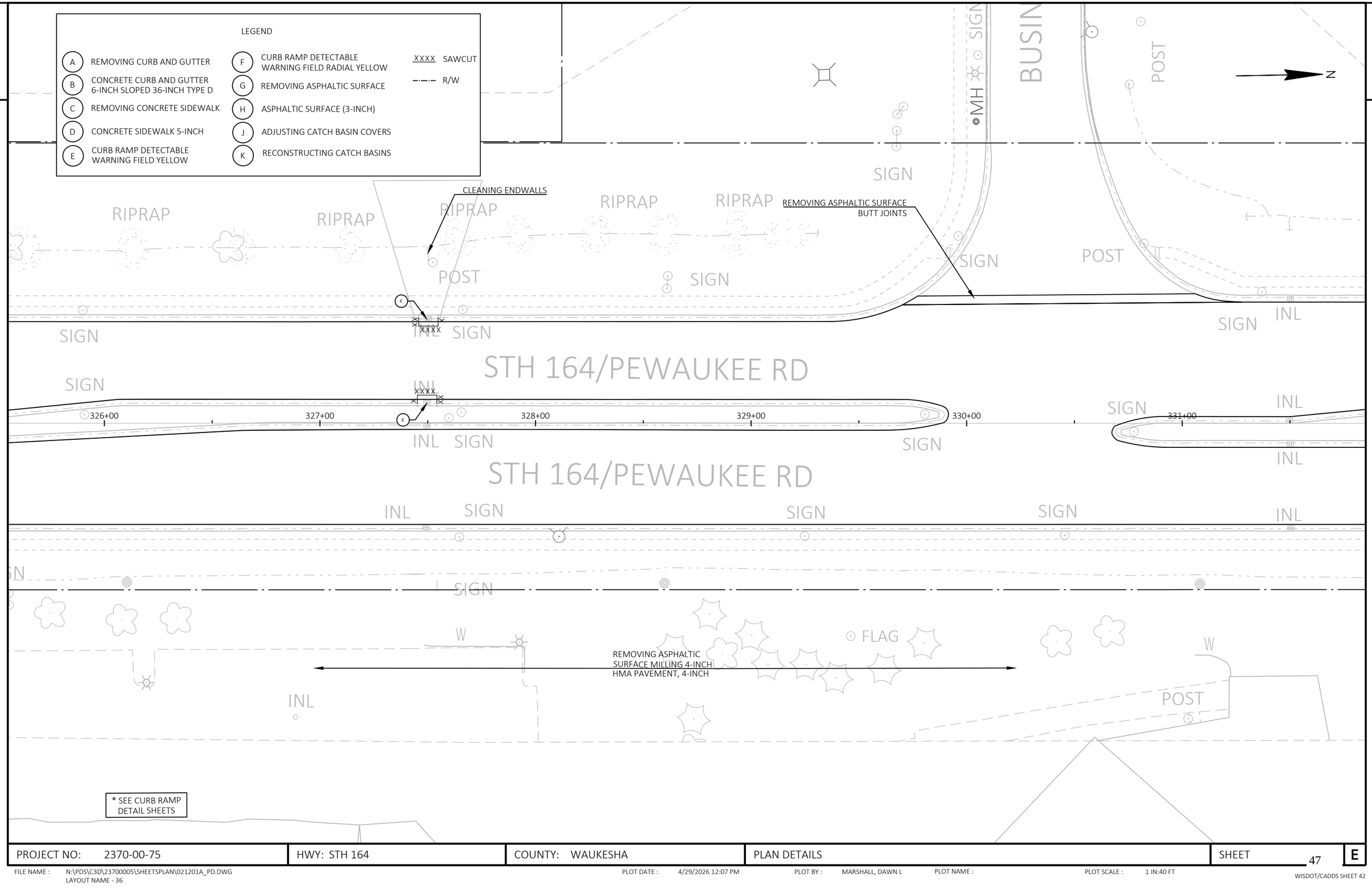
* SEE CURB RAMP DETAIL SHEETS

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	PLAN DETAILS	SHEET 46	E

2

LEGEND

- (A) REMOVING CURB AND GUTTER
- (B) CONCRETE CURB AND GUTTER 6-INCH SLOPED 36-INCH TYPE D
- (C) REMOVING CONCRETE SIDEWALK
- (D) CONCRETE SIDEWALK 5-INCH
- (E) CURB RAMP DETECTABLE WARNING FIELD YELLOW
- (F) CURB RAMP DETECTABLE WARNING FIELD RADIAL YELLOW
- (G) REMOVING ASPHALTIC SURFACE
- (H) ASPHALTIC SURFACE (3-INCH)
- (J) ADJUSTING CATCH BASIN COVERS
- (K) RECONSTRUCTING CATCH BASINS
- XXXX SAWCUT
- R/W



PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	PLAN DETAILS	SHEET 47	E

2

2

N

LEGEND

A	REMOVING CURB AND GUTTER	F	CURB RAMP DETECTABLE WARNING FIELD RADIAL YELLOW	XXXX	SAWCUT
B	CONCRETE CURB AND GUTTER 6-INCH SLOPED 36-INCH TYPE D	G	REMOVING ASPHALTIC SURFACE		R/W
C	REMOVING CONCRETE SIDEWALK	H	ASPHALTIC SURFACE (3-INCH)		
D	CONCRETE SIDEWALK 5-INCH	J	ADJUSTING CATCH BASIN COVERS		
E	CURB RAMP DETECTABLE WARNING FIELD YELLOW	K	RECONSTRUCTING CATCH BASINS		

POST

CLEANING ENDWALLS

RIPRAP

RIPRAP

POST

SIGN

INL

INL

INL

INL

INL

INL

INL

331+00

332+00

333+00

334+00

335+00

336+00

337+00

W

POST

REMOVING ASPHALTIC
SURFACE MILLING 4-INCH
HMA PAVEMENT, 4-INCH

PC

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	PLAN DETAILS	SHEET 48	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\021201A_PD.DWG
LAYOUT NAME - 37

PLOT DATE : 4/29/2026 12:07 PM PLOT BY : MARSHALL, DAWN L PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

2

N

REMOVING ASPHALTIC
SURFACE MILLING 4-INCH
HMA PAVEMENT, 4-INCH

RIPRAP

POST

POST

RIPRAP

INL

STH 164/PEWAUKE

INL

337+00

338+00

339+00

SIGN

SIGN

340+00

341+00

342+00

+89.04

INL

819137

INL

REMOVING CONCRETE PAVEMENT,
PARTIAL DEPTH 5 1/4-INCH

STH 164/PEWAUK

POST

SEC NE 33-8-19
WisDOT PID 819137
DO NOT DISTURB
MONUMENT TO BE MILLED AROUND
AND PAVING RING PLACED PRIOR TO PAVING

W

FLAG

LEGEND

A	REMOVING CURB AND GUTTER	F	CURB RAMP DETECTABLE WARNING FIELD RADIAL YELLOW	XXXX	SAWCUT
B	CONCRETE CURB AND GUTTER 6-INCH SLOPED 36-INCH TYPE D	G	REMOVING ASPHALTIC SURFACE		R/W
C	REMOVING CONCRETE SIDEWALK	H	ASPHALTIC SURFACE (3-INCH)		
D	CONCRETE SIDEWALK 5-INCH	J	ADJUSTING CATCH BASIN COVERS		
E	CURB RAMP DETECTABLE WARNING FIELD YELLOW	K	RECONSTRUCTING CATCH BASINS		

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	PLAN DETAILS	SHEET 49	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\021201A_PD.DWG
LAYOUT NAME - 38

PLOT DATE : 4/29/2026 12:07 PM PLOT BY : MARSHALL, DAWN L PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

N

REMOVING ASPHALTIC SURFACE MILLING 4-INCH
HMA PAVEMENT, 4-INCH

REMOVING ASPHALTIC SURFACE
BUTT JOINTS

CURB RAMP
GRADING, SHAPING
AND FINISHING

CURB RAMP
GRADING, SHAPING
AND FINISHING

SI*

SI

+93.51

+87.53

+73.00

+08.62

69+00

DRAINAGE CLEAN
STORM SEWER STRUCTURE

164/PEWAUKEE RD

REMOVING CONCRETE
PAVEMENT PARTIAL DEPTH,
5 1/4-INCH

+82.80

+93.30

342+00

343+00

344+00

345+00

346+00

347+00

BP: 70+00.00

+99.02

DRAINAGE CLEAN
STORM SEWER STRUCTURE

TH 164/PEWAUKEE RD

+77.89

+94.82

+05.00

+84.40

CURB RAMP
GRADING, SHAPING
AND FINISHING

CURB RAMP
GRADING, SHAPING
AND FINISHING

STA 343+62.01, 98.31' RT

STA 343+23.03, 99.90' RT

70+00

LEGEND

A	REMOVING CURB AND GUTTER	F	CURB RAMP DETECTABLE WARNING FIELD RADIAL YELLOW	XXXX	SAWCUT
B	CONCRETE CURB AND GUTTER 6-INCH SLOPED 36-INCH TYPE D	G	REMOVING ASPHALTIC SURFACE		R/W
C	REMOVING CONCRETE SIDEWALK	H	ASPHALTIC SURFACE (3-INCH)		
D	CONCRETE SIDEWALK 5-INCH	J	ADJUSTING CATCH BASIN COVERS		
E	CURB RAMP DETECTABLE WARNING FIELD YELLOW	K	RECONSTRUCTING CATCH BASINS		

* SEE CURB RAMP DETAIL SHEETS

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	PLAN DETAILS	SHEET 50	E

2

N

REMOVING ASPHALTIC
SURFACE MILLING 4-INCH
HMA PAVEMENT, 4-INCH

CURB RAMP
GRADING, SHAPING
AND FINISHING

CURB RAMP
GRADING,
SHAPING AND
FINISHING

347+00 348+00 349+00 350+00 351+00 352+00

+67.55 +78.11

REMOVING CONCRETE PAVEMENT
PARTIAL DEPTH, 5 1/4-INCH

+92.58 +72.69 +63.82 +86.08 +71.81 +73.00

BP: 80+00.00

WATERMAIN
REMOVE AND
REPLACE VALVE
BOX TOP
SECTION AND
LID, 12-INCH

+62.68 +85.26 +62.85 +47.93

WATERMAIN
REMOVE AND REPLACE VALVE BOX
TOP SECTION AND LID, 12-INCH

CURB RAMP
GRADING, SHAPING
AND FINISHING

CURB RAMP
GRADING,
SHAPING AND
FINISHING

REMOVING ASPHALTIC SURFACE
BUTT JOINTS

LEGEND

A	REMOVING CURB AND GUTTER	F	CURB RAMP DETECTABLE WARNING FIELD RADIAL YELLOW	XXXX	SAWCUT
B	CONCRETE CURB AND GUTTER 6-INCH SLOPED 36-INCH TYPE D	G	REMOVING ASPHALTIC SURFACE		R/W
C	REMOVING CONCRETE SIDEWALK	H	ASPHALTIC SURFACE (3-INCH)		
D	CONCRETE SIDEWALK 5-INCH	J	ADJUSTING CATCH BASIN COVERS		
E	CURB RAMP DETECTABLE WARNING FIELD YELLOW	K	RECONSTRUCTING CATCH BASINS		

* SEE CURB RAMP
DETAIL SHEETS

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	PLAN DETAILS	SHEET 51	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\021201A_PD.DWG
LAYOUT NAME - 40
PLOT DATE : 4/29/2026 12:08 PM
PLOT BY : MARSHALL, DAWN L
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

REMOVING ASPHALTIC SURFACE MILLING 4-INCH
HMA PAVEMENT, 4-INCH

N

CLEANING ENDWALLS

CURB RAMP GRADING, SHAPING AND FINISHING

SI

* SEE CURB RAMP DETAIL SHEETS

REMOVING CONCRETE PAVEMENT
PARTIAL DEPTH, 5 1/4-INCH

REMOVING ASPHALTIC SURFACE
BUTT JOINTS

CURB RAMP GRADING, SHAPING AND FINISHING

SLAB

POST

SIGN

INL

STH 164/PEWAUKEE RD

+63.82

+86.01

+71.81

+82.18

+62.85

+47.93

BP: 80+00.00

BP: 85+00.00

354+00

355+00

356+00

357+00

358+00

86+00

84+00

(?)W

LEGEND

A	REMOVING CURB AND GUTTER	F	CURB RAMP DETECTABLE WARNING FIELD RADIAL YELLOW	XXXX	SAWCUT
B	CONCRETE CURB AND GUTTER 6-INCH SLOPED 36-INCH TYPE D	G	REMOVING ASPHALTIC SURFACE		R/W
C	REMOVING CONCRETE SIDEWALK	H	ASPHALTIC SURFACE (3-INCH)		
D	CONCRETE SIDEWALK 5-INCH	J	ADJUSTING CATCH BASIN COVERS		
E	CURB RAMP DETECTABLE WARNING FIELD YELLOW	K	RECONSTRUCTING CATCH BASINS		

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	PLAN DETAILS	SHEET 52	E

2

N

REMOVING ASPHALTIC
SURFACE MILLING 4-INCH
HMA PAVEMENT, 4-INCH

BP: 85+00.00

358+00

359+00

360+00

361+00

362+00

363+00

SIGN

POST

SIGN

POST

86+00

87+00

XXXX

INL

XXXX

INL

XXXX

INL

DRAINAGE CLEAN
STORM SEWER
STRUCTURE

XXXX

INL

SMH(D)

LEGEND

A	REMOVING CURB AND GUTTER	F	CURB RAMP DETECTABLE WARNING FIELD RADIAL YELLOW	XXXX	SAWCUT
B	CONCRETE CURB AND GUTTER 6-INCH SLOPED 36-INCH TYPE D	G	REMOVING ASPHALTIC SURFACE		R/W
C	REMOVING CONCRETE SIDEWALK	H	ASPHALTIC SURFACE (3-INCH)		
D	CONCRETE SIDEWALK 5-INCH	J	ADJUSTING CATCH BASIN COVERS		
E	CURB RAMP DETECTABLE WARNING FIELD YELLOW	K	RECONSTRUCTING CATCH BASINS		

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	PLAN DETAILS	SHEET 53	E

2

2

N

REMOVING ASPHALTIC
SURFACE MILLING 4-INCH
HMA PAVEMENT, 4-INCH

POST

K

XXXX

INL

INL

INL

INL

363+00

364+00

365+00

366+00

367+00

368+00

J

XXXX

DRAINAGE CLEAN
STORM SEWER
STRUCTURE

SEC E 28-8-19
WisDOT PID 819124
DO NOT DISTURB
MONUMENT TO BE MILLED AROUND
AND PAVING RING PLACED PRIOR TO PAVING

819124

INL

INL

XXXX

J

POST

POST

SMD

LEGEND

A	REMOVING CURB AND GUTTER	F	CURB RAMP DETECTABLE WARNING FIELD RADIAL YELLOW	XXXX	SAWCUT
B	CONCRETE CURB AND GUTTER 6-INCH SLOPED 36-INCH TYPE D	G	REMOVING ASPHALTIC SURFACE		R/W
C	REMOVING CONCRETE SIDEWALK	H	ASPHALTIC SURFACE (3-INCH)		
D	CONCRETE SIDEWALK 5-INCH	J	ADJUSTING CATCH BASIN COVERS		
E	CURB RAMP DETECTABLE WARNING FIELD YELLOW	K	RECONSTRUCTING CATCH BASINS		

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	PLAN DETAILS	SHEET 54	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\021201A_PD.DWG
LAYOUT NAME - 43

PLOT DATE : 4/29/2026 12:09 PM PLOT BY : MARSHALL, DAWN L PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

REMOVING ASPHALTIC
SURFACE MILLING 4-INCH
HMA PAVEMENT, 4-INCH

N

2

CLEANING ENDWALLS

SM(D)

POST

K

XXXXXXXXXX

INL INL

DRAINAGE CLEAN
STORM SEWER STRUCTURE

INL INL

XXXXXXXXXX

K

J

XXXXXXXXXX

INL INL

DRAINAGE CLEAN
STORM SEWER STRUCTURE

XXXX

INL INL

J

WORK DONE
BY OTHERS

368+00 369+00 370+00 371+00 372+00 373+00 374+00

POST

LEGEND

A	REMOVING CURB AND GUTTER	F	CURB RAMP DETECTABLE WARNING FIELD RADIAL YELLOW	XXXX	SAWCUT
B	CONCRETE CURB AND GUTTER 6-INCH SLOPED 36-INCH TYPE D	G	REMOVING ASPHALTIC SURFACE		R/W
C	REMOVING CONCRETE SIDEWALK	H	ASPHALTIC SURFACE (3-INCH)		
D	CONCRETE SIDEWALK 5-INCH	J	ADJUSTING CATCH BASIN COVERS		
E	CURB RAMP DETECTABLE WARNING FIELD YELLOW	K	RECONSTRUCTING CATCH BASINS		

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	PLAN DETAILS	SHEET 55	E

2

REMOVING ASPHALTIC
SURFACE MILLING 4-INCH
HMA PAVEMENT, 4-INCH

N

CLEANING ENDWALLS

MKD1

POST

K

XXXX

INL

POST

STH 164/PEWAUKEE RD

INL

XXXX

374+00

375+00

376+00

377+00

XXXX

INL

+24.86

SIGN

+35.12

378+00

SIGN

WORK DONE
BY OTHERS

STH 164/PEWAUKEE RD

INL

XXXX

K

REMOVING CONCRETE PAVEMENT
PARTIAL DEPTH, 5 1/4-INCH

WORK DONE
BY OTHERS

LEGEND

A	REMOVING CURB AND GUTTER	F	CURB RAMP DETECTABLE WARNING FIELD RADIAL YELLOW	XXXX	SAWCUT
B	CONCRETE CURB AND GUTTER 6-INCH SLOPED 36-INCH TYPE D	G	REMOVING ASPHALTIC SURFACE		R/W
C	REMOVING CONCRETE SIDEWALK	H	ASPHALTIC SURFACE (3-INCH)		
D	CONCRETE SIDEWALK 5-INCH	J	ADJUSTING CATCH BASIN COVERS		
E	CURB RAMP DETECTABLE WARNING FIELD YELLOW	K	RECONSTRUCTING CATCH BASINS		

2

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	PLAN DETAILS	SHEET 56	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\021201A_PD.DWG
LAYOUT NAME - 45

PLOT DATE : 4/29/2026 12:09 PM PLOT BY : MARSHALL, DAWN L PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

REMOVING ASPHALTIC
SURFACE MILLING 4-INCH
HMA PAVEMENT, 4-INCH

N

POST

SIGN

SIGN

J

XXXX

INL

DRAINAGE CLEAN
STORM SEWER STRUCTURE

INL

XXXX

379+00

380+00

948

SIGN

381+00

382+00

383+00

384+00

J

K

XXXX

INL

WORK DONE
BY OTHERS

WORK DONE
BY OTHERS

DRAINAGE CLEAN
STORM SEWER STRUCTURE

INL

XXXX

SIGN

POST

LEGEND

A	REMOVING CURB AND GUTTER	F	CURB RAMP DETECTABLE WARNING FIELD RADIAL YELLOW	XXXX	SAWCUT
B	CONCRETE CURB AND GUTTER 6-INCH SLOPED 36-INCH TYPE D	G	REMOVING ASPHALTIC SURFACE		R/W
C	REMOVING CONCRETE SIDEWALK	H	ASPHALTIC SURFACE (3-INCH)		
D	CONCRETE SIDEWALK 5-INCH	J	ADJUSTING CATCH BASIN COVERS		
E	CURB RAMP DETECTABLE WARNING FIELD YELLOW	K	RECONSTRUCTING CATCH BASINS		

2

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	PLAN DETAILS	SHEET 57	E

REMOVING ASPHALTIC
SURFACE MILLING 4-INCH
HMA PAVEMENT, 4-INCH

N

RIPRAP
MH
INL
BERM
POST
POST
SIGN
140+00
ADJUSTING MH
MH
ADJUSTING MH
MH
DRAINAGE CLEAN
STORM SEWER STRUCTURE
INL
XXXX
J
K
384+00
385+00
386+00
387+00
388+00
389+00
390+00
141+00
SIGN
SIGN
MH
WORK DONE
BY OTHERS
POST
POST
MH
SIGN
SIGN
944
943
942
941
142+00
POST

LEGEND

A	REMOVING CURB AND GUTTER	F	CURB RAMP DETECTABLE WARNING FIELD RADIAL YELLOW	XXXX	SAWCUT
B	CONCRETE CURB AND GUTTER 6-INCH SLOPED 36-INCH TYPE D	G	REMOVING ASPHALTIC SURFACE		R/W
C	REMOVING CONCRETE SIDEWALK	H	ASPHALTIC SURFACE (3-INCH)		
D	CONCRETE SIDEWALK 5-INCH	J	ADJUSTING CATCH BASIN COVERS		
E	CURB RAMP DETECTABLE WARNING FIELD YELLOW	K	RECONSTRUCTING CATCH BASINS		

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	PLAN DETAILS	SHEET 58	E

REMOVING ASPHALTIC
SURFACE MILLING 4-INCH
HMA PAVEMENT, 4-INCH

REMOVING ASPHALTIC SURFACE
BUTT JOINTS

CURB RAMP
GRADING, SHAPING
AND FINISHING

SEC NE 28-8-19
WisDOT PID 819111
DO NOT DISTURB
MONUMENT TO BE MILLED AROUND
AND PAVING RING PLACED PRIOR TO PAVING

DRAINAGE CLEAN
STORM SEWER
STRUCTURE

ADJUSTING MH

SALVAGE SANITARY
SEWER STRUCTURES

WORK DONE
BY OTHERS

WATERMAIN
REMOVE AND REPLACE BOX TOP AND LID
12-INCH

REMOVING ASPHALTIC SURFACE
BUTT JOINTS

STH 164/PEWAUKEE RD

PROSPECT CIR

9006

390+00 391+00 392+00 393+00 394+00 395+00 396+00 397+00 398+00 399+00 400+00 401+00 402+00

+53.02 +64.67 +45.69 +15.10 +42.78 +30.02 +28.85 +33.70 +69.79 +79.02 +19.52

819111

LEGEND

A	REMOVING CURB AND GUTTER	F	CURB RAMP DETECTABLE WARNING FIELD RADIAL YELLOW	XXXX	SAWCUT
B	CONCRETE CURB AND GUTTER 6-INCH SLOPED 36-INCH TYPE D	G	REMOVING ASPHALTIC SURFACE		R/W
C	REMOVING CONCRETE SIDEWALK	H	ASPHALTIC SURFACE (3-INCH)		
D	CONCRETE SIDEWALK 5-INCH	J	ADJUSTING CATCH BASIN COVERS		
E	CURB RAMP DETECTABLE WARNING FIELD YELLOW	K	RECONSTRUCTING CATCH BASINS		

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	PLAN DETAILS	SHEET 59	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\021201A_PD.DWG
LAYOUT NAME - 48

PLOT DATE : 4/30/2026 10:51 AM PLOT BY : DILLINGHAM, MATTHEW PLOT NAME : PLOT SCALE : 1 IN:40 FT

REMOVING ASPHALTIC
SURFACE MILLING 4-INCH
HMA PAVEMENT, 4-INCH

N

LEGEND

A	REMOVING CURB AND GUTTER	F	CURB RAMP DETECTABLE WARNING FIELD RADIAL YELLOW	XXXX	SAWCUT
B	CONCRETE CURB AND GUTTER 6-INCH SLOPED 36-INCH TYPE D	G	REMOVING ASPHALTIC SURFACE		R/W
C	REMOVING CONCRETE SIDEWALK	H	ASPHALTIC SURFACE (3-INCH)		
D	CONCRETE SIDEWALK 5-INCH	J	ADJUSTING CATCH BASIN COVERS		
E	CURB RAMP DETECTABLE WARNING FIELD YELLOW	K	RECONSTRUCTING CATCH BASINS		

DRAINAGE CLEAN
STORM SEWER STRUCTURE

SALVAGE SANITARY
SEWER STRUCTURES

SALVAGE SANITARY
SEWER STRUCTURES

WORK DONE
BY OTHERS

REMOVE VAULT AND REPLACE WITH
ENTIRE BOX TOP AND LID
12-INCH

WATERMAIN
REMOVE AND REPLACE BOX TOP AND LID
6-INCH

+00.04

+43.02

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	PLAN DETAILS	SHEET 60 E

2

LEGEND

- A — REMOVING CURB AND GUTTER
- B — CONCRETE CURB AND GUTTER 6-INCH SLOPED 36-INCH TYPE D
- C — REMOVING CONCRETE SIDEWALK
- D — CONCRETE SIDEWALK 5-INCH
- E — CURB RAMP DETECTABLE WARNING FIELD YELLOW
- F — CURB RAMP DETECTABLE WARNING FIELD RADIAL YELLOW
- G — REMOVING ASPHALTIC SURFACE
- H — ASPHALTIC SURFACE (3-INCH)
- J — ADJUSTING CATCH BASIN COVERS
- K — RECONSTRUCTING CATCH BASINS
- XXXX — SAWCUT
- R/W

REMOVING ASPHALTIC SURFACE MILLING, 4-INCH
HMA PAVEMENT, 4-INCH

* SEE CURB RAMP DETAIL SHEETS

CURB RAMP GRADING, SHAPING AND FINISHING

SALVAGE SANITARY SEWER STRUCTURES

REMOVING CONCRETE PAVEMENT PARTIAL DEPTH, 5 1/4-INCH

WATERMAIN REMOVE AND REPLACE VALVE BOX TOP SECTION AND LID 12-INCH

CURB RAMP GRADING, SHAPING AND FINISHING

SALVAGE SANITARY SEWER STRUCTURES

REMOVING CONCRETE PAVEMENT PARTIAL DEPTH, 5 1/4-INCH

REMOVE VAULT AND REPLACE WITH ENTIRE VALVE BOX AND LID 12-INCH

SALVAGE SANITARY SEWER STRUCTURES

CURB RAMP GRADING, SHAPING AND FINISHING

REMOVE VAULT AND REPLACE ENTIRE VAULT BOX AND LID 12-INCH

CURB RAMP GRADING, SHAPING AND FINISHING

ADJUSTING SANITARY MH

STH 164

400+00 401+00 402+00 403+00 404+00 405+00 406+0

+43.02 +68.48 +51.77

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	PLAN DETAILS	SHEET 61 E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\021201A_PD.DWG
LAYOUT NAME - 50

PLOT DATE : 4/30/2026 10:59 AM PLOT BY : DILLINGHAM, MATTHEW PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

REMOVING ASPHALTIC SURFACE MILLING 4-INCH HMA PAVEMENT, 4-INCH

END PROJECT STATION 408+00

N

CURB RAMP GRADING, SHAPING AND FINISHING

SALVAGE SANITARY SEWER STRUCTURES

REMOVING CONCRETE PAVEMENT PARTIAL DEPTH, 5 1/4-INCH

406+00 407+00 408+00 409+00 410+00

REMOVING ASPHALTIC SURFACE BUTT JOINTS

REMOVE VAULT AND REPLACE WITH ENTIRE VALVE BOX AND LID 12-INCH

FIX CODE NO.3 6-INCH

+72.00

+92.90

* SEE CURB RAMP DETAIL SHEETS

CURB RAMP GRADING, SHAPING AND FINISHING

LEGEND

A	REMOVING CURB AND GUTTER	F	CURB RAMP DETECTABLE WARNING FIELD RADIAL YELLOW	XXXX	SAWCUT
B	CONCRETE CURB AND GUTTER 6-INCH SLOPED 36-INCH TYPE D	G	REMOVING ASPHALTIC SURFACE		R/W
C	REMOVING CONCRETE SIDEWALK	H	ASPHALTIC SURFACE (3-INCH)		
D	CONCRETE SIDEWALK 5-INCH	J	ADJUSTING CATCH BASIN COVERS		
E	CURB RAMP DETECTABLE WARNING FIELD YELLOW	K	RECONSTRUCTING CATCH BASINS		

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	PLAN DETAILS	SHEET 62	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\021201A_PD.DWG
LAYOUT NAME - 51

PLOT DATE : 4/30/2026 11:01 AM PLOT BY : DILLINGHAM, MATTHEW PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

LEGEND

A	REMOVING CURB AND GUTTER	F	CURB RAMP DETECTABLE WARNING FIELD RADIAL YELLOW
B	CONCRETE CURB AND GUTTER 6-INCH SLOPED 36-INCH TYPE D	G	REMOVING ASPHALTIC SURFACE
C	REMOVING CONCRETE SIDEWALK	H	ASPHALTIC SURFACE (3-INCH)
D	CONCRETE SIDEWALK 5-INCH	J	ADJUSTING CATCH BASIN COVERS
E	CURB RAMP DETECTABLE WARNING FIELD YELLOW	K	RECONSTRUCTING CATCH BASINS

XXXX SAWCUT

R/W

N

REMOVING ASPHALTIC SURFACE BUTT JOINTS

STA 45+06.77

COUNTY K

CURB RAMP GRADING, SHAPING AND FINISHING

+93.13

+81.83

44+00 45+00 46+00 47+00 48+00 49+00

LISBON RD

SANITARY SEWER STRUCTURE FIX CODE NO. 2

SAN

REMOVING ASPHALTIC SURFACE MILLING 4-INCH HMA PAVEMENT, 4-INCH

+53.43

* SEE CURB RAMP DETAIL SHEETS

CURB RAMP GRADING, SHAPING AND FINISHING

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	CTH K	SHEET 63	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\021201A_PD.DWG
LAYOUT NAME - CTH K

PLOT DATE : 4/29/2026 12:11 PM PLOT BY : MARSHALL, DAWN L PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

N

REMOVING ASPHALTIC SURFACE MILLING 4-INCH
HMA PAVEMENT, 4-INCH

TRANSFORMER

TRANSFORMER

STA 54+71.31

LISBON RD

51+00 52+00 53+00 54+00 55+00 56+00 57+00

COUNTY K

REMOVING ASPHALTIC SURFACE
BUTT JOINTS

+60.99

CURB RAMP
GRADING, SHAPING
AND FINISHING

TRANSFORMER

LEGEND

A	REMOVING CURB AND GUTTER	F	CURB RAMP DETECTABLE WARNING FIELD RADIAL YELLOW	XXXX	SAWCUT
B	CONCRETE CURB AND GUTTER 6-INCH SLOPED 36-INCH TYPE D	G	REMOVING ASPHALTIC SURFACE		R/W
C	REMOVING CONCRETE SIDEWALK	H	ASPHALTIC SURFACE (3-INCH)		
D	CONCRETE SIDEWALK 5-INCH	J	ADJUSTING CATCH BASIN COVERS		
E	CURB RAMP DETECTABLE WARNING FIELD YELLOW	K	RECONSTRUCTING CATCH BASINS		

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	CTH K	SHEET 64	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\021201A_PD.DWG
LAYOUT NAME - CTH K (1)
PLOT DATE : 4/29/2026 12:12 PM
PLOT BY : MARSHALL, DAWN L
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

LEGEND

A	REMOVING CURB AND GUTTER	F	CURB RAMP DETECTABLE WARNING FIELD RADIAL YELLOW	XXXX	SAWCUT
B	CONCRETE CURB AND GUTTER 6-INCH SLOPED 36-INCH TYPE D	G	REMOVING ASPHALTIC SURFACE		R/W
C	REMOVING CONCRETE SIDEWALK	H	ASPHALTIC SURFACE (3-INCH)		
D	CONCRETE SIDEWALK 5-INCH	J	ADJUSTING CATCH BASIN COVERS		
E	CURB RAMP DETECTABLE WARNING FIELD YELLOW	K	RECONSTRUCTING CATCH BASINS		

REMOVING ASPHALTIC
SURFACE MILLING 4-INCH
HMA PAVEMENT, 4-INCH

CURB RAMP
GRADING, SHAPING
AND FINISHING

STA 105+76

COUNTY VV (MAIN ST)

REMOVING ASPHALTIC SURFACE
BUTT JOINTS

104+00 105+00 106+00 107+00 108+00

SILVER SPRING DR

CURB RAMP
GRADING, SHAPING
AND FINISHING

TRANSFORMER

* SEE CURB RAMP
DETAIL SHEETS

2

WATERMAIN
REMOVE AND REPLACE VALVE TOP BOX
SECTION AND LID
12-INCH

CURB RAMP
GRADING, SHAPING
AND FINISHING

REMOVE VAULT
AND REPLACE
ENTIRE VAULT BOX
AND LID
12-INCH

SALVAGE SANITARY
SEWER STRUCTURES

REMOVING ASPHALTIC
SURFACE MILLING 4-INCH
HMA PAVEMENT, 4-INCH

ADJUSTING
SANITARY MH

ADJUSTING MH

ADJUSTING MH

REMOVING ASPHALTIC SURFACE
BUTT JOINTS

SILVER SPRING DR

111+00 112+00 113+00 114+00 115+00 116+00 117+00

COUNTY VV (MAIN ST)

ADJUSTING MH

CURB RAMP
GRADING, SHAPING
AND FINISHING

STH 164

REMOVING CONC. PARTIAL DEPTH, 5 1/4

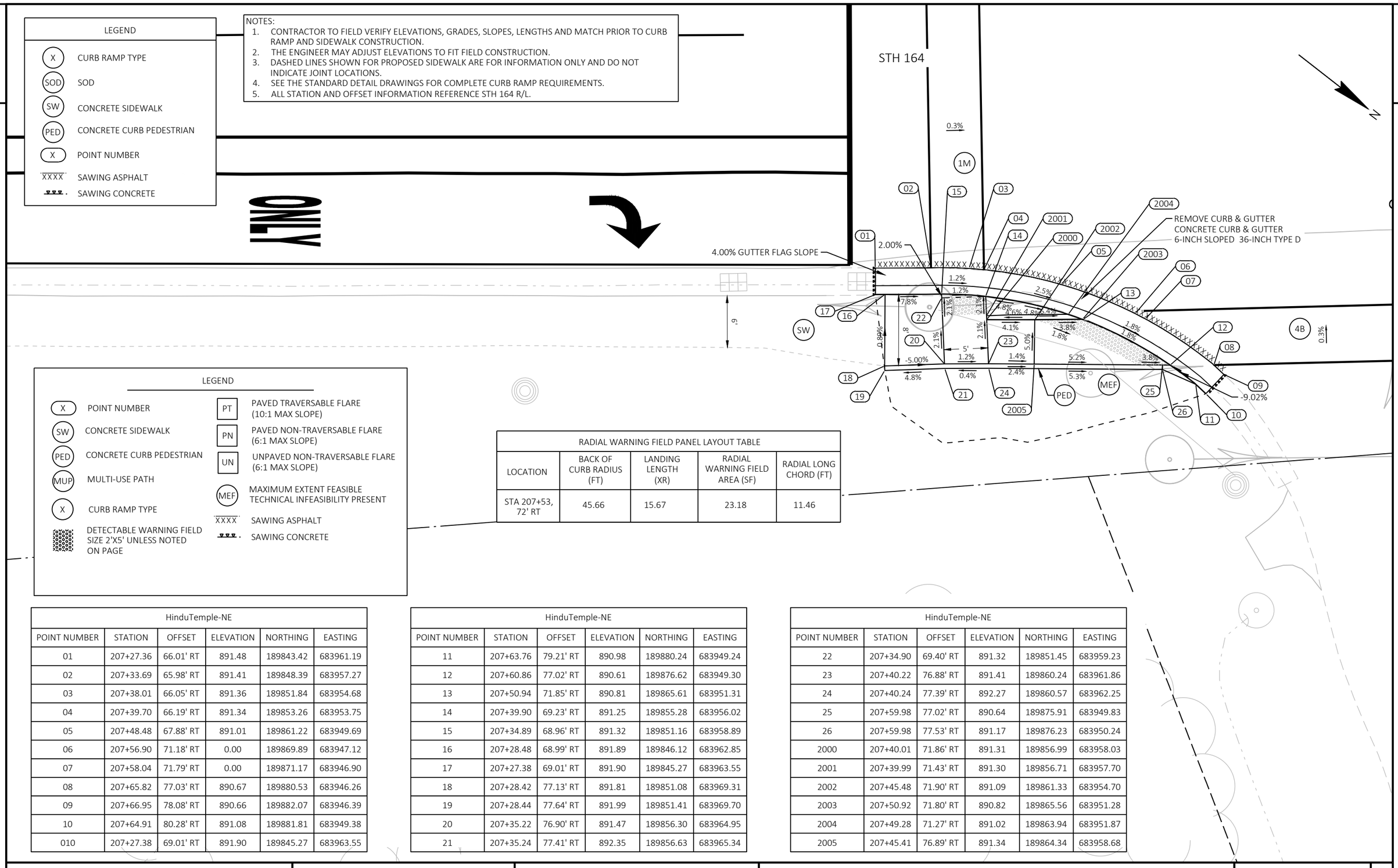
LEGEND

A	REMOVING CURB AND GUTTER	F	CURB RAMP DETECTABLE WARNING FIELD RADIAL YELLOW	XXXX	SAWCUT
B	CONCRETE CURB AND GUTTER 6-INCH SLOPED 36-INCH TYPE D	G	REMOVING ASPHALTIC SURFACE		R/W
C	REMOVING CONCRETE SIDEWALK	H	ASPHALTIC SURFACE (3-INCH)		
D	CONCRETE SIDEWALK 5-INCH	J	ADJUSTING CATCH BASIN COVERS		
E	CURB RAMP DETECTABLE WARNING FIELD YELLOW	K	RECONSTRUCTING CATCH BASINS		

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	CTH V V	SHEET 66	E

LEGEND	
X	CURB RAMP TYPE
SOD	SOD
SW	CONCRETE SIDEWALK
PED	CONCRETE CURB PEDESTRIAN
X	POINT NUMBER
XXXX	SAWING ASPHALT
	SAWING CONCRETE

NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS AND MATCH PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONSTRUCTION.
3. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE JOINT LOCATIONS.
4. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.
5. ALL STATION AND OFFSET INFORMATION REFERENCE STH 164 R/L.



LEGEND			
X	POINT NUMBER	PT	PAVED TRAVERSABLE FLARE (10:1 MAX SLOPE)
SW	CONCRETE SIDEWALK	PN	PAVED NON-TRAVERSABLE FLARE (6:1 MAX SLOPE)
PED	CONCRETE CURB PEDESTRIAN	UN	UNPAVED NON-TRAVERSABLE FLARE (6:1 MAX SLOPE)
MUP	MULTI-USE PATH	MEF	MAXIMUM EXTENT FEASIBLE TECHNICAL INFEASIBILITY PRESENT
X	CURB RAMP TYPE	XXXX	SAWING ASPHALT
	DETECTABLE WARNING FIELD SIZE 2'X5' UNLESS NOTED ON PAGE		SAWING CONCRETE

RADIAL WARNING FIELD PANEL LAYOUT TABLE				
LOCATION	BACK OF CURB RADIUS (FT)	LANDING LENGTH (XR)	RADIAL WARNING FIELD AREA (SF)	RADIAL LONG CHORD (FT)
STA 207+53, 72' RT	45.66	15.67	23.18	11.46

HinduTemple-NE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
01	207+27.36	66.01' RT	891.48	189843.42	683961.19
02	207+33.69	65.98' RT	891.41	189848.39	683957.27
03	207+38.01	66.05' RT	891.36	189851.84	683954.68
04	207+39.70	66.19' RT	891.34	189853.26	683953.75
05	207+48.48	67.88' RT	891.01	189861.22	683949.69
06	207+56.90	71.18' RT	0.00	189869.89	683947.12
07	207+58.04	71.79' RT	0.00	189871.17	683946.90
08	207+65.82	77.03' RT	890.67	189880.53	683946.26
09	207+66.95	78.08' RT	890.66	189882.07	683946.39
10	207+64.91	80.28' RT	891.08	189881.81	683949.38
010	207+27.38	69.01' RT	891.90	189845.27	683963.55

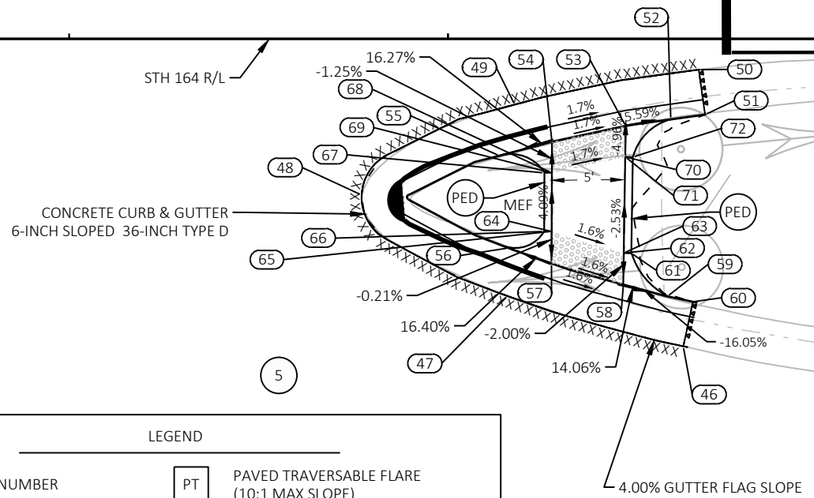
HinduTemple-NE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
11	207+63.76	79.21' RT	890.98	189880.24	683949.24
12	207+60.86	77.02' RT	890.61	189876.62	683949.30
13	207+50.94	71.85' RT	890.81	189865.61	683951.31
14	207+39.90	69.23' RT	891.25	189855.28	683956.02
15	207+34.89	68.96' RT	891.32	189851.16	683958.89
16	207+28.48	68.99' RT	891.89	189846.12	683962.85
17	207+27.38	69.01' RT	891.90	189845.27	683963.55
18	207+28.42	77.13' RT	891.81	189851.08	683969.31
19	207+28.44	77.64' RT	891.99	189851.41	683969.70
20	207+35.22	76.90' RT	891.47	189856.30	683964.95
21	207+35.24	77.41' RT	892.35	189856.63	683965.34

HinduTemple-NE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
22	207+34.90	69.40' RT	891.32	189851.45	683959.23
23	207+40.22	76.88' RT	891.41	189860.24	683961.86
24	207+40.24	77.39' RT	892.27	189860.57	683962.25
25	207+59.98	77.02' RT	890.64	189875.91	683949.83
26	207+59.98	77.53' RT	891.17	189876.23	683950.24
2000	207+40.01	71.86' RT	891.31	189856.99	683958.03
2001	207+39.99	71.43' RT	891.30	189856.71	683957.70
2002	207+45.48	71.90' RT	891.09	189861.33	683954.70
2003	207+50.92	71.80' RT	890.82	189865.56	683951.28
2004	207+49.28	71.27' RT	891.02	189863.94	683951.87
2005	207+45.41	76.89' RT	891.34	189864.34	683958.68

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	CURB RAMP DETAILS - HINDU TEMPLE NE RAMP	SHEET 67	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\023101SOUTH-CR.DWG
LAYOUT NAME - 01
PLOT DATE : 4/28/2026 8:04 AM
PLOT BY : OATES, KYLE
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

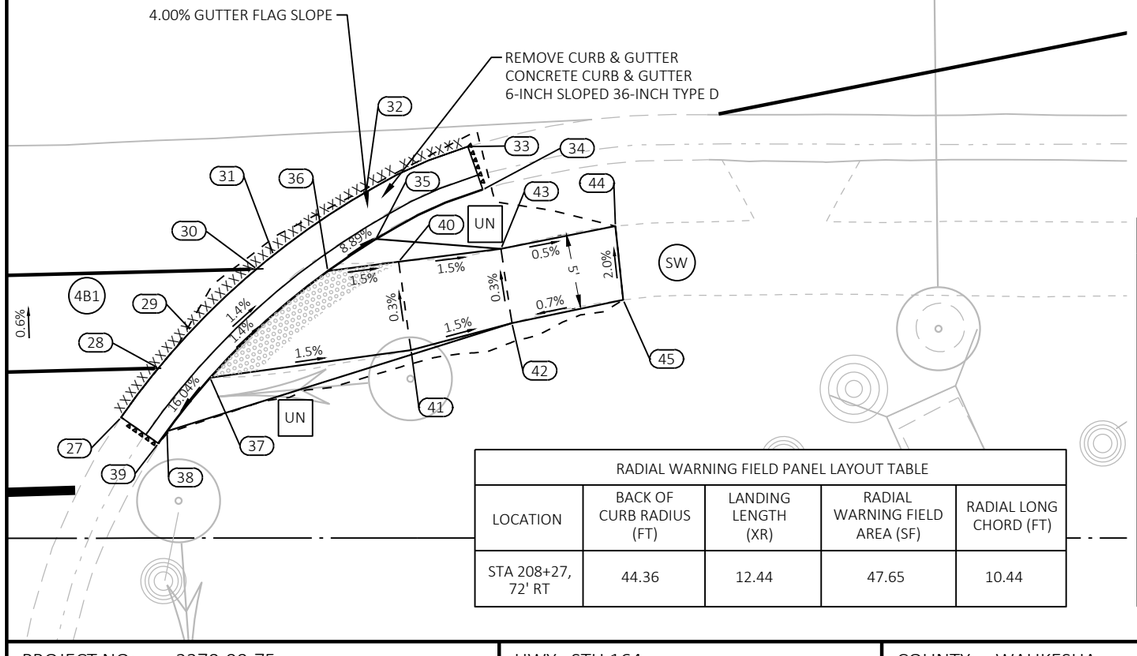
NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS AND MATCH PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONSTRUCTION.
3. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE JOINT LOCATIONS.
4. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.
5. ALL STATION AND OFFSET INFORMATION REFERENCE STH 164 R/L.



LEGEND

X — POINT NUMBER	PT — PAVED TRAVERSABLE FLARE (10:1 MAX SLOPE)
SW — CONCRETE SIDEWALK	PN — PAVED NON-TRAVERSABLE FLARE (6:1 MAX SLOPE)
PED — CONCRETE CURB PEDESTRIAN	UN — UNPAVED NON-TRAVERSABLE FLARE (6:1 MAX SLOPE)
MUP — MULTI-USE PATH	MEF — MAXIMUM EXTENT FEASIBLE TECHNICAL INFEASIBILITY PRESENT
X — CURB RAMP TYPE	XXXX — SAWING ASPHALT
DETECTABLE WARNING FIELD SIZE 2'X5' UNLESS NOTED ON PAGE	SAWING CONCRETE

STH 164



CostcoDr-Median					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
46	208+65.52	20.28' RT	889.21	189924.34	683840.23
47	208+53.93	16.96' RT	889.41	189913.15	683844.73
48	208+44.29	10.30' RT	889.50	189901.45	683845.39
49	208+54.40	4.34' RT	889.14	189905.76	683834.48
50	208+66.55	2.03' RT	888.85	189913.93	683825.19
51	208+66.96	5.00' RT	889.27	189916.08	683827.28
52	208+64.70	5.31' RT	889.31	189914.49	683828.92
53	208+61.72	5.74' RT	888.93	189912.40	683831.08
54	208+56.86	6.79' RT	889.01	189909.21	683834.90
55	208+53.39	7.71' RT	889.62	189907.04	683837.76
56	208+54.01	13.80' RT	889.80	189911.27	683842.18
57	208+56.83	14.81' RT	889.30	189914.11	683841.25
58	208+61.57	16.22' RT	889.22	189918.72	683839.45
59	208+64.48	16.99' RT	889.66	189921.49	683838.27

CostcoDr-Median					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
60	208+66.16	17.35' RT	889.63	189923.04	683837.52
61	208+62.10	14.14' RT	889.76	189917.86	683837.48
62	208+61.61	14.13' RT	889.76	189917.47	683837.78
63	208+61.60	14.13' RT	889.19	189917.46	683837.78
64	208+56.84	12.70' RT	889.27	189912.83	683839.58
65	208+56.83	12.70' RT	889.81	189912.82	683839.59
66	208+56.34	12.70' RT	889.81	189912.43	683839.88
67	208+56.36	8.83' RT	889.54	189910.07	683836.82
68	208+56.85	8.84' RT	889.49	189910.46	683836.52
69	208+56.86	8.84' RT	889.11	189910.46	683836.52
70	208+61.69	7.79' RT	889.03	189913.64	683832.72
71	208+61.70	7.79' RT	889.44	189913.64	683832.71
72	208+62.19	7.80' RT	889.44	189914.04	683832.42

HinduTemple-NW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
27	208+15.09	79.00' RT	890.31	189920.62	683917.54
28	208+17.57	75.77' RT	890.12	189920.59	683913.47
29	208+19.74	73.28' RT	890.01	189920.77	683910.17
30	208+24.04	69.22' RT	889.94	189921.67	683904.32
31	208+25.16	68.29' RT	889.92	189921.98	683902.90
32	208+31.26	64.14' RT	889.69	189924.24	683895.88
33	208+37.97	61.14' RT	889.40	189927.70	683889.39
34	208+38.97	63.97' RT	889.82	189930.22	683891.01
35	208+31.91	67.24' RT	890.15	189926.66	683897.93
36	208+28.74	69.34' RT	889.81	189925.45	683901.53

HinduTemple-NW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
37	208+20.97	76.38' RT	889.95	189923.64	683911.87
38	208+18.12	79.92' RT	890.68	189923.57	683916.41
39	208+17.55	80.72' RT	890.73	189923.61	683917.39
40	208+33.42	68.73' RT	889.74	189928.77	683898.18
41	208+34.22	74.57' RT	889.75	189932.99	683902.29
42	208+40.89	72.78' RT	889.65	189937.15	683896.78
43	208+40.16	67.89' RT	889.64	189933.57	683893.37
44	208+47.71	66.39' RT	889.60	189938.61	683887.55
45	208+48.23	71.25' RT	889.70	189942.00	683891.07

RADIAL WARNING FIELD PANEL LAYOUT TABLE				
LOCATION	BACK OF CURB RADIUS (FT)	LANDING LENGTH (XR)	RADIAL WARNING FIELD AREA (SF)	RADIAL LONG CHORD (FT)
STA 208+27, 72' RT	44.36	12.44	47.65	10.44

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	CURB RAMP DETAILS - HINDU TEMPLE NW & COSTCO DR MEDIAN RAMP	SHEET 68	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\023101SOUTH-CR.DWG
LAYOUT NAME - 02
PLOT DATE : 4/28/2026 8:05 AM PLOT BY : OATES, KYLE PLOT NAME : PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

2

LEGEND

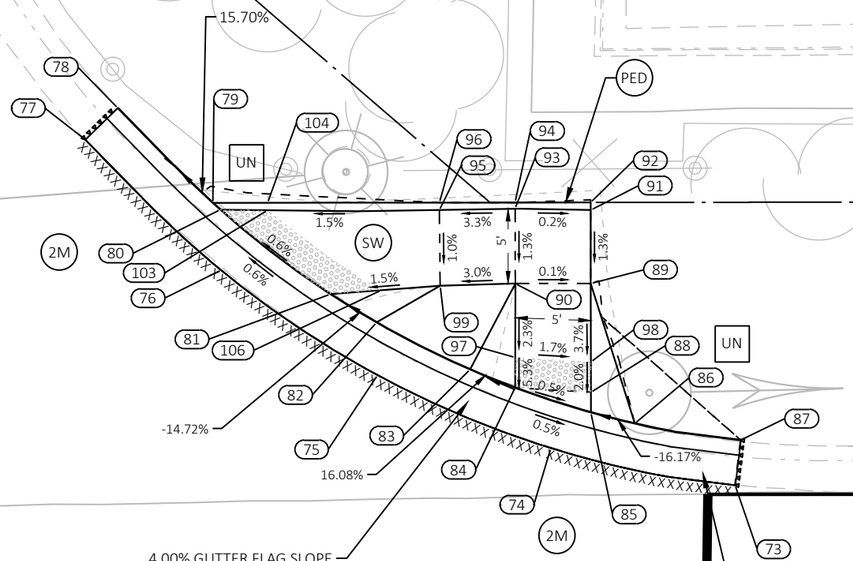
X — POINT NUMBER	PT — PAVED TRAVERSABLE FLARE (10:1 MAX SLOPE)
SW — CONCRETE SIDEWALK	PN — PAVED NON-TRAVERSABLE FLARE (6:1 MAX SLOPE)
PED — CONCRETE CURB PEDESTRIAN	UN — UNPAVED NON-TRAVERSABLE FLARE (6:1 MAX SLOPE)
MUP — MULTI-USE PATH	MEF — MAXIMUM EXTENT FEASIBLE TECHNICAL INFEASIBILITY PRESENT
X — CURB RAMP TYPE	XXXX — SAWING ASPHALT
DETECTABLE WARNING FIELD SIZE 2'X5' UNLESS NOTED ON PAGE	SAWING CONCRETE

CostcoDr-SW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
73	208+70.75	54.34' LT	888.59	189882.61	683778.14
74	208+58.60	56.77' LT	888.79	189871.54	683783.68
75	208+47.16	61.59' LT	888.81	189859.54	683786.91
76	208+36.85	68.52' LT	888.73	189847.15	683787.77
77	208+27.88	77.12' LT	888.61	189834.79	683786.50
78	208+30.02	79.22' LT	889.03	189835.19	683783.53
79	208+36.29	72.95' LT	888.63	189843.99	683784.62
80	208+36.79	72.51' LT	888.64	189844.66	683784.67
81	208+44.05	66.93' LT	888.69	189853.81	683784.60

CostcoDr-SW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
82	208+47.09	65.06' LT	889.22	189857.36	683784.21
83	208+53.26	61.96' LT	889.25	189864.14	683782.87
84	208+56.24	60.75' LT	888.73	189867.23	683781.99
85	208+61.24	59.12' LT	888.70	189872.18	683780.20
86	208+64.14	58.38' LT	889.19	189874.91	683779.01
87	208+71.12	57.31' LT	889.01	189881.08	683775.57
88	208+61.24	60.46' LT	888.71	189871.35	683779.15
89	208+61.23	67.64' LT	888.95	189866.93	683773.49
90	208+56.26	67.63' LT	888.95	189863.01	683776.55

CostcoDr-SW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
91	208+61.23	72.48' LT	889.01	189863.95	683769.67
92	208+61.23	72.98' LT	889.51	189863.65	683769.28
93	208+56.24	72.56' LT	889.02	189859.97	683772.67
94	208+56.24	72.98' LT	889.52	189859.72	683772.34
95	208+51.24	72.48' LT	888.85	189856.08	683775.81
96	208+51.24	72.97' LT	889.35	189855.77	683775.42
97	208+56.25	62.75' LT	888.84	189866.00	683780.41
98	208+61.24	62.47' LT	888.76	189870.12	683777.57
99	208+51.29	67.48' LT	888.80	189859.19	683779.72

CostcoDr-SW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
103	208+39.90	72.47' LT	888.68	189847.14	683782.78
104	208+39.90	72.96' LT	889.11	189846.84	683782.40
106	208+47.41	67.19' LT	888.80	189856.31	683782.33



RADIAL WARNING FIELD PANEL LAYOUT TABLE				
LOCATION	BACK OF CURB RADIUS (FT)	LANDING LENGTH (XR)	RADIAL WARNING FIELD AREA (SF)	RADIAL LONG CHORD (FT)
STA 208+42, 69' LT	61.69	10.63	61.69	9.15

NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS AND MATCH PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONSTRUCTION.
3. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE JOINT LOCATIONS.
4. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.
5. ALL STATION AND OFFSET INFORMATION REFERENCE STH 164 R/L.

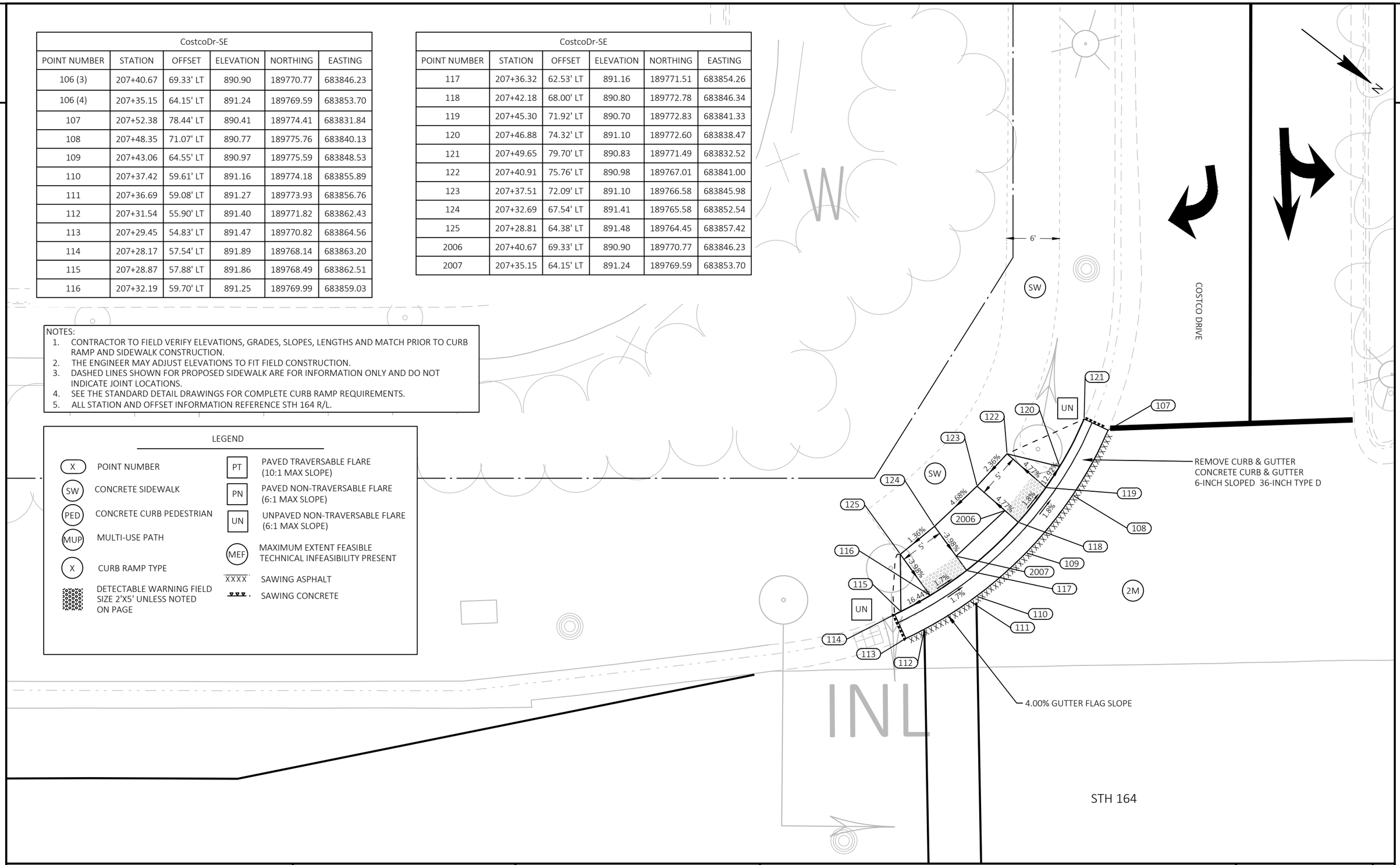
CostcoDr-SE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
106 (3)	207+40.67	69.33' LT	890.90	189770.77	683846.23
106 (4)	207+35.15	64.15' LT	891.24	189769.59	683853.70
107	207+52.38	78.44' LT	890.41	189774.41	683831.84
108	207+48.35	71.07' LT	890.77	189775.76	683840.13
109	207+43.06	64.55' LT	890.97	189775.59	683848.53
110	207+37.42	59.61' LT	891.16	189774.18	683855.89
111	207+36.69	59.08' LT	891.27	189773.93	683856.76
112	207+31.54	55.90' LT	891.40	189771.82	683862.43
113	207+29.45	54.83' LT	891.47	189770.82	683864.56
114	207+28.17	57.54' LT	891.89	189768.14	683863.20
115	207+28.87	57.88' LT	891.86	189768.49	683862.51
116	207+32.19	59.70' LT	891.25	189769.99	683859.03

CostcoDr-SE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
117	207+36.32	62.53' LT	891.16	189771.51	683854.26
118	207+42.18	68.00' LT	890.80	189772.78	683846.34
119	207+45.30	71.92' LT	890.70	189772.83	683841.33
120	207+46.88	74.32' LT	891.10	189772.60	683838.47
121	207+49.65	79.70' LT	890.83	189771.49	683832.52
122	207+40.91	75.76' LT	890.98	189767.01	683841.00
123	207+37.51	72.09' LT	891.10	189766.58	683845.98
124	207+32.69	67.54' LT	891.41	189765.58	683852.54
125	207+28.81	64.38' LT	891.48	189764.45	683857.42
2006	207+40.67	69.33' LT	890.90	189770.77	683846.23
2007	207+35.15	64.15' LT	891.24	189769.59	683853.70

NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS AND MATCH PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONSTRUCTION.
3. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE JOINT LOCATIONS.
4. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.
5. ALL STATION AND OFFSET INFORMATION REFERENCE STH 164 R/L.

LEGEND

- (X) POINT NUMBER
- (SW) CONCRETE SIDEWALK
- (PED) CONCRETE CURB PEDESTRIAN
- (MUP) MULTI-USE PATH
- (X) CURB RAMP TYPE
- DETECTABLE WARNING FIELD SIZE 2'X5' UNLESS NOTED ON PAGE
- [PT] PAVED TRAVERSABLE FLARE (10:1 MAX SLOPE)
- [PN] PAVED NON-TRAVERSABLE FLARE (6:1 MAX SLOPE)
- [UN] UNPAVED NON-TRAVERSABLE FLARE (6:1 MAX SLOPE)
- (MEF) MAXIMUM EXTENT FEASIBLE TECHNICAL INFEASIBILITY PRESENT
- XXXX SAWING ASPHALT
- SAWING CONCRETE



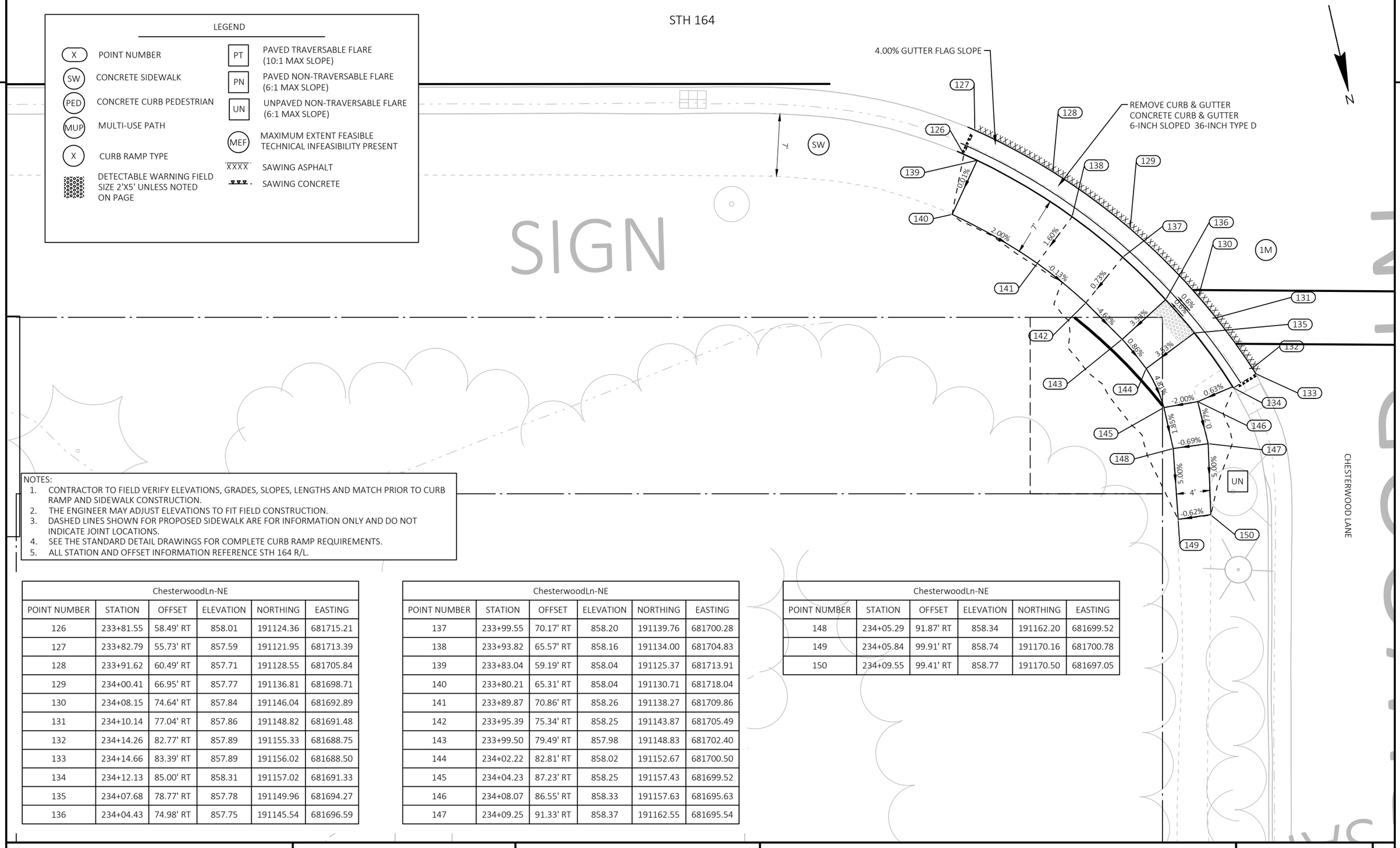
INL

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	CURB RAMP DETAILS - COSTCO DR SE RAMP	SHEET 70	E

STH 164

LEGEND

X — POINT NUMBER	PT — PAVED TRAVERSABLE FLARE (10:1 MAX SLOPE)
SW — CONCRETE SIDEWALK	PN — PAVED NON-TRAVERSABLE FLARE (6:1 MAX SLOPE)
PED — CONCRETE CURB PEDESTRIAN	UN — UNPAVED NON-TRAVERSABLE FLARE (6:1 MAX SLOPE)
MUP — MULTI-USE PATH	MEF — MAXIMUM EXTENT FEASIBLE TECHNICAL INFEASIBILITY PRESENT
X — CURB RAMP TYPE	XXXX — SAWING ASPHALT
DETECTABLE WARNING FIELD SIZE 2'X5' UNLESS NOTED ON PAGE	SAWING CONCRETE

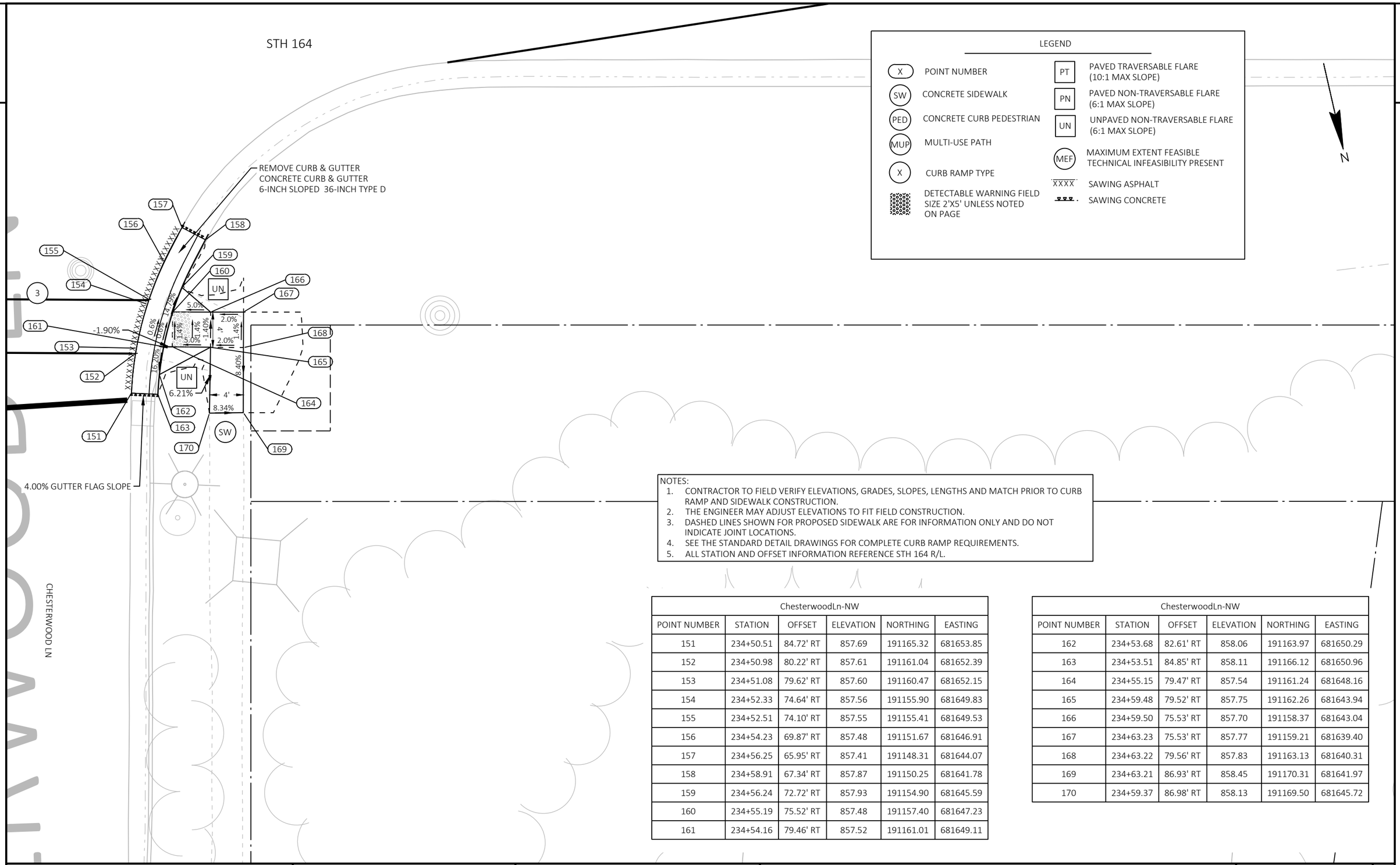


NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS AND MATCH PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONSTRUCTION.
3. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE JOINT LOCATIONS.
4. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.
5. ALL STATION AND OFFSET INFORMATION REFERENCE STH 164 R/L.

ChesterwoodLn-NE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
126	233+81.55	58.49' RT	858.01	191124.36	681715.21
127	233+82.79	55.73' RT	857.59	191121.95	681713.39
128	233+91.62	60.49' RT	857.71	191128.55	681705.84
129	234+00.41	66.95' RT	857.77	191136.81	681698.71
130	234+08.15	74.64' RT	857.84	191146.04	681692.89
131	234+10.14	77.04' RT	857.86	191148.82	681691.48
132	234+14.26	82.77' RT	857.89	191155.33	681688.75
133	234+14.66	83.39' RT	857.89	191156.02	681688.50
134	234+12.13	85.00' RT	858.31	191157.02	681691.33
135	234+07.68	78.77' RT	857.78	191149.96	681694.27
136	234+04.43	74.98' RT	857.75	191145.54	681696.59

ChesterwoodLn-NE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
137	233+99.55	70.17' RT	858.20	191139.76	681700.28
138	233+93.82	65.57' RT	858.16	191134.00	681704.83
139	233+83.04	59.19' RT	858.04	191125.37	681713.91
140	233+80.21	65.31' RT	858.04	191130.71	681718.04
141	233+89.87	70.86' RT	858.26	191138.27	681709.86
142	233+95.39	75.34' RT	858.25	191143.87	681705.49
143	233+99.50	79.49' RT	857.98	191148.83	681702.40
144	234+02.22	82.81' RT	858.02	191152.67	681700.50
145	234+04.23	87.23' RT	858.25	191157.43	681699.52
146	234+08.07	86.55' RT	858.33	191157.63	681695.63
147	234+09.25	91.33' RT	858.37	191162.55	681695.54

ChesterwoodLn-NE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
148	234+05.29	91.87' RT	858.34	191162.20	681699.52
149	234+05.84	99.91' RT	858.74	191170.16	681700.78
150	234+09.55	99.41' RT	858.77	191170.50	681697.05



LEGEND

X	POINT NUMBER	PT	PAVED TRAVERSABLE FLARE (10:1 MAX SLOPE)
SW	CONCRETE SIDEWALK	PN	PAVED NON-TRAVERSABLE FLARE (6:1 MAX SLOPE)
PED	CONCRETE CURB PEDESTRIAN	UN	UNPAVED NON-TRAVERSABLE FLARE (6:1 MAX SLOPE)
MUP	MULTI-USE PATH	MEF	MAXIMUM EXTENT FEASIBLE TECHNICAL INFEASIBILITY PRESENT
X	CURB RAMP TYPE	XXXX	SAWING ASPHALT
	DETECTABLE WARNING FIELD SIZE 2'X5' UNLESS NOTED ON PAGE		SAWING CONCRETE

NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS AND MATCH PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONSTRUCTION.
3. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE JOINT LOCATIONS.
4. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.
5. ALL STATION AND OFFSET INFORMATION REFERENCE STH 164 R/L.

ChesterwoodLn-NW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
151	234+50.51	84.72' RT	857.69	191165.32	681653.85
152	234+50.98	80.22' RT	857.61	191161.04	681652.39
153	234+51.08	79.62' RT	857.60	191160.47	681652.15
154	234+52.33	74.64' RT	857.56	191155.90	681649.83
155	234+52.51	74.10' RT	857.55	191155.41	681649.53
156	234+54.23	69.87' RT	857.48	191151.67	681646.91
157	234+56.25	65.95' RT	857.41	191148.31	681644.07
158	234+58.91	67.34' RT	857.87	191150.25	681641.78
159	234+56.24	72.72' RT	857.93	191154.90	681645.59
160	234+55.19	75.52' RT	857.48	191157.40	681647.23
161	234+54.16	79.46' RT	857.52	191161.01	681649.11

ChesterwoodLn-NW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
162	234+53.68	82.61' RT	858.06	191163.97	681650.29
163	234+53.51	84.85' RT	858.11	191166.12	681650.96
164	234+55.15	79.47' RT	857.54	191161.24	681648.16
165	234+59.48	79.52' RT	857.75	191162.26	681643.94
166	234+59.50	75.53' RT	857.70	191158.37	681643.04
167	234+63.23	75.53' RT	857.77	191159.21	681639.40
168	234+63.22	79.56' RT	857.83	191163.13	681640.31
169	234+63.21	86.93' RT	858.45	191170.31	681641.97
170	234+59.37	86.98' RT	858.13	191169.50	681645.72

LEGEND

X	POINT NUMBER	PT	PAVED TRAVERSABLE FLARE (10:1 MAX SLOPE)
SW	CONCRETE SIDEWALK	PN	PAVED NON-TRAVERSABLE FLARE (6:1 MAX SLOPE)
PED	CONCRETE CURB PEDESTRIAN	UN	UNPAVED NON-TRAVERSABLE FLARE (6:1 MAX SLOPE)
MUP	MULTI-USE PATH	MEF	MAXIMUM EXTENT FEASIBLE TECHNICAL INFEASIBILITY PRESENT
X	CURB RAMP TYPE	XXXX	SAWING ASPHALT
	DETECTABLE WARNING FIELD SIZE 2'X5' UNLESS NOTED ON PAGE		SAWING CONCRETE

STH 164

N

REMOVE CURB & GUTTER
CONCRETE CURB & GUTTER
6-INCH SLOPED 36-INCH TYPE D

4.00% GUTTER FLAG SOPE

4.00% GUTTER FLAG SLOPE

NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS AND MATCH PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONSTRUCTION.
3. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE JOINT LOCATIONS.
4. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.
5. ALL STATION AND OFFSET INFORMATION REFERENCE STH 164 R/L.

CTHK-SE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
171	311+47.62	78.64' RT	903.33	197738.35	679823.40
172	311+51.18	81.10' RT	903.36	197741.87	679825.91
173	311+52.31	81.93' RT	903.36	197743.00	679826.75
174	311+54.62	83.72' RT	903.38	197745.28	679828.57
175	311+56.50	85.31' RT	903.40	197747.14	679830.18
176	311+57.89	86.54' RT	903.41	197748.52	679831.43
177	311+60.80	89.37' RT	903.43	197751.40	679834.29
178	311+58.65	91.46' RT	903.85	197749.22	679836.36
179	311+57.46	90.26' RT	903.84	197748.04	679835.15
180	311+55.10	88.06' RT	903.32	197745.71	679832.91

CTHK-SE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
181	311+50.44	84.28' RT	903.29	197741.10	679829.07
182	311+48.00	82.54' RT	903.76	197738.68	679827.31
183	311+45.92	81.11' RT	903.75	197736.62	679825.85
184	311+47.82	87.65' RT	903.58	197738.44	679832.41
185	311+52.15	91.42' RT	903.63	197742.72	679836.24
186	311+49.24	94.76' RT	903.72	197739.77	679839.55
187	311+44.64	91.29' RT	903.68	197735.21	679836.01
188	311+33.72	85.34' RT	903.77	197724.37	679829.93
189	311+36.04	80.33' RT	903.73	197726.75	679824.95

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	CURB RAMP DETAILS - CTH K SE RAMP	SHEET 73	E

CTHK-SW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
190	311+53.48	79.80' LT	903.48	197746.18	679665.05
191	311+51.24	76.34' LT	903.44	197743.90	679668.48
192	311+50.84	75.80' LT	903.43	197743.50	679669.02
193	311+48.74	73.06' LT	903.40	197741.36	679671.72
194	311+46.73	70.75' LT	903.36	197739.32	679674.01
195	311+46.00	69.99' LT	903.36	197738.58	679674.76
196	311+43.17	67.26' LT	903.32	197735.72	679677.46
197	311+41.14	69.47' LT	903.74	197733.72	679675.22
198	311+42.73	70.96' LT	903.76	197735.33	679673.75
199	311+44.81	73.11' LT	903.29	197737.44	679671.63

CTHK-SW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
200	311+47.99	76.97' LT	903.35	197740.66	679667.81
201	311+49.83	79.61' LT	903.88	197742.53	679665.20
202	311+50.90	81.33' LT	903.90	197743.62	679663.49
203	311+44.60	79.74' LT	903.60	197737.31	679665.00
204	311+41.37	75.92' LT	903.55	197734.03	679668.77
205	311+41.10	82.60' LT	903.69	197733.84	679662.09
206	311+37.88	78.76' LT	903.64	197730.58	679665.89
207	311+30.59	72.90' LT	903.71	197723.21	679671.66
208	311+33.43	69.23' LT	903.65	197726.00	679675.37

NOTES:
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2. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONSTRUCTION.
3. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE JOINT LOCATIONS.
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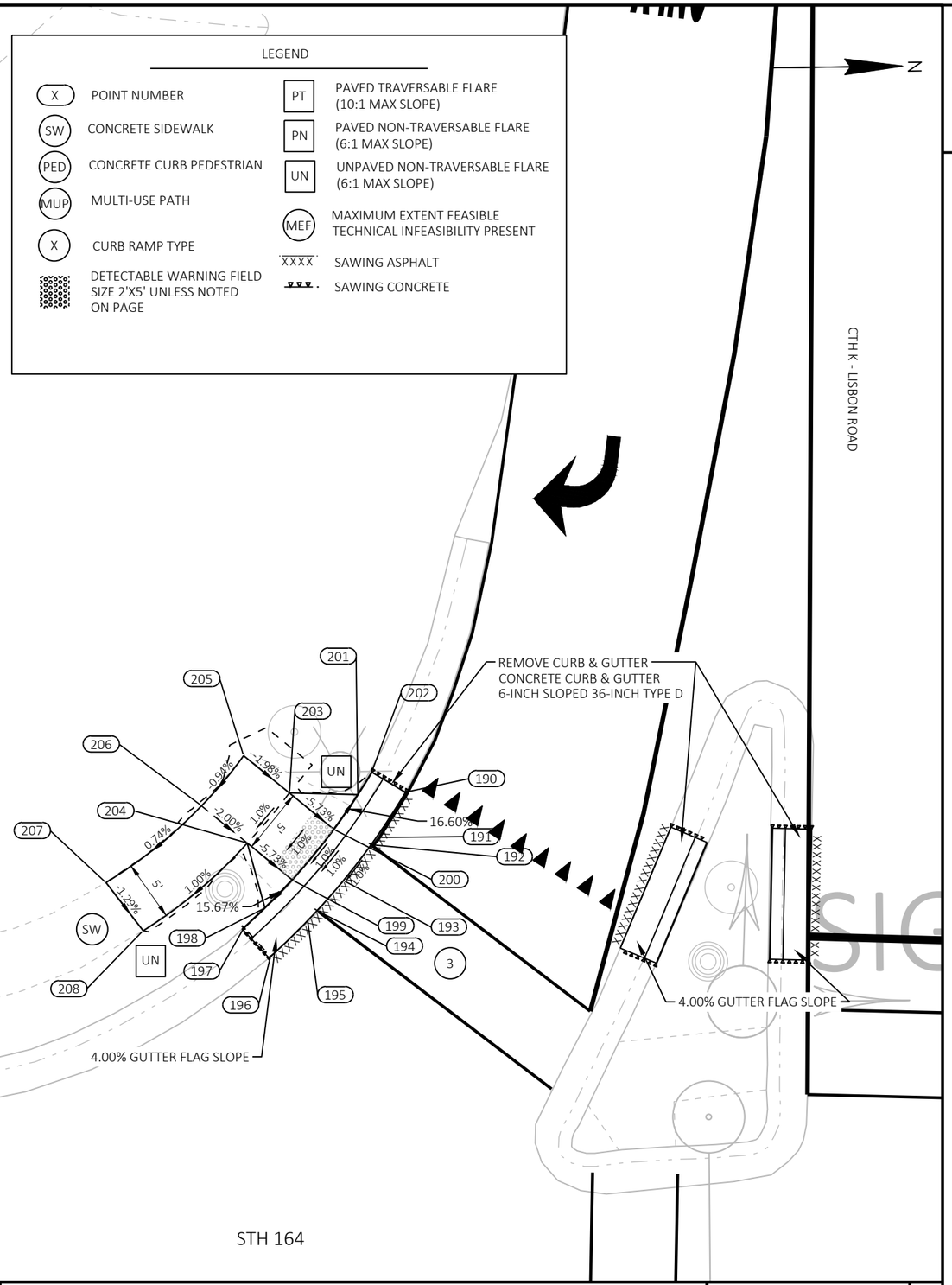
5. ALL STATION AND OFFSET INFORMATION REFERENCE STH 164 R/L.

LEGEND

- (X) POINT NUMBER
- (SW) CONCRETE SIDEWALK
- (PED) CONCRETE CURB PEDESTRIAN
- (MUP) MULTI-USE PATH
- (X) CURB RAMP TYPE
- DETECTABLE WARNING FIELD SIZE 2'X5' UNLESS NOTED ON PAGE
- (PT) PAVED TRAVERSABLE FLARE (10:1 MAX SLOPE)
- (PN) PAVED NON-TRAVERSABLE FLARE (6:1 MAX SLOPE)
- (UN) UNPAVED NON-TRAVERSABLE FLARE (6:1 MAX SLOPE)
- (MEF) MAXIMUM EXTENT FEASIBLE TECHNICAL INFEASIBILITY PRESENT
- XXXX SAWING ASPHALT
- SAWING CONCRETE



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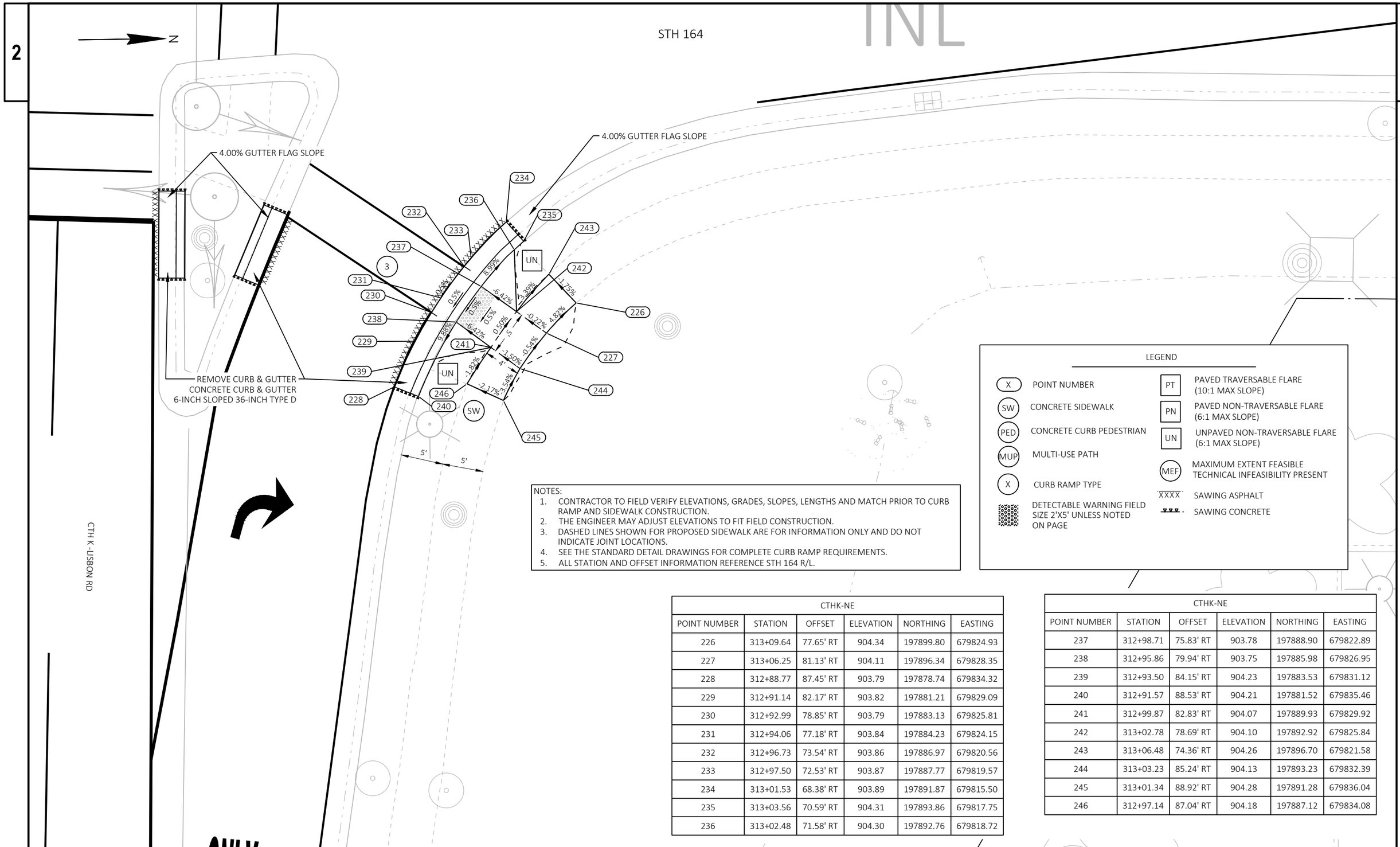
PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	CURB RAMP DETAILS - CTH K SW RAMP	SHEET 74	E



NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS AND MATCH PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.
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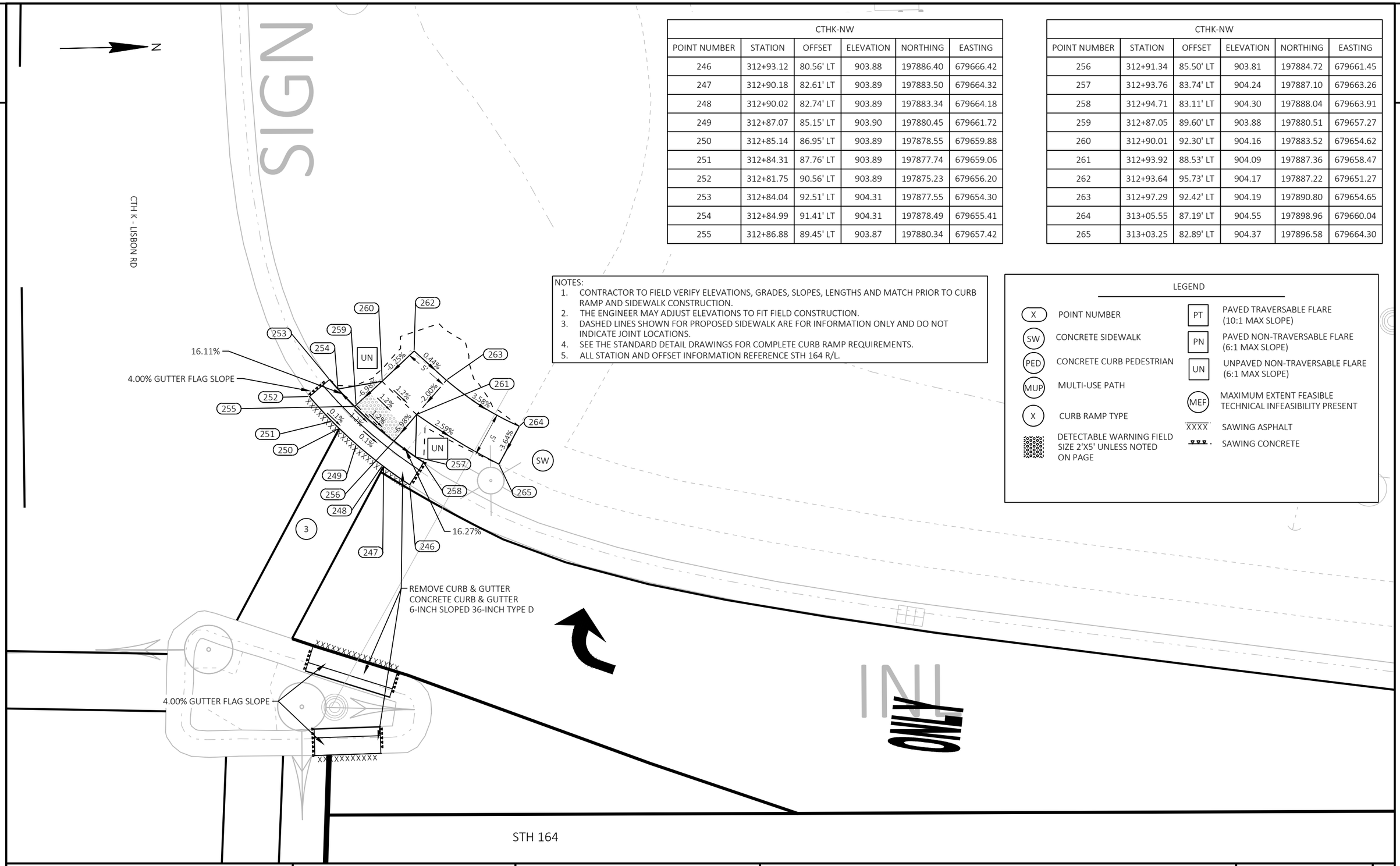
CTHK-NE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
226	313+09.64	77.65' RT	904.34	197899.80	679824.93
227	313+06.25	81.13' RT	904.11	197896.34	679828.35
228	312+88.77	87.45' RT	903.79	197878.74	679834.32
229	312+91.14	82.17' RT	903.82	197881.21	679829.09
230	312+92.99	78.85' RT	903.79	197883.13	679825.81
231	312+94.06	77.18' RT	903.84	197884.23	679824.15
232	312+96.73	73.54' RT	903.86	197886.97	679820.56
233	312+97.50	72.53' RT	903.87	197887.77	679819.57
234	313+01.53	68.38' RT	903.89	197891.87	679815.50
235	313+03.56	70.59' RT	904.31	197893.86	679817.75
236	313+02.48	71.58' RT	904.30	197892.76	679818.72

CTHK-NE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
237	312+98.71	75.83' RT	903.78	197888.90	679822.89
238	312+95.86	79.94' RT	903.75	197885.98	679826.95
239	312+93.50	84.15' RT	904.23	197883.53	679831.12
240	312+91.57	88.53' RT	904.21	197881.52	679835.46
241	312+99.87	82.83' RT	904.07	197889.93	679829.92
242	313+02.78	78.69' RT	904.10	197892.92	679825.84
243	313+06.48	74.36' RT	904.26	197896.70	679821.58
244	313+03.23	85.24' RT	904.13	197893.23	679832.39
245	313+01.34	88.92' RT	904.28	197891.28	679836.04
246	312+97.14	87.04' RT	904.18	197887.12	679834.08

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	CURB RAMP DETAILS - CTH K NE RAMP	SHEET 75	E



CTHK-NW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
246	312+93.12	80.56' LT	903.88	197886.40	679666.42
247	312+90.18	82.61' LT	903.89	197883.50	679664.32
248	312+90.02	82.74' LT	903.89	197883.34	679664.18
249	312+87.07	85.15' LT	903.90	197880.45	679661.72
250	312+85.14	86.95' LT	903.89	197878.55	679659.88
251	312+84.31	87.76' LT	903.89	197877.74	679659.06
252	312+81.75	90.56' LT	903.89	197875.23	679656.20
253	312+84.04	92.51' LT	904.31	197877.55	679654.30
254	312+84.99	91.41' LT	904.31	197878.49	679655.41
255	312+86.88	89.45' LT	903.87	197880.34	679657.42

CTHK-NW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
256	312+91.34	85.50' LT	903.81	197884.72	679661.45
257	312+93.76	83.74' LT	904.24	197887.10	679663.26
258	312+94.71	83.11' LT	904.30	197888.04	679663.91
259	312+87.05	89.60' LT	903.88	197880.51	679657.27
260	312+90.01	92.30' LT	904.16	197883.52	679654.62
261	312+93.92	88.53' LT	904.09	197887.36	679658.47
262	312+93.64	95.73' LT	904.17	197887.22	679651.27
263	312+97.29	92.42' LT	904.19	197890.80	679654.65
264	313+05.55	87.19' LT	904.55	197898.96	679660.04
265	313+03.25	82.89' LT	904.37	197896.58	679664.30

NOTES:
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3. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE JOINT LOCATIONS.
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5. ALL STATION AND OFFSET INFORMATION REFERENCE STH 164 R/L.

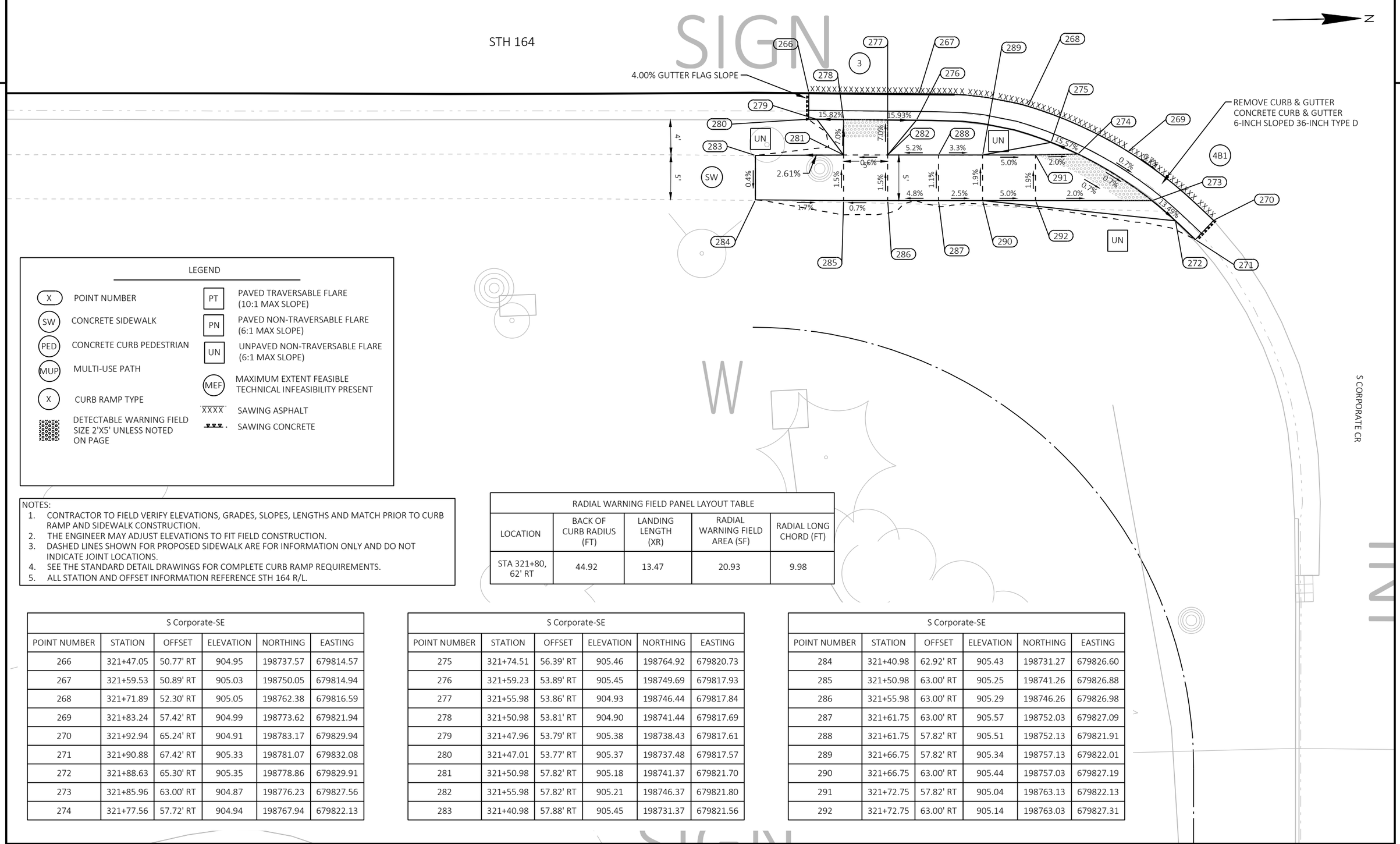
LEGEND

- X — POINT NUMBER
- SW — CONCRETE SIDEWALK
- PED — CONCRETE CURB PEDESTRIAN
- MUP — MULTI-USE PATH
- X — CURB RAMP TYPE
- DETECTABLE WARNING FIELD SIZE 2'X5' UNLESS NOTED ON PAGE
- PT — PAVED TRAVERSABLE FLARE (10:1 MAX SLOPE)
- PN — PAVED NON-TRAVERSABLE FLARE (6:1 MAX SLOPE)
- UN — UNPAVED NON-TRAVERSABLE FLARE (6:1 MAX SLOPE)
- MEF — MAXIMUM EXTENT FEASIBLE TECHNICAL INFEASIBILITY PRESENT
- XXXX — SAWING ASPHALT
- SAWING CONCRETE

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	CURB RAMP DETAILS - CTH K NW RAMP	SHEET 76	E

STH 164

SIGN



LEGEND

X — POINT NUMBER	PT — PAVED TRAVERSABLE FLARE (10:1 MAX SLOPE)
SW — CONCRETE SIDEWALK	PN — PAVED NON-TRAVERSABLE FLARE (6:1 MAX SLOPE)
PED — CONCRETE CURB PEDESTRIAN	UN — UNPAVED NON-TRAVERSABLE FLARE (6:1 MAX SLOPE)
MUP — MULTI-USE PATH	MEF — MAXIMUM EXTENT FEASIBLE TECHNICAL INFEASIBILITY PRESENT
X — CURB RAMP TYPE	XXXX — SAWING ASPHALT
DETECTABLE WARNING FIELD SIZE 2'X5' UNLESS NOTED ON PAGE	SAWING CONCRETE

NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS AND MATCH PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.
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RADIAL WARNING FIELD PANEL LAYOUT TABLE

LOCATION	BACK OF CURB RADIUS (FT)	LANDING LENGTH (XR)	RADIAL WARNING FIELD AREA (SF)	RADIAL LONG CHORD (FT)
STA 321+80, 62' RT	44.92	13.47	20.93	9.98

S Corporate-SE

POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
266	321+47.05	50.77' RT	904.95	198737.57	679814.57
267	321+59.53	50.89' RT	905.03	198750.05	679814.94
268	321+71.89	52.30' RT	905.05	198762.38	679816.59
269	321+83.24	57.42' RT	904.99	198773.62	679821.94
270	321+92.94	65.24' RT	904.91	198783.17	679829.94
271	321+90.88	67.42' RT	905.33	198781.07	679832.08
272	321+88.63	65.30' RT	905.35	198778.86	679829.91
273	321+85.96	63.00' RT	904.87	198776.23	679827.56
274	321+77.56	57.72' RT	904.94	198767.94	679822.13

S Corporate-SE

POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
275	321+74.51	56.39' RT	905.46	198764.92	679820.73
276	321+59.23	53.89' RT	905.45	198749.69	679817.93
277	321+55.98	53.86' RT	904.93	198746.44	679817.84
278	321+50.98	53.81' RT	904.90	198741.44	679817.69
279	321+47.96	53.79' RT	905.38	198738.43	679817.61
280	321+47.01	53.77' RT	905.37	198737.48	679817.57
281	321+50.98	57.82' RT	905.18	198741.37	679821.70
282	321+55.98	57.82' RT	905.21	198746.37	679821.80
283	321+40.98	57.88' RT	905.45	198731.37	679821.56

S Corporate-SE

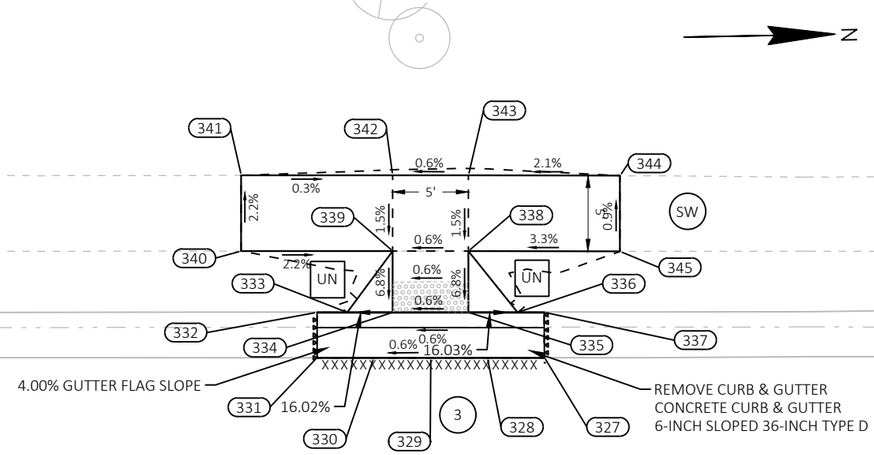
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
284	321+40.98	62.92' RT	905.43	198731.27	679826.60
285	321+50.98	63.00' RT	905.25	198741.26	679826.88
286	321+55.98	63.00' RT	905.29	198746.26	679826.98
287	321+61.75	63.00' RT	905.57	198752.03	679827.09
288	321+61.75	57.82' RT	905.51	198752.13	679821.91
289	321+66.75	57.82' RT	905.34	198757.13	679822.01
290	321+66.75	63.00' RT	905.44	198757.03	679827.19
291	321+72.75	57.82' RT	905.04	198763.13	679822.13
292	321+72.75	63.00' RT	905.14	198763.03	679827.31

S Corporate - SW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
327	321+60.98	47.00' LT	905.01	198753.43	679717.10
328	321+57.23	46.96' LT	904.99	198749.68	679717.06
329	321+53.48	46.96' LT	904.97	198745.93	679716.99
330	321+49.73	46.96' LT	904.94	198742.18	679716.92
331	321+45.98	46.96' LT	904.92	198738.44	679716.84
332	321+45.98	49.96' LT	905.34	198738.49	679713.84
333	321+47.98	49.96' LT	905.35	198740.49	679713.88
334	321+50.98	49.96' LT	904.87	198743.49	679713.94
335	321+55.98	49.96' LT	904.90	198748.49	679714.04
336	321+59.23	49.96' LT	905.42	198751.74	679714.10

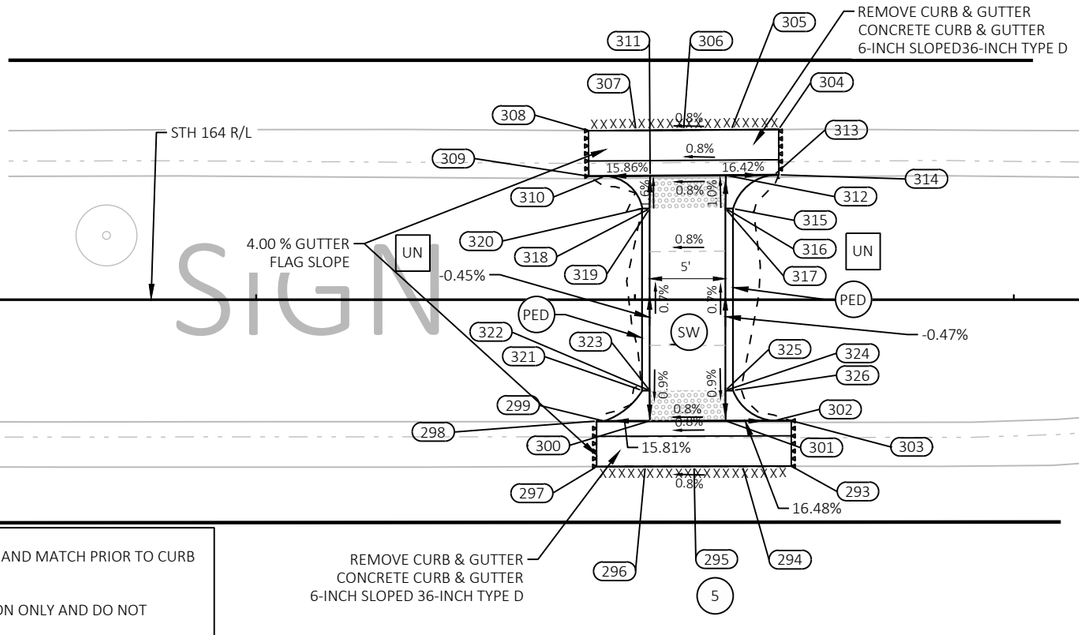
S Corporate - SW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
337	321+60.98	49.96' LT	905.44	198753.49	679714.14
338	321+55.98	54.00' LT	905.18	198748.57	679710.00
339	321+50.98	54.00' LT	905.15	198743.57	679709.90
340	321+40.98	54.00' LT	905.36	198733.57	679709.70
341	321+40.98	58.99' LT	905.25	198733.67	679704.71
342	321+50.98	59.00' LT	905.22	198743.67	679704.90
343	321+55.98	59.00' LT	905.25	198748.67	679705.00
344	321+65.98	58.98' LT	905.46	198758.67	679705.22
345	321+65.98	53.98' LT	905.51	198758.57	679710.22

S Corporate-Median					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
293	321+60.32	11.00' RT	905.19	198751.63	679775.07
294	321+57.11	11.00' RT	905.16	198748.42	679775.01
295	321+53.90	11.01' RT	905.14	198745.21	679774.95
296	321+50.69	11.01' RT	905.11	198742.00	679774.89
297	321+47.48	11.02' RT	905.08	198738.79	679774.83
298	321+47.48	8.02' RT	905.50	198738.84	679771.83
299	321+47.98	8.02' RT	905.51	198739.34	679771.84
300	321+50.98	8.01' RT	905.03	198742.35	679771.90
301	321+55.98	8.00' RT	905.07	198747.35	679771.99
302	321+59.18	8.00' RT	905.60	198750.54	679772.05
303	321+60.32	8.00' RT	905.61	198751.68	679772.07
304	321+59.48	11.22' LT	905.13	198751.22	679752.84
305	321+56.36	11.20' LT	905.10	198748.10	679752.80
306	321+53.22	11.18' LT	905.08	198744.96	679752.76
307	321+50.08	11.16' LT	905.05	198741.82	679752.71
308	321+46.94	11.14' LT	905.03	198738.68	679752.67
309	321+46.96	8.14' LT	905.45	198738.64	679755.67

S Corporate-Median					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
310	321+48.00	8.15' LT	905.45	198739.68	679755.69
311	321+51.00	8.17' LT	904.98	198742.68	679755.73
312	321+56.00	8.20' LT	905.02	198747.68	679755.79
313	321+59.20	8.22' LT	905.54	198750.88	679755.83
314	321+59.50	8.22' LT	905.55	198751.18	679755.84
315	321+56.48	6.00' LT	905.51	198748.12	679758.00
316	321+55.99	6.00' LT	905.51	198747.63	679757.99
317	321+55.98	6.00' LT	905.04	198747.62	679757.99
318	321+50.97	6.00' LT	905.47	198742.61	679757.89
319	321+50.98	6.00' LT	905.01	198742.62	679757.89
320	321+50.48	6.00' LT	905.47	198742.12	679757.88
321	321+50.48	6.00' RT	905.52	198741.89	679769.88
322	321+50.97	6.00' RT	905.52	198742.38	679769.89
323	321+50.98	6.00' RT	905.02	198742.39	679769.89
324	321+55.99	6.00' RT	905.56	198747.40	679769.99
325	321+55.98	6.00' RT	905.09	198747.39	679769.99
326	321+56.48	6.00' RT	905.56	198747.89	679770.00



STH 164



321+00

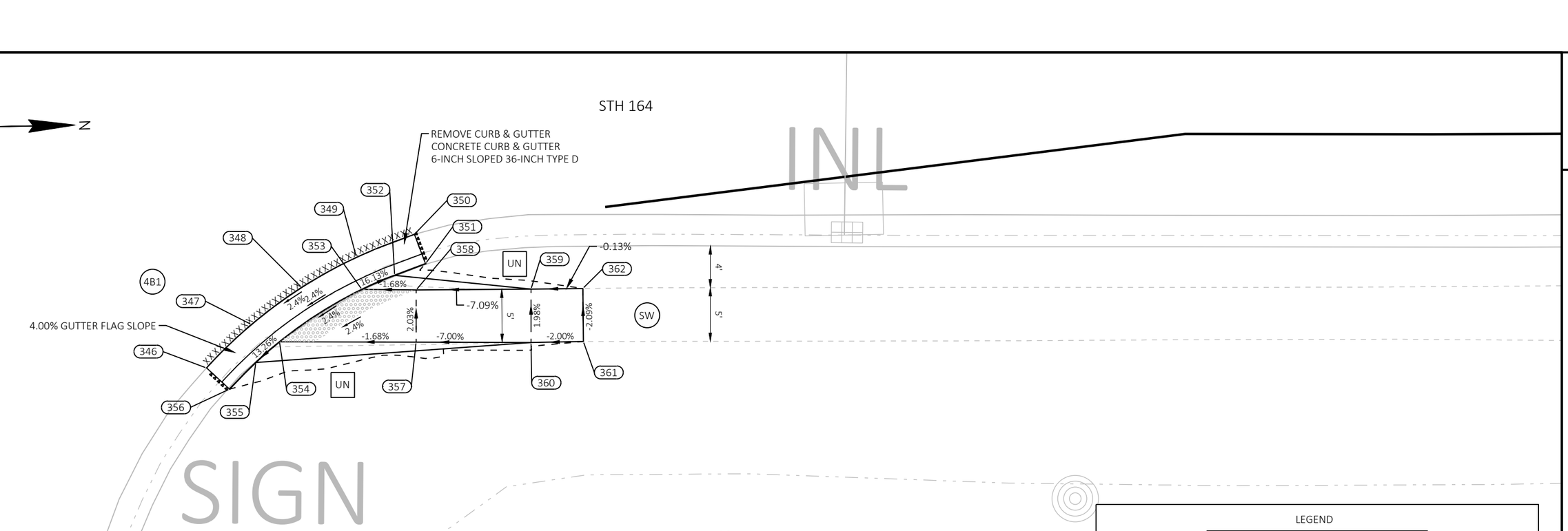
LEGEND

- X — POINT NUMBER
- SW — CONCRETE SIDEWALK
- PED — CONCRETE CURB PEDESTRIAN
- MUP — MULTI-USE PATH
- X — CURB RAMP TYPE
- DETECTABLE WARNING FIELD SIZE 2'X5' UNLESS NOTED ON PAGE
- PT — PAVED TRAVERSABLE FLARE (10:1 MAX SLOPE)
- PN — PAVED NON-TRAVERSABLE FLARE (6:1 MAX SLOPE)
- UN — UNPAVED NON-TRAVERSABLE FLARE (6:1 MAX SLOPE)
- MEF — MAXIMUM EXTENT FEASIBLE TECHNICAL INFEASIBILITY PRESENT
- XXXX — SAWING ASPHALT
- SAWING CONCRETE

NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS AND MATCH PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONSTRUCTION.
3. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE JOINT LOCATIONS.
4. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.
5. ALL STATION AND OFFSET INFORMATION REFERENCE STH 164 R/L.

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	CURB RAMP DETAILS - S CORPORATE CIRCLE SW & MEDIAN RAMPS	SHEET 78	E

STH 164



LEGEND

X — POINT NUMBER	PT — PAVED TRAVERSABLE FLARE (10:1 MAX SLOPE)
SW — CONCRETE SIDEWALK	PN — PAVED NON-TRAVERSABLE FLARE (6:1 MAX SLOPE)
PED — CONCRETE CURB PEDESTRIAN	UN — UNPAVED NON-TRAVERSABLE FLARE (6:1 MAX SLOPE)
MUP — MULTI-USE PATH	MEF — MAXIMUM EXTENT FEASIBLE TECHNICAL INFEASIBILITY PRESENT
X — CURB RAMP TYPE	XXXX — SAWING ASPHALT
DETECTABLE WARNING FIELD SIZE 2'X5' UNLESS NOTED ON PAGE	SAWING CONCRETE

RADIAL WARNING FIELD PANEL LAYOUT TABLE				
LOCATION	BACK OF CURB RADIUS (FT)	LANDING LENGTH (XR)	RADIAL WARNING FIELD AREA (SF)	RADIAL LONG CHORD (FT)
STA 323+52, 56' RT	41.46	13.08	20.35	9.32

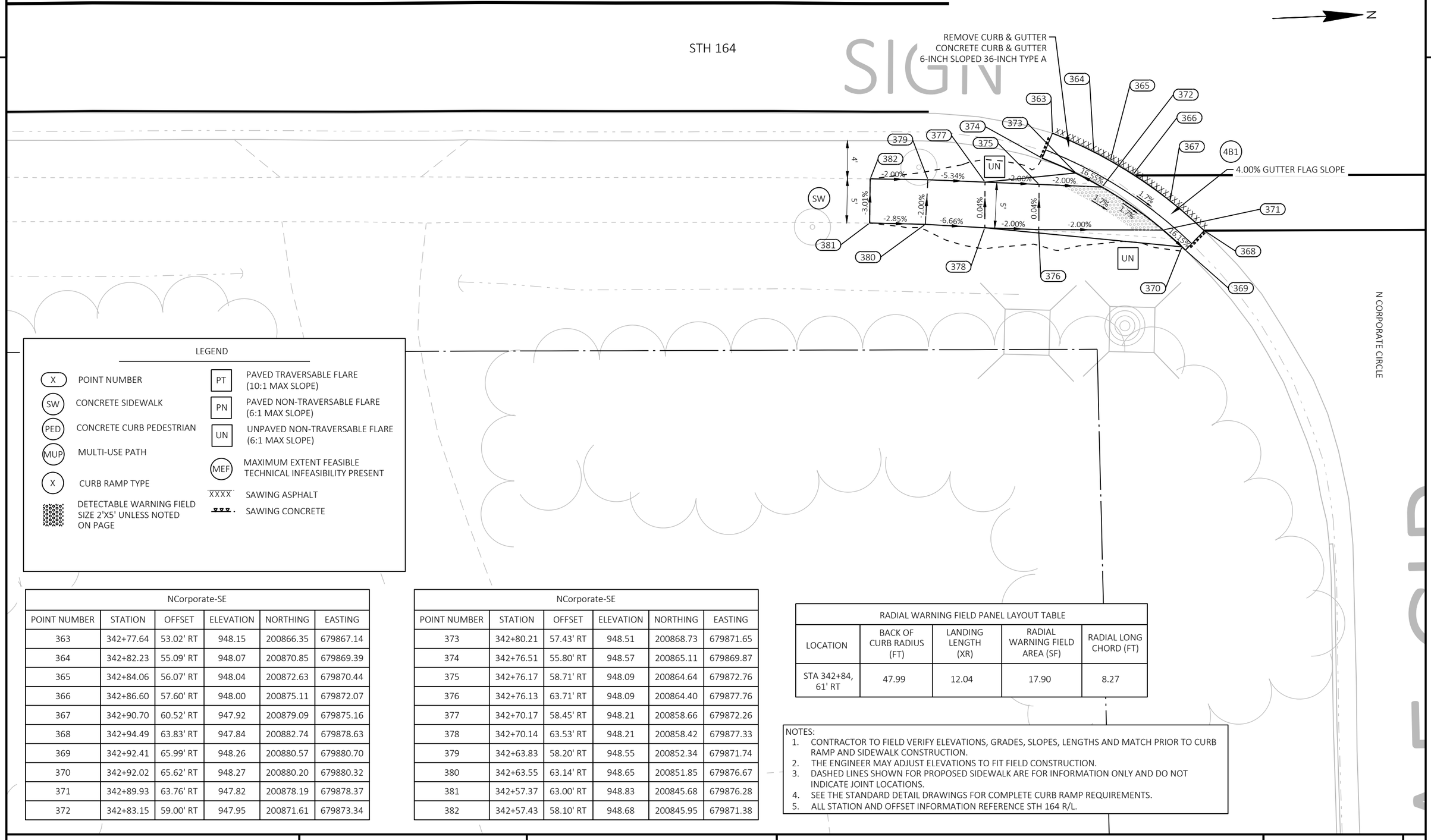
NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS AND MATCH PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONSTRUCTION.
3. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE JOINT LOCATIONS.
4. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.
5. ALL STATION AND OFFSET INFORMATION REFERENCE STH 164 R/L.

SCorporate-NE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
346	322+88.63	61.58' RT	905.68	198878.91	679828.17
347	322+92.92	57.41' RT	905.87	198883.28	679824.09
348	322+97.73	53.86' RT	906.03	198888.17	679820.64
349	323+02.98	50.99' RT	906.15	198893.47	679817.86
350	323+08.54	48.78' RT	906.24	198899.07	679815.77
351	323+09.60	51.59' RT	906.66	198900.07	679818.60
352	323+06.64	52.70' RT	906.61	198897.10	679819.65
353	323+03.50	54.06' RT	906.06	198893.93	679820.94
354	322+95.62	59.08' RT	905.82	198885.95	679825.81

SCorporate-NE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
355	322+93.34	61.05' RT	906.22	198883.64	679827.74
356	322+90.84	63.61' RT	906.10	198881.08	679830.24
357	323+08.70	59.11' RT	906.04	198899.03	679826.10
358	323+08.70	54.11' RT	906.14	198899.13	679821.09
359	323+19.70	54.02' RT	906.91	198910.12	679821.23
360	323+19.70	59.14' RT	906.81	198910.02	679826.34
361	323+24.71	59.04' RT	907.00	198915.04	679826.35
362	323+24.66	53.97' RT	906.89	198915.08	679821.27

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	CURB RAMP DETAILS - S CORPORATE CIRCLE NE RAMP	SHEET 79	E

SIGN



LEGEND

(X) POINT NUMBER	[PT] PAVED TRAVERSABLE FLARE (10:1 MAX SLOPE)
(SW) CONCRETE SIDEWALK	[PN] PAVED NON-TRAVERSABLE FLARE (6:1 MAX SLOPE)
(PED) CONCRETE CURB PEDESTRIAN	[UN] UNPAVED NON-TRAVERSABLE FLARE (6:1 MAX SLOPE)
(MUP) MULTI-USE PATH	(MEF) MAXIMUM EXTENT FEASIBLE TECHNICAL INFEASIBILITY PRESENT
(X) CURB RAMP TYPE	XXXX SAWING ASPHALT
DETECTABLE WARNING FIELD SIZE 2'X5' UNLESS NOTED ON PAGE	SAWING CONCRETE

NCorporate-SE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
363	342+77.64	53.02' RT	948.15	200866.35	679867.14
364	342+82.23	55.09' RT	948.07	200870.85	679869.39
365	342+84.06	56.07' RT	948.04	200872.63	679870.44
366	342+86.60	57.60' RT	948.00	200875.11	679872.07
367	342+90.70	60.52' RT	947.92	200879.09	679875.16
368	342+94.49	63.83' RT	947.84	200882.74	679878.63
369	342+92.41	65.99' RT	948.26	200880.57	679880.70
370	342+92.02	65.62' RT	948.27	200880.20	679880.32
371	342+89.93	63.76' RT	947.82	200878.19	679878.37
372	342+83.15	59.00' RT	947.95	200871.61	679873.34

NCorporate-SE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
373	342+80.21	57.43' RT	948.51	200868.73	679871.65
374	342+76.51	55.80' RT	948.57	200865.11	679869.87
375	342+76.17	58.71' RT	948.09	200864.64	679872.76
376	342+76.13	63.71' RT	948.09	200864.40	679877.76
377	342+70.17	58.45' RT	948.21	200858.66	679872.26
378	342+70.14	63.53' RT	948.21	200858.42	679877.33
379	342+63.83	58.20' RT	948.55	200852.34	679871.74
380	342+63.55	63.14' RT	948.65	200851.85	679876.67
381	342+57.37	63.00' RT	948.83	200845.68	679876.28
382	342+57.43	58.10' RT	948.68	200845.95	679871.38

RADIAL WARNING FIELD PANEL LAYOUT TABLE				
LOCATION	BACK OF CURB RADIUS (FT)	LANDING LENGTH (XR)	RADIAL WARNING FIELD AREA (SF)	RADIAL LONG CHORD (FT)
STA 342+84, 61' RT	47.99	12.04	17.90	8.27

NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS AND MATCH PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONSTRUCTION.
3. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE JOINT LOCATIONS.
4. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.
5. ALL STATION AND OFFSET INFORMATION REFERENCE STH 164 R/L.

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	CURB RAMP DETAILS - N CORPORATE CIRCLE SE RAMP	SHEET 80	E

Richmond-SW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
383	342+93.51	60.70' LT	948.05	200886.86	679754.16
384	342+92.79	60.10' LT	948.06	200886.11	679754.73
385	342+88.89	56.99' LT	948.12	200882.09	679757.68
386	342+84.17	53.94' LT	948.13	200877.25	679760.54
387	342+83.91	53.79' LT	948.13	200876.98	679760.68
388	342+78.58	51.19' LT	948.14	200871.55	679763.05
389	342+73.01	49.19' LT	948.12	200865.90	679764.82
390	342+72.05	52.04' LT	948.27	200865.06	679761.94
391	342+74.71	52.93' LT	948.55	200867.76	679761.15
392	342+77.52	54.00' LT	948.06	200870.61	679760.20

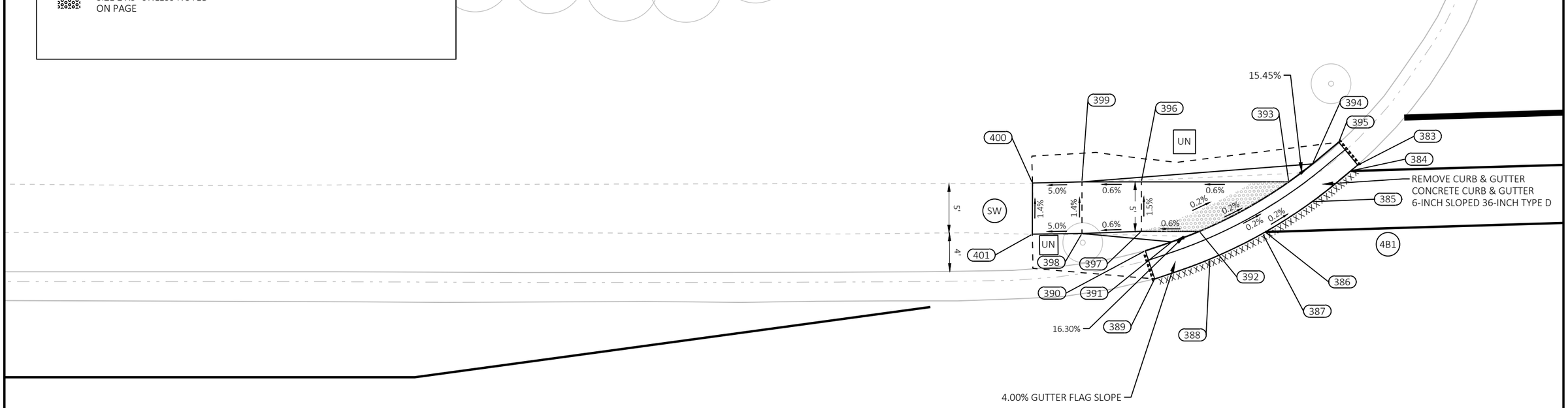
Richmond-SW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
393	342+86.54	59.00' LT	948.04	200879.83	679755.57
394	342+88.94	60.82' LT	948.51	200882.30	679753.86
395	342+91.60	63.01' LT	948.47	200885.04	679751.77
396	342+71.65	59.00' LT	947.95	200864.95	679754.97
397	342+71.65	54.00' LT	948.02	200864.75	679759.96
398	342+65.65	53.79' LT	947.99	200858.74	679759.93
399	342+65.65	59.00' LT	947.91	200858.96	679754.72
400	342+60.65	58.88' LT	947.66	200853.95	679754.64
401	342+60.65	53.71' LT	947.74	200853.74	679759.80

NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS AND MATCH PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONSTRUCTION.
3. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE JOINT LOCATIONS.
4. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.
5. ALL STATION AND OFFSET INFORMATION REFERENCE STH 164 R/L.

RADIAL WARNING FIELD PANEL LAYOUT TABLE				
LOCATION	BACK OF CURB RADIUS (FT)	LANDING LENGTH (XR)	RADIAL WARNING FIELD AREA (SF)	RADIAL LONG CHORD (FT)
STA 342+80, 56' LT	47.04	14.89	22.36	10.29

LEGEND

- (X) POINT NUMBER
- (SW) CONCRETE SIDEWALK
- (PED) CONCRETE CURB PEDESTRIAN
- (MUP) MULTI-USE PATH
- (X) CURB RAMP TYPE
- DETECTABLE WARNING FIELD SIZE 2'X5' UNLESS NOTED ON PAGE
- [PT] PAVED TRAVERSABLE FLARE (10:1 MAX SLOPE)
- [PN] PAVED NON-TRAVERSABLE FLARE (6:1 MAX SLOPE)
- [UN] UNPAVED NON-TRAVERSABLE FLARE (6:1 MAX SLOPE)
- (MEF) MAXIMUM EXTENT FEASIBLE TECHNICAL INFEASIBILITY PRESENT
- XXXX SAWING ASPHALT
- SAWING CONCRETE



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Richmond-NW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
402	344+08.62	52.81' LT	948.37	201001.55	679766.76
403	344+02.86	54.84' LT	948.32	200995.87	679764.49
404	343+97.36	57.52' LT	948.21	200990.49	679761.59
405	343+96.20	58.20' LT	948.18	200989.36	679760.86
406	343+92.23	60.84' LT	948.08	200985.50	679758.07
407	343+88.26	64.11' LT	948.02	200981.67	679754.64
408	343+87.53	64.75' LT	948.01	200980.97	679753.96
409	343+89.54	66.99' LT	948.43	200983.06	679751.81
410	343+91.97	64.83' LT	948.44	200985.40	679754.07
411	343+94.35	63.00' LT	948.01	200987.71	679755.99

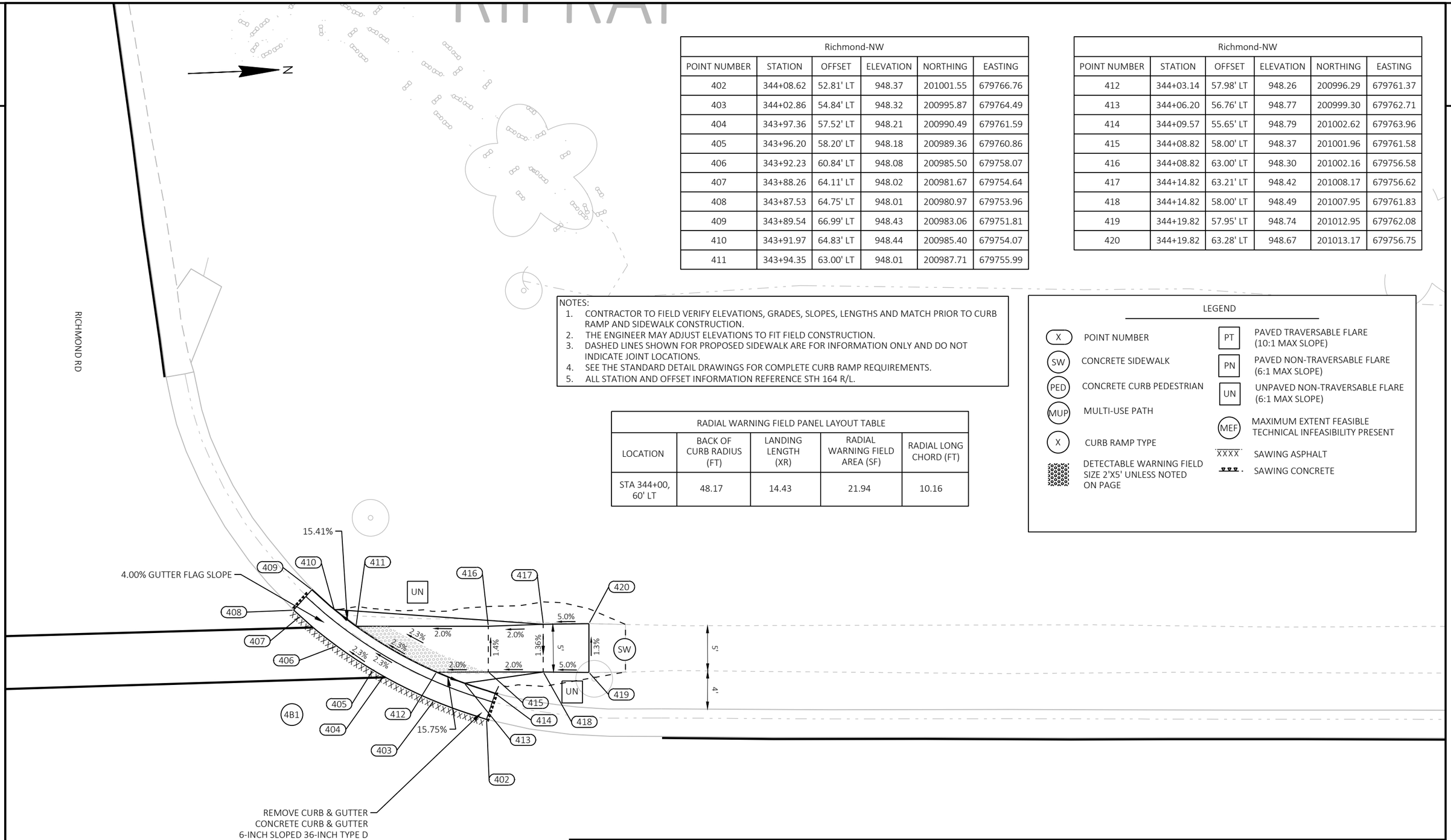
Richmond-NW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
412	344+03.14	57.98' LT	948.26	200996.29	679761.37
413	344+06.20	56.76' LT	948.77	200999.30	679762.71
414	344+09.57	55.65' LT	948.79	201002.62	679763.96
415	344+08.82	58.00' LT	948.37	201001.96	679761.58
416	344+08.82	63.00' LT	948.30	201002.16	679756.58
417	344+14.82	63.21' LT	948.42	201008.17	679756.62
418	344+14.82	58.00' LT	948.49	201007.95	679761.83
419	344+19.82	57.95' LT	948.74	201012.95	679762.08
420	344+19.82	63.28' LT	948.67	201013.17	679756.75

NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS AND MATCH PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONSTRUCTION.
3. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE JOINT LOCATIONS.
4. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.
5. ALL STATION AND OFFSET INFORMATION REFERENCE STH 164 R/L.

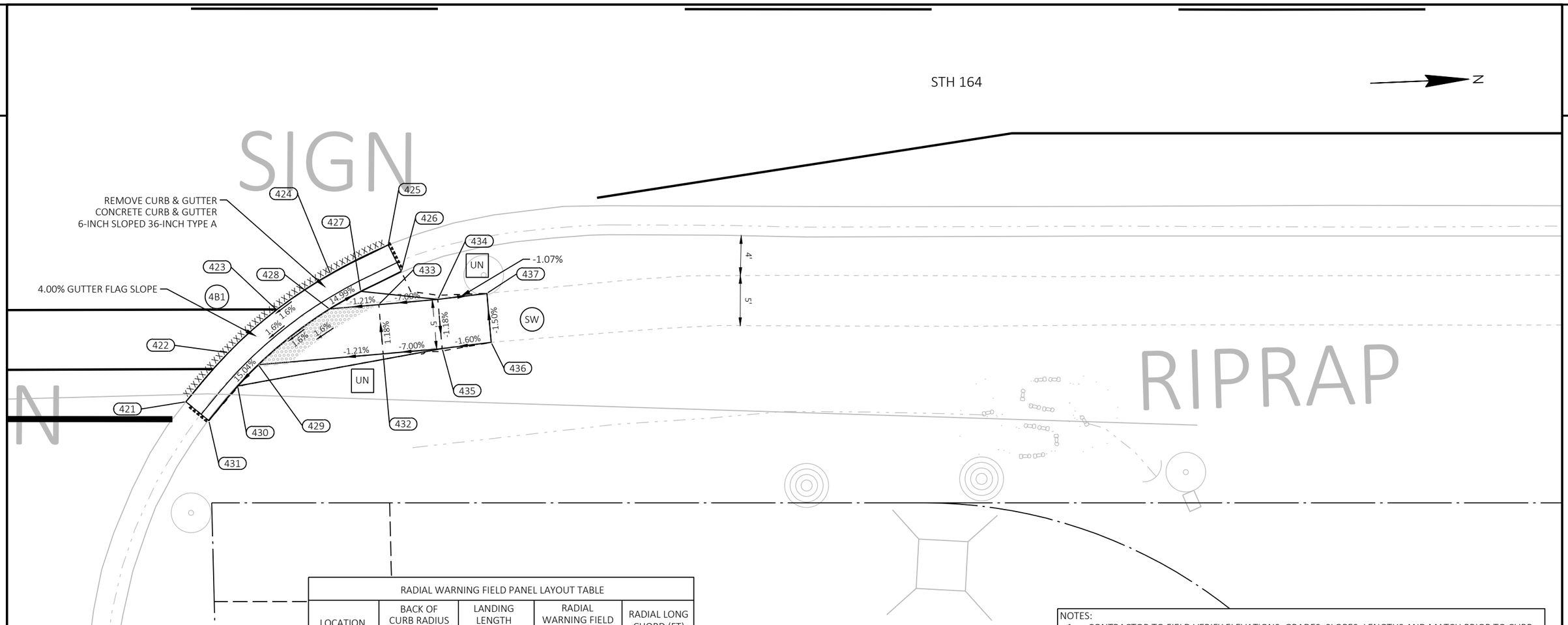
RADIAL WARNING FIELD PANEL LAYOUT TABLE				
LOCATION	BACK OF CURB RADIUS (FT)	LANDING LENGTH (XR)	RADIAL WARNING FIELD AREA (SF)	RADIAL LONG CHORD (FT)
STA 344+00, 60' LT	48.17	14.43	21.94	10.16

LEGEND

- (X) POINT NUMBER
- (SW) CONCRETE SIDEWALK
- (PED) CONCRETE CURB PEDESTRIAN
- (MUP) MULTI-USE PATH
- (X) CURB RAMP TYPE
- DETECTABLE WARNING FIELD SIZE 2'X5' UNLESS NOTED ON PAGE
- [PT] PAVED TRAVERSABLE FLARE (10:1 MAX SLOPE)
- [PN] PAVED NON-TRAVERSABLE FLARE (6:1 MAX SLOPE)
- [UN] UNPAVED NON-TRAVERSABLE FLARE (6:1 MAX SLOPE)
- (MEF) MAXIMUM EXTENT FEASIBLE TECHNICAL INFEASIBILITY PRESENT
- XXXX SAWING ASPHALT
- SAWING CONCRETE



PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	CURB RAMP DETAILS - RICHMOND RD NW RAMP	SHEET 82	E



RADIAL WARNING FIELD PANEL LAYOUT TABLE				
LOCATION	BACK OF CURB RADIUS (FT)	LANDING LENGTH (XR)	RADIAL WARNING FIELD AREA (SF)	RADIAL LONG CHORD (FT)
STA 343+97, 60' RT	43.40	12.20	19.72	9.14

LEGEND

X	POINT NUMBER	PT	PAVED TRAVERSABLE FLARE (10:1 MAX SLOPE)
SW	CONCRETE SIDEWALK	PN	PAVED NON-TRAVERSABLE FLARE (6:1 MAX SLOPE)
PED	CONCRETE CURB PEDESTRIAN	UN	UNPAVED NON-TRAVERSABLE FLARE (6:1 MAX SLOPE)
MUP	MULTI-USE PATH	MEF	MAXIMUM EXTENT FEASIBLE TECHNICAL INFEASIBILITY PRESENT
X	CURB RAMP TYPE	XXXX	SAWING ASPHALT
	DETECTABLE WARNING FIELD SIZE 2'X5' UNLESS NOTED ON PAGE		SAWING CONCRETE

NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS AND MATCH PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONSTRUCTION.
3. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE JOINT LOCATIONS.
4. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.
5. ALL STATION AND OFFSET INFORMATION REFERENCE STH 164 R/L.

N Corporate - NE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
421	343+84.53	66.77' RT	948.20	200972.58	679885.25
421 (1)	343+99.16	53.84' RT	948.50	200987.73	679872.93
422	343+88.82	61.81' RT	948.30	200977.08	679880.47
423	343+93.71	57.46' RT	948.40	200982.13	679876.33
424	343+99.16	53.84' RT	948.50	200987.73	679872.93
425	344+05.01	50.89' RT	948.53	200993.70	679870.22
426	344+06.35	53.58' RT	948.95	200994.92	679872.96
427	344+02.22	55.60' RT	948.93	200990.72	679874.81
428	343+99.08	57.38' RT	948.39	200987.50	679876.46

N Corporate - NE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
429	343+91.85	63.03' RT	948.24	200980.05	679881.81
430	343+89.77	65.18' RT	948.69	200977.89	679883.88
431	343+86.84	68.68' RT	948.62	200974.82	679887.25
432	344+04.50	61.92' RT	948.40	200992.74	679881.22
433	344+04.06	56.94' RT	948.45	200992.50	679876.23
434	344+10.03	56.41' RT	948.87	200998.49	679875.94
435	344+10.48	61.39' RT	948.82	200998.73	679880.93
436	344+15.44	60.76' RT	948.90	201003.71	679880.51
437	344+15.00	55.80' RT	948.82	201003.48	679875.54

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	CURB RAMP DETAILS - N CORPORATE CIRCLE NE RAMP	SHEET 83	E

LEGEND

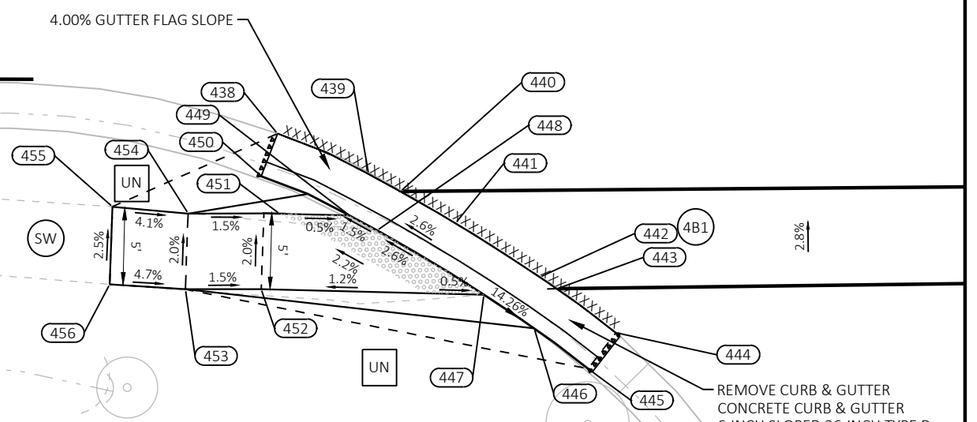
- X — POINT NUMBER
- SW — CONCRETE SIDEWALK
- PED — CONCRETE CURB PEDESTRIAN
- MUP — MULTI-USE PATH
- X — CURB RAMP TYPE
- DETECTABLE WARNING FIELD SIZE 2'X5' UNLESS NOTED ON PAGE
- PT — PAVED TRAVERSABLE FLARE (10:1 MAX SLOPE)
- PN — PAVED NON-TRAVERSABLE FLARE (6:1 MAX SLOPE)
- UN — UNPAVED NON-TRAVERSABLE FLARE (6:1 MAX SLOPE)
- MEF — MAXIMUM EXTENT FEASIBLE TECHNICAL INFEASIBILITY PRESENT
- XXXX — SAWING ASPHALT
- SAWING CONCRETE

STH 164

N

SIGN

W



4'

5'

CLOVER DR

SIGN

NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS AND MATCH PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONSTRUCTION.
3. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE JOINT LOCATIONS.
4. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.
5. ALL STATION AND OFFSET INFORMATION REFERENCE STH 164 R/L.

RADIAL WARNING FIELD PANEL LAYOUT TABLE

LOCATION	BACK OF CURB RADIUS (FT)	LANDING LENGTH (XR)	RADIAL WARNING FIELD AREA (SF)	RADIAL LONG CHORD (FT)
STA 351+70, 70' RT	121.55	13.54	21.20	10.31

CloverDr-SE

POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
438	351+62.68	54.25' RT	947.68	201750.59	679904.60
439	351+68.69	56.92' RT	947.73	201756.49	679907.51
440	351+70.79	58.06' RT	947.76	201758.54	679908.74
441	351+74.43	60.16' RT	947.87	201762.09	679910.99
442	351+79.98	63.71' RT	948.01	201767.49	679914.76
443	351+81.11	64.48' RT	948.04	201768.59	679915.57
444	351+85.01	67.39' RT	948.28	201772.36	679918.64
445	351+83.17	69.76' RT	948.70	201770.43	679920.93
446	351+79.61	67.09' RT	948.47	201766.98	679918.12
447	351+76.30	64.87' RT	947.89	201763.77	679915.77

CloverDr-SE

POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
448	351+69.25	60.64' RT	947.68	201756.90	679911.25
449	351+67.42	59.64' RT	947.65	201755.11	679910.18
450	351+61.61	57.05' RT	948.10	201749.41	679907.36
451	351+62.82	59.53' RT	947.67	201750.51	679909.88
452	351+61.60	64.49' RT	947.78	201749.10	679914.78
453	351+56.60	64.51' RT	947.85	201744.10	679914.61
454	351+56.78	59.52' RT	947.75	201744.48	679909.62
455	351+51.79	59.07' RT	947.96	201739.51	679908.97
456	351+51.60	64.18' RT	948.09	201739.12	679914.07

CloverDr-SW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
457	351+73.37	49.13' LT	947.63	201765.51	679801.74
458	351+78.95	51.44' LT	947.70	201771.17	679799.66
459	351+84.06	54.64' LT	947.75	201776.42	679796.68
460	351+88.58	58.63' LT	947.80	201781.10	679792.87
461	351+92.75	63.00' LT	947.85	201785.44	679788.68
462	351+90.58	65.07' LT	948.27	201783.36	679786.52
463	351+87.85	62.21' LT	948.24	201780.51	679789.27
464	351+84.99	59.30' LT	947.70	201777.53	679792.06
465	351+76.49	53.58' LT	947.60	201768.81	679797.43

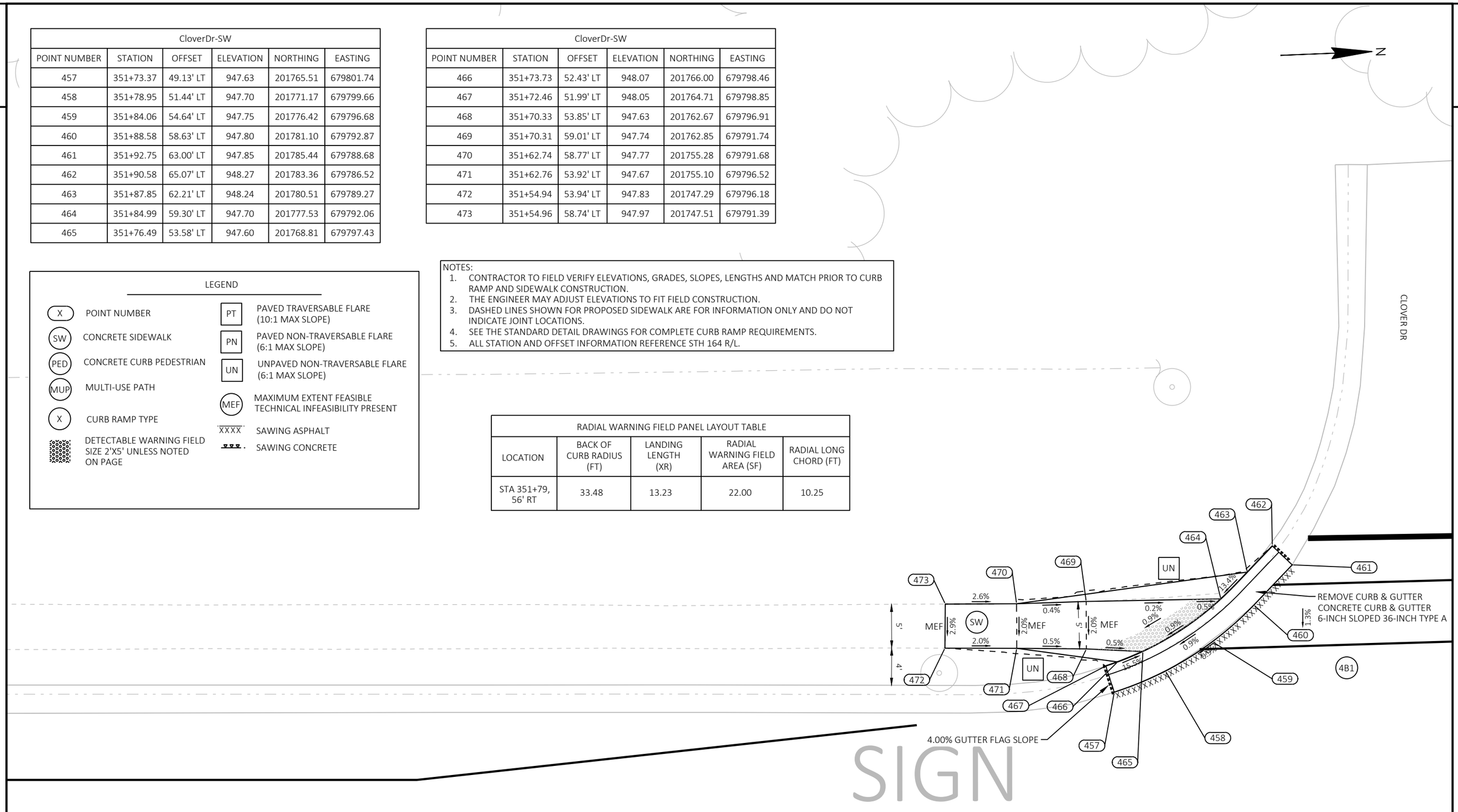
CloverDr-SW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
466	351+73.73	52.43' LT	948.07	201766.00	679798.46
467	351+72.46	51.99' LT	948.05	201764.71	679798.85
468	351+70.33	53.85' LT	947.63	201762.67	679796.91
469	351+70.31	59.01' LT	947.74	201762.85	679791.74
470	351+62.74	58.77' LT	947.77	201755.28	679791.68
471	351+62.76	53.92' LT	947.67	201755.10	679796.52
472	351+54.94	53.94' LT	947.83	201747.29	679796.18
473	351+54.96	58.74' LT	947.97	201747.51	679791.39

LEGEND

- X — POINT NUMBER
- SW — CONCRETE SIDEWALK
- PED — CONCRETE CURB PEDESTRIAN
- MUP — MULTI-USE PATH
- X — CURB RAMP TYPE
- DETECTABLE WARNING FIELD SIZE 2'X5' UNLESS NOTED ON PAGE
- PT — PAVED TRAVERSABLE FLARE (10:1 MAX SLOPE)
- PN — PAVED NON-TRAVERSABLE FLARE (6:1 MAX SLOPE)
- UN — UNPAVED NON-TRAVERSABLE FLARE (6:1 MAX SLOPE)
- MEF — MAXIMUM EXTENT FEASIBLE TECHNICAL INFEASIBILITY PRESENT
- XXXX — SAWING ASPHALT
- SAWING CONCRETE

NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS AND MATCH PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONSTRUCTION.
3. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE JOINT LOCATIONS.
4. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.
5. ALL STATION AND OFFSET INFORMATION REFERENCE STH 164 R/L.

RADIAL WARNING FIELD PANEL LAYOUT TABLE				
LOCATION	BACK OF CURB RADIUS (FT)	LANDING LENGTH (XR)	RADIAL WARNING FIELD AREA (SF)	RADIAL LONG CHORD (FT)
STA 351+79, 56' RT	33.48	13.23	22.00	10.25



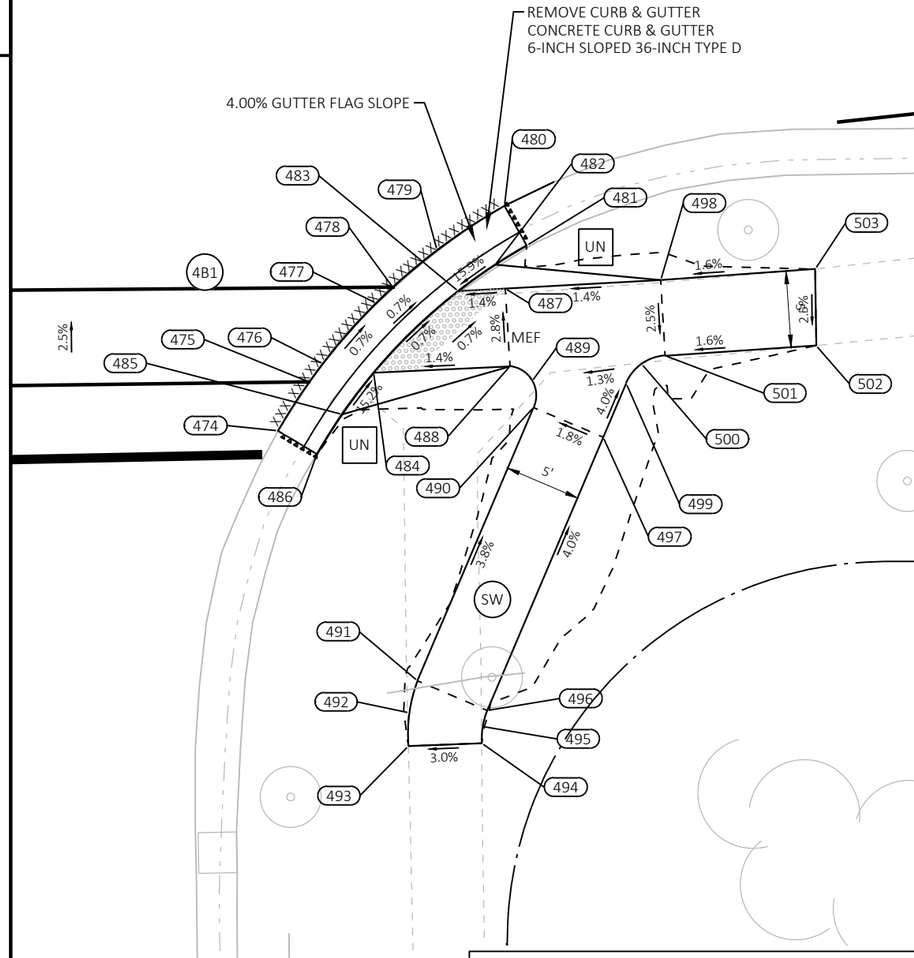
PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	CURB RAMP DETAILS - CLOVER DR SW RAMP	SHEET 85	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\023101SOUTH-CR.DWG
LAYOUT NAME - 19
PLOT DATE : 4/28/2026 8:11 AM
PLOT BY : OATES, KYLE
PLOT NAME :
PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 42

STH 164

N



RADIAL WARNING FIELD PANEL LAYOUT TABLE				
LOCATION	BACK OF CURB RADIUS (FT)	LANDING LENGTH (XR)	RADIAL WARNING FIELD AREA (SF)	RADIAL LONG CHORD (FT)
STA 352+59, 60' RT	36.56	8.68	15.61	7.76

NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS AND MATCH PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONSTRUCTION.
3. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE JOINT LOCATIONS.
4. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.
5. ALL STATION AND OFFSET INFORMATION REFERENCE STH 164 R/L.

LEGEND

X	POINT NUMBER	PT	PAVED TRAVERSABLE FLARE (10:1 MAX SLOPE)
SW	CONCRETE SIDEWALK	PN	PAVED NON-TRAVERSABLE FLARE (6:1 MAX SLOPE)
PED	CONCRETE CURB PEDESTRIAN	UN	UNPAVED NON-TRAVERSABLE FLARE (6:1 MAX SLOPE)
MUP	MULTI-USE PATH	MEF	MAXIMUM EXTENT FEASIBLE TECHNICAL INFEASIBILITY PRESENT
X	CURB RAMP TYPE	XXXX	SAWING ASPHALT
	DETECTABLE WARNING FIELD SIZE 2'X5' UNLESS NOTED ON PAGE		SAWING CONCRETE

CloverDr-NE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
474	352+47.90	66.85' RT	948.54	201835.23	679920.68
475	352+49.97	63.62' RT	948.51	201837.43	679917.54
476	352+50.86	62.42' RT	948.50	201838.36	679916.37
477	352+54.37	58.42' RT	948.47	201842.04	679912.52
478	352+55.48	57.36' RT	948.45	201843.19	679911.51
479	352+58.39	54.93' RT	948.43	201846.20	679909.19
480	352+62.85	52.01' RT	948.39	201850.77	679906.46
481	352+64.32	54.62' RT	948.81	201852.13	679909.13
482	352+62.24	55.88' RT	948.83	201850.01	679910.31
483	352+59.80	57.63' RT	948.35	201847.49	679911.95

CloverDr-NE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
484	352+54.22	63.01' RT	948.41	201841.70	679917.10
485	352+52.13	65.76' RT	948.94	201839.50	679919.77
486	352+50.48	68.39' RT	948.96	201837.74	679922.32
487	352+62.91	57.46' RT	948.39	201850.60	679911.91
488	352+63.21	62.59' RT	948.54	201850.70	679917.05
489	352+64.68	63.56' RT	948.64	201852.13	679918.08
490	352+64.77	65.31' RT	948.76	201852.14	679919.83
491	352+57.11	83.34' RT	949.50	201843.75	679937.53
492	352+56.57	85.46' RT	949.50	201843.13	679939.63
493	352+56.51	87.65' RT	949.51	201842.98	679941.81

CloverDr-NE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
494	352+61.35	87.45' RT	949.65	201847.82	679941.81
495	352+61.41	86.35' RT	949.65	201847.93	679940.72
496	352+61.71	85.29' RT	949.64	201848.27	679939.67
497	352+69.37	67.26' RT	948.86	201856.66	679921.97
498	352+73.16	56.90' RT	948.54	201860.87	679911.77
499	352+70.88	63.71' RT	948.70	201858.31	679918.48
500	352+71.91	62.43' RT	948.56	201859.39	679917.25
501	352+73.46	61.89' RT	948.41	201860.97	679916.77
502	352+83.42	61.21' RT	948.57	201870.95	679916.50
503	352+83.36	56.17' RT	948.70	201871.09	679911.46

2

N

LEGEND

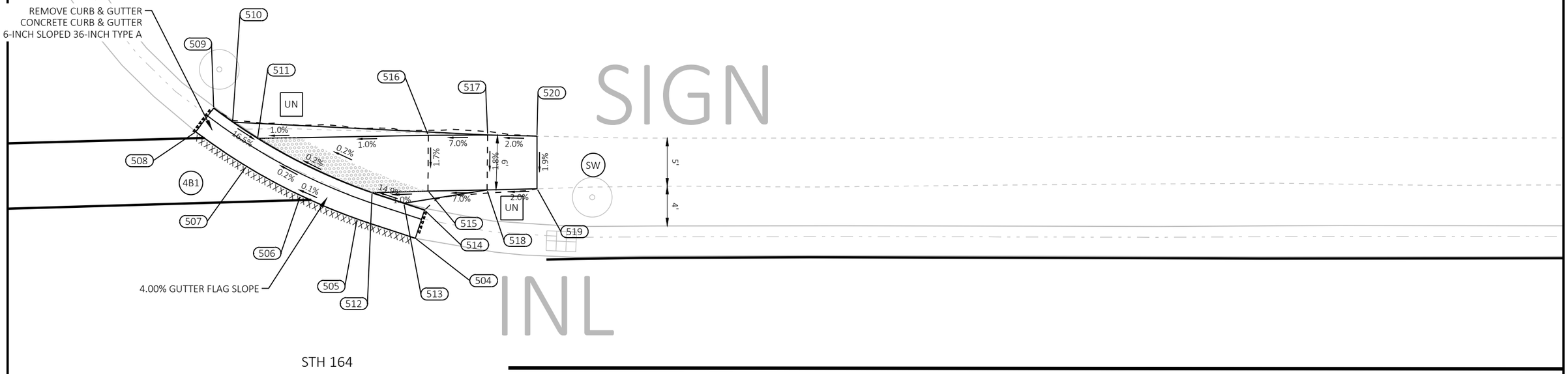
X — POINT NUMBER	PT — PAVED TRAVERSABLE FLARE (10:1 MAX SLOPE)
SW — CONCRETE SIDEWALK	PN — PAVED NON-TRAVERSABLE FLARE (6:1 MAX SLOPE)
PED — CONCRETE CURB PEDESTRIAN	UN — UNPAVED NON-TRAVERSABLE FLARE (6:1 MAX SLOPE)
MUP — MULTI-USE PATH	MEF — MAXIMUM EXTENT FEASIBLE TECHNICAL INFEASIBILITY PRESENT
X — CURB RAMP TYPE	XXXX — SAWING ASPHALT
DETECTABLE WARNING FIELD SIZE 2'X5' UNLESS NOTED ON PAGE	SAWING CONCRETE

RADIAL WARNING FIELD PANEL LAYOUT TABLE				
LOCATION	BACK OF CURB RADIUS (FT)	LANDING LENGTH (XR)	RADIAL WARNING FIELD AREA (SF)	RADIAL LONG CHORD (FT)
STA 352+77, 60' LT	57.69	15.62	27.20	12.88

CloverDr-NW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
504	352+86.04	52.73' LT	948.05	201878.23	679802.76
505	352+80.14	54.68' LT	948.04	201872.42	679800.57
506	352+74.40	57.05' LT	948.03	201866.78	679797.97
507	352+68.94	60.00' LT	948.02	201861.44	679794.80
508	352+63.81	63.48' LT	948.01	201856.46	679791.10
509	352+65.62	65.88' LT	948.43	201858.36	679788.79
510	352+67.54	64.48' LT	948.43	201860.23	679790.26
511	352+70.05	62.83' LT	947.94	201862.67	679792.01
512	352+81.65	57.33' LT	947.96	201874.03	679797.99

CloverDr-NW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
513	352+84.88	56.27' LT	948.47	201877.22	679799.18
514	352+86.97	55.58' LT	948.47	201879.28	679799.95
515	352+87.31	57.51' LT	948.02	201879.70	679798.03
516	352+87.34	63.16' LT	948.12	201879.96	679792.39
517	352+93.34	63.19' LT	948.54	201885.96	679792.60
518	352+93.30	57.63' LT	948.44	201885.68	679798.16
519	352+98.35	57.75' LT	948.54	201890.73	679798.25
520	352+98.34	63.07' LT	948.64	201890.94	679792.93

NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS AND MATCH PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONSTRUCTION.
3. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE JOINT LOCATIONS.
4. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.
5. ALL STATION AND OFFSET INFORMATION REFERENCE STH 164 R/L.



SIGN
INL

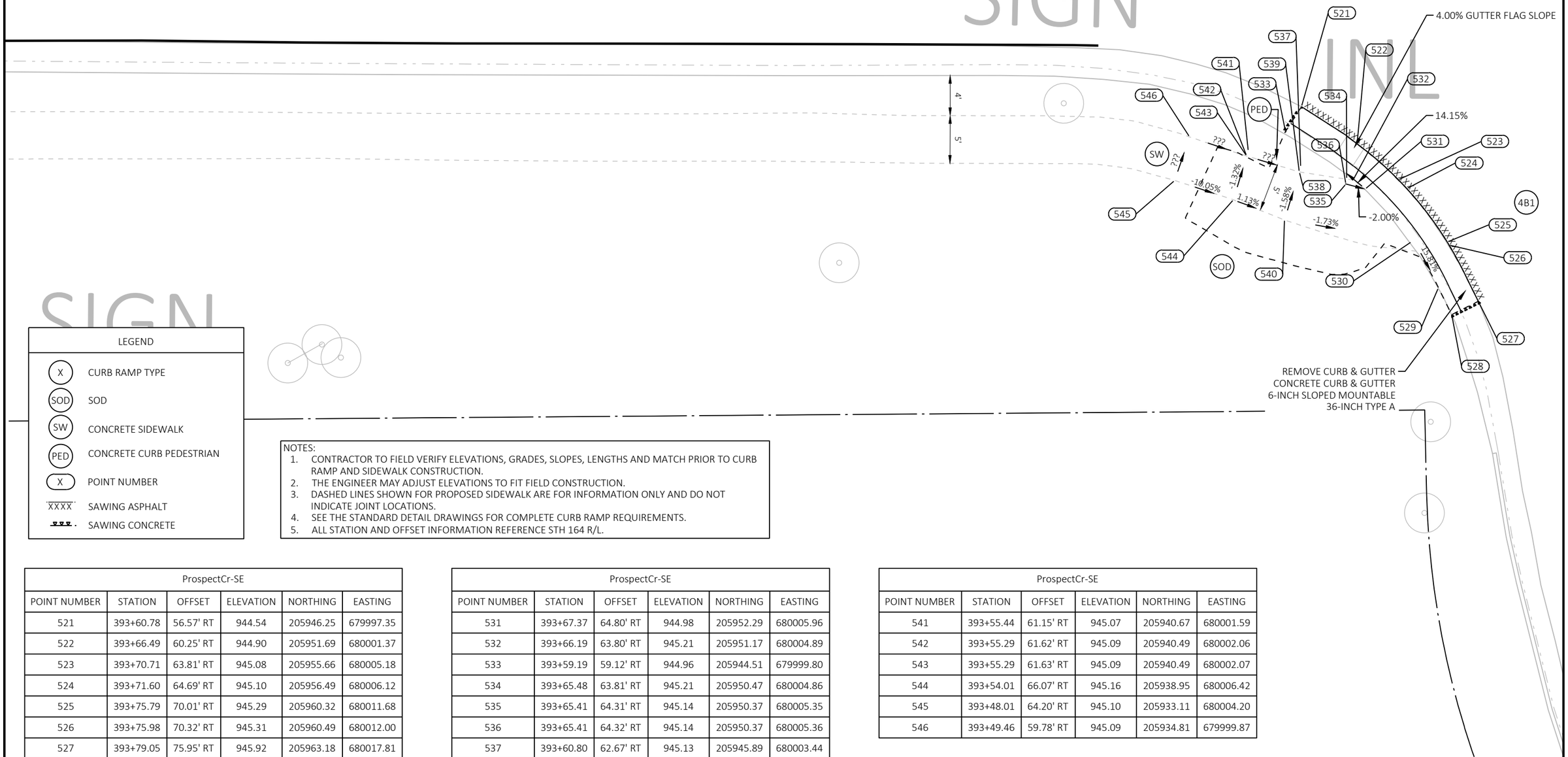
STH 164

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	CURB RAMP DETAILS - CLOVER DR NW RAMP	SHEET 87	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\023101SOUTH-CR.DWG
LAYOUT NAME - 21
PLOT DATE : 4/28/2026 8:11 AM
PLOT BY : OATES, KYLE
PLOT NAME :
PLOT SCALE : 1 IN:10 FT

STH 164

N



LEGEND	
X	CURB RAMP TYPE
SOD	SOD
SW	CONCRETE SIDEWALK
PED	CONCRETE CURB PEDESTRIAN
X	POINT NUMBER
XXXX	SAWING ASPHALT
	SAWING CONCRETE

NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS AND MATCH PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.
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4. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.
5. ALL STATION AND OFFSET INFORMATION REFERENCE STH 164 R/L.

ProspectCr-SE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
521	393+60.78	56.57' RT	944.54	205946.25	679997.35
522	393+66.49	60.25' RT	944.90	205951.69	680001.37
523	393+70.71	63.81' RT	945.08	205955.66	680005.18
524	393+71.60	64.69' RT	945.10	205956.49	680006.12
525	393+75.79	70.01' RT	945.29	205960.32	680011.68
526	393+75.98	70.32' RT	945.31	205960.49	680012.00
527	393+79.05	75.95' RT	945.92	205963.18	680017.81
528	393+76.37	77.33' RT	946.34	205960.43	680019.02
529	393+74.97	74.64' RT	946.02	205959.22	680016.25
530	393+72.16	70.04' RT	945.15	205956.72	680011.49

ProspectCr-SE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
531	393+67.37	64.80' RT	944.98	205952.29	680005.96
532	393+66.19	63.80' RT	945.21	205951.17	680004.89
533	393+59.19	59.12' RT	944.96	205944.51	679999.80
534	393+65.48	63.81' RT	945.21	205950.47	680004.86
535	393+65.41	64.31' RT	945.14	205950.37	680005.35
536	393+65.41	64.32' RT	945.14	205950.37	680005.36
537	393+60.80	62.67' RT	945.13	205945.89	680003.44
538	393+60.67	63.15' RT	945.15	205945.73	680003.91
539	393+60.66	63.16' RT	945.15	205945.73	680003.92
540	393+59.23	67.99' RT	945.25	205944.01	680008.65

ProspectCr-SE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
541	393+55.44	61.15' RT	945.07	205940.67	680001.59
542	393+55.29	61.62' RT	945.09	205940.49	680002.06
543	393+55.29	61.63' RT	945.09	205940.49	680002.07
544	393+54.01	66.07' RT	945.16	205938.95	680006.42
545	393+48.01	64.20' RT	945.10	205933.11	680004.20
546	393+49.46	59.78' RT	945.09	205934.81	679999.87

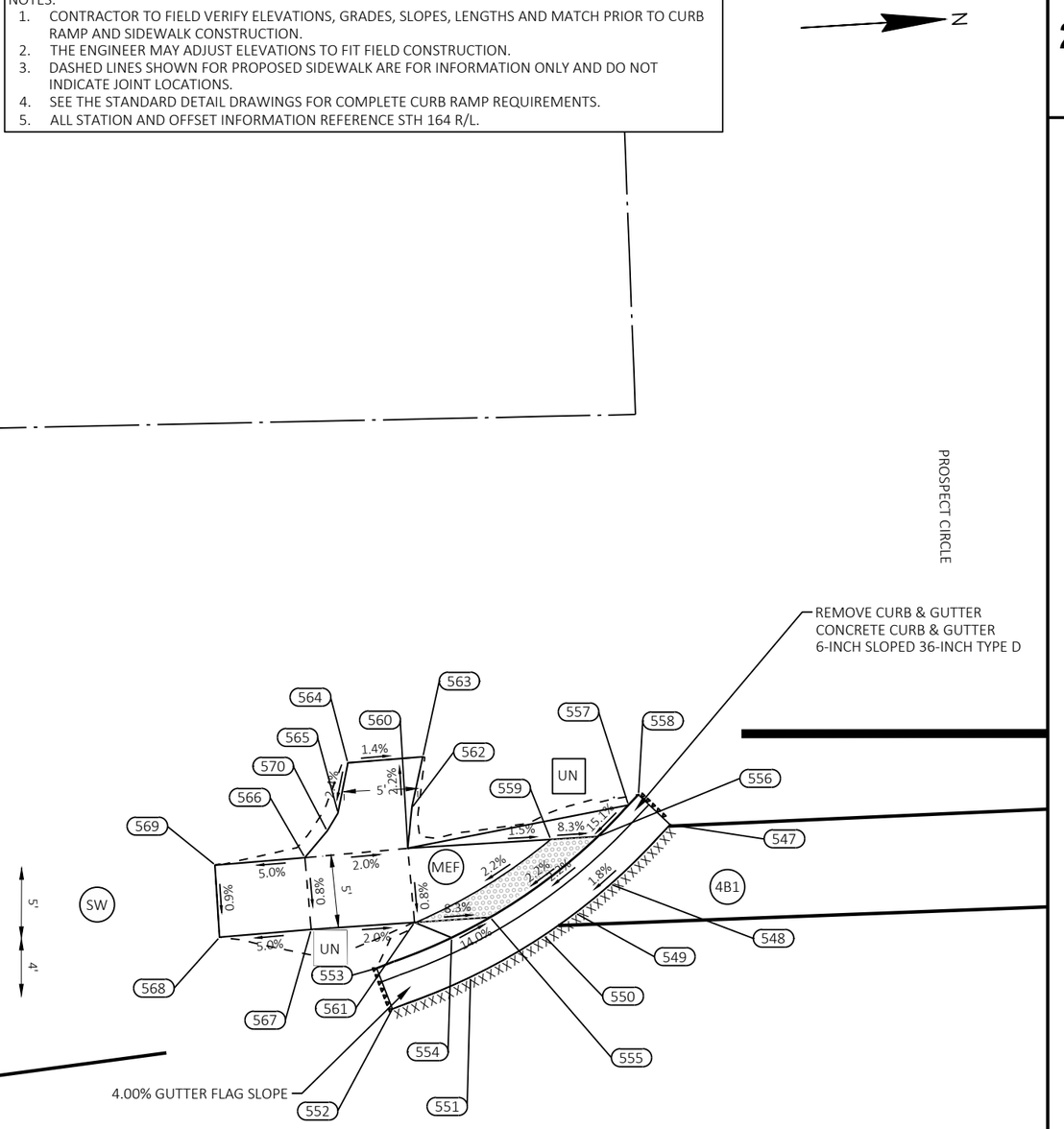
ProspectCr-SW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
547	393+64.67	61.83' LT	944.77	205957.36	679879.41
548	393+60.60	57.74' LT	944.74	205953.02	679883.24
549	393+58.20	55.76' LT	944.72	205950.50	679885.07
550	393+56.03	54.21' LT	944.70	205948.23	679886.49
551	393+51.03	51.35' LT	944.61	205943.04	679889.04
552	393+45.69	49.15' LT	944.44	205937.56	679890.91
553	393+44.61	51.95' LT	944.86	205936.64	679888.06
554	393+49.74	54.05' LT	945.03	205941.91	679886.26
555	393+52.38	55.46' LT	944.61	205944.64	679885.02
556	393+59.73	61.02' LT	944.67	205952.36	679879.91
557	393+61.83	63.19' LT	945.14	205954.59	679877.88
558	393+62.50	63.90' LT	945.19	205955.31	679877.21

ProspectCr-SW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
559	393+56.52	60.81' LT	944.94	205949.12	679879.92
560	393+46.74	60.19' LT	945.08	205939.27	679879.95
561	393+47.20	55.10' LT	945.04	205939.43	679885.06
562	393+47.01	62.97' LT	945.47	205939.70	679877.20
563	393+47.76	66.48' LT	945.39	205940.67	679873.74
564	393+42.65	66.07' LT	945.35	205935.51	679873.84
565	393+41.97	62.60' LT	945.38	205934.62	679877.26
566	393+39.70	59.55' LT	945.23	205932.17	679880.17
567	393+40.13	54.61' LT	945.19	205932.31	679885.13
568	393+33.87	54.08' LT	944.87	205926.00	679885.28
569	393+33.59	59.05' LT	944.92	205926.01	679880.31
570	393+41.23	61.39' LT	945.34	205933.81	679878.43

NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS AND MATCH PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONSTRUCTION.
3. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE JOINT LOCATIONS.
4. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.
5. ALL STATION AND OFFSET INFORMATION REFERENCE STH 164 R/L.

LEGEND

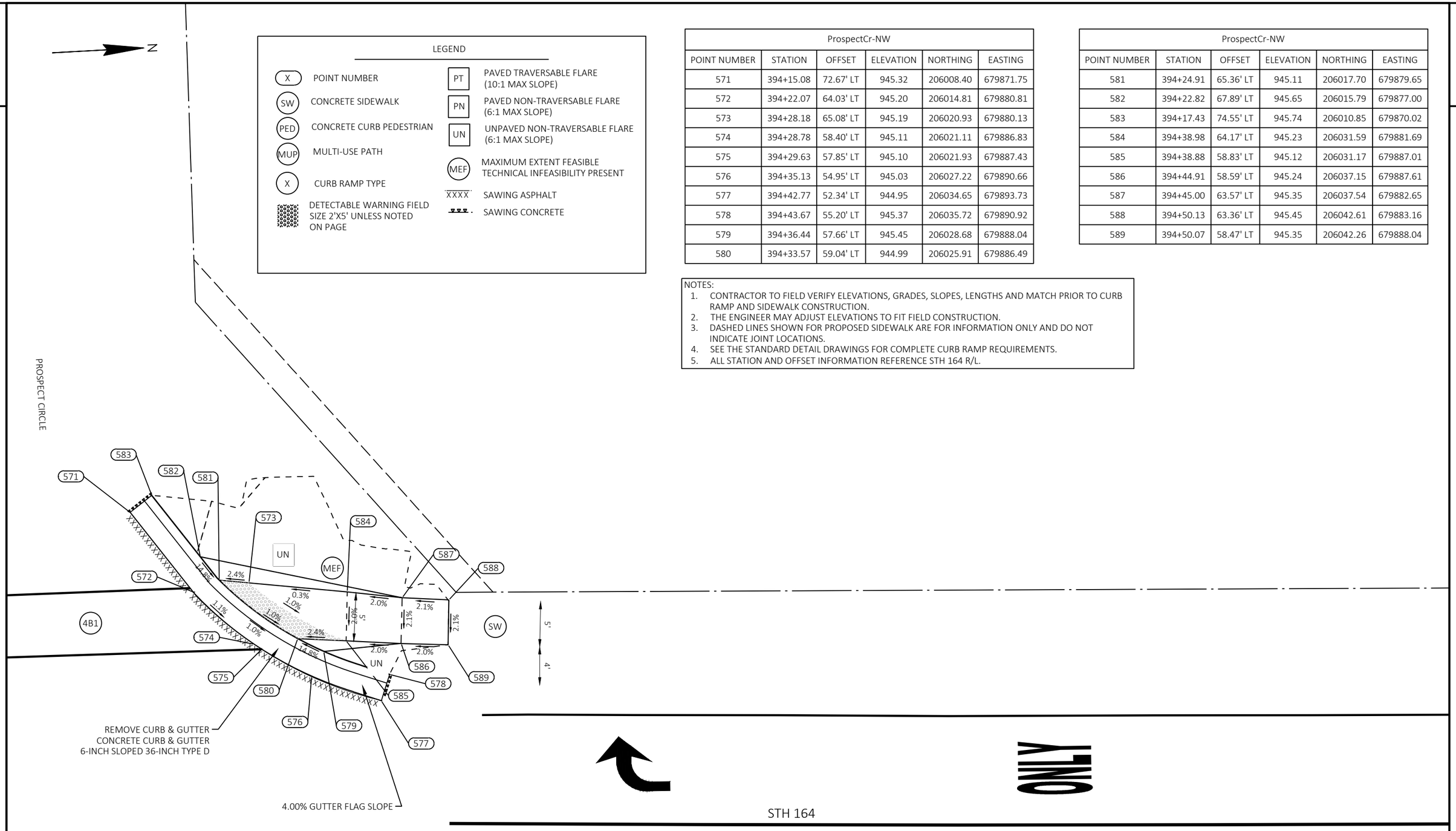
- (X) POINT NUMBER
- (SW) CONCRETE SIDEWALK
- (PED) CONCRETE CURB PEDESTRIAN
- (MUP) MULTI-USE PATH
- (X) CURB RAMP TYPE
- DETECTABLE WARNING FIELD SIZE 2'X5' UNLESS NOTED ON PAGE
- [PT] PAVED TRAVERSABLE FLARE (10:1 MAX SLOPE)
- [PN] PAVED NON-TRAVERSABLE FLARE (6:1 MAX SLOPE)
- [UN] UNPAVED NON-TRAVERSABLE FLARE (6:1 MAX SLOPE)
- (MEF) MAXIMUM EXTENT FEASIBLE TECHNICAL INFEASIBILITY PRESENT
- XXXX SAWING ASPHALT
- SAWING CONCRETE



STH 164

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	CURB RAMP DETAILS - PROSPECT CR SW RAMP	SHEET 89	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\023101NORTH-CR.DWG
LAYOUT NAME - 23
PLOT DATE : 4/28/2026 8:12 AM
PLOT BY : OATES, KYLE
PLOT NAME :
PLOT SCALE : 1 IN:10 FT



ProspectCr-NW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
571	394+15.08	72.67' LT	945.32	206008.40	679871.75
572	394+22.07	64.03' LT	945.20	206014.81	679880.81
573	394+28.18	65.08' LT	945.19	206020.93	679880.13
574	394+28.78	58.40' LT	945.11	206021.11	679886.83
575	394+29.63	57.85' LT	945.10	206021.93	679887.43
576	394+35.13	54.95' LT	945.03	206027.22	679890.66
577	394+42.77	52.34' LT	944.95	206034.65	679893.73
578	394+43.67	55.20' LT	945.37	206035.72	679890.92
579	394+36.44	57.66' LT	945.45	206028.68	679888.04
580	394+33.57	59.04' LT	944.99	206025.91	679886.49

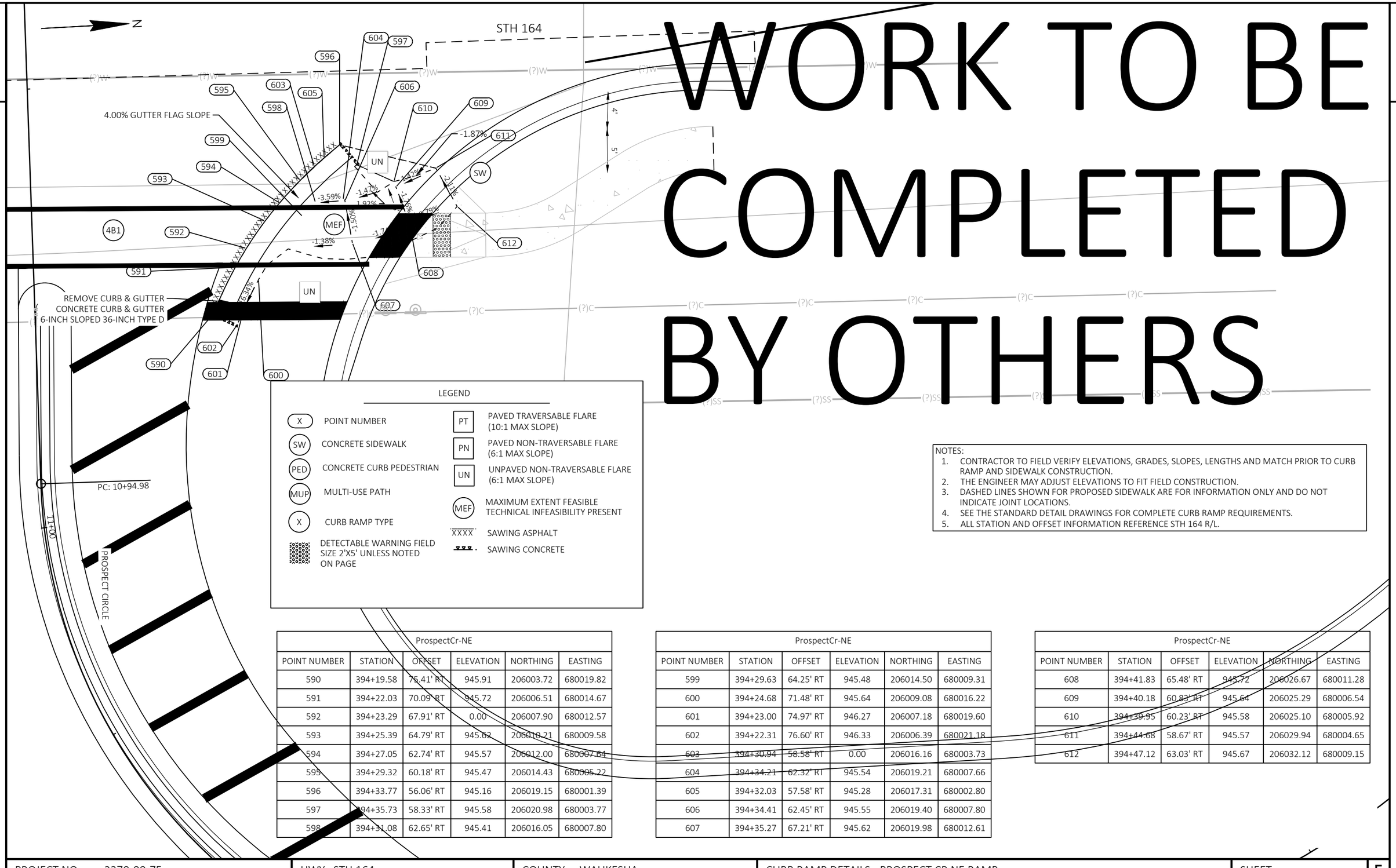
ProspectCr-NW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
581	394+24.91	65.36' LT	945.11	206017.70	679879.65
582	394+22.82	67.89' LT	945.65	206015.79	679877.00
583	394+17.43	74.55' LT	945.74	206010.85	679870.02
584	394+38.98	64.17' LT	945.23	206031.59	679881.69
585	394+38.88	58.83' LT	945.12	206031.17	679887.01
586	394+44.91	58.59' LT	945.24	206037.15	679887.61
587	394+45.00	63.57' LT	945.35	206037.54	679882.65
588	394+50.13	63.36' LT	945.45	206042.61	679883.16
589	394+50.07	58.47' LT	945.35	206042.26	679888.04

NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS AND MATCH PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONSTRUCTION.
3. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE JOINT LOCATIONS.
4. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.
5. ALL STATION AND OFFSET INFORMATION REFERENCE STH 164 R/L.

2

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	CURB RAMP DETAILS - PROSPECT CR NW RAMP	SHEET 90	E

WORK TO BE COMPLETED BY OTHERS



LEGEND

X	POINT NUMBER	PT	PAVED TRAVERSABLE FLARE (10:1 MAX SLOPE)
SW	CONCRETE SIDEWALK	PN	PAVED NON-TRAVERSABLE FLARE (6:1 MAX SLOPE)
PED	CONCRETE CURB PEDESTRIAN	UN	UNPAVED NON-TRAVERSABLE FLARE (6:1 MAX SLOPE)
MUP	MULTI-USE PATH	MEF	MAXIMUM EXTENT FEASIBLE TECHNICAL INFEASIBILITY PRESENT
X	CURB RAMP TYPE	XXXX	SAWING ASPHALT
	DETECTABLE WARNING FIELD SIZE 2'X5' UNLESS NOTED ON PAGE		SAWING CONCRETE

NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS AND MATCH PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONSTRUCTION.
3. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE JOINT LOCATIONS.
4. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.
5. ALL STATION AND OFFSET INFORMATION REFERENCE STH 164 R/L.

ProspectCr-NE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
590	394+19.58	75.41' RT	945.91	206003.72	680019.82
591	394+22.03	70.09' RT	945.72	206006.51	680014.67
592	394+23.29	67.91' RT	0.00	206007.90	680012.57
593	394+25.39	64.79' RT	945.62	206010.21	680009.58
594	394+27.05	62.74' RT	945.57	206012.00	680007.64
595	394+29.32	60.18' RT	945.47	206014.43	680005.22
596	394+33.77	56.06' RT	945.16	206019.15	680001.39
597	394+35.73	58.33' RT	945.58	206020.98	680003.77
598	394+31.08	62.65' RT	945.41	206016.05	680007.80

ProspectCr-NE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
599	394+29.63	64.25' RT	945.48	206014.50	680009.31
600	394+24.68	71.48' RT	945.64	206009.08	680016.22
601	394+23.00	74.97' RT	946.27	206007.18	680019.60
602	394+22.31	76.60' RT	946.33	206006.39	680021.18
603	394+30.94	58.58' RT	0.00	206016.16	680003.73
604	394+34.21	62.32' RT	945.54	206019.21	680007.66
605	394+32.03	57.58' RT	945.28	206017.31	680002.80
606	394+34.41	62.45' RT	945.55	206019.40	680007.80
607	394+35.27	67.21' RT	945.62	206019.98	680012.61

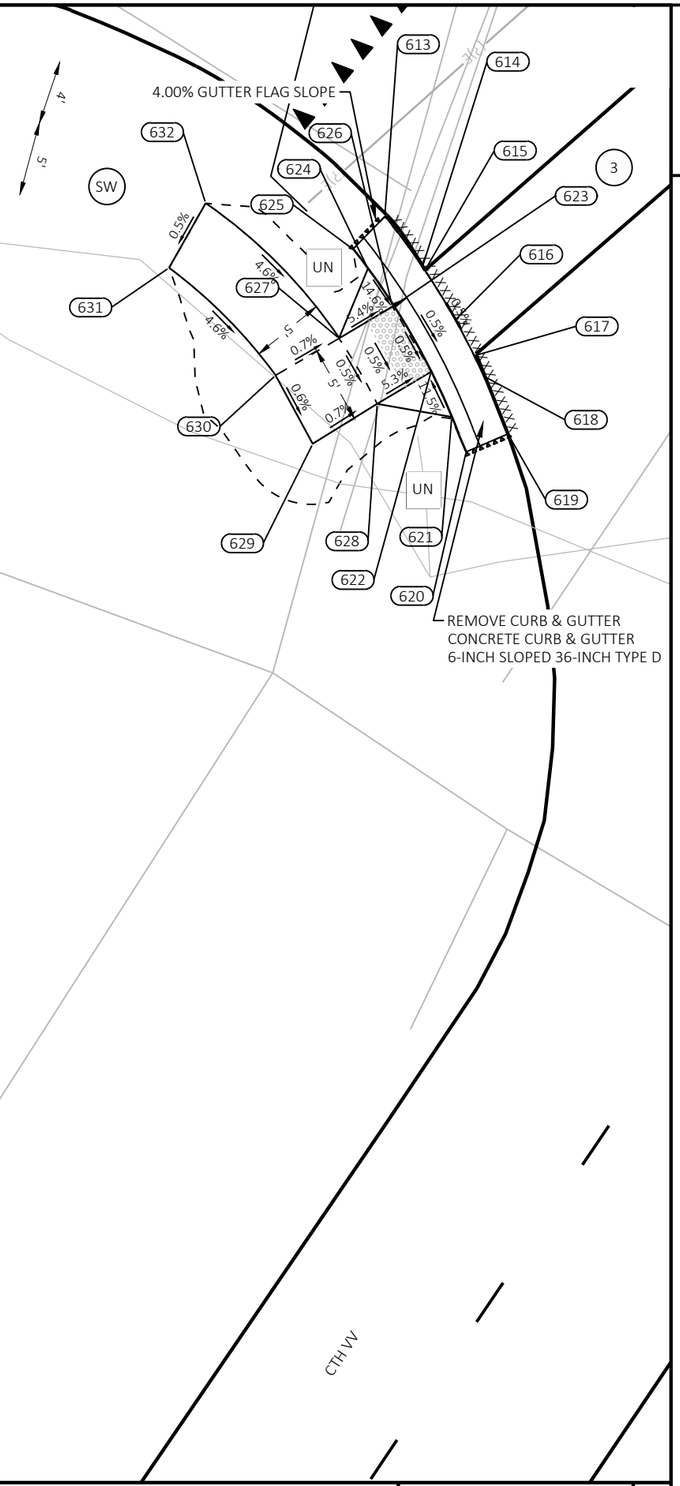
ProspectCr-NE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
608	394+41.83	65.48' RT	945.72	206026.67	680011.28
609	394+40.18	60.83' RT	945.64	206025.29	680006.54
610	394+39.95	60.23' RT	945.58	206025.10	680005.92
611	394+44.68	58.67' RT	945.57	206029.94	680004.65
612	394+47.12	63.03' RT	945.67	206032.12	680009.15

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	CURB RAMP DETAILS - PROSPECT CR NE RAMP	SHEET 91	E

N

LEGEND

X	POINT NUMBER	PT	PAVED TRAVERSABLE FLARE (10:1 MAX SLOPE)
SW	CONCRETE SIDEWALK	PN	PAVED NON-TRAVERSABLE FLARE (6:1 MAX SLOPE)
PED	CONCRETE CURB PEDESTRIAN	UN	UNPAVED NON-TRAVERSABLE FLARE (6:1 MAX SLOPE)
MUP	MULTI-USE PATH	MEF	MAXIMUM EXTENT FEASIBLE TECHNICAL INFEASIBILITY PRESENT
X	CURB RAMP TYPE	XXXX	SAWING ASPHALT
	DETECTABLE WARNING FIELD SIZE 2'X5' UNLESS NOTED ON PAGE		SAWING CONCRETE



NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS AND MATCH PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONSTRUCTION.
3. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE JOINT LOCATIONS.
4. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.
5. ALL STATION AND OFFSET INFORMATION REFERENCE STH 164 R/L.

CTHVV-SE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
613	402+21.85	78.14' RT	946.83	206808.97	680047.36
614	402+24.33	81.45' RT	946.83	206811.40	680050.71
615	402+24.49	81.69' RT	946.83	206811.55	680050.95
616	402+26.50	84.98' RT	946.82	206813.51	680054.27
617	402+27.73	87.33' RT	946.80	206814.71	680056.64
618	402+28.37	88.67' RT	946.79	206815.32	680057.99
619	402+29.97	92.49' RT	946.71	206816.87	680061.83
620	402+27.21	93.67' RT	947.13	206814.09	680062.97
621	402+26.26	91.36' RT	947.12	206813.18	680060.65
622	402+24.91	88.38' RT	946.72	206811.87	680057.64
623	402+22.44	84.03' RT	946.75	206809.47	680053.26

CTHVV-SE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
624	402+20.73	81.56' RT	947.25	206807.80	680050.76
625	402+19.75	80.28' RT	947.25	206806.84	680049.47
626	402+22.35	84.08' RT	946.76	206809.38	680053.31
627	402+18.83	86.18' RT	946.98	206805.82	680055.35
628	402+21.34	90.50' RT	946.95	206808.27	680059.71
629	402+17.09	93.13' RT	946.98	206803.98	680062.27
630	402+14.63	88.62' RT	947.01	206801.59	680057.72
631	402+07.61	81.52' RT	947.67	206794.68	680050.52
632	402+10.03	77.26' RT	947.55	206797.16	680046.30

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	CURB RAMP DETAILS - CTH VV SE RAMP	SHEET 92	E

NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS AND MATCH PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONSTRUCTION.
3. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE JOINT LOCATIONS.
4. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.
5. ALL STATION AND OFFSET INFORMATION REFERENCE STH 164 R/L.

REMOVE CURB & GUTTER
CONCRETE CURB & GUTTER
6-INCH SLOPED 36-INCH TYPE D

4.00% GUTTER FLAG SLOPE

CTH VV

6

CTHVV-SE-Median					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
666	402+57.93	50.52' RT	948.07	206845.47	680020.30
667	402+59.33	51.47' RT	947.59	206846.86	680021.27
668	402+64.52	52.83' RT	947.85	206852.02	680022.71
669	402+64.23	53.25' RT	947.35	206851.72	680023.13
670	402+61.27	57.51' RT	947.31	206848.70	680027.33
671	402+60.97	57.93' RT	947.82	206848.40	680027.75
672	402+57.62	56.17' RT	947.48	206845.07	680025.94
673	402+57.77	56.76' RT	948.09	206845.22	680026.53
674	402+56.21	57.82' RT	947.40	206843.63	680027.57
675	402+51.26	63.60' RT	947.02	206838.60	680033.27
676	402+51.63	63.93' RT	947.56	206838.97	680033.61
677	402+47.55	60.25' RT	947.09	206834.94	680029.87
678	402+47.17	59.91' RT	947.63	206834.57	680029.52
679	402+52.28	54.71' RT	947.46	206839.76	680024.40
680	402+51.79	54.52' RT	948.15	206839.27	680024.20

LEGEND

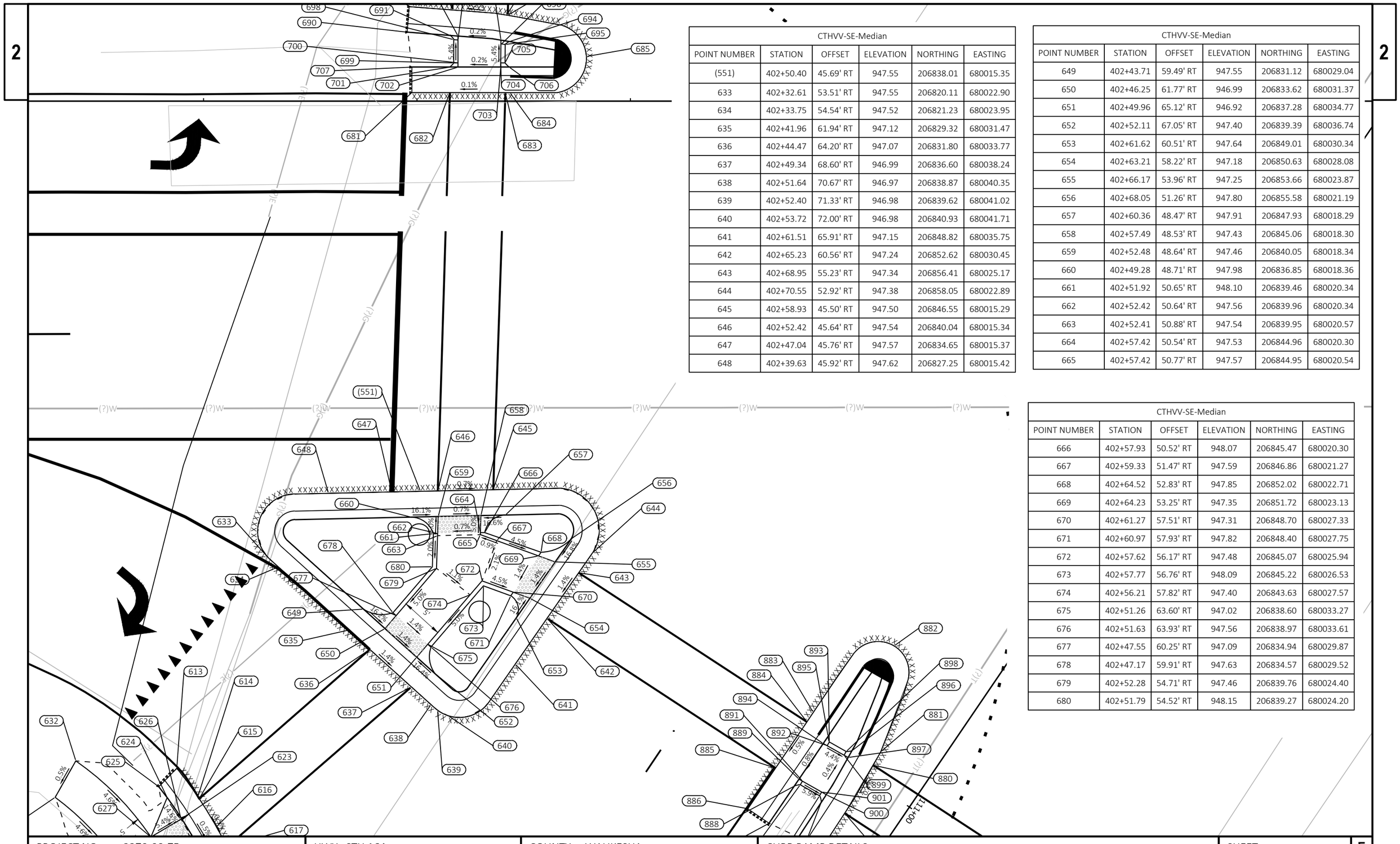
- X — POINT NUMBER
- SW — CONCRETE SIDEWALK
- PED — CONCRETE CURB PEDESTRIAN
- MUP — MULTI-USE PATH
- X — CURB RAMP TYPE
- DETECTABLE WARNING FIELD SIZE 2'X5' UNLESS NOTED ON PAGE
- PT — PAVED TRAVERSABLE FLARE (10:1 MAX SLOPE)
- PN — PAVED NON-TRAVERSABLE FLARE (6:1 MAX SLOPE)
- UN — UNPAVED NON-TRAVERSABLE FLARE (6:1 MAX SLOPE)
- MEF — MAXIMUM EXTENT FEASIBLE TECHNICAL INFEASIBILITY PRESENT
- XXXX — SAWING ASPHALT
- SAWING CONCRETE

CTHVV-NE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
856	403+44.19	121.47' RT	946.27	206930.63	680092.56
857	403+45.63	119.33' RT	946.28	206932.10	680090.45
858	403+47.13	117.11' RT	946.31	206933.64	680088.25
859	403+48.50	115.08' RT	946.32	206935.04	680086.24
860	403+50.08	112.75' RT	946.34	206936.65	680083.94
861	403+52.19	109.62' RT	946.37	206938.81	680080.84
862	403+53.02	108.39' RT	946.38	206939.66	680079.63
863	403+55.96	104.04' RT	946.41	206942.67	680075.31
864	403+58.45	105.72' RT	946.83	206945.13	680077.03
865	403+57.48	107.15' RT	946.82	206944.14	680078.45
866	403+54.45	111.63' RT	946.28	206941.04	680082.88

CTHVV-NE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
867	403+51.65	115.78' RT	946.25	206938.18	680086.99
868	403+48.91	119.83' RT	946.72	206935.38	680091.00
869	403+46.68	123.14' RT	946.69	206933.09	680094.28
870	403+55.01	117.97' RT	946.52	206941.50	680089.23
871	403+57.82	113.83' RT	946.55	206944.37	680085.13
872	403+63.43	105.55' RT	946.75	206950.11	680076.94
873	403+68.10	108.29' RT	946.94	206954.14	680079.77
874	403+61.95	116.63' RT	946.63	206948.46	680088.00
875	403+59.15	120.77' RT	946.60	206945.59	680092.10
876	403+53.45	128.99' RT	946.84	206939.77	680100.23
877	403+49.34	126.21' RT	946.66	206935.71	680097.38

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	CURB RAMP DETAILS - CTH VV SE MEDIAN RAMP	SHEET 93	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\023101NORTH-CR.DWG
LAYOUT NAME - 27
PLOT DATE : 4/28/2026 8:12 AM
PLOT BY : OATES, KYLE
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42



CTHVV-SE-Median					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
(551)	402+50.40	45.69' RT	947.55	206838.01	680015.35
633	402+32.61	53.51' RT	947.55	206820.11	680022.90
634	402+33.75	54.54' RT	947.52	206821.23	680023.95
635	402+41.96	61.94' RT	947.12	206829.32	680031.47
636	402+44.47	64.20' RT	947.07	206831.80	680033.77
637	402+49.34	68.60' RT	946.99	206836.60	680038.24
638	402+51.64	70.67' RT	946.97	206838.87	680040.35
639	402+52.40	71.33' RT	946.98	206839.62	680041.02
640	402+53.72	72.00' RT	946.98	206840.93	680041.71
641	402+61.51	65.91' RT	947.15	206848.82	680035.75
642	402+65.23	60.56' RT	947.24	206852.62	680030.45
643	402+68.95	55.23' RT	947.34	206856.41	680025.17
644	402+70.55	52.92' RT	947.38	206858.05	680022.89
645	402+58.93	45.50' RT	947.50	206846.55	680015.29
646	402+52.42	45.64' RT	947.54	206840.04	680015.34
647	402+47.04	45.76' RT	947.57	206834.65	680015.37
648	402+39.63	45.92' RT	947.62	206827.25	680015.42

CTHVV-SE-Median					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
649	402+43.71	59.49' RT	947.55	206831.12	680029.04
650	402+46.25	61.77' RT	946.99	206833.62	680031.37
651	402+49.96	65.12' RT	946.92	206837.28	680034.77
652	402+52.11	67.05' RT	947.40	206839.39	680036.74
653	402+61.62	60.51' RT	947.64	206849.01	680030.34
654	402+63.21	58.22' RT	947.18	206850.63	680028.08
655	402+66.17	53.96' RT	947.25	206853.66	680023.87
656	402+68.05	51.26' RT	947.80	206855.58	680021.19
657	402+60.36	48.47' RT	947.91	206847.93	680018.29
658	402+57.49	48.53' RT	947.43	206845.06	680018.30
659	402+52.48	48.64' RT	947.46	206840.05	680018.34
660	402+49.28	48.71' RT	947.98	206836.85	680018.36
661	402+51.92	50.65' RT	948.10	206839.46	680020.34
662	402+52.42	50.64' RT	947.56	206839.96	680020.34
663	402+52.41	50.88' RT	947.54	206839.95	680020.57
664	402+57.42	50.54' RT	947.53	206844.96	680020.30
665	402+57.42	50.77' RT	947.57	206844.95	680020.54

CTHVV-SE-Median					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
666	402+57.93	50.52' RT	948.07	206845.47	680020.30
667	402+59.33	51.47' RT	947.59	206846.86	680021.27
668	402+64.52	52.83' RT	947.85	206852.02	680022.71
669	402+64.23	53.25' RT	947.35	206851.72	680023.13
670	402+61.27	57.51' RT	947.31	206848.70	680027.33
671	402+60.97	57.93' RT	947.82	206848.40	680027.75
672	402+57.62	56.17' RT	947.48	206845.07	680025.94
673	402+57.77	56.76' RT	948.09	206845.22	680026.53
674	402+56.21	57.82' RT	947.40	206843.63	680027.57
675	402+51.26	63.60' RT	947.02	206838.60	680033.27
676	402+51.63	63.93' RT	947.56	206838.97	680033.61
677	402+47.55	60.25' RT	947.09	206834.94	680029.87
678	402+47.17	59.91' RT	947.63	206834.57	680029.52
679	402+52.28	54.71' RT	947.46	206839.76	680024.40
680	402+51.79	54.52' RT	948.15	206839.27	680024.20

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	CURB RAMP DETAILS	SHEET 94	E

CTHVV-SW-2					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
708	402+51.64	47.04' LT	947.44	206840.68	679922.65
709	402+55.24	47.04' LT	947.40	206844.28	679922.71
710	402+55.64	47.04' LT	947.39	206844.68	679922.71
711	402+59.64	47.04' LT	947.35	206848.68	679922.78
712	402+61.75	47.04' LT	947.33	206850.79	679922.81
713	402+63.64	47.04' LT	947.30	206852.68	679922.84
714	402+67.64	47.04' LT	947.26	206856.68	679922.90
715	402+67.64	50.04' LT	947.68	206856.73	679919.90
716	402+64.50	50.04' LT	947.71	206853.59	679919.85
717	402+61.50	50.04' LT	947.28	206850.59	679919.80
718	402+56.50	50.04' LT	947.30	206845.59	679919.73

CTHVV-SW-2					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
719	402+53.20	50.04' LT	947.85	206842.28	679919.68
720	402+51.64	50.04' LT	947.86	206840.72	679919.65
721	402+56.54	54.00' LT	947.52	206845.69	679915.77
722	402+61.54	54.00' LT	947.48	206850.69	679915.85
723	402+71.63	53.83' LT	947.79	206860.77	679916.17
724	402+71.63	58.79' LT	947.96	206860.85	679911.21
725	402+61.59	58.86' LT	947.57	206850.81	679910.99
726	402+56.59	58.87' LT	947.61	206845.81	679910.90
727	402+45.80	58.79' LT	948.03	206835.02	679910.81
728	402+45.78	53.93' LT	947.90	206834.93	679915.68

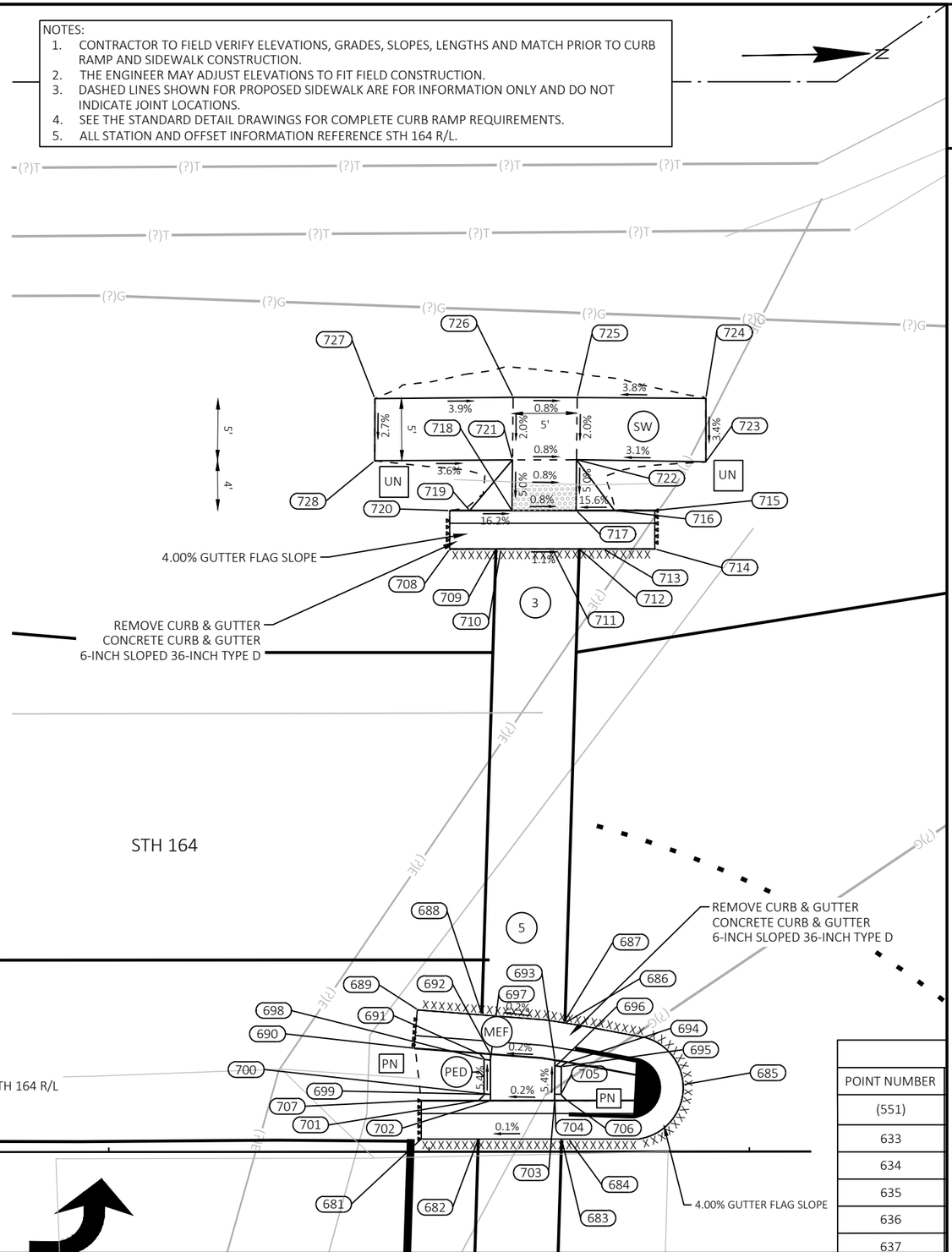
CTHVV-S-Median					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
681	402+49.39	0.99' LT	947.83	206837.72	679968.66
682	402+53.84	0.99' LT	947.83	206842.17	679968.73
683	402+60.34	0.99' LT	947.84	206848.67	679968.83
684	402+60.88	0.99' LT	947.84	206849.21	679968.84
685	402+69.82	5.23' LT	947.48	206858.22	679964.74
686	402+60.62	10.05' LT	947.63	206849.09	679959.77
687	402+60.51	10.07' LT	947.63	206848.99	679959.76
688	402+54.13	10.68' LT	947.63	206842.61	679959.05
689	402+49.16	11.06' LT	947.61	206837.64	679958.59
690	402+48.93	8.07' LT	947.90	206837.37	679961.57
691	402+53.84	7.69' LT	948.05	206842.27	679962.03
692	402+54.80	7.62' LT	947.56	206843.23	679962.12
693	402+59.83	7.14' LT	947.55	206848.25	679962.67
694	402+60.82	6.98' LT	948.05	206849.25	679962.85

CTHVV-S-Median					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
695	402+60.32	6.63' LT	948.09	206848.74	679963.19
696	402+59.83	6.64' LT	948.09	206848.25	679963.18
697	402+54.80	7.16' LT	947.58	206843.23	679962.58
698	402+54.30	7.20' LT	948.08	206842.73	679962.53
699	402+54.30	4.48' LT	948.23	206842.69	679965.25
700	402+54.80	4.48' LT	947.73	206843.19	679965.26
701	402+53.81	3.99' LT	948.25	206842.19	679965.73
702	402+54.80	3.99' LT	947.76	206843.18	679965.75
703	402+59.80	3.99' LT	947.76	206848.18	679965.82
704	402+59.80	4.48' LT	947.73	206848.19	679965.33
705	402+60.30	4.48' LT	948.23	206848.69	679965.34
706	402+60.79	3.99' LT	948.26	206849.17	679965.84
707	402+49.39	3.99' LT	948.25	206837.77	679965.66

NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS AND MATCH PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONSTRUCTION.
3. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE JOINT LOCATIONS.
4. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.
5. ALL STATION AND OFFSET INFORMATION REFERENCE STH 164 R/L.

LEGEND

- X — POINT NUMBER
- SW — CONCRETE SIDEWALK
- PED — CONCRETE CURB PEDESTRIAN
- MUP — MULTI-USE PATH
- X — CURB RAMP TYPE
- DETECTABLE WARNING FIELD SIZE 2'X5' UNLESS NOTED ON PAGE
- PT — PAVED TRAVERSABLE FLARE (10:1 MAX SLOPE)
- PN — PAVED NON-TRAVERSABLE FLARE (6:1 MAX SLOPE)
- UN — UNPAVED NON-TRAVERSABLE FLARE (6:1 MAX SLOPE)
- MEF — MAXIMUM EXTENT FEASIBLE TECHNICAL INFEASIBILITY PRESENT
- XXXX — SAWING ASPHALT
- SAWING CONCRETE

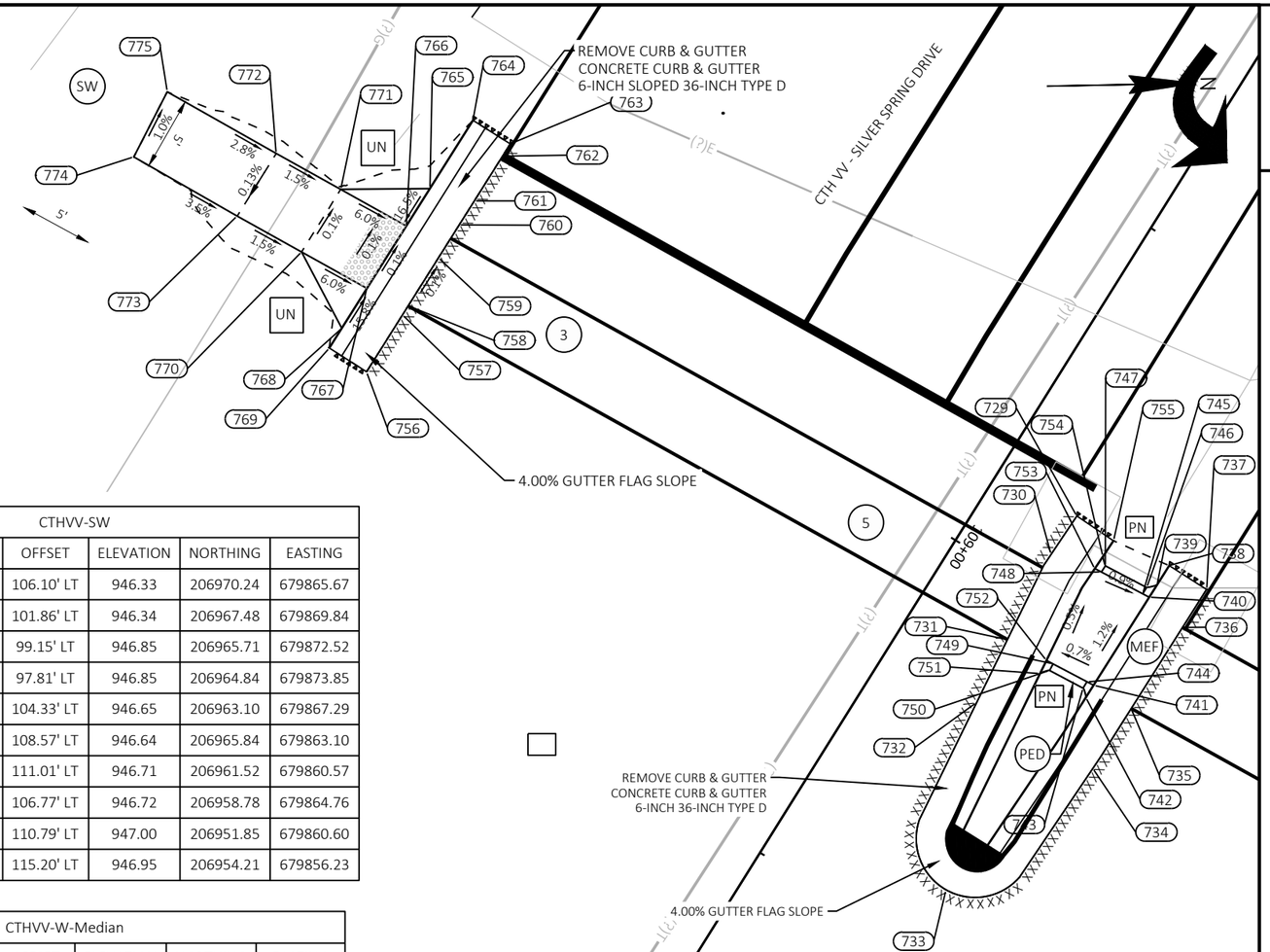


POINT NUMBER
(551)
633
634
635
636
637

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	CURB RAMP DETAILS - CTH VV SW & S MEDIAN RAMP	SHEET 95	E

LEGEND

X	POINT NUMBER	PT	PAVED TRAVERSABLE FLARE (10:1 MAX SLOPE)
SW	CONCRETE SIDEWALK	PN	PAVED NON-TRAVERSABLE FLARE (6:1 MAX SLOPE)
PED	CONCRETE CURB PEDESTRIAN	UN	UNPAVED NON-TRAVERSABLE FLARE (6:1 MAX SLOPE)
MUP	MULTI-USE PATH	MEF	MAXIMUM EXTENT FEASIBLE TECHNICAL INFEASIBILITY PRESENT
X	CURB RAMP TYPE	XXXX	SAWING ASPHALT
	DETECTABLE WARNING FIELD SIZE 2'X5' UNLESS NOTED ON PAGE		SAWING CONCRETE



CTHVV-SW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
756	403+77.03	96.21' LT	946.43	206967.34	679875.50
757	403+79.47	100.07' LT	946.42	206969.86	679871.69
758	403+79.85	100.67' LT	946.42	206970.25	679871.09
759	403+81.91	103.94' LT	946.41	206972.38	679867.87
760	403+83.31	106.16' LT	946.41	206973.83	679865.68
761	403+84.34	107.80' LT	946.41	206974.89	679864.06
762	403+86.22	110.82' LT	946.40	206976.83	679861.08
763	403+86.78	111.66' LT	946.40	206977.41	679860.25
764	403+84.24	113.26' LT	946.82	206974.91	679858.60
765	403+81.33	108.64' LT	946.83	206971.89	679863.16

CTHVV-SW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
766	403+79.72	106.10' LT	946.33	206970.24	679865.67
767	403+77.05	101.86' LT	946.34	206967.48	679869.84
768	403+75.34	99.15' LT	946.85	206965.71	679872.52
769	403+74.49	97.81' LT	946.85	206964.84	679873.85
770	403+72.62	104.33' LT	946.65	206963.10	679867.29
771	403+75.27	108.57' LT	946.64	206965.84	679863.10
772	403+70.90	111.01' LT	946.71	206961.52	679860.57
773	403+68.25	106.77' LT	946.72	206958.78	679864.76
774	403+61.84	110.79' LT	947.00	206951.85	679860.60
775	403+63.95	115.20' LT	946.95	206954.21	679856.23

CTHVV-W-Median					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
729	404+25.23	86.41' LT	946.72	207015.32	679886.30
730	404+23.48	83.81' LT	946.72	207013.52	679888.86
731	404+20.52	78.04' LT	946.72	207010.44	679894.58
732	404+18.43	73.76' LT	946.74	207008.26	679898.81
733	404+16.35	61.04' LT	946.70	207005.92	679911.48
734	404+26.32	69.30' LT	946.81	207016.05	679903.43
735	404+28.92	73.36' LT	946.76	207018.74	679899.43
736	404+32.40	78.86' LT	946.68	207022.34	679894.00
737	404+34.04	81.44' LT	946.64	207024.03	679891.45
738	404+31.51	83.05' LT	947.06	207021.53	679889.80
739	404+30.68	81.74' LT	947.08	207020.67	679891.08
740	404+30.15	80.90' LT	946.59	207020.13	679891.91
741	404+26.37	74.93' LT	946.68	207016.23	679897.80
742	404+25.84	74.09' LT	947.19	207015.68	679898.63

CTHVV-W-Median					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
743	404+25.66	74.74' LT	947.17	207015.51	679897.97
744	404+25.93	75.17' LT	946.67	207015.78	679897.56
745	404+29.70	81.14' LT	946.60	207019.68	679891.67
746	404+29.97	81.56' LT	947.10	207019.96	679891.25
747	404+27.17	83.03' LT	947.13	207017.20	679889.72
748	404+26.90	82.62' LT	947.13	207016.91	679890.12
749	404+23.61	76.39' LT	946.64	207013.49	679896.29
750	404+23.39	75.94' LT	947.14	207013.27	679896.73
751	404+22.73	75.73' LT	947.14	207012.60	679896.93
752	404+23.17	76.62' LT	946.64	207013.06	679896.05
753	404+26.45	82.85' LT	946.64	207016.47	679889.89
754	404+27.00	83.68' LT	947.14	207017.04	679889.07
755	404+27.72	84.74' LT	947.14	207017.78	679888.02

NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS AND MATCH PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONSTRUCTION.
3. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE JOINT LOCATIONS.
4. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.
5. ALL STATION AND OFFSET INFORMATION REFERENCE STH 164 R/L.

CTHVV-NW-Median					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
776	404+63.08	67.46' LT	946.65	207052.77	679906.04
777	404+60.47	63.20' LT	946.64	207050.07	679910.24
778	404+57.80	58.85' LT	946.62	207047.32	679914.54
779	404+57.11	57.71' LT	946.60	207046.59	679915.66
780	404+53.56	51.92' LT	946.48	207042.93	679921.37
781	404+60.61	45.50' LT	0.00	207049.84	679927.94
782	404+67.04	45.88' LT	0.00	207056.28	679927.69
783	404+67.88	45.94' LT	946.51	207057.12	679927.65
784	404+72.86	46.24' LT	946.45	207062.11	679927.46
785	404+76.00	46.43' LT	946.41	207065.25	679927.33
786	404+80.37	46.69' LT	946.36	207069.62	679927.16
787	404+95.10	52.77' LT	946.25	207084.48	679921.39
788	404+92.01	55.40' LT	946.29	207081.45	679918.70
789	404+83.21	62.63' LT	946.41	207072.79	679911.28
790	404+77.68	67.17' LT	946.49	207067.36	679906.63
791	404+70.73	72.74' LT	946.58	207060.53	679900.92
792	404+70.23	72.93' LT	946.58	207060.03	679900.71
793	404+71.23	59.65' LT	946.75	207060.76	679914.02
794	404+71.01	60.16' LT	947.25	207060.55	679913.50
795	404+74.02	63.71' LT	947.01	207063.63	679910.02

CTHVV-NW-Median					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
796	404+74.41	63.39' LT	946.51	207064.01	679910.34
797	404+73.07	67.08' LT	946.94	207062.75	679906.63
798	404+75.70	64.92' LT	946.41	207065.34	679908.84
799	404+79.57	61.74' LT	946.36	207069.13	679912.10
800	404+82.27	59.52' LT	946.82	207071.79	679914.37
801	404+78.66	59.90' LT	947.00	207068.19	679913.92
802	404+78.27	60.22' LT	946.46	207067.81	679913.60
803	404+75.05	56.41' LT	946.71	207064.51	679917.33
804	404+71.82	52.60' LT	946.78	207061.20	679921.08
805	404+71.88	51.89' LT	947.40	207061.24	679921.78
806	404+68.15	55.05' LT	947.31	207057.58	679918.55
807	404+68.00	55.83' LT	946.81	207057.45	679917.77
808	404+66.81	53.58' LT	946.69	207056.21	679919.99
809	404+65.73	51.55' LT	946.58	207055.09	679921.99
810	404+66.26	51.48' LT	947.17	207055.62	679922.08
811	404+65.80	50.82' LT	946.54	207055.14	679922.73
812	404+66.31	50.85' LT	947.10	207055.66	679922.71
813	404+68.97	49.01' LT	946.91	207058.28	679924.61
814	404+65.98	48.83' LT	946.44	207055.28	679924.72
815	404+60.76	51.10' LT	946.56	207050.10	679922.34

CTHVV-NW-Median					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
816	404+60.24	51.20' LT	947.04	207049.59	679922.23
817	404+60.81	50.52' LT	946.53	207050.15	679922.93
818	404+60.31	50.49' LT	947.01	207049.64	679922.95
819	404+60.99	48.53' LT	946.43	207050.28	679924.92
820	404+57.49	48.32' LT	946.93	207046.79	679925.06
821	404+65.55	60.49' LT	947.22	207055.09	679913.06
823	404+58.51	54.25' LT	946.98	207047.92	679919.15
824	404+60.33	57.23' LT	946.54	207049.81	679916.20
825	404+62.95	61.50' LT	946.55	207052.51	679912.00
826	404+64.75	64.43' LT	947.06	207054.37	679909.10
827	404+64.91	60.88' LT	947.17	207054.47	679912.66
828	404+64.65	60.45' LT	946.65	207054.20	679913.08
829	404+62.04	56.19' LT	946.64	207051.50	679917.28
830	404+61.78	55.76' LT	947.20	207051.23	679917.71
831	404+62.35	55.41' LT	947.27	207051.79	679918.07
832	404+62.78	55.73' LT	946.69	207052.23	679917.75
833	404+63.00	55.60' LT	946.77	207052.44	679917.89
834	404+65.39	60.00' LT	946.70	207054.93	679913.55

NOTES:
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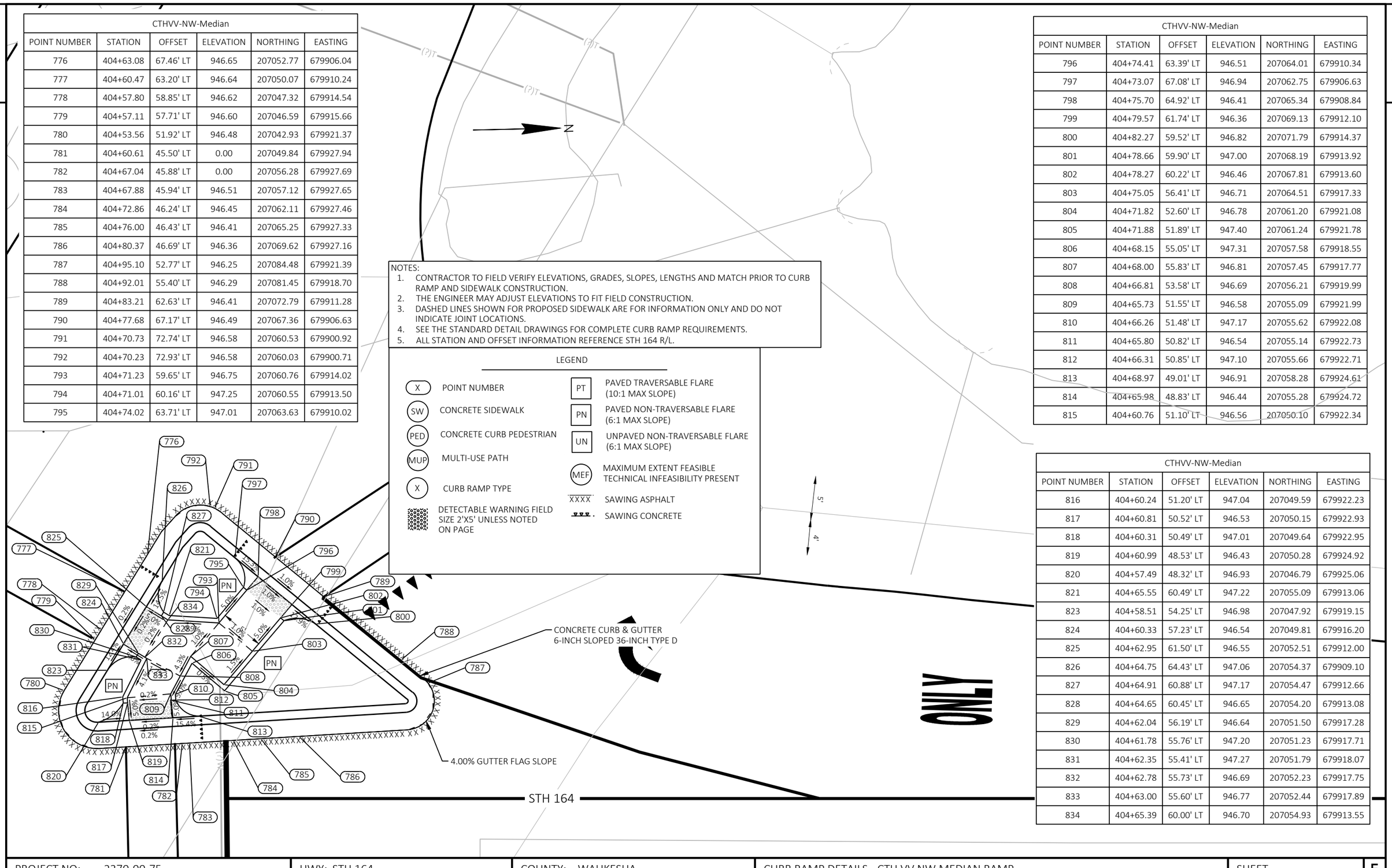
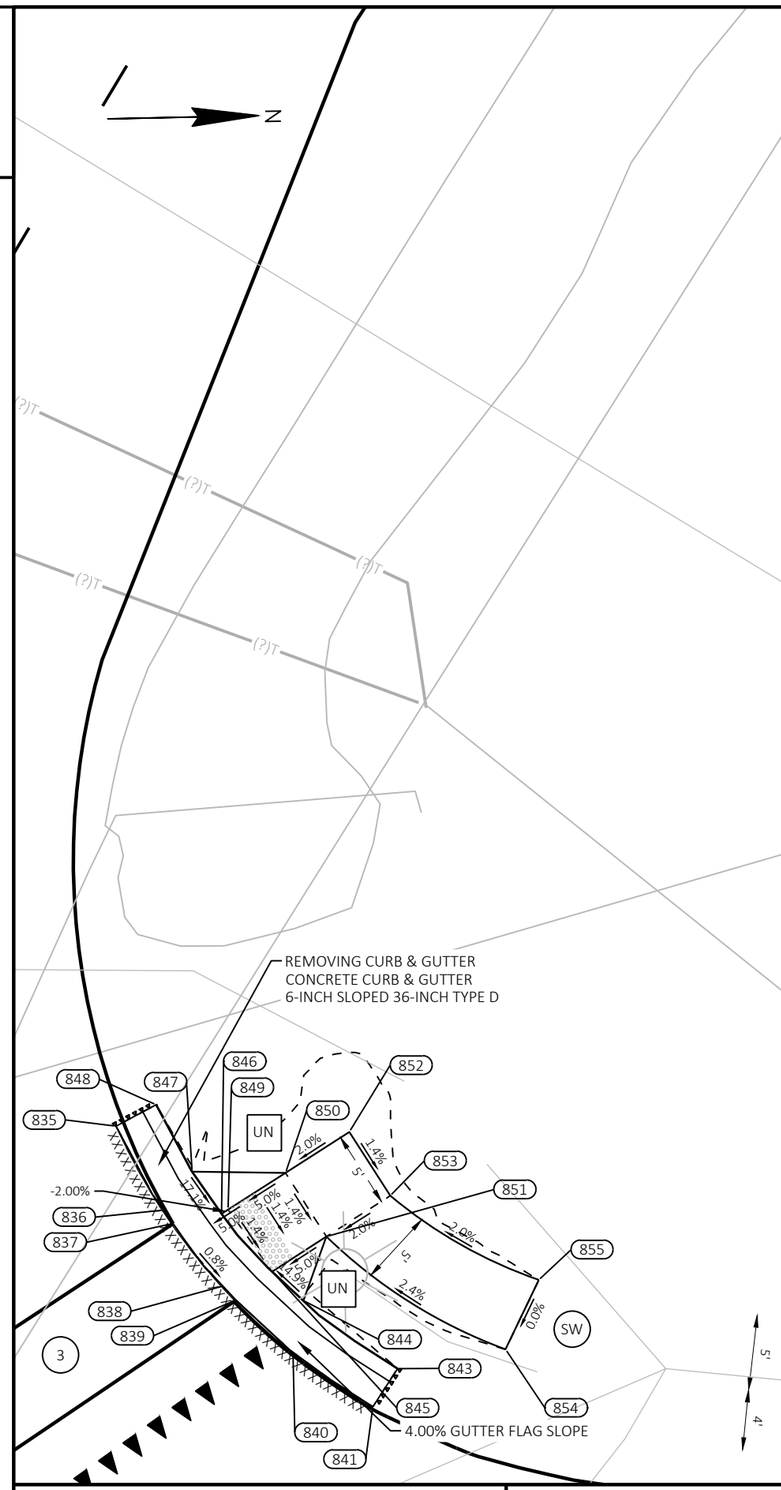
3. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE JOINT LOCATIONS.
4. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.
5. ALL STATION AND OFFSET INFORMATION REFERENCE STH 164 R/L.

LEGEND

- (X) POINT NUMBER
- (SW) CONCRETE SIDEWALK
- (PED) CONCRETE CURB PEDESTRIAN
- (MUP) MULTI-USE PATH
- (X) CURB RAMP TYPE
- DETECTABLE WARNING FIELD SIZE 2'X5' UNLESS NOTED ON PAGE
- [PT] PAVED TRAVERSABLE FLARE (10:1 MAX SLOPE)
- [PN] PAVED NON-TRAVERSABLE FLARE (6:1 MAX SLOPE)
- [UN] UNPAVED NON-TRAVERSABLE FLARE (6:1 MAX SLOPE)
- (MEF) MAXIMUM EXTENT FEASIBLE TECHNICAL INFEASIBILITY PRESENT
- XXXX SAWING ASPHALT
- SAWING CONCRETE



PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	CURB RAMP DETAILS - CTH VV NW MEDIAN RAMP	SHEET 97	E



CTHVV-NW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
835	404+97.04	88.81' LT	946.23	207087.17	679885.40
836	405+00.18	83.27' LT	946.00	207090.19	679891.01
837	405+00.80	82.38' LT	945.96	207090.79	679891.91
838	405+04.09	78.25' LT	945.88	207094.00	679896.10
839	405+04.95	77.34' LT	945.87	207094.83	679897.03
840	405+08.73	73.88' LT	945.83	207098.54	679900.57
841	405+13.99	70.29' LT	945.84	207103.73	679904.27
843	405+15.62	72.81' LT	946.26	207105.41	679901.78
844	405+09.41	77.29' LT	946.23	207099.30	679897.17
845	405+07.34	79.21' LT	945.81	207097.26	679895.21
846	405+04.01	83.03' LT	945.84	207094.01	679891.32

CTHVV-NW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
847	405+02.06	85.80' LT	946.42	207092.13	679888.51
848	404+99.69	90.22' LT	946.65	207089.85	679884.04
849	405+04.44	83.31' LT	945.87	207094.46	679891.05
850	405+08.23	85.73' LT	946.09	207098.29	679888.71
851	405+10.92	81.52' LT	946.02	207100.90	679892.98
852	405+12.44	88.43' LT	946.19	207102.55	679886.10
853	405+15.13	84.22' LT	946.12	207105.16	679890.37
854	405+22.74	74.07' LT	946.35	207112.56	679900.67
855	405+24.94	78.66' LT	946.35	207114.85	679896.13

NOTES:
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3. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE JOINT LOCATIONS.
4. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.
5. ALL STATION AND OFFSET INFORMATION REFERENCE STH 164 R/L.

LEGEND

X	POINT NUMBER	PT	PAVED TRAVERSABLE FLARE (10:1 MAX SLOPE)
SW	CONCRETE SIDEWALK	PN	PAVED NON-TRAVERSABLE FLARE (6:1 MAX SLOPE)
PED	CONCRETE CURB PEDESTRIAN	UN	UNPAVED NON-TRAVERSABLE FLARE (6:1 MAX SLOPE)
MUP	MULTI-USE PATH	MEF	MAXIMUM EXTENT FEASIBLE TECHNICAL INFEASIBILITY PRESENT
X	CURB RAMP TYPE	XXXX	SAWING ASPHALT
	DETECTABLE WARNING FIELD SIZE 2'X5' UNLESS NOTED ON PAGE		SAWING CONCRETE

CTHVV-NW-Median					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
776	404+63.08	67.46' LT	946.65	207052.77	679906.04
777	404+60.47	63.20' LT	946.64	207050.07	679910.24
778	404+57.80	58.85' LT	946.62	207047.32	679914.54
779	404+57.11	57.71' LT	946.60	207046.59	679915.66
780	404+53.56	51.92' LT	946.48	207042.93	679921.37
781	404+60.61	45.50' LT	0.00	207049.84	679927.94
782	404+67.04	45.88' LT	0.00	207056.28	679927.69
783	404+67.88	45.94' LT	946.51	207057.12	679927.65
784	404+72.86	46.24' LT	946.45	207062.11	679927.46
785	404+76.00	46.43' LT	946.41	207065.25	679927.33
786	404+80.37	46.69' LT	946.36	207069.62	679927.16
787	404+95.10	52.77' LT	946.25	207084.48	679921.39
788	404+92.01	55.40' LT	946.29	207081.45	679918.70
789	404+83.21	62.63' LT	946.41	207072.79	679911.28
790	404+77.68	67.17' LT	946.49	207067.36	679906.63
791	404+70.73	72.74' LT	946.58	207060.53	679900.92
792	404+70.23	72.93' LT	946.58	207060.03	679900.71
793	404+71.23	59.65' LT	946.75	207060.76	679914.02
794	404+71.01	60.16' LT	947.25	207060.55	679913.50
795	404+74.02	63.71' LT	947.01	207063.63	679910.02

CTHVV-NW-Median					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
796	404+74.41	63.39' LT	946.51	207064.01	679910.34
797	404+73.07	67.08' LT	946.94	207062.75	679906.63
798	404+75.70	64.92' LT	946.41	207065.34	679908.84
799	404+79.57	61.74' LT	946.36	207069.13	679912.10
800	404+82.27	59.52' LT	946.82	207071.79	679914.37
801	404+78.66	59.90' LT	947.00	207068.19	679913.92
802	404+78.27	60.22' LT	946.46	207067.81	679913.60
803	404+75.05	56.41' LT	946.71	207064.51	679917.33
804	404+71.82	52.60' LT	946.78	207061.20	679921.08
805	404+71.88	51.89' LT	947.40	207061.24	679921.78
806	404+68.15	55.05' LT	947.31	207057.58	679918.55
807	404+68.00	55.83' LT	946.81	207057.45	679917.77
808	404+66.81	53.58' LT	946.69	207056.21	679919.99
809	404+65.73	51.55' LT	946.58	207055.09	679921.99
810	404+66.26	51.48' LT	947.17	207055.62	679922.08
811	404+65.80	50.82' LT	946.54	207055.14	679922.73
812	404+66.31	50.85' LT	947.10	207055.66	679922.71
813	404+68.97	49.01' LT	946.91	207058.28	679924.61
814	404+65.98	48.83' LT	946.44	207055.28	679924.72
815	404+60.76	51.10' LT	946.56	207050.10	679922.34

CTHVV-NW-Median					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
816	404+60.24	51.20' LT	947.04	207049.59	679922.23
817	404+60.81	50.52' LT	946.53	207050.15	679922.93
818	404+60.31	50.49' LT	947.01	207049.64	679922.95
819	404+60.99	48.53' LT	946.43	207050.28	679924.92
820	404+57.49	48.32' LT	946.93	207046.79	679925.06
821	404+65.55	60.49' LT	947.22	207055.09	679913.06
823	404+58.51	54.25' LT	946.98	207047.92	679919.15
824	404+60.33	57.23' LT	946.54	207049.81	679916.20
825	404+62.95	61.50' LT	946.55	207052.51	679912.00
826	404+64.75	64.43' LT	947.06	207054.37	679909.10
827	404+64.91	60.88' LT	947.17	207054.47	679912.66
828	404+64.65	60.45' LT	946.65	207054.20	679913.08
829	404+62.04	56.19' LT	946.64	207051.50	679917.28
830	404+61.78	55.76' LT	947.20	207051.23	679917.71
831	404+62.35	55.41' LT	947.27	207051.79	679918.07
832	404+62.78	55.73' LT	946.69	207052.23	679917.75
833	404+63.00	55.60' LT	946.77	207052.44	679917.89
834	404+65.39	60.00' LT	946.70	207054.93	679913.55

LEGEND

- X — POINT NUMBER
- SW — CONCRETE SIDEWALK
- PED — CONCRETE CURB PEDESTRIAN
- MUP — MULTI-USE PATH
- X — CURB RAMP TYPE
- DETECTABLE WARNING FIELD SIZE 2'X5' UNLESS NOTED ON PAGE
- PT — PAVED TRAVERSABLE FLARE (10:1 MAX SLOPE)
- PN — PAVED NON-TRAVERSABLE FLARE (6:1 MAX SLOPE)
- UN — UNPAVED NON-TRAVERSABLE FLARE (6:1 MAX SLOPE)
- MEF — MAXIMUM EXTENT FEASIBLE TECHNICAL INFEASIBILITY PRESENT
- XXXX — SAWING ASPHALT
- SAWING CONCRETE

NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS AND MATCH PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONSTRUCTION.
3. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE JOINT LOCATIONS.
4. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.
5. ALL STATION AND OFFSET INFORMATION REFERENCE STH 164 R/L.

REMOVING CURB & GUTTER
CONCRETE CURB & GUTTER
6-INCH SLOPED
36-INCH TYPE D

14.88%

4.00% GUTTER FLAG SLOPE

ONLY

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	CURB RAMP DETAILS - CTH VV NW RAMP	SHEET 99	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\023101NORTH-CR.DWG
LAYOUT NAME - 32

PLOT DATE : 4/28/2026 8:13 AM PLOT BY : OATES, KYLE PLOT NAME : PLOT SCALE : 1 IN:10 FT

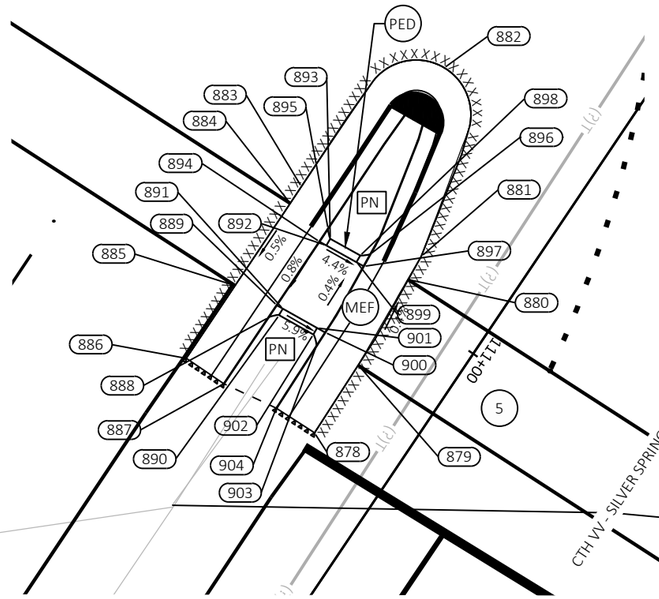
WISDOT/CADDS SHEET 42

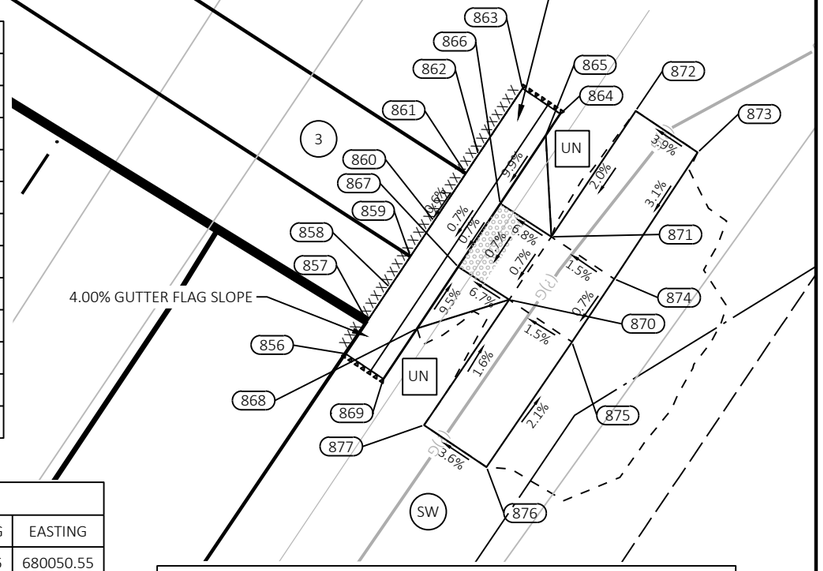
LEGEND

X	POINT NUMBER	PT	PAVED TRAVERSABLE FLARE (10:1 MAX SLOPE)
SW	CONCRETE SIDEWALK	PN	PAVED NON-TRAVERSABLE FLARE (6:1 MAX SLOPE)
PED	CONCRETE CURB PEDESTRIAN	UN	UNPAVED NON-TRAVERSABLE FLARE (6:1 MAX SLOPE)
MUP	MULTI-USE PATH	MEF	MAXIMUM EXTENT FEASIBLE TECHNICAL INFEASIBILITY PRESENT
X	CURB RAMP TYPE	XXXX	SAWING ASPHALT
	DETECTABLE WARNING FIELD SIZE 2'X5' UNLESS NOTED ON PAGE		SAWING CONCRETE

675	402+51.26	63.60' RT	947.02	206838.60	680033.27
676	402+51.63	63.93' RT	947.56	206838.97	680033.61
677	402+47.55	60.25' RT	947.09	206834.94	680029.87
678	402+47.17	59.91' RT	947.63	206834.57	680029.52
679	402+52.28	54.71' RT	947.46	206839.76	680024.40

NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS AND MATCH PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONSTRUCTION.
3. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE JOINT LOCATIONS.
4. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.
5. ALL STATION AND OFFSET INFORMATION REFERENCE STH 164 R/L.





CTHVV-NE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
856	403+44.19	121.47' RT	946.27	206930.63	680092.56
857	403+45.63	119.33' RT	946.28	206932.10	680090.45
858	403+47.13	117.11' RT	946.31	206933.64	680088.25
859	403+48.50	115.08' RT	946.32	206935.04	680086.24
860	403+50.08	112.75' RT	946.34	206936.65	680083.94
861	403+52.19	109.62' RT	946.37	206938.81	680080.84
862	403+53.02	108.39' RT	946.38	206939.66	680079.63
863	403+55.96	104.04' RT	946.41	206942.67	680075.31
864	403+58.45	105.72' RT	946.83	206945.13	680077.03
865	403+57.48	107.15' RT	946.82	206944.14	680078.45
866	403+54.45	111.63' RT	946.28	206941.04	680082.88

CTHVV-NE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
867	403+51.65	115.78' RT	946.25	206938.18	680086.99
868	403+48.91	119.83' RT	946.72	206935.38	680091.00
869	403+46.68	123.14' RT	946.69	206933.09	680094.28
870	403+55.01	117.97' RT	946.52	206941.50	680089.23
871	403+57.82	113.83' RT	946.55	206944.37	680085.13
872	403+63.43	105.55' RT	946.75	206950.11	680076.94
873	403+68.10	108.29' RT	946.94	206954.14	680079.77
874	403+61.95	116.63' RT	946.63	206948.46	680088.00
875	403+59.15	120.77' RT	946.60	206945.59	680092.10
876	403+53.45	128.99' RT	946.84	206939.77	680100.23
877	403+49.34	126.21' RT	946.66	206935.71	680097.38

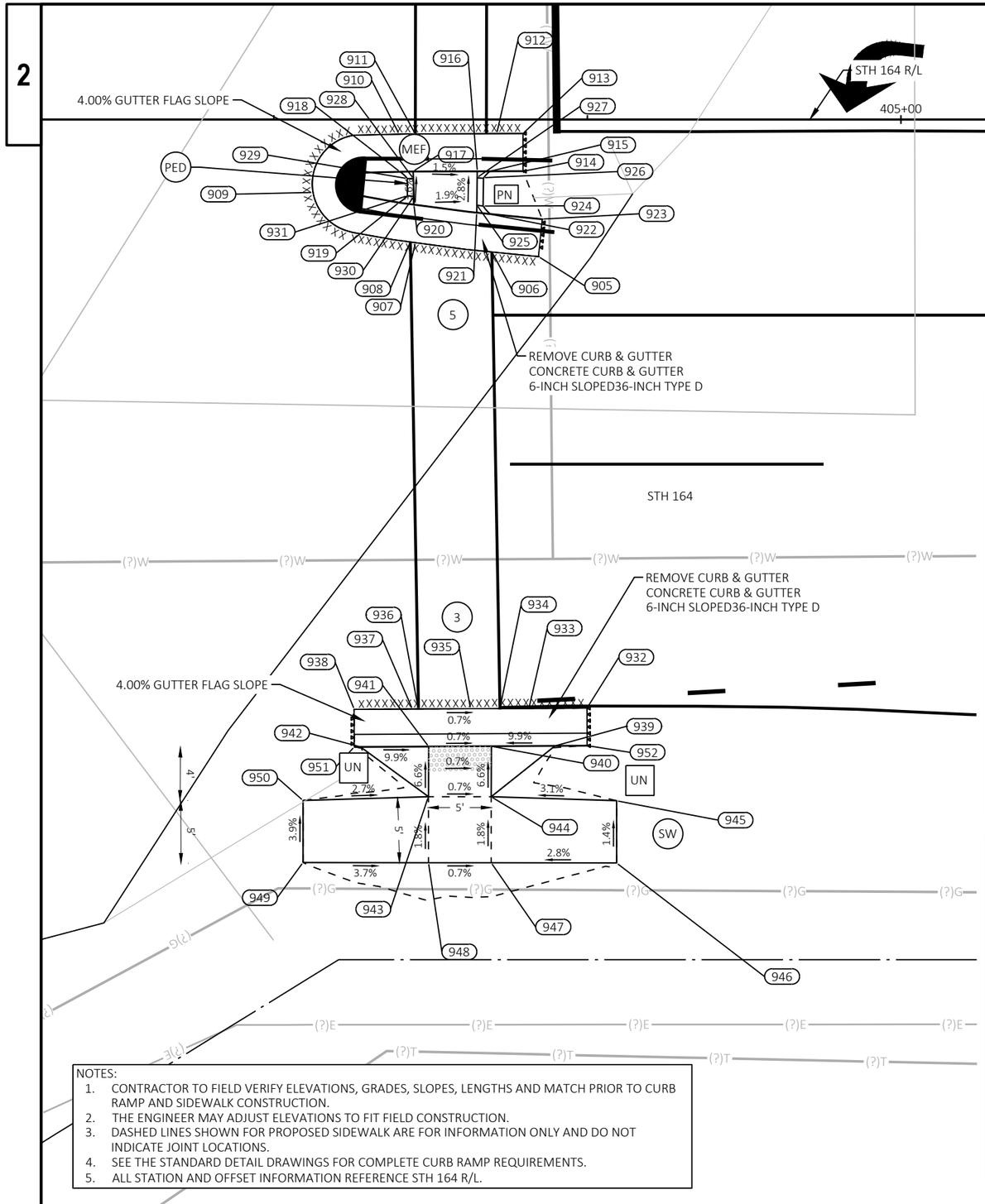
CTHVV-E-Median					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
878	402+97.19	87.83' RT	946.64	206884.15	680058.21
879	403+00.10	83.39' RT	946.77	206887.13	680053.81
880	403+03.43	77.76' RT	946.82	206890.55	680048.24
881	403+04.31	76.21' RT	946.82	206891.45	680046.70
882	403+05.87	63.80' RT	947.05	206893.20	680034.31
883	402+96.41	71.59' RT	946.99	206883.62	680041.96
884	402+95.67	72.69' RT	947.00	206882.86	680043.04
885	402+92.00	78.09' RT	946.98	206879.11	680048.39
886	402+88.75	82.87' RT	946.95	206875.79	680053.12
887	402+91.23	84.56' RT	947.37	206878.25	680054.84

CTHVV-E-Median					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
888	402+94.18	80.22' RT	947.40	206881.26	680050.55
889	402+94.74	79.40' RT	946.91	206881.83	680049.74
890	402+94.89	80.06' RT	947.38	206881.97	680050.40
891	402+95.14	79.62' RT	946.88	206882.23	680049.97
892	402+98.05	75.47' RT	947.18	206885.20	680045.86
893	402+98.29	75.04' RT	947.41	206885.45	680045.43
894	402+97.58	75.22' RT	946.93	206884.74	680045.60
895	402+98.15	74.38' RT	947.42	206885.32	680044.77
896	403+00.95	76.06' RT	947.24	206888.09	680046.50
897	403+00.50	76.86' RT	946.74	206887.63	680047.29

CTHVV-E-Median					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
898	403+00.27	76.15' RT	947.31	206887.41	680046.58
899	403+00.02	76.58' RT	947.04	206887.16	680047.00
900	402+97.93	81.21' RT	946.69	206885.00	680051.60
901	402+97.39	80.91' RT	946.97	206884.46	680051.29
902	402+97.15	81.34' RT	947.23	206884.21	680051.72
903	402+97.34	82.13' RT	947.18	206884.39	680052.51
904	402+94.68	86.19' RT	947.06	206881.67	680056.53

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	CURB RAMP DETAILS - CTH VV NE & E MEDIAN RAMP	SHEET 100	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\023101NORTH-CR.DWG
LAYOUT NAME - 33
PLOT DATE : 4/28/2026 8:13 AM
PLOT BY : OATES, KYLE
PLOT NAME :
PLOT SCALE : 1 IN:10 FT



LEGEND

X — POINT NUMBER	PT — PAVED TRAVERSABLE FLARE (10:1 MAX SLOPE)
SW — CONCRETE SIDEWALK	PN — PAVED NON-TRAVERSABLE FLARE (6:1 MAX SLOPE)
PED — CONCRETE CURB PEDESTRIAN	UN — UNPAVED NON-TRAVERSABLE FLARE (6:1 MAX SLOPE)
MUP — MULTI-USE PATH	MEF — MAXIMUM EXTENT FEASIBLE TECHNICAL INFEASIBILITY PRESENT
X — CURB RAMP TYPE	XXXX — SAWING ASPHALT
DETECTABLE WARNING FIELD SIZE 2'X5' UNLESS NOTED ON PAGE	SAWING CONCRETE

NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS AND MATCH PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.
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3. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE JOINT LOCATIONS.
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5. ALL STATION AND OFFSET INFORMATION REFERENCE STH 164 R/L.

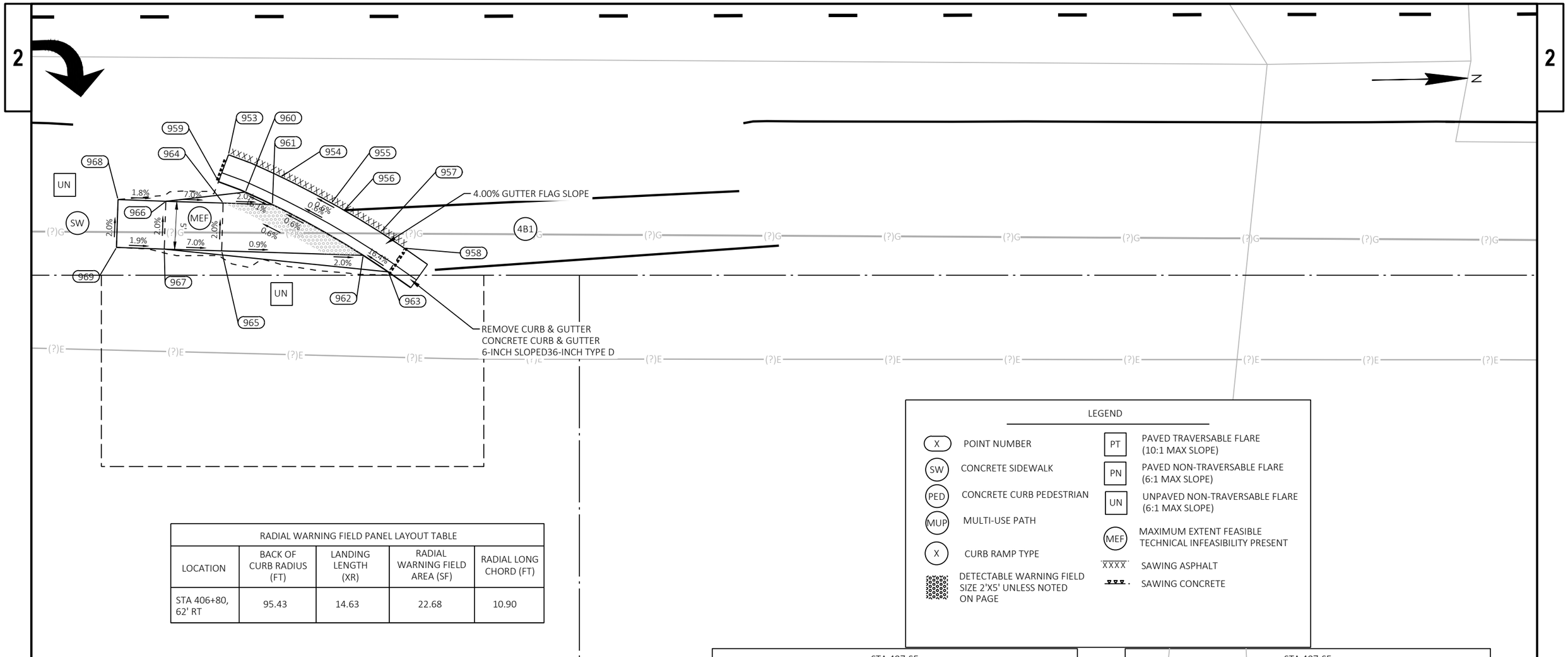
CTHVV-N-Median					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
905	404+71.11	10.93' RT	946.65	207059.16	679984.58
906	404+67.39	10.57' RT	946.70	207055.45	679984.14
907	404+61.30	9.82' RT	946.79	207049.38	679983.27
908	404+60.88	9.77' RT	946.80	207048.96	679983.21
909	404+53.12	5.83' RT	946.85	207041.28	679979.10
910	404+60.00	1.17' RT	946.72	207048.26	679974.58
911	404+61.28	1.15' RT	946.70	207049.54	679974.59
912	404+67.78	1.13' RT	946.61	207056.03	679974.71
913	404+69.87	1.12' RT	946.58	207058.12	679974.75
914	404+69.87	4.12' RT	947.00	207058.07	679977.74
915	404+67.23	4.13' RT	947.04	207055.43	679977.70
916	404+66.23	4.13' RT	946.55	207054.42	679977.68
917	404+61.12	4.15' RT	946.62	207049.32	679977.59
918	404+60.05	4.17' RT	947.14	207048.24	679977.58

CTHVV-N-Median					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
919	404+59.97	6.62' RT	947.24	207048.12	679980.04
920	404+61.17	6.78' RT	946.72	207049.31	679980.23
921	404+66.18	7.43' RT	946.65	207054.31	679980.98
922	404+67.25	7.54' RT	947.13	207055.37	679981.11
923	404+71.40	7.95' RT	947.07	207059.52	679981.60
924	404+66.69	6.91' RT	947.13	207054.83	679980.46
925	404+66.19	6.84' RT	946.63	207054.33	679980.38
926	404+66.72	4.64' RT	947.05	207054.91	679978.20
927	404+66.22	4.63' RT	946.57	207054.41	679978.17
928	404+61.13	4.71' RT	946.64	207049.31	679978.15
929	404+60.63	4.71' RT	947.14	207048.81	679978.14
930	404+61.16	6.14' RT	946.70	207049.31	679979.58
931	404+60.65	6.07' RT	947.20	207048.81	679979.50

CTHVV-NE-2					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
932	404+74.98	46.93' RT	946.29	207062.28	680020.66
933	404+70.33	46.96' RT	946.32	207057.63	680020.58
934	404+68.03	46.97' RT	946.34	207055.33	680020.54
935	404+65.69	46.98' RT	946.36	207052.99	680020.51
936	404+61.53	47.00' RT	946.38	207048.83	680020.44
937	404+61.05	47.00' RT	946.39	207048.35	680020.43
938	404+56.41	47.03' RT	946.42	207043.71	680020.36
939	404+72.42	49.95' RT	946.73	207059.66	680023.61
940	404+67.34	49.97' RT	946.26	207054.58	680023.53
941	404+62.34	50.00' RT	946.30	207049.58	680023.45
942	404+56.92	50.02' RT	946.84	207044.16	680023.37

CTHVV-NE-2					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
943	404+62.33	54.00' RT	946.56	207049.48	680027.45
944	404+67.33	54.00' RT	946.53	207054.48	680027.56
945	404+77.33	54.32' RT	946.84	207064.48	680028.09
946	404+77.33	59.28' RT	946.91	207064.37	680033.05
947	404+67.33	59.27' RT	946.62	207054.37	680032.82
948	404+62.33	59.26' RT	946.66	207049.37	680032.71
949	404+52.33	59.25' RT	947.02	207039.38	680032.49
950	404+52.33	54.29' RT	946.83	207039.48	680027.54
951	404+56.42	50.03' RT	946.34	207043.66	680023.36
952	404+74.99	49.93' RT	946.71	207062.23	680023.65

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	CURB RAMP DETAILS - CTH VV NE & N MEDIAN RAMPS	SHEET 101	E



LEGEND

X — POINT NUMBER	PT — PAVED TRAVERSABLE FLARE (10:1 MAX SLOPE)
SW — CONCRETE SIDEWALK	PN — PAVED NON-TRAVERSABLE FLARE (6:1 MAX SLOPE)
PED — CONCRETE CURB PEDESTRIAN	UN — UNPAVED NON-TRAVERSABLE FLARE (6:1 MAX SLOPE)
MUP — MULTI-USE PATH	MEF — MAXIMUM EXTENT FEASIBLE TECHNICAL INFEASIBILITY PRESENT
X — CURB RAMP TYPE	XXXX — SAWING ASPHALT
DETECTABLE WARNING FIELD SIZE 2'X5' UNLESS NOTED ON PAGE	SAWING CONCRETE

RADIAL WARNING FIELD PANEL LAYOUT TABLE				
LOCATION	BACK OF CURB RADIUS (FT)	LANDING LENGTH (XR)	RADIAL WARNING FIELD AREA (SF)	RADIAL LONG CHORD (FT)
STA 406+80, 62' RT	95.43	14.63	22.68	10.90

NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS AND MATCH PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONSTRUCTION.
3. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE JOINT LOCATIONS.
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5. ALL STATION AND OFFSET INFORMATION REFERENCE STH 164 R/L.

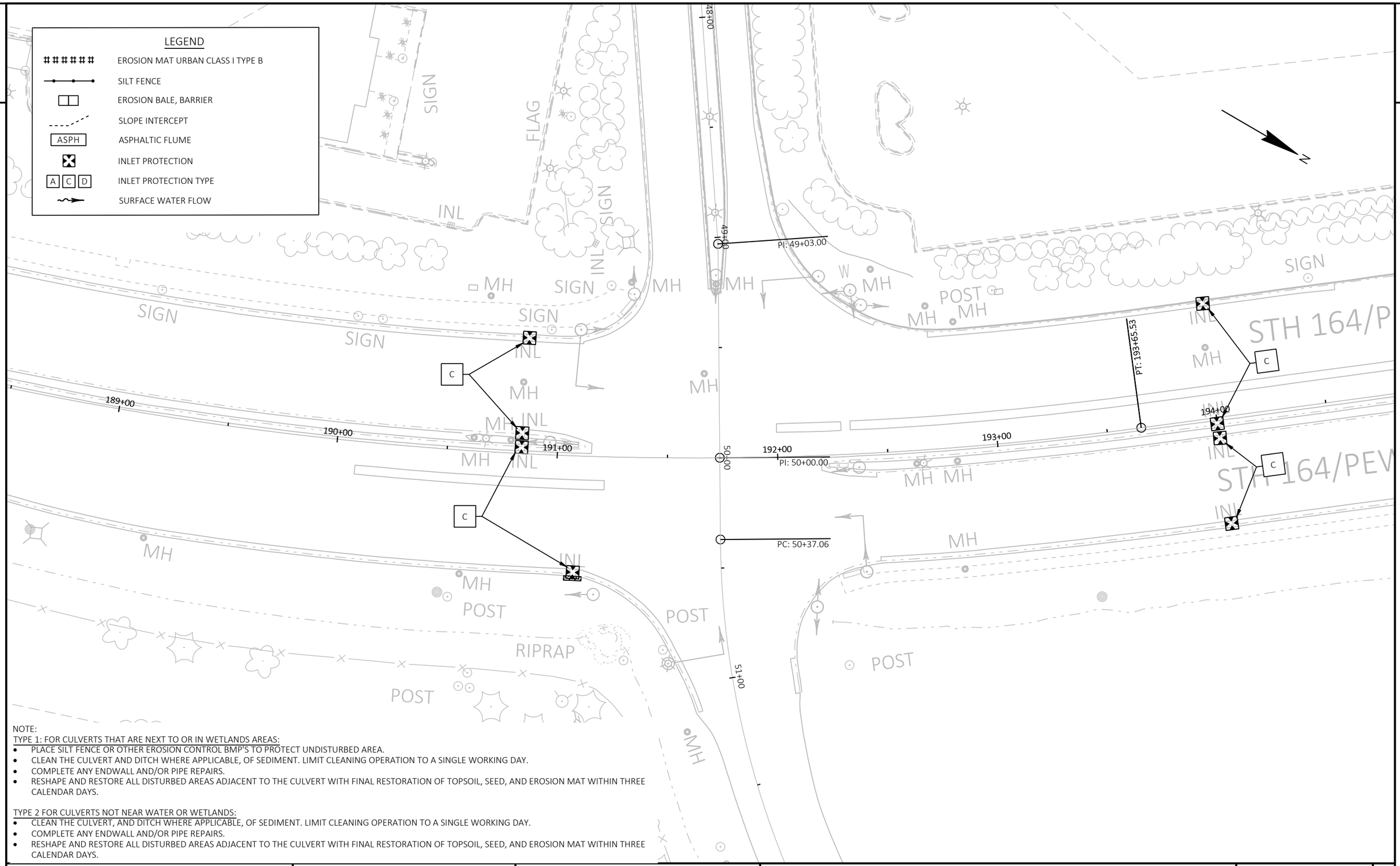
STA 407-SE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
953	406+72.09	54.40' RT	945.40	207259.19	680032.23
954	406+77.58	56.71' RT	945.39	207264.63	680034.65
955	406+82.87	59.45' RT	945.41	207269.87	680037.51
956	406+84.20	60.20' RT	945.42	207271.17	680038.28
957	406+87.99	62.51' RT	945.45	207274.92	680040.67
958	406+90.52	64.18' RT	945.45	207277.41	680042.39
959	406+71.05	57.21' RT	945.82	207258.09	680035.02
960	406+73.87	58.29' RT	945.82	207260.89	680036.16
961	406+76.70	59.61' RT	945.31	207263.69	680037.54

STA 407-SE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
962	406+86.18	64.91' RT	945.37	207273.06	680043.04
963	406+88.83	66.65' RT	945.87	207275.67	680044.83
964	406+71.54	59.45' RT	945.42	207258.53	680037.27
965	406+71.38	64.45' RT	945.51	207258.27	680042.27
966	406+65.54	59.27' RT	945.84	207252.54	680036.96
967	406+65.38	64.26' RT	945.93	207252.28	680041.95
968	406+60.54	59.08' RT	945.93	207247.55	680036.67
969	406+60.39	64.07' RT	946.03	207247.29	680041.66

2

LEGEND

- EROSION MAT URBAN CLASS I TYPE B
- SILT FENCE
- EROSION BALE, BARRIER
- SLOPE INTERCEPT
- ASPH — ASPHALTIC FLUME
- INLET PROTECTION
- A C D — INLET PROTECTION TYPE
- SURFACE WATER FLOW



NOTE:

TYPE 1: FOR CULVERTS THAT ARE NEXT TO OR IN WETLANDS AREAS:

- PLACE SILT FENCE OR OTHER EROSION CONTROL BMP'S TO PROTECT UNDISTURBED AREA.
- CLEAN THE CULVERT AND DITCH WHERE APPLICABLE, OF SEDIMENT. LIMIT CLEANING OPERATION TO A SINGLE WORKING DAY.
- COMPLETE ANY ENDWALL AND/OR PIPE REPAIRS.
- RESHAPE AND RESTORE ALL DISTURBED AREAS ADJACENT TO THE CULVERT WITH FINAL RESTORATION OF TOPSOIL, SEED, AND EROSION MAT WITHIN THREE CALENDAR DAYS.

TYPE 2 FOR CULVERTS NOT NEAR WATER OR WETLANDS:

- CLEAN THE CULVERT, AND DITCH WHERE APPLICABLE, OF SEDIMENT. LIMIT CLEANING OPERATION TO A SINGLE WORKING DAY.
- COMPLETE ANY ENDWALL AND/OR PIPE REPAIRS.
- RESHAPE AND RESTORE ALL DISTURBED AREAS ADJACENT TO THE CULVERT WITH FINAL RESTORATION OF TOPSOIL, SEED, AND EROSION MAT WITHIN THREE CALENDAR DAYS.

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	EROSION CONTROL	SHEET 103	E

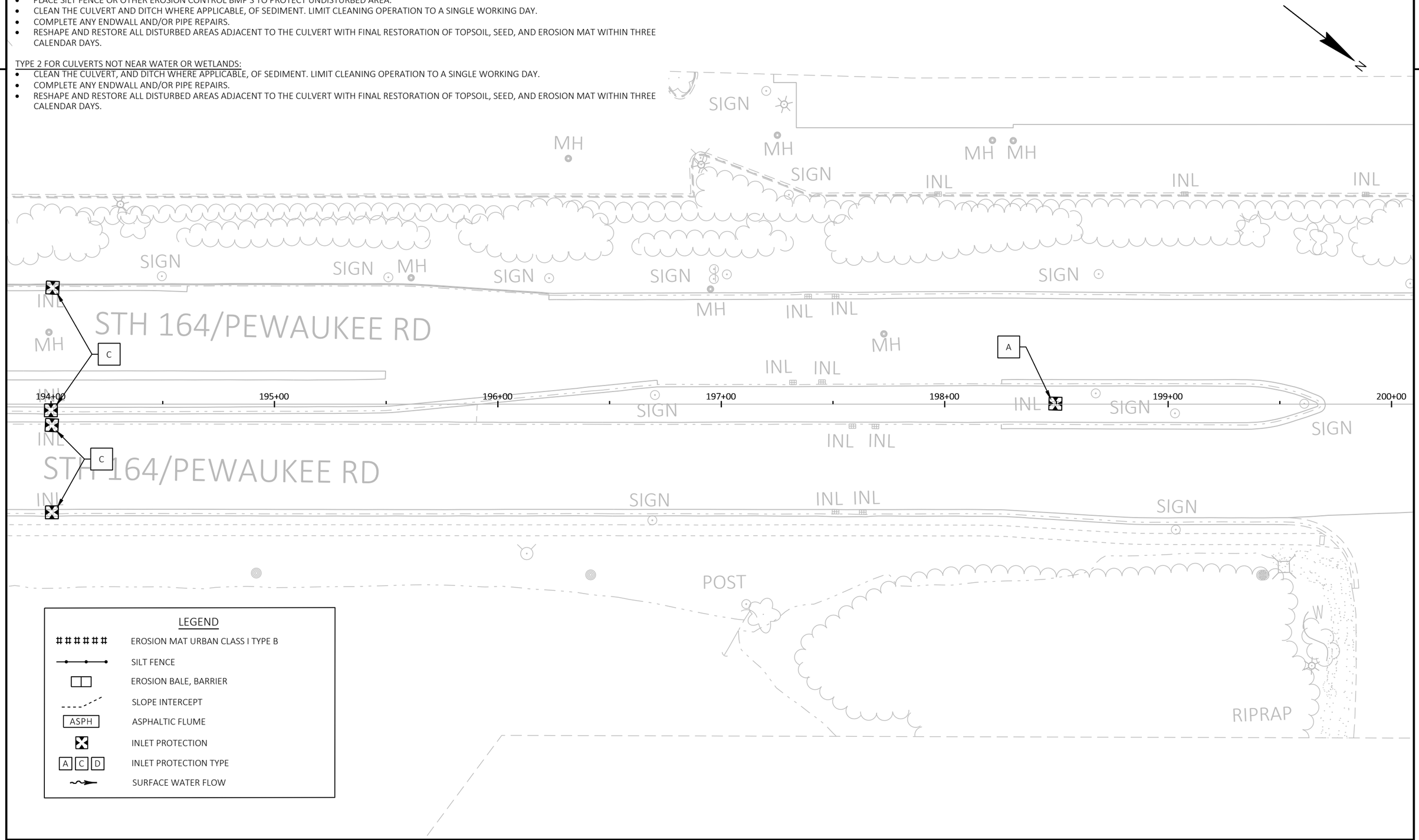
NOTE:

TYPE 1: FOR CULVERTS THAT ARE NEXT TO OR IN WETLANDS AREAS:

- PLACE SILT FENCE OR OTHER EROSION CONTROL BMP'S TO PROTECT UNDISTURBED AREA.
- CLEAN THE CULVERT AND DITCH WHERE APPLICABLE, OF SEDIMENT. LIMIT CLEANING OPERATION TO A SINGLE WORKING DAY.
- COMPLETE ANY ENDWALL AND/OR PIPE REPAIRS.
- RESHAPE AND RESTORE ALL DISTURBED AREAS ADJACENT TO THE CULVERT WITH FINAL RESTORATION OF TOPSOIL, SEED, AND EROSION MAT WITHIN THREE CALENDAR DAYS.

TYPE 2 FOR CULVERTS NOT NEAR WATER OR WETLANDS:

- CLEAN THE CULVERT, AND DITCH WHERE APPLICABLE, OF SEDIMENT. LIMIT CLEANING OPERATION TO A SINGLE WORKING DAY.
- COMPLETE ANY ENDWALL AND/OR PIPE REPAIRS.
- RESHAPE AND RESTORE ALL DISTURBED AREAS ADJACENT TO THE CULVERT WITH FINAL RESTORATION OF TOPSOIL, SEED, AND EROSION MAT WITHIN THREE CALENDAR DAYS.



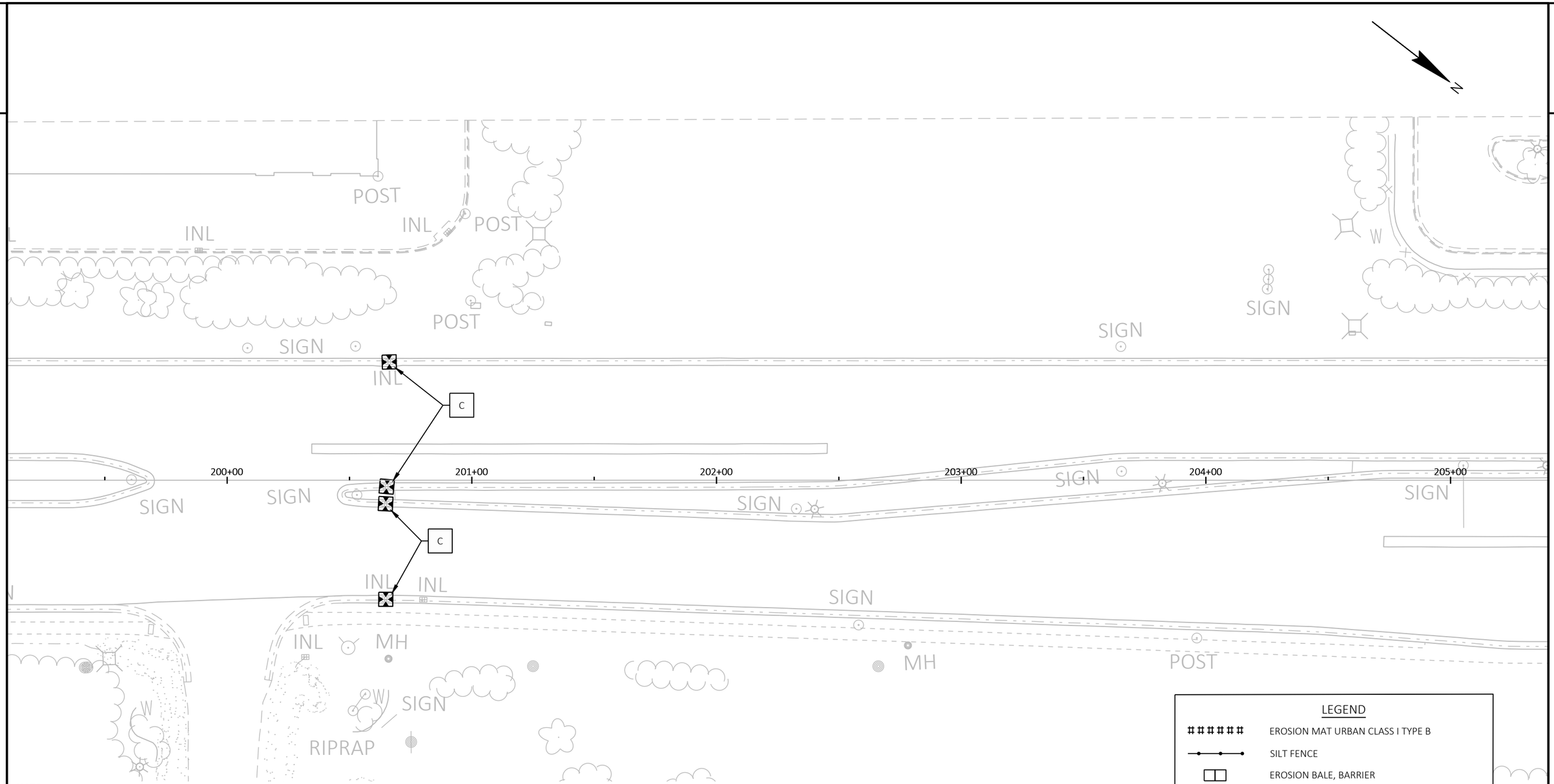
PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	EROSION CONTROL	SHEET 104	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\022001A-EC.DWG
LAYOUT NAME - 02

PLOT DATE : 5/1/2026 6:01 AM PLOT BY : DILLINGHAM, MATTHEW PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2



NOTE:

TYPE 1: FOR CULVERTS THAT ARE NEXT TO OR IN WETLANDS AREAS:

- PLACE SILT FENCE OR OTHER EROSION CONTROL BMP'S TO PROTECT UNDISTURBED AREA.
- CLEAN THE CULVERT AND DITCH WHERE APPLICABLE, OF SEDIMENT. LIMIT CLEANING OPERATION TO A SINGLE WORKING DAY.
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LEGEND

######	EROSION MAT URBAN CLASS I TYPE B
	SILT FENCE
	EROSION BALE, BARRIER
	SLOPE INTERCEPT
ASPH	ASPHALTIC FLUME
	INLET PROTECTION
A C D	INLET PROTECTION TYPE
	SURFACE WATER FLOW

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	EROSION CONTROL	SHEET 105 E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\022001A-EC.DWG
LAYOUT NAME - 03

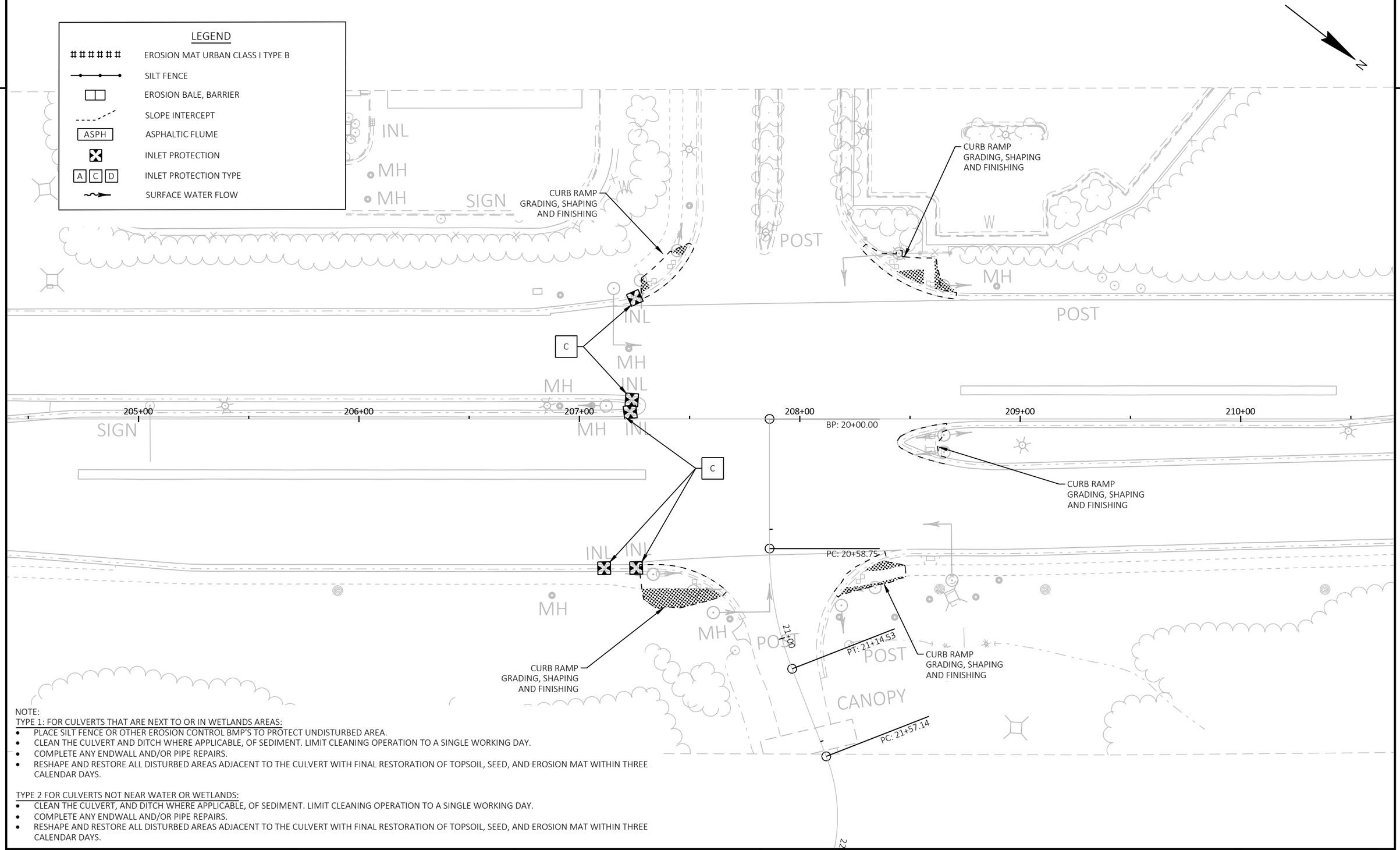
PLOT DATE : 5/1/2026 6:01 AM PLOT BY : DILLINGHAM, MATTHEW PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

2

LEGEND

- EROSION MAT URBAN CLASS I TYPE B
- SILT FENCE
- EROSION BALE, BARRIER
- SLOPE INTERCEPT
- ASPH — ASPHALTIC FLUME
- INLET PROTECTION
- A C D — INLET PROTECTION TYPE
- SURFACE WATER FLOW



NOTE:

TYPE 1: FOR CULVERTS THAT ARE NEXT TO OR IN WETLANDS AREAS:

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TYPE 2 FOR CULVERTS NOT NEAR WATER OR WETLANDS:

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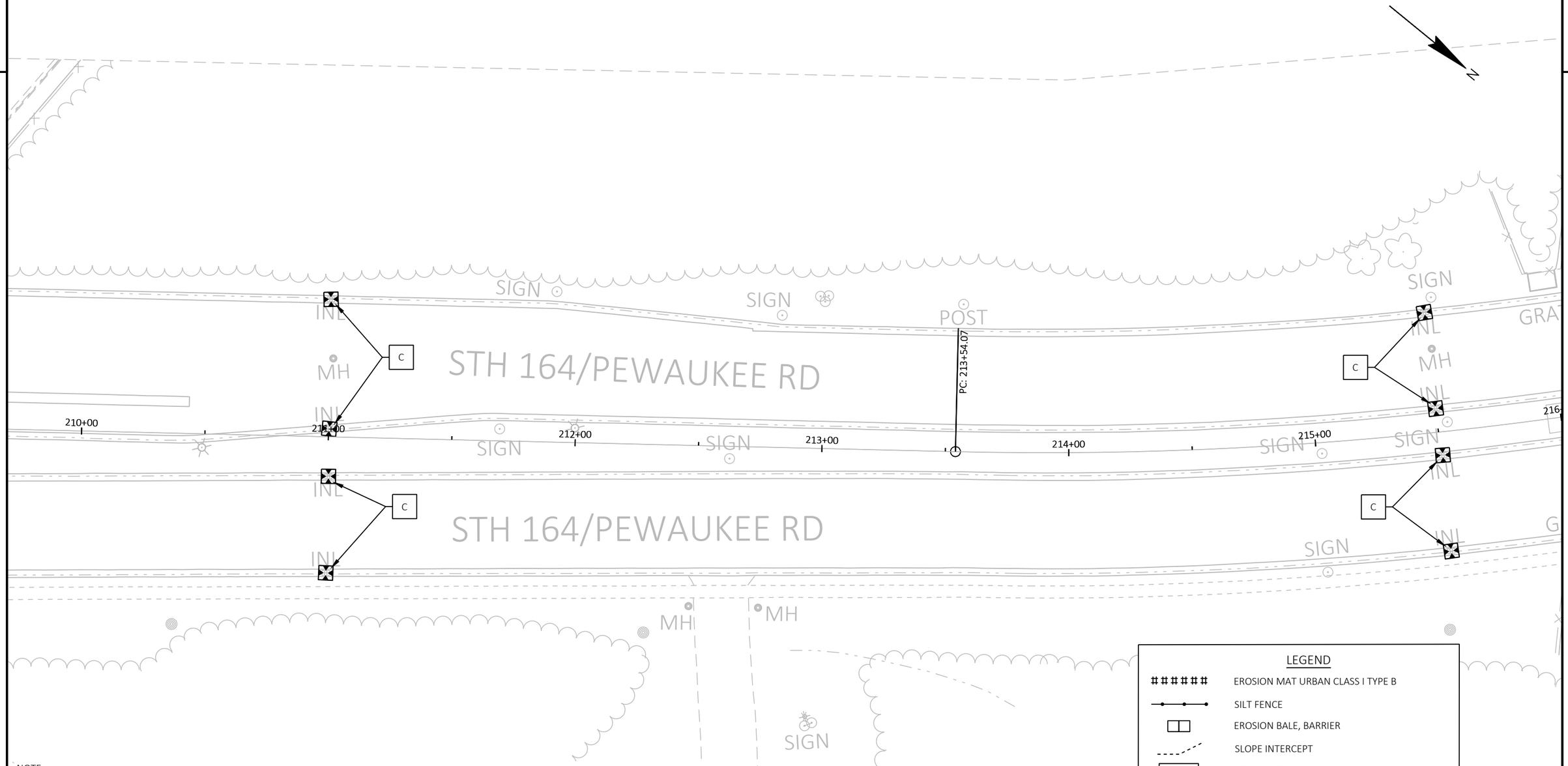
- RESHAPE AND RESTORE ALL DISTURBED AREAS ADJACENT TO THE CULVERT WITH FINAL RESTORATION OF TOPSOIL, SEED, AND EROSION MAT WITHIN THREE CALENDAR DAYS.

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	EROSION CONTROL	SHEET 106	E

2



NOTE:

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LEGEND

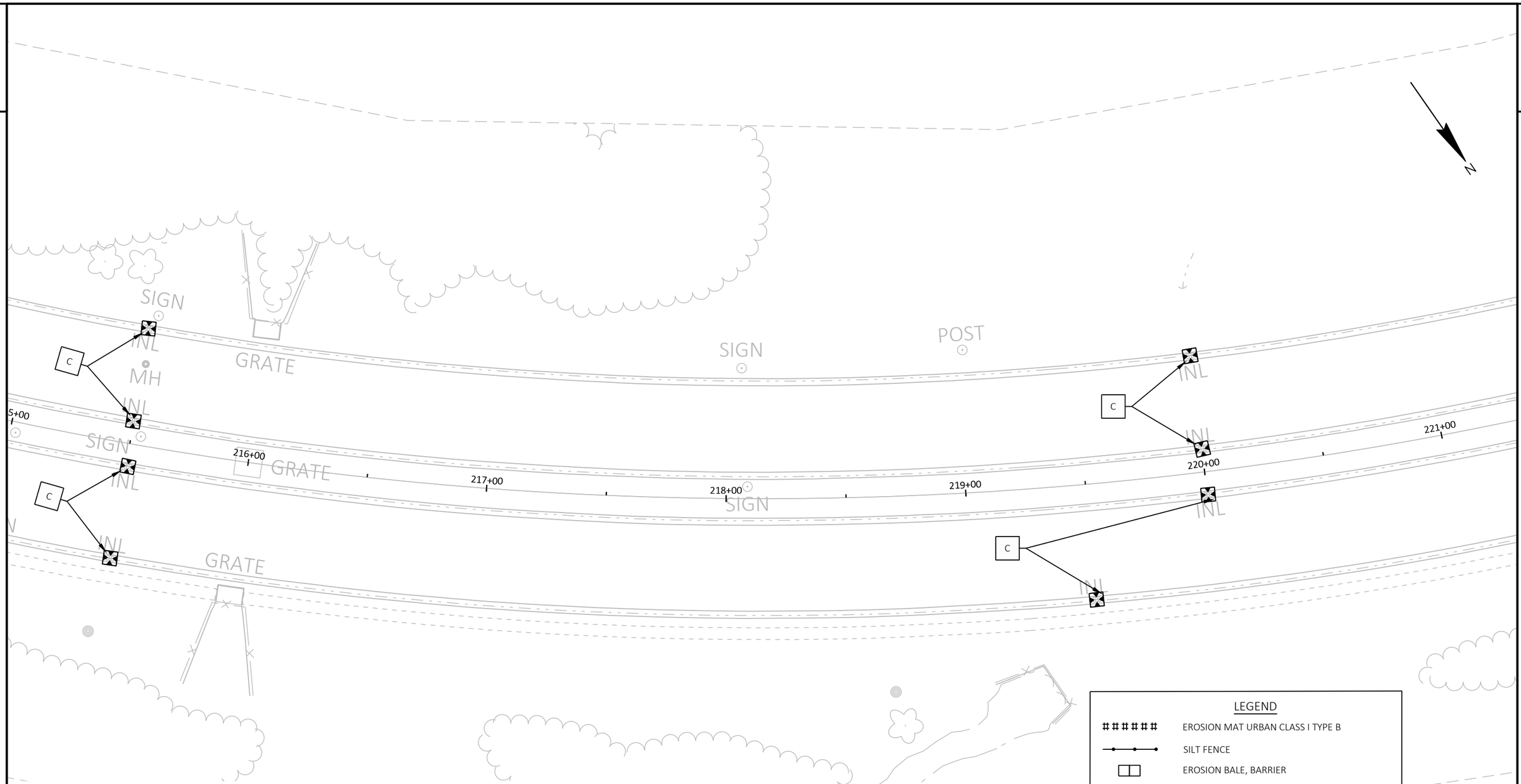
######	EROSION MAT URBAN CLASS I TYPE B
	SILT FENCE
	EROSION BALE, BARRIER
	SLOPE INTERCEPT
ASPH	ASPHALTIC FLUME
	INLET PROTECTION
A C D	INLET PROTECTION TYPE
	SURFACE WATER FLOW

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	EROSION CONTROL	SHEET 107	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\022001A-EC.DWG
LAYOUT NAME - 05

PLOT DATE : 5/1/2026 6:02 AM PLOT BY : DILLINGHAM, MATTHEW PLOT NAME : PLOT SCALE : 1 IN:40 FT

2



NOTE:

TYPE 1: FOR CULVERTS THAT ARE NEXT TO OR IN WETLANDS AREAS:

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TYPE 2 FOR CULVERTS NOT NEAR WATER OR WETLANDS:

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LEGEND

######	EROSION MAT URBAN CLASS I TYPE B
	SILT FENCE
	EROSION BALE, BARRIER
	SLOPE INTERCEPT
ASPH	ASPHALTIC FLUME
	INLET PROTECTION
A C D	INLET PROTECTION TYPE
	SURFACE WATER FLOW

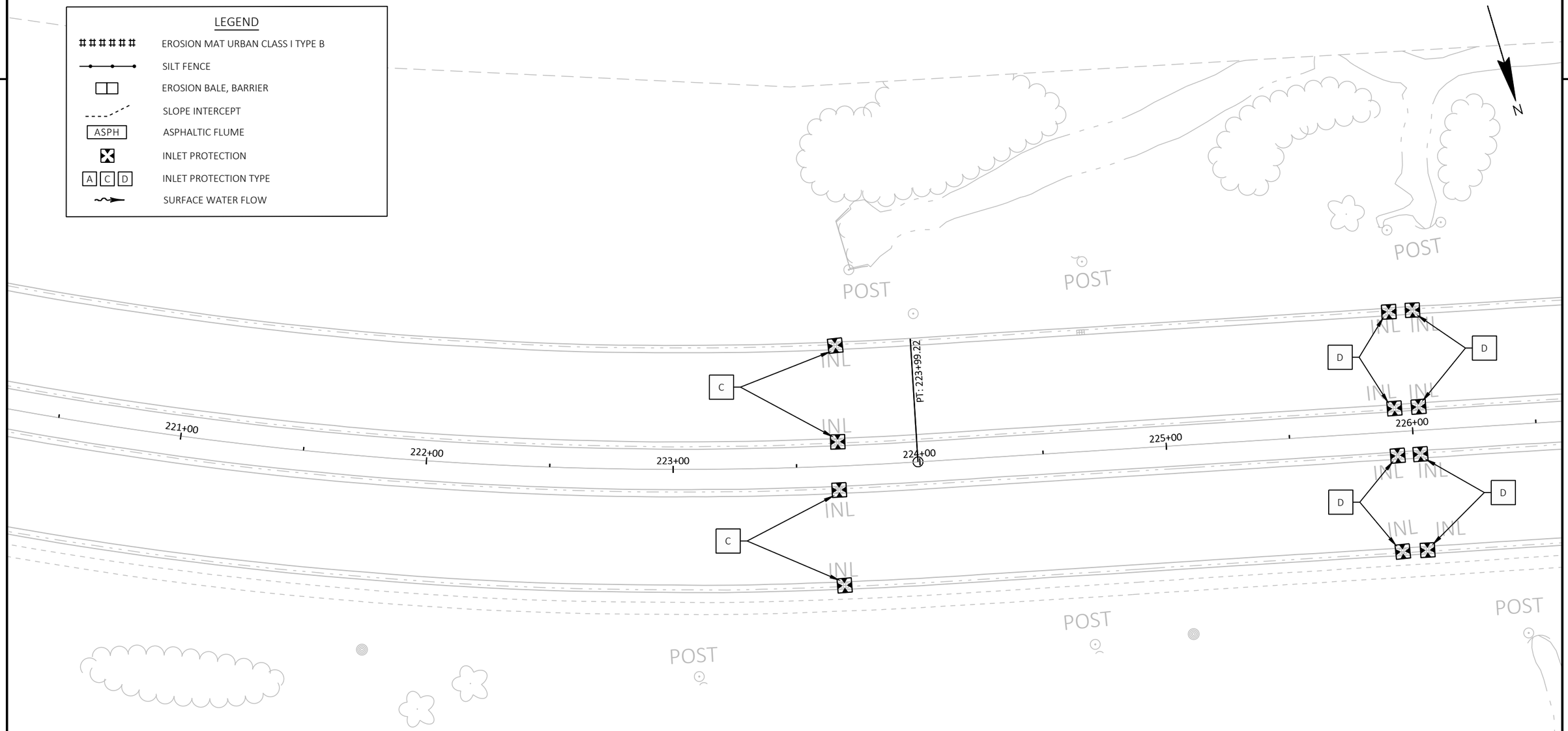
PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	EROSION CONTROL	SHEET 108	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\022001A-EC.DWG
LAYOUT NAME - 06
PLOT DATE : 5/1/2026 6:02 AM
PLOT BY : DILLINGHAM, MATTHEW
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

LEGEND

- EROSION MAT URBAN CLASS I TYPE B
- SILT FENCE
- EROSION BALE, BARRIER
- SLOPE INTERCEPT
- ASPH — ASPHALTIC FLUME
- INLET PROTECTION
- A C D — INLET PROTECTION TYPE
- SURFACE WATER FLOW



NOTE:

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PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	EROSION CONTROL	SHEET 109	E

NOTE:

TYPE 1: FOR CULVERTS THAT ARE NEXT TO OR IN WETLANDS AREAS:

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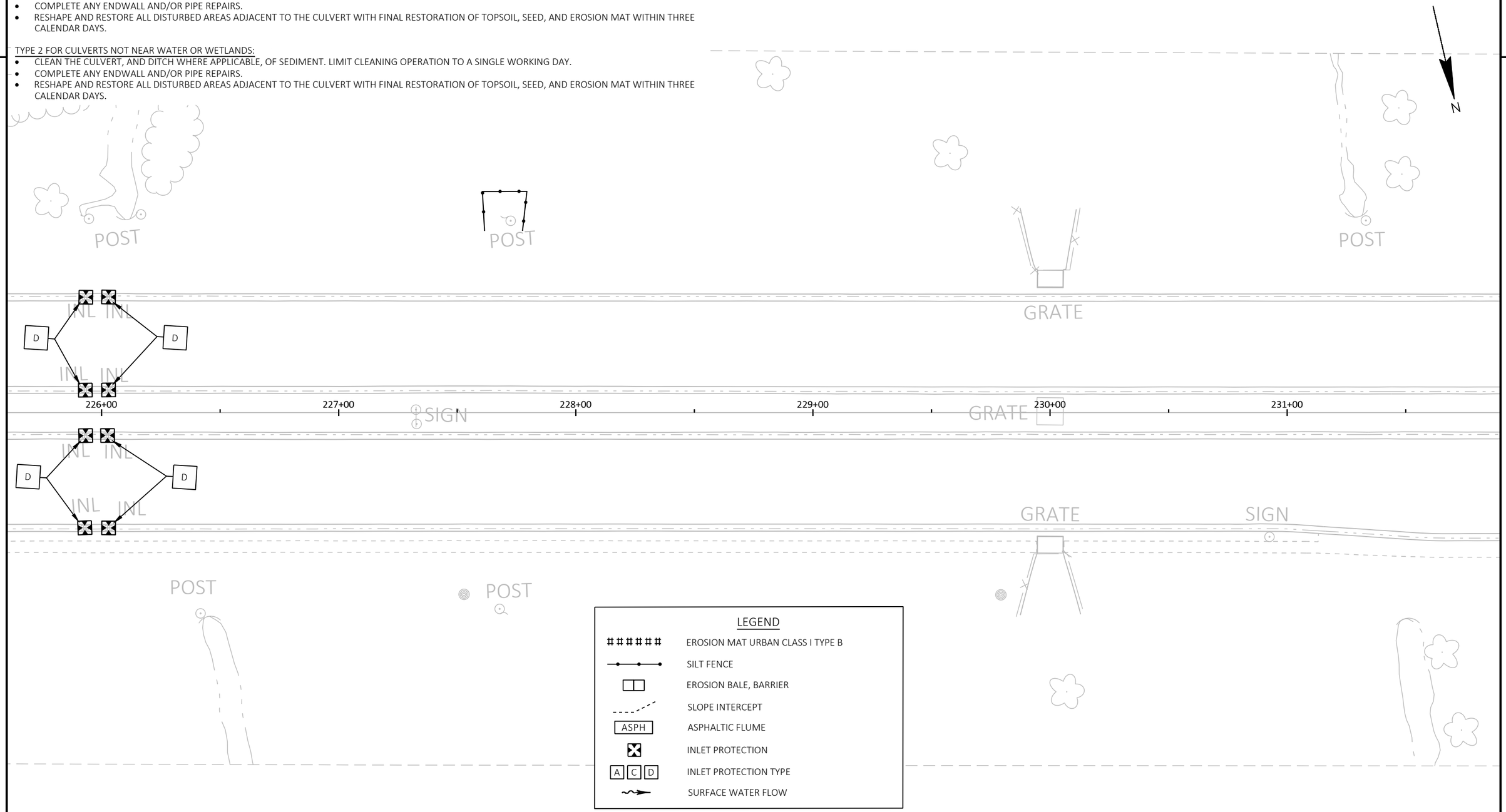

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	EROSION CONTROL	SHEET 110	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\022001A-EC.DWG
LAYOUT NAME - 08

PLOT DATE : 5/1/2026 6:03 AM PLOT BY : DILLINGHAM, MATTHEW PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- EROSION MAT URBAN CLASS I TYPE B
- SILT FENCE
- EROSION BALE, BARRIER
- SLOPE INTERCEPT
- ASPH — ASPHALTIC FLUME
- INLET PROTECTION
- A C D — INLET PROTECTION TYPE
- SURFACE WATER FLOW

N

POST

POST

POST

POST

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STH 164/PEWAUKEE RD

INL

C

231+00

232+00

233+00

234+00

SIGN

BP: 10+00.00

235+00

236+00

237+00

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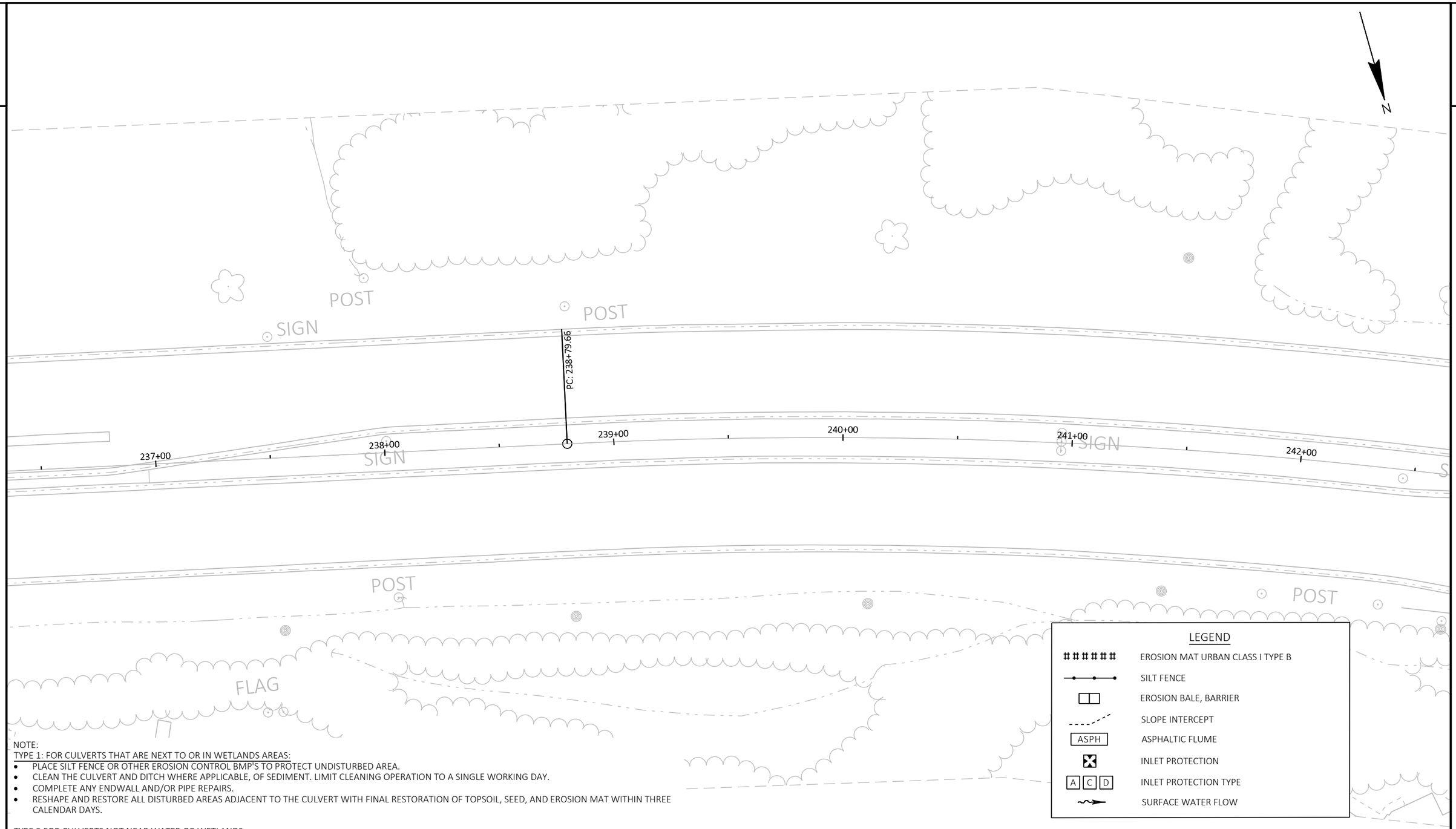
2



NOTE:

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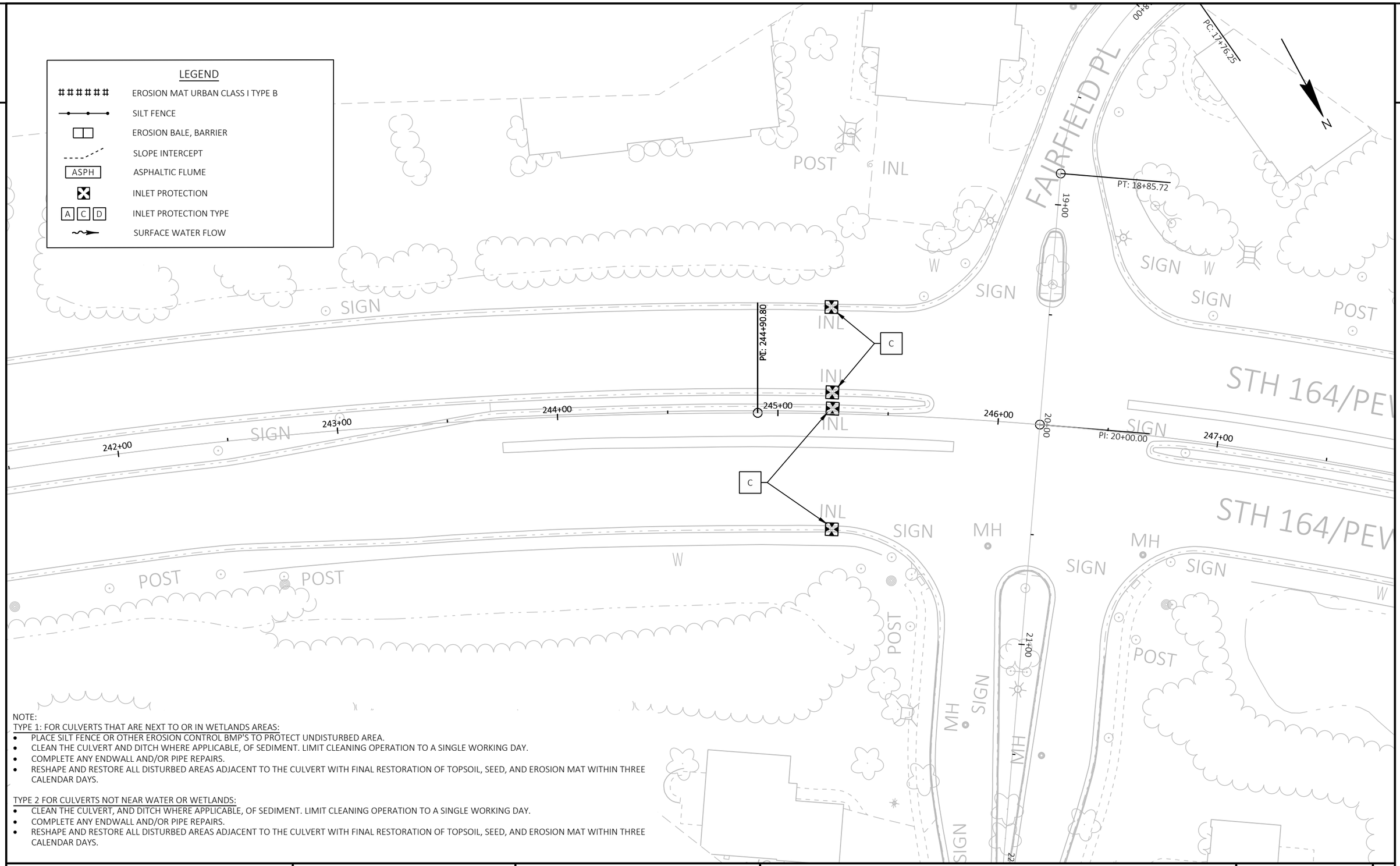
PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	EROSION CONTROL	SHEET 112	E

2

LEGEND

- EROSION MAT URBAN CLASS I TYPE B
- SILT FENCE
- EROSION BALE, BARRIER
- SLOPE INTERCEPT
- ASPH — ASPHALTIC FLUME
- INLET PROTECTION
- A C D — INLET PROTECTION TYPE
- SURFACE WATER FLOW



NOTE:

TYPE 1: FOR CULVERTS THAT ARE NEXT TO OR IN WETLANDS AREAS:

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PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	EROSION CONTROL	SHEET 113	E

NOTE:

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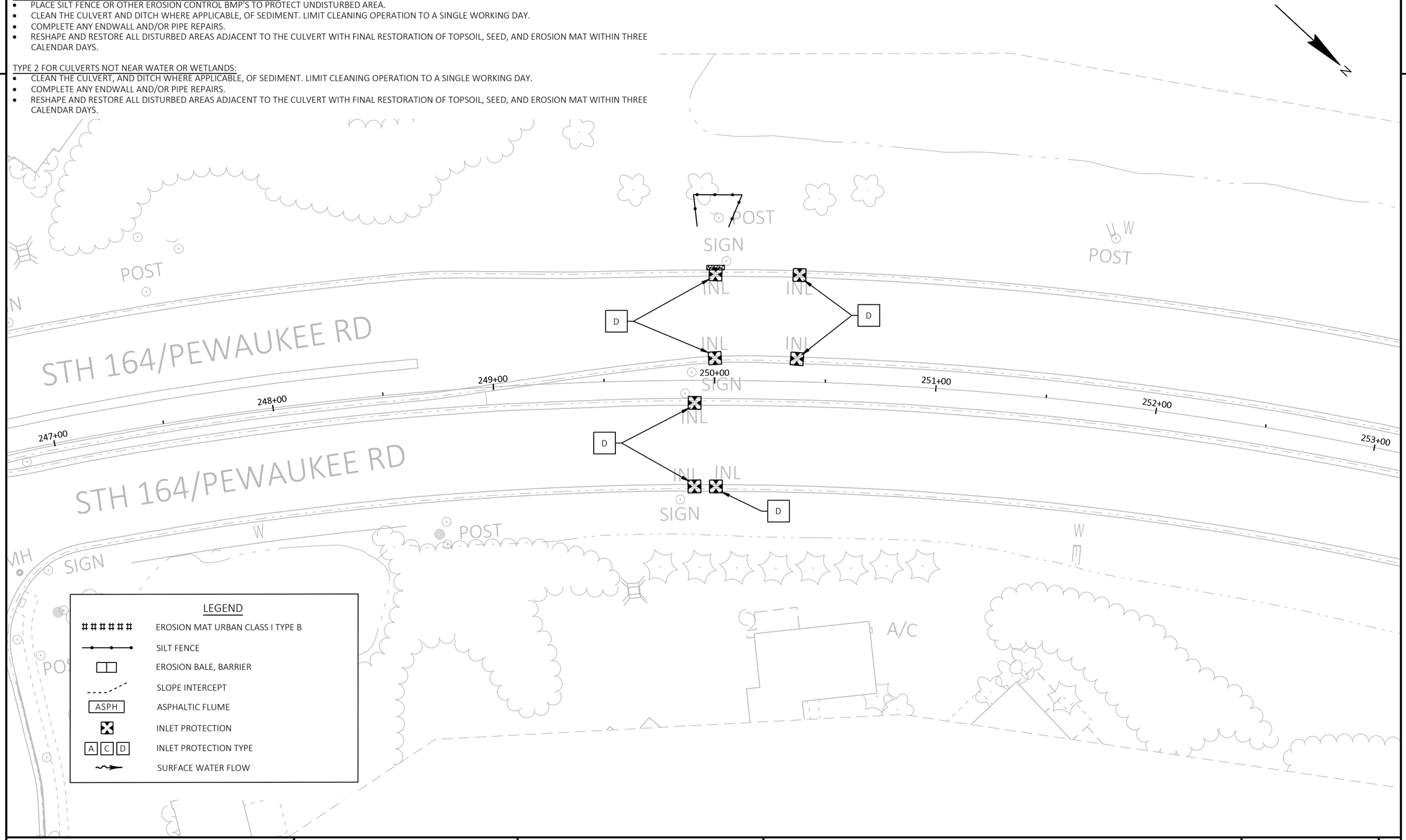

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	EROSION CONTROL	SHEET 114	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\022001A-EC.DWG
LAYOUT NAME - 12

PLOT DATE : 5/1/2026 6:04 AM PLOT BY : DILLINGHAM, MATTHEW PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- EROSION MAT URBAN CLASS I TYPE B
- SILT FENCE
- EROSION BALE, BARRIER
- SLOPE INTERCEPT
- ASPH — ASPHALTIC FLUME
- INLET PROTECTION
- A C D — INLET PROTECTION TYPE
- SURFACE WATER FLOW

N

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255+00

256+00

257+00

258+00

NOTE:

TYPE 1: FOR CULVERTS THAT ARE NEXT TO OR IN WETLANDS AREAS:

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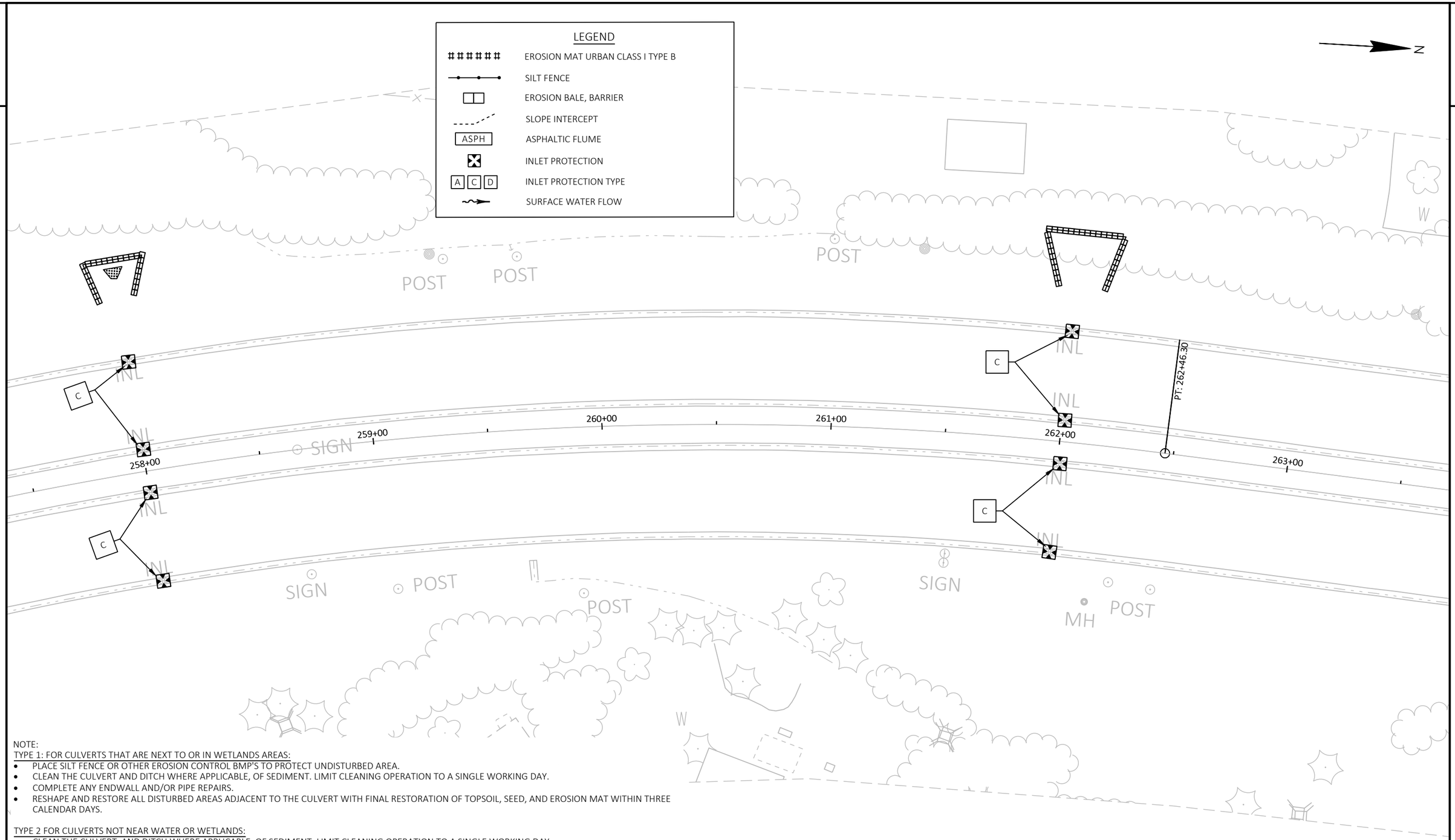
PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	EROSION CONTROL	SHEET 115	E

2

LEGEND

- EROSION MAT URBAN CLASS I TYPE B
- SILT FENCE
- EROSION BALE, BARRIER
- SLOPE INTERCEPT
- ASPH — ASPHALTIC FLUME
- INLET PROTECTION
- A C D — INLET PROTECTION TYPE
- SURFACE WATER FLOW

N



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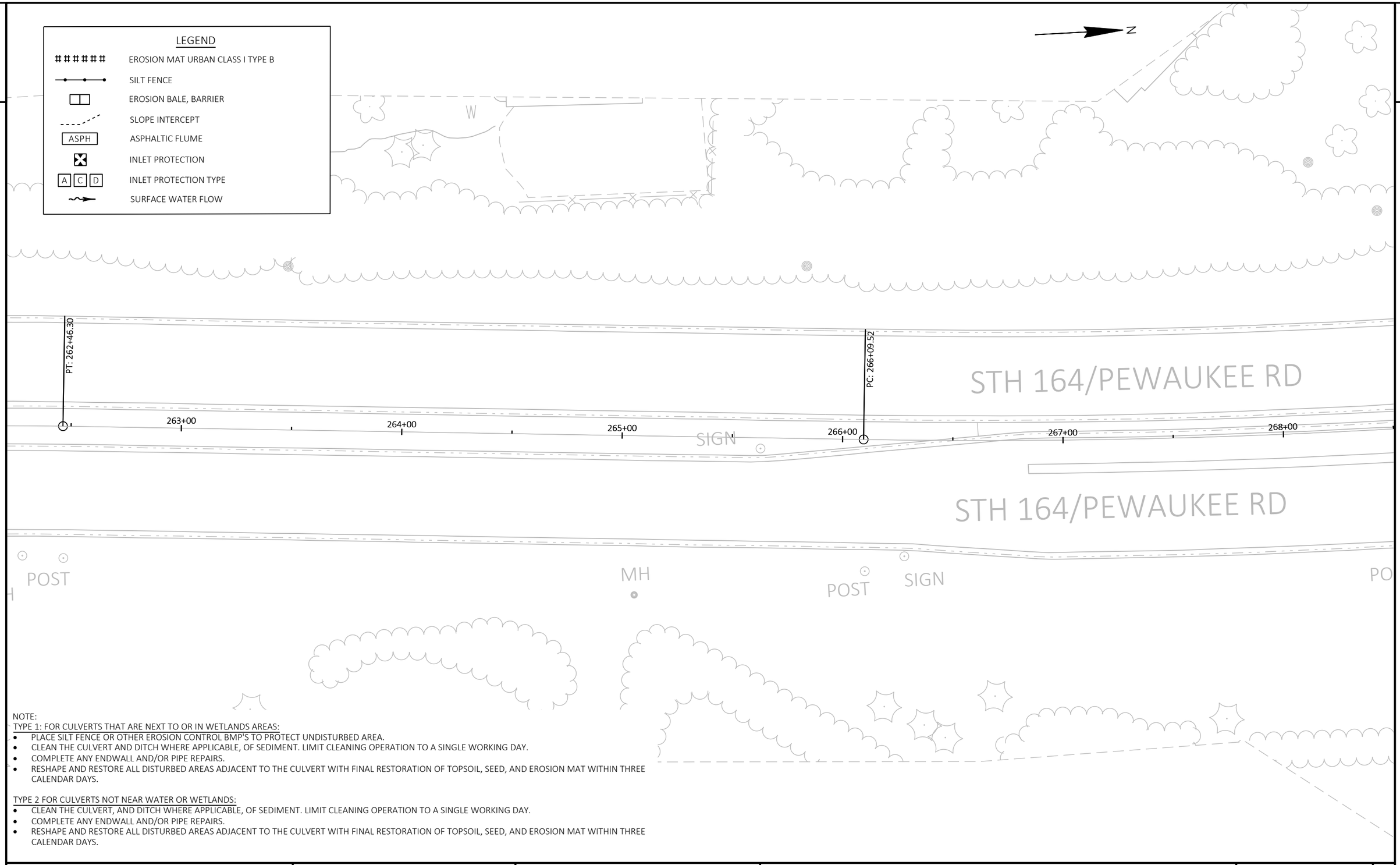
PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	EROSION CONTROL	SHEET 116	E

2

LEGEND

- EROSION MAT URBAN CLASS I TYPE B
- SILT FENCE
- EROSION BALE, BARRIER
- SLOPE INTERCEPT
- ASPH — ASPHALTIC FLUME
- INLET PROTECTION
- A C D — INLET PROTECTION TYPE
- SURFACE WATER FLOW



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PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	EROSION CONTROL	SHEET 117	E

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30+00
PI: 30+00.00
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TYPE 2 FOR CULVERTS NOT NEAR WATER OR WETLANDS:

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- COMPLETE ANY ENDWALL AND/OR PIPE REPAIRS.
- RESHAPE AND RESTORE ALL DISTURBED AREAS ADJACENT TO THE CULVERT WITH FINAL RESTORATION OF TOPSOIL, SEED, AND EROSION MAT WITHIN THREE CALENDAR DAYS.

LEGEND

- EROSION MAT URBAN CLASS I TYPE B
- SILT FENCE
- EROSION BALE, BARRIER
- SLOPE INTERCEPT
- ASPH — ASPHALTIC FLUME
- INLET PROTECTION
- A C D — INLET PROTECTION TYPE
- SURFACE WATER FLOW

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	EROSION CONTROL	SHEET 118	E

2

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PC: 279+06.81

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LEGEND

- EROSION MAT URBAN CLASS I TYPE B
- SILT FENCE
- EROSION BALE, BARRIER
- SLOPE INTERCEPT
- ASPH — ASPHALTIC FLUME
- INLET PROTECTION
- A C D — INLET PROTECTION TYPE
- SURFACE WATER FLOW

NOTE:

TYPE 1: FOR CULVERTS THAT ARE NEXT TO OR IN WETLANDS AREAS:

- PLACE SILT FENCE OR OTHER EROSION CONTROL BMP'S TO PROTECT UNDISTURBED AREA.
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LEGEND

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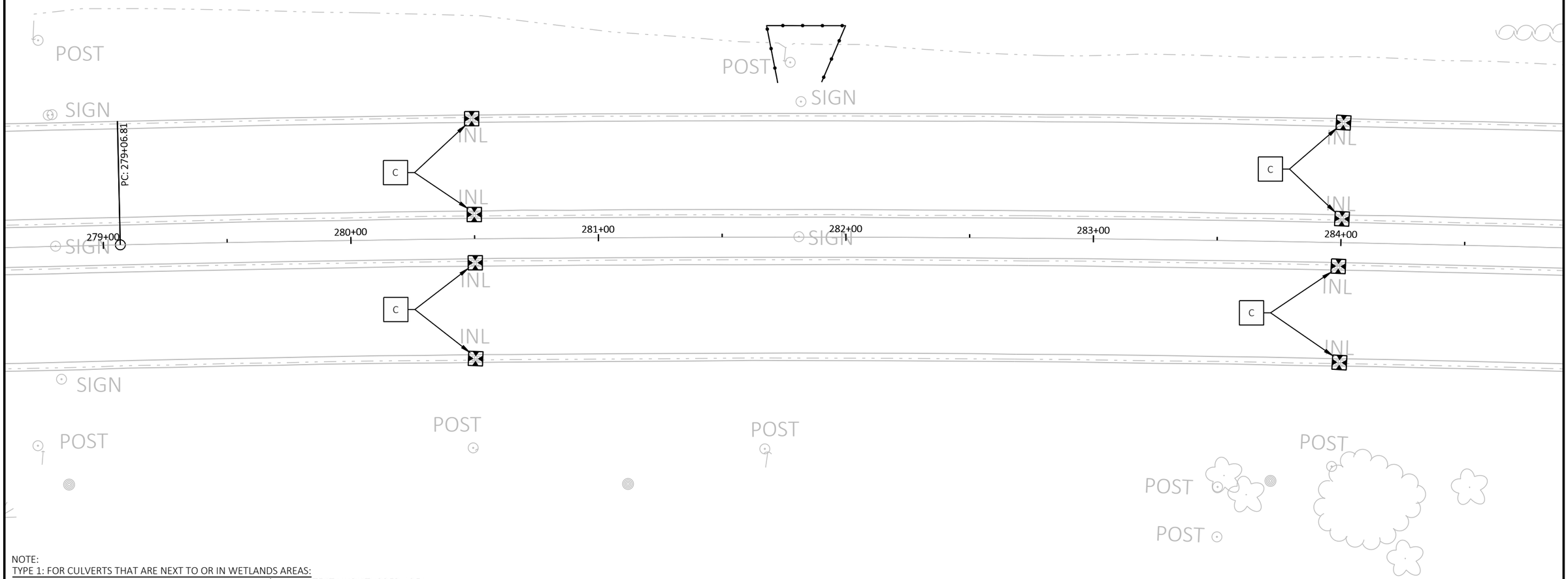
- SILT FENCE
- EROSION BALE, BARRIER
- SLOPE INTERCEPT
- ASPH — ASPHALTIC FLUME
- INLET PROTECTION
- A C D — INLET PROTECTION TYPE
- SURFACE WATER FLOW

N



NOTE:

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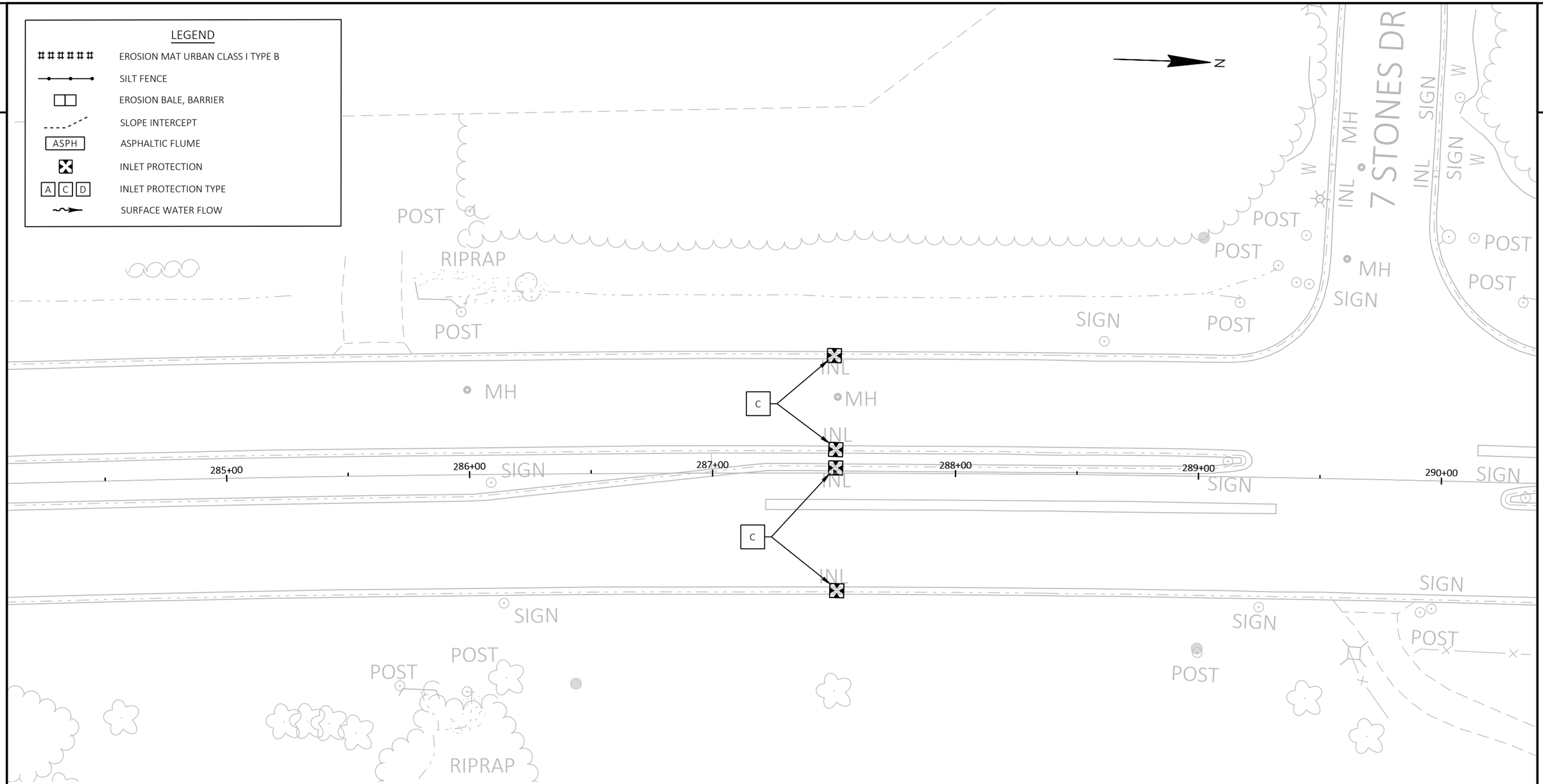
PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	EROSION CONTROL	SHEET 120	E

2

LEGEND

- EROSION MAT URBAN CLASS I TYPE B
- SILT FENCE
- EROSION BALE, BARRIER
- SLOPE INTERCEPT
- ASPH — ASPHALTIC FLUME
- INLET PROTECTION
- A C D — INLET PROTECTION TYPE
- SURFACE WATER FLOW



NOTE:

TYPE 1: FOR CULVERTS THAT ARE NEXT TO OR IN WETLANDS AREAS:

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7 STONES DR

STH 164/PEWAUKEE RD

STH 164/PEWAUKEE RD

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290+00 291+00 292+00 293+00 294+00 295+00

RIPRAP

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LEGEND

- EROSION MAT URBAN CLASS I TYPE B
- SILT FENCE
- EROSION BALE, BARRIER
- SLOPE INTERCEPT
- ASPH — ASPHALTIC FLUME
- INLET PROTECTION
- A C D — INLET PROTECTION TYPE
- SURFACE WATER FLOW

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	EROSION CONTROL	SHEET 122	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\022001A-EC.DWG
LAYOUT NAME - 20

PLOT DATE : 5/1/2026 6:07 AM PLOT BY : DILLINGHAM, MATTHEW PLOT NAME : PLOT SCALE : 1 IN:40 FT

NOTE:
TYPE 1: FOR CULVERTS THAT ARE NEXT TO OR IN WETLANDS AREAS:

- PLACE SILT FENCE OR OTHER EROSION CONTROL BMP'S TO PROTECT UNDISTURBED AREA.
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TYPE 2 FOR CULVERTS NOT NEAR WATER OR WETLANDS:

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295+00 296+00 297+00 298+00 299+00 300+00

POST

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LEGEND

- EROSION MAT URBAN CLASS I TYPE B
- SILT FENCE
- EROSION BALE, BARRIER
- SLOPE INTERCEPT
- ASPH — ASPHALTIC FLUME
- INLET PROTECTION
- A C D — INLET PROTECTION TYPE
- SURFACE WATER FLOW

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	EROSION CONTROL	SHEET 123	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\022001A-EC.DWG
LAYOUT NAME - 21
PLOT DATE : 5/1/2026 6:07 AM
PLOT BY : DILLINGHAM, MATTHEW
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

NOTE:

TYPE 1: FOR CULVERTS THAT ARE NEXT TO OR IN WETLANDS AREAS:

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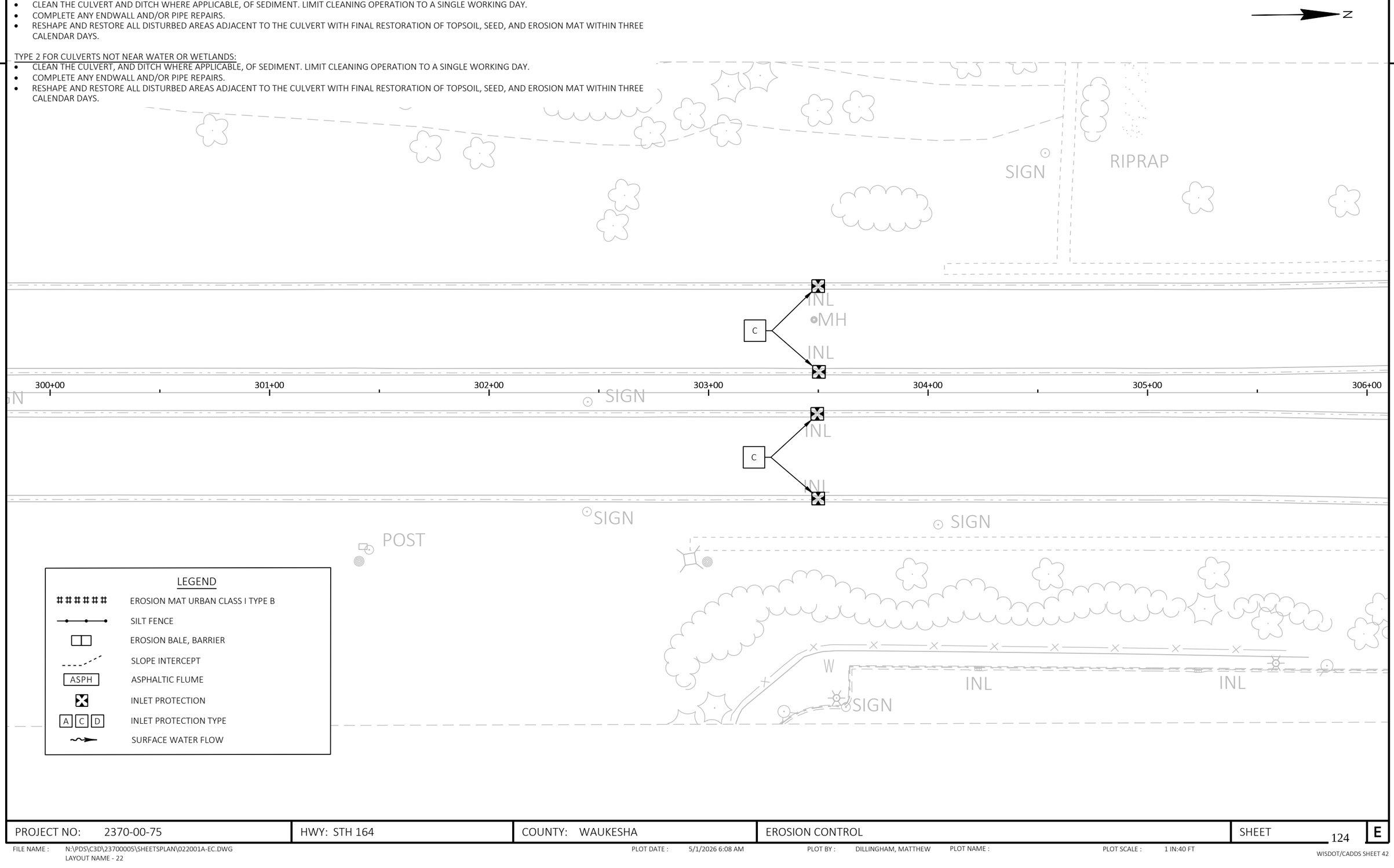

LEGEND

- EROSION MAT URBAN CLASS I TYPE B
- SILT FENCE
- EROSION BALE, BARRIER
- SLOPE INTERCEPT
- ASPH — ASPHALTIC FLUME
- INLET PROTECTION
- A C D — INLET PROTECTION TYPE
- SURFACE WATER FLOW

2

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	EROSION CONTROL	SHEET 124	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\022001A-EC.DWG
LAYOUT NAME - 22

PLOT DATE : 5/1/2026 6:08 AM PLOT BY : DILLINGHAM, MATTHEW PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

LEGEND

- EROSION MAT URBAN CLASS I TYPE B
- SILT FENCE
- EROSION BALE, BARRIER
- SLOPE INTERCEPT
- ASPH — ASPHALTIC FLUME
- INLET PROTECTION
- A C D — INLET PROTECTION TYPE
- SURFACE WATER FLOW

N

306+00 307+00 308+00 309+00 310+00 311+00

SIGN INL MH C D POST

NOTE:

TYPE 1: FOR CULVERTS THAT ARE NEXT TO OR IN WETLANDS AREAS:

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TYPE 2 FOR CULVERTS NOT NEAR WATER OR WETLANDS:

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PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	EROSION CONTROL	SHEET 125	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\022001A-EC.DWG
LAYOUT NAME - 23
PLOT DATE : 5/1/2026 6:08 AM
PLOT BY : DILLINGHAM, MATTHEW
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

LEGEND

- EROSION MAT URBAN CLASS I TYPE B
- SILT FENCE
- EROSION BALE, BARRIER
- SLOPE INTERCEPT
- ASPH — ASPHALTIC FLUME
- INLET PROTECTION
- A C D — INLET PROTECTION TYPE
- SURFACE WATER FLOW

N

CURB RAMP GRADING, SHAPING AND FINISHING

CURB RAMP GRADING, SHAPING AND FINISHING

CURB RAMP GRADING, SHAPING AND FINISHING

CURB RAMP GRADING, SHAPING AND FINISHING

STH 164/PEWAUKEE RD

STH 164/PEWAUKEE RD

311+00 312+00 313+00 314+00 315+00 316+00 317

49+00 50+00 51+00

PI: 312+39.57

PI: 50+00.00

MH INL SIGN POST RIPRAP

NOTE:

TYPE 1: FOR CULVERTS THAT ARE NEXT TO OR IN WETLANDS AREAS:

- PLACE SILT FENCE OR OTHER EROSION CONTROL BMP'S TO PROTECT UNDISTURBED AREA.
- CLEAN THE CULVERT AND DITCH WHERE APPLICABLE, OF SEDIMENT. LIMIT CLEANING OPERATION TO A SINGLE WORKING DAY.
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TYPE 2 FOR CULVERTS NOT NEAR WATER OR WETLANDS:

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PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	EROSION CONTROL	SHEET 126	E

2

NOTE:
TYPE 1: FOR CULVERTS THAT ARE NEXT TO OR IN WETLANDS AREAS:

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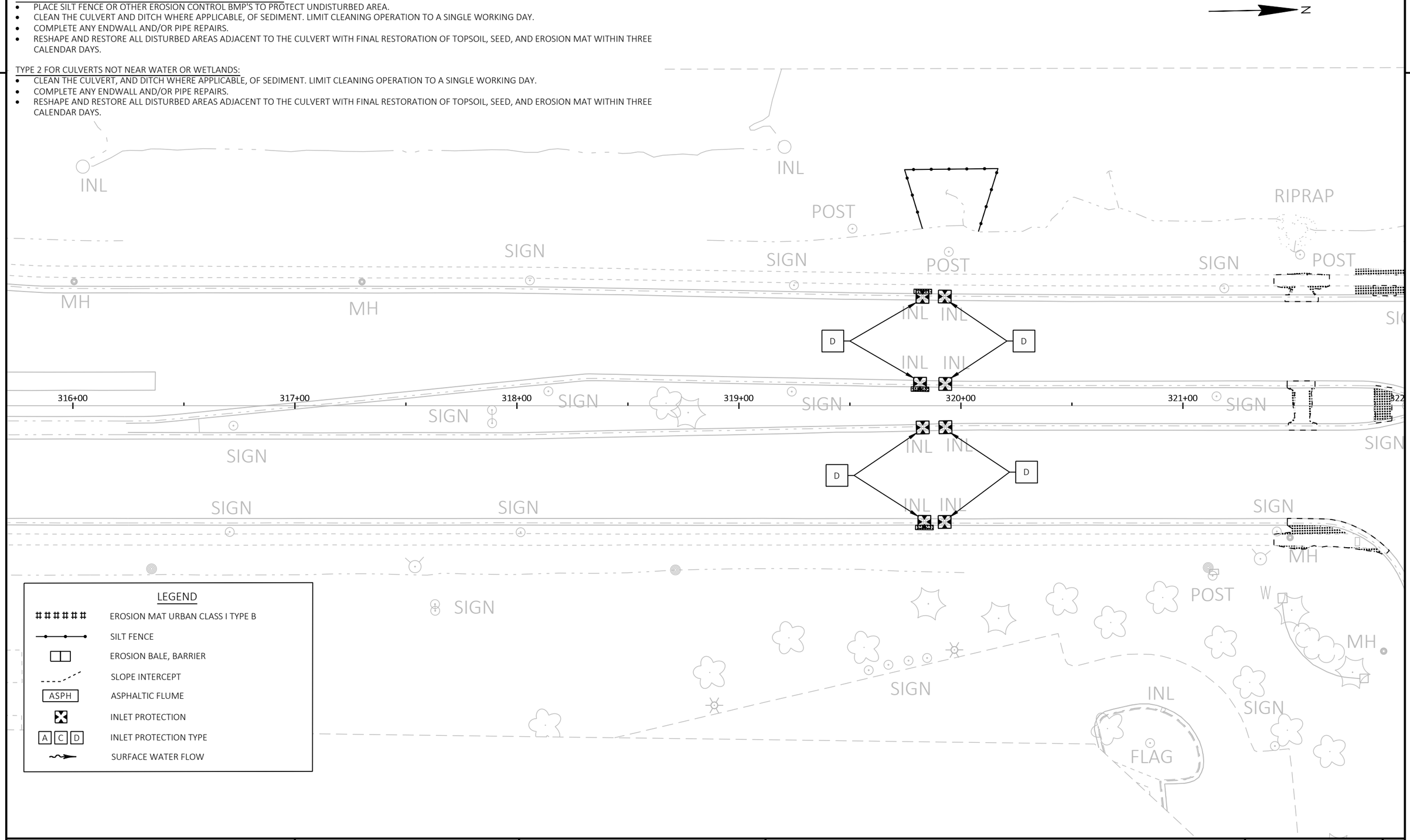

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	EROSION CONTROL	SHEET 127	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\022001A-EC.DWG
LAYOUT NAME - 25

PLOT DATE : 5/1/2026 6:09 AM PLOT BY : DILLINGHAM, MATTHEW PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

NOTE:

TYPE 1: FOR CULVERTS THAT ARE NEXT TO OR IN WETLANDS AREAS:

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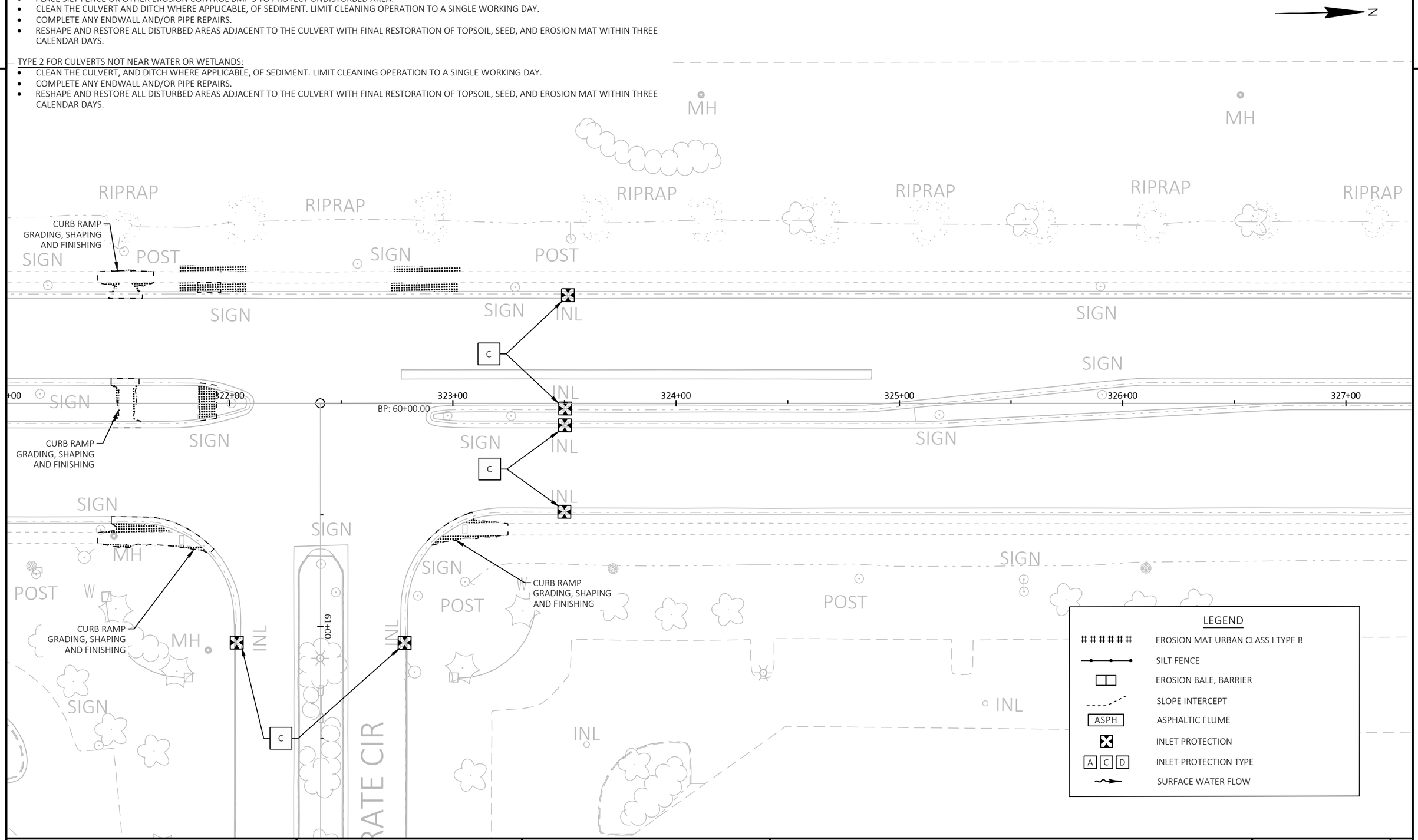

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	EROSION CONTROL	SHEET 128	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\022001A-EC.DWG
LAYOUT NAME - 26

PLOT DATE : 5/1/2026 6:09 AM PLOT BY : DILLINGHAM, MATTHEW PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

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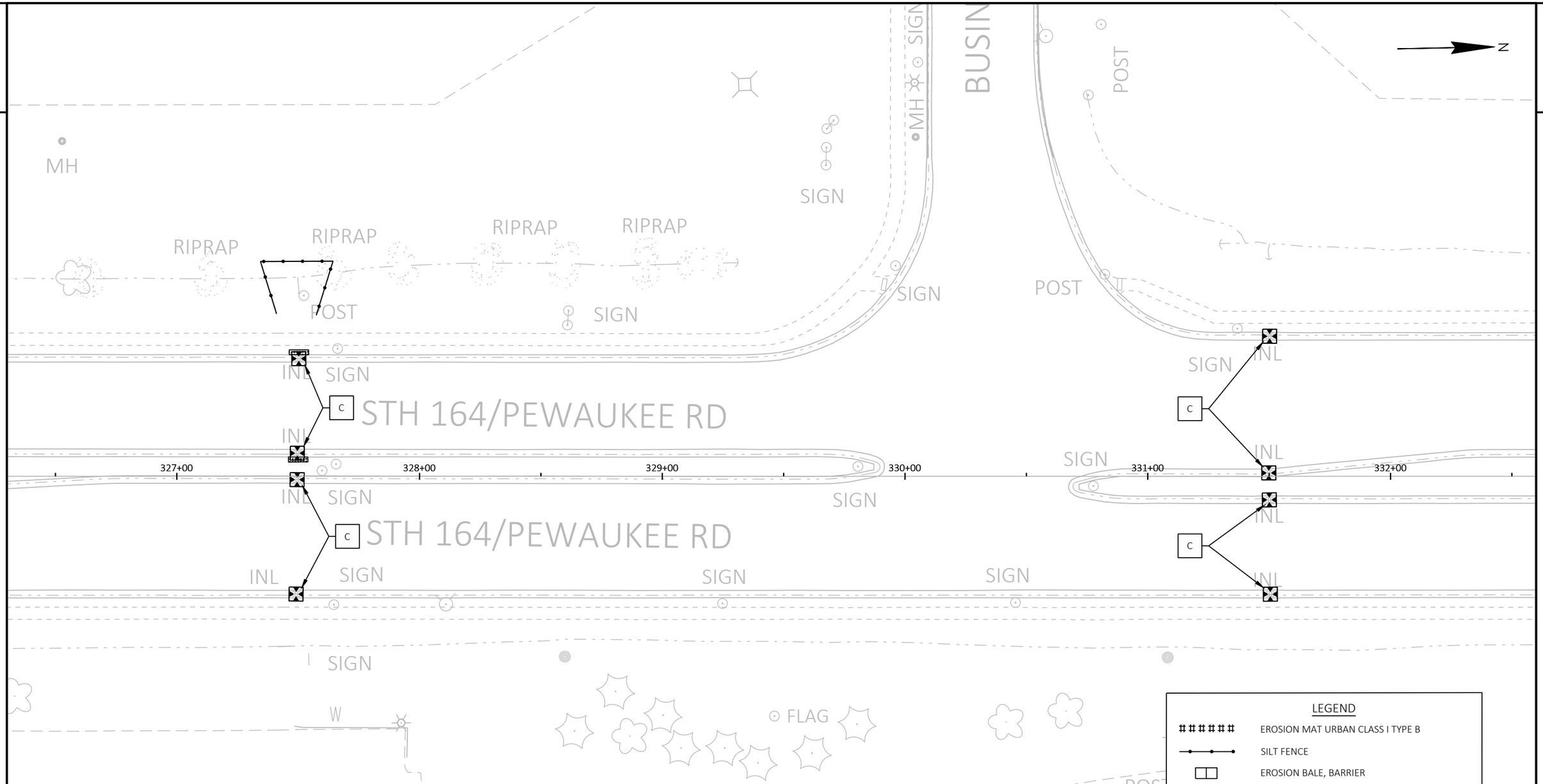

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LEGEND

- EROSION MAT URBAN CLASS I TYPE B
- SILT FENCE
- EROSION BALE, BARRIER
- SLOPE INTERCEPT
- ASPH — ASPHALTIC FLUME
- INLET PROTECTION
- A C D — INLET PROTECTION TYPE
- SURFACE WATER FLOW

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	EROSION CONTROL	SHEET 129	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\022001A-EC.DWG
LAYOUT NAME - 27
PLOT DATE : 5/1/2026 6:09 AM
PLOT BY : DILLINGHAM, MATTHEW
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

LEGEND

- EROSION MAT URBAN CLASS I TYPE B
- SILT FENCE
- EROSION BALE, BARRIER
- SLOPE INTERCEPT
- ASPH — ASPHALTIC FLUME
- INLET PROTECTION
- A C D — INLET PROTECTION TYPE
- SURFACE WATER FLOW

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POST

NOTE:

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PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	EROSION CONTROL	SHEET 130	E

NOTE:
TYPE 1: FOR CULVERTS THAT ARE NEXT TO OR IN WETLANDS AREAS:

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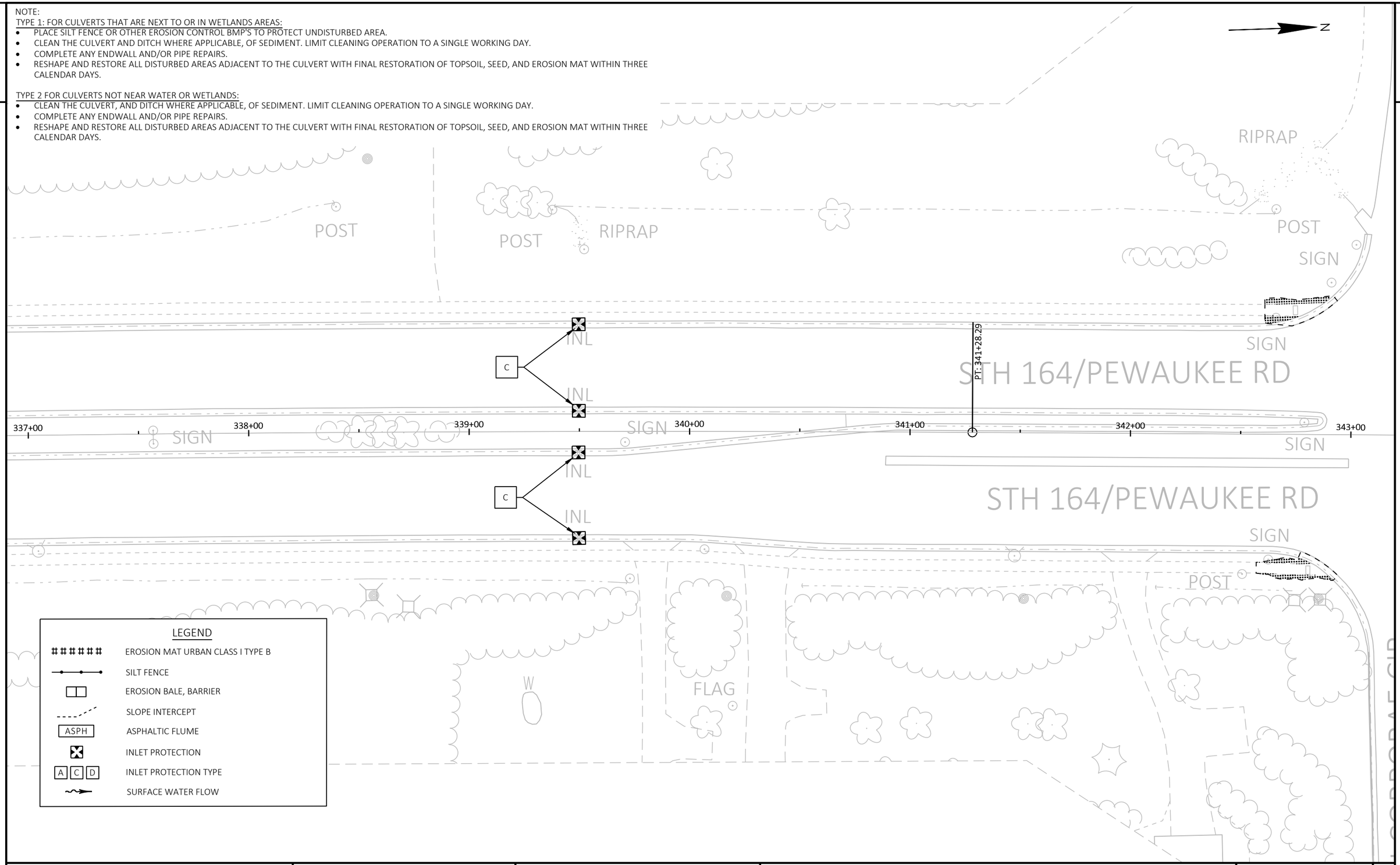

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	EROSION CONTROL	SHEET 131	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\022001A-EC.DWG
LAYOUT NAME - 29
PLOT DATE : 5/1/2026 6:10 AM
PLOT BY : DILLINGHAM, MATTHEW
PLOT NAME :
PLOT SCALE : 1 IN:40 FT

NOTE:
TYPE 1: FOR CULVERTS THAT ARE NEXT TO OR IN WETLANDS AREAS:

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- CLEAN THE CULVERT AND DITCH WHERE APPLICABLE, OF SEDIMENT. LIMIT CLEANING OPERATION TO A SINGLE WORKING DAY.
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RIPRAP
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699+00
POST
CURB RAMP GRADING, SHAPING AND FINISHING
SIGN
SIGN
UKEE RD
RIPRAP
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CURB RAMP GRADING, SHAPING AND FINISHING
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BP: 70+00.00
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LEGEND

- EROSION MAT URBAN CLASS I TYPE B
- SILT FENCE
- EROSION BALE, BARRIER
- SLOPE INTERCEPT
- ASPH — ASPHALTIC FLUME
- INLET PROTECTION
- A C D — INLET PROTECTION TYPE
- SURFACE WATER FLOW

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	EROSION CONTROL	SHEET 132	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\022001A-EC.DWG
LAYOUT NAME - 30
PLOT DATE : 5/1/2026 6:10 AM
PLOT BY : DILLINGHAM, MATTHEW
PLOT NAME :
PLOT SCALE : 1 IN:40 FT

2

LEGEND

- EROSION MAT URBAN CLASS I TYPE B
- SILT FENCE
- EROSION BALE, BARRIER
- SLOPE INTERCEPT
- ASPH — ASPHALTIC FLUME
- INLET PROTECTION
- A C D — INLET PROTECTION TYPE
- SURFACE WATER FLOW

N

348+00 349+00 350+00 351+00 352+00 353+00

BP: 80+00.00

81+00

CURB RAMP GRADING, SHAPING AND FINISHING

CURB RAMP GRADING, SHAPING AND FINISHING

CURB RAMP GRADING, SHAPING AND FINISHING

CURB RAMP GRADING, SHAPING AND FINISHING

D C

SIGN INL POST W A/C MH DR STH 164/PE

NOTE:

TYPE 1: FOR CULVERTS THAT ARE NEXT TO OR IN WETLANDS AREAS:

- PLACE SILT FENCE OR OTHER EROSION CONTROL BMP'S TO PROTECT UNDISTURBED AREA.
- CLEAN THE CULVERT AND DITCH WHERE APPLICABLE, OF SEDIMENT. LIMIT CLEANING OPERATION TO A SINGLE WORKING DAY.
- COMPLETE ANY ENDWALL AND/OR PIPE REPAIRS.
- RESHAPE AND RESTORE ALL DISTURBED AREAS ADJACENT TO THE CULVERT WITH FINAL RESTORATION OF TOPSOIL, SEED, AND EROSION MAT WITHIN THREE CALENDAR DAYS.

TYPE 2 FOR CULVERTS NOT NEAR WATER OR WETLANDS:

- CLEAN THE CULVERT, AND DITCH WHERE APPLICABLE, OF SEDIMENT. LIMIT CLEANING OPERATION TO A SINGLE WORKING DAY.
- COMPLETE ANY ENDWALL AND/OR PIPE REPAIRS.
- RESHAPE AND RESTORE ALL DISTURBED AREAS ADJACENT TO THE CULVERT WITH FINAL RESTORATION OF TOPSOIL, SEED, AND EROSION MAT WITHIN THREE CALENDAR DAYS.

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	EROSION CONTROL	SHEET 133	E

2

N

LEGEND

- EROSION MAT URBAN CLASS I TYPE B
- SILT FENCE
- EROSION BALE, BARRIER
- SLOPE INTERCEPT
- ASPH — ASPHALTIC FLUME
- INLET PROTECTION
- A C D — INLET PROTECTION TYPE
- SURFACE WATER FLOW

SLAB

SLAB

POST

POST

SIGN

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INL

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STH 164/PEWAUKEE RD

PC: 354+20.11

353+00

354+00

355+00

356+00

357+00

358+00

359+00

BP: 85+00.00

SIGN

SIGN

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STH 164/PEWAUKEE RD

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W

W

POST

POST

SIGN

86+00

87+00

NOTE:

TYPE 1: FOR CULVERTS THAT ARE NEXT TO OR IN WETLANDS AREAS:

- PLACE SILT FENCE OR OTHER EROSION CONTROL BMP'S TO PROTECT UNDISTURBED AREA.
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- COMPLETE ANY ENDWALL AND/OR PIPE REPAIRS.
- RESHAPE AND RESTORE ALL DISTURBED AREAS ADJACENT TO THE CULVERT WITH FINAL RESTORATION OF TOPSOIL, SEED, AND EROSION MAT WITHIN THREE CALENDAR DAYS.

TYPE 2 FOR CULVERTS NOT NEAR WATER OR WETLANDS:

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- COMPLETE ANY ENDWALL AND/OR PIPE REPAIRS.
- RESHAPE AND RESTORE ALL DISTURBED AREAS ADJACENT TO THE CULVERT WITH FINAL RESTORATION OF TOPSOIL, SEED, AND EROSION MAT WITHIN THREE CALENDAR DAYS.

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	EROSION CONTROL	SHEET 134	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\022001A-EC.DWG
LAYOUT NAME - 32
PLOT DATE : 5/1/2026 6:11 AM
PLOT BY : DILLINGHAM, MATTHEW
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

LEGEND

- EROSION MAT URBAN CLASS I TYPE B
- SILT FENCE
- EROSION BALE, BARRIER
- SLOPE INTERCEPT
- ASPH — ASPHALTIC FLUME
- INLET PROTECTION
- A C D — INLET PROTECTION TYPE
- SURFACE WATER FLOW

NOTE:

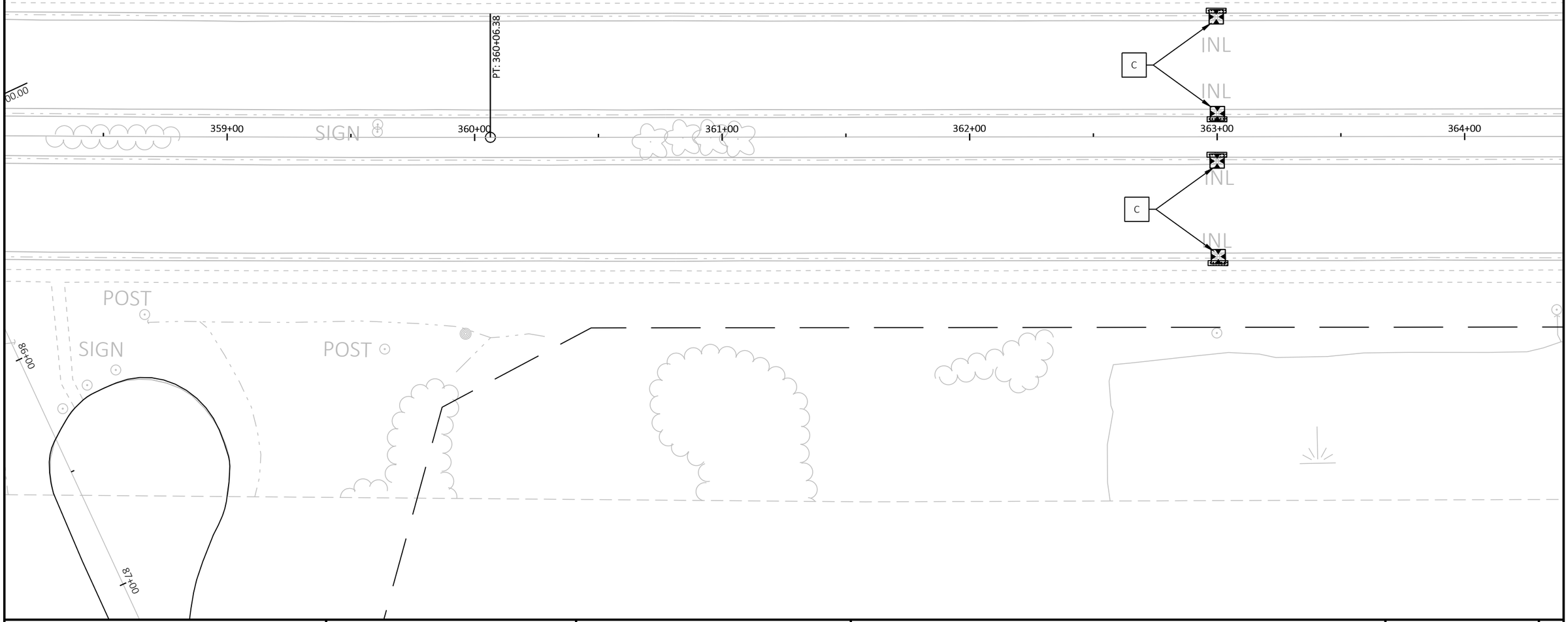
TYPE 1: FOR CULVERTS THAT ARE NEXT TO OR IN WETLANDS AREAS:

- PLACE SILT FENCE OR OTHER EROSION CONTROL BMP'S TO PROTECT UNDISTURBED AREA.
- CLEAN THE CULVERT AND DITCH WHERE APPLICABLE, OF SEDIMENT. LIMIT CLEANING OPERATION TO A SINGLE WORKING DAY.
- COMPLETE ANY ENDWALL AND/OR PIPE REPAIRS.
- RESHAPE AND RESTORE ALL DISTURBED AREAS ADJACENT TO THE CULVERT WITH FINAL RESTORATION OF TOPSOIL, SEED, AND EROSION MAT WITHIN THREE CALENDAR DAYS.

TYPE 2 FOR CULVERTS NOT NEAR WATER OR WETLANDS:

- CLEAN THE CULVERT, AND DITCH WHERE APPLICABLE, OF SEDIMENT. LIMIT CLEANING OPERATION TO A SINGLE WORKING DAY.
- COMPLETE ANY ENDWALL AND/OR PIPE REPAIRS.
- RESHAPE AND RESTORE ALL DISTURBED AREAS ADJACENT TO THE CULVERT WITH FINAL RESTORATION OF TOPSOIL, SEED, AND EROSION MAT WITHIN THREE CALENDAR DAYS.

N



PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	EROSION CONTROL	SHEET 135	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\022001A-EC.DWG
LAYOUT NAME - 33

PLOT DATE : 5/1/2026 6:11 AM PLOT BY : DILLINGHAM, MATTHEW PLOT NAME : PLOT SCALE : 1 IN:40 FT

NOTE:

TYPE 1: FOR CULVERTS THAT ARE NEXT TO OR IN WETLANDS AREAS:

- PLACE SILT FENCE OR OTHER EROSION CONTROL BMP'S TO PROTECT UNDISTURBED AREA.
- CLEAN THE CULVERT AND DITCH WHERE APPLICABLE, OF SEDIMENT. LIMIT CLEANING OPERATION TO A SINGLE WORKING DAY.
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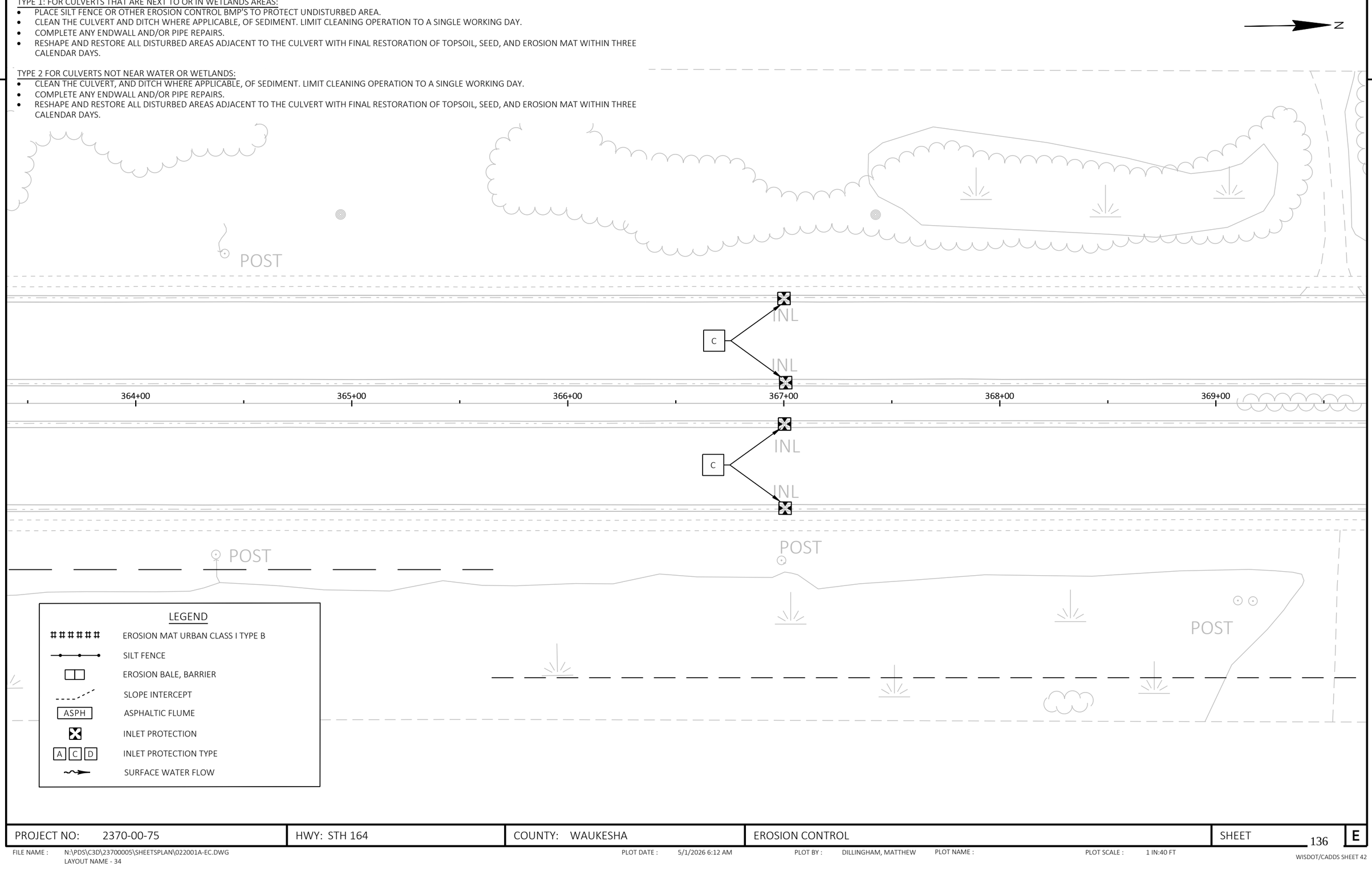
- RESHAPE AND RESTORE ALL DISTURBED AREAS ADJACENT TO THE CULVERT WITH FINAL RESTORATION OF TOPSOIL, SEED, AND EROSION MAT WITHIN THREE CALENDAR DAYS.

TYPE 2 FOR CULVERTS NOT NEAR WATER OR WETLANDS:

- CLEAN THE CULVERT, AND DITCH WHERE APPLICABLE, OF SEDIMENT. LIMIT CLEANING OPERATION TO A SINGLE WORKING DAY.
- COMPLETE ANY ENDWALL AND/OR PIPE REPAIRS.
- RESHAPE AND RESTORE ALL DISTURBED AREAS ADJACENT TO THE CULVERT WITH FINAL RESTORATION OF TOPSOIL, SEED, AND EROSION MAT WITHIN THREE CALENDAR DAYS.



PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	EROSION CONTROL	SHEET 136	E

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POST

NOTE:

TYPE 1: FOR CULVERTS THAT ARE NEXT TO OR IN WETLANDS AREAS:

- PLACE SILT FENCE OR OTHER EROSION CONTROL BMP'S TO PROTECT UNDISTURBED AREA.
- CLEAN THE CULVERT AND DITCH WHERE APPLICABLE, OF SEDIMENT. LIMIT CLEANING OPERATION TO A SINGLE WORKING DAY.
- COMPLETE ANY ENDWALL AND/OR PIPE REPAIRS.
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TYPE 2 FOR CULVERTS NOT NEAR WATER OR WETLANDS:

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- COMPLETE ANY ENDWALL AND/OR PIPE REPAIRS.
- RESHAPE AND RESTORE ALL DISTURBED AREAS ADJACENT TO THE CULVERT WITH FINAL RESTORATION OF TOPSOIL, SEED, AND EROSION MAT WITHIN THREE CALENDAR DAYS.

LEGEND

- EROSION MAT URBAN CLASS I TYPE B
- SILT FENCE
- EROSION BALE, BARRIER
- SLOPE INTERCEPT
- ASPH — ASPHALTIC FLUME
- INLET PROTECTION
- A C D — INLET PROTECTION TYPE
- SURFACE WATER FLOW

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	EROSION CONTROL	SHEET 137	E

2

NOTE:
TYPE 1: FOR CULVERTS THAT ARE NEXT TO OR IN WETLANDS AREAS:

- PLACE SILT FENCE OR OTHER EROSION CONTROL BMP'S TO PROTECT UNDISTURBED AREA.
- CLEAN THE CULVERT AND DITCH WHERE APPLICABLE, OF SEDIMENT. LIMIT CLEANING OPERATION TO A SINGLE WORKING DAY.
- COMPLETE ANY ENDWALL AND/OR PIPE REPAIRS.
- RESHAPE AND RESTORE ALL DISTURBED AREAS ADJACENT TO THE CULVERT WITH FINAL RESTORATION OF TOPSOIL, SEED, AND EROSION MAT WITHIN THREE CALENDAR DAYS.

TYPE 2 FOR CULVERTS NOT NEAR WATER OR WETLANDS:

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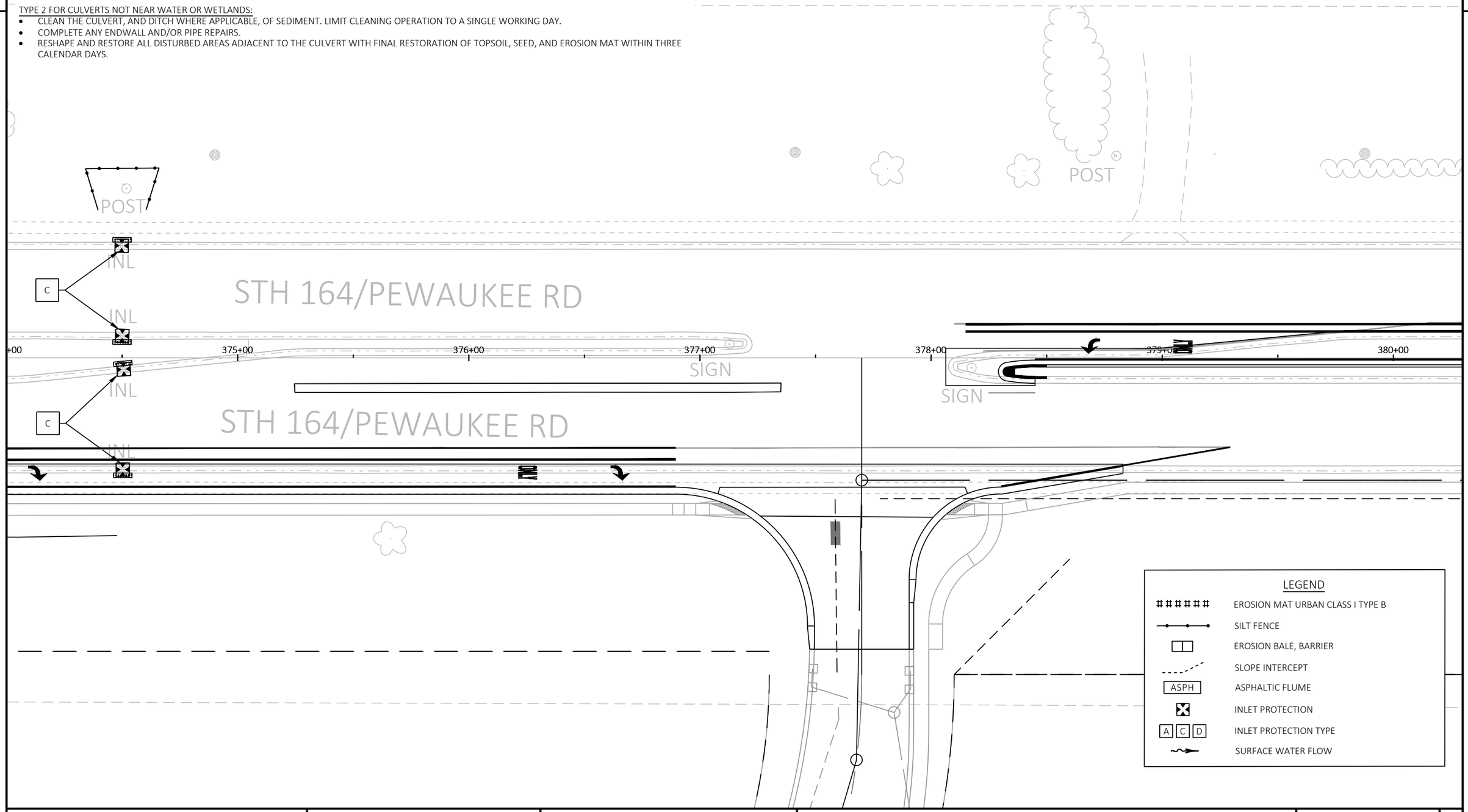
- COMPLETE ANY ENDWALL AND/OR PIPE REPAIRS.
- RESHAPE AND RESTORE ALL DISTURBED AREAS ADJACENT TO THE CULVERT WITH FINAL RESTORATION OF TOPSOIL, SEED, AND EROSION MAT WITHIN THREE CALENDAR DAYS.

N

2



PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	EROSION CONTROL	SHEET 138	E

NOTE:

TYPE 1: FOR CULVERTS THAT ARE NEXT TO OR IN WETLANDS AREAS:

- PLACE SILT FENCE OR OTHER EROSION CONTROL BMP'S TO PROTECT UNDISTURBED AREA.
- CLEAN THE CULVERT AND DITCH WHERE APPLICABLE, OF SEDIMENT. LIMIT CLEANING OPERATION TO A SINGLE WORKING DAY.
- COMPLETE ANY ENDWALL AND/OR PIPE REPAIRS.
- RESHAPE AND RESTORE ALL DISTURBED AREAS ADJACENT TO THE CULVERT WITH FINAL RESTORATION OF TOPSOIL, SEED, AND EROSION MAT WITHIN THREE CALENDAR DAYS.

TYPE 2 FOR CULVERTS NOT NEAR WATER OR WETLANDS:

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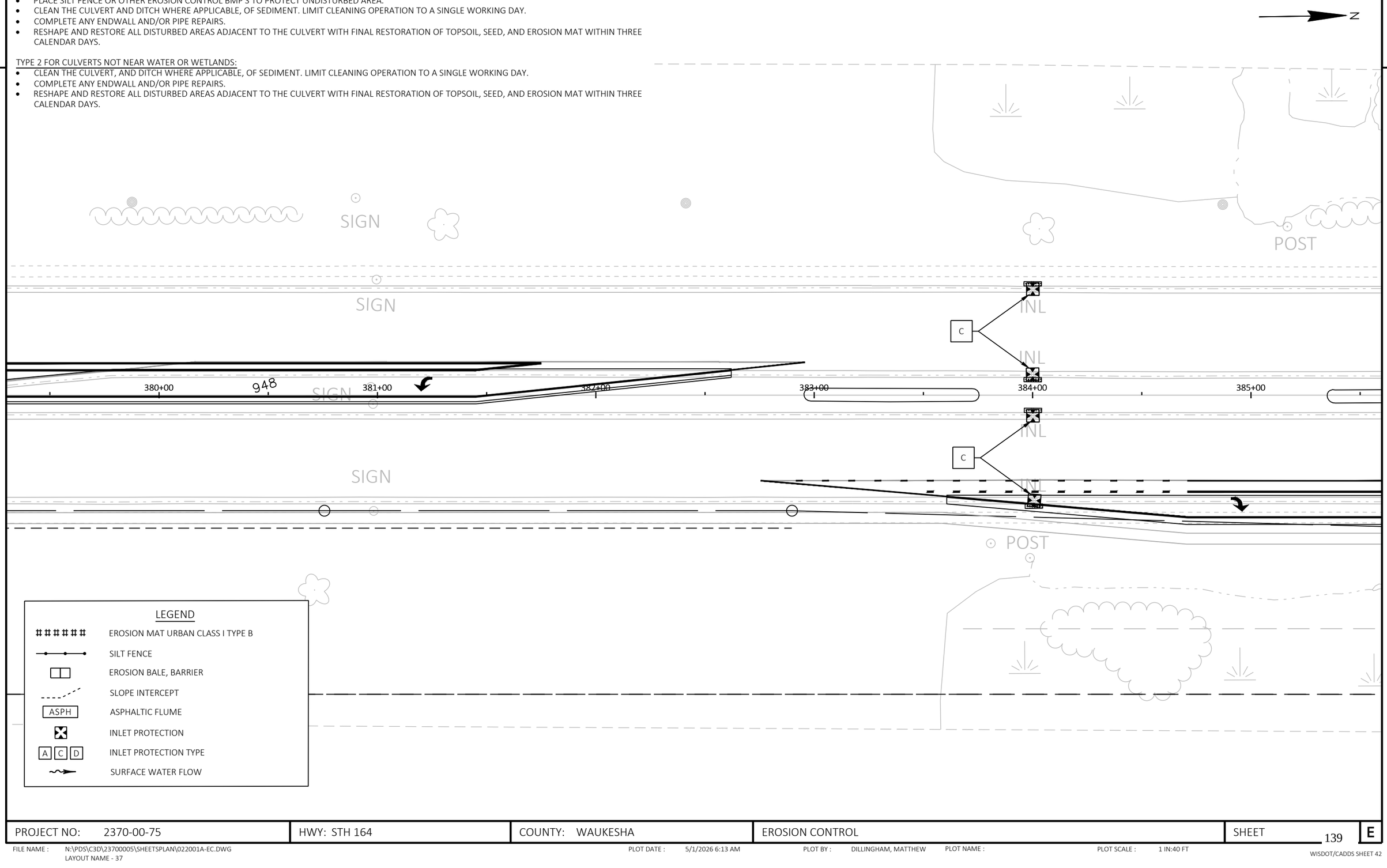
- RESHAPE AND RESTORE ALL DISTURBED AREAS ADJACENT TO THE CULVERT WITH FINAL RESTORATION OF TOPSOIL, SEED, AND EROSION MAT WITHIN THREE CALENDAR DAYS.



PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	EROSION CONTROL	SHEET 139	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\022001A-EC.DWG
LAYOUT NAME - 37

PLOT DATE : 5/1/2026 6:13 AM PLOT BY : DILLINGHAM, MATTHEW PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

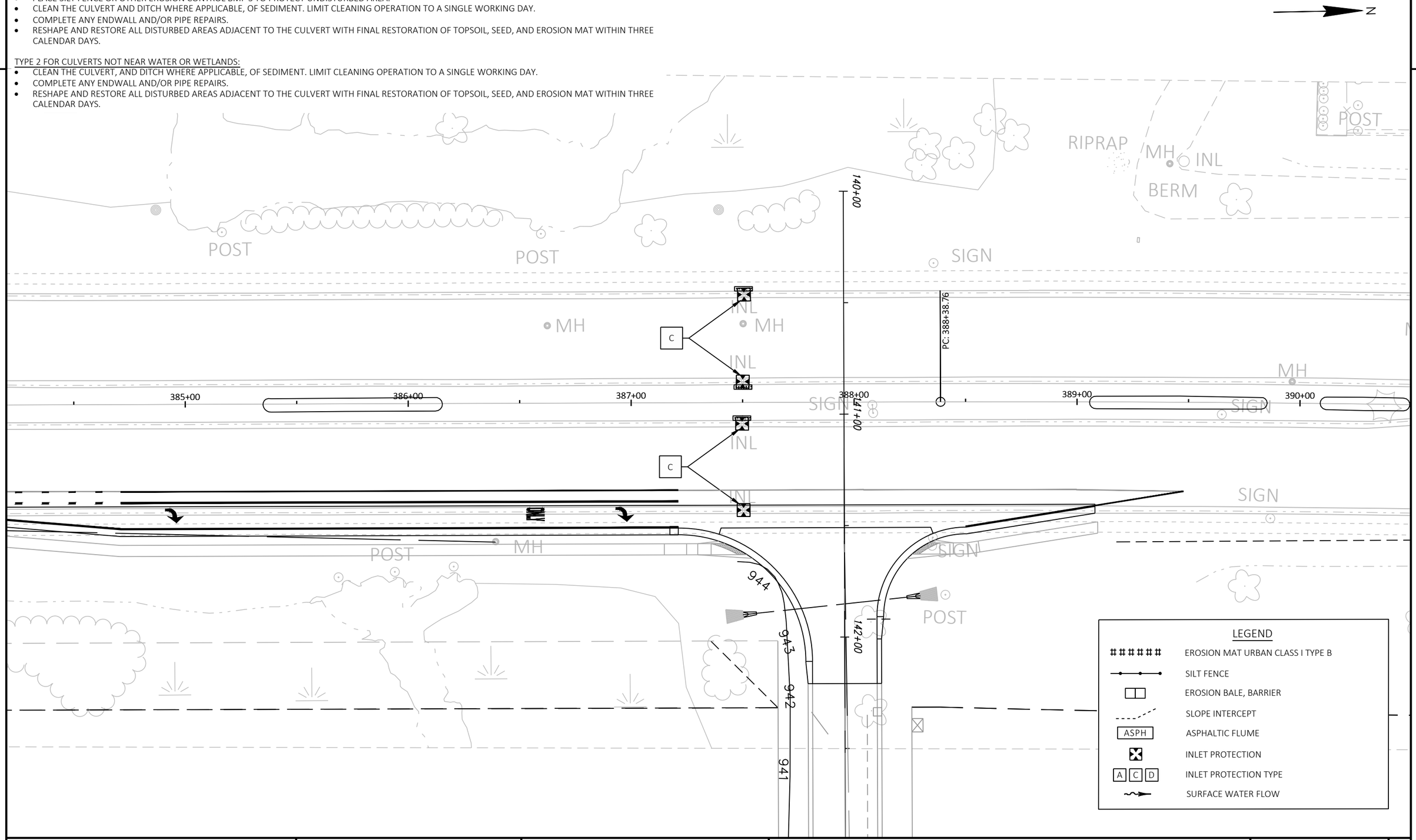
NOTE:

TYPE 1: FOR CULVERTS THAT ARE NEXT TO OR IN WETLANDS AREAS:

- PLACE SILT FENCE OR OTHER EROSION CONTROL BMP'S TO PROTECT UNDISTURBED AREA.
- CLEAN THE CULVERT AND DITCH WHERE APPLICABLE, OF SEDIMENT. LIMIT CLEANING OPERATION TO A SINGLE WORKING DAY.
- COMPLETE ANY ENDWALL AND/OR PIPE REPAIRS.
- RESHAPE AND RESTORE ALL DISTURBED AREAS ADJACENT TO THE CULVERT WITH FINAL RESTORATION OF TOPSOIL, SEED, AND EROSION MAT WITHIN THREE CALENDAR DAYS.

TYPE 2 FOR CULVERTS NOT NEAR WATER OR WETLANDS:

- CLEAN THE CULVERT, AND DITCH WHERE APPLICABLE, OF SEDIMENT. LIMIT CLEANING OPERATION TO A SINGLE WORKING DAY.
- COMPLETE ANY ENDWALL AND/OR PIPE REPAIRS.
- RESHAPE AND RESTORE ALL DISTURBED AREAS ADJACENT TO THE CULVERT WITH FINAL RESTORATION OF TOPSOIL, SEED, AND EROSION MAT WITHIN THREE CALENDAR DAYS.



PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	EROSION CONTROL	SHEET 140	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\022001A-EC.DWG
LAYOUT NAME - 38

PLOT DATE : 5/1/2026 6:13 AM PLOT BY : DILLINGHAM, MATTHEW PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

NOTE:

TYPE 1: FOR CULVERTS THAT ARE NEXT TO OR IN WETLANDS AREAS:

- PLACE SILT FENCE OR OTHER EROSION CONTROL BMP'S TO PROTECT UNDISTURBED AREA.
- CLEAN THE CULVERT AND DITCH WHERE APPLICABLE, OF SEDIMENT. LIMIT CLEANING OPERATION TO A SINGLE WORKING DAY.
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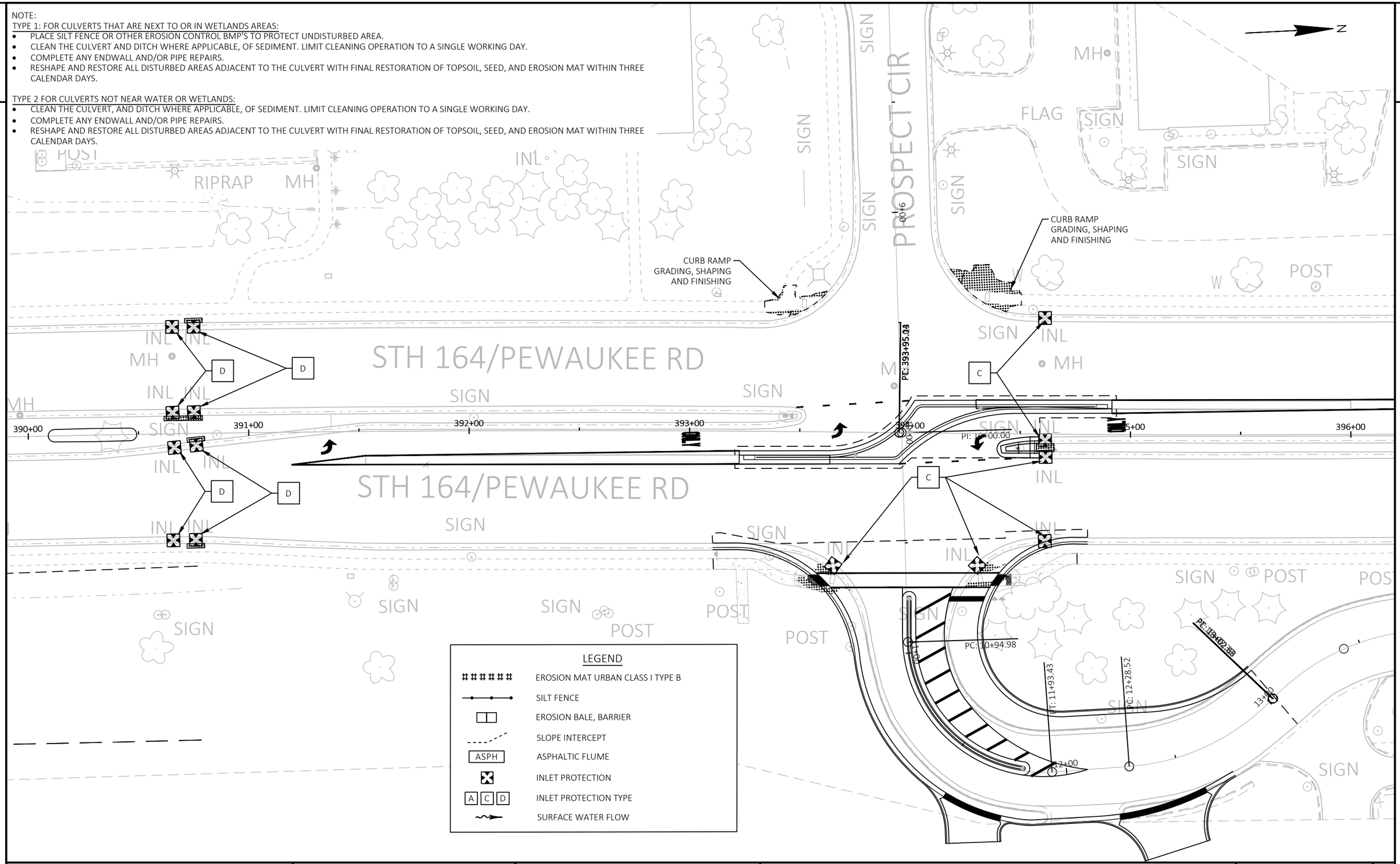
TYPE 2 FOR CULVERTS NOT NEAR WATER OR WETLANDS:

- CLEAN THE CULVERT, AND DITCH WHERE APPLICABLE, OF SEDIMENT. LIMIT CLEANING OPERATION TO A SINGLE WORKING DAY.
- COMPLETE ANY ENDWALL AND/OR PIPE REPAIRS.
- RESHAPE AND RESTORE ALL DISTURBED AREAS ADJACENT TO THE CULVERT WITH FINAL RESTORATION OF TOPSOIL, SEED, AND EROSION MAT WITHIN THREE CALENDAR DAYS.



PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	EROSION CONTROL	SHEET 141	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\022001A-EC.DWG
LAYOUT NAME - 39

PLOT DATE : 5/1/2026 6:13 AM PLOT BY : DILLINGHAM, MATTHEW PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

LEGEND

- EROSION MAT URBAN CLASS I TYPE B
- SILT FENCE
- EROSION BALE, BARRIER
- SLOPE INTERCEPT
- ASPH — ASPHALTIC FLUME
- INLET PROTECTION
- A C D — INLET PROTECTION TYPE
- SURFACE WATER FLOW

NOTE:

TYPE 1: FOR CULVERTS THAT ARE NEXT TO OR IN WETLANDS AREAS:

- PLACE SILT FENCE OR OTHER EROSION CONTROL BMP'S TO PROTECT UNDISTURBED AREA.
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TYPE 2 FOR CULVERTS NOT NEAR WATER OR WETLANDS:

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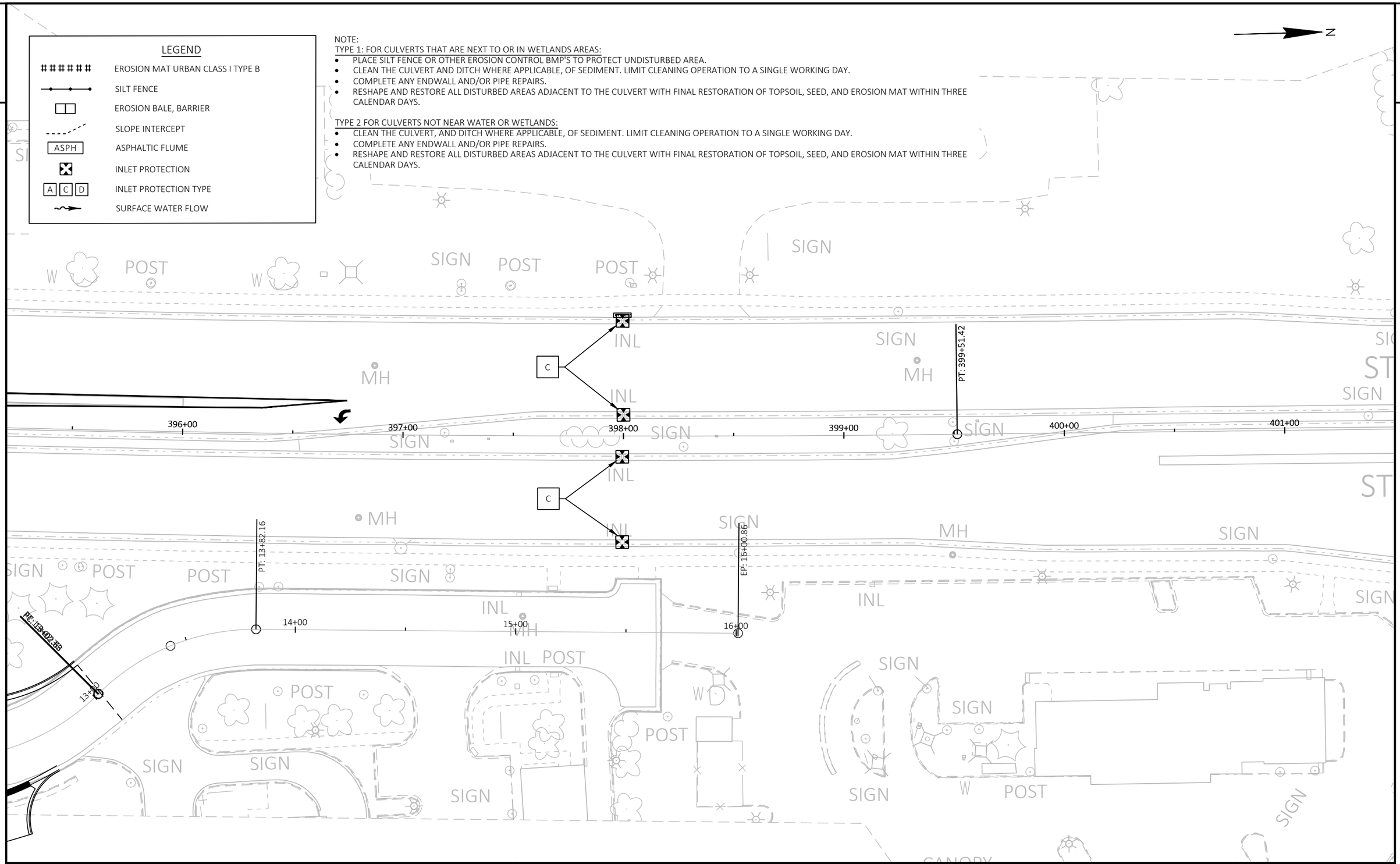
- RESHAPE AND RESTORE ALL DISTURBED AREAS ADJACENT TO THE CULVERT WITH FINAL RESTORATION OF TOPSOIL, SEED, AND EROSION MAT WITHIN THREE CALENDAR DAYS.



PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	EROSION CONTROL	SHEET 142	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\022001A-EC.DWG
LAYOUT NAME - 40

PLOT DATE : 5/1/2026 6:14 AM PLOT BY : DILLINGHAM, MATTHEW PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

LEGEND

- EROSION MAT URBAN CLASS I TYPE B
- SILT FENCE
- EROSION BALE, BARRIER
- SLOPE INTERCEPT
- ASPH — ASPHALTIC FLUME
- INLET PROTECTION
- A C D — INLET PROTECTION TYPE
- SURFACE WATER FLOW

N

STH 164

CURB RAMP GRADING, SHAPING AND FINISHING

CURB RAMP GRADING, SHAPING AND FINISHING

CURB RAMP GRADING, SHAPING AND FINISHING

CURB RAMP GRADING, SHAPING AND FINISHING

PI: 403+63.95

PI: 110+00.00

108+00

109+00

110+00

111+00

112+00

401+00 402+00 403+00 404+00 405+00 406+00

NOTE:

TYPE 1: FOR CULVERTS THAT ARE NEXT TO OR IN WETLANDS AREAS:

- PLACE SILT FENCE OR OTHER EROSION CONTROL BMP'S TO PROTECT UNDISTURBED AREA.
- CLEAN THE CULVERT AND DITCH WHERE APPLICABLE, OF SEDIMENT. LIMIT CLEANING OPERATION TO A SINGLE WORKING DAY.
- COMPLETE ANY ENDWALL AND/OR PIPE REPAIRS.
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TYPE 2 FOR CULVERTS NOT NEAR WATER OR WETLANDS:

- CLEAN THE CULVERT, AND DITCH WHERE APPLICABLE, OF SEDIMENT. LIMIT CLEANING OPERATION TO A SINGLE WORKING DAY.
- COMPLETE ANY ENDWALL AND/OR PIPE REPAIRS.
- RESHAPE AND RESTORE ALL DISTURBED AREAS ADJACENT TO THE CULVERT WITH FINAL RESTORATION OF TOPSOIL, SEED, AND EROSION MAT WITHIN THREE CALENDAR DAYS.

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	EROSION CONTROL	SHEET 143	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\022001A-EC.DWG
LAYOUT NAME - 41
PLOT DATE : 5/1/2026 6:14 AM
PLOT BY : DILLINGHAM, MATTHEW
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

N

CURB RAMP GRADING, SHAPING AND FINISHING

CURB RAMP GRADING, SHAPING AND FINISHING

405+00 406+00 407+00 408+00 409+00 410+00

NOTE:

TYPE 1: FOR CULVERTS THAT ARE NEXT TO OR IN WETLANDS AREAS:

- PLACE SILT FENCE OR OTHER EROSION CONTROL BMP'S TO PROTECT UNDISTURBED AREA.
- CLEAN THE CULVERT AND DITCH WHERE APPLICABLE, OF SEDIMENT. LIMIT CLEANING OPERATION TO A SINGLE WORKING DAY.
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TYPE 2 FOR CULVERTS NOT NEAR WATER OR WETLANDS:

- CLEAN THE CULVERT, AND DITCH WHERE APPLICABLE, OF SEDIMENT. LIMIT CLEANING OPERATION TO A SINGLE WORKING DAY.
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LEGEND

- EROSION MAT URBAN CLASS I TYPE B
- SILT FENCE
- EROSION BALE, BARRIER
- SLOPE INTERCEPT
- ASPH — ASPHALTIC FLUME
- INLET PROTECTION
- A C D — INLET PROTECTION TYPE
- SURFACE WATER FLOW

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	EROSION CONTROL	SHEET 144	E

NOTE:

TYPE 1: FOR CULVERTS THAT ARE NEXT TO OR IN WETLANDS AREAS:

- PLACE SILT FENCE OR OTHER EROSION CONTROL BMP'S TO PROTECT UNDISTURBED AREA.
- CLEAN THE CULVERT AND DITCH WHERE APPLICABLE, OF SEDIMENT. LIMIT CLEANING OPERATION TO A SINGLE WORKING DAY.
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TYPE 2 FOR CULVERTS NOT NEAR WATER OR WETLANDS:

- CLEAN THE CULVERT, AND DITCH WHERE APPLICABLE, OF SEDIMENT. LIMIT CLEANING OPERATION TO A SINGLE WORKING DAY.
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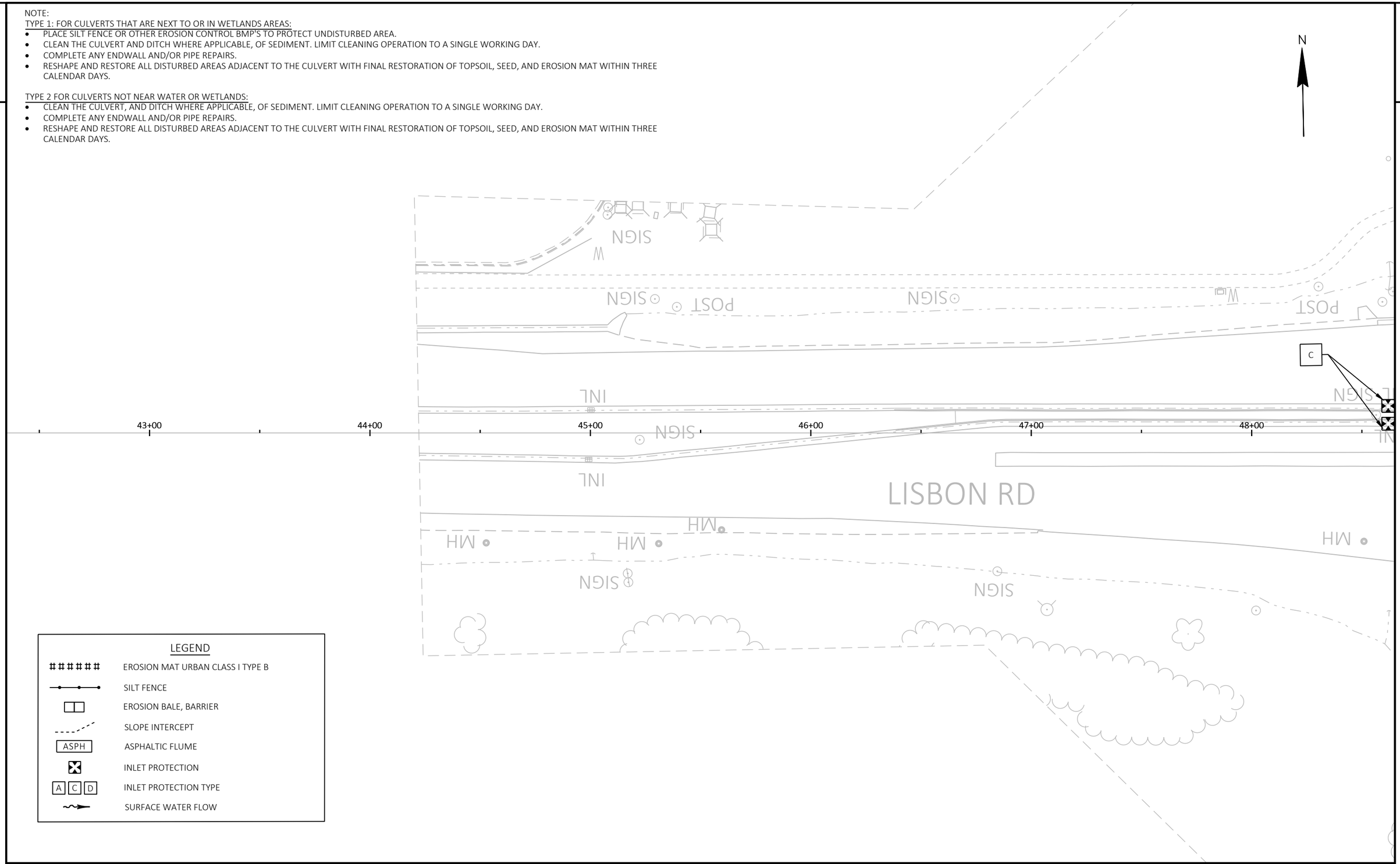
- RESHAPE AND RESTORE ALL DISTURBED AREAS ADJACENT TO THE CULVERT WITH FINAL RESTORATION OF TOPSOIL, SEED, AND EROSION MAT WITHIN THREE CALENDAR DAYS.



LEGEND

- EROSION MAT URBAN CLASS I TYPE B
- SILT FENCE
- EROSION BALE, BARRIER
- SLOPE INTERCEPT
- ASPH — ASPHALTIC FLUME
- INLET PROTECTION
- A C D — INLET PROTECTION TYPE
- SURFACE WATER FLOW

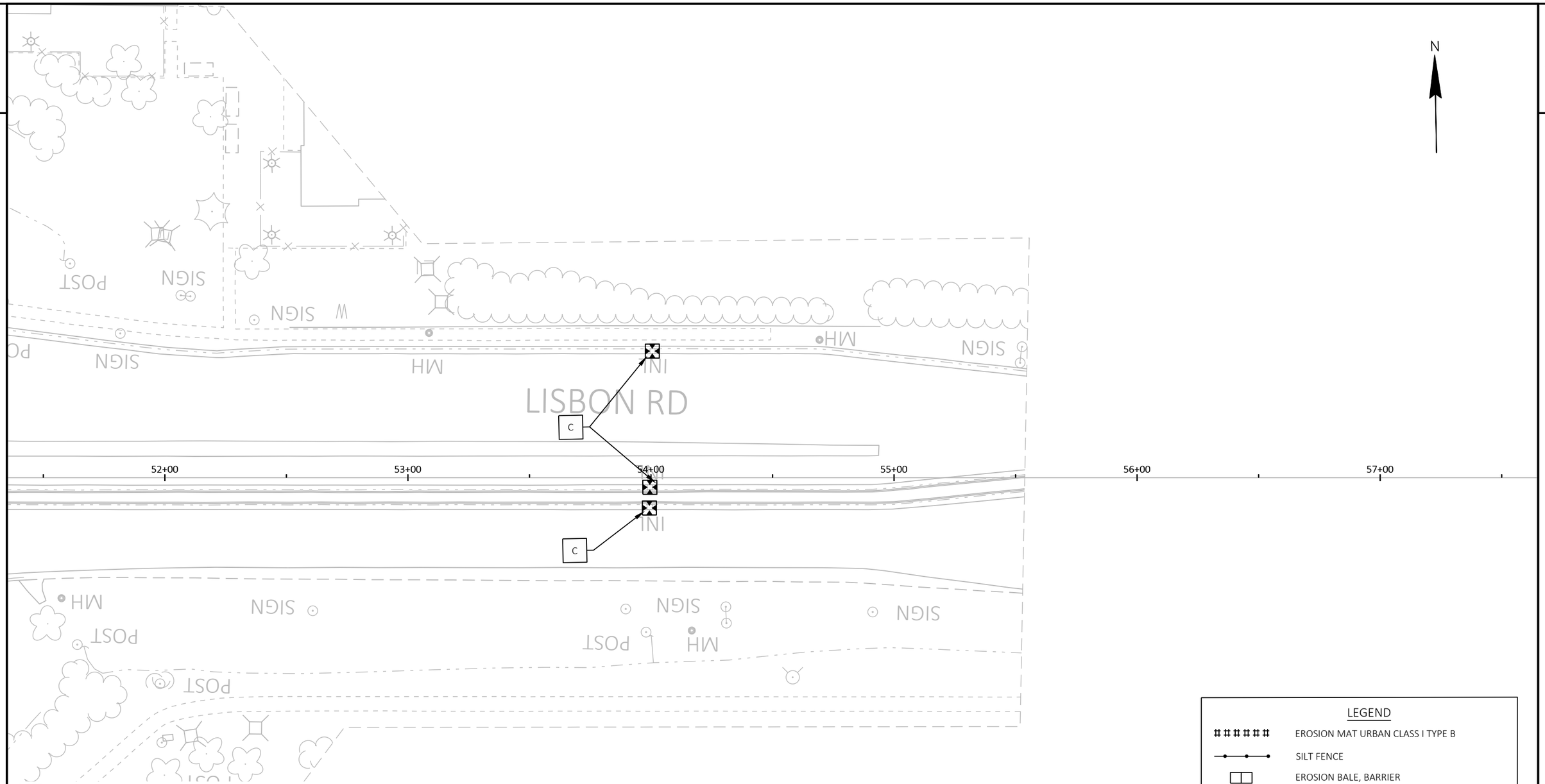
PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	EROSION CONTROL	SHEET 145	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\022001A-EC.DWG
LAYOUT NAME - 43

PLOT DATE : 5/1/2026 6:15 AM PLOT BY : DILLINGHAM, MATTHEW PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2



NOTE:

TYPE 1: FOR CULVERTS THAT ARE NEXT TO OR IN WETLANDS AREAS:

- PLACE SILT FENCE OR OTHER EROSION CONTROL BMP'S TO PROTECT UNDISTURBED AREA.
- CLEAN THE CULVERT AND DITCH WHERE APPLICABLE, OF SEDIMENT. LIMIT CLEANING OPERATION TO A SINGLE WORKING DAY.
- COMPLETE ANY ENDWALL AND/OR PIPE REPAIRS.
- RESHAPE AND RESTORE ALL DISTURBED AREAS ADJACENT TO THE CULVERT WITH FINAL RESTORATION OF TOPSOIL, SEED, AND EROSION MAT WITHIN THREE CALENDAR DAYS.

TYPE 2 FOR CULVERTS NOT NEAR WATER OR WETLANDS:

- CLEAN THE CULVERT, AND DITCH WHERE APPLICABLE, OF SEDIMENT. LIMIT CLEANING OPERATION TO A SINGLE WORKING DAY.
- COMPLETE ANY ENDWALL AND/OR PIPE REPAIRS.
- RESHAPE AND RESTORE ALL DISTURBED AREAS ADJACENT TO THE CULVERT WITH FINAL RESTORATION OF TOPSOIL, SEED, AND EROSION MAT WITHIN THREE CALENDAR DAYS.

LEGEND

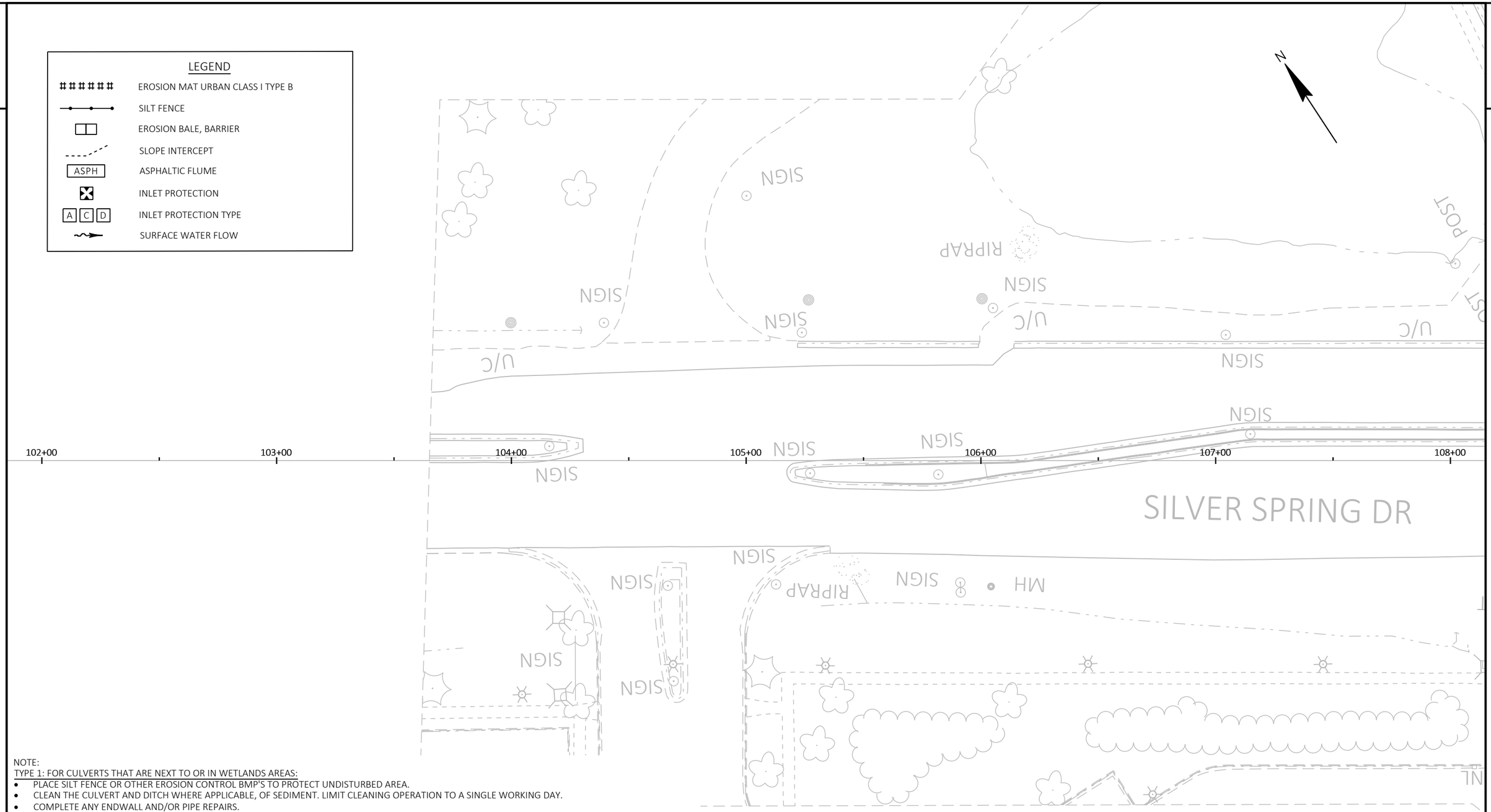
######	EROSION MAT URBAN CLASS I TYPE B
	SILT FENCE
	EROSION BALE, BARRIER
	SLOPE INTERCEPT
ASPH	ASPHALTIC FLUME
	INLET PROTECTION
A C D	INLET PROTECTION TYPE
	SURFACE WATER FLOW

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	EROSION CONTROL	SHEET 146	E

2

LEGEND

- EROSION MAT URBAN CLASS I TYPE B
- SILT FENCE
- EROSION BALE, BARRIER
- SLOPE INTERCEPT
- ASPH — ASPHALTIC FLUME
- INLET PROTECTION
- A C D — INLET PROTECTION TYPE
- SURFACE WATER FLOW



NOTE:

TYPE 1: FOR CULVERTS THAT ARE NEXT TO OR IN WETLANDS AREAS:

- PLACE SILT FENCE OR OTHER EROSION CONTROL BMP'S TO PROTECT UNDISTURBED AREA.
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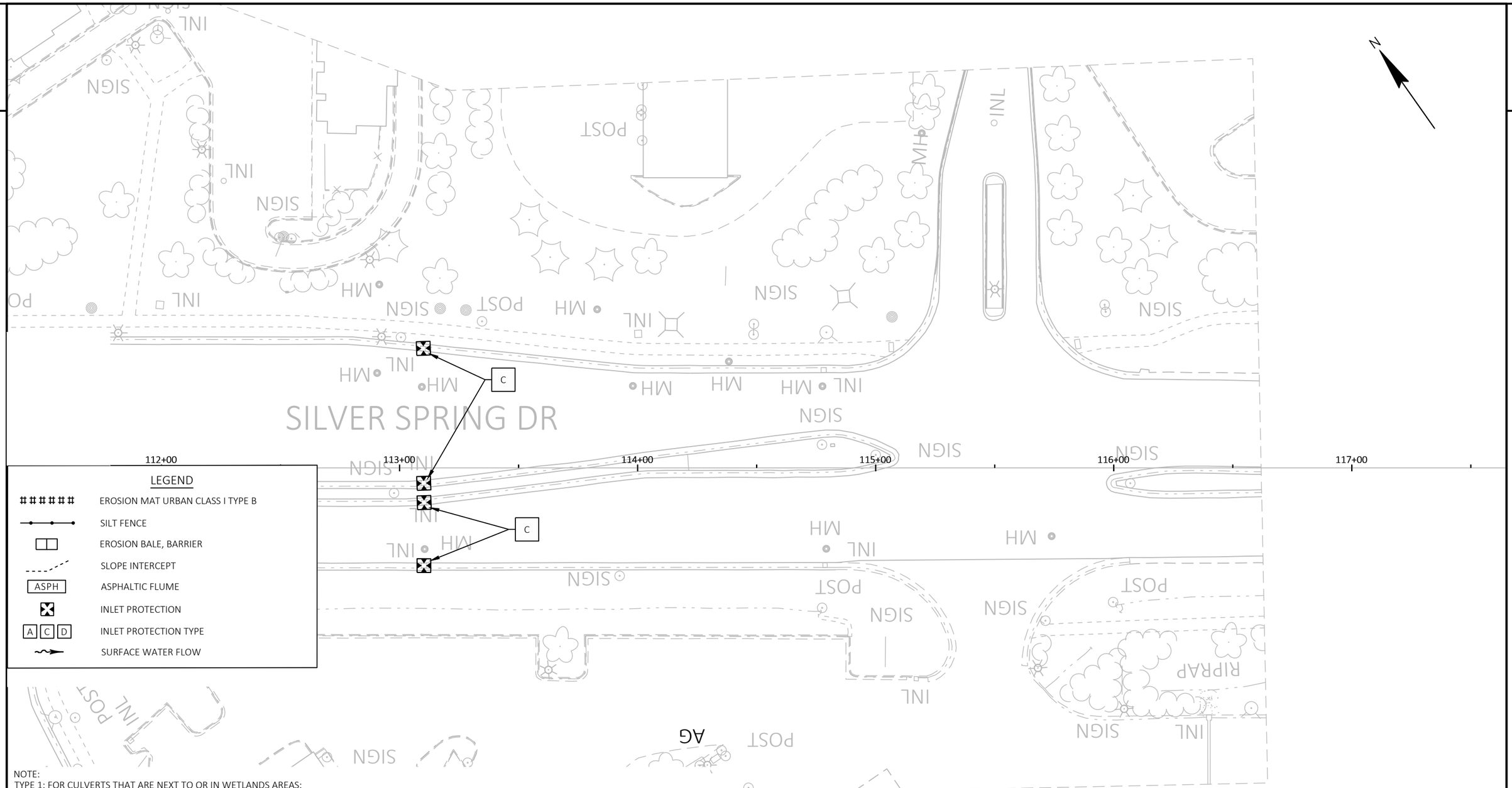
- RESHAPE AND RESTORE ALL DISTURBED AREAS ADJACENT TO THE CULVERT WITH FINAL RESTORATION OF TOPSOIL, SEED, AND EROSION MAT WITHIN THREE CALENDAR DAYS.

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	EROSION CONTROL	SHEET 147	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\022001A-EC.DWG
LAYOUT NAME - 45
PLOT DATE : 5/1/2026 6:15 AM
PLOT BY : DILLINGHAM, MATTHEW
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2



LEGEND

- EROSION MAT URBAN CLASS I TYPE B
- SILT FENCE
- EROSION BALE, BARRIER
- SLOPE INTERCEPT
- ASPH — ASPHALTIC FLUME
- INLET PROTECTION
- A C D — INLET PROTECTION TYPE
- SURFACE WATER FLOW

NOTE:

TYPE 1: FOR CULVERTS THAT ARE NEXT TO OR IN WETLANDS AREAS:

- PLACE SILT FENCE OR OTHER EROSION CONTROL BMP'S TO PROTECT UNDISTURBED AREA.
- CLEAN THE CULVERT AND DITCH WHERE APPLICABLE, OF SEDIMENT. LIMIT CLEANING OPERATION TO A SINGLE WORKING DAY.
- COMPLETE ANY ENDWALL AND/OR PIPE REPAIRS.
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- COMPLETE ANY ENDWALL AND/OR PIPE REPAIRS.
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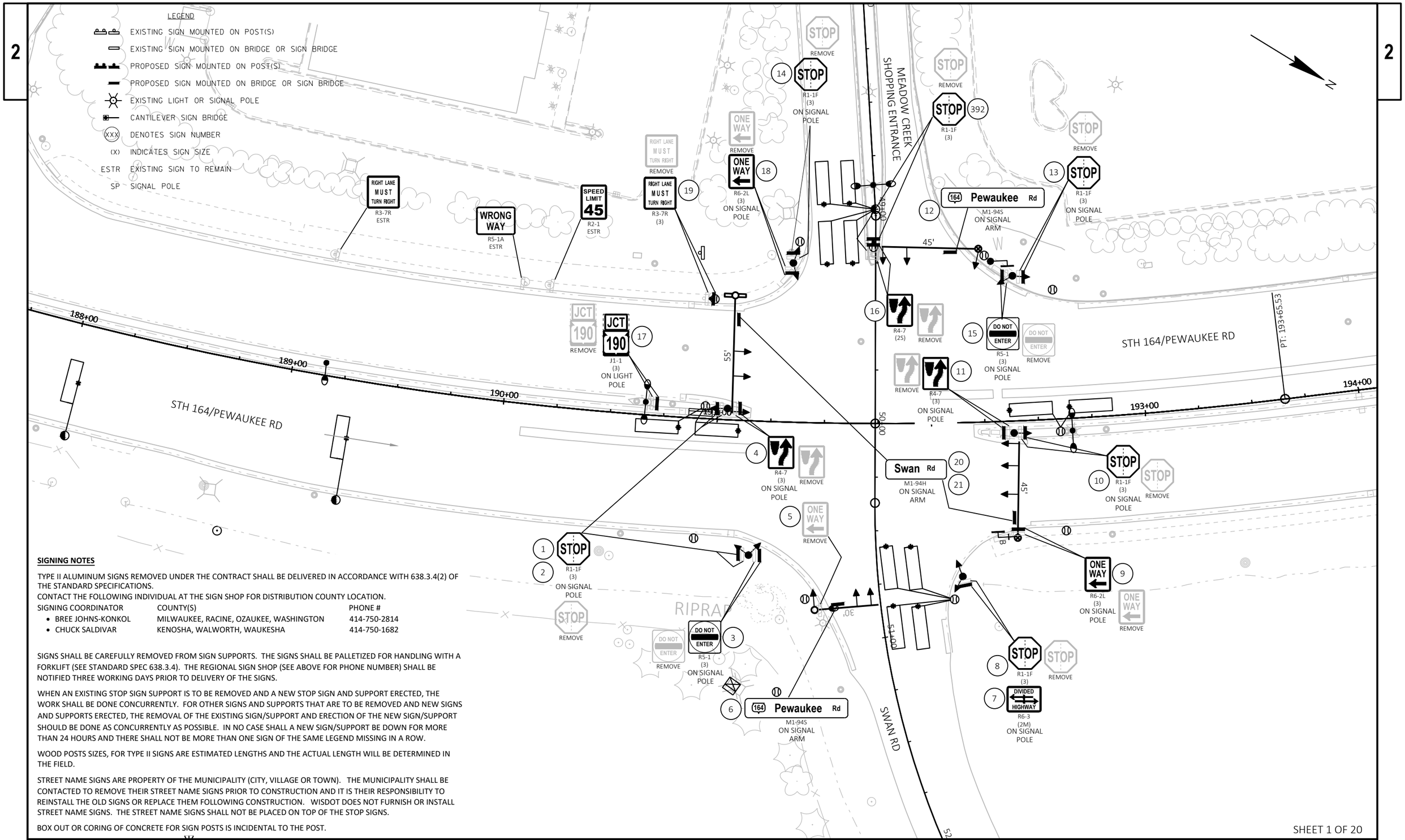
PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	EROSION CONTROL	SHEET 148	E



SIGNING NOTES

TYPE II ALUMINUM SIGNS REMOVED UNDER THE CONTRACT SHALL BE DELIVERED IN ACCORDANCE WITH 638.3.4(2) OF THE STANDARD SPECIFICATIONS.
CONTACT THE FOLLOWING INDIVIDUAL AT THE SIGN SHOP FOR DISTRIBUTION COUNTY LOCATION.

SIGNING COORDINATOR	COUNTY(S)	PHONE #
• BREE JOHNS-KONKOL	MILWAUKEE, RACINE, OZAUKEE, WASHINGTON	414-750-2814
• CHUCK SALDIVAR	KENOSHA, WALWORTH, WAUKESHA	414-750-1682

SIGNS SHALL BE CAREFULLY REMOVED FROM SIGN SUPPORTS. THE SIGNS SHALL BE PALLETIZED FOR HANDLING WITH A FORKLIFT (SEE STANDARD SPEC 638.3.4). THE REGIONAL SIGN SHOP (SEE ABOVE FOR PHONE NUMBER) SHALL BE NOTIFIED THREE WORKING DAYS PRIOR TO DELIVERY OF THE SIGNS.

WHEN AN EXISTING STOP SIGN SUPPORT IS TO BE REMOVED AND A NEW STOP SIGN AND SUPPORT ERECTED, THE WORK SHALL BE DONE CONCURRENTLY. FOR OTHER SIGNS AND SUPPORTS THAT ARE TO BE REMOVED AND NEW SIGNS AND SUPPORTS ERECTED, THE REMOVAL OF THE EXISTING SIGN/SUPPORT AND ERECTION OF THE NEW SIGN/SUPPORT SHOULD BE DONE AS CONCURRENTLY AS POSSIBLE. IN NO CASE SHALL A NEW SIGN/SUPPORT BE DOWN FOR MORE THAN 24 HOURS AND THERE SHALL NOT BE MORE THAN ONE SIGN OF THE SAME LEGEND MISSING IN A ROW.

WOOD POSTS SIZES, FOR TYPE II SIGNS ARE ESTIMATED LENGTHS AND THE ACTUAL LENGTH WILL BE DETERMINED IN THE FIELD.

STREET NAME SIGNS ARE PROPERTY OF THE MUNICIPALITY (CITY, VILLAGE OR TOWN). THE MUNICIPALITY SHALL BE CONTACTED TO REMOVE THEIR STREET NAME SIGNS PRIOR TO CONSTRUCTION AND IT IS THEIR RESPONSIBILITY TO REINSTALL THE OLD SIGNS OR REPLACE THEM FOLLOWING CONSTRUCTION. WISDOT DOES NOT FURNISH OR INSTALL STREET NAME SIGNS. THE STREET NAME SIGNS SHALL NOT BE PLACED ON TOP OF THE STOP SIGNS.

BOX OUT OR CORING OF CONCRETE FOR SIGN POSTS IS INCIDENTAL TO THE POST.

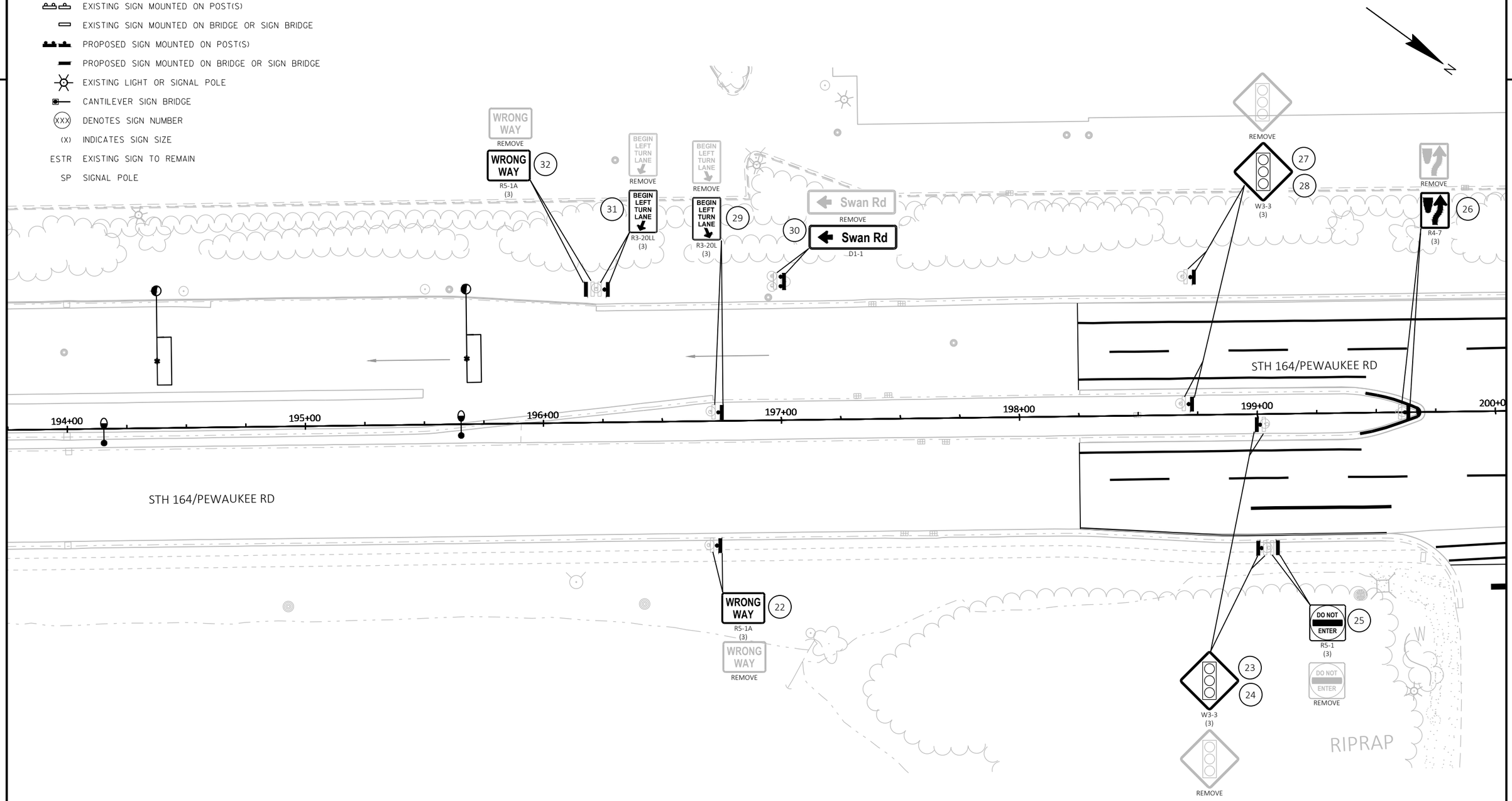
PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	PERMANENT SIGNING PLAN	SHEET 149	E

FILE NAME : N:\PDS\C3D\CAD\23700005\SIGN\023201_PS.DWG
LAYOUT NAME - 01
PLOT DATE : 4/23/2026 10:27 AM
PLOT BY : MARTENS, KAREN L
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- EXISTING LIGHT OR SIGNAL POLE
- CANTILEVER SIGN BRIDGE
- (XXX) DENOTES SIGN NUMBER
- (X) INDICATES SIGN SIZE
- ESTR EXISTING SIGN TO REMAIN
- SP SIGNAL POLE



SHEET 2 OF 20

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	PERMANENT SIGNING PLAN	SHEET 150	E

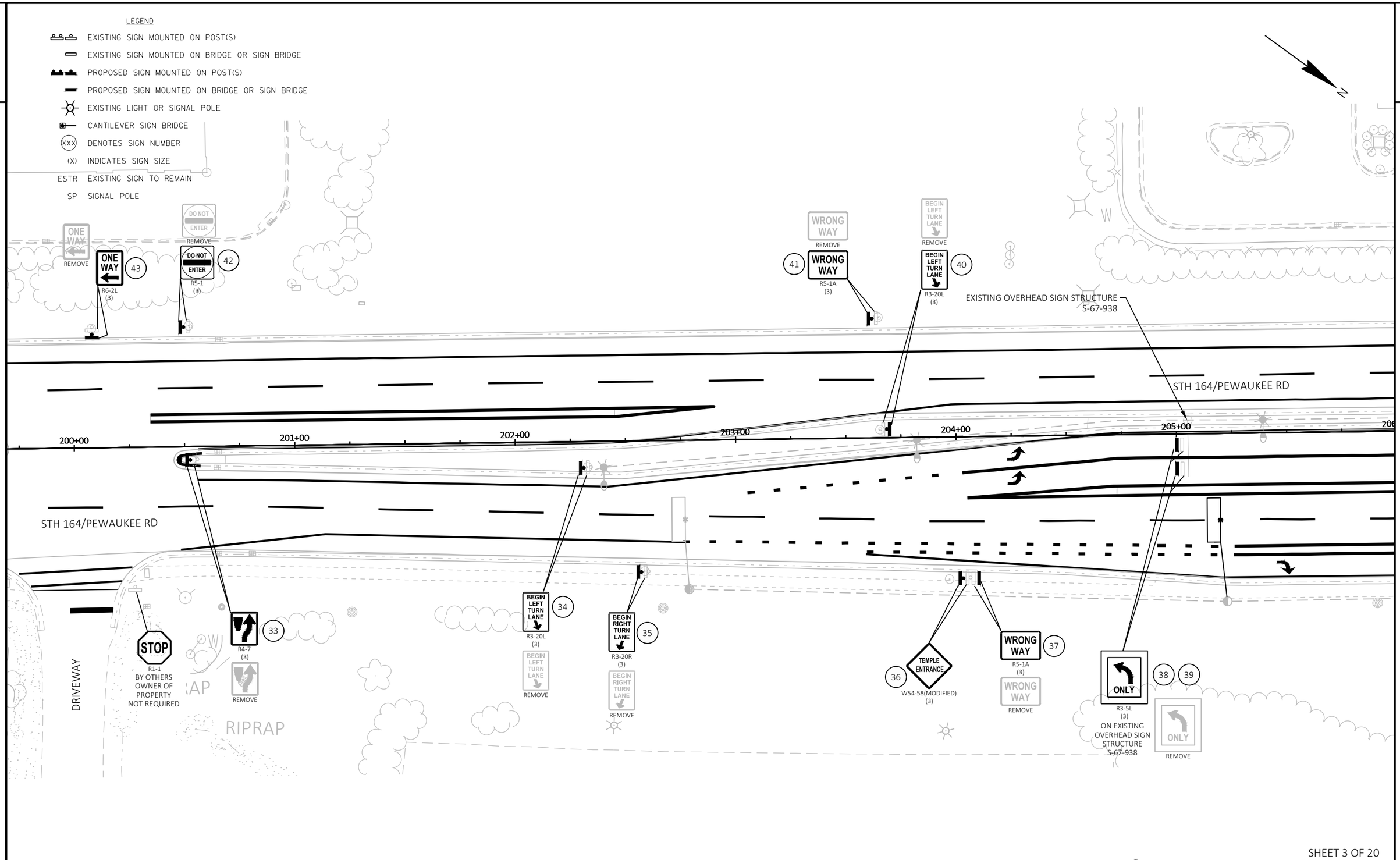
FILE NAME : N:\PDS\C3D\CAD\23700005\SIGN\023201_PS.DWG
LAYOUT NAME - 02

PLOT DATE : 4/23/2026 10:27 AM PLOT BY : MARTENS, KAREN L PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- EXISTING LIGHT OR SIGNAL POLE
- CANTILEVER SIGN BRIDGE
- XXX DENOTES SIGN NUMBER
- (X) INDICATES SIGN SIZE
- ESTR EXISTING SIGN TO REMAIN
- SP SIGNAL POLE



SHEET 3 OF 20

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	PERMANENT SIGNING PLAN	SHEET 151	E

FILE NAME : N:\PDS\C3D\CAD\23700005\SIGN\023201_PS.DWG
LAYOUT NAME - 03

PLOT DATE : 4/23/2026 10:27 AM PLOT BY : MARTENS, KAREN L PLOT NAME : PLOT SCALE : 1 IN:40 FT

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- EXISTING LIGHT OR SIGNAL POLE
- CANTILEVER SIGN BRIDGE
- (XXX) DENOTES SIGN NUMBER
- (X) INDICATES SIGN SIZE
- ESTR EXISTING SIGN TO REMAIN
- SP SIGNAL POLE

STH 164/PEWAUKEE RD

COSTCO DRIVEWAY

TEMPLE DWY

206+00 207+00 208+00 209+00 210+00 211+00

40' 45'

60 STOP R1-1F (3) ON SIGNAL POLE
REMOVE STOP

61 DIVIDED HIGHWAY R6-3 (2M) ON SIGNAL POLE

62 ONE WAY R6-2L (3) ON SIGNAL POLE
REMOVE ONE WAY

55 164 Pewaukee Rd M1-94S ON SIGNAL ARM

51 STOP R1-1F (3) ON SIGNAL POLE
52
REMOVE STOP

49 BEGIN LEFT TURN LANE R3-20L (3)
REMOVE BEGIN LEFT TURN LANE

56 R4-7 (3) ON SIGNAL POLE
REMOVE

50 DO NOT ENTER R5-1 (3) ON SIGNAL POLE
REMOVE DO NOT ENTER

57 R4-7 (3) ON SIGNAL POLE
REMOVE

53 R4-7 (3) ON SIGNAL POLE
REMOVE

58 STOP R1-1F (3) ON SIGNAL POLE
59
REMOVE STOP

44 DO NOT ENTER R5-1 (3) ON SIGNAL POLE
REMOVE DO NOT ENTER

54 164 Pewaukee Rd M1-94S ON SIGNAL ARM

45 STOP R1-1F (3)

46 DIVIDED HIGHWAY R6-3 (2M) ON SIGNAL POLE

REMOVE STOP

47 ONE WAY R6-2L (3) ON SIGNAL POLE
REMOVE ONE WAY

SHEET 4 OF 20

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	PERMANENT SIGNING PLAN	SHEET 152	E

2

2

LEGEND

EXISTING SIGN MOUNTED ON POST(S)

EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE

PROPOSED SIGN MOUNTED ON POST(S)

PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE

EXISTING LIGHT OR SIGNAL POLE

CANTILEVER SIGN BRIDGE

(XXX) DENOTES SIGN NUMBER

(X) INDICATES SIGN SIZE

ESTR EXISTING SIGN TO REMAIN

SP SIGNAL POLE

N

BEGIN RIGHT TURN LANE
REMOVE

BEGIN RIGHT TURN LANE
R3-20R
(3)
69

REMOVE

67 68

W3-3
(3)

STH 164/PEWAUKEE RD

PC: 213+94.07

212+00 213+00 214+00 215+00 216+00 217+00 218+00

STH 164/PEWAUKEE RD

ONE WAY
R6-2R
(2S)
64

ONE WAY
REMOVE

SPEED LIMIT 45
R2-1
(3)
65 66

SPEED LIMIT 45
REMOVE

SHEET 5 OF 20

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	PERMANENT SIGNING PLAN	SHEET 153	E

FILE NAME : N:\PDS\C3D\CAD\23700005\SIGN\023201_PS.DWG
LAYOUT NAME - 05

PLOT DATE : 4/23/2026 10:27 AM PLOT BY : MARTENS, KAREN L PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- EXISTING LIGHT OR SIGNAL POLE
- CANTILEVER SIGN BRIDGE
- (XXX) DENOTES SIGN NUMBER
- (X) INDICATES SIGN SIZE
- ESTR EXISTING SIGN TO REMAIN
- SP SIGNAL POLE

N

SPEED LIMIT 45 REMOVE

72 388

SPEED LIMIT 45
R2-1
24"X30"

1

218+00

219+00

220+00

221+00

222+00

223+00

224+00

225+00

226+00

227+00

228+00

229+00

230+00

231+00

232+00

233+00

STH 164/PEWAUKEE RD

PT: 223+99.22

STH 164/PEWAUKEE RD

Chesterwood Ln 70
D1-1

WRONG WAY 71
R5-1A
(3)

WRONG WAY
REMOVE

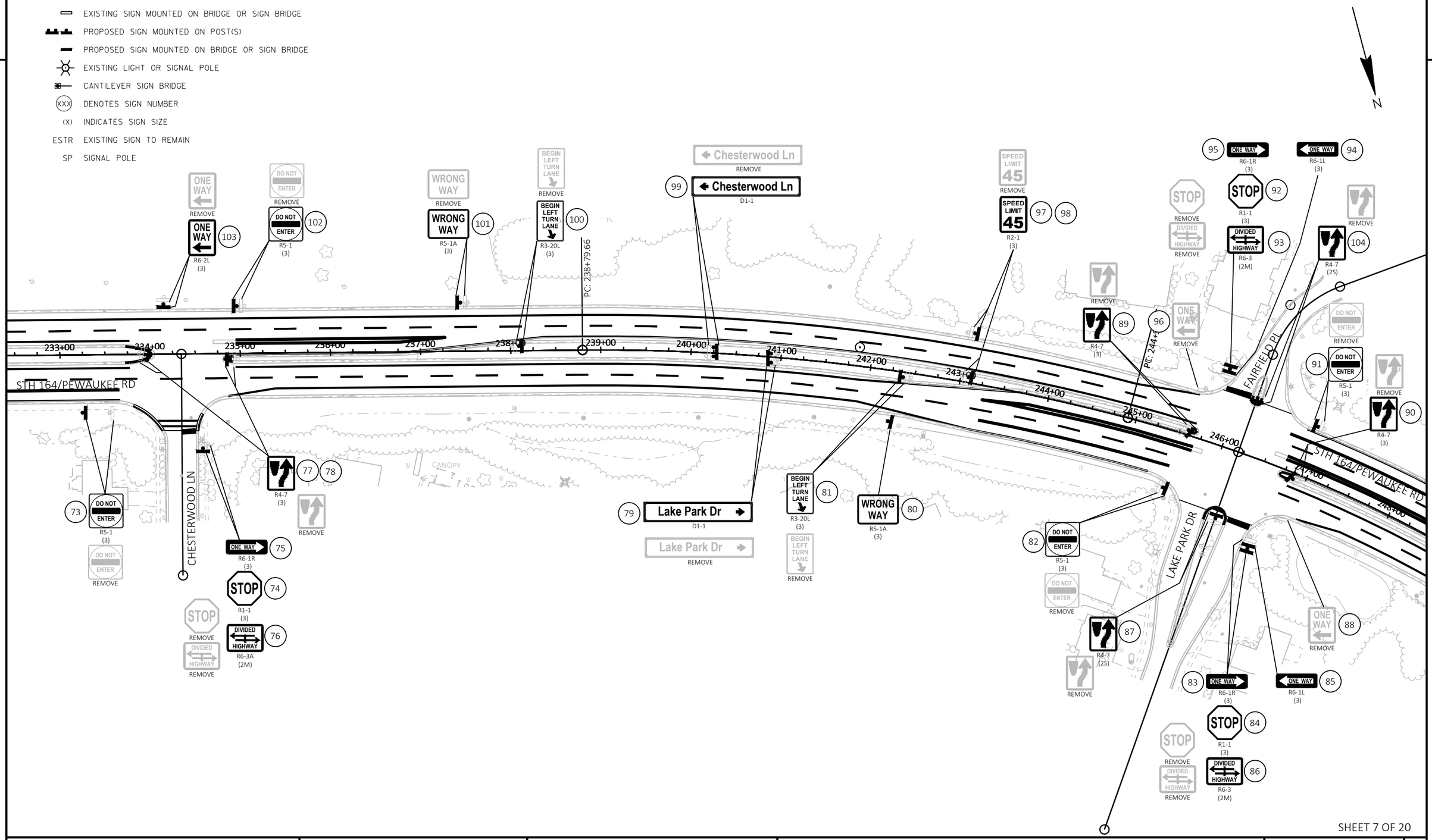
SHEET 6 OF 20

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	PERMANENT SIGNING PLAN	SHEET 154	E

2

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- EXISTING LIGHT OR SIGNAL POLE
- CANTILEVER SIGN BRIDGE
- XXX DENOTES SIGN NUMBER
- (X) INDICATES SIGN SIZE
- ESTR EXISTING SIGN TO REMAIN
- SP SIGNAL POLE



SHEET 7 OF 20

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	PERMANENT SIGNING PLAN	SHEET 155	E

FILE NAME : N:\PDS\C3D\CAD\23700005\SIGN\023201_PS.DWG
LAYOUT NAME - 07

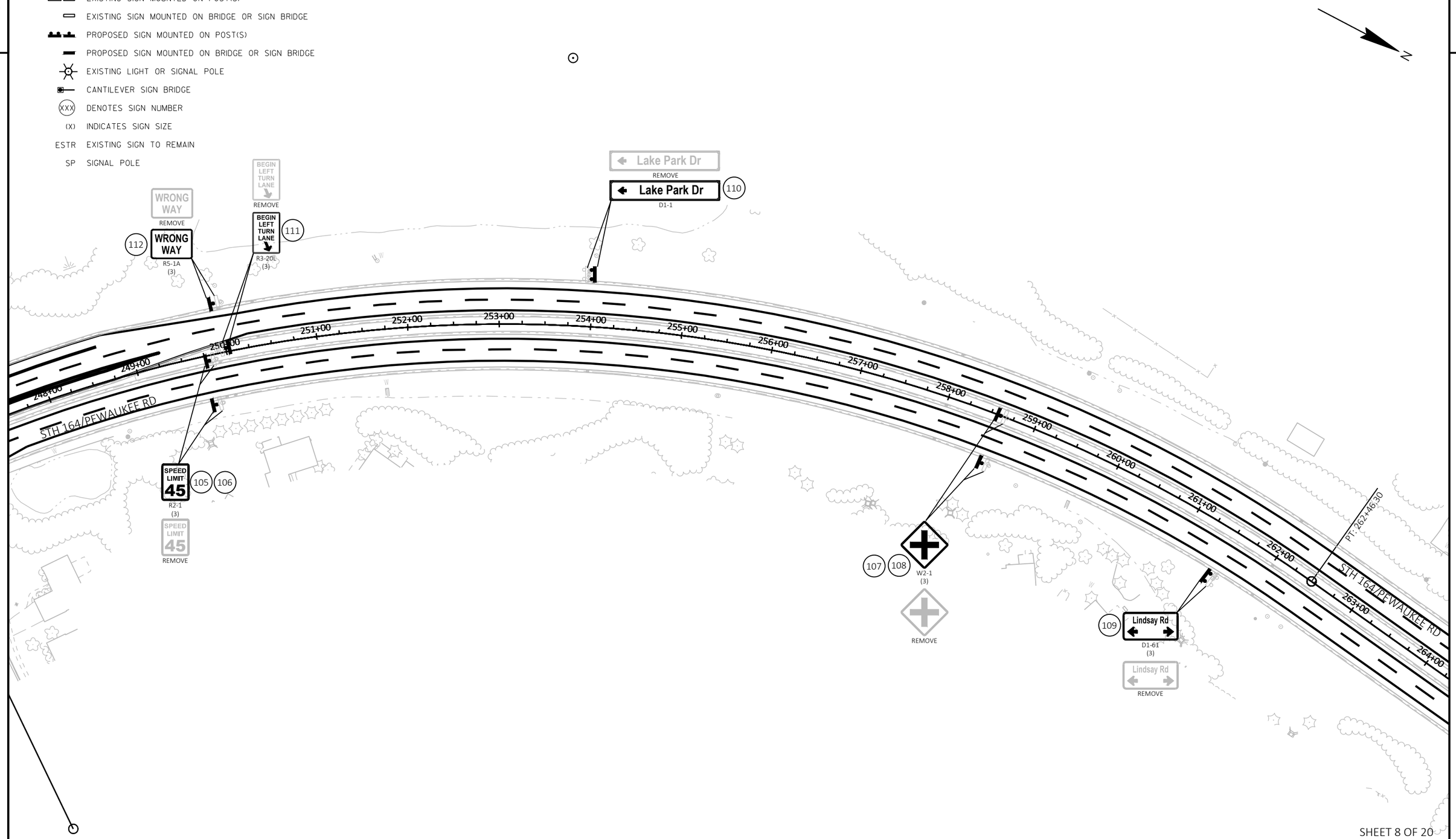
PLOT DATE : 4/23/2026 10:27 AM PLOT BY : MARTENS, KAREN L PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- EXISTING LIGHT OR SIGNAL POLE
- CANTILEVER SIGN BRIDGE
- XXX DENOTES SIGN NUMBER
- (X) INDICATES SIGN SIZE
- ESTR EXISTING SIGN TO REMAIN
- SP SIGNAL POLE



SHEET 8 OF 20

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	PERMANENT SIGNING PLAN	SHEET 156	E

FILE NAME : N:\PDS\C3D\CAD\23700005\SIGN\023201_PS.DWG
LAYOUT NAME - 08

PLOT DATE : 4/23/2026 10:27 AM PLOT BY : MARTENS, KAREN L PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- EXISTING LIGHT OR SIGNAL POLE
- CANTILEVER SIGN BRIDGE
- (XXX) DENOTES SIGN NUMBER
- (X) INDICATES SIGN SIZE
- ESTR EXISTING SIGN TO REMAIN
- SP SIGNAL POLE

N

LINDSAY RD

STH 164/PEWAUKEE RD

264+00 265+00 266+00 267+00 268+00 269+00 270+00 271+00 272+00 273+00 274+00 275+00 276+00 277+00 278+00 279+00

PC: 266+09.52

PT: 271+81.85

PC: 279+06.81

75'

RIPRAP

STREET NAME SIGN BY OTHERS - VILLAGE

ESTR PERMIT SIGN BY OTHERS

ESTR PERMIT SIGN BY OTHERS

NO ENGINE BRAKING EXCEPT IN EMERGENCY — WITHIN VILLAGE LIMITS

114 BEGIN LEFT TURN LANE — R3-20L (3)

BEGIN LEFT TURN LANE — REMOVE

113 WRONG WAY — R5-1A (3)

WRONG WAY — REMOVE

115 DO NOT ENTER — R5-1 (3)

DO NOT ENTER — REMOVE

DO NOT ENTER — REMOVE

129 DO NOT ENTER — R5-1 (3)

131 — R4-7 (3)

REMOVE

130 ONE WAY — REMOVE

WRONG WAY — REMOVE

128 WRONG WAY — R5-1A (3)

127 BEGIN LEFT TURN LANE — R3-20L (3)

BEGIN LEFT TURN LANE — REMOVE

Lindsay Rd — REMOVE

126 Lindsay Rd — D1-61 (3)

125 — R4-7 (3)

124 ONE WAY — REMOVE

REMOVE

120 121 ONE WAY — R6-1R (3)

ONE WAY — R6-1L (3) 122 123

116 117 STOP — R1-1 (3)

STOP — REMOVE

118 119 DIVIDED HIGHWAY — R6-3 (2M)

DIVIDED HIGHWAY — REMOVE

SHEET 9 OF 20

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	PERMANENT SIGNING PLAN	SHEET 157	E

FILE NAME : N:\PDS\C3D\CAD\23700005\SIGN\023201_PS.DWG
LAYOUT NAME - 09

PLOT DATE : 4/23/2026 10:27 AM PLOT BY : MARTENS, KAREN L PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

2

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- EXISTING LIGHT OR SIGNAL POLE
- CANTILEVER SIGN BRIDGE
- XXX DENOTES SIGN NUMBER
- (X) INDICATES SIGN SIZE
- ESTR EXISTING SIGN TO REMAIN
- SP SIGNAL POLE

N

STH 164/PEWAUKEE RD

PC: 279+06.81

279+00 280+00 281+00 282+00 283+00 284+00 285+00 286+00 287+00 288+00 289+00 290+00 291+00 292+00 293+00 294+

PT: 292+50.59

7 STONES DR

RIPRAP

RUINS

STREET NAME SIGN BY OTHERS - VILLAGE

149 150 SPEED LIMIT 45 R2-1 (3)

SPEED LIMIT 45 REMOVE

REMOVE

147 148 W2-1 (3)

146 ONE WAY R6-1R (3)

144 STOP R1-1 (3)

145 DIVIDED HIGHWAY R6-3A (2M)

STOP REMOVE

DIVIDED HIGHWAY REMOVE

DO NOT ENTER REMOVE

143 DO NOT ENTER R5-1 (3)

BEGIN LEFT TURN LANE REMOVE

142 BEGIN LEFT TURN LANE R3-20L (3)

WRONG WAY REMOVE

141 WRONG WAY R5-1A (3)

132 133 SPEED LIMIT 45 R2-1 (3)

SPEED LIMIT 45 REMOVE

134 Seven Stones Dr D1-1

135 BEGIN LEFT TURN LANE R3-20L (3)

BEGIN LEFT TURN LANE REMOVE

136 WRONG WAY R5-1A (3)

WRONG WAY REMOVE

137 DO NOT ENTER R5-1 (3)

DO NOT ENTER REMOVE

138 139 R4-7 (3)

REMOVE

140 ONE WAY R6-2L (3)

ONE WAY REMOVE

SHEET 10 OF 20

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	PERMANENT SIGNING PLAN	SHEET 158	E

FILE NAME : N:\PDS\C3D\CAD\23700005\SIGN\023201_PS.DWG
LAYOUT NAME - 10

PLOT DATE : 4/23/2026 10:27 AM PLOT BY : MARTENS, KAREN L PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- EXISTING LIGHT OR SIGNAL POLE
- CANTILEVER SIGN BRIDGE
- (XXX) DENOTES SIGN NUMBER
- (X) INDICATES SIGN SIZE
- ESTR EXISTING SIGN TO REMAIN (LIMIT)
- SP SIGNAL POLE

N

2

RIPRAP

Seven Stones Dr → 160
D1-1

RIPRAP

ADOPT A HIGHWAY
Wellenstein and Sons, Inc
REMOVE

158 ADOPT A HIGHWAY
I55-56
(2S)

159 Wellenstein and Sons, Inc
I55-56P
(2S)

STH 164/PEWAUKEE RD

294+00 295+00 296+00 297+00 298+00 299+00 300+00 301+00 302+00 303+00 304+00 305+00 306+00 307+00 308+00

STH 164/PEWAUKEE RD

WEIGHT LIMIT 6 TONS CTH YY EAST AHEAD
ESTR
PERMIT SIGN
CITY

ALTERNATE TRUCK ROUTE CTH K
ESTR
PERMIT SIGN
CITY

151 152 JCT COUNTY K
J1-1
(3)

JCT COUNTY K
REMOVE

153 154
W3-3
(3)

REMOVE

ALTERNATE TRUCK ROUTE TO HWY F & HWY YY-EAST
ESTR
PERMIT SIGN
CITY

155 WEST COUNTY K
J2-1
(3)

WEST COUNTY K
REMOVE

BEGIN LEFT TURN LANE
R3-20L
(3)

BEGIN LEFT TURN LANE
REMOVE

157 EAST COUNTY K 156
J2-1
(3)

EAST COUNTY K
REMOVE

SHEET 11 OF 20

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	PERMANENT SIGNING PLAN	SHEET 159	E

FILE NAME : N:\PDS\C3D\CAD\23700005\SIGN\023201_PS.DWG
LAYOUT NAME - 11

PLOT DATE : 4/23/2026 10:27 AM PLOT BY : MARTENS, KAREN L PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- EXISTING LIGHT OR SIGNAL POLE
- CANTILEVER SIGN BRIDGE
- (XXX) DENOTES SIGN NUMBER
- (X) INDICATES SIGN SIZE
- ESTR EXISTING SIGN TO REMAIN
- SP SIGNAL POLE

N

192 SOUTH 164 J3-1 (3)
REMOVE SOUTH 164

REMOVE W12-1D (2S) 2' MOUNT HEIGHT 187

190 191 DIVIDED HIGHWAY R6-3 (2M)
188 189 STOP R1-1F (3) ON SIGNAL POLE
REMOVE STOP

194 R1-2 (2M) ON LIGHT POLE
REMOVE YIELD

SPEED LIMIT 45 R2-1 (3) 204 205
REMOVE SPEED LIMIT 45

SOUTH 164 J4-1 (3) 203
REMOVE SOUTH 164

DO NOT ENTER R5-1 (3) ON SIGNAL POLE 206
REMOVE DO NOT ENTER

195 ONE WAY R6-2L (2M) ON SIGNAL POLE
REMOVE ONE WAY

193 K Lisbon Rd M1-94S ON SIGNAL ARM

CTH K (LISBON RD)
ONLY
6-6'X20' 4 TURNS EA
55'

186 NORTH 164 J3-1 (2M) ON LIGHT POLE
REMOVE NORTH 164

185 ONE WAY R6-2L (2M) ON SIGNAL POLE
REMOVE ONE WAY

182 R1-2 (2M) ON LIGHT POLE
REMOVE YIELD

WEST COUNTY K J3-1 (3) 181
REMOVE WEST COUNTY K

184 R4-7 (2S) ON SIGNAL POLE
REMOVE

200 DO NOT ENTER R5-1 (3) ON SIGNAL POLE
REMOVE DO NOT ENTER

198 199 R4-7 (3) ON SIGNAL POLE
REMOVE

PI: 312+39.57
55'

183 164 Pewaukee Rd M1-94S ON SIGNAL ARM

179 180 STOP R1-1F (3) ON SIGNAL POLE
REMOVE STOP

STH 164/PEWAUKEE RD

309+00 310+00 311+00 312+00 313+00 314+00

50'

PI: 50+00.60

REMOVE

164 164 Pewaukee Rd M1-94S ON SIGNAL ARM

172 R4-7 (2S) ON SIGNAL POLE
REMOVE

K Lisbon Rd 175 M1-94S ON SIGNAL ARM

178 ONE WAY R6-2L (2M) ON SIGNAL POLE
REMOVE ONE WAY

177 DO NOT ENTER R5-1 (3) ON SIGNAL POLE
REMOVE DO NOT ENTER

RIPRAP

169 W12-1D (2S) 2' MOUNT HEIGHT
REMOVE

NORTH 164 J4-1 (3) 176
REMOVE NORTH 164

173 R1-2 (2M) ON LIGHT POLE
REMOVE YIELD

166 167 DIVIDED HIGHWAY
170 171 STOP R1-1F (3) ON SIGNAL POLE
REMOVE STOP

168 NORTH 164 J3-1 (2M)
REMOVE NORTH 164

174 SOUTH 164 J3-1 (2M) ON LIGHT POLE
REMOVE SOUTH 164

EAST COUNTY K J3-1 (3) 162
REMOVE EAST COUNTY K

161 WRONG WAY R5-1A (3)
REMOVE WRONG WAY

WEST COUNTY K J3-1 (3) 163
REMOVE WEST COUNTY K

196 197 STOP R1-1F (3) ON SIGNAL POLE
REMOVE STOP

165 R1-2 (2M) ON LIGHT POLE
REMOVE YIELD

201 DO NOT ENTER R5-1 (3) ON SIGNAL POLE
REMOVE DO NOT ENTER

ONE WAY R6-2L (3) ON SIGNAL POLE 202
REMOVE ONE WAY

CTH K (LISBON RD)
ONLY
2-3"
PB23
100'

STH 164/PEWAUKEE RD

SHEET 12 OF 20

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	PERMANENT SIGNING PLAN	SHEET 160	E

FILE NAME : N:\PDS\C3D\CAD\23700005\SIGN\023201_PS.DWG
LAYOUT NAME - 12

PLOT DATE : 4/23/2026 10:27 AM PLOT BY : MARTENS, KAREN L PLOT NAME : PLOT SCALE : 1 IN:40 FT

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- EXISTING LIGHT OR SIGNAL POLE
- CANTILEVER SIGN BRIDGE
- (XXX) DENOTES SIGN NUMBER
- (X) INDICATES SIGN SIZE
- ESTR EXISTING SIGN TO REMAIN
- SP SIGNAL POLE

N

EAST COUNTY K ← REMOVE

219 EAST COUNTY K ← J3-1 (3)

WRONG WAY REMOVE

218 WRONG WAY R5-1A (3)

BEGIN LEFT TURN LANE REMOVE

217 BEGIN LEFT TURN LANE R3-20L (3)

EAST COUNTY K REMOVE

216 EAST COUNTY K J2-1 (3)

WEST COUNTY K REMOVE

215 WEST COUNTY K J2-1 (3)

REMOVE

213 214 W3-3 (3)

STH 164/PEWAUKEE RD

315+00 316+00 317+00 318+00 319+00 320+00

STH 164/PEWAUKEE RD

207 ADOPT A HIGHWAY I55-56 (2S)

208 HORNE-MUDLITE V.F.W. POST #6377 I55-56P (2S)

ADOPT A HIGHWAY HORNE-MUDLITE V.F.W. POST #6377 REMOVE

SPEED LIMIT 45 209 210 R2-1 (3)

SPEED LIMIT 45 REMOVE

211 S Corporate Circle D1-1

S Corporate Circle REMOVE

WRONG WAY 212 R5-1A (3)

WRONG WAY REMOVE

SHEET 13 OF 20

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	PERMANENT SIGNING PLAN	SHEET 161	E

FILE NAME : N:\PDS\C3D\CAD\23700005\SIGN\023201_PS.DWG
LAYOUT NAME - 13

PLOT DATE : 4/23/2026 10:28 AM PLOT BY : MARTENS, KAREN L PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- EXISTING LIGHT OR SIGNAL POLE
- CANTILEVER SIGN BRIDGE
- XXX DENOTES SIGN NUMBER
- (X) INDICATES SIGN SIZE
- ESTR EXISTING SIGN TO REMAIN
- SP SIGNAL POLE

N

BUSINESS DR

STH 164/PEWAUKEE RD

S CORPORATE CIR

321+00 322+00 323+00 324+00 325+00 326+00 327+00 328+00 329+00 330+00 331+00 332+00 333+00 334+00 335+00 336+00

RIPRAP

248 ONE WAY R6-2L (3) REMOVE ONE WAY

247 R4-7 (3) REMOVE

246 R4-7 (3) REMOVE

245 DO NOT ENTER R5-1 (3) REMOVE DO NOT ENTER

244 JCT COUNTY K J1-1 (3) REMOVE JCT COUNTY K

243 WRONG WAY R5-1A (3) REMOVE WRONG WAY

242 BEGIN LEFT TURN LANE R3-20L (3) REMOVE BEGIN LEFT TURN LANE

239 WRONG WAY R5-1A (3) REMOVE WRONG WAY

241 SPEED LIMIT 45 R2-1 (3) REMOVE SPEED LIMIT 45

240 SPEED LIMIT 45 REMOVE

238 S Corporate Cir D1-1 REMOVE S Corporate Cir

237 ONE WAY R6-1R (3) REMOVE STOP REMOVE DIVIDED HIGHWAY

235 STOP R1-1 (3)

236 DIVIDED HIGHWAY R6-3A (2M)

390 391 R4-7 (3) REMOVE

389 DO NOT ENTER R5-1 (3) REMOVE DO NOT ENTER

234 WRONG WAY R5-1A (3)

233 BEGIN RIGHT TURN LANE R3-20R (3)

220 DO NOT ENTER R5-1 (3) REMOVE DO NOT ENTER

221 R4-7 (2S) REMOVE

222 STOP R1-1 (3)

223 DIVIDED HIGHWAY R6-3A (2M) STOP REMOVE DIVIDED HIGHWAY REMOVE

226 ONE WAY R6-1R (3)

224 STOP R1-1 (3)

225 DIVIDED HIGHWAY R6-3A (2M) STOP REMOVE DIVIDED HIGHWAY REMOVE

ALTERNATE TRUCK ROUTE TO HWY VV-EAST ESTR PERMIT SIGN CITY

227 BEGIN LEFT TURN LANE R3-20L (3) REMOVE BEGIN LEFT TURN LANE

228 229 SPEED LIMIT 45 R2-1 (3) SPEED LIMIT 45 REMOVE

230 DO NOT ENTER R5-1 (3) REMOVE DO NOT ENTER

231 ONE WAY R6-2L (3) REMOVE ONE WAY

SHEET 14 OF 20

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	PERMANENT SIGNING PLAN	SHEET 162	E

FILE NAME : N:\PDS\C3D\CAD\23700005\SIGN\023201_PS.DWG
LAYOUT NAME - 14

PLOT DATE : 4/23/2026 10:28 AM PLOT BY : MARTENS, KAREN L PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- EXISTING LIGHT OR SIGNAL POLE
- CANTILEVER SIGN BRIDGE
- XXX DENOTES SIGN NUMBER
- (X) INDICATES SIGN SIZE
- ESTR EXISTING SIGN TO REMAIN
- SP SIGNAL POLE

N

RICHMOND RD

N CORPORATE CIR

PC: 336+41.74

PT: 341+29.29

RIPRAP

STH 164/PEWAUKEE RD

336+00 337+00 338+00 339+00 340+00 341+00 342+00 343+00 344+00 345+00 346+00 347+00 348+00 349+00 350+00 351+00

249 Richmond Rd / N Corporate Cir — D1-2 — REMOVE: Richmond Rd / N Corporate Cir

250 BEGIN RIGHT TURN LANE TO DRIVEWAYS & CORPORATE DR — REMOVE

251 BEGIN LEFT TURN LANE — R3-20L (3) — REMOVE

252 DO NOT ENTER — R5-1 (3) — REMOVE

253 STOP — R1-1 (3)

254 DIVIDED HIGHWAY — R6-3 (2M) — STOP REMOVE — DIVIDED HIGHWAY REMOVE

255 ONE WAY — R6-1R (3)

256 STOP — R1-1 (3)

257 DIVIDED HIGHWAY — R6-3 (2M)

258 ONE WAY — R6-1R (3)

259 ONE WAY — R6-1L (3)

260 ONE WAY — R6-1L (3)

261 STOP — R1-1 (3)

262 DIVIDED HIGHWAY — R6-3 (2M) — STOP REMOVE — DIVIDED HIGHWAY REMOVE

263 R4-7 (2S) — REMOVE

264 ONE WAY — REMOVE

265 Clover Dr — D1-1 — REMOVE: Clover Dr

266 WRONG WAY — R5-1A (3) — REMOVE: WRONG WAY

267 BEGIN LEFT TURN LANE — R3-20L (3)

268 R3-2 (3) — REMOVE

269 SPEED LIMIT 45 — R2-1 (3) — REMOVE

270 N Corporate Cir / Richmond Rd — D1-2 — REMOVE

271 N Corporate Cir / Richmond Rd — D1-2

272 WRONG WAY — R5-1A (3) — REMOVE

273 DO NOT ENTER — R5-1 (3) — REMOVE

274 R4-7 (2S) — REMOVE

275 R4-7 (3) — REMOVE

276 R4-7 (3) — REMOVE

277 STOP — R1-1 (3) — REMOVE

278 DIVIDED HIGHWAY — R6-3 (2M) — REMOVE

279 ONE WAY — REMOVE

280 WRONG WAY — R5-1A (3) — REMOVE

SHEET 15 OF 20

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	PERMANENT SIGNING PLAN	SHEET 163	E

FILE NAME : N:\PDS\C3D\CAD\23700005\SIGN\023201_PS.DWG
LAYOUT NAME - 15

PLOT DATE : 4/23/2026 10:28 AM PLOT BY : MARTENS, KAREN L PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

2

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- EXISTING LIGHT OR SIGNAL POLE
- CANTILEVER SIGN BRIDGE
- (XXX) DENOTES SIGN NUMBER
- (X) INDICATES SIGN SIZE
- ESTR EXISTING SIGN TO REMAIN
- SP SIGNAL POLE

N

300 ONE WAY R6-1R (3)
298 STOP R1-1 (3)
299 DIVIDED HIGHWAY R6-3 (2M)
301 ONE WAY R6-1L (3)
302 ONE WAY REMOVE
REMOVE R4-7 (3) 296 297
295 DO NOT ENTER R5-1 (3)
DO NOT ENTER REMOVE
PC: 353+20.11
REMOVE 294 R3-1 (3)
WRONG WAY REMOVE 293 R5-1A (3)
BEGIN LEFT TURN LANE REMOVE 292 R3-20L (3)
Clover Dr REMOVE
291 Clover Dr D1-1
PT: 360+06.38

STH 164/PEWAUKEE RD

351+00 352+00 353+00 354+00 355+00 356+00 357+00 358+00 359+00 360+00 361+00 362+00 363+00 364+00 365+00 366+00

STH 164/PEWAUKEE RD

CLOVER DR

DO NOT ENTER R5-1 (3) 281
DO NOT ENTER REMOVE
282 R5-2 (2S)
6 TONS OR OVER R5-2A (2S) 283
6 TONS OR OVER REMOVE
ONE WAY REMOVE 288
286 ONE WAY R6-1R (3)
ONE WAY R6-1L (3) 287
284 STOP R1-1 (3)
285 DIVIDED HIGHWAY R6-3 (2M)
STOP REMOVE
DIVIDED HIGHWAY REMOVE
SPEED LIMIT 45 R2-1 (3) 289 290
SPEED LIMIT 45 REMOVE

SHEET 16 OF 20

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	PERMANENT SIGNING PLAN	SHEET 164	E

FILE NAME : N:\PDS\C3D\CAD\23700005\SIGN\023201_PS.DWG
LAYOUT NAME - 16

PLOT DATE : 4/23/2026 10:28 AM PLOT BY : MARTENS, KAREN L PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- EXISTING LIGHT OR SIGNAL POLE
- CANTILEVER SIGN BRIDGE
- (XXX) DENOTES SIGN NUMBER
- (X) INDICATES SIGN SIZE
- ESTR EXISTING SIGN TO REMAIN
- SP SIGNAL POLE

N

2

STH 164/PEWAUKEE RD

366+00 367+00 368+00 369+00 370+00 371+00 372+00 373+00 374+00 375+00 376+00 377+00 378+00 379+00 380+00 381+00

STH 164/PEWAUKEE RD

ONE WAY
R6-2L
ESTR
BY DEVELOPER

REMOVE
303
304
R4-7
(3)

Wildflower Pkwy
D1-2
ESTR
BY DEVELOPER

BEGIN RIGHT TURN LANE
R3-20R
ESTR
BY DEVELOPER

DO NOT ENTER
R5-1
ESTR
BY DEVELOPER

STOP
R1-1
ESTR
BY DEVELOPER

305
306
SPEED LIMIT 45
R2-1
(3)

SPEED LIMIT 45
REMOVE

WILDFLOWER PKWY

SHEET 17 OF 20

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	PERMANENT SIGNING PLAN	SHEET 165	E

FILE NAME : N:\PDS\C3D\CAD\23700005\SIGN\023201_PS.DWG
LAYOUT NAME - 17

PLOT DATE : 4/23/2026 10:28 AM PLOT BY : MARTENS, KAREN L PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

2

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- EXISTING LIGHT OR SIGNAL POLE
- CANTILEVER SIGN BRIDGE
- (XXX) DENOTES SIGN NUMBER
- (X) INDICATES SIGN SIZE
- ESTR EXISTING SIGN TO REMAIN
- SP SIGNAL POLE

N

SPEED LIMIT 45 — REMOVE

SPEED LIMIT 45 — R2-1 (3) — 329 330

BEGIN LEFT TURN LANE — R3-20L ESTR BY DEVELOPER

Wildflower Pkwy — D1-2 ESTR BY DEVELOPER

ONE WAY — R6-2R ESTR BY DEVELOPER

ALTERNATE TRUCK ROUTE TO HWY F & HWY VV-EAST — ESTR PERMIT SIGN CITY

PC: 388+38.76

398 ONE WAY — R6-2R (2S)

REMOVE — R4-7 (3) — 323 324

R3-2 (2S) — 401 402

CITY SIGN
REMOVE BY OTHERS
STREET NAME SIGN

STOP — REMOVE

DIVIDED HIGHWAY — REMOVE

395 RIGHT TURN ONLY — R3-53R (2S)

STOP — R1-1 (3) — 325

W5-53 (2S) — 2' MOUNT HEIGHT — 400

PROSPECT CIR

PC: 393+95.03

DO NOT ENTER — REMOVE

319 DO NOT ENTER — R5-1 (3)

ADOPT A HIGHWAY — REMOVE

ADOPT A HIGHWAY — I55-56 (2S) — 321

HORNE-MUDLITZ V.F.W. POST# 6377 — I55-56P (2S) — 322

RIPRAP

BERM

STH 164/PEWAUKEE RD

381+00 382+00 383+00 384+00 385+00 386+00 387+00 388+00 389+00 390+00 391+00 392+00 393+00 394+00 395+00

Petal Ct — D1-1 ESTR BY DEVELOPER

BEGIN RIGHT TURN LANE — R3-20R ESTR BY DEVELOPER

DO NOT ENTER — R5-1 ESTR BY DEVELOPER — 307

Prospect Ct — D1-1

Prospect Ct — REMOVE

STOP — R1-1 ESTR BY DEVELOPER

PETAL CT

ALTERNATE TRUCK ROUTE CTH Q — ESTR PERMIT SIGN CITY

WEIGHT LIMIT 6 TONS — ESTR PERMIT SIGN CITY

JCT COUNTY W — J1-1 (3) — 312 313

JCT COUNTY W — REMOVE

WRONG WAY — R5-1A (3) — 308

WRONG WAY — REMOVE

BEGIN LEFT TURN LANE — R3-20L 24"X36" — 309

BEGIN LEFT TURN LANE — REMOVE

314 Business Frontage Rd

Business Frontage Rd — REMOVE

399 W5-53 (2S) — 2' MOUNT HEIGHT

W3-3 (3) — 310 311

REMOVE

DO NOT ENTER — R5-1 (3) — 315

DO NOT ENTER — REMOVE

DO NOT ENTER — R5-1 (3) — 393 394

317 STOP — R1-1 (3)

STOP — REMOVE

DIVIDED HIGHWAY — REMOVE

ONE WAY — R6-2R (2S) — 397

RIGHT TURN ONLY — R3-53R (2S) — 396

DIVIDED HIGHWAY NOW OPEN USE PROPER LANE — REMOVE — 320

SHEET 18 OF 20

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	PERMANENT SIGNING PLAN	SHEET 166	E

FILE NAME : N:\PDS\C3D\CAD\23700005\SIGN\023201_PS.DWG
LAYOUT NAME - 18

PLOT DATE : 4/23/2026 10:28 AM PLOT BY : MARTENS, KAREN L PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- EXISTING LIGHT OR SIGNAL POLE
- CANTILEVER SIGN BRIDGE
- XXX DENOTES SIGN NUMBER
- (X) INDICATES SIGN SIZE
- ESTR EXISTING SIGN TO REMAIN
- SP SIGNAL POLE

342 Business Frontage Rd / Prospect Ct — D1-2 — REMOVE

341 BEGIN LEFT TURN LANE — R3-20L (3) — REMOVE

339 340 SPEED LIMIT 45 — R2-1 (3) — REMOVE

338 SOUTH 164 — J4-1 (3)

331 Downtown Sussex — D1-1

332 WEST COUNTY VV — J2-1 (3) — REMOVE

333 EAST COUNTY VV — J2-1 (3) — REMOVE

335 WRONG WAY — R5-1A (3) — REMOVE

334 BEGIN LEFT TURN LANE — R3-20L (3) — REMOVE

336 EAST COUNTY VV — J3-1 (3) — REMOVE

337 WEST COUNTY VV — J3-1 (3) — REMOVE

OVER 6 TONS / 6TH W-EAST AHEAD — ESTR PERMIT SIGN CITY

STH 164/PEWAUKEE RD

396+00 397+00 398+00 399+00 400+00 401+00

PI: 399+51.42

CANOPY

SHEET 19 OF 20

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	PERMANENT SIGNING PLAN	SHEET 167	E

FILE NAME : N:\PDS\C3D\CAD\23700005\SIGN\023201_PS.DWG
LAYOUT NAME - 19

PLOT DATE : 4/23/2026 10:28 AM PLOT BY : MARTENS, KAREN L PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- EXISTING LIGHT OR SIGNAL POLE
- CANTILEVER SIGN BRIDGE
- (XXX) DENOTES SIGN NUMBER
- (X) INDICATES SIGN SIZE
- ESTR EXISTING SIGN TO REMAIN
- SP SIGNAL POLE

N

STH 164/PEWAUKEE RD

CTH VV (MAIN ST)

PB20

SB12

PI: 110+00.00

00+00 LT

00+00 RT

50'

55'

2.3"

402+00 403+00 404+00 405+00 406+00 407+00

164 REMOVE

373 164 J13-1(2M)

368 369 STOP R1-1F (3) ON SIGNAL POLE

366 367 DIVIDED HIGHWAY R6-3(2M) ON SIGNAL POLE

372 DO NOT ENTER REMOVE

DO NOT ENTER 372 R5-1 (3) ON SIGNAL POLE

ONE WAY REMOVE

382 ONE WAY R6-2L (3) ON SIGNAL POLE

383 VV Silver Spring Dr M1-94S ON SIGNAL ARM

TURNING TRAFFIC MUST YIELD TO PEDESTRIANS ESTR

384 REMOVE

387 R4-7 (2M) ON SIGNAL POLE

361 164 Pewaukee Rd M1-94S ON SIGNAL ARM

376 R4-7 (3) ON SIGNAL POLE

374 ONE WAY R6-2L (3) ON SIGNAL POLE

ONE WAY REMOVE

YIELD 370 R1-2 (2M) ON LIGHT POLE

REMOVE 363 W12-1D (2S) 2' MOUNT HEIGHT

DO NOT ENTER 360 REMOVE

359 WEST COUNTY VV REMOVE

WEST COUNTY VV J3-1 (3)

EAST COUNTY VV REMOVE

358 EAST COUNTY VV J3-1 (3)

364 365 STOP R1-1F (3) ON SIGNAL POLE

STOP REMOVE

355 REMOVE

362 VV Silver Spring Dr M1-94S ON SIGNAL ARM

375 R4-7 (3) ON SIGNAL POLE

REMOVE

STOP REMOVE

379 380 STOP R1-1F (3) ON SIGNAL POLE

385 DO NOT ENTER R5-1 (3) ON SIGNAL POLE

386 R4-7 (2M) ON SIGNAL POLE

REMOVE

344 DO NOT ENTER REMOVE

REMOVE 381 W12-1D (2S) 2' MOUNT HEIGHT

378 ONE WAY R6-2L (3) ON SIGNAL POLE

ONE WAY REMOVE

345 YIELD R1-2 (2M) ON LIGHT POLE

REMOVE

377 164 Pewaukee Rd M1-94S ON SIGNAL ARM

348 349 STOP R1-1F (3)

350 351 DIVIDED HIGHWAY R6-3 (2M) ON SIGNAL POLE

STOP REMOVE

352 DO NOT ENTER R5-1 (3) ON SIGNAL POLE

DO NOT ENTER REMOVE

TURNING TRAFFIC MUST YIELD TO PEDESTRIANS ESTR

353 ONE WAY R6-2L (3) ON SIGNAL POLE

ONE WAY REMOVE

NORTH 164 354 J4-1 (3)

NORTH 164 REMOVE

SPEED LIMIT 45 356 357 R2-1 (3)

SPEED LIMIT 45 REMOVE

SOUTH 164 REMOVE

LEFT TURN LANE REMOVE

SOUTH 164 346 J3-1 (2S)

343 BEGIN LEFT TURN LANE R3-20L (2M) AT START OF TAPER

50'

ONLY ONLY 347 R3-8LL (2S)

SHEET 20 OF 20

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	PERMANENT SIGNING PLAN	SHEET 168	E

FILE NAME : N:\PDS\C3D\CAD\23700005\SIGN\023201_PS.DWG
LAYOUT NAME - 20

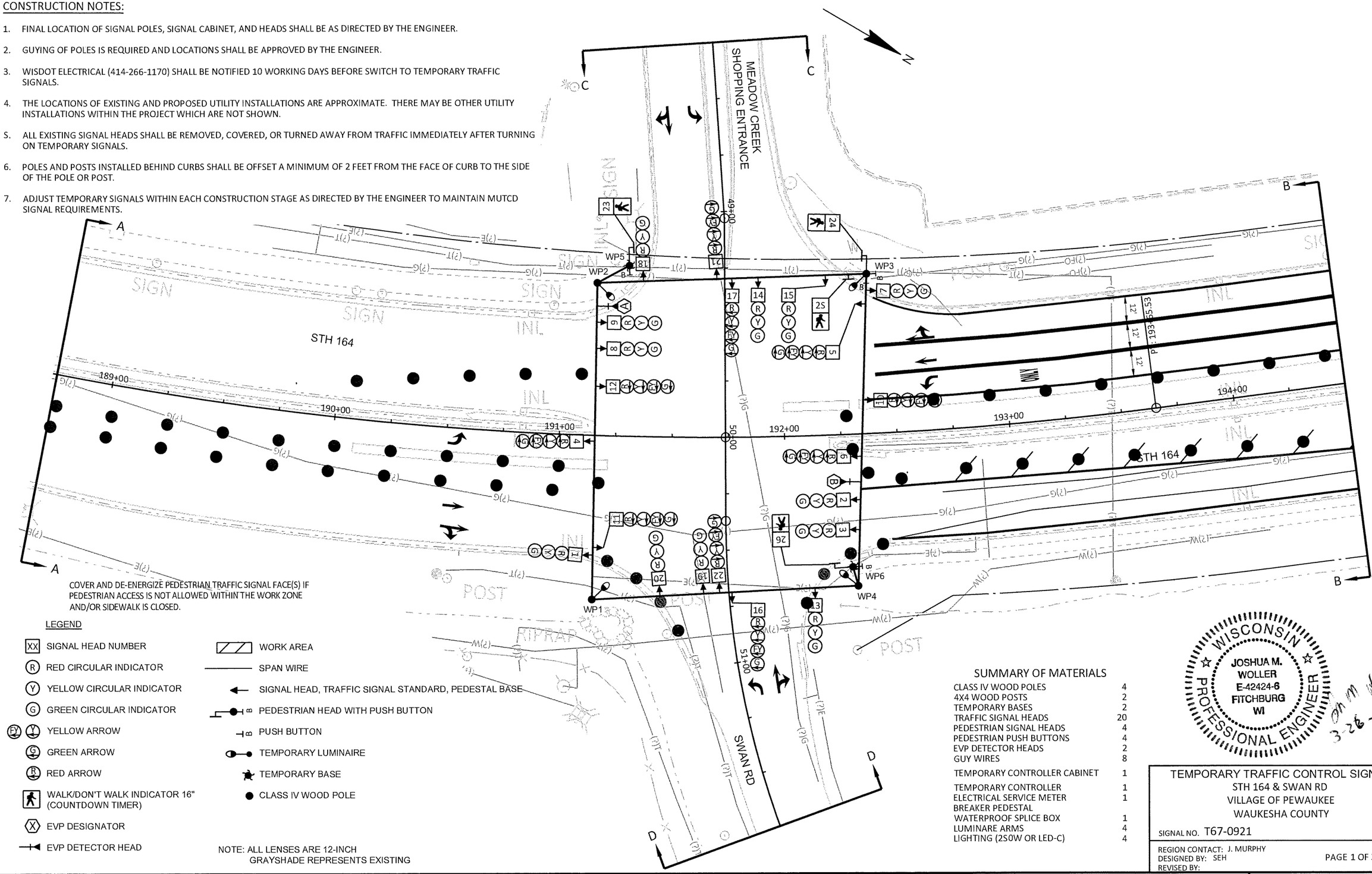
PLOT DATE : 4/23/2026 10:28 AM PLOT BY : MARTENS, KAREN L PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

CONSTRUCTION NOTES:

1. FINAL LOCATION OF SIGNAL POLES, SIGNAL CABINET, AND HEADS SHALL BE AS DIRECTED BY THE ENGINEER.
2. GUYING OF POLES IS REQUIRED AND LOCATIONS SHALL BE APPROVED BY THE ENGINEER.
3. WISDOT ELECTRICAL (414-266-1170) SHALL BE NOTIFIED 10 WORKING DAYS BEFORE SWITCH TO TEMPORARY TRAFFIC SIGNALS.
4. THE LOCATIONS OF EXISTING AND PROPOSED UTILITY INSTALLATIONS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT WHICH ARE NOT SHOWN.
5. ALL EXISTING SIGNAL HEADS SHALL BE REMOVED, COVERED, OR TURNED AWAY FROM TRAFFIC IMMEDIATELY AFTER TURNING ON TEMPORARY SIGNALS.
6. POLES AND POSTS INSTALLED BEHIND CURBS SHALL BE OFFSET A MINIMUM OF 2 FEET FROM THE FACE OF CURB TO THE SIDE OF THE POLE OR POST.
7. ADJUST TEMPORARY SIGNALS WITHIN EACH CONSTRUCTION STAGE AS DIRECTED BY THE ENGINEER TO MAINTAIN MUTCD SIGNAL REQUIREMENTS.



COVER AND DE-ENERGIZE PEDESTRIAN TRAFFIC SIGNAL FACE(S) IF PEDESTRIAN ACCESS IS NOT ALLOWED WITHIN THE WORK ZONE AND/OR SIDEWALK IS CLOSED.

LEGEND

- XX — SIGNAL HEAD NUMBER
- R — RED CIRCULAR INDICATOR
- Y — YELLOW CIRCULAR INDICATOR
- G — GREEN CIRCULAR INDICATOR
- EY Y — YELLOW ARROW
- EG G — GREEN ARROW
- R — RED ARROW
- WALK/DON'T WALK INDICATOR 16" (COUNTDOWN TIMER)
- X — EVP DESIGNATOR
- EVP DETECTOR HEAD
- WORK AREA
- SPAN WIRE
- SIGNAL HEAD, TRAFFIC SIGNAL STANDARD, PEDESTAL BASE
- B — PEDESTRIAN HEAD WITH PUSH BUTTON
- B — PUSH BUTTON
- TEMPORARY LUMINAIRE
- TEMPORARY BASE
- CLASS IV WOOD POLE

NOTE: ALL LENSES ARE 12-INCH
GRAYSHADE REPRESENTS EXISTING

SUMMARY OF MATERIALS

CLASS IV WOOD POLES	4
4X4 WOOD POSTS	2
TEMPORARY BASES	2
TRAFFIC SIGNAL HEADS	20
PEDESTRIAN SIGNAL HEADS	4
PEDESTRIAN PUSH BUTTONS	4
EVP DETECTOR HEADS	2
GUY WIRES	8
TEMPORARY CONTROLLER CABINET	1
TEMPORARY CONTROLLER	1
ELECTRICAL SERVICE METER	1
BREAKER PEDESTAL	
WATERPROOF SPLICE BOX	1
LUMINARE ARMS	4
LIGHTING (2S0W OR LED-C)	4

WISCONSIN
JOSHUA M. WOLLER
E-42424-6
FITCHBURG
WI
PROFESSIONAL ENGINEER

3-26-2026

TEMPORARY TRAFFIC CONTROL SIGNAL
STH 164 & SWAN RD
VILLAGE OF PEWAUKEE
WAUKESHA COUNTY

SIGNAL NO. T67-0921

REGION CONTACT: J. MURPHY
DESIGNED BY: SEH
REVISED BY:

PAGE 1 OF 3

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC SIGNAL PLAN - TEMPORARY - STAGES 1 & 3	SHEET 169 E

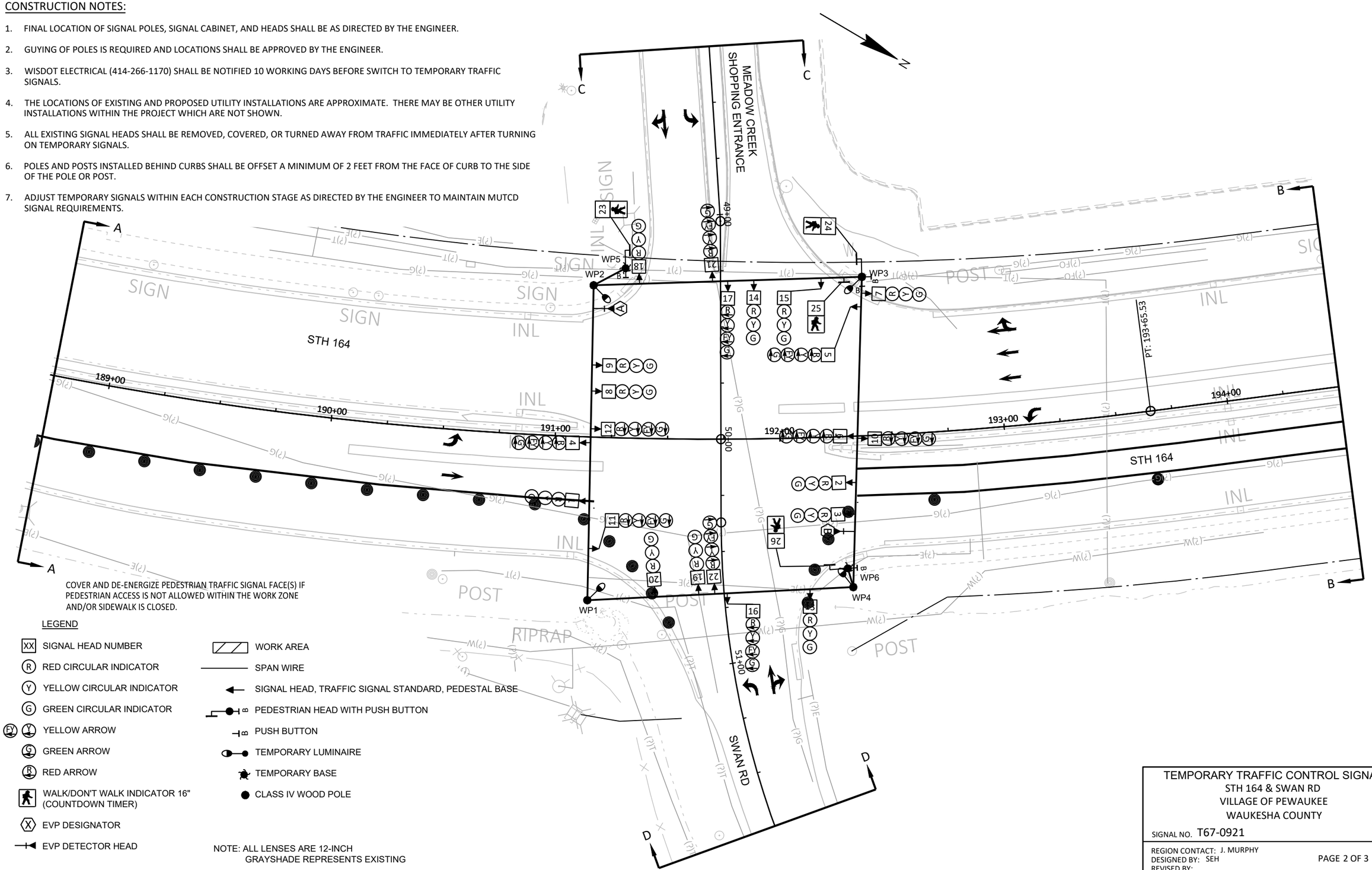
FILE NAME : X:\UZ\W\WITSE\173964\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\SHEET FILES\S67-0921_SWAN_2370-00-05 (TEMPORARY).DWG
LAYOUT NAME - S67-0921_temp_pg1

PLOT DATE : 2/2/2026 7:15 PM PLOT BY : WALE ODUWOLE PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

CONSTRUCTION NOTES:

1. FINAL LOCATION OF SIGNAL POLES, SIGNAL CABINET, AND HEADS SHALL BE AS DIRECTED BY THE ENGINEER.
2. GUYING OF POLES IS REQUIRED AND LOCATIONS SHALL BE APPROVED BY THE ENGINEER.
3. WISDOT ELECTRICAL (414-266-1170) SHALL BE NOTIFIED 10 WORKING DAYS BEFORE SWITCH TO TEMPORARY TRAFFIC SIGNALS.
4. THE LOCATIONS OF EXISTING AND PROPOSED UTILITY INSTALLATIONS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT WHICH ARE NOT SHOWN.
5. ALL EXISTING SIGNAL HEADS SHALL BE REMOVED, COVERED, OR TURNED AWAY FROM TRAFFIC IMMEDIATELY AFTER TURNING ON TEMPORARY SIGNALS.
6. POLES AND POSTS INSTALLED BEHIND CURBS SHALL BE OFFSET A MINIMUM OF 2 FEET FROM THE FACE OF CURB TO THE SIDE OF THE POLE OR POST.
7. ADJUST TEMPORARY SIGNALS WITHIN EACH CONSTRUCTION STAGE AS DIRECTED BY THE ENGINEER TO MAINTAIN MUTCD SIGNAL REQUIREMENTS.



COVER AND DE-ENERGIZE PEDESTRIAN TRAFFIC SIGNAL FACE(S) IF PEDESTRIAN ACCESS IS NOT ALLOWED WITHIN THE WORK ZONE AND/OR SIDEWALK IS CLOSED.

LEGEND

- XX SIGNAL HEAD NUMBER
- R RED CIRCULAR INDICATOR
- Y YELLOW CIRCULAR INDICATOR
- G GREEN CIRCULAR INDICATOR
- FY YELLOW ARROW
- G GREEN ARROW
- R RED ARROW
- WALK/DON'T WALK INDICATOR 16" (COUNTDOWN TIMER)
- X EVP DESIGNATOR
- EVP DETECTOR HEAD
- WORK AREA
- SPAN WIRE
- SIGNAL HEAD, TRAFFIC SIGNAL STANDARD, PEDESTAL BASE
- B PEDESTRIAN HEAD WITH PUSH BUTTON
- B PUSH BUTTON
- TEMPORARY LUMINAIRE
- TEMPORARY BASE
- CLASS IV WOOD POLE

NOTE: ALL LENSES ARE 12-INCH
GRAYSHADE REPRESENTS EXISTING

TEMPORARY TRAFFIC CONTROL SIGNAL
STH 164 & SWAN RD
VILLAGE OF PEWAUKEE
WAUKESHA COUNTY

SIGNAL NO. T67-0921

REGION CONTACT: J. MURPHY
DESIGNED BY: SEH
REVISED BY:

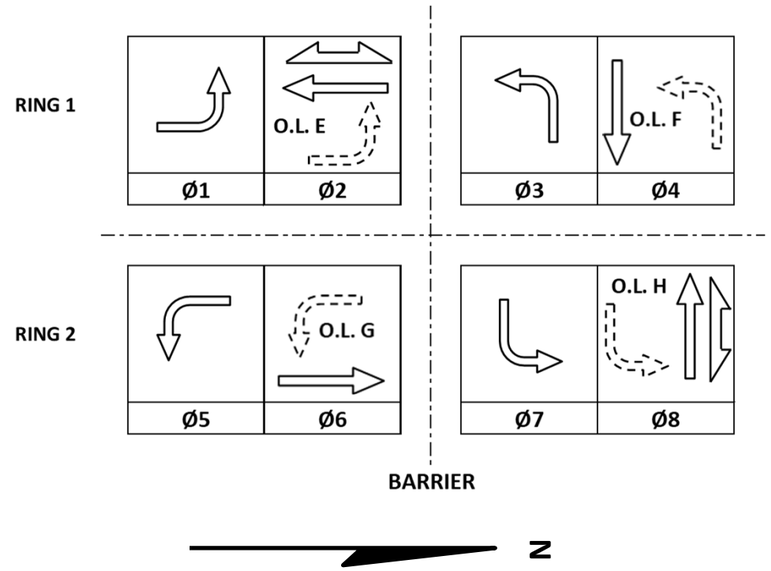
PAGE 2 OF 3

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC SIGNAL PLAN - TEMPORARY - STAGES 2 & 4	SHEET 170	E

FILE NAME : X:\UZ\W\WITSE\173964\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\SHEET FILES\S67-0921_SWAN_2370-00-05 (TEMPORARY)-S2.DWG
LAYOUT NAME - S67-0921_temp_pg2

PLOT DATE : 2/2/2026 7:06 PM PLOT BY : WALE ODUWOLE PLOT NAME : PLOT SCALE : 1 IN:40 FT

	HEAD NUMBERS	FLASH
Ø1	4,5,6	R
Ø2	7,8,9	R
Ø3	16,17	R
Ø4	18,19,20	R
Ø5	10,11,12	R
Ø6	1,2,3	R
Ø7	21,22	R
Ø8	13,14,15	R
Ø2P	23,24	
Ø4P		
Ø6P		
Ø8P	25,16	
OLE	4,5,6	-
OLF	16,17	-
OLG	10,11,12	-
OLH	21,22	-



CONTROLLER LOGIC

PHASE NUMBER	PHASE LOCKING	DUAL ENTRY W / Ø	PHASE RECALL	PHASE ACTIVE
1		6	MAX	X
2		6	MAX	X
3		8	MAX	X
4		8	MAX	X
5		2	MAX	X
6		2	MAX	X
7		4	MAX	X
8		4	MAX	X

EMERGENCY VEHICLE PREEMPTION SEQUENCE

EMERGENCY VEHICLE PREEMPTOR	A	B	C	D
MOVEMENT				
PHASE	2+5	6+1	4+7	8+3

AFTER PREEMPTION SEQUENCE 2+5 OR 6+1, CONTROLLER SHALL RETURN TO PHASES 2+6.
AFTER PREEMPTION SEQUENCE 4+7 OR 8+3, CONTROLLER SHALL RETURN TO PHASES 4+8.

TYPE OF INTERCONNECT/COMMUNICATION	
NONE	
CLOSED LOOP	
TWISTED PAIR	
FIBER OPTIC*	
FIBER OPTIC (ETHERNET)	
RADIO	
CELL MODEM	X

TYPE OF COORDINATION	
NONE	
TBC	X
TRAFFIC RESPONSIVE	
ADAPTIVE	
*LOCATION OF MASTER CONTROLLER NO:	S- 67-0921
SIGNAL SYSTEM NO:	SS-

TYPE OF LIGHTING	
BY OTHER AGENCY	
IN TRAFFIC CABINET	X
IN SEPARATE DOT LIGHTING CABINET	

TYPE OF PRE-EMPT	
NONE	
RAILROAD	
EMERGENCY VEHICLE	X
GTT	
TOMAR	
HARDWIRE	
OTHER	
CONFIRMATION LIGHTS	
LIFT BRIDGE	
QUEUE DETECTION	

GENERAL NOTES:

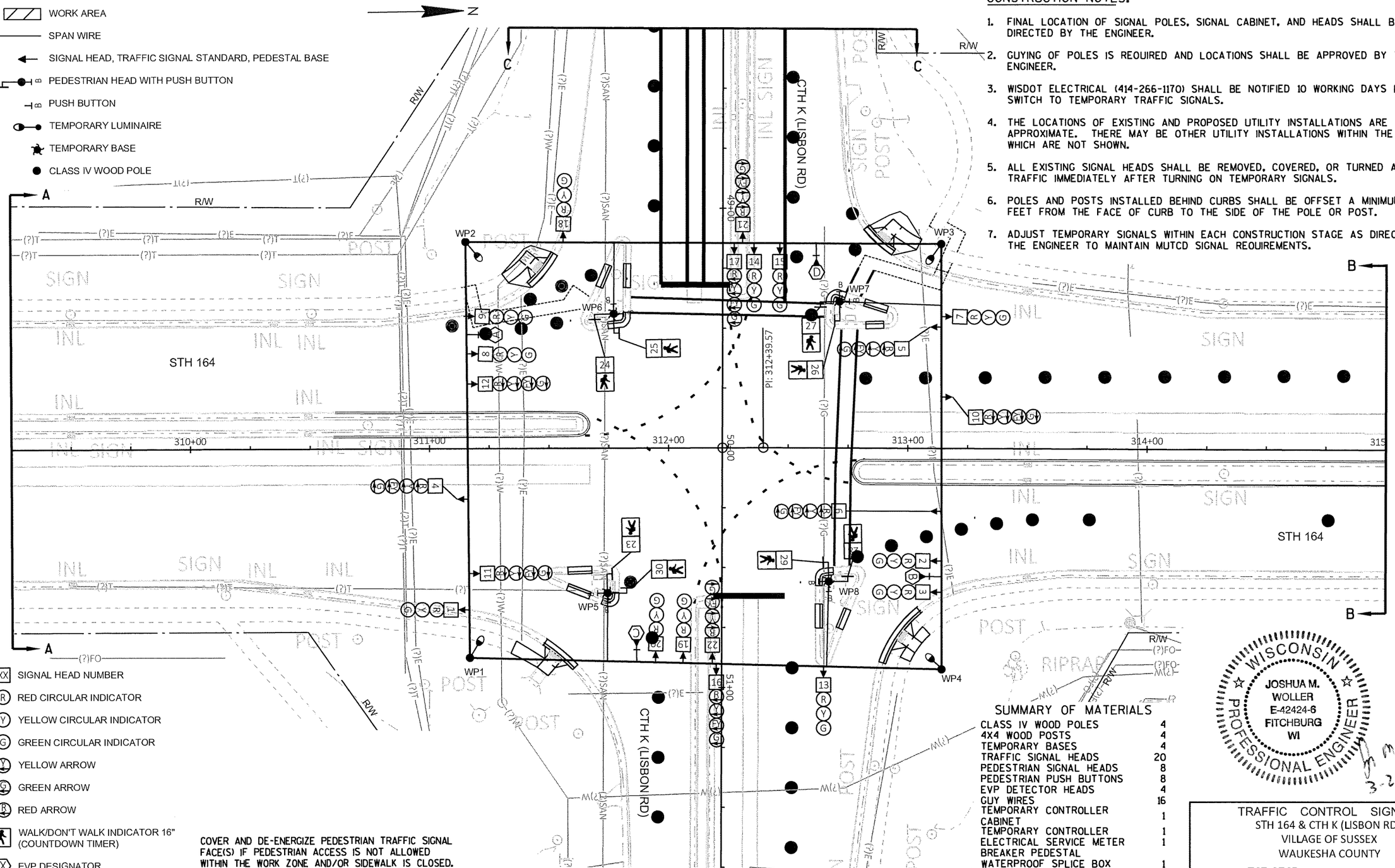
1. WHEN ONE PHASE IS ON ALONE, ANY NON-CONFLICTING PHASE MAY START TIMING CONCURRENTLY WITHOUT A CLEARANCE INTERVAL.

STH 164 & SWAN RD
VILLAGE OF PEWAUKEE
WAUKESHA COUNTY

SIGNAL NO: T67-0921 CABINET TYPE: TEMP
CONTROLLER TYPE: TEMP
DATE: 01/2026 PAGE NO. 3 OF 3

LEGEND

- WORK AREA
- SPAN WIRE
- SIGNAL HEAD, TRAFFIC SIGNAL STANDARD, PEDESTAL BASE
- PEDESTRIAN HEAD WITH PUSH BUTTON
- PUSH BUTTON
- TEMPORARY LUMINAIRE
- TEMPORARY BASE
- CLASS IV WOOD POLE



XX SIGNAL HEAD NUMBER
R RED CIRCULAR INDICATOR
Y YELLOW CIRCULAR INDICATOR
G GREEN CIRCULAR INDICATOR
EY YELLOW ARROW
EG GREEN ARROW
ER RED ARROW
WALK/DON'T WALK INDICATOR 16" (COUNTDOWN TIMER)
X EVP DESIGNATOR
EVP DETECTOR HEAD

COVER AND DE-ENERGIZE PEDESTRIAN TRAFFIC SIGNAL FACE(S) IF PEDESTRIAN ACCESS IS NOT ALLOWED WITHIN THE WORK ZONE AND/OR SIDEWALK IS CLOSED.

NOTE: ALL LENSES ARE 12-INCH
GRAYSHADE REPRESENTS EXISTING

CONSTRUCTION NOTES:

1. FINAL LOCATION OF SIGNAL POLES, SIGNAL CABINET, AND HEADS SHALL BE AS DIRECTED BY THE ENGINEER.
2. GUYING OF POLES IS REQUIRED AND LOCATIONS SHALL BE APPROVED BY THE ENGINEER.
3. WISDOT ELECTRICAL (414-266-1170) SHALL BE NOTIFIED 10 WORKING DAYS BEFORE SWITCH TO TEMPORARY TRAFFIC SIGNALS.
4. THE LOCATIONS OF EXISTING AND PROPOSED UTILITY INSTALLATIONS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT WHICH ARE NOT SHOWN.
5. ALL EXISTING SIGNAL HEADS SHALL BE REMOVED, COVERED, OR TURNED AWAY FROM TRAFFIC IMMEDIATELY AFTER TURNING ON TEMPORARY SIGNALS.
6. POLES AND POSTS INSTALLED BEHIND CURBS SHALL BE OFFSET A MINIMUM OF 2 FEET FROM THE FACE OF CURB TO THE SIDE OF THE POLE OR POST.
7. ADJUST TEMPORARY SIGNALS WITHIN EACH CONSTRUCTION STAGE AS DIRECTED BY THE ENGINEER TO MAINTAIN MUTCD SIGNAL REQUIREMENTS.

SUMMARY OF MATERIALS

CLASS IV WOOD POLES	4
4X4 WOOD POSTS	4
TEMPORARY BASES	4
TRAFFIC SIGNAL HEADS	20
PEDESTRIAN SIGNAL HEADS	8
PEDESTRIAN PUSH BUTTONS	8
EVP DETECTOR HEADS	4
GUY WIRES	16
TEMPORARY CONTROLLER CABINET	1
TEMPORARY CONTROLLER	1
ELECTRICAL SERVICE METER	1
BREAKER PEDESTAL	1
WATERPROOF SPLICE BOX	1
LUMINARE ARMS	4
LIGHTING (250W OR LED-C)	4

WISCONSIN
JOSHUA M. WOLLER
E-42424-6
FITCHBURG
WI
PROFESSIONAL ENGINEER

3-26-2026

TRAFFIC CONTROL SIGNAL
STH 164 & CTH K (LISBON RD)
VILLAGE OF SUSSEX
WAUKESHA COUNTY

SIGNAL NO. T67-0765

REGION CONTACT: J. MURPHY
DESIGNED BY: SEH
REVISED BY:

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC SIGNAL PLAN - TEMPORARY - STAGES 1 & 3	SHEET 172 E

FILE NAME : X:\UZ\W\WITSE\173964\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\SHEET FILES\S67-0765_CTHK-LISBON_2370-00-05 (TEMPORARY).DWG
LAYOUT NAME - S67-0765_temp_pg1
PLOT DATE : 2/2/2026 7:23 PM
PLOT BY : WALE ODUWOLE
PLOT NAME :
PLOT SCALE : 1 IN:40 FT

2

LEGEND

- WORK AREA
- SPAN WIRE
- SIGNAL HEAD, TRAFFIC SIGNAL STANDARD, PEDESTAL BASE
- PEDESTRIAN HEAD WITH PUSH BUTTON
- PUSH BUTTON
- TEMPORARY LUMINAIRE
- TEMPORARY BASE
- CLASS IV WOOD POLE

CONSTRUCTION NOTES:

1. FINAL LOCATION OF SIGNAL POLES, SIGNAL CABINET, AND HEADS SHALL BE AS DIRECTED BY THE ENGINEER.
2. GUYING OF POLES IS REQUIRED AND LOCATIONS SHALL BE APPROVED BY THE ENGINEER.
3. WISDOT ELECTRICAL (414-266-1170) SHALL BE NOTIFIED 10 WORKING DAYS BEFORE SWITCH TO TEMPORARY TRAFFIC SIGNALS.
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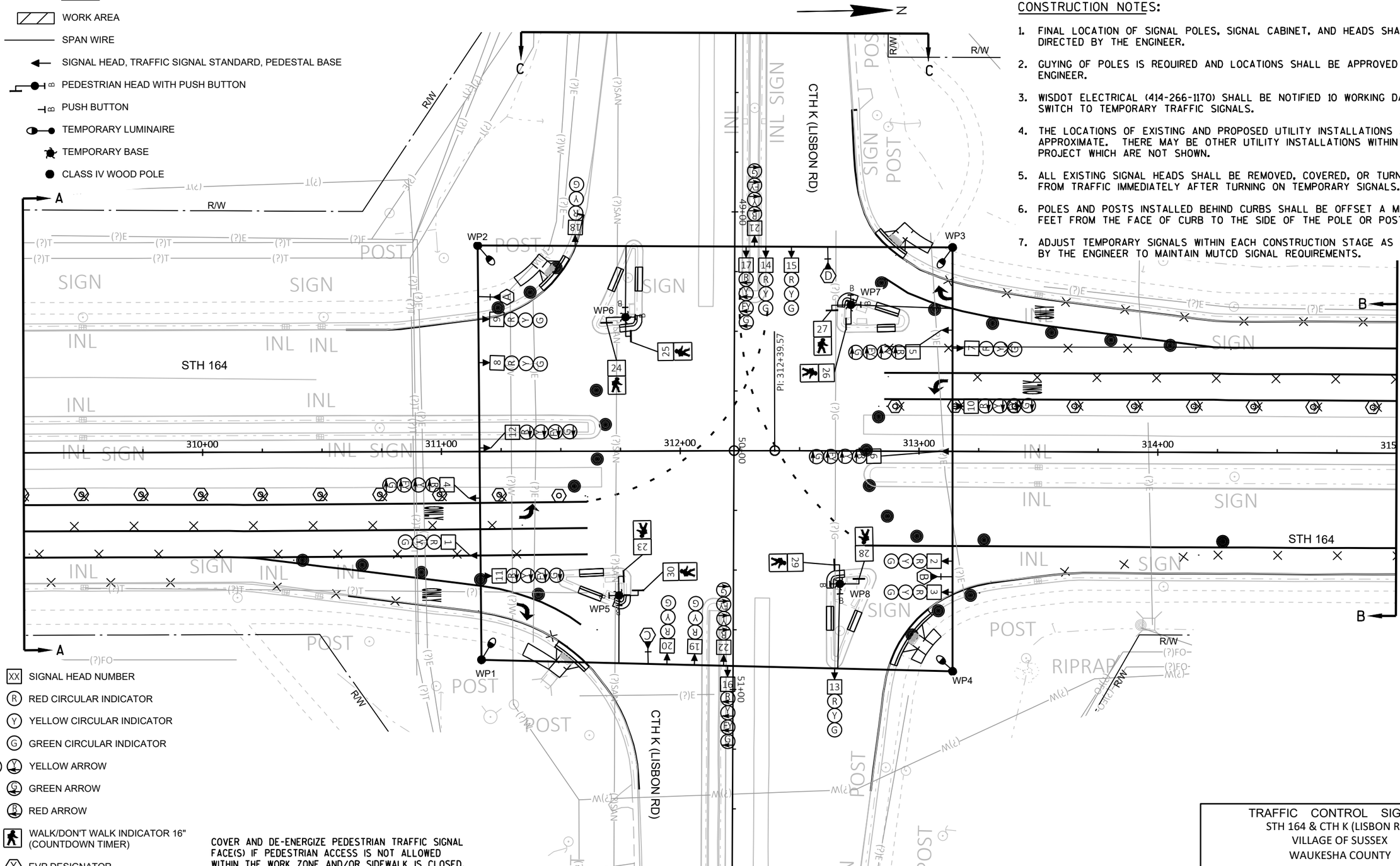
5. ALL EXISTING SIGNAL HEADS SHALL BE REMOVED, COVERED, OR TURNED AWAY FROM TRAFFIC IMMEDIATELY AFTER TURNING ON TEMPORARY SIGNALS.
6. POLES AND POSTS INSTALLED BEHIND CURBS SHALL BE OFFSET A MINIMUM OF 2 FEET FROM THE FACE OF CURB TO THE SIDE OF THE POLE OR POST.
7. ADJUST TEMPORARY SIGNALS WITHIN EACH CONSTRUCTION STAGE AS DIRECTED BY THE ENGINEER TO MAINTAIN MUTCD SIGNAL REQUIREMENTS.



- XX SIGNAL HEAD NUMBER
- R RED CIRCULAR INDICATOR
- Y YELLOW CIRCULAR INDICATOR
- G GREEN CIRCULAR INDICATOR
- FY YELLOW ARROW
- FG GREEN ARROW
- FR RED ARROW
- WALK/DON'T WALK INDICATOR 16" (COUNTDOWN TIMER)
- X EVP DESIGNATOR
- EVP DETECTOR HEAD

COVER AND DE-ENERGIZE PEDESTRIAN TRAFFIC SIGNAL FACE(S) IF PEDESTRIAN ACCESS IS NOT ALLOWED WITHIN THE WORK ZONE AND/OR SIDEWALK IS CLOSED.

NOTE: ALL LENSES ARE 12-INCH
GRAYSHADE REPRESENTS EXISTING

TRAFFIC CONTROL SIGNAL
STH 164 & CTH K (LISBON RD)
VILLAGE OF SUSSEX
WAUKESHA COUNTY

SIGNAL NO. T67-0765

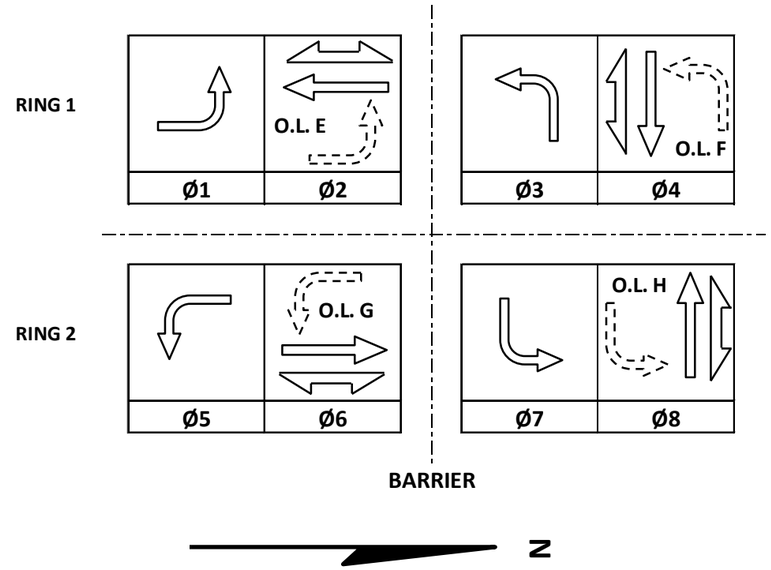
REGION CONTACT: J. MURPHY
DESIGNED BY: SEH
REVISED BY:

PAGE 2 OF 3

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC SIGNAL PLAN - TEMPORARY - STAGES 2 & 4	SHEET 173	E

FILE NAME : X:\UZ\W\WITSE\173964\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\SHEET FILES\S67-0765_CTHK-LISBON_2370-00-05 (TEMPORARY)-S2.DWG
LAYOUT NAME - S67-0765_temp_pg2
PLOT DATE : 2/2/2026 7:01 PM
PLOT BY : WALE ODUWOLE
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

	HEAD NUMBERS	FLASH
Ø1	4,5,6	R
Ø2	7,8,9	R
Ø3	16,17	R
Ø4	18,19,20	R
Ø5	10,11,12	R
Ø6	1,2,3	R
Ø7	21,22	R
Ø8	13,14,15	R
Ø2P	25,26	
Ø4P	23,24	
Ø6P	29,30	
Ø8P	27,28	
OLE	4,5,6	-
OLF	16,17	-
OLG	10,11,12	-
OLH	21,22	-



CONTROLLER LOGIC

PHASE NUMBER	PHASE LOCKING	DUAL ENTRY W / Ø	PHASE RECALL	PHASE ACTIVE
1		6	MAX	X
2		6	MAX	X
3		8	MAX	X
4		8	MAX	X
5		2	MAX	X
6		2	MAX	X
7		4	MAX	X
8		4	MAX	X

EMERGENCY VEHICLE PREEMPTION SEQUENCE

EMERGENCY VEHICLE PREEMPTOR	A	B	C	D
MOVEMENT				
PHASE	2+5	6+1	4+7	8+3

AFTER PREEMPTION SEQUENCE 2+5 OR 6+1, CONTROLLER SHALL RETURN TO PHASES 2+6.
AFTER PREEMPTION SEQUENCE 4+7 OR 8+3, CONTROLLER SHALL RETURN TO PHASES 4+8.

TYPE OF INTERCONNECT/COMMUNICATION	
NONE	
CLOSED LOOP	
TWISTED PAIR	
FIBER OPTIC*	
FIBER OPTIC (ETHERNET)	
RADIO	
CELL MODEM	X

TYPE OF COORDINATION	
NONE	
TBC	X
TRAFFIC RESPONSIVE	
ADAPTIVE	
*LOCATION OF MASTER CONTROLLER NO:	S-
SIGNAL SYSTEM NO:	SS-

TYPE OF LIGHTING	
BY OTHER AGENCY	
IN TRAFFIC CABINET	X
IN SEPARATE DOT LIGHTING CABINET	

TYPE OF PRE-EMPT	
NONE	
RAILROAD	
EMERGENCY VEHICLE	X
GTT	
TOMAR	
HARDWIRE	
OTHER	
CONFIRMATION LIGHTS	
LIFT BRIDGE	
QUEUE DETECTION	

GENERAL NOTES:

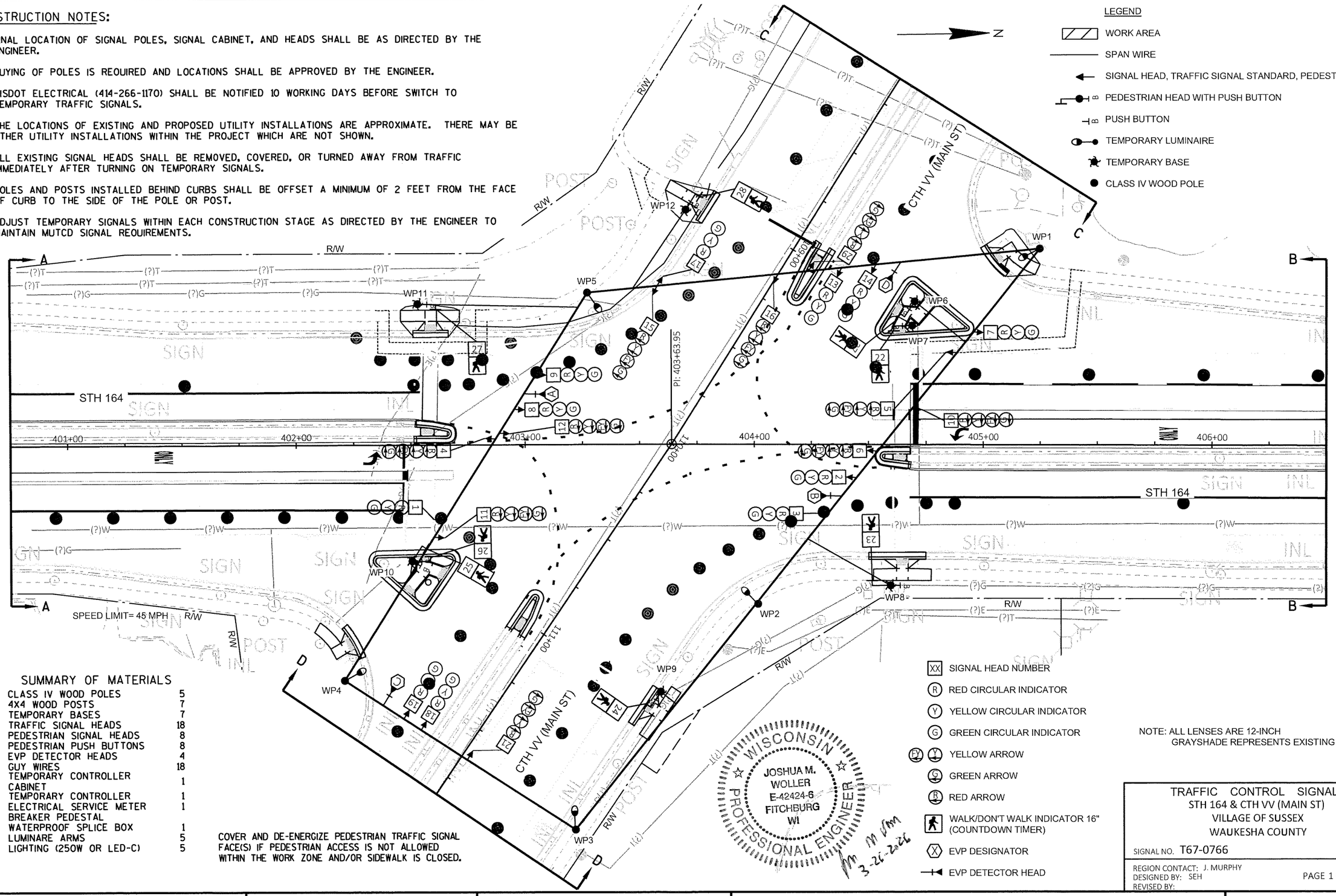
1. WHEN ONE PHASE IS ON ALONE, ANY NON-CONFLICTING PHASE MAY START TIMING CONCURRENTLY WITHOUT A CLEARANCE INTERVAL.

STH 164 & CTH K (LISBON RD)
VILAGE OF SUSSEX
WAUKESHA COUNTY

SIGNAL NO: T67-0765 CABINET TYPE: TEMP
CONTROLLER TYPE: TEMP
DATE: 01/2026 PAGE NO. 3 OF 3

CONSTRUCTION NOTES:

1. FINAL LOCATION OF SIGNAL POLES, SIGNAL CABINET, AND HEADS SHALL BE AS DIRECTED BY THE ENGINEER.
2. GUYING OF POLES IS REQUIRED AND LOCATIONS SHALL BE APPROVED BY THE ENGINEER.
3. WISDOT ELECTRICAL (414-266-1170) SHALL BE NOTIFIED 10 WORKING DAYS BEFORE SWITCH TO TEMPORARY TRAFFIC SIGNALS.
4. THE LOCATIONS OF EXISTING AND PROPOSED UTILITY INSTALLATIONS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT WHICH ARE NOT SHOWN.
5. ALL EXISTING SIGNAL HEADS SHALL BE REMOVED, COVERED, OR TURNED AWAY FROM TRAFFIC IMMEDIATELY AFTER TURNING ON TEMPORARY SIGNALS.
6. POLES AND POSTS INSTALLED BEHIND CURBS SHALL BE OFFSET A MINIMUM OF 2 FEET FROM THE FACE OF CURB TO THE SIDE OF THE POLE OR POST.
7. ADJUST TEMPORARY SIGNALS WITHIN EACH CONSTRUCTION STAGE AS DIRECTED BY THE ENGINEER TO MAINTAIN MUTCD SIGNAL REQUIREMENTS.



SUMMARY OF MATERIALS

CLASS IV WOOD POLES	5
4X4 WOOD POSTS	7
TEMPORARY BASES	7
TRAFFIC SIGNAL HEADS	18
PEDESTRIAN SIGNAL HEADS	8
PEDESTRIAN PUSH BUTTONS	8
EVP DETECTOR HEADS	4
GUY WIRES	18
TEMPORARY CONTROLLER CABINET	1
TEMPORARY CONTROLLER	1
ELECTRICAL SERVICE METER BREAKER PEDESTAL	1
WATERPROOF SPLICE BOX	1
LUMINARE ARMS	5
LIGHTING (250W OR LED-C)	5

COVER AND DE-ENERGIZE PEDESTRIAN TRAFFIC SIGNAL FACE(S) IF PEDESTRIAN ACCESS IS NOT ALLOWED WITHIN THE WORK ZONE AND/OR SIDEWALK IS CLOSED.

- XX SIGNAL HEAD NUMBER
- R RED CIRCULAR INDICATOR
- Y YELLOW CIRCULAR INDICATOR
- G GREEN CIRCULAR INDICATOR
- EY YELLOW ARROW
- EG GREEN ARROW
- R RED ARROW
- WALK/DON'T WALK INDICATOR 16" (COUNTDOWN TIMER)
- X EVP DESIGNATOR
- EVP DETECTOR HEAD

NOTE: ALL LENSES ARE 12-INCH GRAYSHADE REPRESENTS EXISTING

WISCONSIN
JOSHUA M. WOLLER
E-42424-6
FITCHBURG
WI
PROFESSIONAL ENGINEER
3-26-2026

TRAFFIC CONTROL SIGNAL
STH 164 & CTH VV (MAIN ST)
VILLAGE OF SUSSEX
WAUKESHA COUNTY

SIGNAL NO. T67-0766

REGION CONTACT: J. MURPHY
DESIGNED BY: SEH
REVISED BY:

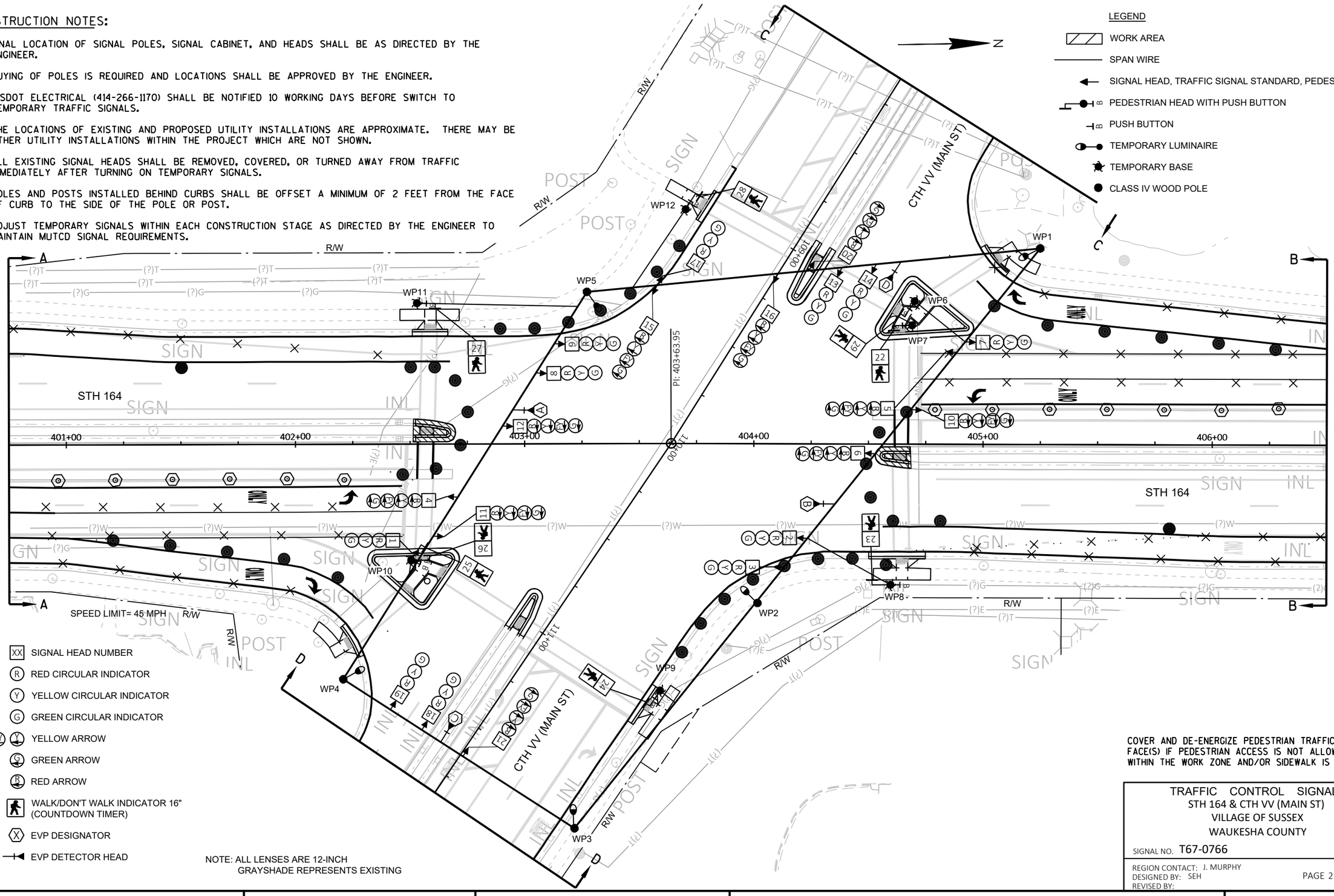
PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC SIGNAL PLAN - TEMPORARY - STAGES 1 & 3	SHEET 175 E

FILE NAME : X:\UZ\W\WITSE\173964\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\SHEET FILES\S67-0766_CTHVV-SILVERSPRING_2370-00-05 (TEMPORARY).DWG
LAYOUT NAME - S67-0766_temp_pg1
PLOT DATE : 2/2/2026 7:02 PM
PLOT BY : WALE ODUWOLE
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

CONSTRUCTION NOTES:

1. FINAL LOCATION OF SIGNAL POLES, SIGNAL CABINET, AND HEADS SHALL BE AS DIRECTED BY THE ENGINEER.
2. GUYING OF POLES IS REQUIRED AND LOCATIONS SHALL BE APPROVED BY THE ENGINEER.
3. WISDOT ELECTRICAL (414-266-1170) SHALL BE NOTIFIED 10 WORKING DAYS BEFORE SWITCH TO TEMPORARY TRAFFIC SIGNALS.
4. THE LOCATIONS OF EXISTING AND PROPOSED UTILITY INSTALLATIONS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT WHICH ARE NOT SHOWN.
5. ALL EXISTING SIGNAL HEADS SHALL BE REMOVED, COVERED, OR TURNED AWAY FROM TRAFFIC IMMEDIATELY AFTER TURNING ON TEMPORARY SIGNALS.
6. POLES AND POSTS INSTALLED BEHIND CURBS SHALL BE OFFSET A MINIMUM OF 2 FEET FROM THE FACE OF CURB TO THE SIDE OF THE POLE OR POST.
7. ADJUST TEMPORARY SIGNALS WITHIN EACH CONSTRUCTION STAGE AS DIRECTED BY THE ENGINEER TO MAINTAIN MUTCD SIGNAL REQUIREMENTS.



COVER AND DE-ENERGIZE PEDESTRIAN TRAFFIC SIGNAL FACE(S) IF PEDESTRIAN ACCESS IS NOT ALLOWED WITHIN THE WORK ZONE AND/OR SIDEWALK IS CLOSED.

TRAFFIC CONTROL SIGNAL
STH 164 & CTH VV (MAIN ST)
VILLAGE OF SUSSEX
WAUKESHA COUNTY

SIGNAL NO. T67-0766

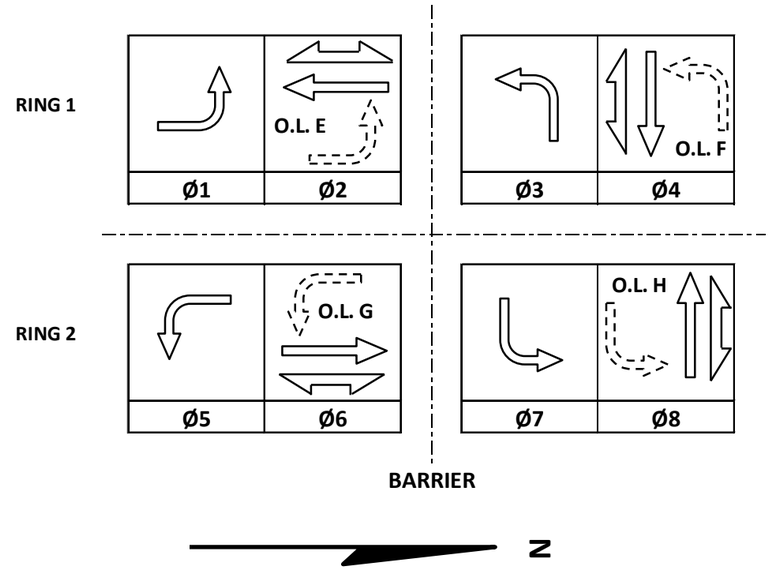
REGION CONTACT: J. MURPHY
DESIGNED BY: SEH
REVISED BY:

PAGE 2 OF 3

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC SIGNAL PLAN - TEMPORARY - STAGES 2 & 4	SHEET 176	E

FILE NAME : X:\UZ\W\WITSE\173964\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\SHEET FILES\S67-0766_CTHVV-SILVERSPRING_2370-00-05 (TEMPORARY)-S2.DWG
LAYOUT NAME - S67-0766_temp_pg2
PLOT DATE : 2/2/2026 6:57 PM PLOT BY : WALE ODUWOLE PLOT NAME : PLOT SCALE : 1 IN:40 FT

	HEAD NUMBERS	FLASH
Ø1	4,5,6	R
Ø2	7,8,9	R
Ø3	15,16	R
Ø4	17,18,19	R
Ø5	10,11,12	R
Ø6	1,2,3	R
Ø7	20,21	R
Ø8	13,14	R
Ø2P	28,30	
Ø4P	26,27	
Ø6P	24,25	
Ø8P	22,23	
OLE	4,5,6	-
OLF	15,16	-
OLG	10,11,12	-
OLH	17,18	-



CONTROLLER LOGIC

PHASE NUMBER	PHASE LOCKING	DUAL ENTRY W / Ø	PHASE RECALL	PHASE ACTIVE
1		6	MAX	X
2		6	MAX	X
3		8	MAX	X
4		8	MAX	X
5		2	MAX	X
6		2	MAX	X
7		4	MAX	X
8		4	MAX	X

EMERGENCY VEHICLE PREEMPTION SEQUENCE

EMERGENCY VEHICLE PREEMPTOR	A	B	C	D
MOVEMENT				
PHASE	2+5	6+1	4+7	8+3

AFTER PREEMPTION SEQUENCE 2+5 OR 6+1, CONTROLLER SHALL RETURN TO PHASES 2+6.
AFTER PREEMPTION SEQUENCE 4+7 OR 8+3, CONTROLLER SHALL RETURN TO PHASES 4+8.

TYPE OF INTERCONNECT/COMMUNICATION	
NONE	
CLOSED LOOP	
TWISTED PAIR	
FIBER OPTIC*	
FIBER OPTIC (ETHERNET)	
RADIO	
CELL MODEM	X

TYPE OF COORDINATION	
NONE	
TBC	X
TRAFFIC RESPONSIVE	
ADAPTIVE	
*LOCATION OF MASTER CONTROLLER NO: S-	
SIGNAL SYSTEM NO: SS-	

TYPE OF LIGHTING	
BY OTHER AGENCY	
IN TRAFFIC CABINET	X
IN SEPARATE DOT LIGHTING CABINET	

TYPE OF PRE-EMPT	
NONE	
RAILROAD	
EMERGENCY VEHICLE	X
GTT	
TOMAR	
HARDWIRE	
OTHER	
CONFIRMATION LIGHTS	
LIFT BRIDGE	
QUEUE DETECTION	

GENERAL NOTES:

1. WHEN ONE PHASE IS ON ALONE, ANY NON-CONFLICTING PHASE MAY START TIMING CONCURRENTLY WITHOUT A CLEARANCE INTERVAL.

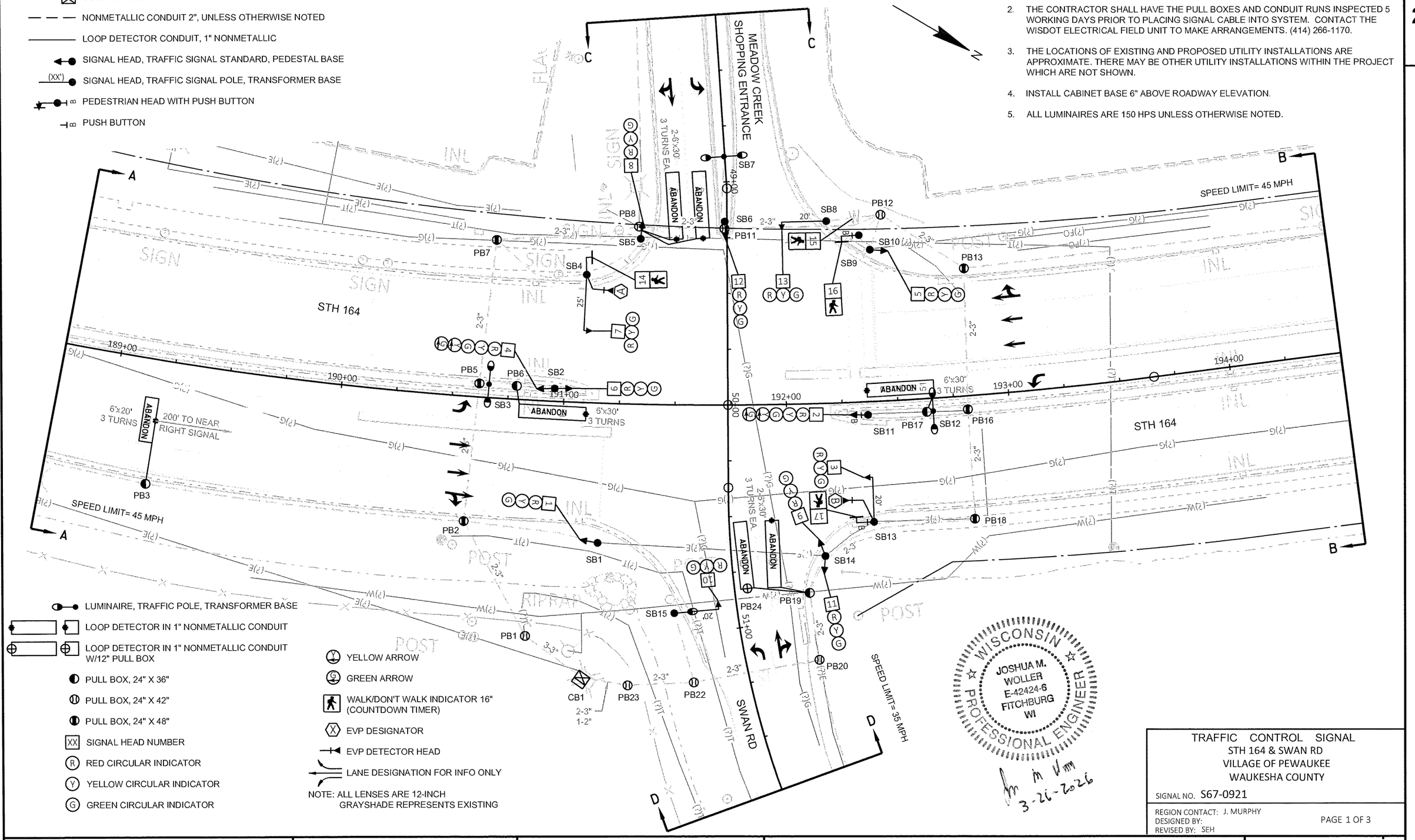
STH 164 & CTH VV (MAIN ST)
VILLAGE OF SUSSEX
WAUKESHA COUNTY
SIGNAL NO: T67-0766 CABINET TYPE: TEMP
CONTROLLER TYPE: TEMP
DATE: 01/2026 PAGE NO. 3 OF 3

LEGEND

- CONTROL CABINET
- NONMETALLIC CONDUIT 2", UNLESS OTHERWISE NOTED
- LOOP DETECTOR CONDUIT, 1" NONMETALLIC
- SIGNAL HEAD, TRAFFIC SIGNAL STANDARD, PEDESTAL BASE
- (XX') SIGNAL HEAD, TRAFFIC SIGNAL POLE, TRANSFORMER BASE
- PEDESTRIAN HEAD WITH PUSH BUTTON
- PUSH BUTTON

CONSTRUCTION NOTES:

1. * LOCATION IS TO FRONT CENTER OF DETECTOR LOOP.
2. THE CONTRACTOR SHALL HAVE THE PULL BOXES AND CONDUIT RUNS INSPECTED 5 WORKING DAYS PRIOR TO PLACING SIGNAL CABLE INTO SYSTEM. CONTACT THE WISDOT ELECTRICAL FIELD UNIT TO MAKE ARRANGEMENTS. (414) 266-1170.
3. THE LOCATIONS OF EXISTING AND PROPOSED UTILITY INSTALLATIONS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT WHICH ARE NOT SHOWN.
4. INSTALL CABINET BASE 6" ABOVE ROADWAY ELEVATION.
5. ALL LUMINAIRES ARE 150 HPS UNLESS OTHERWISE NOTED.



LUMINAIRE, TRAFFIC POLE, TRANSFORMER BASE

LOOP DETECTOR IN 1" NONMETALLIC CONDUIT

LOOP DETECTOR IN 1" NONMETALLIC CONDUIT W/12" PULL BOX

PULL BOX, 24" X 36"

PULL BOX, 24" X 42"

PULL BOX, 24" X 48"

XX SIGNAL HEAD NUMBER

R RED CIRCULAR INDICATOR

Y YELLOW CIRCULAR INDICATOR

G GREEN CIRCULAR INDICATOR

YELLOW ARROW

GREEN ARROW

WALK/DON'T WALK INDICATOR 16" (COUNTDOWN TIMER)

X EVP DESIGNATOR

EVP DETECTOR HEAD

LANE DESIGNATION FOR INFO ONLY

NOTE: ALL LENSES ARE 12-INCH GRAYSHADE REPRESENTS EXISTING

WISCONSIN
JOSHUA M. WOLLER
E-42424-6
FITCHBURG
WI
PROFESSIONAL ENGINEER

3-26-2026

TRAFFIC CONTROL SIGNAL
STH 164 & SWAN RD
VILLAGE OF PEWAUKEE
WAUKESHA COUNTY

SIGNAL NO. S67-0921

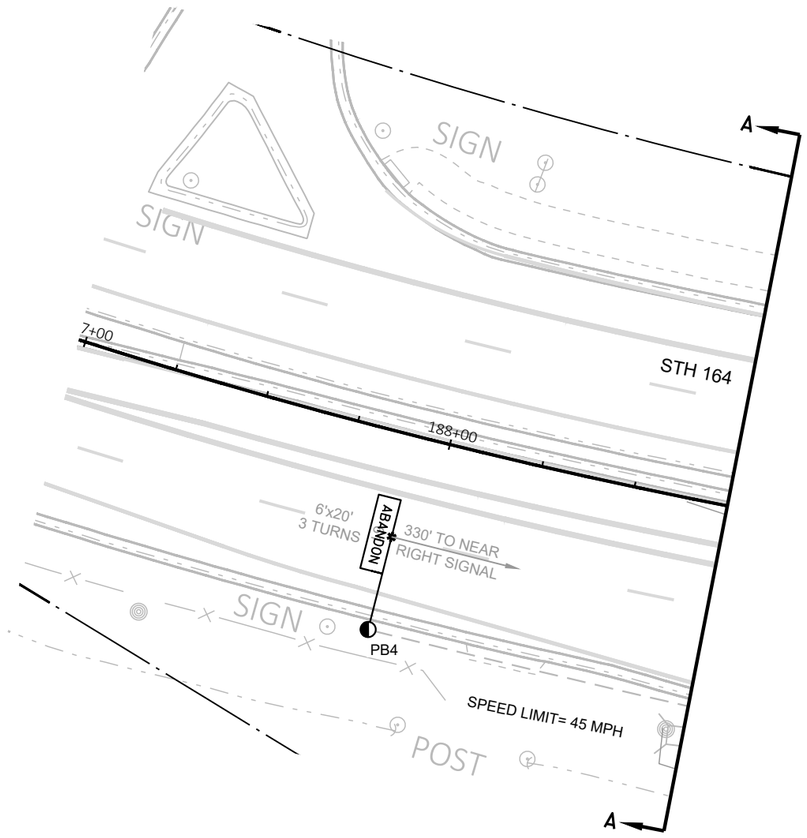
REGION CONTACT: J. MURPHY
DESIGNED BY:
REVISED BY: SEH

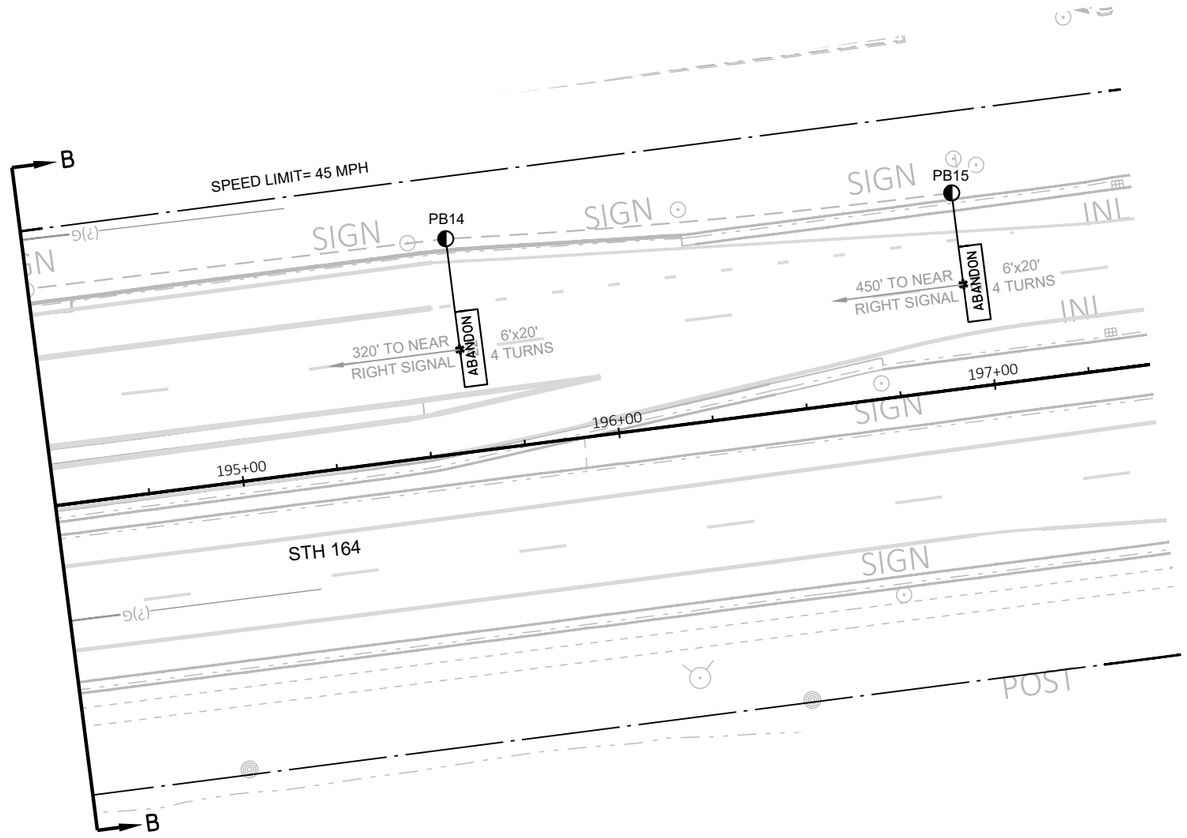
PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC SIGNAL PLAN - REMOVALS	SHEET 178 E

FILE NAME : X:\UZ\W\WITSE\173964\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\SHEET FILES\S67-0921_EX_SWAN_2370-00-05.DWG
LAYOUT NAME - S67-0921_ex_pg1

PLOT DATE : 3/26/2026 12:57 PM PLOT BY : GARY ELLIAS PLOT NAME : PLOT SCALE : 1 IN:40 FT

2





TRAFFIC CONTROL SIGNAL
STH 164 & SWAN RD
VILLAGE OF PEWAUKEE
WAUKESHA COUNTY

SIGNAL NO. S67-0921

REGION CONTACT: J. MURPHY
DESIGNED BY:
REVISED BY: SEH

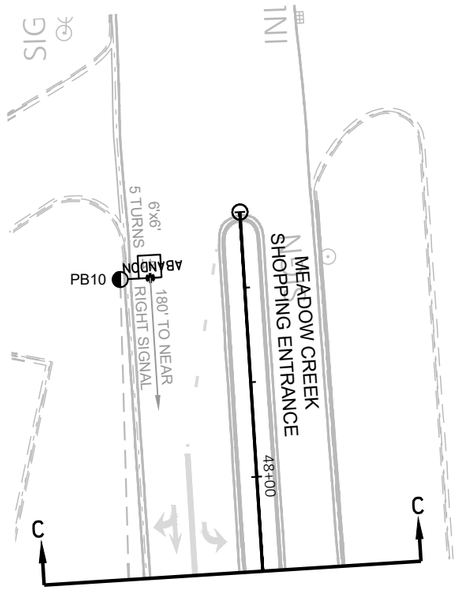
PAGE 2 OF 3

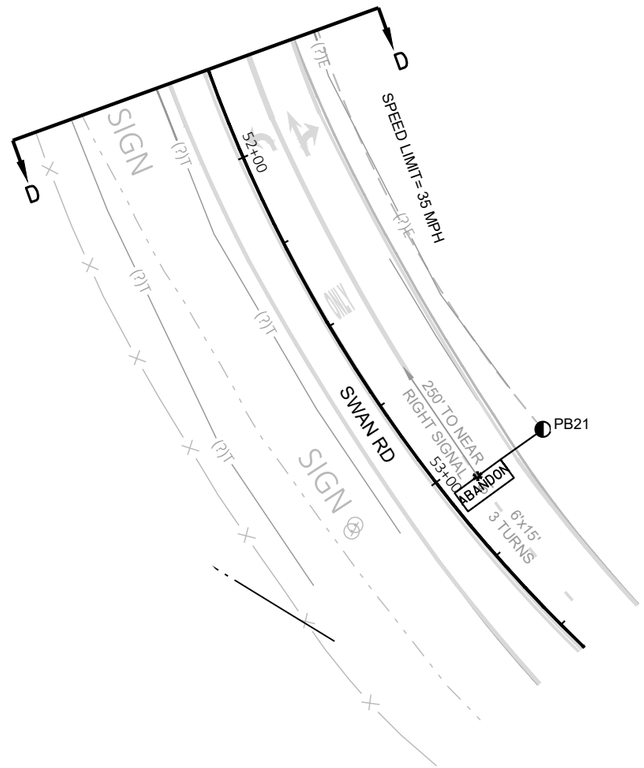
PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC SIGNAL PLAN - REMOVALS	SHEET 179	E

FILE NAME : X:\UZ\W\WITSE\173964\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\SHEET FILES\S67-0921_EX_SWAN_2370-00-05.DWG
LAYOUT NAME - S67-0921_ex_pg2

PLOT DATE : 3/26/2026 12:57 PM PLOT BY : GARY ELLIAS PLOT NAME : PLOT SCALE : 1 IN:40 FT

2





TRAFFIC CONTROL SIGNAL
STH 164 & SWAN RD
VILLAGE OF PEWAUKEE
WAUKESHA COUNTY

SIGNAL NO. S67-0921

REGION CONTACT: J. MURPHY
DESIGNED BY:
REVISED BY: SEH

PAGE 3 OF 3

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC SIGNAL PLAN - REMOVALS	SHEET 180	E

FILE NAME : X:\UZ\W\WITSE\173964\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\SHEET FILES\S67-0921_EX_SWAN_2370-00-05.DWG
LAYOUT NAME - S67-0921_ex_pg3

PLOT DATE : 3/26/2026 12:58 PM PLOT BY : GARY ELLIAS PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

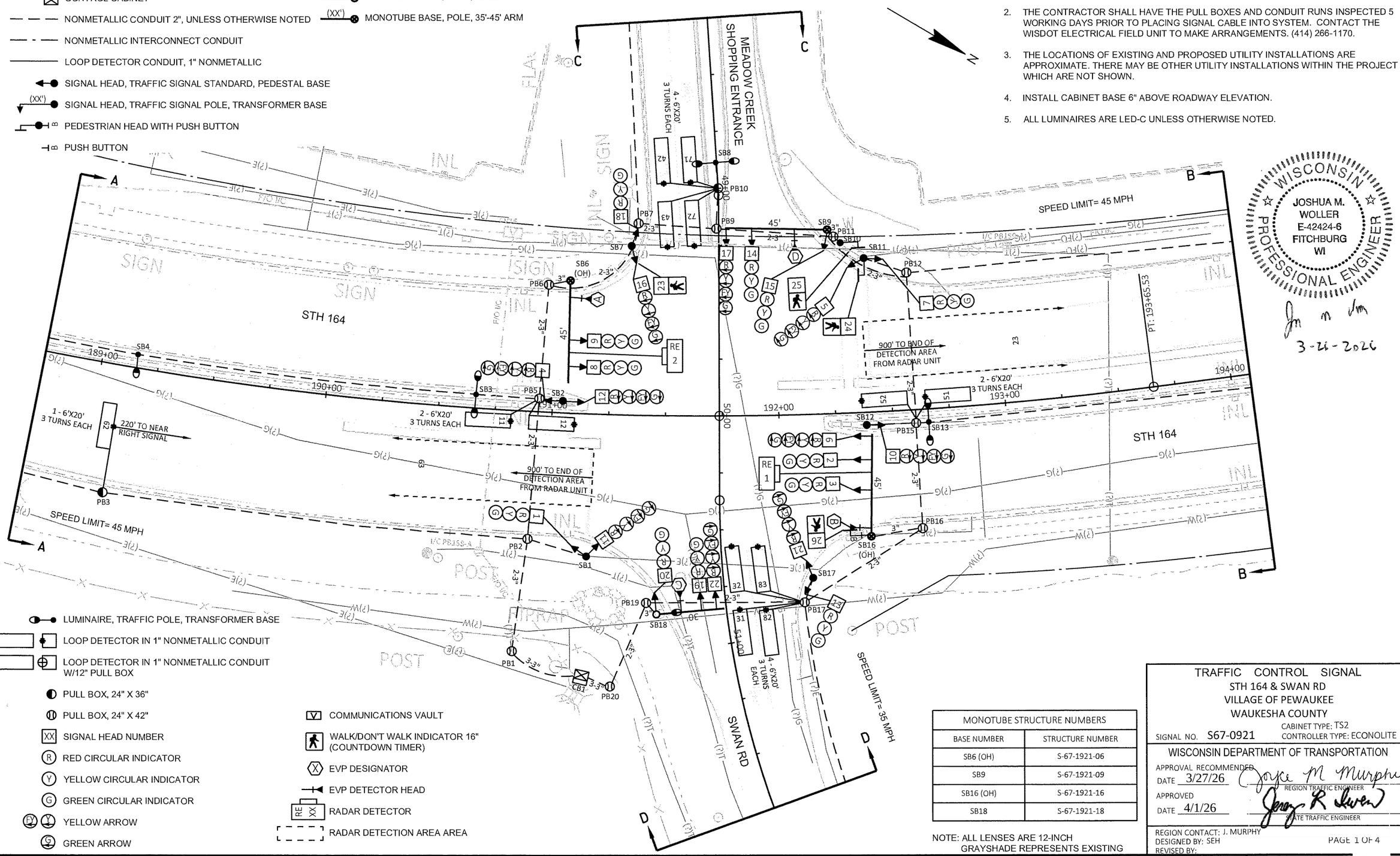
2

LEGEND

- CONTROL CABINET
- NONMETALLIC CONDUIT 2", UNLESS OTHERWISE NOTED
- NONMETALLIC INTERCONNECT CONDUIT
- LOOP DETECTOR CONDUIT, 1" NONMETALLIC
- SIGNAL HEAD, TRAFFIC SIGNAL STANDARD, PEDESTAL BASE
- (XX') SIGNAL HEAD, TRAFFIC SIGNAL POLE, TRANSFORMER BASE
- PEDESTRIAN HEAD WITH PUSH BUTTON
- PUSH BUTTON
- (XX') MONOTUBE BASE, POLE, 15'-30' ARM
- (XX') MONOTUBE BASE, POLE, 35'-45' ARM

CONSTRUCTION NOTES:

1. * LOCATION IS TO FRONT CENTER OF DETECTOR LOOP.
2. THE CONTRACTOR SHALL HAVE THE PULL BOXES AND CONDUIT RUNS INSPECTED 5 WORKING DAYS PRIOR TO PLACING SIGNAL CABLE INTO SYSTEM. CONTACT THE WISDOT ELECTRICAL FIELD UNIT TO MAKE ARRANGEMENTS. (414) 266-1170.
3. THE LOCATIONS OF EXISTING AND PROPOSED UTILITY INSTALLATIONS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT WHICH ARE NOT SHOWN.
4. INSTALL CABINET BASE 6" ABOVE ROADWAY ELEVATION.
5. ALL LUMINAIRES ARE LED-C UNLESS OTHERWISE NOTED.



LUMINAIRE, TRAFFIC POLE, TRANSFORMER BASE
LOOP DETECTOR IN 1" NONMETALLIC CONDUIT
LOOP DETECTOR IN 1" NONMETALLIC CONDUIT W/12" PULL BOX
PULL BOX, 24" X 36"
PULL BOX, 24" X 42"
XX SIGNAL HEAD NUMBER
R RED CIRCULAR INDICATOR
Y YELLOW CIRCULAR INDICATOR
G GREEN CIRCULAR INDICATOR
FY YELLOW ARROW
FG GREEN ARROW
COMMUNICATIONS VAULT
WALK/DON'T WALK INDICATOR 16" (COUNTDOWN TIMER)
X EVP DESIGNATOR
EVP DETECTOR HEAD
RE XX RADAR DETECTOR
RADAR DETECTION AREA AREA

MONOTUBE STRUCTURE NUMBERS	
BASE NUMBER	STRUCTURE NUMBER
SB6 (OH)	S-67-1921-06
SB9	S-67-1921-09
SB16 (OH)	S-67-1921-16
SB18	S-67-1921-18

NOTE: ALL LENSES ARE 12-INCH
GRAYSHADE REPRESENTS EXISTING

WISCONSIN PROFESSIONAL ENGINEER
JOSHUA M. WOLLER
E-42424-6
FITCHBURG
WI
3-26-2026

TRAFFIC CONTROL SIGNAL
STH 164 & SWAN RD
VILLAGE OF PEWAUKEE
WAUKESHA COUNTY
SIGNAL NO. S67-0921
CABINET TYPE: TS2
CONTROLLER TYPE: ECONOLITE

WISCONSIN DEPARTMENT OF TRANSPORTATION
APPROVAL RECOMMENDED
DATE 3/27/26 Joyce M Murphy
REGION TRAFFIC ENGINEER
APPROVED
DATE 4/1/26 Jason R Luwen
STATE TRAFFIC ENGINEER
REGION CONTACT: J. MURPHY
DESIGNED BY: SEH
REVISED BY:

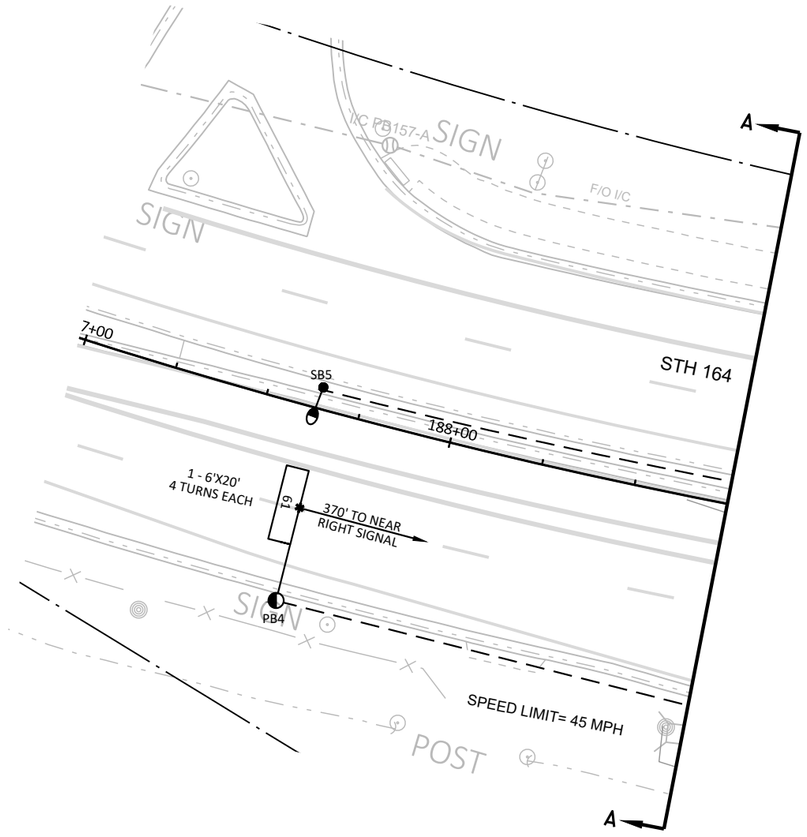
3/27/26

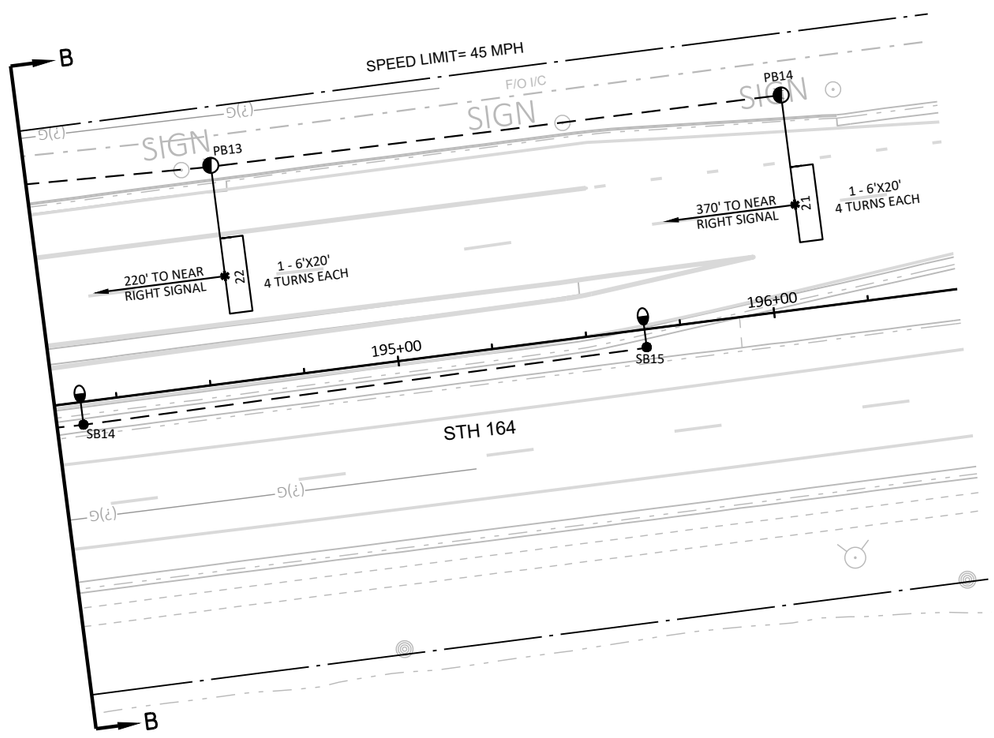
PAGE 1 OF 4

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC SIGNAL PLAN	SHEET 181 E

FILE NAME : X:\UZ\W\WITSE\173964\S-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\SHEET FILES\S67-0921_SWAN_2370-00-05 (PROPOSED).DWG
LAYOUT NAME - S67-0921_prop_pg1
PLOT DATE : 3/6/2026 2:39 PM
PLOT BY : WALE ODUWOLE
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2





TRAFFIC CONTROL SIGNAL
STH 164 & SWAN RD
VILLAGE OF PEWAUKEE
WAUKESHA COUNTY

SIGNAL NO. S67-0921

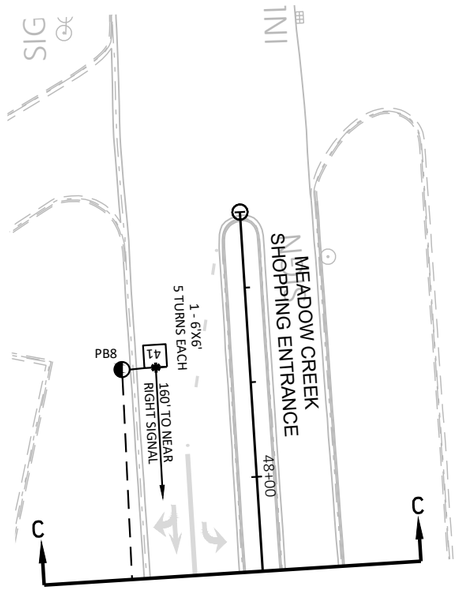
REGION CONTACT: J. MURPHY
DESIGNED BY: SEH
REVISED BY:

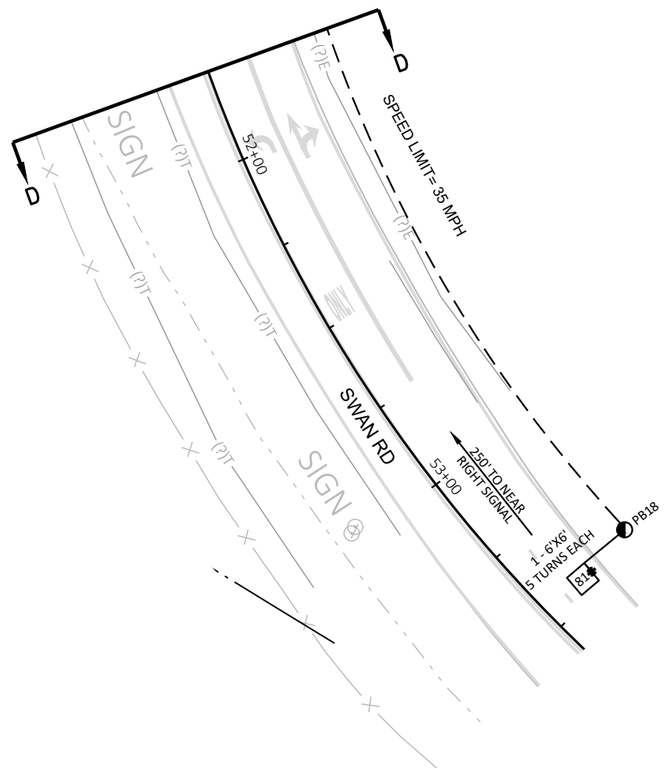
PAGE 2 OF 4

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC SIGNAL PLAN	SHEET 182	E

FILE NAME : X:\UZ\W\WITSE\173964\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\SHEET FILES\S67-0921_SWAN_2370-00-05 (PROPOSED).DWG
LAYOUT NAME - S67-0921_prop_pg2
PLOT DATE : 3/6/2026 2:39 PM PLOT BY : WALE ODUWOLE PLOT NAME : PLOT SCALE : 1 IN:40 FT

2





TRAFFIC CONTROL SIGNAL
STH 164 & SWAN RD
VILLAGE OF PEWAUKEE
WAUKESHA COUNTY

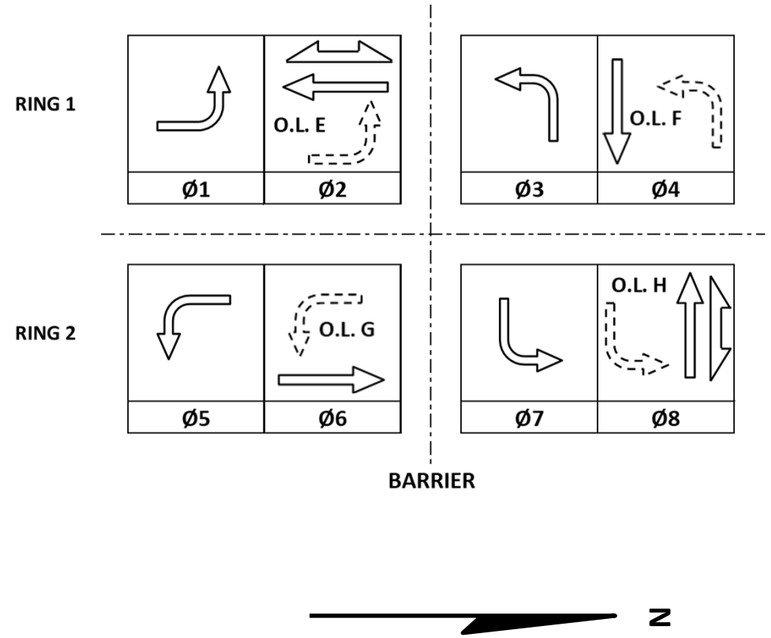
SIGNAL NO. S67-0921

REGION CONTACT: J. MURPHY
DESIGNED BY: SEH
REVISED BY:

PAGE 3 OF 4

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC SIGNAL PLAN	SHEET 183	E

	HEAD NUMBERS	FLASH
Ø1	4,5,6	R
Ø2	7,8,9	R
Ø3	16,17	R
Ø4	18,19,20	R
Ø5	10,11,12	R
Ø6	1,2,3	R
Ø7	21,22	R
Ø8	13,14,15	R
Ø2P	23,24	
Ø4P		
Ø6P		
Ø8P	25,26	
OLE	4,5,6	-
OLF	16,17	-
OLG	10,11,12	-
OLH	21,22	-



CONTROLLER LOGIC

PHASE NUMBER	PHASE LOCKING	DUAL ENTRY W / Ø	PHASE RECALL	PHASE ACTIVE
1		6		X
2	X	6	MIN	X
3		8		X
4		8		X
5		2		X
6	X	2	MIN	X
7		4		X
8		4		X

EMERGENCY VEHICLE PREEMPTION SEQUENCE

EMERGENCY VEHICLE PREEMPTOR	A	B	C	D
MOVEMENT				
PHASE	2+5	6+1	4+7	8+3

AFTER PREEMPTION SEQUENCE 2+5 OR 6+1, CONTROLLER SHALL RETURN TO PHASES 2+6.
AFTER PREEMPTION SEQUENCE 4+7 OR 8+3, CONTROLLER SHALL RETURN TO PHASES 4+8.

TYPE OF INTERCONNECT/COMMUNICATION	
NONE	
CLOSED LOOP	
TWISTED PAIR	
FIBER OPTIC*	
FIBER OPTIC (ETHERNET)	X
RADIO	
CELL MODEM	

TYPE OF COORDINATION	
NONE	
TBC	X
TRAFFIC RESPONSIVE	
ADAPTIVE	
*LOCATION OF MASTER CONTROLLER NO:	S- 67-0921
SIGNAL SYSTEM NO:	SS-

TYPE OF LIGHTING	
BY OTHER AGENCY	
IN TRAFFIC CABINET	X
IN SEPARATE DOT LIGHTING CABINET	

TYPE OF PRE-EMPT	
NONE	
RAILROAD	
EMERGENCY VEHICLE	X
GTT	X
TOMAR	
HARDWIRE	
OTHER	
CONFIRMATION LIGHTS	
LIFT BRIDGE	
QUEUE DETECTION	

DETECTOR LOGIC

DETECTOR INPUT	3	1	7	5	11	9	15	13	19	17	23	21	27	25	31	29	35	33	39	37	43	41	47	45	DETECTOR INPUT
PLAN LOOP DETECTOR*(S)	11	21	31	41	43	52	62	72	82								23								PLAN LOOP DETECTOR*(S)
CALLED PHASE	1	2	3	4	4	5	6	7	8								2								CALLED PHASE
CALL OPTION	X	X	X		X	X	X	X	X								X								CALL OPTION
DELAY TIME					X				X																DELAY TIME
EXTENTION OPTION	X	X	X	X	X	X	X	X	X								X								EXTENTION OPTION
EXTEND TIME				X																					EXTEND TIME
USE ADDED INITIAL		X					X																		USE ADDED INITIAL
CROSS SWITCH PHASE	2		4			6		8																	CROSS SWITCH PHASE

DETECTOR INPUT	4	2	8	6	12	10	16	14	20	18	24	22	28	26	32	30	36	34	40	38	44	42	48	46	DETECTOR INPUT
PLAN LOOP DETECTOR*(S)	12	22	32	42	51	61	71	81	83								63								PLAN LOOP DETECTOR*(S)
CALLED PHASE	1	2	3	4	5	6	7	8	8								6								CALLED PHASE
CALL OPTION	X	X	X	X	X	X	X		X								X								CALL OPTION
DELAY TIME				X					X																DELAY TIME
EXTENTION OPTION	X	X	X	X	X	X	X	X	X								X								EXTENTION OPTION
EXTEND TIME								X																	EXTEND TIME
USE ADDED INITIAL		X				X																			USE ADDED INITIAL
CROSS SWITCH PHASE	2		4		6		8																		CROSS SWITCH PHASE

STH 164 & SWAN RD
VILLAGE OF PEWAUKEE
WAUKESHA COUNTY

SIGNAL NO: S67-0921 CABINET TYPE: TS2-S
CONTROLLER TYPE: ECONOLITE
DATE: 01/2026 PAGE NO. 4 OF 4

PROJECT ID:	**S67-0921**
INTERSECTION:	**(STH 164) & SWAN ROAD**

SIGNAL WIRE COLOR CODING	BLK - BLACK	RED - RED	GRN - GREEN
	WHT - WHITE	BLU - BLUE	ORG - ORANGE

			SIGNAL INDICATION WIRE COLOR									
CB_ TO	**AWG 14 # OF**	**HEAD NO.**	**RED**	**YELLOW**	**GREEN**	**<RED>**	**<YELLOW>**	**<GREEN>**	**<FLASHING> <YELLOW>**	**D/WALK**	**WALK**	**PED BUTTON**
SB1	12	1	RED	ORG	GRN							
		11				RED/BLK	ORG/BLK	GRN/BLK	BLK/WHT			
SB2	7	4				RED	ORG	GRN	BLK/WHT			
SB6	12	8	RED	ORG	GRN							
		9	RED	ORG	GRN							
		12				RED/BLK	ORG/BLK	GRN/BLK	BLK/WHT			
SB7	12	16				RED/BLK	ORG/BLK	GRN/BLK	BLK/WHT			
		18	RED	ORG	GRN							
		23								BLK	BLU	
		BUTTON										WHT/BLK
SB9	12	14	RED	ORG	GRN							
		15	RED	ORG	GRN							
		17				RED/BLK	ORG/BLK	GRN/BLK	BLK/WHT			
SB10	7	25								BLK	BLU	
		BUTTON										WHT/BLK
SB11	12	5				RED	ORG	GRN	BLK/WHT			
		7	RED/BLK	ORG/BLK	GRN/BLK							
		24								BLK	BLU	
		BUTTON										WHT/BLK
SB12	7	10				RED	ORG	GRN	BLK/WHT			
SB16	12	2	RED	ORG	GRN							
		3	RED	ORG	GRN							
		6				RED/BLK	ORG/BLK	GRN/BLK	BLK/WHT			
		26								BLK	BLU	
		BUTTON										WHT/BLK
SB17	12	13	RED/BLK	ORG/BLK	GRN/BLK							
		21				RED	ORG	GRN	BLK/WHT			
SB18	12	19	RED	ORG	GRN							
		20	RED	ORG	GRN							
		22				RED/BLK	ORG/BLK	GRN/BLK	BLK/WHT			

EQUIPMENT GROUNDING CONDUCTOR 10 AWG GREEN XLP	
FROM	TO
CB1	SB1
SB1	SB2
SB2	SB6
SB6	SB7
SB7	SB9
SB9	SB10
SB10	SB11
SB11	SB12
SB12	SB16
SB16	SB17
SB17	SB18
SB18	CB1

LIGHTING UF 2-10 AWG W/ GROUND	
FROM	TO
CB1	SB3
SB3	SB4
SB3	SB8
SB4	SB5
CB1	SB18
SB18	SB13
SB13	SB14
SB14	SB15

EMERGENCY VEHICLE PREEMPTION	
FROM	TO
CB1	SB6 (HEAD A)
CB1	SB16 (HEAD B)
CB1	SB18 (HEAD C)
CB1	SB9 (HEAD D)

*USE THE WHITE CONDUCTOR IN THE CABLE ASSEMBLY AS THE GROUNDED CONDUCTOR FOR ALL TRAFFIC SIGNAL INDICATIONS
*ENSURE THE GROUNDED CONDUCTOR IN THE FEEDER CABLE AND THE POLE CABLES ARE BOTH 12" LONGER THAN THE UNGROUNDED CONDUCTORS.
*AT THE SIGNAL BASES, CONNECT ONE TERMINAL FROM THE PEDESTRAIN PUSH BUTTONS TO THE COLOR INDICATED IN THE CHART. CONNECT THE OTHER TERMINAL TO THE GROUNDED CONDUCTOR.
"OTHER" COLUMN MAY INCLUDE SHADOW BOX SIGN

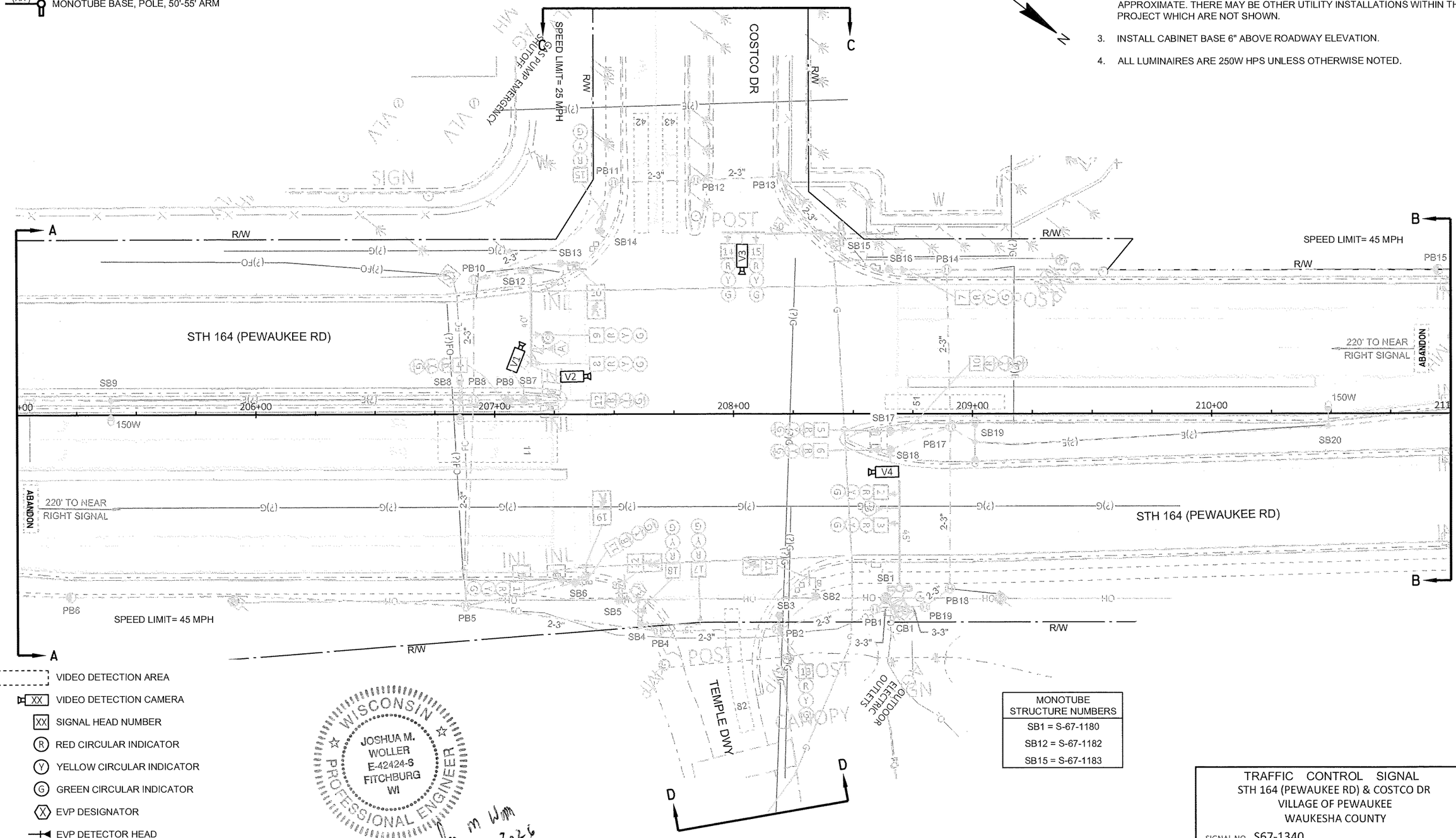
LEGEND

— — — NONMETALLIC CONDUIT 2", UNLESS OTHERWISE NOTED

(XX') MONOTUBE BASE, POLE, 50'-55' ARM

CONSTRUCTION NOTES:

1. * LOCATION IS TO FRONT CENTER OF DETECTOR LOOP.
2. THE LOCATIONS OF EXISTING AND PROPOSED UTILITY INSTALLATIONS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT WHICH ARE NOT SHOWN.
3. INSTALL CABINET BASE 6" ABOVE ROADWAY ELEVATION.
4. ALL LUMINAIRES ARE 250W HPS UNLESS OTHERWISE NOTED.



VIDEO DETECTION AREA

XX VIDEO DETECTION CAMERA

XX SIGNAL HEAD NUMBER

(R) RED CIRCULAR INDICATOR

(Y) YELLOW CIRCULAR INDICATOR

(G) GREEN CIRCULAR INDICATOR

(X) EVP DESIGNATOR

EVP DETECTOR HEAD

NOTE: ALL LENSES ARE 12-INCH
GRAYSHADE REPRESENTS EXISTING

WISCONSIN
JOSHUA M. WOLLER
E-42424-6
FITCHBURG
WI
PROFESSIONAL ENGINEER

3-26-2026

MONOTUBE STRUCTURE NUMBERS
SB1 = S-67-1180
SB12 = S-67-1182
SB15 = S-67-1183

TRAFFIC CONTROL SIGNAL
STH 164 (PEWAUKEE RD) & COSTCO DR
VILLAGE OF PEWAUKEE
WAUKESHA COUNTY

SIGNAL NO. S67-1340

REGION CONTACT: J. MURPHY
DESIGNED BY:
REVISED BY: SEH

PAGE 1 OF 3

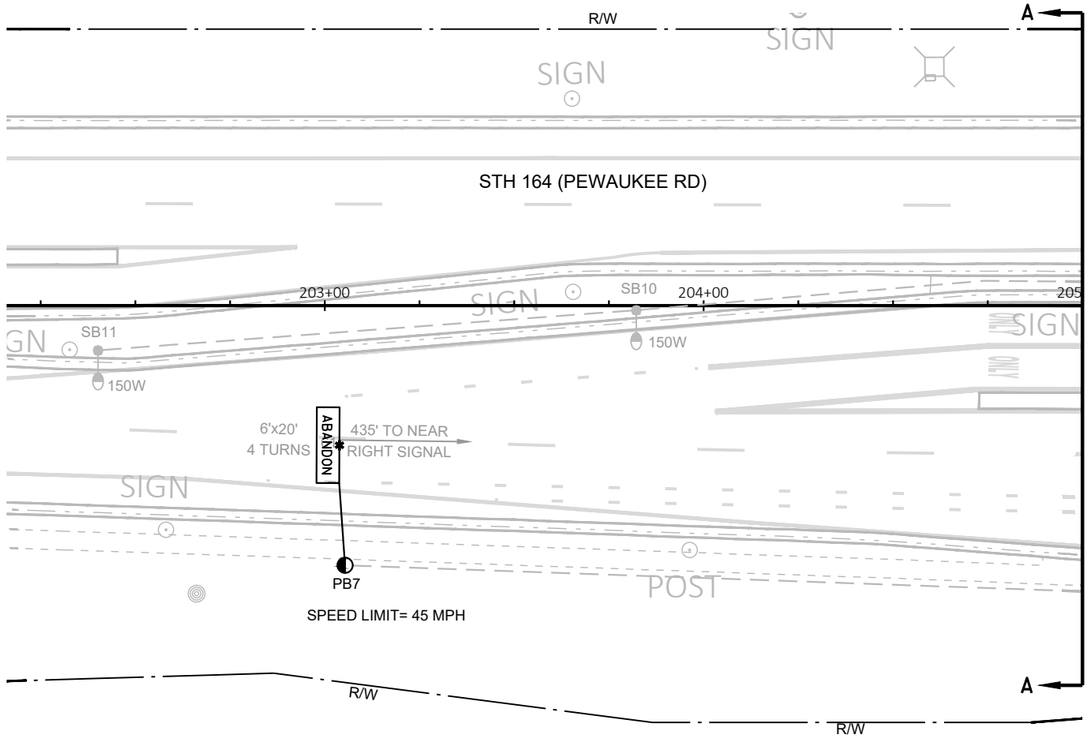
PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC SIGNAL PLAN - REMOVALS	SHEET 187 E

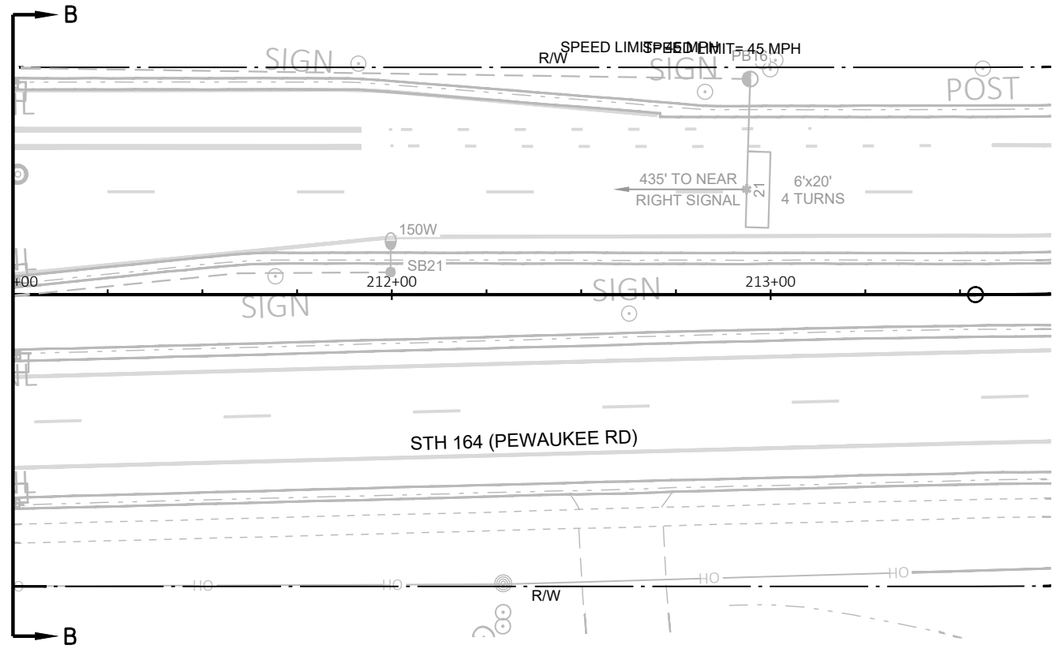
FILE NAME : X:\UZ\W\WITSE\173964\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\SHEET FILES\S67-1340_EX_COSTCO_2370-00-05.DWG
LAYOUT NAME - S67-1340_ex_pg1

PLOT DATE : 3/26/2026 1:03 PM PLOT BY : GARY ELLIAS PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2





TRAFFIC CONTROL SIGNAL
STH 164 (PEWAUKEE RD) & COSTCO DR
VILLAGE OF PEWAUKEE
WAUKESHA COUNTY

SIGNAL NO. S67-1340

REGION CONTACT: J. MURPHY
DESIGNED BY:
REVISED BY: SEH

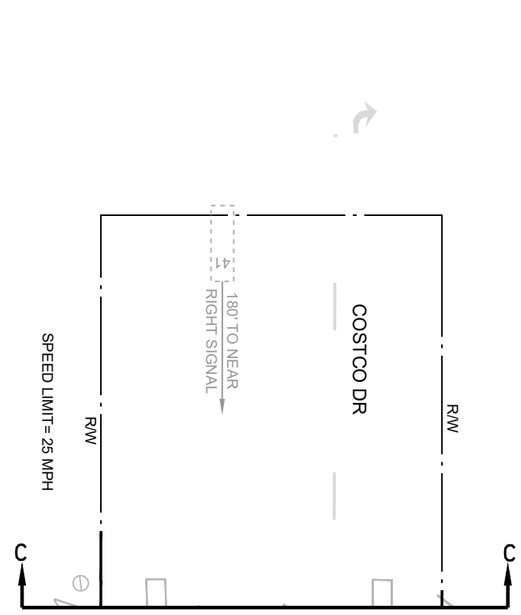
PAGE 2 OF 3

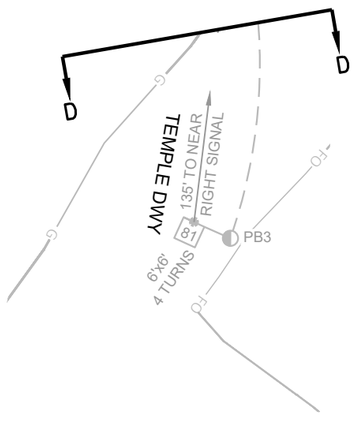
PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC SIGNAL PLAN - REMOVALS	SHEET 188	E

FILE NAME : X:\UZ\W\WITSE\173964\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\SHEET FILES\S67-1340_EX_COSTCO_2370-00-05.DWG
LAYOUT NAME - S67-1340_ex_pg2

PLOT DATE : 3/26/2026 1:04 PM PLOT BY : GARY ELLIAS PLOT NAME : PLOT SCALE : 1 IN:40 FT

2





TRAFFIC CONTROL SIGNAL
STH 164 (PEWAUKEE RD) & COSTCO DR
VILLAGE OF PEWAUKEE
WAUKESHA COUNTY

SIGNAL NO. S67-1340

REGION CONTACT: J. MURPHY
DESIGNED BY:
REVISED BY: SEH

PAGE 3 OF 3

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC SIGNAL PLAN - REMOVALS	SHEET 189	E

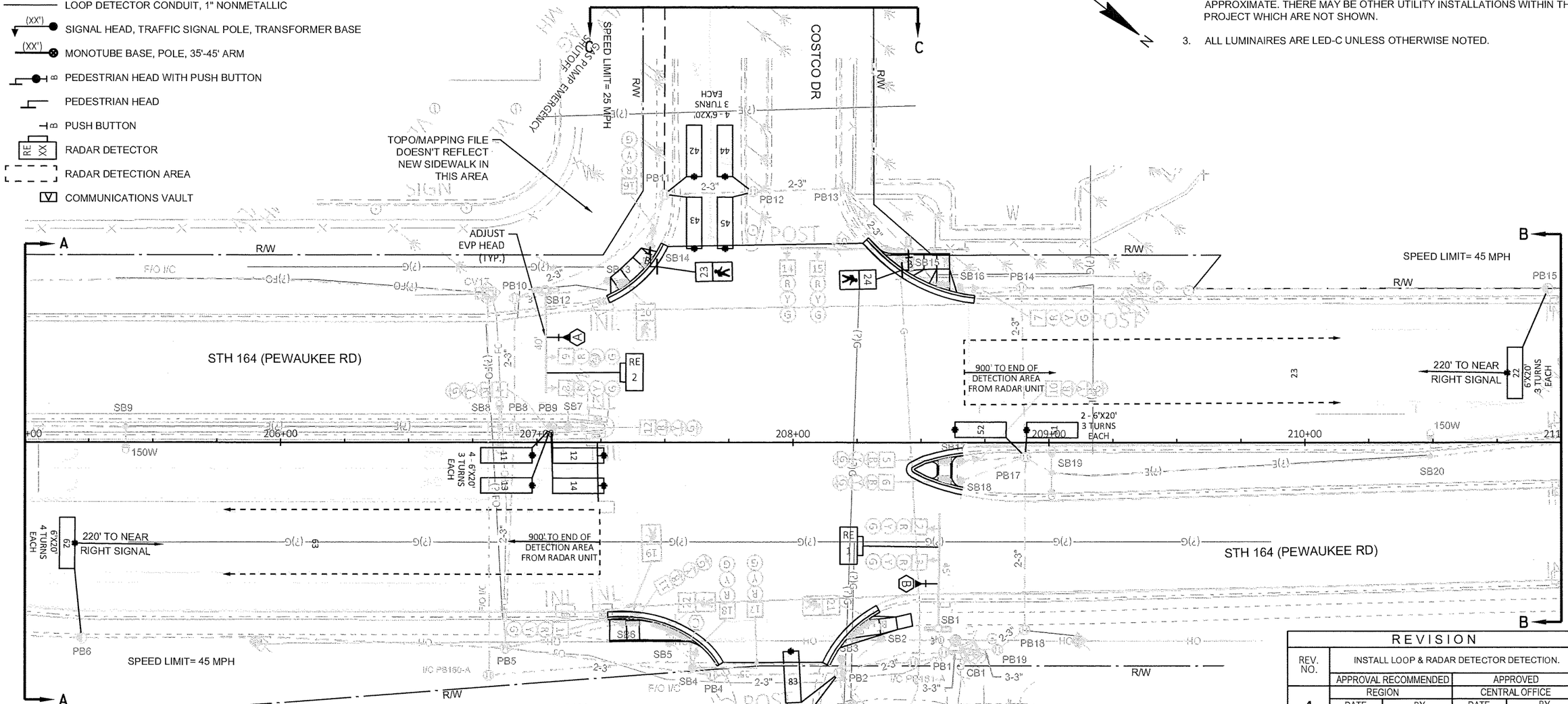
FILE NAME : X:\UZ\W\WITSE\173964\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\SHEET FILES\S67-1340_EX_COSTCO_2370-00-05.DWG
LAYOUT NAME - S67-1340_ex_pg3

PLOT DATE : 3/26/2026 1:04 PM PLOT BY : GARY ELLIAS PLOT NAME : PLOT SCALE : 1 IN:40 FT

LEGEND

- NONMETALLIC CONDUIT 2", UNLESS OTHERWISE NOTED
- LOOP DETECTOR CONDUIT, 1" NONMETALLIC
- (XX') SIGNAL HEAD, TRAFFIC SIGNAL POLE, TRANSFORMER BASE
- (XX') MONOTUBE BASE, POLE, 35'-45' ARM
- PEDESTRIAN HEAD WITH PUSH BUTTON
- PEDESTRIAN HEAD
- PUSH BUTTON
- RADAR DETECTOR
- RADAR DETECTION AREA
- COMMUNICATIONS VAULT

CONSTRUCTION NOTES:
1. * LOCATION IS TO FRONT CENTER OF DETECTOR LOOP.
2. THE LOCATIONS OF EXISTING AND PROPOSED UTILITY INSTALLATIONS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT WHICH ARE NOT SHOWN.
3. ALL LUMINAIRES ARE LED-C UNLESS OTHERWISE NOTED.



- LOOP DETECTOR IN 1" NONMETALLIC CONDUIT
- PULL BOX, 24" X 36"
- PULL BOX, 24" X 42"
- XX SIGNAL HEAD NUMBER
- (R) RED CIRCULAR INDICATOR
- (Y) YELLOW CIRCULAR INDICATOR
- (G) GREEN CIRCULAR INDICATOR
- (X) EVP DESIGNATOR
- EVP DETECTOR HEAD

NOTE: ALL LENSES ARE 12-INCH
GRAYSHADE REPRESENTS EXISTING

MONOTUBE STRUCTURE NUMBERS
SB1 = S-67-1180
SB12 = S-67-1182
SB15 = S-67-1183

INSTALL FIBER OPTIC INTERCONNECT 02/02/2017
REPLACE CABINET WITH TS2 03/15/16
AS-BUILT PER FIELD REVIEW 10/31/11
INITIAL INSTALL 2011

WISCONSIN PROFESSIONAL ENGINEER
JOSHUA M. WOLLER
E-42424-6
FITCHBURG
WI
3-26-2026

REVISION

REV. NO.				
4	INSTALL LOOP & RADAR DETECTOR DETECTION.			
	APPROVAL RECOMMENDED		APPROVED	
	REGION		CENTRAL OFFICE	
	DATE	BY	DATE	BY
	3/27/26	JMM	4/1/26	JR

TRAFFIC CONTROL SIGNAL
STH 164 (PEWAUKEE RD) & COSTCO DR
VILLAGE OF PEWAUKEE
WAUKESHA COUNTY
SIGNAL NO. S67-1340
CABINET TYPE: TS2
CONTROLLER TYPE: ECONOLITE

WISCONSIN DEPARTMENT OF TRANSPORTATION
APPROVAL RECOMMENDED
DATE 3/16/11 — DAVID A. BRANTNER, REGION TRAFFIC ENGINEER
APPROVED
DATE 3/30/11 — JOANNA L. BUSH, STATE TRAFFIC ENGINEER
REGION CONTACT: J. MURPHY
DESIGNED BY:
REVISED BY: SEH
PAGE 1 OF 4

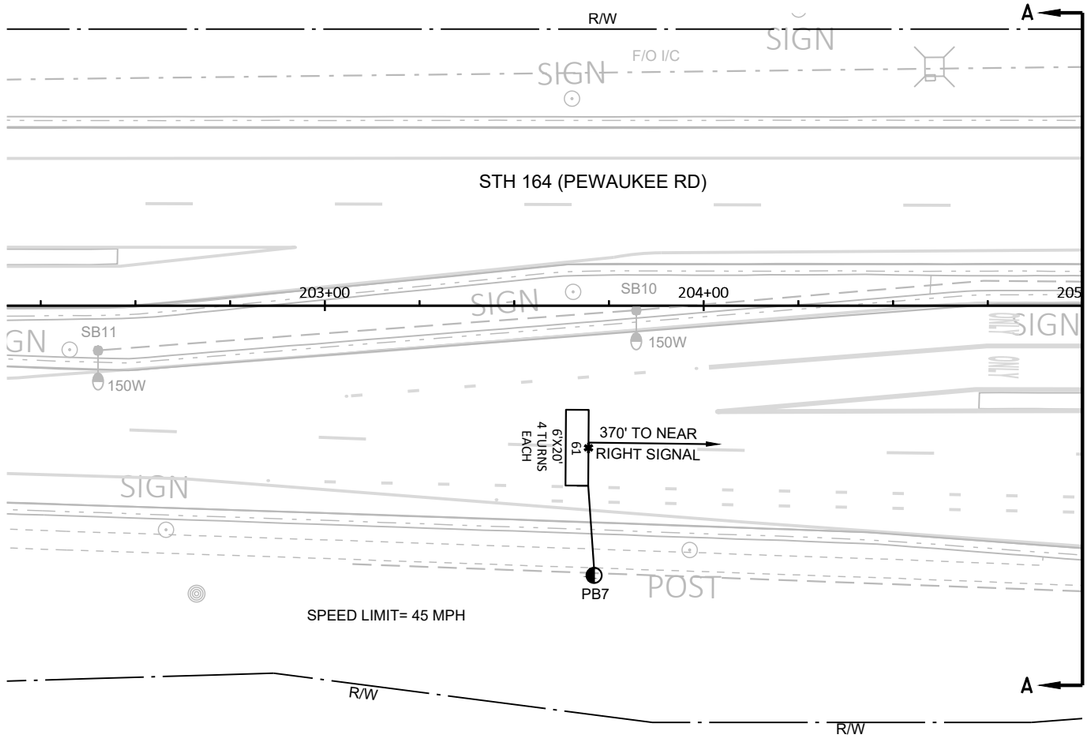
PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC SIGNAL PLAN	SHEET 190 E

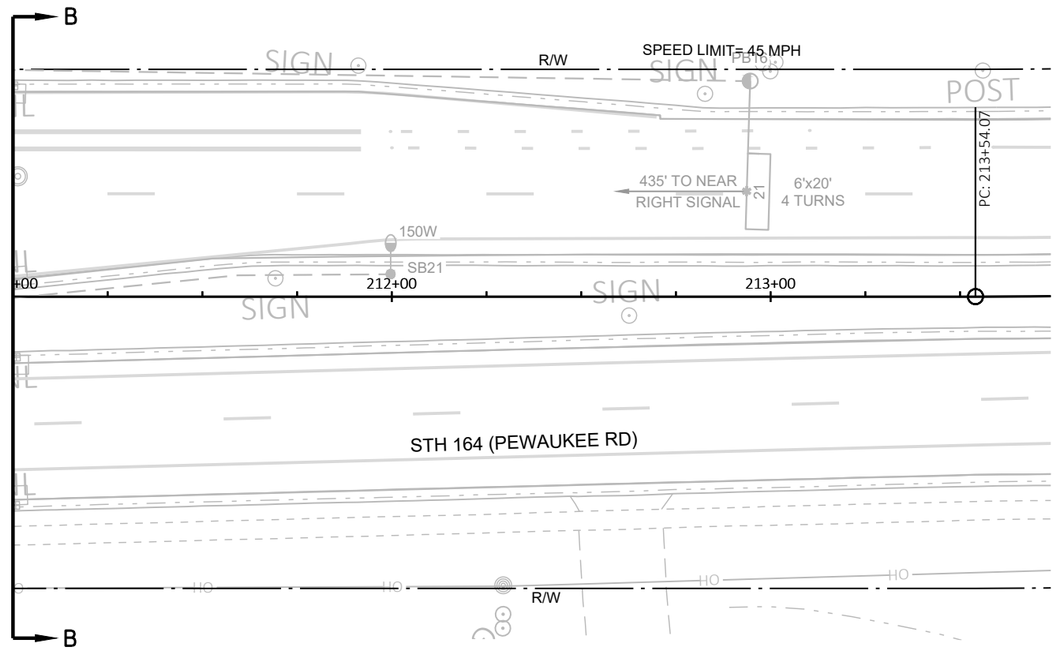
FILE NAME : X:\UZ\W\WITSE\173964\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\SHEET FILES\S67-1340_COSTCO_2370-00-05 (PROPOSED).DWG
LAYOUT NAME - S67-1340_prop_pg1
PLOT DATE : 3/6/2026 2:35 PM PLOT BY : WALE ODUWOLE PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

3/27/26 MAS

2





TRAFFIC CONTROL SIGNAL
STH 164 (PEWAUKEE RD) & COSTCO DR
VILLAGE OF PEWAUKEE
WAUKESHA COUNTY

SIGNAL NO. S67-1340

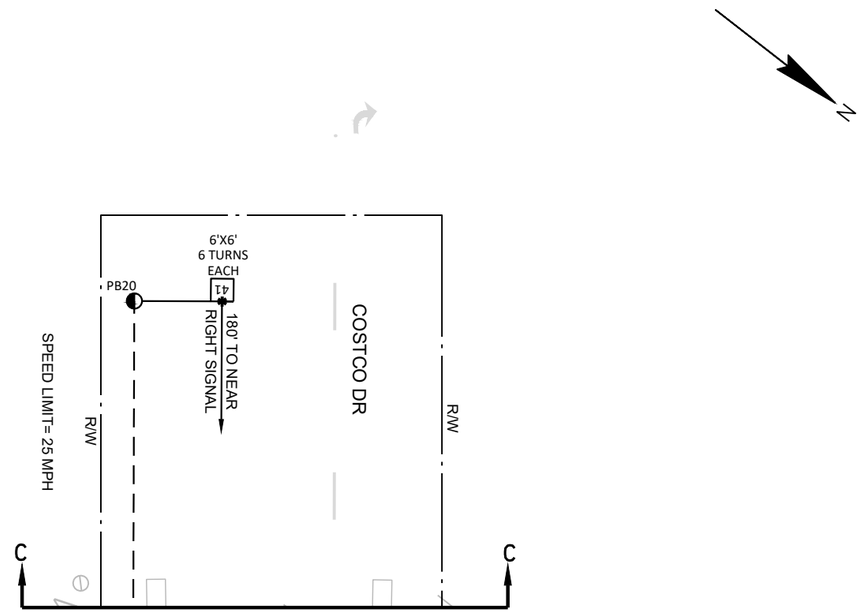
REGION CONTACT: J. MURPHY
DESIGNED BY:
REVISED BY: SEH

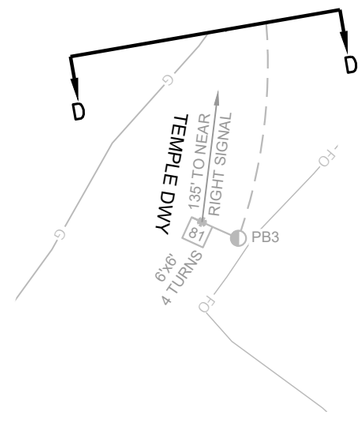
PAGE 2 OF 4

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC SIGNAL PLAN	SHEET 191	E

FILE NAME : X:\UZ\W\WITSE\173964\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\SHEET FILES\S67-1340_COSTCO_2370-00-05 (PROPOSED).DWG
LAYOUT NAME - S67-1340_prop_pg2

PLOT DATE : 3/6/2026 2:35 PM PLOT BY : WALE ODUWOLE PLOT NAME : PLOT SCALE : 1 IN:40 FT





TRAFFIC CONTROL SIGNAL
STH 164 (PEWAUKEE RD) & COSTCO DR
VILLAGE OF PEWAUKEE
WAUKESHA COUNTY

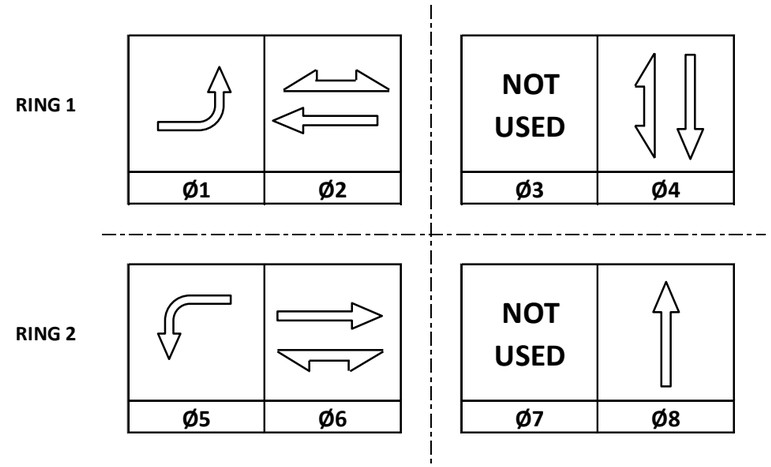
SIGNAL NO. S67-1340

REGION CONTACT: J. MURPHY
DESIGNED BY:
REVISED BY: SEH

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC SIGNAL PLAN	SHEET 192	E

FILE NAME : X:\UZ\W\WITSE\173964\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\SHEET FILES\S67-1340_COSTCO_2370-00-05 (PROPOSED).DWG
LAYOUT NAME - S67-1340_prop_pg3
PLOT DATE : 3/6/2026 2:36 PM
PLOT BY : WALE ODUWOLE
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

	HEAD NUMBERS	FLASH
Ø1	4,5,6	R
Ø2	7,8,9	R
Ø3		
Ø4	16,17,18	R
Ø5	10,11,12	R
Ø6	1,2,3	R
Ø7		
Ø8	13,14,15	R
Ø2P	23,24	
Ø4P	19,20	
Ø6P	21,22	
Ø8P		
OLE		
OLF		
OLG		
OLH		



CONTROLLER LOGIC

PHASE NUMBER	PHASE LOCKING	DUAL ENTRY W / Ø	PHASE RECALL	PHASE ACTIVE
1		6		X
2	X	6	MIN	X
3		---		
4		8		X
5		2		X
6	X	2	MIN	X
7		---		
8		4		X

EMERGENCY VEHICLE PREEMPTION SEQUENCE

EMERGENCY VEHICLE PREEMPTOR	A	B	C
MOVEMENT	←	→	↓↑
PHASE	2+5	6+1	4+8

AFTER PREEMPTION SEQUENCE 2+5 OR 6+1, CONTROLLER SHALL RETURN TO PHASES 2+6.
AFTER PREEMPTION SEQUENCE 4, CONTROLLER SHALL RETURN TO PHASES 4+8.

TYPE OF INTERCONNECT/COMMUNICATION	
NONE	
CLOSED LOOP	
TWISTED PAIR	
FIBER OPTIC*	
FIBER OPTIC (ETHERNET)	X
RADIO	
CELL MODEM	

TYPE OF COORDINATION	
NONE	
TBC	X
TRAFFIC RESPONSIVE	
ADAPTIVE	
*LOCATION OF MASTER CONTROLLER NO:	S- 67-1340
SIGNAL SYSTEM NO:	SS- 0065

TYPE OF LIGHTING	
BY OTHER AGENCY	
IN TRAFFIC CABINET	X
IN SEPARATE DOT LIGHTING CABINET	

TYPE OF PRE-EMPT	
NONE	
RAILROAD	
EMERGENCY VEHICLE	X
GTT	X
TOMAR	
HARDWIRE	
OTHER	
CONFIRMATION LIGHTS	
LIFT BRIDGE	
QUEUE DETECTION	

DETECTOR LOGIC

DETECTOR INPUT	3	1	7	5	11	9	15	13
PLAN LOOP DETECTOR*(S)	11	13	21	41	43	45	52	62
CALLED PHASE	1	1	2	4	4	4	5	6
CALL OPTION	X	X	X		X	X	X	X
DELAY TIME								
EXTENSION OPTION	X	X	X	X	X	X	X	X
EXTEND TIME				X				
USE ADDED INITIAL			X					X
CROSS SWITCH PHASE								

19	17	23	21	27	25	31	29
82							
8							
X							
X							

35	33	39	37	43	41	47	45	DETECTOR INPUT
23								PLAN LOOP DETECTOR*(S)
2								CALLED PHASE
X								CALL OPTION
								DELAY TIME
X								EXTENSION OPTION
								EXTEND TIME
								USE ADDED INITIAL
								CROSS SWITCH PHASE

DETECTOR INPUT	4	2	8	6	12	10	16	14
PLAN LOOP DETECTOR*(S)	12	14	22	42	44	51	61	81
CALLED PHASE	1	1	2	4	4	5	6	8
CALL OPTION	X	X	X	X	X	X	X	
DELAY TIME								
EXTENSION OPTION	X	X	X	X	X	X	X	X
EXTEND TIME								X
USE ADDED INITIAL			X				X	
CROSS SWITCH PHASE								

20	18	24	22	28	26	32	30
83							
8							
X							
X							

36	34	40	38	44	42	48	46	DETECTOR INPUT
63								PLAN LOOP DETECTOR*(S)
6								CALLED PHASE
X								CALL OPTION
								DELAY TIME
X								EXTENSION OPTION
								EXTEND TIME
								USE ADDED INITIAL
								CROSS SWITCH PHASE

STH 164 & COSTCO DR
VILLAGE OF PEWAUKEE
WAUKESHA COUNTY

SIGNAL NO: S67-1340 CABINET TYPE: TS2-S
CONTROLLER TYPE: ECONOLITE
DATE: 01/2026 PAGE NO. 4 OF 4

2

PROJECT ID:	**S67-1340**
INTERSECTION:	**STH 164 & COSTCO DWY**

SIGNAL WIRE COLOR CODING	BLK - BLACK	RED - RED	GRN - GREEN
	WHT - WHITE	BLU - BLUE	ORG - ORANGE

CB_ TO	**AWG 14 # OF**	**HEAD NO.**	**SIGNAL INDICATION WIRE COLOR**									**PED BUTTON**
			RED	**YELLOW**	**GREEN**	**<RED>**	**<YELLOW>**	**<GREEN>**	**<FLASHING> <YELLOW>**	**D/WALK**	**WALK**	
SB14	7	23								**BLK**	**BLU**	
		BUTTON										WHT/BLK
SB15	7	24								BLK	BLU	
		BUTTON										WHT/BLK

EQUIPMENT GROUNDING CONDUCTOR 10 AWG GREEN XLP	
FROM	**TO**
CB1	SB14
CB1	SB15

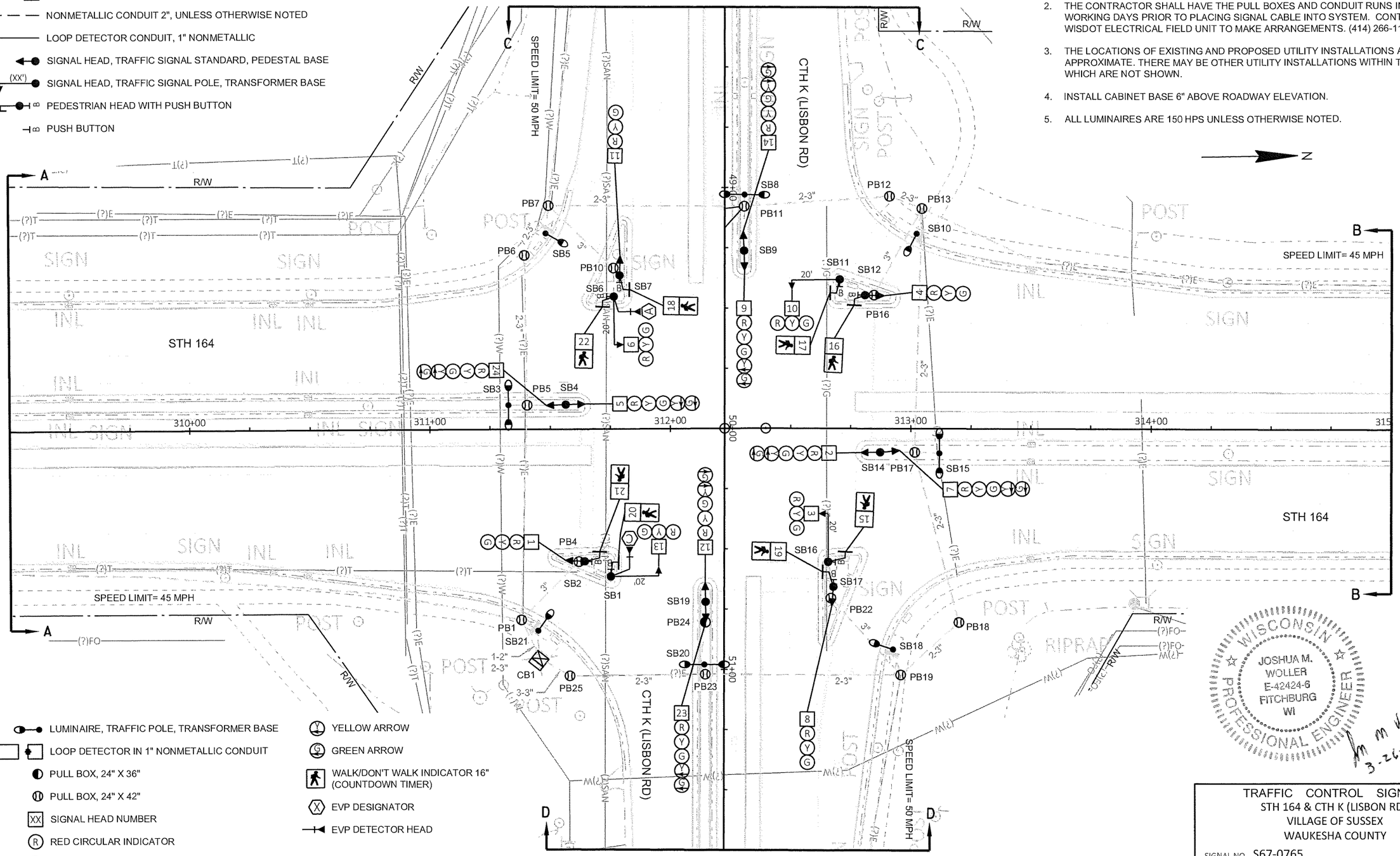
*USE THE WHITE CONDUCTOR IN THE CABLE ASSEMBLY AS THE GROUNDED CONDUCTOR FOR ALL TRAFFIC SIGNAL INDICATIONS
*ENSURE THE GROUNDED CONDUCTOR IN THE FEEDER CABLE AND THE POLE CABLES ARE BOTH 12" LONGER THAN THE UNGROUNDED CONDUCTORS.
*AT THE SIGNAL BASES, CONNECT ONE TERMINAL FROM THE PEDESTRAIN PUSH BUTTONS TO THE COLOR INDICATED IN THE CHART. CONNECT THE OTHER TERMINAL TO THE GROUNDED CONDUCTOR.
"OTHER" COLUMN MAY INCLUDE SHADOW BOX SIGN

LEGEND

- CONTROL CABINET
- NONMETALLIC CONDUIT 2", UNLESS OTHERWISE NOTED
- LOOP DETECTOR CONDUIT, 1" NONMETALLIC
- SIGNAL HEAD, TRAFFIC SIGNAL STANDARD, PEDESTAL BASE
- (XX') SIGNAL HEAD, TRAFFIC SIGNAL POLE, TRANSFORMER BASE
- PEDESTRIAN HEAD WITH PUSH BUTTON
- PUSH BUTTON

CONSTRUCTION NOTES:

1. * LOCATION IS TO FRONT CENTER OF DETECTOR LOOP.
2. THE CONTRACTOR SHALL HAVE THE PULL BOXES AND CONDUIT RUNS INSPECTED 5 WORKING DAYS PRIOR TO PLACING SIGNAL CABLE INTO SYSTEM. CONTACT THE WISDOT ELECTRICAL FIELD UNIT TO MAKE ARRANGEMENTS. (414) 266-1170.
3. THE LOCATIONS OF EXISTING AND PROPOSED UTILITY INSTALLATIONS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT WHICH ARE NOT SHOWN.
4. INSTALL CABINET BASE 6" ABOVE ROADWAY ELEVATION.
5. ALL LUMINAIRES ARE 150 HPS UNLESS OTHERWISE NOTED.



- LUMINAIRE, TRAFFIC POLE, TRANSFORMER BASE
- LOOP DETECTOR IN 1" NONMETALLIC CONDUIT
- PULL BOX, 24" X 36"
- PULL BOX, 24" X 42"
- XX SIGNAL HEAD NUMBER
- (R) RED CIRCULAR INDICATOR
- (Y) YELLOW CIRCULAR INDICATOR
- (G) GREEN CIRCULAR INDICATOR
- YELLOW ARROW
- GREEN ARROW
- WALK/DON'T WALK INDICATOR 16" (COUNTDOWN TIMER)
- (X) EVP DESIGNATOR
- EVP DETECTOR HEAD

NOTE: ALL LENSES ARE 12-INCH
GRAYSHADE REPRESENTS EXISTING

WISCONSIN PROFESSIONAL ENGINEER
JOSHUA M. WOLLER
E-42424-6
FITCHBURG
WI
3-26-2026

TRAFFIC CONTROL SIGNAL
STH 164 & CTH K (LISBON RD)
VILLAGE OF SUSSEX
WAUKESHA COUNTY

SIGNAL NO. S67-0765

REGION CONTACT: J. MURPHY
DESIGNED BY:
REVISED BY: SEH

PAGE 1 OF 3

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC SIGNAL PLAN - REMOVALS	SHEET 195 E

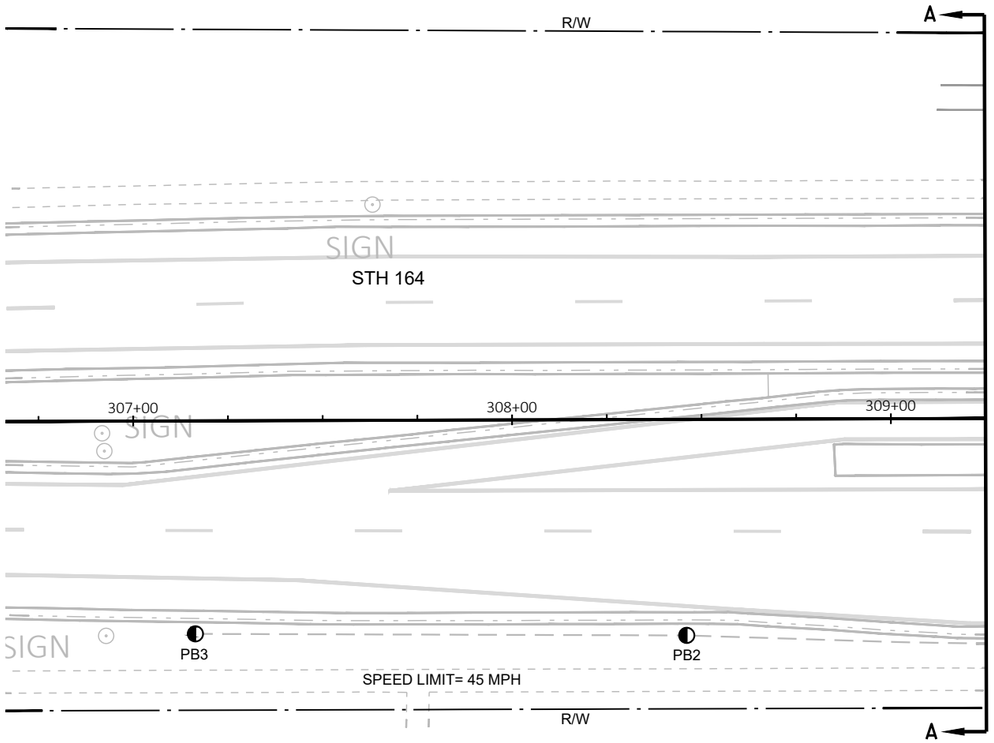
FILE NAME : X:\UZ\WI\WITSE\173964\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\SHEET FILES\S67-0765_EX_CTHK-LISBON_2370-00-05.DWG
LAYOUT NAME - S67-0765_ex_pg1

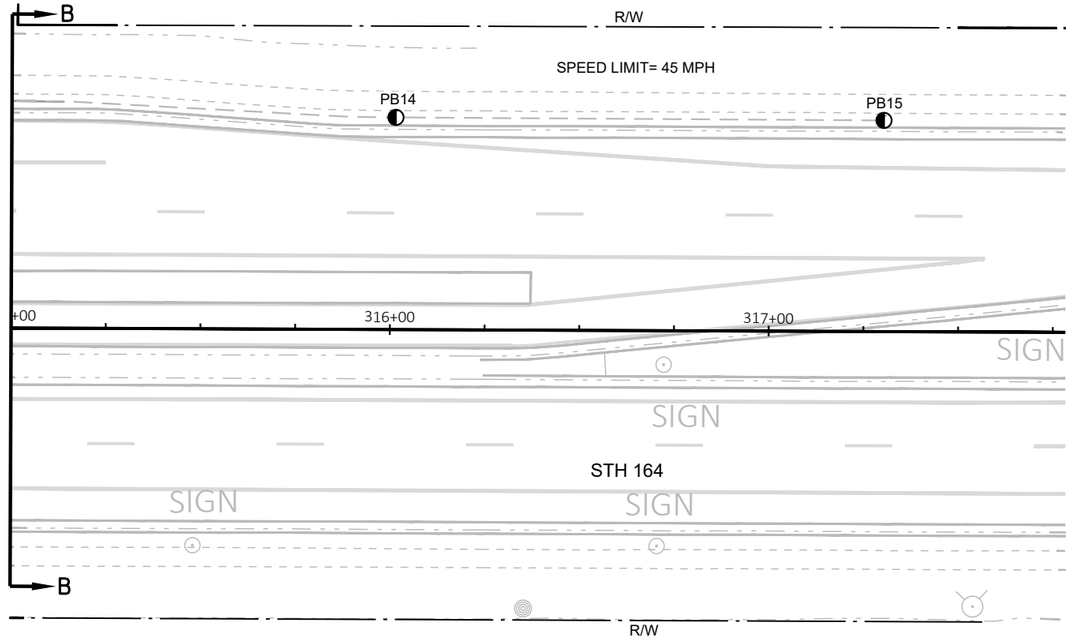
PLOT DATE : 3/26/2026 1:06 PM PLOT BY : GARY ELLIAS PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

N





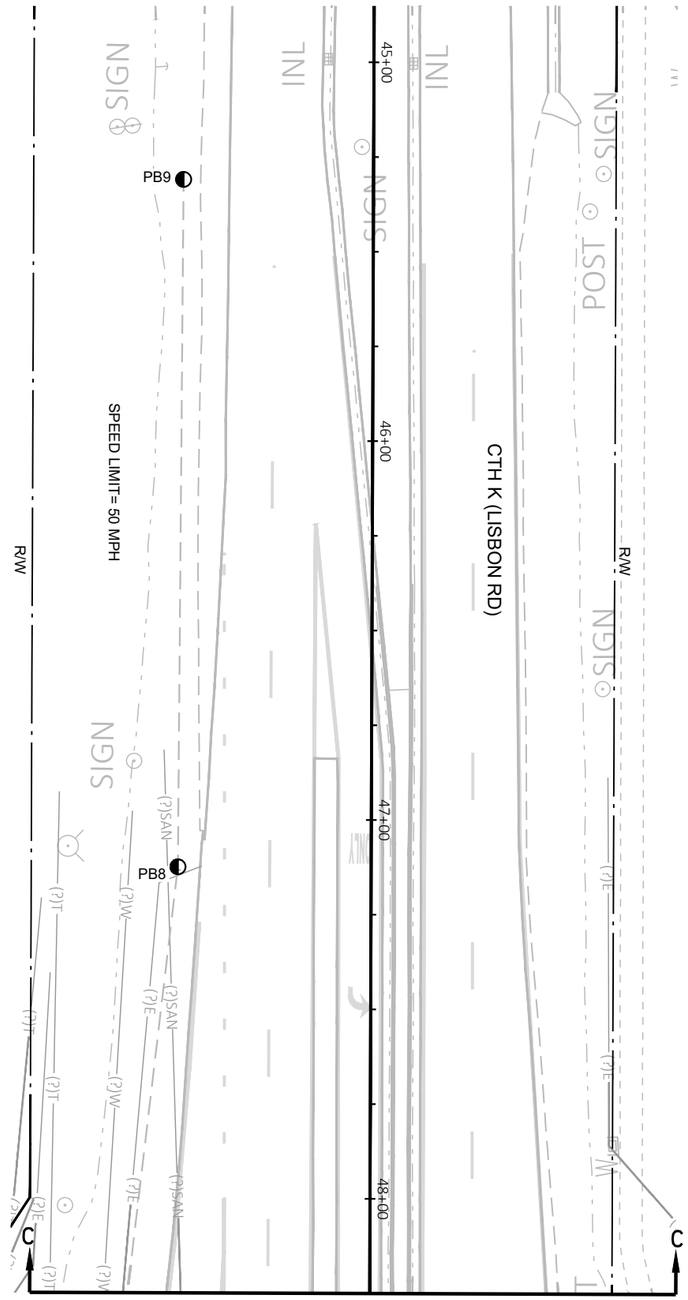
TRAFFIC CONTROL SIGNAL
STH 164 & CTH K (LISBON RD)
VILLAGE OF SUSSEX
WAUKESHA COUNTY

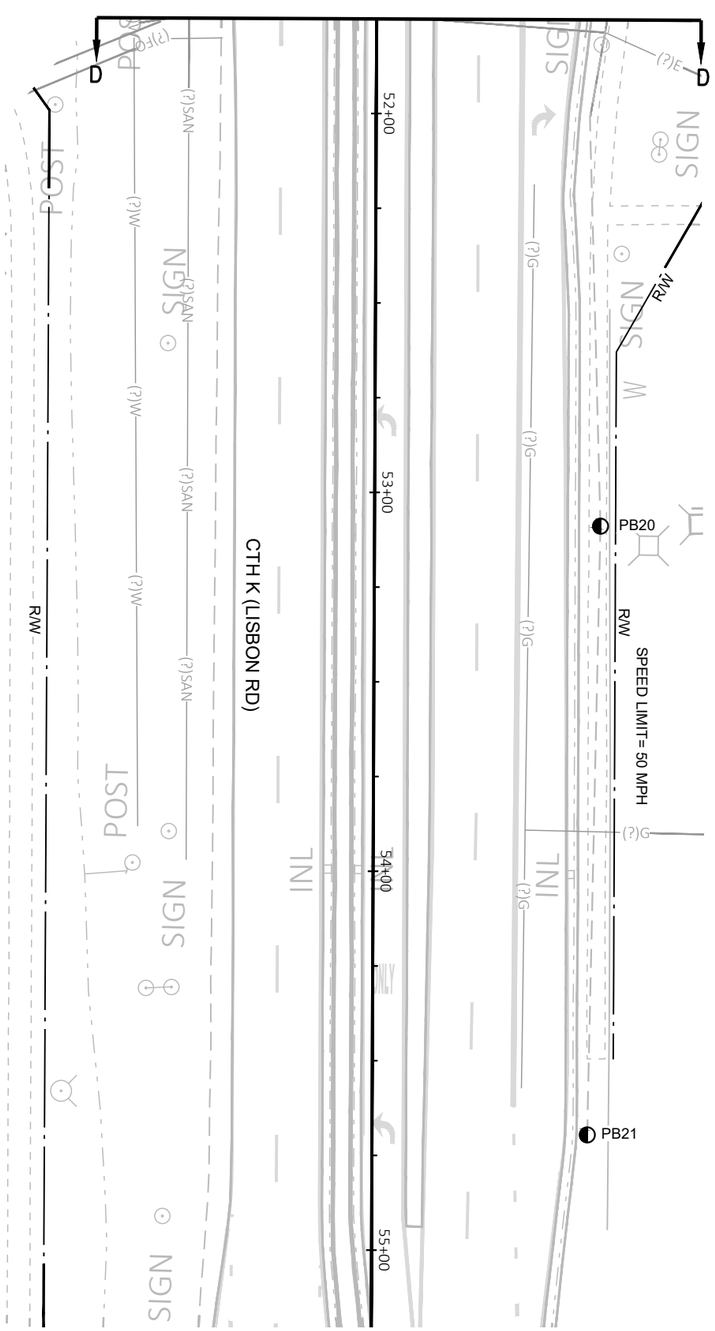
SIGNAL NO. S67-0765

REGION CONTACT: J. MURPHY
DESIGNED BY:
REVISED BY: SEH

PAGE 2 OF 3

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC SIGNAL PLAN - REMOVALS	SHEET 196	E





TRAFFIC CONTROL SIGNAL
STH 164 & CTH K (LISBON RD)
VILLAGE OF SUSSEX
WAUKESHA COUNTY

SIGNAL NO. S67-0765

REGION CONTACT: J. MURPHY
DESIGNED BY:
REVISED BY: SEH

PAGE 3 OF 3

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC SIGNAL PLAN - REMOVALS	SHEET 197	E

FILE NAME : X:\UZ\W\WITSE\173964\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\SHEET FILES\S67-0765_EX_CTHK-LISBON_2370-00-05.DWG
LAYOUT NAME - S67-0765_ex_pg3

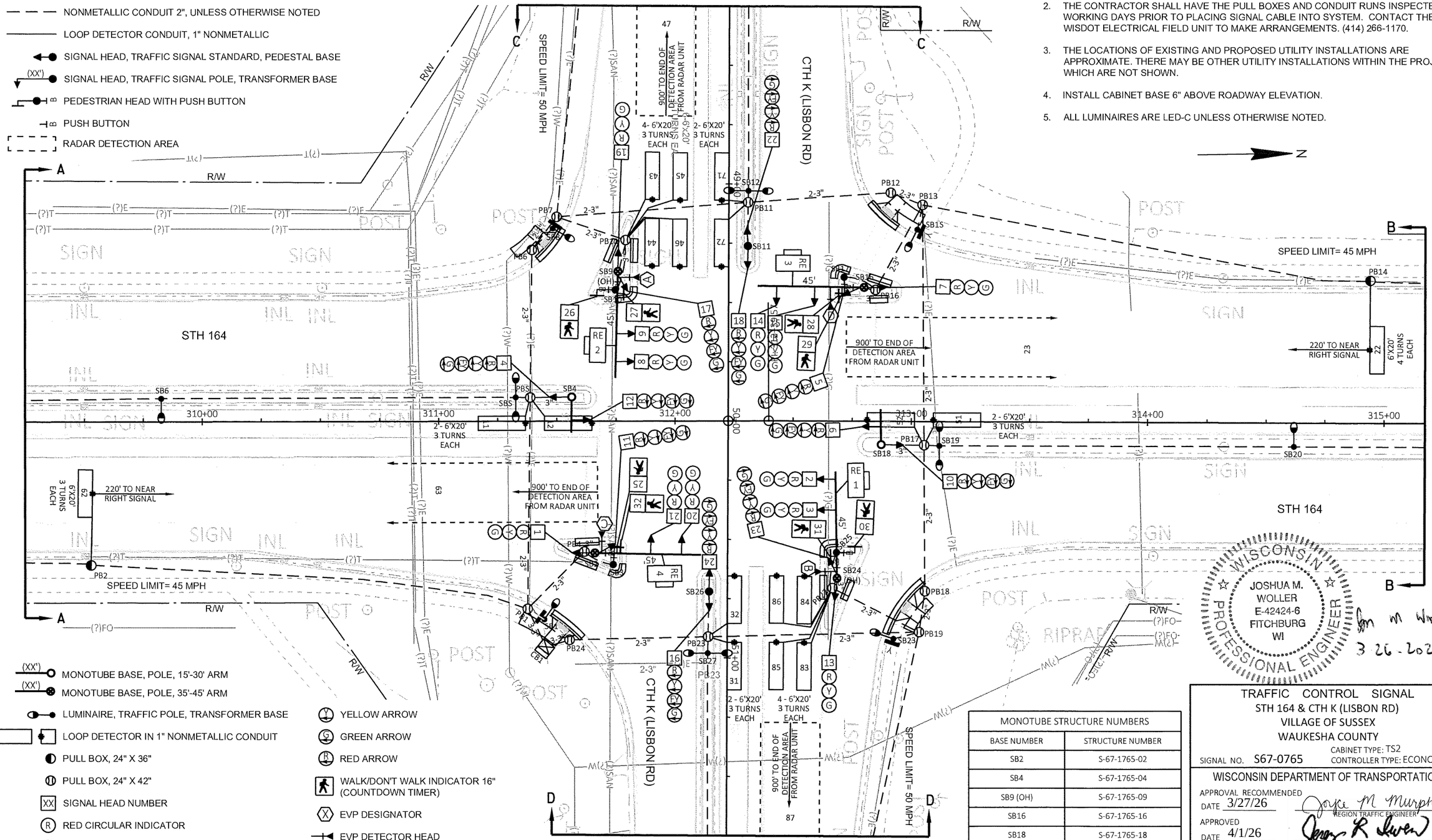
PLOT DATE : 3/26/2026 1:06 PM PLOT BY : GARY ELLIAS PLOT NAME : PLOT SCALE : 1 IN:40 FT

LEGEND

- CONTROL CABINET
- NONMETALLIC CONDUIT 2", UNLESS OTHERWISE NOTED
- LOOP DETECTOR CONDUIT, 1" NONMETALLIC
- SIGNAL HEAD, TRAFFIC SIGNAL STANDARD, PEDESTAL BASE
- (XX') SIGNAL HEAD, TRAFFIC SIGNAL POLE, TRANSFORMER BASE
- B PEDESTRIAN HEAD WITH PUSH BUTTON
- B PUSH BUTTON
- RADAR DETECTION AREA

CONSTRUCTION NOTES:

1. * LOCATION IS TO FRONT CENTER OF DETECTOR LOOP.
2. THE CONTRACTOR SHALL HAVE THE PULL BOXES AND CONDUIT RUNS INSPECTED 5 WORKING DAYS PRIOR TO PLACING SIGNAL CABLE INTO SYSTEM. CONTACT THE WISDOT ELECTRICAL FIELD UNIT TO MAKE ARRANGEMENTS. (414) 266-1170.
3. THE LOCATIONS OF EXISTING AND PROPOSED UTILITY INSTALLATIONS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT WHICH ARE NOT SHOWN.
4. INSTALL CABINET BASE 6" ABOVE ROADWAY ELEVATION.
5. ALL LUMINAIRES ARE LED-C UNLESS OTHERWISE NOTED.



- (XX') MONOTUBE BASE, POLE, 15'-30' ARM
- (XX') MONOTUBE BASE, POLE, 35'-45' ARM
- LUMINAIRE, TRAFFIC POLE, TRANSFORMER BASE
- LOOP DETECTOR IN 1" NONMETALLIC CONDUIT
- PULL BOX, 24" X 36"
- PULL BOX, 24" X 42"
- XX SIGNAL HEAD NUMBER
- R RED CIRCULAR INDICATOR
- Y YELLOW CIRCULAR INDICATOR
- G GREEN CIRCULAR INDICATOR
- Y YELLOW ARROW
- G GREEN ARROW
- R RED ARROW
- WALK/DON'T WALK INDICATOR 16" (COUNTDOWN TIMER)
- X EVP DESIGNATOR
- EVP DETECTOR HEAD
- RE XX RADAR DETECTOR

NOTE: ALL LENSES ARE 12-INCH GRAYSHADE REPRESENTS EXISTING

MONOTUBE STRUCTURE NUMBERS	
BASE NUMBER	STRUCTURE NUMBER
SB2	S-67-1765-02
SB4	S-67-1765-04
SB9 (OH)	S-67-1765-09
SB16	S-67-1765-16
SB18	S-67-1765-18
SB24 (OH)	S-67-1765-24

TRAFFIC CONTROL SIGNAL
STH 164 & CTH K (LISBON RD)
VILLAGE OF SUSSEX
WAUKESHA COUNTY

SIGNAL NO. S67-0765
CABINET TYPE: TS2
CONTROLLER TYPE: ECONOLITE

WISCONSIN DEPARTMENT OF TRANSPORTATION

APPROVAL RECOMMENDED
DATE 3/27/26 — REGION TRAFFIC ENGINEER

APPROVED
DATE 4/1/26 — STATE TRAFFIC ENGINEER

REGION CONTACT: J. MURPHY
DESIGNED BY: SEH
REVISED BY:

PAGE 1 OF 4

WISCONSIN PROFESSIONAL ENGINEER
JOSHUA M. WOLLER
E-42424-6
FITCHBURG
WI
3-26-2026

3/27/26

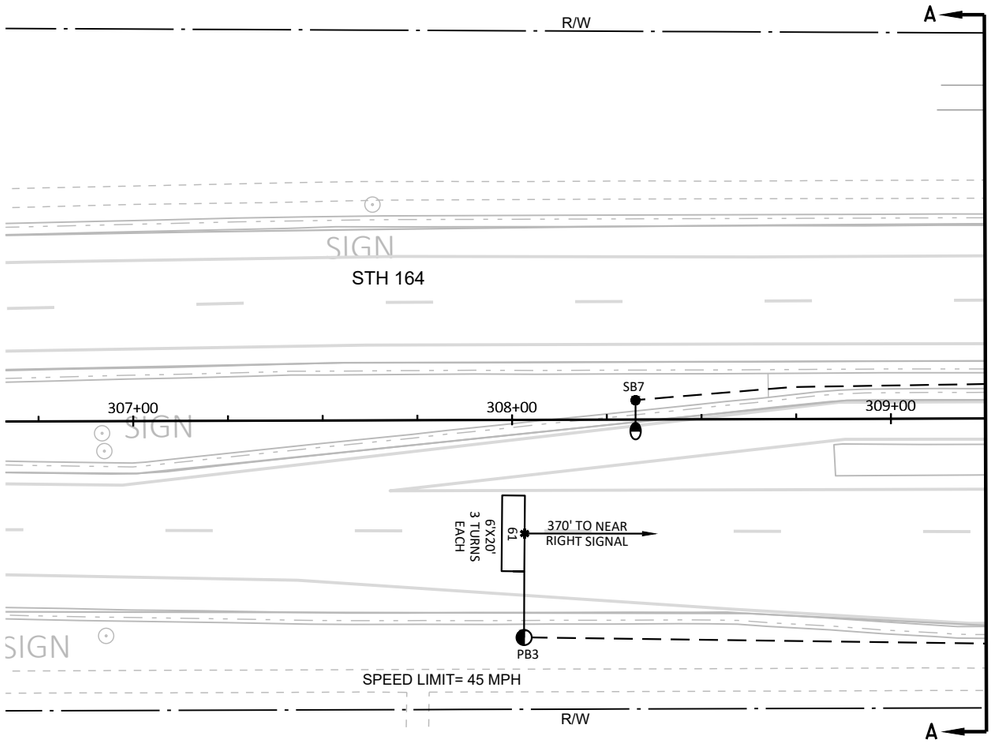
PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC SIGNAL PLAN	SHEET 198 E

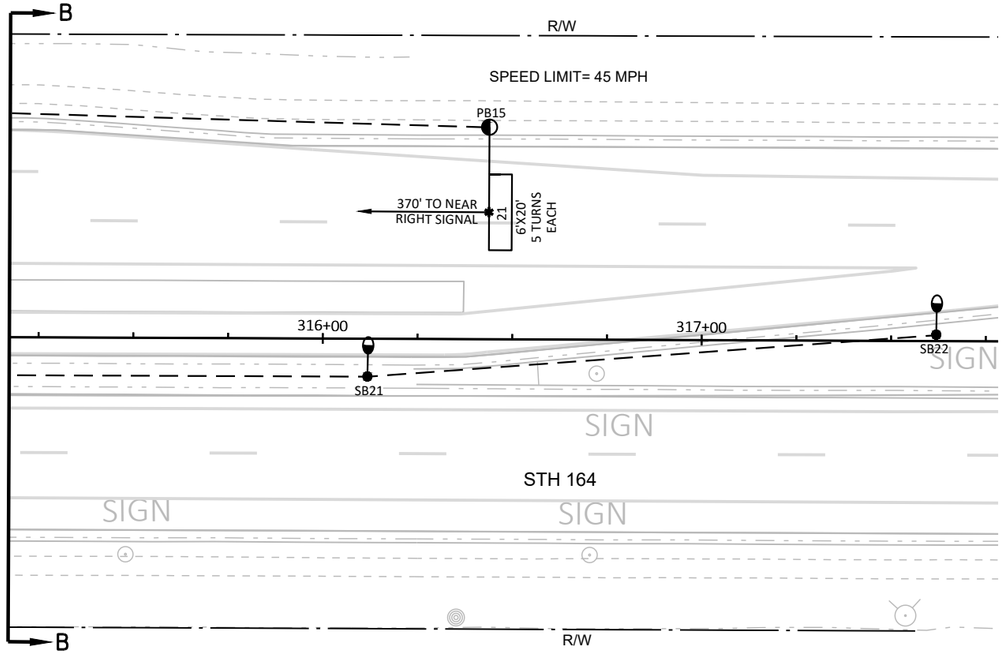
FILE NAME : X:\UZ\W\WITSE\173964\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\SHEET FILES\S67-0765_CTHK-LISBON_2370-00-05 (PROPOSED).DWG
LAYOUT NAME - S67-0765_prop_pg1
PLOT DATE : 3/9/2026 1:23 PM
PLOT BY : WALE ODUWOLE
PLOT NAME :
PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

N





TRAFFIC CONTROL SIGNAL
STH 164 & CTH K (LISBON RD)
VILLAGE OF SUSSEX
WAUKESHA COUNTY

SIGNAL NO. S67-0765

REGION CONTACT: J. MURPHY
DESIGNED BY: SEH
REVISED BY:

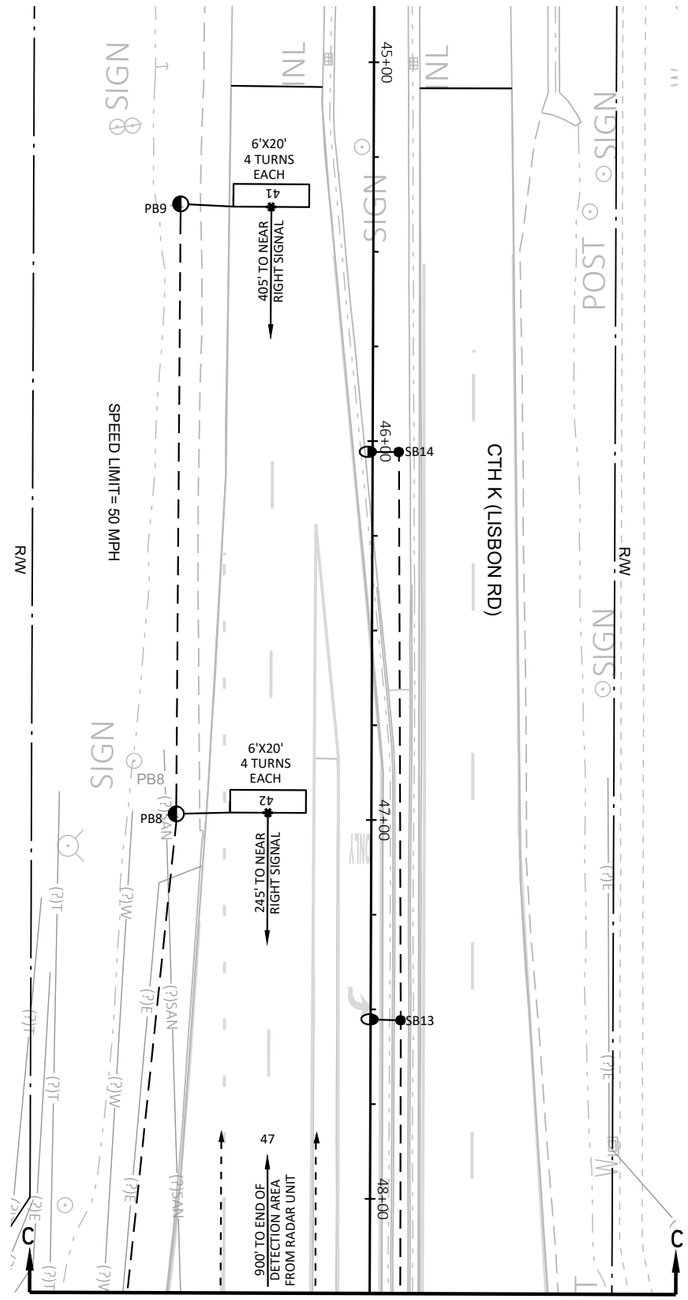
PAGE 2 OF 4

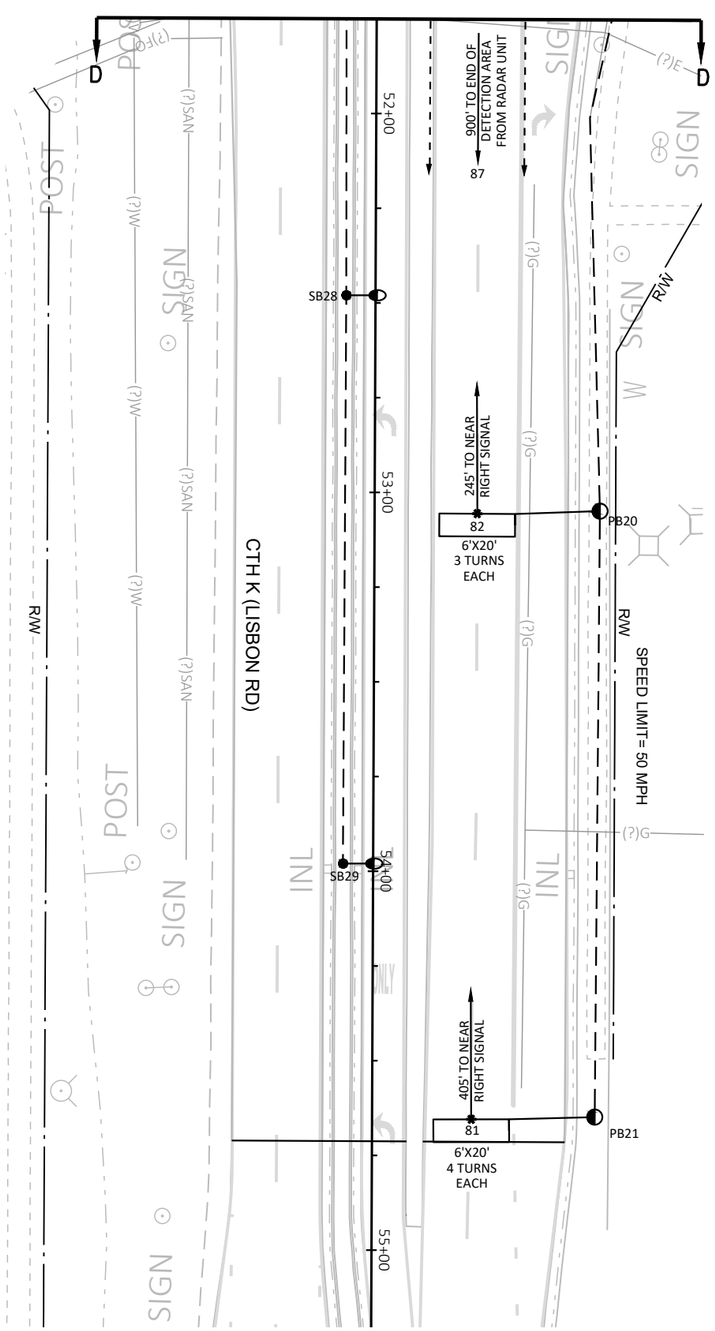
PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC SIGNAL PLAN	SHEET 199	E

FILE NAME : X:\UZ\W\WITSE\173964\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\SHEET FILES\S67-0765_CTHK-LISBON_2370-00-05 (PROPOSED).DWG
LAYOUT NAME - S67-0765_prop_pg2

PLOT DATE : 3/9/2026 1:23 PM PLOT BY : WALE ODUWOLE PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42





TRAFFIC CONTROL SIGNAL
STH 164 & CTH K (LISBON RD)
VILLAGE OF SUSSEX
WAUKESHA COUNTY

SIGNAL NO.

REGION CONTACT: J. MURPHY
DESIGNED BY: SEH
REVISED BY:

PAGE 3 OF 4

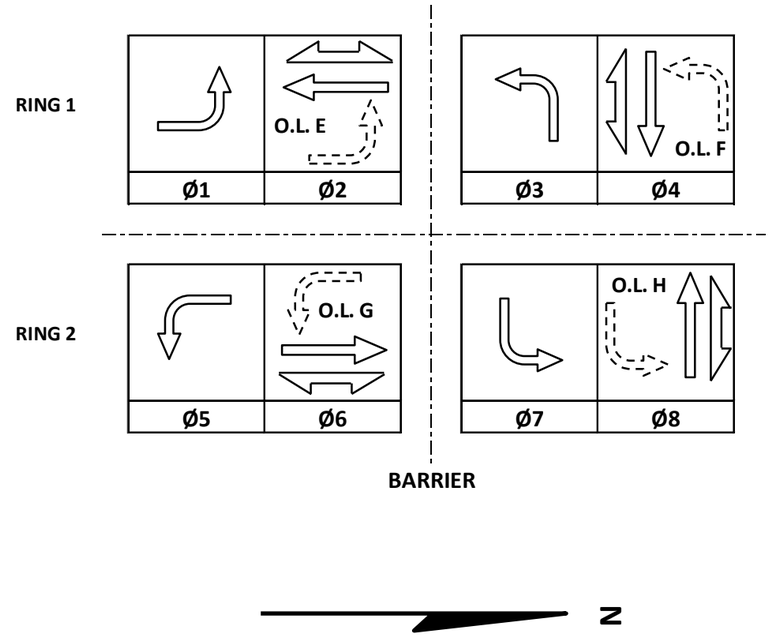
PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC SIGNAL PLAN	SHEET 200	E

FILE NAME : X:\UZ\W\WITSE\173964\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\SHEET FILES\S67-0765_CTHK-LISBON_2370-00-05 (PROPOSED).DWG
LAYOUT NAME - S67-0765_prop_pg3

PLOT DATE : 3/9/2026 1:24 PM PLOT BY : WALE ODUWOLE PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

	HEAD NUMBERS	FLASH
Ø1	4,5,6	R
Ø2	7,8,9	R
Ø3	16,17,18	R
Ø4	19,20,21	R
Ø5	10,11,12	R
Ø6	1,2,3	R
Ø7	22,23,24	R
Ø8	13,14,15	R
Ø2P	27,28	
Ø4P	25,26	
Ø6P	31,32	
Ø8P	29,30	
OLE	4,5,6	-
OLF	16,17,18	-
OLG	10,11,12	-
OLH	22,23,24	-



CONTROLLER LOGIC

PHASE NUMBER	PHASE LOCKING	DUAL ENTRY W / Ø	PHASE RECALL	PHASE ACTIVE
1		6		X
2	X	6	MIN	X
3		8		X
4		8		X
5		2		X
6	X	2	MIN	X
7		4		X
8		4		X

EMERGENCY VEHICLE PREEMPTION SEQUENCE

EMERGENCY VEHICLE PREEMPTOR	A	B	C	D
MOVEMENT				
PHASE	2+5	6+1	4+7	8+3

AFTER PREEMPTION SEQUENCE 2+5 OR 6+1, CONTROLLER SHALL RETURN TO PHASES 2+6.
AFTER PREEMPTION SEQUENCE 4+7 OR 8+3, CONTROLLER SHALL RETURN TO PHASES 4+8.

TYPE OF INTERCONNECT/COMMUNICATION	
NONE	
CLOSED LOOP	
TWISTED PAIR	
FIBER OPTIC*	
FIBER OPTIC (ETHERNET)	
RADIO	
CELL MODEM	X

TYPE OF COORDINATION	
NONE	
TBC	X
TRAFFIC RESPONSIVE	
ADAPTIVE	
*LOCATION OF MASTER CONTROLLER NO:	S- 67-0765
SIGNAL SYSTEM NO:	SS-

TYPE OF LIGHTING	
BY OTHER AGENCY	
IN TRAFFIC CABINET	X
IN SEPARATE DOT LIGHTING CABINET	

TYPE OF PRE-EMPT	
NONE	
RAILROAD	
EMERGENCY VEHICLE	X
GTT	X
TOMAR	
HARDWIRE	
OTHER	
CONFIRMATION LIGHTS	
LIFT BRIDGE	
QUEUE DETECTION	

DETECTOR LOGIC

DETECTOR INPUT	3	1	7	5	11	9	15	13	19	17	23	21	27	25	31	29	35	33	39	37	43	41	47	45	DETECTOR INPUT
PLAN LOOP DETECTOR*(S)	11	21	31	41	43	45	51	61	71	81	83	85					23	63							PLAN LOOP DETECTOR*(S)
CALLED PHASE	1	2	3	4	4	4	5	6	7	8	8	8					2	6							CALLED PHASE
CALL OPTION	X	X	X		X	X	X	X	X		X	X					X	X							CALL OPTION
DELAY TIME					X						X														DELAY TIME
EXTENTION OPTION	X	X	X	X	X	X	X	X	X	X	X	X					X	X							EXTENTION OPTION
EXTEND TIME				X						X															EXTEND TIME
USE ADDED INITIAL		X						X																	USE ADDED INITIAL
CROSS SWITCH PHASE	2		4				6		8																CROSS SWITCH PHASE

DETECTOR INPUT	4	2	8	6	12	10	16	14	20	18	24	22	28	26	32	30	36	34	40	38	44	42	48	46	DETECTOR INPUT
PLAN LOOP DETECTOR*(S)	12	22	32	42	44	46	52	62	72	82	84	86					47	87							PLAN LOOP DETECTOR*(S)
CALLED PHASE	1	2	3	4	4	4	5	6	7	8	8	8					4	8							CALLED PHASE
CALL OPTION	X	X	X		X	X	X	X	X		X	X													CALL OPTION
DELAY TIME					X						X														DELAY TIME
EXTENTION OPTION	X	X	X	X	X	X	X	X	X	X	X	X					X	X							EXTENTION OPTION
EXTEND TIME				X						X							X	X							EXTEND TIME
USE ADDED INITIAL		X						X																	USE ADDED INITIAL
CROSS SWITCH PHASE	2		4				6		8			1													CROSS SWITCH PHASE

STH 164 & CTH K (LISBON RD)
VILAGE OF SUSSEX
WASUKESHA COUNTY
SIGNAL NO: S67-0765 CABINET TYPE: TS2-S
CONTROLLER TYPE: ECONOLITE
DATE: 01/2026 PAGE NO. 4 OF 4

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WASUKESHA	SEQUENCE OF OPERATIONS	SHEET NO: 201	E

PROJECT ID:	S67-0765
INTERSECTION:	STH 164 & CTH K (LISBON ROAD)

SIGNAL WIRE COLOR CODING	BLK - BLACK	RED - RED	GRN - GREEN
	WHT - WHITE	BLU - BLUE	ORG - ORANGE

CB_ TO	AWG 14 # OF	HEAD NO.	SIGNAL INDICATION WIRE COLOR									PED BUTTON
			RED	YELLOW	GREEN	<RED>	<YELLOW>	<GREEN>	<FLASHING> <YELLOW>	D/WALK	WALK	
SB2	15	1	RED	ORG	GRN							
		11				RED/BLK	ORG/BLK	GRN/BLK	BLK/WHT			
		20	RED/WHT	ORG/WHT	GRN/WHT							
		21	RED/WHT	ORG/WHT	GRN/WHT							
		25								BLK	BLU	
		BUTTON										WHT/BLK
SB3	7	32								BLK	BLU	
		BUTTON										WHT/BLK
SB4	12	4				RED	ORG	GRN	BLK/WHT			
		12				RED/BLK	ORG/BLK	GRN/BLK	BLU/BLK			
SB9	15	8	RED	ORG	GRN							
		9	RED	ORG	GRN							
		17				RED/WHT	ORG/WHT	GRN/WHT	BLK/WHT			
		19	RED/BLK	ORG/BLK	GRN/BLK							
		27								BLK	BLU	
		BUTTON										WHT/BLK
SB10	7	26								BLK	BLU	
		BUTTON										WHT/BLK
SB11	12	18				RED	ORG	GRN	BLK/WHT			
		22				RED/BLK	ORG/BLK	GRN/BLK	BLU/BLK			
SB16	15	5				RED	ORG	GRN	BLK/WHT			
		7	RED/BLK	ORG/BLK	GRN/BLK							
		14	RED/WHT	ORG/WHT	GRN/WHT							
		15	RED/WHT	ORG/WHT	GRN/WHT							
		29								BLK	BLU	
		BUTTON										WHT/BLK
SB17	7	28								BLK	BLU	
		BUTTON										WHT/BLK
SB18	12	6				RED	ORG	GRN	BLK/WHT			
		10				RED/BLK	ORG/BLK	GRN/BLK	BLK/WHT			
SB24	12	2	RED	ORG	GRN							
		3	RED	ORG	GRN							
		13	RED/WHT	ORG/WHT	GRN/WHT							
		23				RED/BLK	ORG/BLK	GRN/BLK	BLK/WHT			
		31								BLK	BLU	
		BUTTON										WHT/BLK
SB25	7	30								BLK	BLU	
		BUTTON										WHT/BLK
SB26	12	16				RED	ORG	GRN	BLK/WHT			
		24				RED/BLK	ORG/BLK	GRN/BLK	BLU/BLK			

EQUIPMENT GROUNDING CONDUCTOR 10 AWG GREEN XLP	
FROM	TO
CB1	SB2
SB2	SB3
SB3	SB4
SB4	SB9
SB9	SB10
SB10	SB11
SB11	SB16
SB16	SB17
SB17	SB18
SB18	SB24
SB24	SB25
SB25	SB26
SB26	CB1

LIGHTING UF 2-10 AWG W/ GROUND	
FROM	TO
CB1	SB1
SB1	SB5
SB5	SB6
SB6	SB7
SB5	SB8
SB8	SB12
SB12	SB13
SB13	SB14
CB1	SB27
SB27	SB28
SB28	SB29
SB27	SB23
SB23	SB19
SB19	SB15
SB19	SB20
SB20	SB21
SB21	SB22

EMERGENCY VEHICLE PREEMPTION	
FROM	TO
CB1	SB9 (HEAD A)
CB1	SB24 (HEAD B)
CB1	SB2 (HEAD C)
CB1	SB16 (HEAD D)

*USE THE WHITE CONDUCTOR IN THE CABLE ASSEMBLY AS THE GROUNDED CONDUCTOR FOR ALL TRAFFIC SIGNAL INDICATIONS
*ENSURE THE GROUNDED CONDUCTOR IN THE FEEDER CABLE AND THE POLE CABLES ARE BOTH 12" LONGER THAN THE UNGROUNDED CONDUCTORS.
*AT THE SIGNAL BASES, CONNECT ONE TERMINAL FROM THE PEDESTRAIN PUSH BUTTONS TO THE COLOR INDICATED IN THE CHART. CONNECT THE OTHER TERMINAL TO THE GROUNDE
"OTHER" COLUMN MAY INCLUDE SHADOW BOX SIGN

2

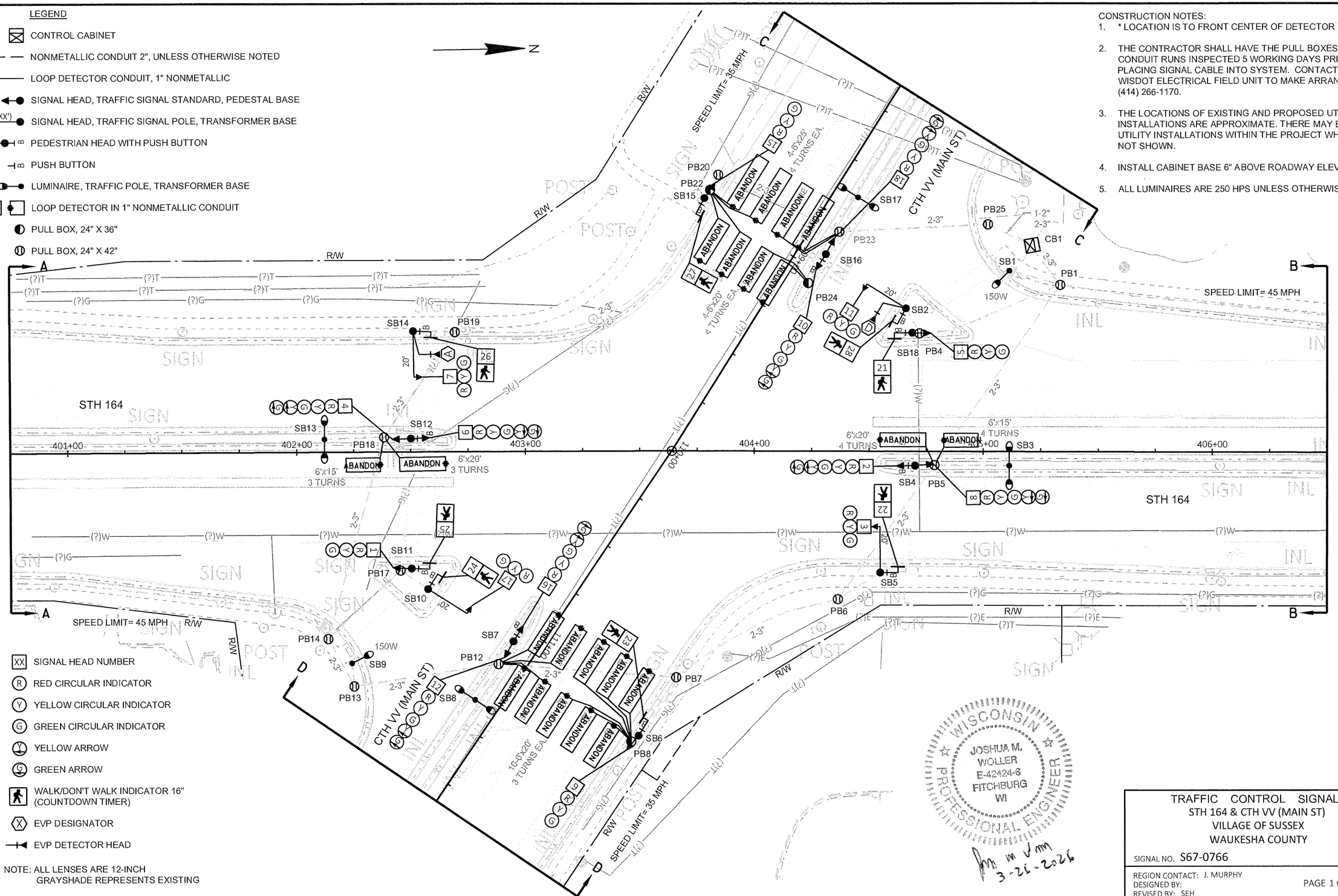
2

LEGEND

- CONTROL CABINET
- NONMETALLIC CONDUIT 2", UNLESS OTHERWISE NOTED
- LOOP DETECTOR CONDUIT, 1" NONMETALLIC
- SIGNAL HEAD, TRAFFIC SIGNAL STANDARD, PEDESTAL BASE
- (XX') SIGNAL HEAD, TRAFFIC SIGNAL POLE, TRANSFORMER BASE
- PEDESTRIAN HEAD WITH PUSH BUTTON
- PUSH BUTTON
- LUMINAIRE, TRAFFIC POLE, TRANSFORMER BASE
- LOOP DETECTOR IN 1" NONMETALLIC CONDUIT
- PULL BOX, 24" X 36"
- PULL BOX, 24" X 42"

CONSTRUCTION NOTES:

1. * LOCATION IS TO FRONT CENTER OF DETECTOR LOOP.
2. THE CONTRACTOR SHALL HAVE THE PULL BOXES AND CONDUIT RUNS INSPECTED 5 WORKING DAYS PRIOR TO PLACING SIGNAL CABLE INTO SYSTEM. CONTACT THE WISDOT ELECTRICAL FIELD UNIT TO MAKE ARRANGEMENTS. (414) 266-1170.
3. THE LOCATIONS OF EXISTING AND PROPOSED UTILITY INSTALLATIONS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT WHICH ARE NOT SHOWN.
4. INSTALL CABINET BASE 6" ABOVE ROADWAY ELEVATION.
5. ALL LUMINAIRES ARE 250 HPS UNLESS OTHERWISE NOTED.



XX SIGNAL HEAD NUMBER
R RED CIRCULAR INDICATOR
Y YELLOW CIRCULAR INDICATOR
G GREEN CIRCULAR INDICATOR
Y YELLOW ARROW
G GREEN ARROW
WALK/DON'T WALK INDICATOR 16" (COUNTDOWN TIMER)
X EVP DESIGNATOR
EVP DETECTOR HEAD

NOTE: ALL LENSES ARE 12-INCH GRAYSHADE REPRESENTS EXISTING

WISCONSIN
JOSHUA M. WOLLER
E-42424-6
FITCHBURG
WI
PROFESSIONAL ENGINEER
3-26-2026

TRAFFIC CONTROL SIGNAL
STH 164 & CTH VV (MAIN ST)
VILLAGE OF SUSSEX
WAUKESHA COUNTY

SIGNAL NO. S67-0766

REGION CONTACT: J. MURPHY
DESIGNED BY:
REVISED BY: SEH

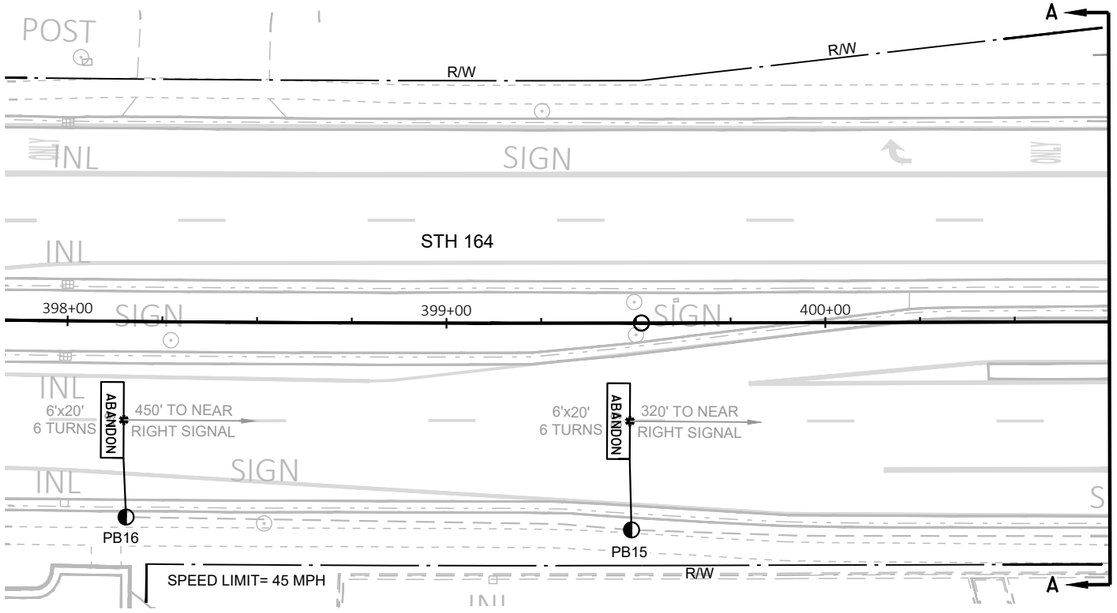
PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC SIGNAL PLAN - REMOVALS	SHEET 204 E

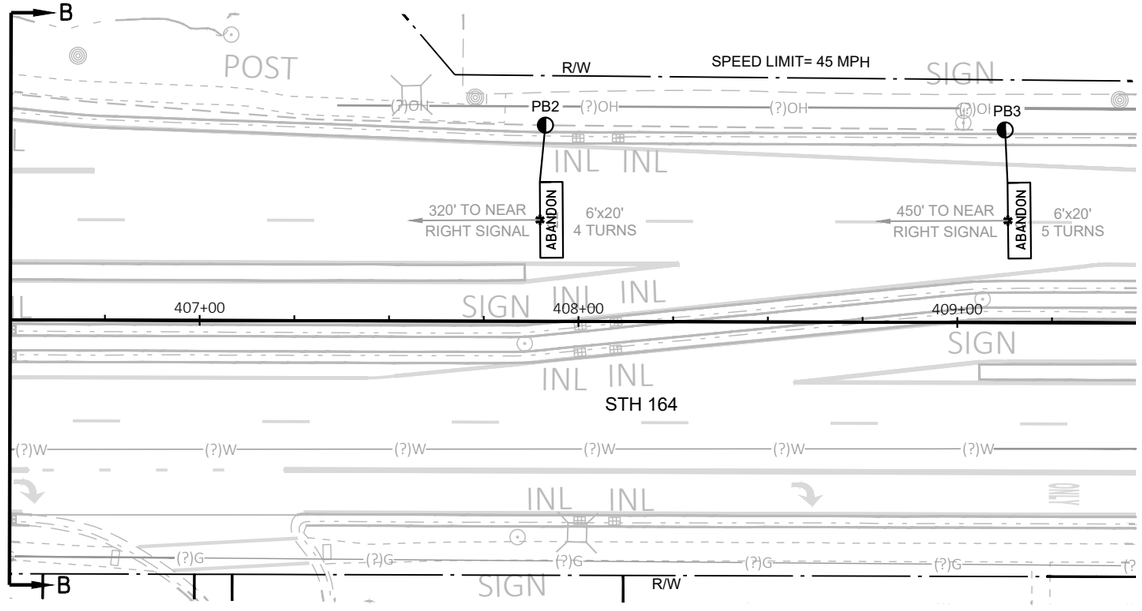
FILE NAME : X:\UZ\W\WITSE\173964\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\SHEET FILES\S67-0766_EX_CTHVV-SILVERSPRING_2370-00-05.DWG
LAYOUT NAME - S67-0766_ex_pg1

PLOT DATE : 3/26/2026 1:11 PM PLOT BY : GARY ELLIAS PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

N





TRAFFIC CONTROL SIGNAL
STH 164 & CTH VV (MAIN ST)
VILLAGE OF SUSSEX
WAUKESHA COUNTY

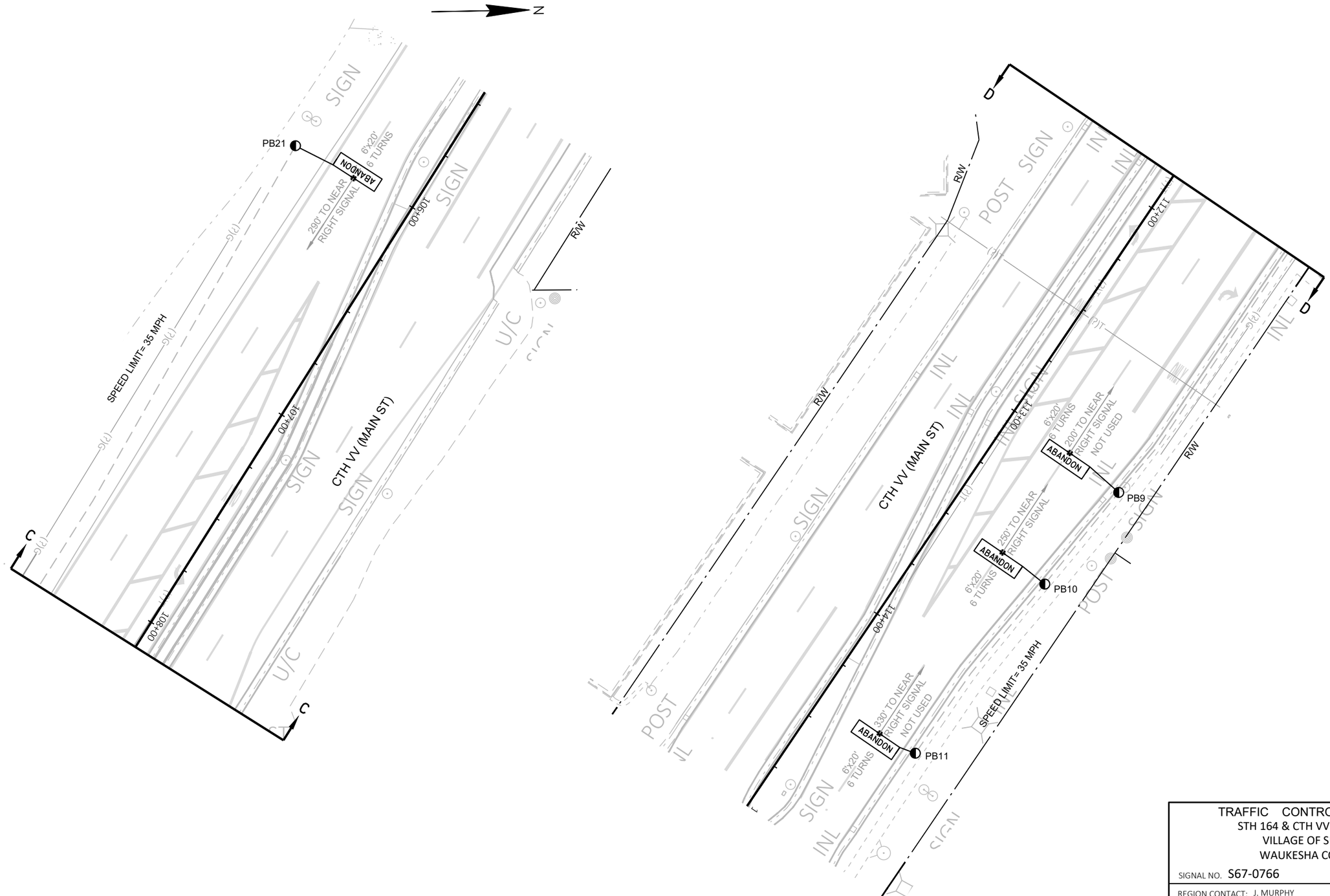
SIGNAL NO. S67-0766

REGION CONTACT: J. MURPHY
DESIGNED BY:
REVISED BY: SEH

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC SIGNAL PLAN - REMOVALS	SHEET 205	E

FILE NAME : X:\UZ\W\WITSE\173964\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\SHEET FILES\S67-0766_EX_CTHVV-SILVERSPRING_2370-00-05.DWG
LAYOUT NAME - S67-0766_ex_pg2
PLOT DATE : 3/26/2026 1:11 PM
PLOT BY : GARY ELLIAS
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2



TRAFFIC CONTROL SIGNAL
STH 164 & CTH VV (MAIN ST)
VILLAGE OF SUSSEX
WAUKESHA COUNTY

SIGNAL NO. S67-0766

REGION CONTACT: J. MURPHY
DESIGNED BY:
REVISED BY: SEH

PAGE 3 OF 3

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC SIGNAL PLAN - REMOVALS	SHEET 206	E

FILE NAME : X:\UZ\W\WITSE\173964\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\SHEET FILES\S67-0766_EX_CTHVV-SILVERSPRING_2370-00-05.DWG
LAYOUT NAME - S67-0766_ex_pg3

PLOT DATE : 3/26/2026 1:12 PM PLOT BY : GARY ELLIAS PLOT NAME : PLOT SCALE : 1 IN:40 FT

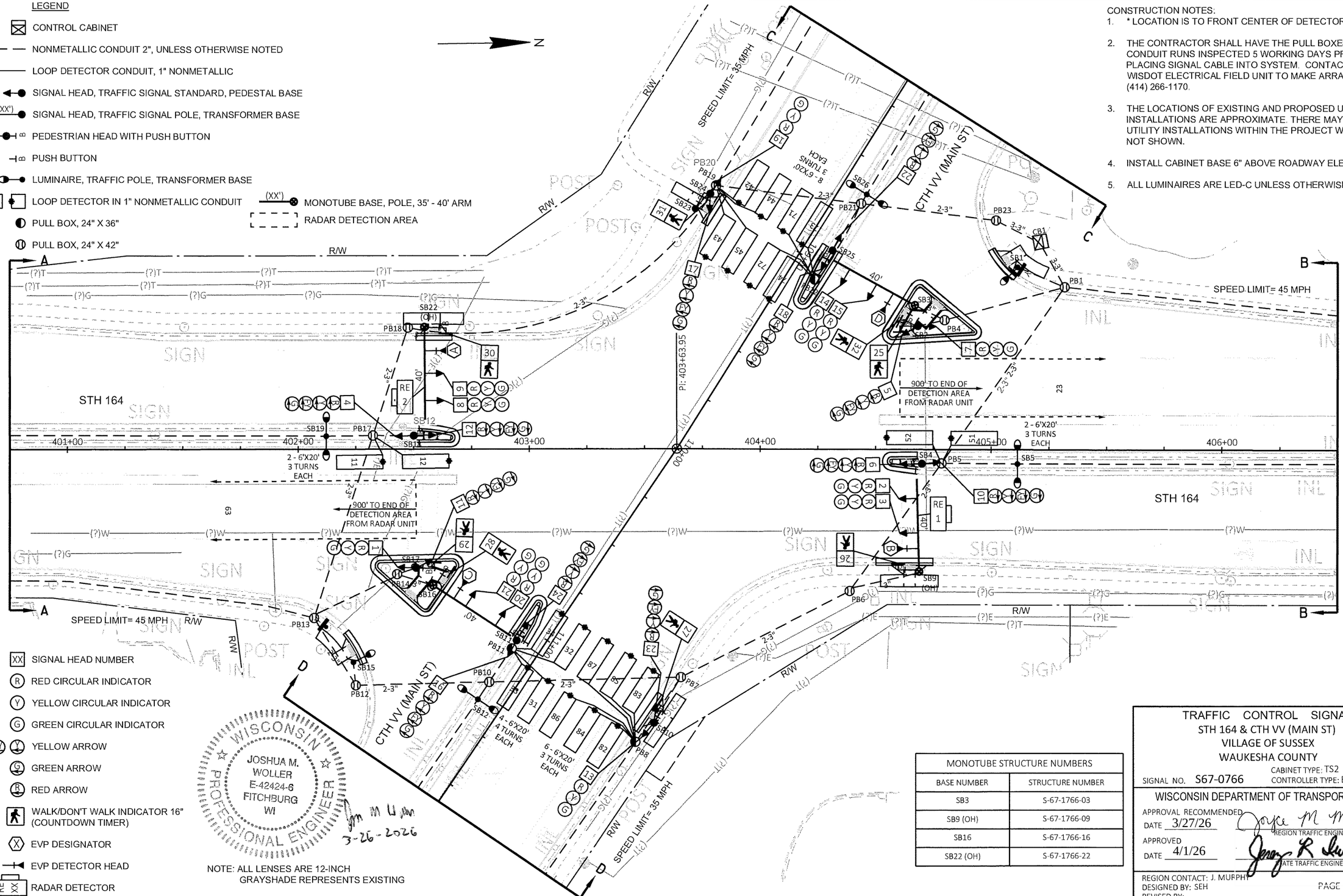
2

LEGEND

- CONTROL CABINET
- NONMETALLIC CONDUIT 2", UNLESS OTHERWISE NOTED
- LOOP DETECTOR CONDUIT, 1" NONMETALLIC
- SIGNAL HEAD, TRAFFIC SIGNAL STANDARD, PEDESTAL BASE
- (XX') SIGNAL HEAD, TRAFFIC SIGNAL POLE, TRANSFORMER BASE
- PEDESTRIAN HEAD WITH PUSH BUTTON
- PUSH BUTTON
- LUMINAIRE, TRAFFIC POLE, TRANSFORMER BASE
- LOOP DETECTOR IN 1" NONMETALLIC CONDUIT
- (XX') MONOTUBE BASE, POLE, 35' - 40' ARM
- RADAR DETECTION AREA
- PULL BOX, 24" X 36"
- PULL BOX, 24" X 42"

CONSTRUCTION NOTES:

1. * LOCATION IS TO FRONT CENTER OF DETECTOR LOOP.
2. THE CONTRACTOR SHALL HAVE THE PULL BOXES AND CONDUIT RUNS INSPECTED 5 WORKING DAYS PRIOR TO PLACING SIGNAL CABLE INTO SYSTEM. CONTACT THE WISDOT ELECTRICAL FIELD UNIT TO MAKE ARRANGEMENTS. (414) 266-1170.
3. THE LOCATIONS OF EXISTING AND PROPOSED UTILITY INSTALLATIONS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT WHICH ARE NOT SHOWN.
4. INSTALL CABINET BASE 6" ABOVE ROADWAY ELEVATION.
5. ALL LUMINAIRES ARE LED-C UNLESS OTHERWISE NOTED.



XX SIGNAL HEAD NUMBER
R RED CIRCULAR INDICATOR
Y YELLOW CIRCULAR INDICATOR
G GREEN CIRCULAR INDICATOR
FY YELLOW ARROW
FG GREEN ARROW
R RED ARROW
WALK/DON'T WALK INDICATOR 16" (COUNTDOWN TIMER)
X EVP DESIGNATOR
EVP DETECTOR HEAD
RE RADAR DETECTOR

NOTE: ALL LENSES ARE 12-INCH
GRAYSHADE REPRESENTS EXISTING

WISCONSIN PROFESSIONAL ENGINEER
JOSHUA M. WOLLER
E-42424-6
FITCHBURG
WI
3-26-2026

MONOTUBE STRUCTURE NUMBERS	
BASE NUMBER	STRUCTURE NUMBER
SB3	S-67-1766-03
SB9 (OH)	S-67-1766-09
SB16	S-67-1766-16
SB22 (OH)	S-67-1766-22

TRAFFIC CONTROL SIGNAL
STH 164 & CTH VV (MAIN ST)
VILLAGE OF SUSSEX
WAUKESHA COUNTY
SIGNAL NO. S67-0766
CABINET TYPE: TS2
CONTROLLER TYPE: ECONOLITE

WISCONSIN DEPARTMENT OF TRANSPORTATION
APPROVAL RECOMMENDED DATE 3/27/26 — REGION TRAFFIC ENGINEER
APPROVED DATE 4/1/26 — STATE TRAFFIC ENGINEER
REGION CONTACT: J. MURPHY
DESIGNED BY: SEH
REVISED BY:

PAGE 1 OF 4

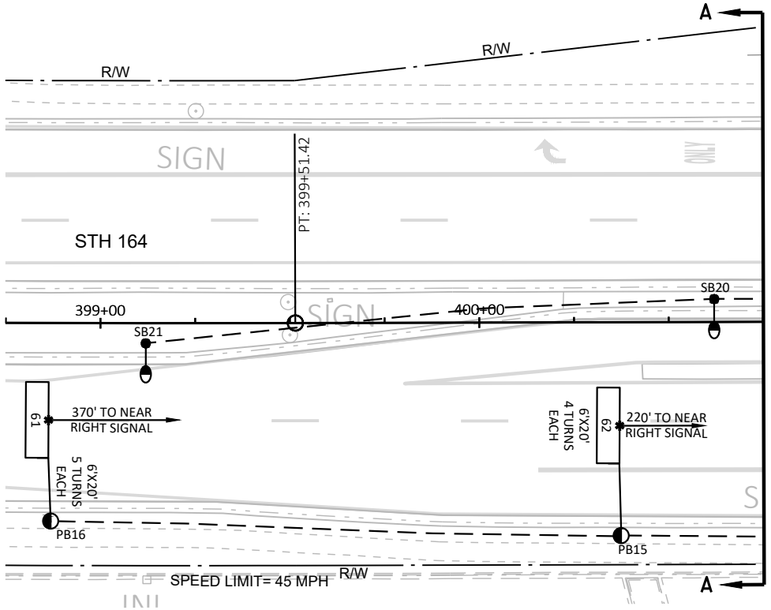
3/27/26

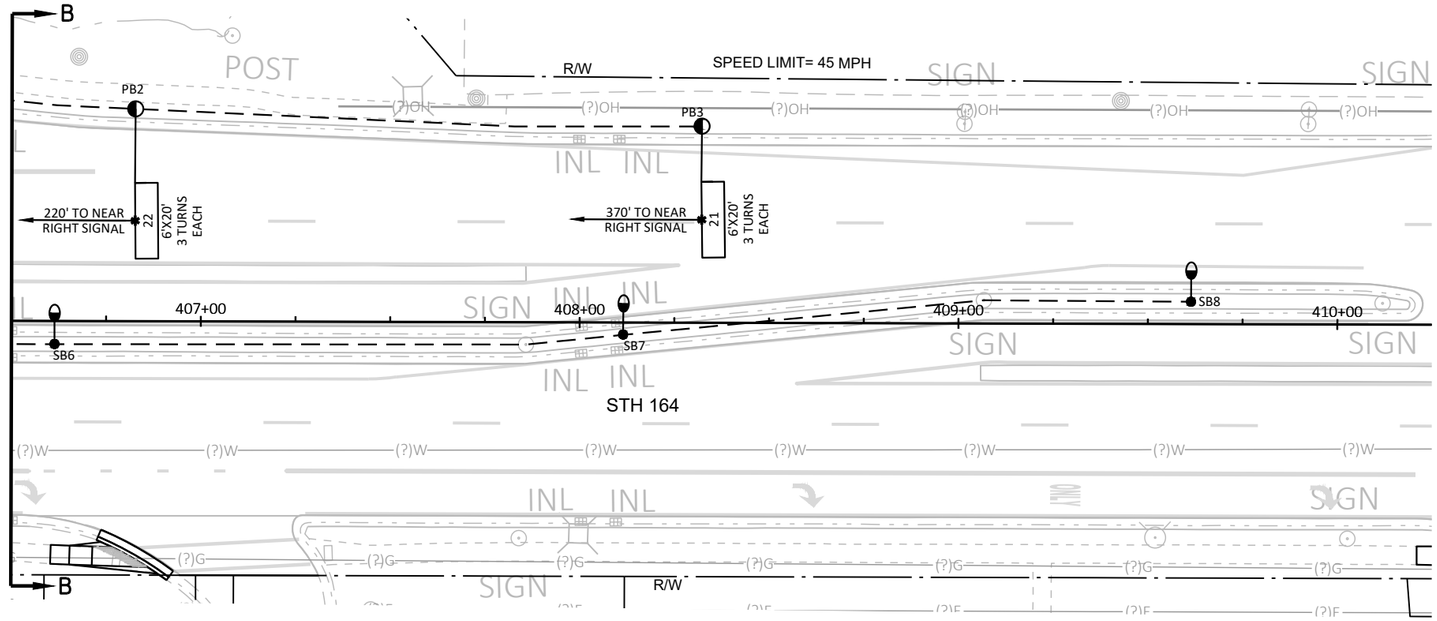
PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC SIGNAL PLAN	SHEET 207 E

FILE NAME : X:\UZ\W\WITSE\173964\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\SHEET FILES\S67-0766_CTHVV-SILVERSPRING_2370-00-05 (PROPOSED).DWG
LAYOUT NAME - S67-0766_prop_pg1
PLOT DATE : 3/9/2026 1:42 PM PLOT BY : WALE ODUWOLE PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

N





TRAFFIC CONTROL SIGNAL
STH 164 & CTH VV (MAIN ST)
VILLAGE OF SUSSEX
WAUKESHA COUNTY

SIGNAL NO. S67-0766

REGION CONTACT: J. MURPHY
DESIGNED BY: SEH
REVISED BY:

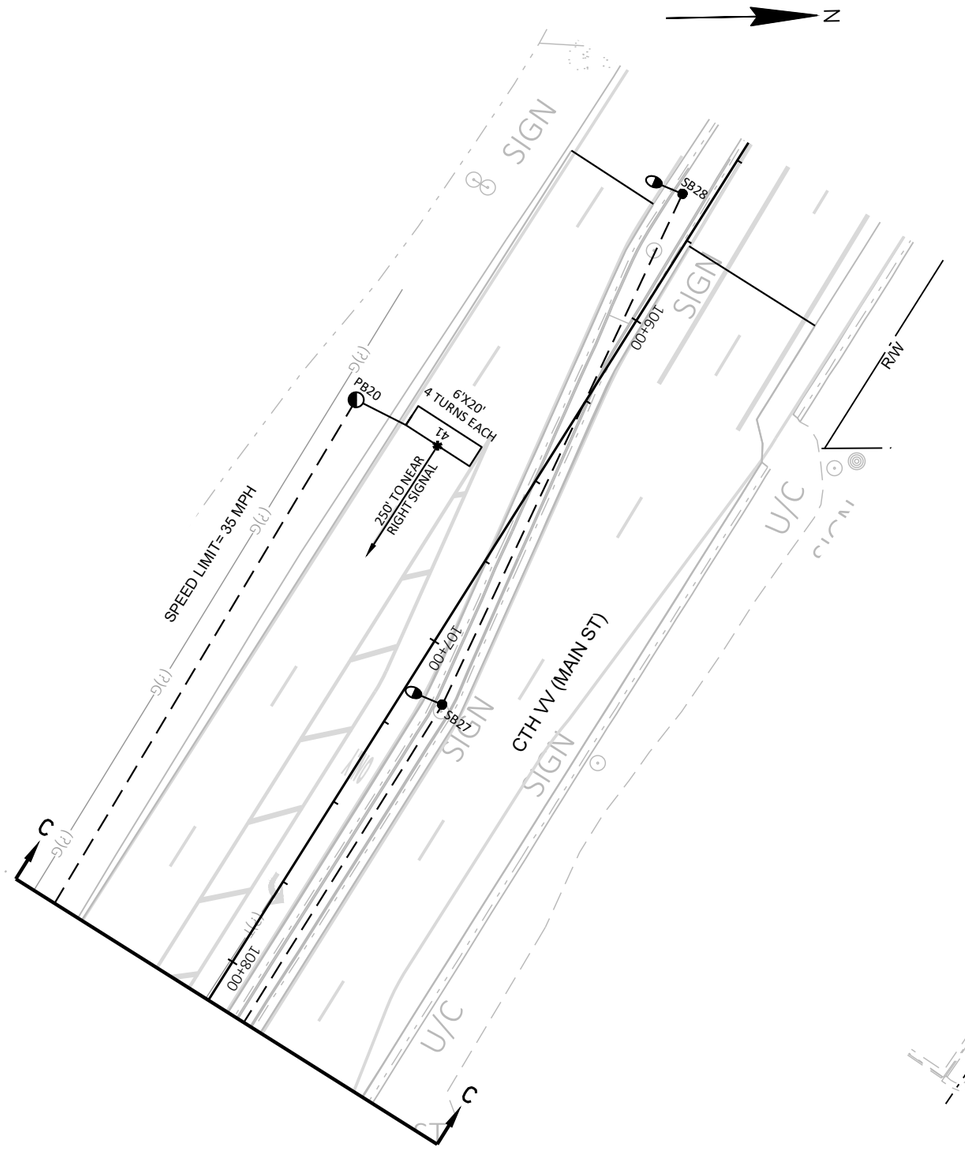
PAGE 2 OF 4

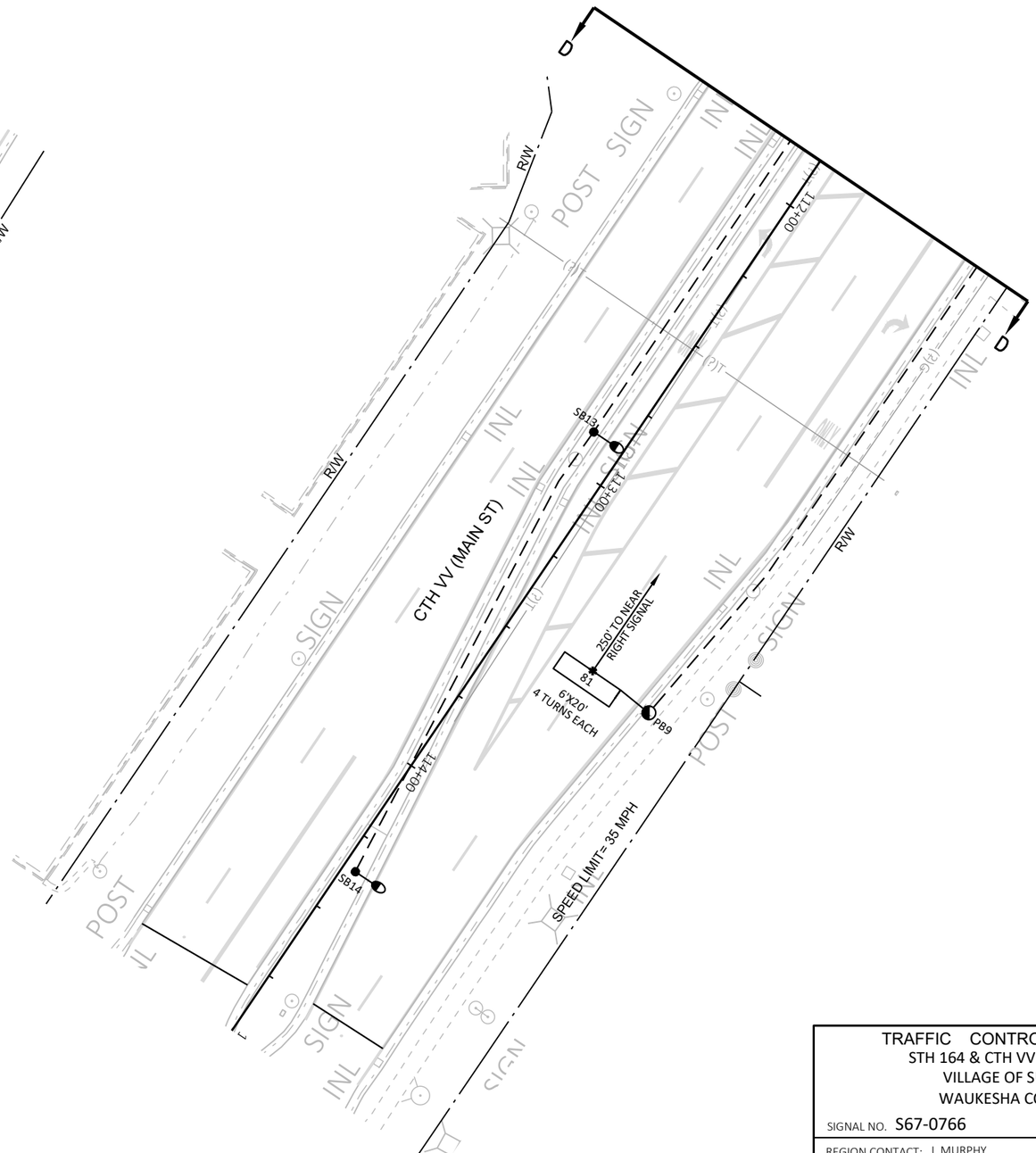
PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC SIGNAL PLAN	SHEET 208	E

FILE NAME : X:\UZ\W\WITSE\173964\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\SHEET FILES\S67-0766_CTHVV-SILVERSPRING_2370-00-05 (PROPOSED).DWG
LAYOUT NAME - S67-0766_prop_pg2

PLOT DATE : 3/9/2026 1:43 PM PLOT BY : WALE ODUWOLE PLOT NAME : PLOT SCALE : ##########

2





TRAFFIC CONTROL SIGNAL
STH 164 & CTH VV (MAIN ST)
VILLAGE OF SUSSEX
WAUKESHA COUNTY

SIGNAL NO. S67-0766

REGION CONTACT: J. MURPHY
DESIGNED BY: SEH
REVISED BY:

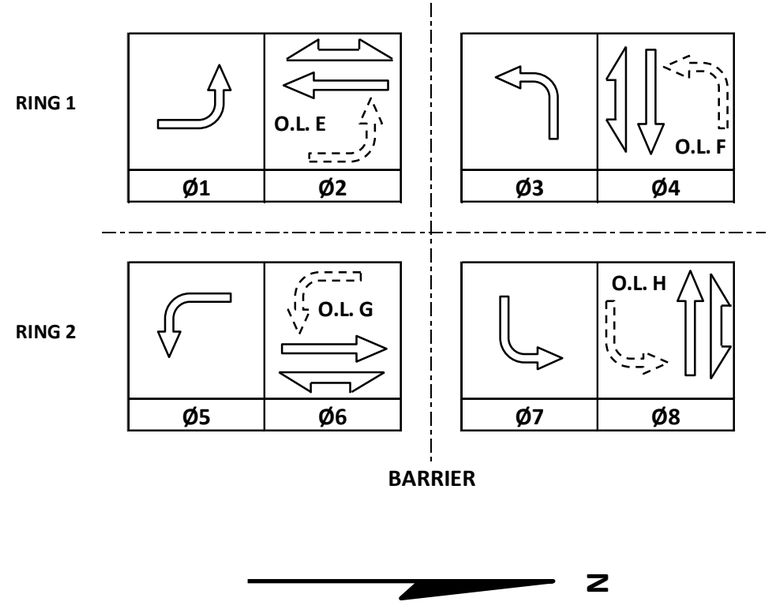
PAGE 3 OF 4

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC SIGNAL PLAN	SHEET 209	E

FILE NAME : X:\UZ\W\WITSE\173964\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\SHEET FILES\S67-0766_CTHVV-SILVERSPRING_2370-00-05 (PROPOSED).DWG
LAYOUT NAME - S67-0766_prop_pg3

PLOT DATE : 3/9/2026 1:43 PM PLOT BY : WALE ODUWOLE PLOT NAME : PLOT SCALE : ##########

	HEAD NUMBERS	FLASH
Ø1	4,5,6	R
Ø2	7,8,9	R
Ø3	16,17,18	R
Ø4	19,20,21	R
Ø5	10,11,12	R
Ø6	1,2,3	R
Ø7	22,23,24	R
Ø8	13,14,15	R
Ø2P	31,32	
Ø4P	29,30	
Ø6P	27,28	
Ø8P	25,26	
OLE	4,5,6	-
OLF	16,17,18	-
OLG	10,11,12	-
OLH	22,23,24	-



CONTROLLER LOGIC

PHASE NUMBER	PHASE LOCKING	DUAL ENTRY W / Ø	PHASE RECALL	PHASE ACTIVE
1		6		X
2	X	6	MIN	X
3		8		X
4		8		X
5		2		X
6	X	2	MIN	X
7		4		X
8		4		X

EMERGENCY VEHICLE PREEMPTION SEQUENCE

EMERGENCY VEHICLE PREEMPTOR	A	B	C	D
MOVEMENT				
PHASE	2+5	6+1	4+7	8+3

AFTER PREEMPTION SEQUENCE 2+5 OR 6+1, CONTROLLER SHALL RETURN TO PHASES 2+6.
AFTER PREEMPTION SEQUENCE 4+7 OR 8+3, CONTROLLER SHALL RETURN TO PHASES 4+8.

TYPE OF INTERCONNECT/COMMUNICATION	
NONE	
CLOSED LOOP	
TWISTED PAIR	
FIBER OPTIC*	
FIBER OPTIC (ETHERNET)	X
RADIO	
CELL MODEM	

TYPE OF COORDINATION	
NONE	
TBC	X
TRAFFIC RESPONSIVE	
ADAPTIVE	
*LOCATION OF MASTER CONTROLLER NO:	S- 67-0766
SIGNAL SYSTEM NO:	SS-

TYPE OF LIGHTING	
BY OTHER AGENCY	
IN TRAFFIC CABINET	X
IN SEPARATE DOT LIGHTING CABINET	

TYPE OF PRE-EMPT	
NONE	
RAILROAD	
EMERGENCY VEHICLE	X
GTT	X
TOMAR	
HARDWIRE	
OTHER	
CONFIRMATION LIGHTS	
LIFT BRIDGE	
QUEUE DETECTION	

DETECTOR LOGIC

DETECTOR INPUT	3	1	7	5	11	9	15	13	19	17	23	21	27	25	31	29	35	33	39	37	43	41	47	45	DETECTOR INPUT
PLAN LOOP DETECTOR*(S)	11	21	31	33	41	43	45	52	62	72	74	82	84	86			23								PLAN LOOP DETECTOR*(S)
CALLED PHASE	1	2	3	3	4	4	4	5	6	7	7	8	8	8			2								CALLED PHASE
CALL OPTION	X	X	X	X		X	X	X	X	X	X	X	X	X			X								CALL OPTION
DELAY TIME						X						X													DELAY TIME
EXTENSION OPTION	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X								EXTENSION OPTION
EXTEND TIME					X																				EXTEND TIME
USE ADDED INITIAL		X							X																USE ADDED INITIAL
CROSS SWITCH PHASE	2			4				6		8	8														CROSS SWITCH PHASE

DETECTOR INPUT	4	2	8	6	12	10	16	14	20	18	24	22	28	26	32	30	36	34	40	38	44	42	48	46	DETECTOR INPUT
PLAN LOOP DETECTOR*(S)	12	22	32	34	42	44	51	61	71	73	81	83	85	87			63								PLAN LOOP DETECTOR*(S)
CALLED PHASE	1	2	3	3	4	4	5	6	7	7	8	8	8	8			6								CALLED PHASE
CALL OPTION	X	X	X	X	X	X	X	X	X	X		X	X	X			X								CALL OPTION
DELAY TIME					X							X													DELAY TIME
EXTENSION OPTION	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X								EXTENSION OPTION
EXTEND TIME											X														EXTEND TIME
USE ADDED INITIAL		X						X																	USE ADDED INITIAL
CROSS SWITCH PHASE	2			4			6		8	8															CROSS SWITCH PHASE

STH 164 & CTH VV (MAIN ST)
VILLAGE OF SUSSEX
WAUKESHA COUNTY

SIGNAL NO: S67-0766 CABINET TYPE: TS2-S
CONTROLLER TYPE: ECONOLITE
DATE: 01/2026 PAGE NO. 4 OF 4

PROJECT ID:	S67-0766
INTERSECTION:	(STH 164) & Mainstreet

SIGNAL WIRE COLOR CODING	BLK - BLACK	RED - RED	GRN - GREEN
	WHT - WHITE	BLU - BLUE	ORG - ORANGE

CB_ TO	AWG 14 # OF COND.	HEAD NO.	SIGNAL INDICATION WIRE COLOR									PED BUTTON
			RED	YELLOW	GREEN	<RED>	<YELLOW>	<GREEN>	<FLASHING>	D/WALK	WALK	
SB2	12	5				RED/BLK	ORG/BLK	GRN/BLK	BLK/WHT			
		7	RED	ORG	GRN							
		25								BLK	BLU	
		BUTTON										WHT/BLK
SB3	12	14	RED	ORG	GRN							
		15	RED	ORG	GRN							
		18				RED/BLK	ORG/BLK	GRN/BLK	BLK/WHT			
		32								BLK	BLU	
		BUTTON										WHT/BLK
SB4	7	10				RED	ORG	GRN	BLK/WHT			
SB9	12	2	RED	ORG	GRN							
		3	RED	ORG	GRN							
		6				RED/BLK	ORG/BLK	GRN/BLK	BLK/WHT			
		26								BLK	BLU	
		BUTTON										WHT/BLK
SB10	12	13	RED/BLK	ORG/BLK	GRN/BLK							
		23				RED	ORG	GRN	BLK/WHT			
		27								BLK	BLU	
		BUTTON										WHT/BLK
SB11	7	16				RED	ORG	GRN	BLK/WHT			
SB16	12	20	RED	ORG	GRN							
		21	RED	ORG	GRN							
		24				RED/BLK	ORG/BLK	GRN/BLK	BLK/WHT			
		28								BLK	BLU	
		BUTTON										WHT/BLK
SB17	12	1	RED	ORG	GRN							
		11				RED/BLK	ORG/BLK	GRN/BLK	BLK/WHT			
		29								BLK	BLU	
		BUTTON										WHT/BLK
SB18	7	4				RED	ORG	GRN	BLK/WHT			
SB22	12	8	RED	ORG	GRN							
		9	RED	ORG	GRN							
		12				RED/BLK	ORG/BLK	GRN/BLK	BLK/WHT			
		30								BLK	BLU	
		BUTTON										WHT/BLK
SB23	7	31								BLK	BLU	
		BUTTON										WHT/BLK
SB24	12	17				RED/BLK	ORG/BLK	GRN/BLK	BLK/WHT			
		19	RED	ORG	GRN							
SB25	7	22				RED	ORG	GRN	BLK/WHT			

EQUIPMENT GROUNDING CONDUCTOR 10 AWG GREEN XLP	
FROM	TO
CB1	SB2
SB2	SB3
SB3	SB4
SB4	SB9
SB9	SB10
SB10	SB11
SB11	SB16
SB16	SB17
SB17	SB18
SB18	SB22
SB22	SB23
SB23	SB24
SB24	SB25
SB25	CB1

LIGHTING UF 2-10 AWG W/ GROUND	
FROM	TO
CB1	SB5
SB5	SB6
SB6	SB7
SB7	SB8
SB5	SB12
SB12	SB13
SB13	SB14
SB12	SB15
CB1	SB26
SB26	SB27
SB27	SB28
SB26	SB19
SB19	SB20
SB20	SB21

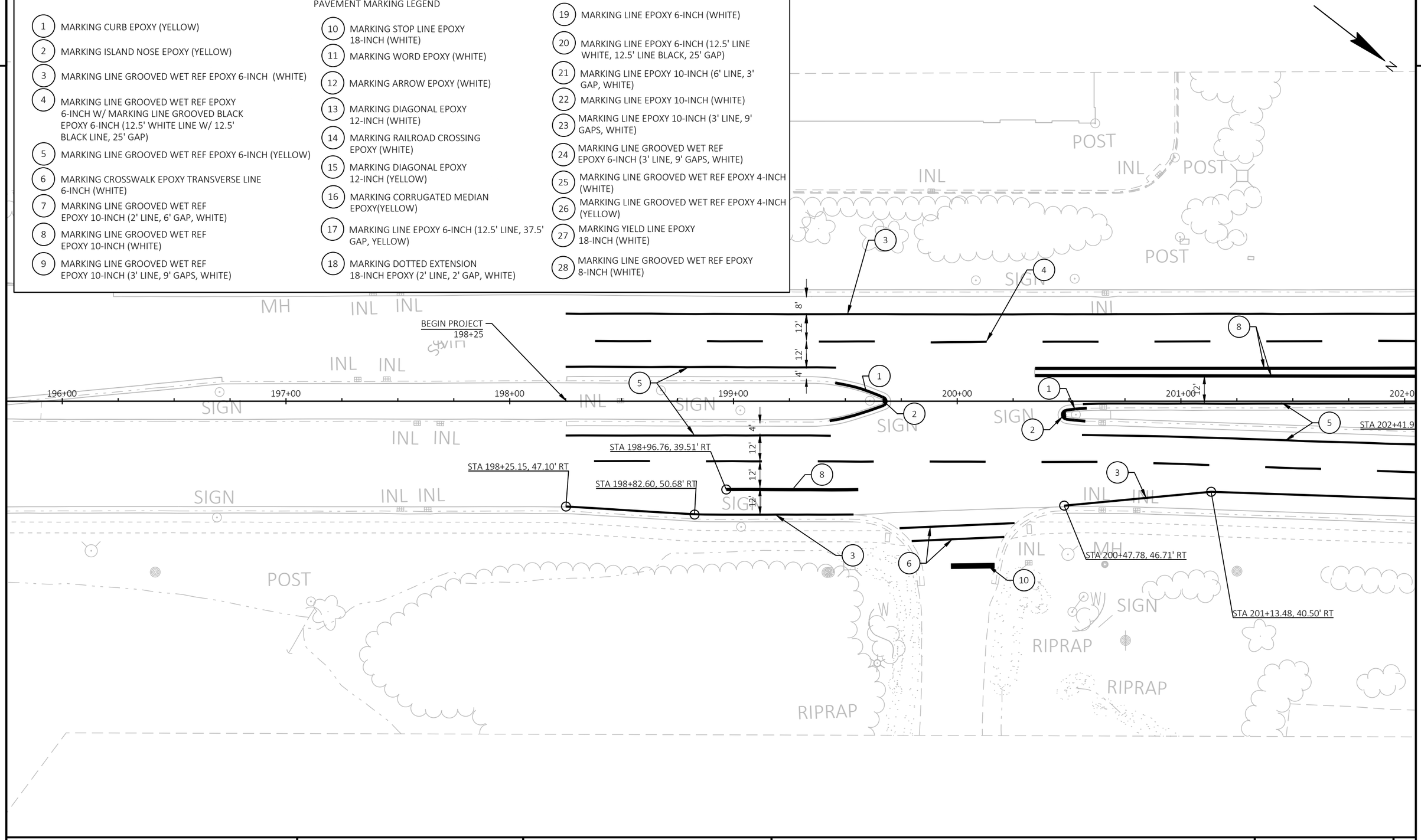
EMERGENCY VEHICLE PREEMPTION	
FROM	TO
CB1	SB22 (HEAD A)
CB1	SB9 (HEAD B)
CB1	SB16 (HEAD C)
CB1	SB3 (HEAD D)

*USE THE WHITE CONDUCTOR IN THE CABLE ASSEMBLY AS THE GROUNDED CONDUCTOR FOR ALL TRAFFIC SIGNAL INDICATIONS
*ENSURE THE GROUNDED CONDUCTOR IN THE FEEDER CABLE AND THE POLE CABLES ARE BOTH 12" LONGER THAN THE UNGROUNDED CONDUCTORS.
*AT THE SIGNAL BASES, CONNECT ONE TERMINAL FROM THE PEDESTRAIN PUSH BUTTONS TO THE COLOR INDICATED IN THE CHART. CONNECT THE OTHER TERMINAL TO THE GROUNDED CONDUCTOR.
"OTHER" COLUMN MAY INCLUDE SHADOW BOX SIGN

2

PAVEMENT MARKING LEGEND

1. MARKING CURB EPOXY (YELLOW)
2. MARKING ISLAND NOSE EPOXY (YELLOW)
3. MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE)
4. MARKING LINE GROOVED WET REF EPOXY 6-INCH W/ MARKING LINE GROOVED BLACK EPOXY 6-INCH (12.5' WHITE LINE W/ 12.5' BLACK LINE, 25' GAP)
5. MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW)
6. MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
7. MARKING LINE GROOVED WET REF EPOXY 10-INCH (2' LINE, 6' GAP, WHITE)
8. MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE)
9. MARKING LINE GROOVED WET REF EPOXY 10-INCH (3' LINE, 9' GAPS, WHITE)
10. MARKING STOP LINE EPOXY 18-INCH (WHITE)
11. MARKING WORD EPOXY (WHITE)
12. MARKING ARROW EPOXY (WHITE)
13. MARKING DIAGONAL EPOXY 12-INCH (WHITE)
14. MARKING RAILROAD CROSSING EPOXY (WHITE)
15. MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
16. MARKING CORRUGATED MEDIAN EPOXY(YELLOW)
17. MARKING LINE EPOXY 6-INCH (12.5' LINE, 37.5' GAP, YELLOW)
18. MARKING DOTTED EXTENSION 18-INCH EPOXY (2' LINE, 2' GAP, WHITE)
19. MARKING LINE EPOXY 6-INCH (WHITE)
20. MARKING LINE EPOXY 6-INCH (12.5' LINE WHITE, 12.5' LINE BLACK, 25' GAP)
21. MARKING LINE EPOXY 10-INCH (6' LINE, 3' GAP, WHITE)
22. MARKING LINE EPOXY 10-INCH (WHITE)
23. MARKING LINE EPOXY 10-INCH (3' LINE, 9' GAPS, WHITE)
24. MARKING LINE GROOVED WET REF EPOXY 6-INCH (3' LINE, 9' GAPS, WHITE)
25. MARKING LINE GROOVED WET REF EPOXY 4-INCH (WHITE)
26. MARKING LINE GROOVED WET REF EPOXY 4-INCH (YELLOW)
27. MARKING YIELD LINE EPOXY 18-INCH (WHITE)
28. MARKING LINE GROOVED WET REF EPOXY 8-INCH (WHITE)



PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	PAVEMENT MARKING	SHEET 213	E

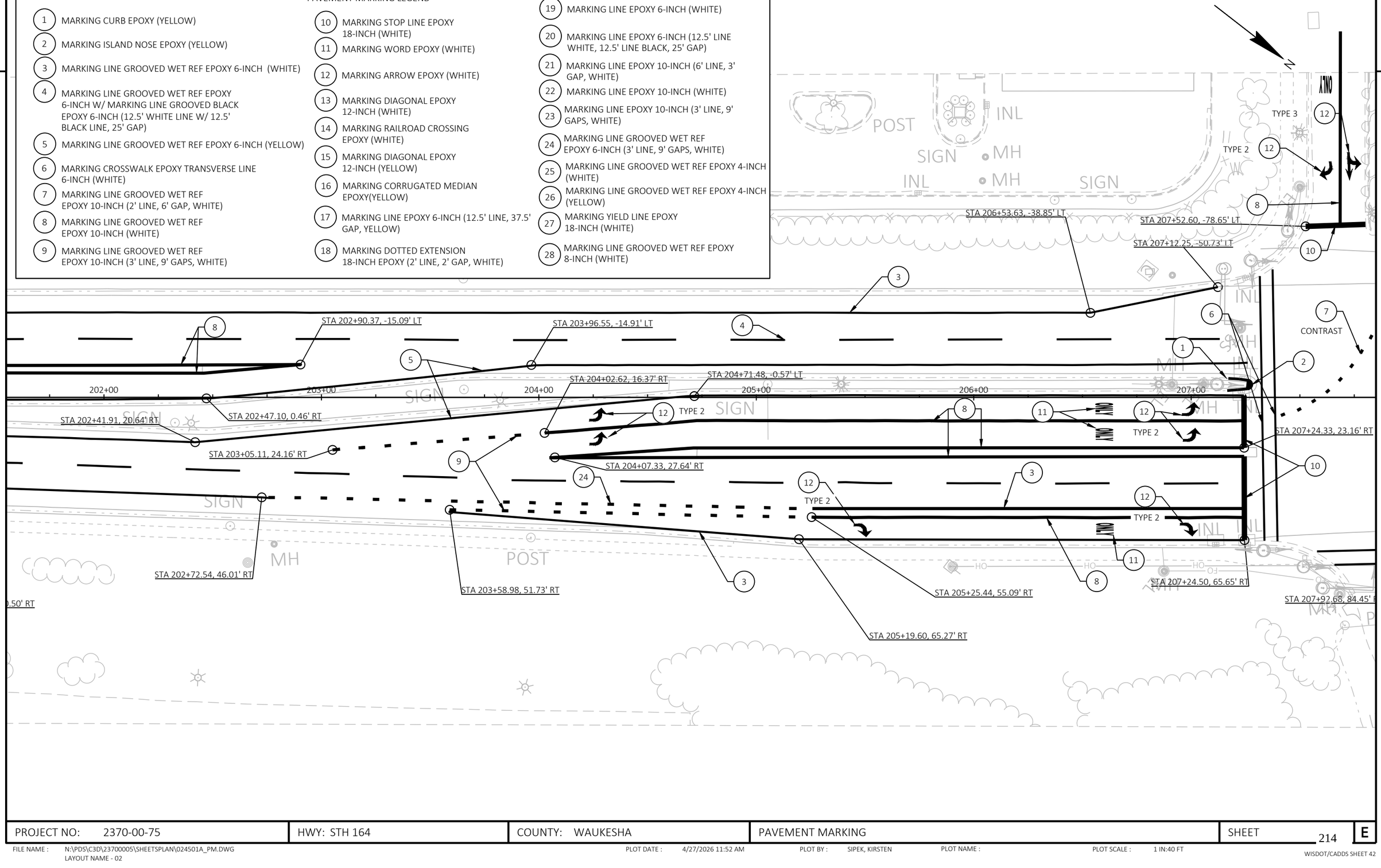
FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\024501A_PM.DWG
LAYOUT NAME - 01

PLOT DATE : 4/27/2026 11:52 AM PLOT BY : SIPEK, KIRSTEN PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

PAVEMENT MARKING LEGEND

1. MARKING CURB EPOXY (YELLOW)
2. MARKING ISLAND NOSE EPOXY (YELLOW)
3. MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE)
4. MARKING LINE GROOVED WET REF EPOXY 6-INCH W/ MARKING LINE GROOVED BLACK EPOXY 6-INCH (12.5' WHITE LINE W/ 12.5' BLACK LINE, 25' GAP)
5. MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW)
6. MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
7. MARKING LINE GROOVED WET REF EPOXY 10-INCH (2' LINE, 6' GAP, WHITE)
8. MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE)
9. MARKING LINE GROOVED WET REF EPOXY 10-INCH (3' LINE, 9' GAPS, WHITE)
10. MARKING STOP LINE EPOXY 18-INCH (WHITE)
11. MARKING WORD EPOXY (WHITE)
12. MARKING ARROW EPOXY (WHITE)
13. MARKING DIAGONAL EPOXY 12-INCH (WHITE)
14. MARKING RAILROAD CROSSING EPOXY (WHITE)
15. MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
16. MARKING CORRUGATED MEDIAN EPOXY(YELLOW)
17. MARKING LINE EPOXY 6-INCH (12.5' LINE, 37.5' GAP, YELLOW)
18. MARKING DOTTED EXTENSION 18-INCH EPOXY (2' LINE, 2' GAP, WHITE)
19. MARKING LINE EPOXY 6-INCH (WHITE)
20. MARKING LINE EPOXY 6-INCH (12.5' LINE WHITE, 12.5' LINE BLACK, 25' GAP)
21. MARKING LINE EPOXY 10-INCH (6' LINE, 3' GAP, WHITE)
22. MARKING LINE EPOXY 10-INCH (WHITE)
23. MARKING LINE EPOXY 10-INCH (3' LINE, 9' GAPS, WHITE)
24. MARKING LINE GROOVED WET REF EPOXY 6-INCH (3' LINE, 9' GAPS, WHITE)
25. MARKING LINE GROOVED WET REF EPOXY 4-INCH (WHITE)
26. MARKING LINE GROOVED WET REF EPOXY 4-INCH (YELLOW)
27. MARKING YIELD LINE EPOXY 18-INCH (WHITE)
28. MARKING LINE GROOVED WET REF EPOXY 8-INCH (WHITE)



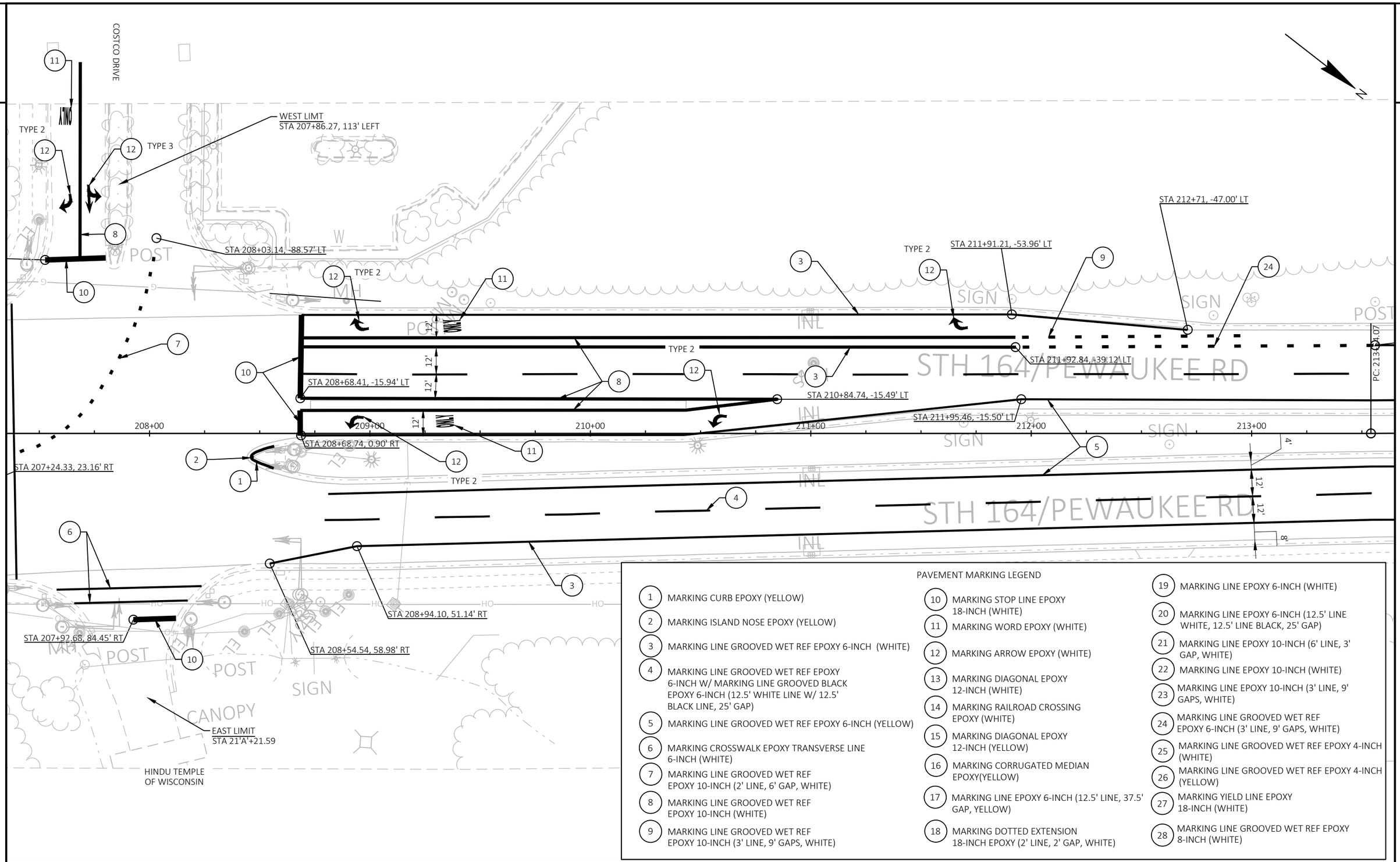
PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	PAVEMENT MARKING	SHEET 214	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\024501A_PM.DWG
LAYOUT NAME - 02

PLOT DATE : 4/27/2026 11:52 AM PLOT BY : SIPEK, KIRSTEN PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2



PAVEMENT MARKING LEGEND

1. MARKING CURB EPOXY (YELLOW)
2. MARKING ISLAND NOSE EPOXY (YELLOW)
3. MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE)
4. MARKING LINE GROOVED WET REF EPOXY 6-INCH W/ MARKING LINE GROOVED BLACK EPOXY 6-INCH (12.5' WHITE LINE W/ 12.5' BLACK LINE, 25' GAP)
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27. MARKING YIELD LINE EPOXY 18-INCH (WHITE)
28. MARKING LINE GROOVED WET REF EPOXY 8-INCH (WHITE)

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	PAVEMENT MARKING	SHEET 215	E

2

2

LT

N

POST

SIGN

INL

GRATE

SMH

STA 213+56, -40.00' LT

PC: 213+04.07

214+00

215+00

216+00

217+00

218+00

219+00

3

4

5

HO

72" RCCP E
E 848.21

72" RCCP E
E 848.44

PAVEMENT MARKING LEGEND

1. MARKING CURB EPOXY (YELLOW)
2. MARKING ISLAND NOSE EPOXY (YELLOW)
3. MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE)
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26. MARKING LINE GROOVED WET REF EPOXY 4-INCH (YELLOW)
27. MARKING YIELD LINE EPOXY 18-INCH (WHITE)
28. MARKING LINE GROOVED WET REF EPOXY 8-INCH (WHITE)

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	PAVEMENT MARKING	SHEET 216	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\024501A_PM.DWG
LAYOUT NAME - 04

PLOT DATE : 4/27/2026 11:53 AM PLOT BY : SIPEK, KIRSTEN PLOT NAME : PLOT SCALE : 1 IN:40 FT

PAVEMENT MARKING LEGEND

1. MARKING CURB EPOXY (YELLOW)
2. MARKING ISLAND NOSE EPOXY (YELLOW)
3. MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE)
4. MARKING LINE GROOVED WET REF EPOXY 6-INCH W/ MARKING LINE GROOVED BLACK EPOXY 6-INCH (12.5' WHITE LINE W/ 12.5' BLACK LINE, 25' GAP)
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14. MARKING RAILROAD CROSSING EPOXY (WHITE)
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16. MARKING CORRUGATED MEDIAN EPOXY(YELLOW)
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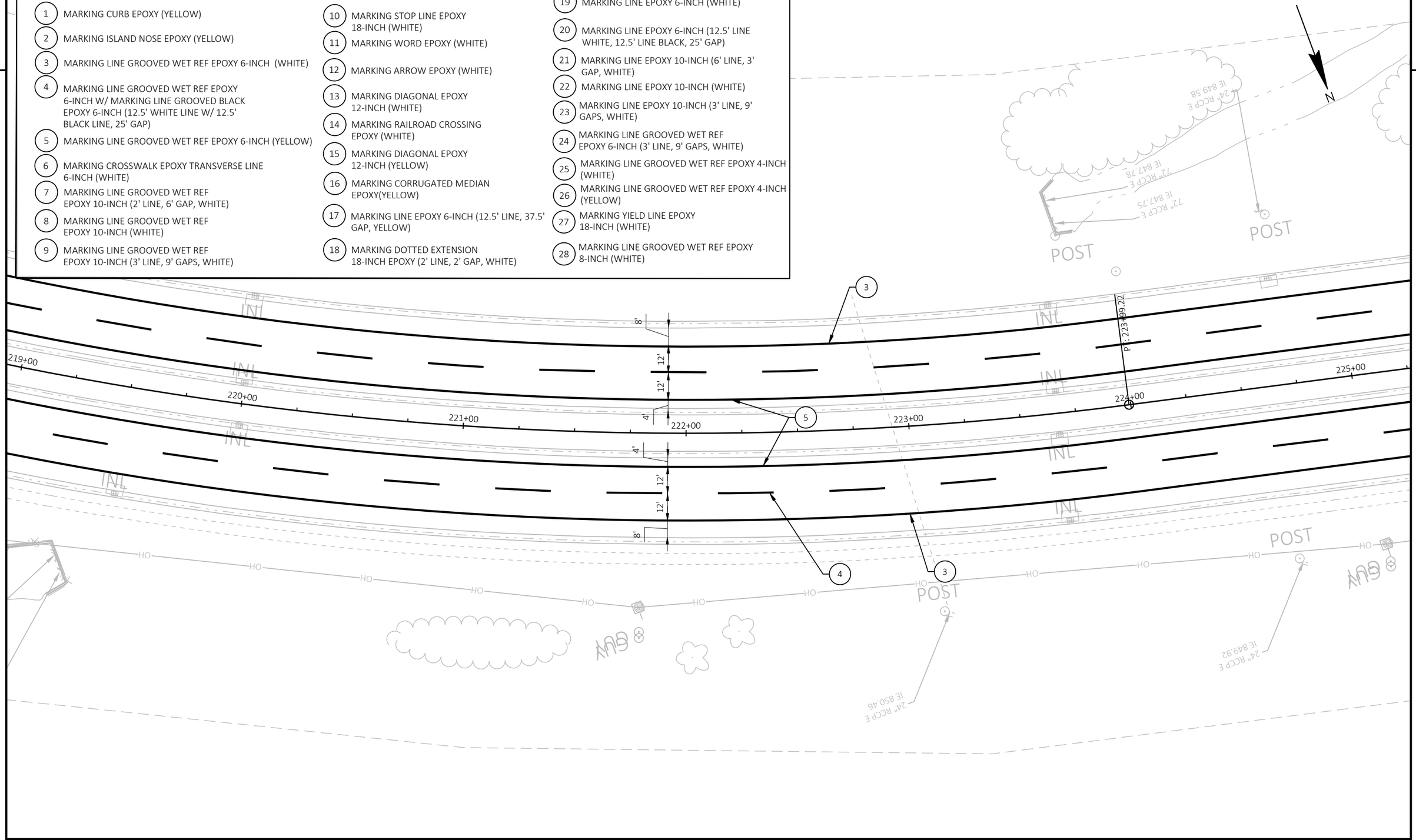
22. MARKING LINE EPOXY 10-INCH (WHITE)
23. MARKING LINE EPOXY 10-INCH (3' LINE, 9' GAPS, WHITE)
24. MARKING LINE GROOVED WET REF EPOXY 6-INCH (3' LINE, 9' GAPS, WHITE)
25. MARKING LINE GROOVED WET REF EPOXY 4-INCH (WHITE)
26. MARKING LINE GROOVED WET REF EPOXY 4-INCH (YELLOW)
27. MARKING YIELD LINE EPOXY 18-INCH (WHITE)
28. MARKING LINE GROOVED WET REF EPOXY 8-INCH (WHITE)

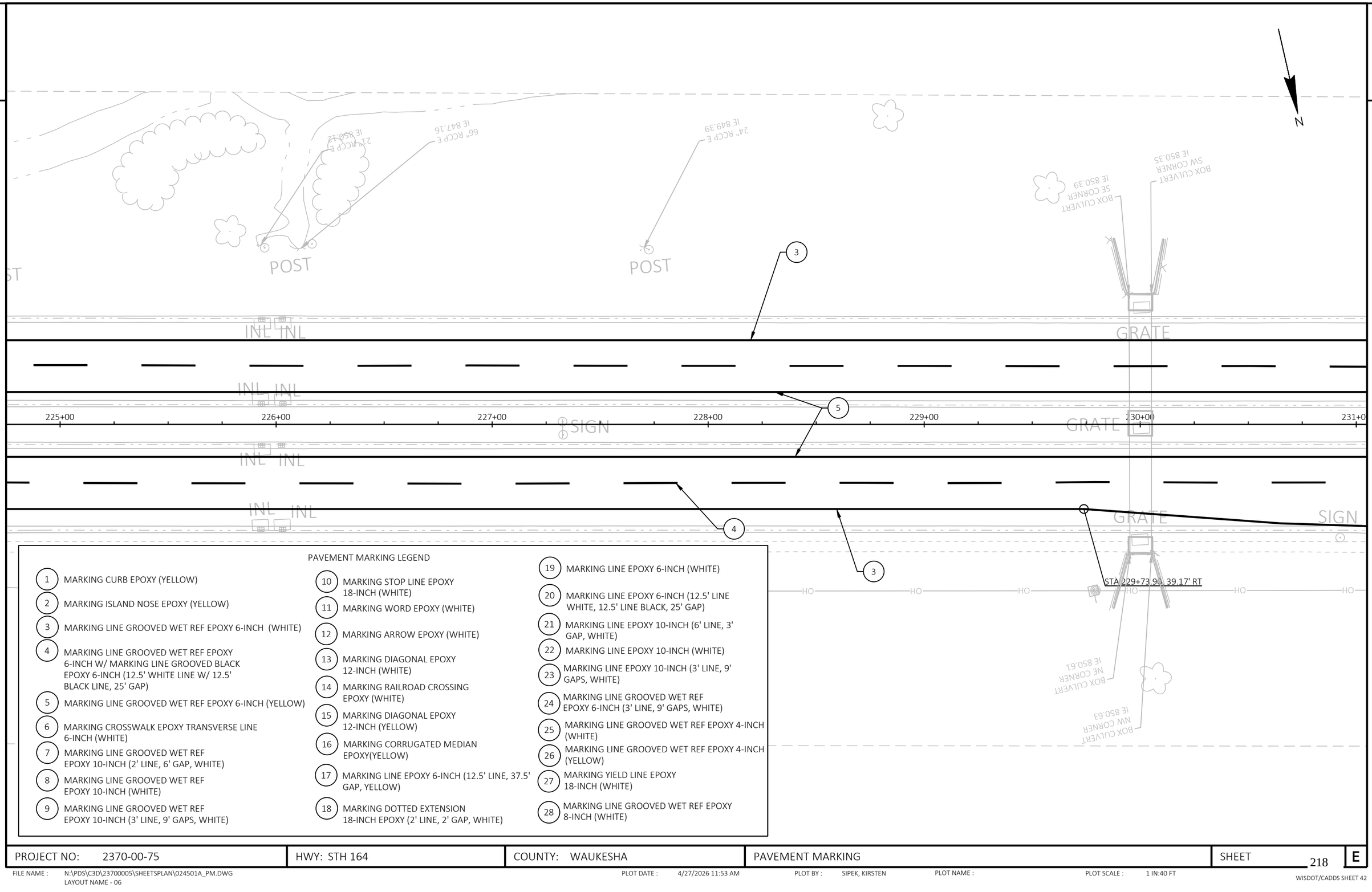


PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	PAVEMENT MARKING	SHEET 217	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\024501A_PM.DWG
LAYOUT NAME - 05

PLOT DATE : 4/27/2026 11:53 AM PLOT BY : SIPEK, KIRSTEN PLOT NAME : PLOT SCALE : 1 IN:40 FT

2



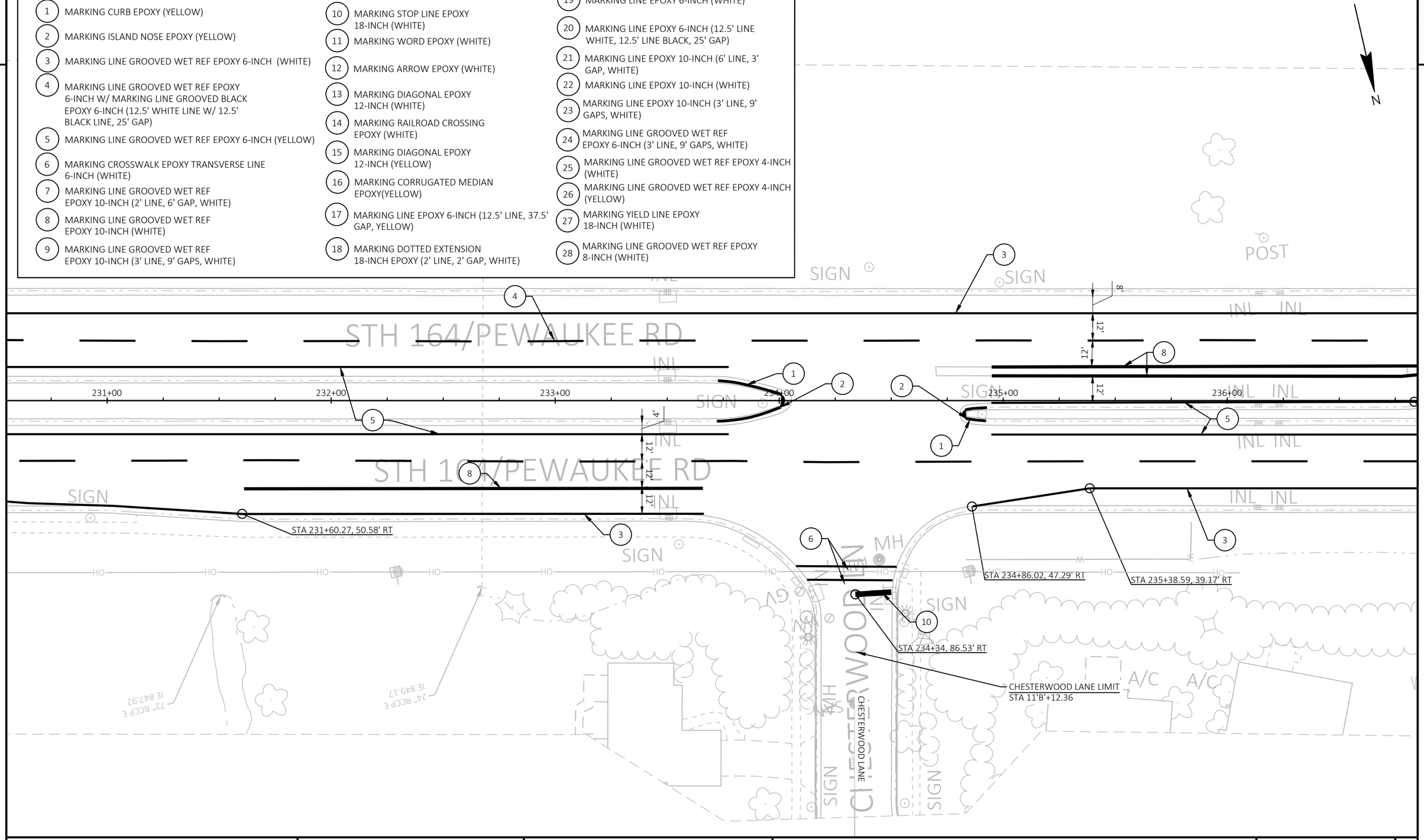
PAVEMENT MARKING LEGEND

1. MARKING CURB EPOXY (YELLOW)
2. MARKING ISLAND NOSE EPOXY (YELLOW)
3. MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE)
4. MARKING LINE GROOVED WET REF EPOXY 6-INCH W/ MARKING LINE GROOVED BLACK EPOXY 6-INCH (12.5' WHITE LINE W/ 12.5' BLACK LINE, 25' GAP)
5. MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW)
6. MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
7. MARKING LINE GROOVED WET REF EPOXY 10-INCH (2' LINE, 6' GAP, WHITE)
8. MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE)
9. MARKING LINE GROOVED WET REF EPOXY 10-INCH (3' LINE, 9' GAPS, WHITE)
10. MARKING STOP LINE EPOXY 18-INCH (WHITE)
11. MARKING WORD EPOXY (WHITE)
12. MARKING ARROW EPOXY (WHITE)
13. MARKING DIAGONAL EPOXY 12-INCH (WHITE)
14. MARKING RAILROAD CROSSING EPOXY (WHITE)
15. MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
16. MARKING CORRUGATED MEDIAN EPOXY(YELLOW)
17. MARKING LINE EPOXY 6-INCH (12.5' LINE, 37.5' GAP, YELLOW)
18. MARKING DOTTED EXTENSION 18-INCH EPOXY (2' LINE, 2' GAP, WHITE)
19. MARKING LINE EPOXY 6-INCH (WHITE)
20. MARKING LINE EPOXY 6-INCH (12.5' LINE WHITE, 12.5' LINE BLACK, 25' GAP)
21. MARKING LINE EPOXY 10-INCH (6' LINE, 3' GAP, WHITE)
22. MARKING LINE EPOXY 10-INCH (WHITE)
23. MARKING LINE EPOXY 10-INCH (3' LINE, 9' GAPS, WHITE)
24. MARKING LINE GROOVED WET REF EPOXY 6-INCH (3' LINE, 9' GAPS, WHITE)
25. MARKING LINE GROOVED WET REF EPOXY 4-INCH (WHITE)
26. MARKING LINE GROOVED WET REF EPOXY 4-INCH (YELLOW)
27. MARKING YIELD LINE EPOXY 18-INCH (WHITE)
28. MARKING LINE GROOVED WET REF EPOXY 8-INCH (WHITE)

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	PAVEMENT MARKING	SHEET 218	E

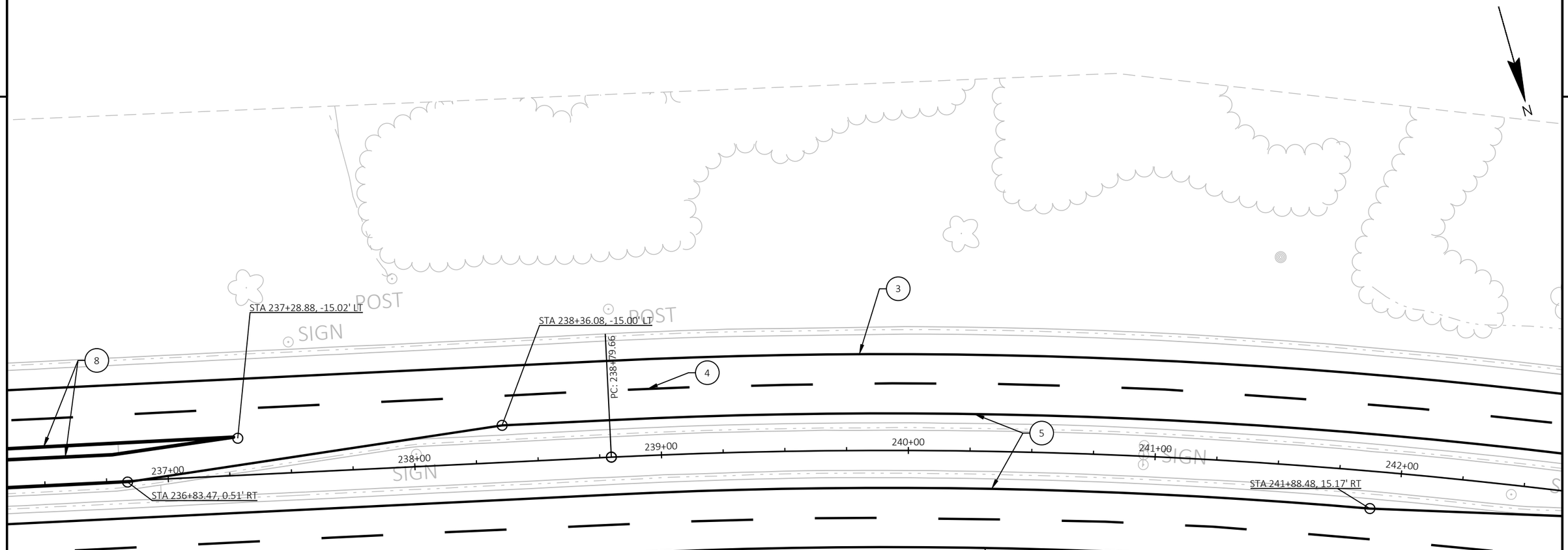
PAVEMENT MARKING LEGEND

1. MARKING CURB EPOXY (YELLOW)
2. MARKING ISLAND NOSE EPOXY (YELLOW)
3. MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE)
4. MARKING LINE GROOVED WET REF EPOXY 6-INCH W/ MARKING LINE GROOVED BLACK EPOXY 6-INCH (12.5' WHITE LINE W/ 12.5' BLACK LINE, 25' GAP)
5. MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW)
6. MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
7. MARKING LINE GROOVED WET REF EPOXY 10-INCH (2' LINE, 6' GAP, WHITE)
8. MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE)
9. MARKING LINE GROOVED WET REF EPOXY 10-INCH (3' LINE, 9' GAPS, WHITE)
10. MARKING STOP LINE EPOXY 18-INCH (WHITE)
11. MARKING WORD EPOXY (WHITE)
12. MARKING ARROW EPOXY (WHITE)
13. MARKING DIAGONAL EPOXY 12-INCH (WHITE)
14. MARKING RAILROAD CROSSING EPOXY (WHITE)
15. MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
16. MARKING CORRUGATED MEDIAN EPOXY(YELLOW)
17. MARKING LINE EPOXY 6-INCH (12.5' LINE, 37.5' GAP, YELLOW)
18. MARKING DOTTED EXTENSION 18-INCH EPOXY (2' LINE, 2' GAP, WHITE)
19. MARKING LINE EPOXY 6-INCH (WHITE)
20. MARKING LINE EPOXY 6-INCH (12.5' LINE WHITE, 12.5' LINE BLACK, 25' GAP)
21. MARKING LINE EPOXY 10-INCH (6' LINE, 3' GAP, WHITE)
22. MARKING LINE EPOXY 10-INCH (WHITE)
23. MARKING LINE EPOXY 10-INCH (3' LINE, 9' GAPS, WHITE)
24. MARKING LINE GROOVED WET REF EPOXY 6-INCH (3' LINE, 9' GAPS, WHITE)
25. MARKING LINE GROOVED WET REF EPOXY 4-INCH (WHITE)
26. MARKING LINE GROOVED WET REF EPOXY 4-INCH (YELLOW)
27. MARKING YIELD LINE EPOXY 18-INCH (WHITE)
28. MARKING LINE GROOVED WET REF EPOXY 8-INCH (WHITE)



PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	PAVEMENT MARKING	SHEET 219	E

2



PAVEMENT MARKING LEGEND

1. MARKING CURB EPOXY (YELLOW)
2. MARKING ISLAND NOSE EPOXY (YELLOW)
3. MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE)
4. MARKING LINE GROOVED WET REF EPOXY 6-INCH W/ MARKING LINE GROOVED BLACK EPOXY 6-INCH (12.5' WHITE LINE W/ 12.5' BLACK LINE, 25' GAP)
5. MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW)
6. MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
7. MARKING LINE GROOVED WET REF EPOXY 10-INCH (2' LINE, 6' GAP, WHITE)
8. MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE)
9. MARKING LINE GROOVED WET REF EPOXY 10-INCH (3' LINE, 9' GAPS, WHITE)
10. MARKING STOP LINE EPOXY 18-INCH (WHITE)
11. MARKING WORD EPOXY (WHITE)
12. MARKING ARROW EPOXY (WHITE)
13. MARKING DIAGONAL EPOXY 12-INCH (WHITE)
14. MARKING RAILROAD CROSSING EPOXY (WHITE)
15. MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
16. MARKING CORRUGATED MEDIAN EPOXY(YELLOW)
17. MARKING LINE EPOXY 6-INCH (12.5' LINE, 37.5' GAP, YELLOW)
18. MARKING DOTTED EXTENSION 18-INCH EPOXY (2' LINE, 2' GAP, WHITE)
19. MARKING LINE EPOXY 6-INCH (WHITE)
20. MARKING LINE EPOXY 6-INCH (12.5' LINE WHITE, 12.5' LINE BLACK, 25' GAP)
21. MARKING LINE EPOXY 10-INCH (6' LINE, 3' GAP, WHITE)
22. MARKING LINE EPOXY 10-INCH (WHITE)
23. MARKING LINE EPOXY 10-INCH (3' LINE, 9' GAPS, WHITE)
24. MARKING LINE GROOVED WET REF EPOXY 6-INCH (3' LINE, 9' GAPS, WHITE)
25. MARKING LINE GROOVED WET REF EPOXY 4-INCH (WHITE)
26. MARKING LINE GROOVED WET REF EPOXY 4-INCH (YELLOW)
27. MARKING YIELD LINE EPOXY 18-INCH (WHITE)
28. MARKING LINE GROOVED WET REF EPOXY 8-INCH (WHITE)

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	PAVEMENT MARKING	SHEET 220	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\024501A_PM.DWG
LAYOUT NAME - 08
PLOT DATE : 4/27/2026 11:53 AM
PLOT BY : SIPEK, KIRSTEN
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

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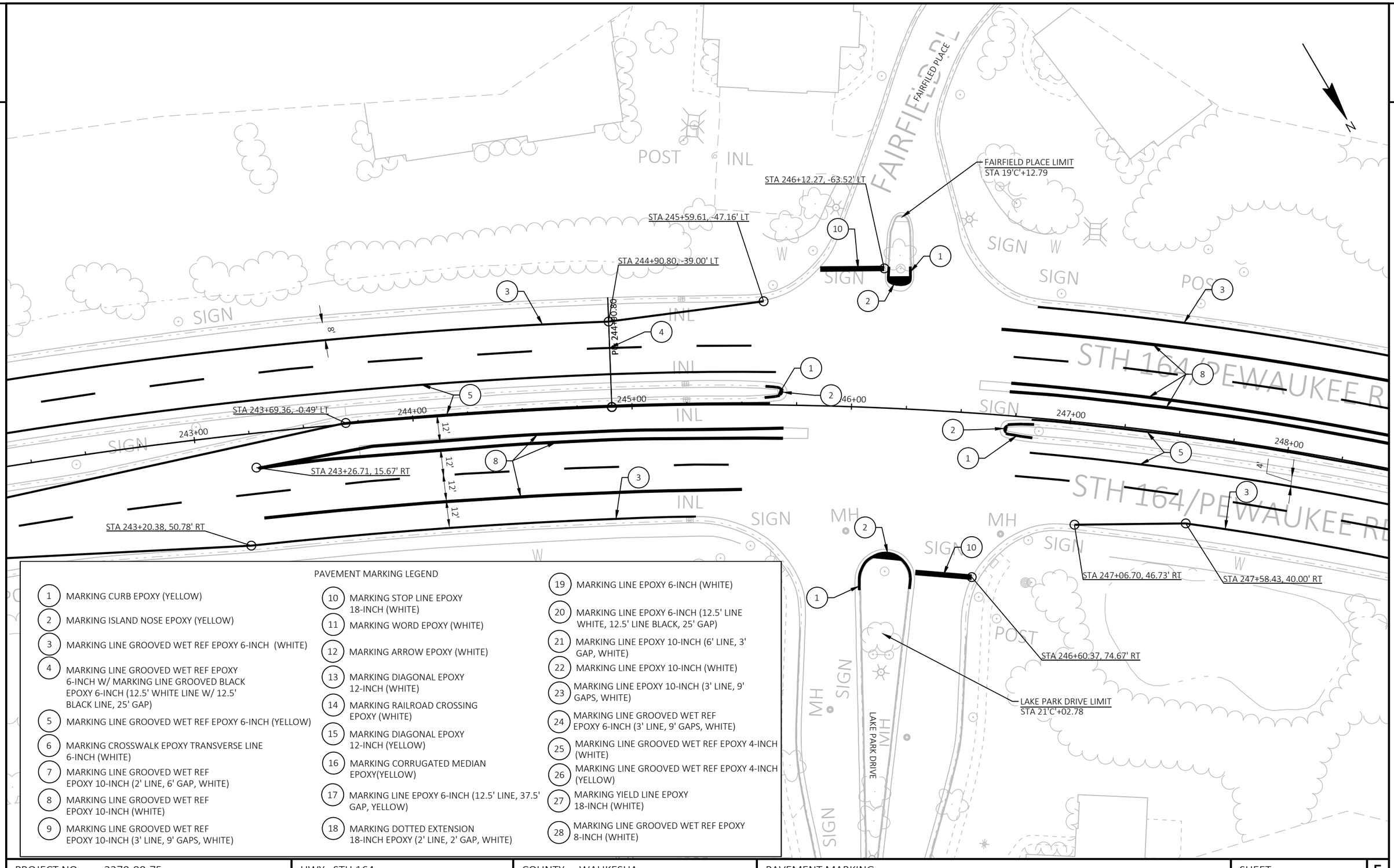
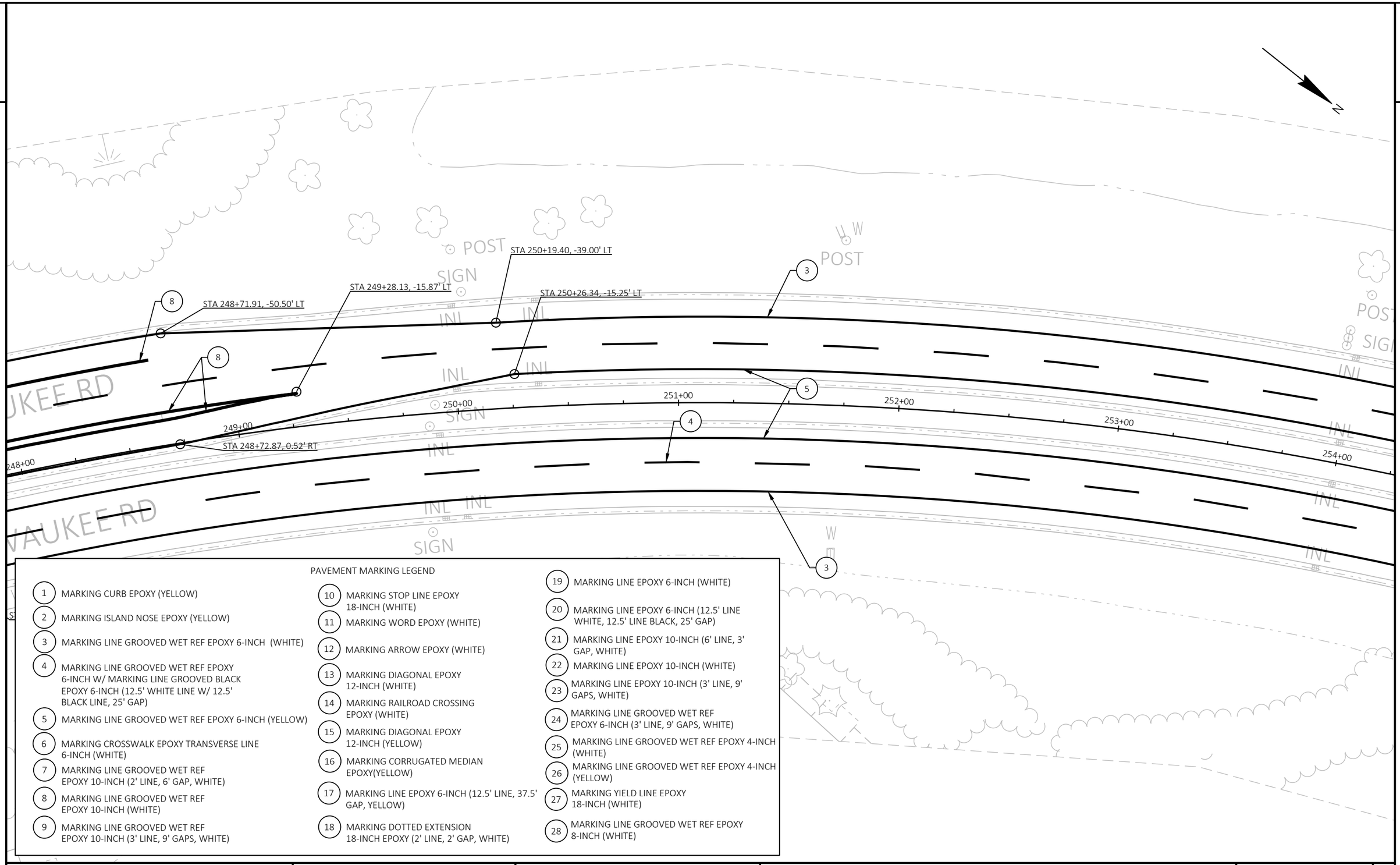


PAVEMENT MARKING LEGEND

1. MARKING CURB EPOXY (YELLOW)
2. MARKING ISLAND NOSE EPOXY (YELLOW)
3. MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE)
4. MARKING LINE GROOVED WET REF EPOXY 6-INCH W/ MARKING LINE GROOVED BLACK EPOXY 6-INCH (12.5' WHITE LINE W/ 12.5' BLACK LINE, 25' GAP)
5. MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW)
6. MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
7. MARKING LINE GROOVED WET REF EPOXY 10-INCH (2' LINE, 6' GAP, WHITE)
8. MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE)
9. MARKING LINE GROOVED WET REF EPOXY 10-INCH (3' LINE, 9' GAPS, WHITE)
10. MARKING STOP LINE EPOXY 18-INCH (WHITE)
11. MARKING WORD EPOXY (WHITE)
12. MARKING ARROW EPOXY (WHITE)
13. MARKING DIAGONAL EPOXY 12-INCH (WHITE)
14. MARKING RAILROAD CROSSING EPOXY (WHITE)
15. MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
16. MARKING CORRUGATED MEDIAN EPOXY(YELLOW)
17. MARKING LINE EPOXY 6-INCH (12.5' LINE, 37.5' GAP, YELLOW)
18. MARKING DOTTED EXTENSION 18-INCH EPOXY (2' LINE, 2' GAP, WHITE)
19. MARKING LINE EPOXY 6-INCH (WHITE)
20. MARKING LINE EPOXY 6-INCH (12.5' LINE WHITE, 12.5' LINE BLACK, 25' GAP)
21. MARKING LINE EPOXY 10-INCH (6' LINE, 3' GAP, WHITE)
22. MARKING LINE EPOXY 10-INCH (WHITE)
23. MARKING LINE EPOXY 10-INCH (3' LINE, 9' GAPS, WHITE)
24. MARKING LINE GROOVED WET REF EPOXY 6-INCH (3' LINE, 9' GAPS, WHITE)
25. MARKING LINE GROOVED WET REF EPOXY 4-INCH (WHITE)
26. MARKING LINE GROOVED WET REF EPOXY 4-INCH (YELLOW)
27. MARKING YIELD LINE EPOXY 18-INCH (WHITE)
28. MARKING LINE GROOVED WET REF EPOXY 8-INCH (WHITE)

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	PAVEMENT MARKING	SHEET 221	E

2



PAVEMENT MARKING LEGEND

1. MARKING CURB EPOXY (YELLOW)
2. MARKING ISLAND NOSE EPOXY (YELLOW)
3. MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE)
4. MARKING LINE GROOVED WET REF EPOXY 6-INCH W/ MARKING LINE GROOVED BLACK EPOXY 6-INCH (12.5' WHITE LINE W/ 12.5' BLACK LINE, 25' GAP)
5. MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW)
6. MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
7. MARKING LINE GROOVED WET REF EPOXY 10-INCH (2' LINE, 6' GAP, WHITE)
8. MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE)
9. MARKING LINE GROOVED WET REF EPOXY 10-INCH (3' LINE, 9' GAPS, WHITE)
10. MARKING STOP LINE EPOXY 18-INCH (WHITE)
11. MARKING WORD EPOXY (WHITE)
12. MARKING ARROW EPOXY (WHITE)
13. MARKING DIAGONAL EPOXY 12-INCH (WHITE)
14. MARKING RAILROAD CROSSING EPOXY (WHITE)
15. MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
16. MARKING CORRUGATED MEDIAN EPOXY(YELLOW)
17. MARKING LINE EPOXY 6-INCH (12.5' LINE, 37.5' GAP, YELLOW)
18. MARKING DOTTED EXTENSION 18-INCH EPOXY (2' LINE, 2' GAP, WHITE)
19. MARKING LINE EPOXY 6-INCH (WHITE)
20. MARKING LINE EPOXY 6-INCH (12.5' LINE WHITE, 12.5' LINE BLACK, 25' GAP)
21. MARKING LINE EPOXY 10-INCH (6' LINE, 3' GAP, WHITE)
22. MARKING LINE EPOXY 10-INCH (WHITE)
23. MARKING LINE EPOXY 10-INCH (3' LINE, 9' GAPS, WHITE)
24. MARKING LINE GROOVED WET REF EPOXY 6-INCH (3' LINE, 9' GAPS, WHITE)
25. MARKING LINE GROOVED WET REF EPOXY 4-INCH (WHITE)
26. MARKING LINE GROOVED WET REF EPOXY 4-INCH (YELLOW)
27. MARKING YIELD LINE EPOXY 18-INCH (WHITE)
28. MARKING LINE GROOVED WET REF EPOXY 8-INCH (WHITE)

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	PAVEMENT MARKING	SHEET 222	E

2

N

POST
SIGN
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INL
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SIGN
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A/C

254+00
255+00
256+00
257+00
258+00
259+00
260+00

3
4
5
3

4'
12'
12'
8'

PAVEMENT MARKING LEGEND

1. MARKING CURB EPOXY (YELLOW)
2. MARKING ISLAND NOSE EPOXY (YELLOW)
3. MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE)
4. MARKING LINE GROOVED WET REF EPOXY 6-INCH W/ MARKING LINE GROOVED BLACK EPOXY 6-INCH (12.5' WHITE LINE W/ 12.5' BLACK LINE, 25' GAP)
5. MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW)
6. MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
7. MARKING LINE GROOVED WET REF EPOXY 10-INCH (2' LINE, 6' GAP, WHITE)
8. MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE)
9. MARKING LINE GROOVED WET REF EPOXY 10-INCH (3' LINE, 9' GAPS, WHITE)
10. MARKING STOP LINE EPOXY 18-INCH (WHITE)
11. MARKING WORD EPOXY (WHITE)
12. MARKING ARROW EPOXY (WHITE)
13. MARKING DIAGONAL EPOXY 12-INCH (WHITE)
14. MARKING RAILROAD CROSSING EPOXY (WHITE)
15. MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
16. MARKING CORRUGATED MEDIAN EPOXY(YELLOW)
17. MARKING LINE EPOXY 6-INCH (12.5' LINE, 37.5' GAP, YELLOW)
18. MARKING DOTTED EXTENSION 18-INCH EPOXY (2' LINE, 2' GAP, WHITE)
19. MARKING LINE EPOXY 6-INCH (WHITE)
20. MARKING LINE EPOXY 6-INCH (12.5' LINE WHITE, 12.5' LINE BLACK, 25' GAP)
21. MARKING LINE EPOXY 10-INCH (6' LINE, 3' GAP, WHITE)
22. MARKING LINE EPOXY 10-INCH (WHITE)
23. MARKING LINE EPOXY 10-INCH (3' LINE, 9' GAPS, WHITE)
24. MARKING LINE GROOVED WET REF EPOXY 6-INCH (3' LINE, 9' GAPS, WHITE)
25. MARKING LINE GROOVED WET REF EPOXY 4-INCH (WHITE)
26. MARKING LINE GROOVED WET REF EPOXY 4-INCH (YELLOW)
27. MARKING YIELD LINE EPOXY 18-INCH (WHITE)
28. MARKING LINE GROOVED WET REF EPOXY 8-INCH (WHITE)

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	PAVEMENT MARKING	SHEET 223	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\024501A_PM.DWG
LAYOUT NAME - 11
PLOT DATE : 4/27/2026 11:54 AM
PLOT BY : SIPEK, KIRSTEN
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

N

POST

POST

INL

INL

INL

INL

PT: 262+46.30

260+00

261+00

262+00

263+00

264+00

265+00

3

4

5

3

SIGN

STA 265+24.65, 16.00' RT

STA 265+00.56, 40.00' RT

MH

PAVEMENT MARKING LEGEND

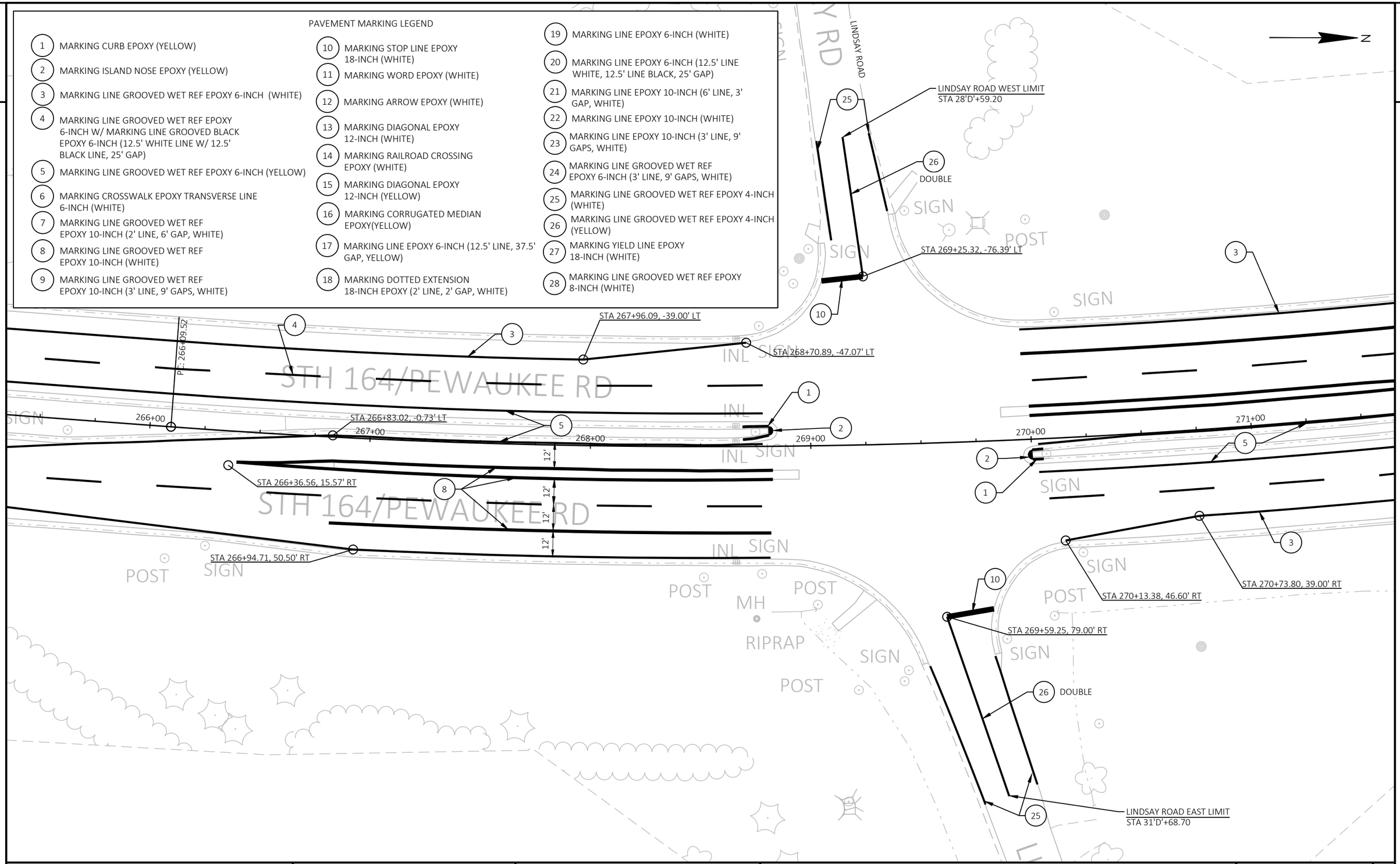
1. MARKING CURB EPOXY (YELLOW)
2. MARKING ISLAND NOSE EPOXY (YELLOW)
3. MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE)
4. MARKING LINE GROOVED WET REF EPOXY 6-INCH W/ MARKING LINE GROOVED BLACK EPOXY 6-INCH (12.5' WHITE LINE W/ 12.5' BLACK LINE, 25' GAP)
5. MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW)
6. MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
7. MARKING LINE GROOVED WET REF EPOXY 10-INCH (2' LINE, 6' GAP, WHITE)
8. MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE)
9. MARKING LINE GROOVED WET REF EPOXY 10-INCH (3' LINE, 9' GAPS, WHITE)
10. MARKING STOP LINE EPOXY 18-INCH (WHITE)
11. MARKING WORD EPOXY (WHITE)
12. MARKING ARROW EPOXY (WHITE)
13. MARKING DIAGONAL EPOXY 12-INCH (WHITE)
14. MARKING RAILROAD CROSSING EPOXY (WHITE)
15. MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
16. MARKING CORRUGATED MEDIAN EPOXY(YELLOW)
17. MARKING LINE EPOXY 6-INCH (12.5' LINE, 37.5' GAP, YELLOW)
18. MARKING DOTTED EXTENSION 18-INCH EPOXY (2' LINE, 2' GAP, WHITE)
19. MARKING LINE EPOXY 6-INCH (WHITE)
20. MARKING LINE EPOXY 6-INCH (12.5' LINE WHITE, 12.5' LINE BLACK, 25' GAP)
21. MARKING LINE EPOXY 10-INCH (6' LINE, 3' GAP, WHITE)
22. MARKING LINE EPOXY 10-INCH (WHITE)
23. MARKING LINE EPOXY 10-INCH (3' LINE, 9' GAPS, WHITE)
24. MARKING LINE GROOVED WET REF EPOXY 6-INCH (3' LINE, 9' GAPS, WHITE)
25. MARKING LINE GROOVED WET REF EPOXY 4-INCH (WHITE)
26. MARKING LINE GROOVED WET REF EPOXY 4-INCH (YELLOW)
27. MARKING YIELD LINE EPOXY 18-INCH (WHITE)
28. MARKING LINE GROOVED WET REF EPOXY 8-INCH (WHITE)

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	PAVEMENT MARKING	SHEET 224	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\024501A_PM.DWG
LAYOUT NAME - 12
PLOT DATE : 4/27/2026 11:54 AM
PLOT BY : SIPEK, KIRSTEN
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

PAVEMENT MARKING LEGEND

1. MARKING CURB EPOXY (YELLOW)
2. MARKING ISLAND NOSE EPOXY (YELLOW)
3. MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE)
4. MARKING LINE GROOVED WET REF EPOXY 6-INCH W/ MARKING LINE GROOVED BLACK EPOXY 6-INCH (12.5' WHITE LINE W/ 12.5' BLACK LINE, 25' GAP)
5. MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW)
6. MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
7. MARKING LINE GROOVED WET REF EPOXY 10-INCH (2' LINE, 6' GAP, WHITE)
8. MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE)
9. MARKING LINE GROOVED WET REF EPOXY 10-INCH (3' LINE, 9' GAPS, WHITE)
10. MARKING STOP LINE EPOXY 18-INCH (WHITE)
11. MARKING WORD EPOXY (WHITE)
12. MARKING ARROW EPOXY (WHITE)
13. MARKING DIAGONAL EPOXY 12-INCH (WHITE)
14. MARKING RAILROAD CROSSING EPOXY (WHITE)
15. MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
16. MARKING CORRUGATED MEDIAN EPOXY(YELLOW)
17. MARKING LINE EPOXY 6-INCH (12.5' LINE, 37.5' GAP, YELLOW)
18. MARKING DOTTED EXTENSION 18-INCH EPOXY (2' LINE, 2' GAP, WHITE)
19. MARKING LINE EPOXY 6-INCH (WHITE)
20. MARKING LINE EPOXY 6-INCH (12.5' LINE WHITE, 12.5' LINE BLACK, 25' GAP)
21. MARKING LINE EPOXY 10-INCH (6' LINE, 3' GAP, WHITE)
22. MARKING LINE EPOXY 10-INCH (WHITE)
23. MARKING LINE EPOXY 10-INCH (3' LINE, 9' GAPS, WHITE)
24. MARKING LINE GROOVED WET REF EPOXY 6-INCH (3' LINE, 9' GAPS, WHITE)
25. MARKING LINE GROOVED WET REF EPOXY 4-INCH (WHITE)
26. MARKING LINE GROOVED WET REF EPOXY 4-INCH (YELLOW)
27. MARKING YIELD LINE EPOXY 18-INCH (WHITE)
28. MARKING LINE GROOVED WET REF EPOXY 8-INCH (WHITE)



PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	PAVEMENT MARKING	SHEET 225	E

2

N

STA 272+03.96, -49.97' LT

STA 273+84.85, -39.00' LT

STA 272+30.02, -14.23' LT

STA 273+55.68, -15.00' LT

PT - 281.85

POST

SIGN

RIPRAP

MP

MH

INL

272+00

273+00

274+00

275+00

276+00

277+00

3

8

5

4

PAVEMENT MARKING LEGEND

1. MARKING CURB EPOXY (YELLOW)
2. MARKING ISLAND NOSE EPOXY (YELLOW)
3. MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE)
4. MARKING LINE GROOVED WET REF EPOXY 6-INCH W/ MARKING LINE GROOVED BLACK EPOXY 6-INCH (12.5' WHITE LINE W/ 12.5' BLACK LINE, 25' GAP)
5. MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW)
6. MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
7. MARKING LINE GROOVED WET REF EPOXY 10-INCH (2' LINE, 6' GAP, WHITE)
8. MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE)
9. MARKING LINE GROOVED WET REF EPOXY 10-INCH (3' LINE, 9' GAPS, WHITE)
10. MARKING STOP LINE EPOXY 18-INCH (WHITE)
11. MARKING WORD EPOXY (WHITE)
12. MARKING ARROW EPOXY (WHITE)
13. MARKING DIAGONAL EPOXY 12-INCH (WHITE)
14. MARKING RAILROAD CROSSING EPOXY (WHITE)
15. MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
16. MARKING CORRUGATED MEDIAN EPOXY(YELLOW)
17. MARKING LINE EPOXY 6-INCH (12.5' LINE, 37.5' GAP, YELLOW)
18. MARKING DOTTED EXTENSION 18-INCH EPOXY (2' LINE, 2' GAP, WHITE)
19. MARKING LINE EPOXY 6-INCH (WHITE)
20. MARKING LINE EPOXY 6-INCH (12.5' LINE WHITE, 12.5' LINE BLACK, 25' GAP)
21. MARKING LINE EPOXY 10-INCH (6' LINE, 3' GAP, WHITE)
22. MARKING LINE EPOXY 10-INCH (WHITE)
23. MARKING LINE EPOXY 10-INCH (3' LINE, 9' GAPS, WHITE)
24. MARKING LINE GROOVED WET REF EPOXY 6-INCH (3' LINE, 9' GAPS, WHITE)
25. MARKING LINE GROOVED WET REF EPOXY 4-INCH (WHITE)
26. MARKING LINE GROOVED WET REF EPOXY 4-INCH (YELLOW)
27. MARKING YIELD LINE EPOXY 18-INCH (WHITE)
28. MARKING LINE GROOVED WET REF EPOXY 8-INCH (WHITE)

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	PAVEMENT MARKING	SHEET 226	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\024501A_PM.DWG
LAYOUT NAME - 14
PLOT DATE : 4/27/2026 11:55 AM
PLOT BY : SIPEK, KIRSTEN
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

2

N

POST

POST

SIGN

SIGN

SIGN

INL

MH

INL

INL

INL

INL

INL

INL

77+00

278+00

279+00

280+00

281+00

282+00

283+00

SIGN

SIGN

Pt.: 279+06.81

4

3

5

3

4'

12'

12'

8'

POST

POST

P

PAVEMENT MARKING LEGEND

1 MARKING CURB EPOXY (YELLOW)

2 MARKING ISLAND NOSE EPOXY (YELLOW)

3 MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE)

4 MARKING LINE GROOVED WET REF EPOXY 6-INCH W/ MARKING LINE GROOVED BLACK EPOXY 6-INCH (12.5' WHITE LINE W/ 12.5' BLACK LINE, 25' GAP)

5 MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW)

6 MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)

7 MARKING LINE GROOVED WET REF EPOXY 10-INCH (2' LINE, 6' GAP, WHITE)

8 MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE)

9 MARKING LINE GROOVED WET REF EPOXY 10-INCH (3' LINE, 9' GAPS, WHITE)

10 MARKING STOP LINE EPOXY 18-INCH (WHITE)

11 MARKING WORD EPOXY (WHITE)

12 MARKING ARROW EPOXY (WHITE)

13 MARKING DIAGONAL EPOXY 12-INCH (WHITE)

14 MARKING RAILROAD CROSSING EPOXY (WHITE)

15 MARKING DIAGONAL EPOXY 12-INCH (YELLOW)

16 MARKING CORRUGATED MEDIAN EPOXY(YELLOW)

17 MARKING LINE EPOXY 6-INCH (12.5' LINE, 37.5' GAP, YELLOW)

18 MARKING DOTTED EXTENSION 18-INCH EPOXY (2' LINE, 2' GAP, WHITE)

19 MARKING LINE EPOXY 6-INCH (WHITE)

20 MARKING LINE EPOXY 6-INCH (12.5' LINE WHITE, 12.5' LINE BLACK, 25' GAP)

21 MARKING LINE EPOXY 10-INCH (6' LINE, 3' GAP, WHITE)

22 MARKING LINE EPOXY 10-INCH (WHITE)

23 MARKING LINE EPOXY 10-INCH (3' LINE, 9' GAPS, WHITE)

24 MARKING LINE GROOVED WET REF EPOXY 6-INCH (3' LINE, 9' GAPS, WHITE)

25 MARKING LINE GROOVED WET REF EPOXY 4-INCH (WHITE)

26 MARKING LINE GROOVED WET REF EPOXY 4-INCH (YELLOW)

27 MARKING YIELD LINE EPOXY 18-INCH (WHITE)

28 MARKING LINE GROOVED WET REF EPOXY 8-INCH (WHITE)

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	PAVEMENT MARKING	SHEET 227	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\024501A_PM.DWG
LAYOUT NAME - 15

PLOT DATE : 4/27/2026 11:55 AM PLOT BY : SIPEK, KIRSTEN PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

N

POST

RIPRAP

POST

SIGN

INL

MH

283+00

284+00

285+00

286+00

287+00

288+00

289+0

STA 288+37.99, -39.00' LT

STA 287+22.14, -0.85' LT

STA 285+65.60, 15.00' RT

STA 286+88.88, 14.48' RT

3

5

4

3

8

PAVEMENT MARKING LEGEND

1. MARKING CURB EPOXY (YELLOW)
2. MARKING ISLAND NOSE EPOXY (YELLOW)
3. MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE)
4. MARKING LINE GROOVED WET REF EPOXY 6-INCH W/ MARKING LINE GROOVED BLACK EPOXY 6-INCH (12.5' WHITE LINE W/ 12.5' BLACK LINE, 25' GAP)
5. MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW)
6. MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
7. MARKING LINE GROOVED WET REF EPOXY 10-INCH (2' LINE, 6' GAP, WHITE)
8. MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE)
9. MARKING LINE GROOVED WET REF EPOXY 10-INCH (3' LINE, 9' GAPS, WHITE)
10. MARKING STOP LINE EPOXY 18-INCH (WHITE)
11. MARKING WORD EPOXY (WHITE)
12. MARKING ARROW EPOXY (WHITE)
13. MARKING DIAGONAL EPOXY 12-INCH (WHITE)
14. MARKING RAILROAD CROSSING EPOXY (WHITE)
15. MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
16. MARKING CORRUGATED MEDIAN EPOXY(YELLOW)
17. MARKING LINE EPOXY 6-INCH (12.5' LINE, 37.5' GAP, YELLOW)
18. MARKING DOTTED EXTENSION 18-INCH EPOXY (2' LINE, 2' GAP, WHITE)
19. MARKING LINE EPOXY 6-INCH (WHITE)
20. MARKING LINE EPOXY 6-INCH (12.5' LINE WHITE, 12.5' LINE BLACK, 25' GAP)
21. MARKING LINE EPOXY 10-INCH (6' LINE, 3' GAP, WHITE)
22. MARKING LINE EPOXY 10-INCH (WHITE)
23. MARKING LINE EPOXY 10-INCH (3' LINE, 9' GAPS, WHITE)
24. MARKING LINE GROOVED WET REF EPOXY 6-INCH (3' LINE, 9' GAPS, WHITE)
25. MARKING LINE GROOVED WET REF EPOXY 4-INCH (WHITE)
26. MARKING LINE GROOVED WET REF EPOXY 4-INCH (YELLOW)
27. MARKING YIELD LINE EPOXY 18-INCH (WHITE)
28. MARKING LINE GROOVED WET REF EPOXY 8-INCH (WHITE)

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	PAVEMENT MARKING	SHEET 228	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\024501A_PM.DWG
LAYOUT NAME - 16
PLOT DATE : 4/27/2026 11:55 AM
PLOT BY : SIPEK, KIRSTEN
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

N

7 STONES DR
STEVEN STONE DRIVE

STH 164/PEWAUKEE RD

STA 289+04.98, -46.00' LT
STA 292+45.93, -50.84' LT
STA 292+67.84, -15.08' LT
STA 292+23.98, 0.44' RT
STA 293+85.53, -14.80' LT
STA 294+15.74, -39.00' LT
PT: 292+50.59

289+00 290+00 291+00 292+00 293+00 294+00

12' 12' 12' 12'

RIPRAP

POST MH SIGN INL W

PAVEMENT MARKING LEGEND

1. MARKING CURB EPOXY (YELLOW)
2. MARKING ISLAND NOSE EPOXY (YELLOW)
3. MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE)
4. MARKING LINE GROOVED WET REF EPOXY 6-INCH W/ MARKING LINE GROOVED BLACK EPOXY 6-INCH (12.5' WHITE LINE W/ 12.5' BLACK LINE, 25' GAP)
5. MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW)
6. MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
7. MARKING LINE GROOVED WET REF EPOXY 10-INCH (2' LINE, 6' GAP, WHITE)
8. MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE)
9. MARKING LINE GROOVED WET REF EPOXY 10-INCH (3' LINE, 9' GAPS, WHITE)
10. MARKING STOP LINE EPOXY 18-INCH (WHITE)
11. MARKING WORD EPOXY (WHITE)
12. MARKING ARROW EPOXY (WHITE)
13. MARKING DIAGONAL EPOXY 12-INCH (WHITE)
14. MARKING RAILROAD CROSSING EPOXY (WHITE)
15. MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
16. MARKING CORRUGATED MEDIAN EPOXY(YELLOW)
17. MARKING LINE EPOXY 6-INCH (12.5' LINE, 37.5' GAP, YELLOW)
18. MARKING DOTTED EXTENSION 18-INCH EPOXY (2' LINE, 2' GAP, WHITE)
19. MARKING LINE EPOXY 6-INCH (WHITE)
20. MARKING LINE EPOXY 6-INCH (12.5' LINE WHITE, 12.5' LINE BLACK, 25' GAP)
21. MARKING LINE EPOXY 10-INCH (6' LINE, 3' GAP, WHITE)
22. MARKING LINE EPOXY 10-INCH (WHITE)
23. MARKING LINE EPOXY 10-INCH (3' LINE, 9' GAPS, WHITE)
24. MARKING LINE GROOVED WET REF EPOXY 6-INCH (3' LINE, 9' GAPS, WHITE)
25. MARKING LINE GROOVED WET REF EPOXY 4-INCH (WHITE)
26. MARKING LINE GROOVED WET REF EPOXY 4-INCH (YELLOW)
27. MARKING YIELD LINE EPOXY 18-INCH (WHITE)
28. MARKING LINE GROOVED WET REF EPOXY 8-INCH (WHITE)

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	PAVEMENT MARKING	SHEET 229	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\024501A_PM.DWG
LAYOUT NAME - 17
PLOT DATE : 4/27/2026 11:55 AM
PLOT BY : SIPEK, KIRSTEN
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

N

SIGN

POST

4+15.74, -39.00' LT

INL

MH

INL

4.80' LT

295+00 296+00 297+00 298+00 299+00 300+00

POST

SIGN

INL

INL

SIGN

4

3

5

3

PAVEMENT MARKING LEGEND

1 MARKING CURB EPOXY (YELLOW)

2 MARKING ISLAND NOSE EPOXY (YELLOW)

3 MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE)

4 MARKING LINE GROOVED WET REF EPOXY 6-INCH W/ MARKING LINE GROOVED BLACK EPOXY 6-INCH (12.5' WHITE LINE W/ 12.5' BLACK LINE, 25' GAP)

5 MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW)

6 MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)

7 MARKING LINE GROOVED WET REF EPOXY 10-INCH (2' LINE, 6' GAP, WHITE)

8 MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE)

9 MARKING LINE GROOVED WET REF EPOXY 10-INCH (3' LINE, 9' GAPS, WHITE)

10 MARKING STOP LINE EPOXY 18-INCH (WHITE)

11 MARKING WORD EPOXY (WHITE)

12 MARKING ARROW EPOXY (WHITE)

13 MARKING DIAGONAL EPOXY 12-INCH (WHITE)

14 MARKING RAILROAD CROSSING EPOXY (WHITE)

15 MARKING DIAGONAL EPOXY 12-INCH (YELLOW)

16 MARKING CORRUGATED MEDIAN EPOXY(YELLOW)

17 MARKING LINE EPOXY 6-INCH (12.5' LINE, 37.5' GAP, YELLOW)

18 MARKING DOTTED EXTENSION 18-INCH EPOXY (2' LINE, 2' GAP, WHITE)

19 MARKING LINE EPOXY 6-INCH (WHITE)

20 MARKING LINE EPOXY 6-INCH (12.5' LINE WHITE, 12.5' LINE BLACK, 25' GAP)

21 MARKING LINE EPOXY 10-INCH (6' LINE, 3' GAP, WHITE)

22 MARKING LINE EPOXY 10-INCH (WHITE)

23 MARKING LINE EPOXY 10-INCH (3' LINE, 9' GAPS, WHITE)

24 MARKING LINE GROOVED WET REF EPOXY 6-INCH (3' LINE, 9' GAPS, WHITE)

25 MARKING LINE GROOVED WET REF EPOXY 4-INCH (WHITE)

26 MARKING LINE GROOVED WET REF EPOXY 4-INCH (YELLOW)

27 MARKING YIELD LINE EPOXY 18-INCH (WHITE)

28 MARKING LINE GROOVED WET REF EPOXY 8-INCH (WHITE)

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	PAVEMENT MARKING	SHEET 230	E

2

N

W

SIGN

RIPRAP

INL

MH

INL

SIGN

INL

INL

INL

INL

INL

SIGN

8'

12'

12'

4'

301+00

302+00

303+00

304+00

305+00

306+00

3

4

5

3

PAVEMENT MARKING LEGEND

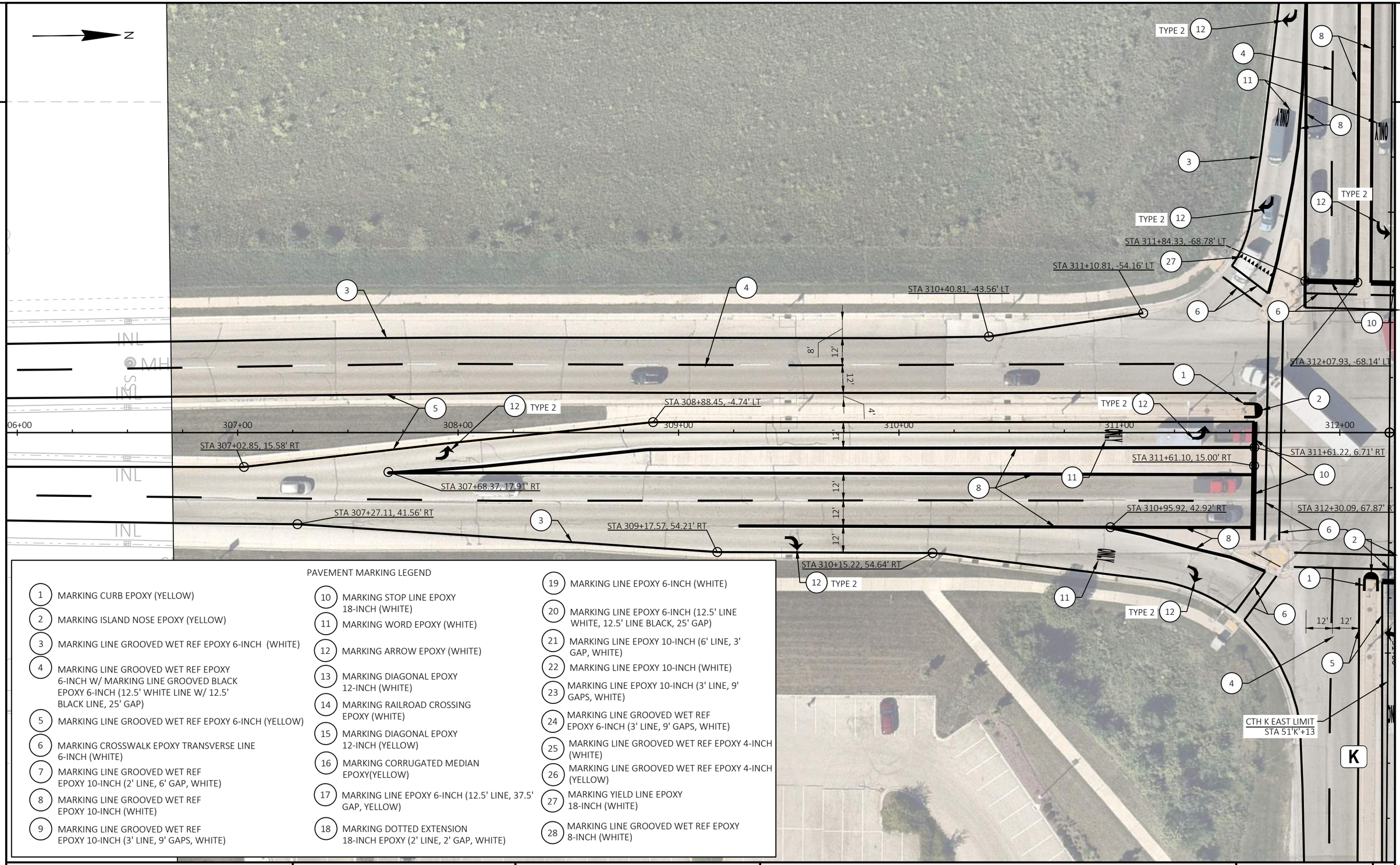
1. MARKING CURB EPOXY (YELLOW)
2. MARKING ISLAND NOSE EPOXY (YELLOW)
3. MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE)
4. MARKING LINE GROOVED WET REF EPOXY 6-INCH W/ MARKING LINE GROOVED BLACK EPOXY 6-INCH (12.5' WHITE LINE W/ 12.5' BLACK LINE, 25' GAP)
5. MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW)
6. MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
7. MARKING LINE GROOVED WET REF EPOXY 10-INCH (2' LINE, 6' GAP, WHITE)
8. MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE)
9. MARKING LINE GROOVED WET REF EPOXY 10-INCH (3' LINE, 9' GAPS, WHITE)
10. MARKING STOP LINE EPOXY 18-INCH (WHITE)
11. MARKING WORD EPOXY (WHITE)
12. MARKING ARROW EPOXY (WHITE)
13. MARKING DIAGONAL EPOXY 12-INCH (WHITE)
14. MARKING RAILROAD CROSSING EPOXY (WHITE)
15. MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
16. MARKING CORRUGATED MEDIAN EPOXY(YELLOW)
17. MARKING LINE EPOXY 6-INCH (12.5' LINE, 37.5' GAP, YELLOW)
18. MARKING DOTTED EXTENSION 18-INCH EPOXY (2' LINE, 2' GAP, WHITE)
19. MARKING LINE EPOXY 6-INCH (WHITE)
20. MARKING LINE EPOXY 6-INCH (12.5' LINE WHITE, 12.5' LINE BLACK, 25' GAP)
21. MARKING LINE EPOXY 10-INCH (6' LINE, 3' GAP, WHITE)
22. MARKING LINE EPOXY 10-INCH (WHITE)
23. MARKING LINE EPOXY 10-INCH (3' LINE, 9' GAPS, WHITE)
24. MARKING LINE GROOVED WET REF EPOXY 6-INCH (3' LINE, 9' GAPS, WHITE)
25. MARKING LINE GROOVED WET REF EPOXY 4-INCH (WHITE)
26. MARKING LINE GROOVED WET REF EPOXY 4-INCH (YELLOW)
27. MARKING YIELD LINE EPOXY 18-INCH (WHITE)
28. MARKING LINE GROOVED WET REF EPOXY 8-INCH (WHITE)

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	PAVEMENT MARKING	SHEET 231	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\024501A_PM.DWG
LAYOUT NAME - 19

PLOT DATE : 4/27/2026 11:56 AM PLOT BY : SIPEK, KIRSTEN PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

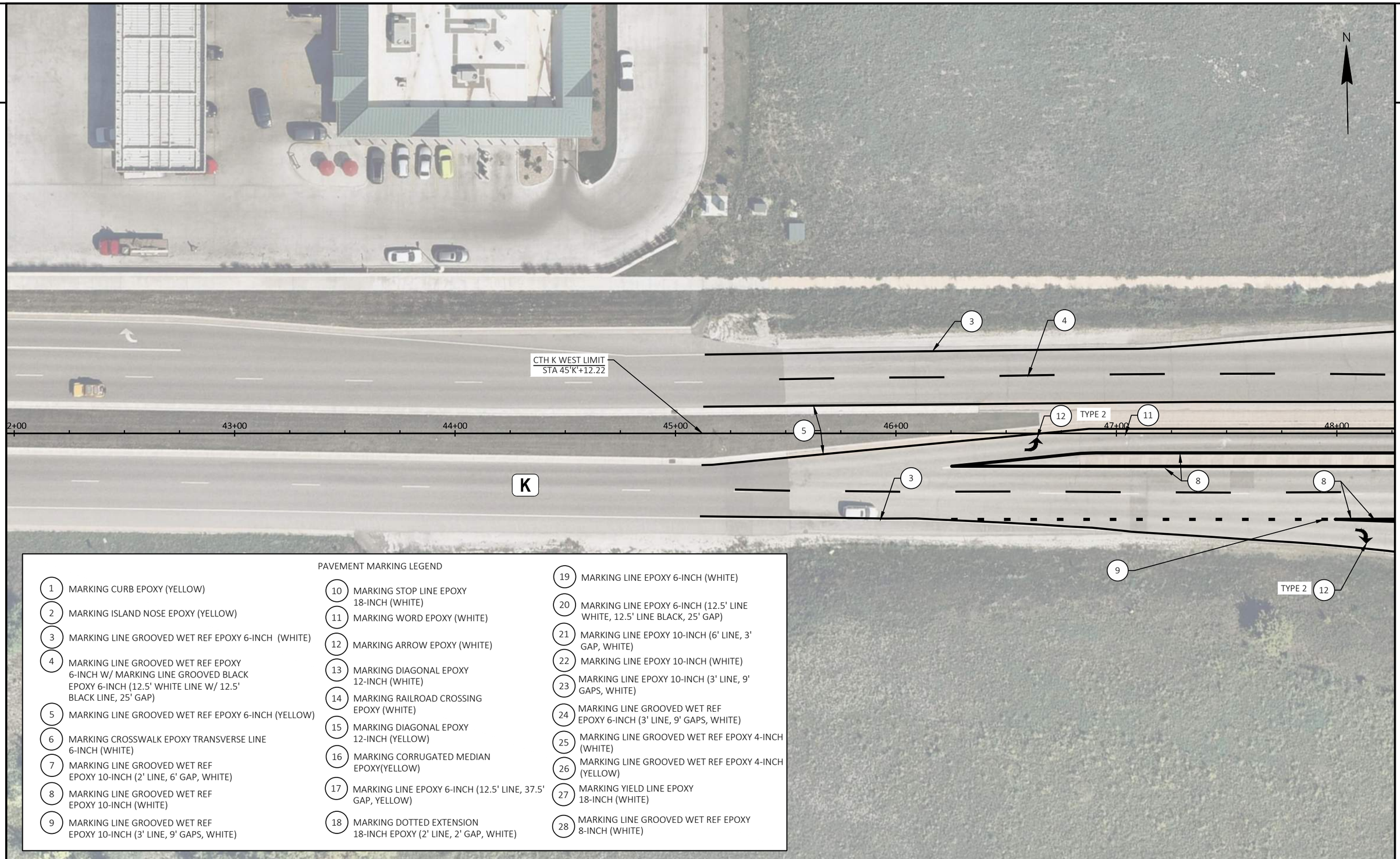


PAVEMENT MARKING LEGEND

1. MARKING CURB EPOXY (YELLOW)
2. MARKING ISLAND NOSE EPOXY (YELLOW)
3. MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE)
4. MARKING LINE GROOVED WET REF EPOXY 6-INCH W/ MARKING LINE GROOVED BLACK EPOXY 6-INCH (12.5' WHITE LINE W/ 12.5' BLACK LINE, 25' GAP)
5. MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW)
6. MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
7. MARKING LINE GROOVED WET REF EPOXY 10-INCH (2' LINE, 6' GAP, WHITE)
8. MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE)
9. MARKING LINE GROOVED WET REF EPOXY 10-INCH (3' LINE, 9' GAPS, WHITE)
10. MARKING STOP LINE EPOXY 18-INCH (WHITE)
11. MARKING WORD EPOXY (WHITE)
12. MARKING ARROW EPOXY (WHITE)
13. MARKING DIAGONAL EPOXY 12-INCH (WHITE)
14. MARKING RAILROAD CROSSING EPOXY (WHITE)
15. MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
16. MARKING CORRUGATED MEDIAN EPOXY(YELLOW)
17. MARKING LINE EPOXY 6-INCH (12.5' LINE, 37.5' GAP, YELLOW)
18. MARKING DOTTED EXTENSION 18-INCH EPOXY (2' LINE, 2' GAP, WHITE)
19. MARKING LINE EPOXY 6-INCH (WHITE)
20. MARKING LINE EPOXY 6-INCH (12.5' LINE WHITE, 12.5' LINE BLACK, 25' GAP)
21. MARKING LINE EPOXY 10-INCH (6' LINE, 3' GAP, WHITE)
22. MARKING LINE EPOXY 10-INCH (WHITE)
23. MARKING LINE EPOXY 10-INCH (3' LINE, 9' GAPS, WHITE)
24. MARKING LINE GROOVED WET REF EPOXY 6-INCH (3' LINE, 9' GAPS, WHITE)
25. MARKING LINE GROOVED WET REF EPOXY 4-INCH (WHITE)
26. MARKING LINE GROOVED WET REF EPOXY 4-INCH (YELLOW)
27. MARKING YIELD LINE EPOXY 18-INCH (WHITE)
28. MARKING LINE GROOVED WET REF EPOXY 8-INCH (WHITE)

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	PAVEMENT MARKING	SHEET 232	E

2

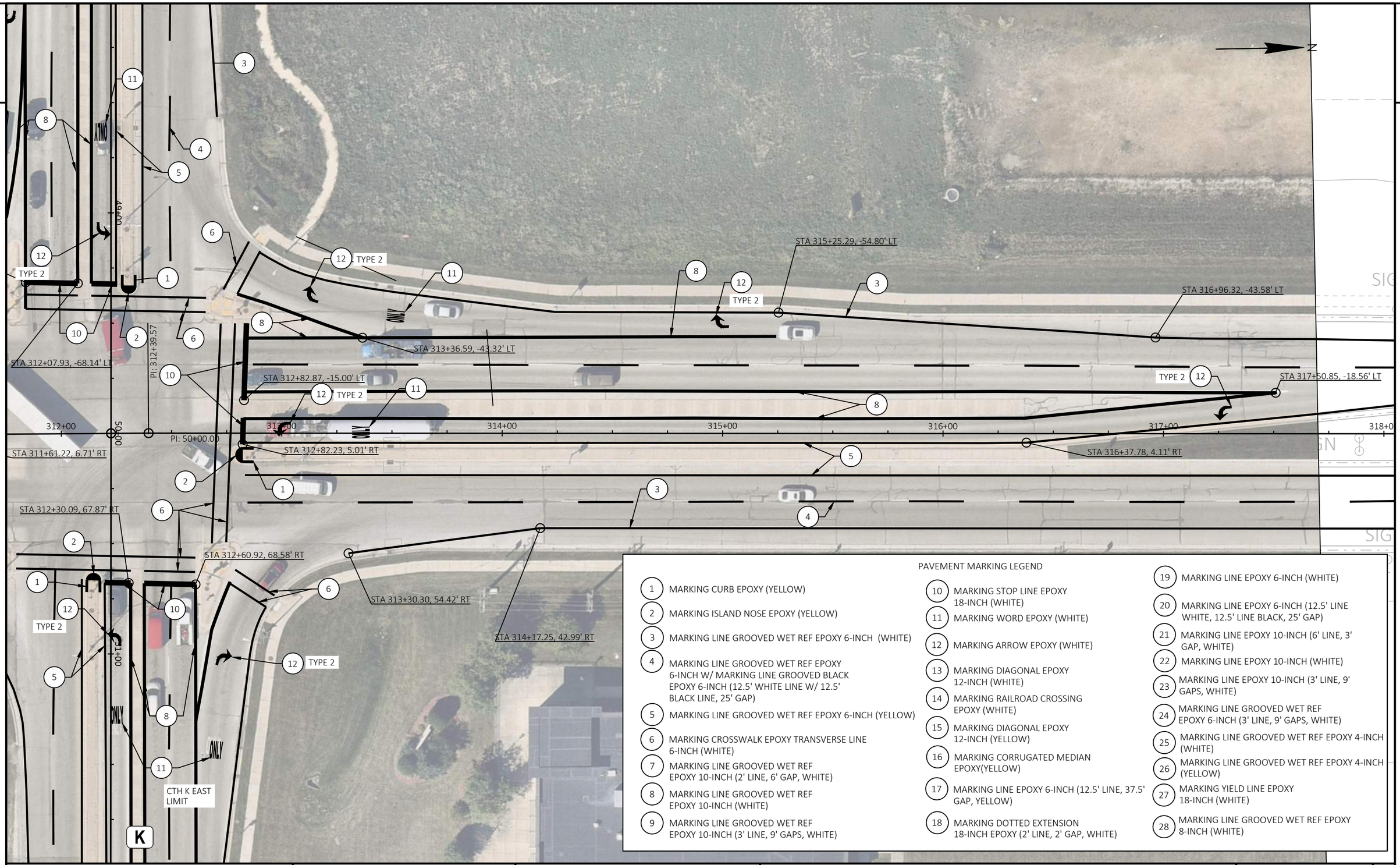


PAVEMENT MARKING LEGEND

1. MARKING CURB EPOXY (YELLOW)
2. MARKING ISLAND NOSE EPOXY (YELLOW)
3. MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE)
4. MARKING LINE GROOVED WET REF EPOXY 6-INCH W/ MARKING LINE GROOVED BLACK EPOXY 6-INCH (12.5' WHITE LINE W/ 12.5' BLACK LINE, 25' GAP)
5. MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW)
6. MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
7. MARKING LINE GROOVED WET REF EPOXY 10-INCH (2' LINE, 6' GAP, WHITE)
8. MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE)
9. MARKING LINE GROOVED WET REF EPOXY 10-INCH (3' LINE, 9' GAPS, WHITE)
10. MARKING STOP LINE EPOXY 18-INCH (WHITE)
11. MARKING WORD EPOXY (WHITE)
12. MARKING ARROW EPOXY (WHITE)
13. MARKING DIAGONAL EPOXY 12-INCH (WHITE)
14. MARKING RAILROAD CROSSING EPOXY (WHITE)
15. MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
16. MARKING CORRUGATED MEDIAN EPOXY(YELLOW)
17. MARKING LINE EPOXY 6-INCH (12.5' LINE, 37.5' GAP, YELLOW)
18. MARKING DOTTED EXTENSION 18-INCH EPOXY (2' LINE, 2' GAP, WHITE)
19. MARKING LINE EPOXY 6-INCH (WHITE)
20. MARKING LINE EPOXY 6-INCH (12.5' LINE WHITE, 12.5' LINE BLACK, 25' GAP)
21. MARKING LINE EPOXY 10-INCH (6' LINE, 3' GAP, WHITE)
22. MARKING LINE EPOXY 10-INCH (WHITE)
23. MARKING LINE EPOXY 10-INCH (3' LINE, 9' GAPS, WHITE)
24. MARKING LINE GROOVED WET REF EPOXY 6-INCH (3' LINE, 9' GAPS, WHITE)
25. MARKING LINE GROOVED WET REF EPOXY 4-INCH (WHITE)
26. MARKING LINE GROOVED WET REF EPOXY 4-INCH (YELLOW)
27. MARKING YIELD LINE EPOXY 18-INCH (WHITE)
28. MARKING LINE GROOVED WET REF EPOXY 8-INCH (WHITE)

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	PAVEMENT MARKING	SHEET 233	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\024501A_PM.DWG
LAYOUT NAME - 21
PLOT DATE : 4/27/2026 11:56 AM
PLOT BY : SIPEK, KIRSTEN
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42



PAVEMENT MARKING LEGEND

1. MARKING CURB EPOXY (YELLOW)
2. MARKING ISLAND NOSE EPOXY (YELLOW)
3. MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE)
4. MARKING LINE GROOVED WET REF EPOXY 6-INCH W/ MARKING LINE GROOVED BLACK EPOXY 6-INCH (12.5' WHITE LINE W/ 12.5' BLACK LINE, 25' GAP)
5. MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW)
6. MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
7. MARKING LINE GROOVED WET REF EPOXY 10-INCH (2' LINE, 6' GAP, WHITE)
8. MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE)
9. MARKING LINE GROOVED WET REF EPOXY 10-INCH (3' LINE, 9' GAPS, WHITE)
10. MARKING STOP LINE EPOXY 18-INCH (WHITE)
11. MARKING WORD EPOXY (WHITE)
12. MARKING ARROW EPOXY (WHITE)
13. MARKING DIAGONAL EPOXY 12-INCH (WHITE)
14. MARKING RAILROAD CROSSING EPOXY (WHITE)
15. MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
16. MARKING CORRUGATED MEDIAN EPOXY(YELLOW)
17. MARKING LINE EPOXY 6-INCH (12.5' LINE, 37.5' GAP, YELLOW)
18. MARKING DOTTED EXTENSION 18-INCH EPOXY (2' LINE, 2' GAP, WHITE)
19. MARKING LINE EPOXY 6-INCH (WHITE)
20. MARKING LINE EPOXY 6-INCH (12.5' LINE WHITE, 12.5' LINE BLACK, 25' GAP)
21. MARKING LINE EPOXY 10-INCH (6' LINE, 3' GAP, WHITE)
22. MARKING LINE EPOXY 10-INCH (WHITE)
23. MARKING LINE EPOXY 10-INCH (3' LINE, 9' GAPS, WHITE)
24. MARKING LINE GROOVED WET REF EPOXY 6-INCH (3' LINE, 9' GAPS, WHITE)
25. MARKING LINE GROOVED WET REF EPOXY 4-INCH (WHITE)
26. MARKING LINE GROOVED WET REF EPOXY 4-INCH (YELLOW)
27. MARKING YIELD LINE EPOXY 18-INCH (WHITE)
28. MARKING LINE GROOVED WET REF EPOXY 8-INCH (WHITE)

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	PAVEMENT MARKING	SHEET 234	E

2

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INL
POST
RIPRAP
SIGN
STA 317+50.85, -18.56' LT
STA 318+30.62, -15.79' LT
318+00
319+00
320+00
321+00
322+00
323+00
STA 319+97.95, 14.81' RT
STA 318+08.54, 42.99' RT
STA 319+99.23, 50.97' RT
8'
4'
12'
12'
12'
(?)C
S CORPORATE CIRCLE LIMIT
STA 60'E'+49.13
S CORPORATE CIRCLE
STA 323+26.81, 46.15' RT
MH
SS
SAN
W
INL
RATE CIR

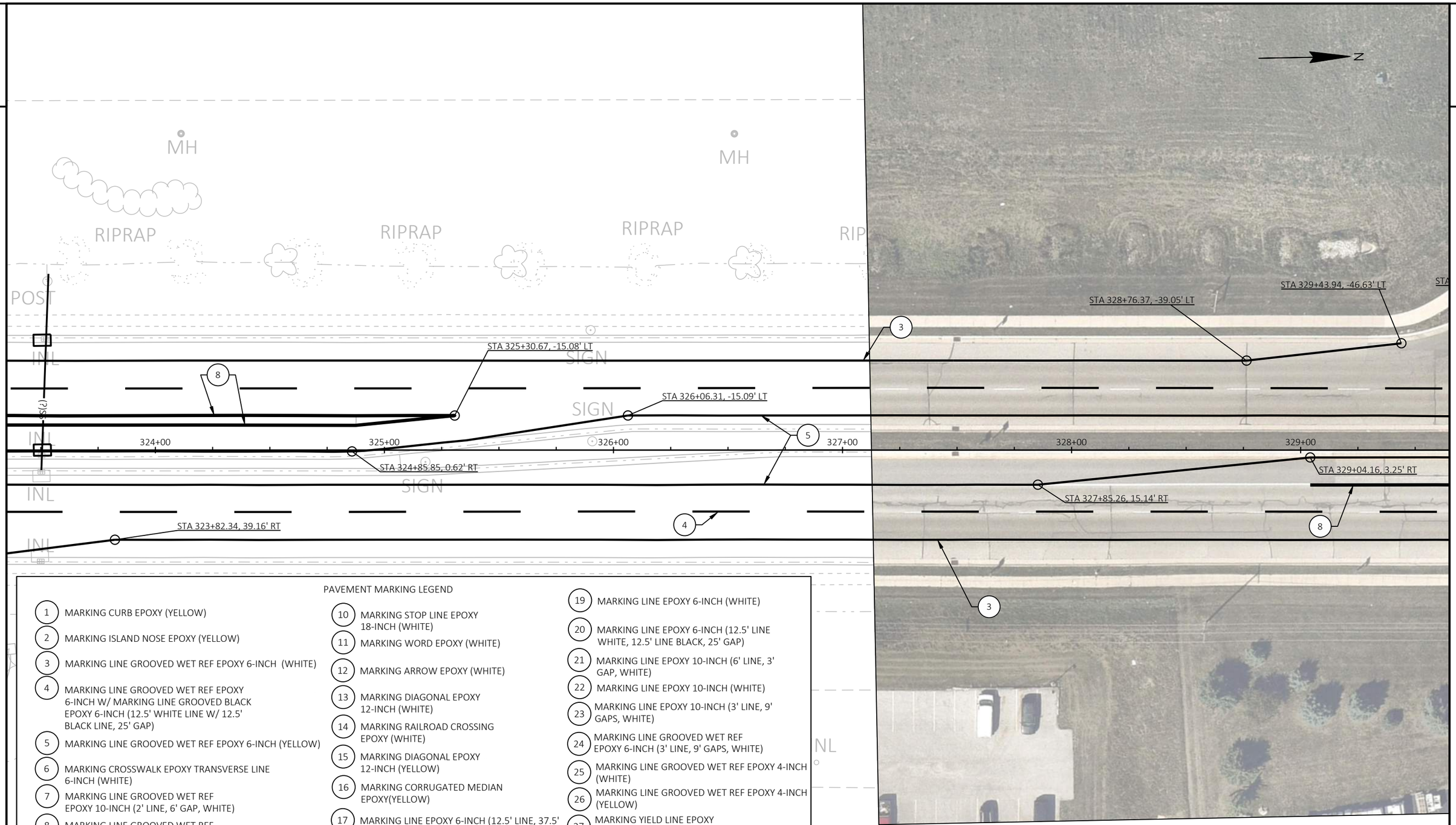
PAVEMENT MARKING LEGEND

1. MARKING CURB EPOXY (YELLOW)
2. MARKING ISLAND NOSE EPOXY (YELLOW)
3. MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE)
4. MARKING LINE GROOVED WET REF EPOXY 6-INCH W/ MARKING LINE GROOVED BLACK EPOXY 6-INCH (12.5' WHITE LINE W/ 12.5' BLACK LINE, 25' GAP)
5. MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW)
6. MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
7. MARKING LINE GROOVED WET REF EPOXY 10-INCH (2' LINE, 6' GAP, WHITE)
8. MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE)
9. MARKING LINE GROOVED WET REF EPOXY 10-INCH (3' LINE, 9' GAPS, WHITE)
10. MARKING STOP LINE EPOXY 18-INCH (WHITE)
11. MARKING WORD EPOXY (WHITE)
12. MARKING ARROW EPOXY (WHITE)
13. MARKING DIAGONAL EPOXY 12-INCH (WHITE)
14. MARKING RAILROAD CROSSING EPOXY (WHITE)
15. MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
16. MARKING CORRUGATED MEDIAN EPOXY(YELLOW)
17. MARKING LINE EPOXY 6-INCH (12.5' LINE, 37.5' GAP, YELLOW)
18. MARKING DOTTED EXTENSION 18-INCH EPOXY (2' LINE, 2' GAP, WHITE)
19. MARKING LINE EPOXY 6-INCH (WHITE)
20. MARKING LINE EPOXY 6-INCH (12.5' LINE WHITE, 12.5' LINE BLACK, 25' GAP)
21. MARKING LINE EPOXY 10-INCH (6' LINE, 3' GAP, WHITE)
22. MARKING LINE EPOXY 10-INCH (WHITE)
23. MARKING LINE EPOXY 10-INCH (3' LINE, 9' GAPS, WHITE)
24. MARKING LINE GROOVED WET REF EPOXY 6-INCH (3' LINE, 9' GAPS, WHITE)
25. MARKING LINE GROOVED WET REF EPOXY 4-INCH (WHITE)
26. MARKING LINE GROOVED WET REF EPOXY 4-INCH (YELLOW)
27. MARKING YIELD LINE EPOXY 18-INCH (WHITE)
28. MARKING LINE GROOVED WET REF EPOXY 8-INCH (WHITE)

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	PAVEMENT MARKING	SHEET 235	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\024501A_PM.DWG
LAYOUT NAME - 23
PLOT DATE : 4/27/2026 11:57 AM
PLOT BY : SIPEK, KIRSTEN
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

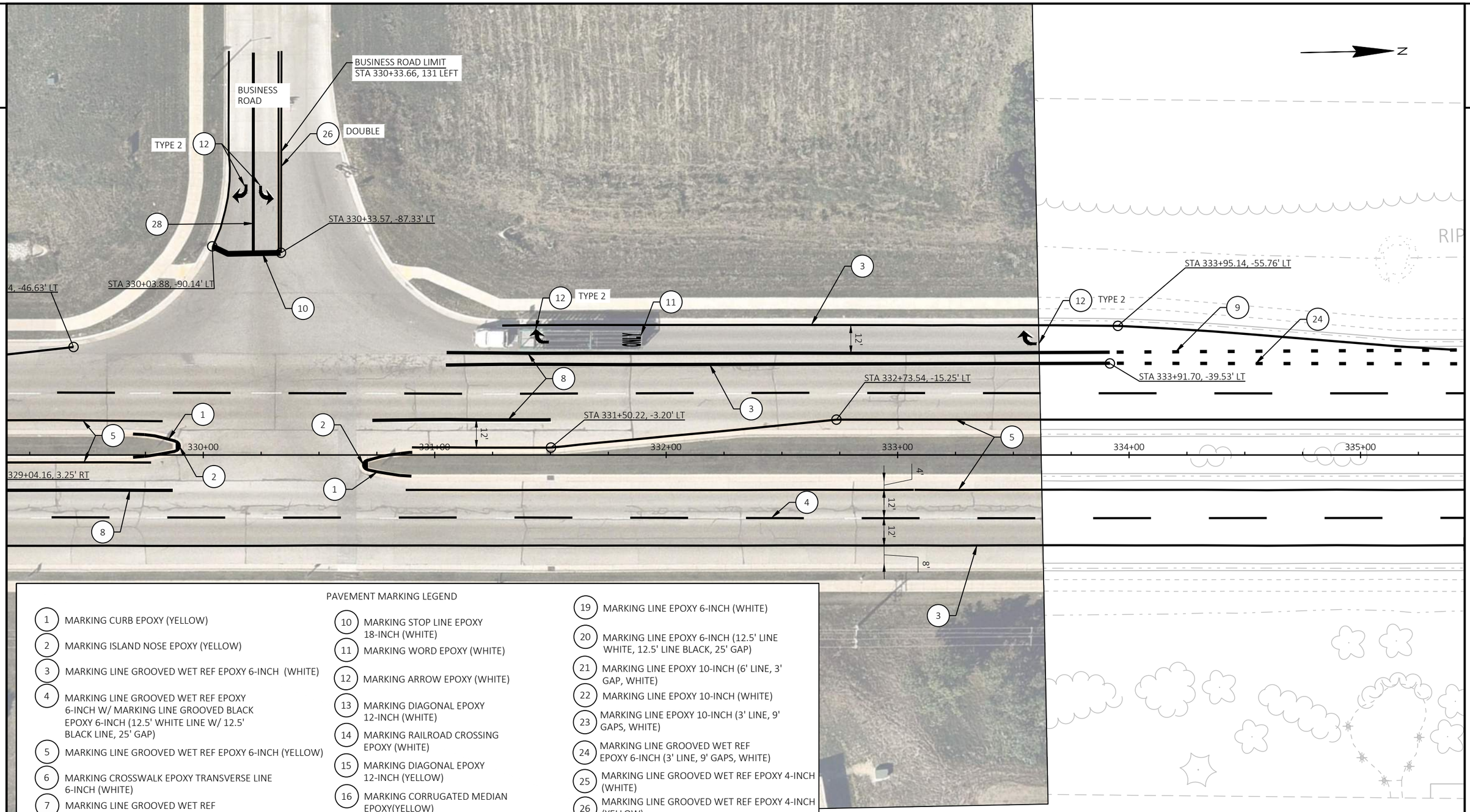


PAVEMENT MARKING LEGEND

1. MARKING CURB EPOXY (YELLOW)
2. MARKING ISLAND NOSE EPOXY (YELLOW)
3. MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE)
4. MARKING LINE GROOVED WET REF EPOXY 6-INCH W/ MARKING LINE GROOVED BLACK EPOXY 6-INCH (12.5' WHITE LINE W/ 12.5' BLACK LINE, 25' GAP)
5. MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW)
6. MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
7. MARKING LINE GROOVED WET REF EPOXY 10-INCH (2' LINE, 6' GAP, WHITE)
8. MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE)
9. MARKING LINE GROOVED WET REF EPOXY 10-INCH (3' LINE, 9' GAPS, WHITE)
10. MARKING STOP LINE EPOXY 18-INCH (WHITE)
11. MARKING WORD EPOXY (WHITE)
12. MARKING ARROW EPOXY (WHITE)
13. MARKING DIAGONAL EPOXY 12-INCH (WHITE)
14. MARKING RAILROAD CROSSING EPOXY (WHITE)
15. MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
16. MARKING CORRUGATED MEDIAN EPOXY(YELLOW)
17. MARKING LINE EPOXY 6-INCH (12.5' LINE, 37.5' GAP, YELLOW)
18. MARKING DOTTED EXTENSION 18-INCH EPOXY (2' LINE, 2' GAP, WHITE)
19. MARKING LINE EPOXY 6-INCH (WHITE)
20. MARKING LINE EPOXY 6-INCH (12.5' LINE WHITE, 12.5' LINE BLACK, 25' GAP)
21. MARKING LINE EPOXY 10-INCH (6' LINE, 3' GAP, WHITE)
22. MARKING LINE EPOXY 10-INCH (WHITE)
23. MARKING LINE EPOXY 10-INCH (3' LINE, 9' GAPS, WHITE)
24. MARKING LINE GROOVED WET REF EPOXY 6-INCH (3' LINE, 9' GAPS, WHITE)
25. MARKING LINE GROOVED WET REF EPOXY 4-INCH (WHITE)
26. MARKING LINE GROOVED WET REF EPOXY 4-INCH (YELLOW)
27. MARKING YIELD LINE EPOXY 18-INCH (WHITE)
28. MARKING LINE GROOVED WET REF EPOXY 8-INCH (WHITE)

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	PAVEMENT MARKING	SHEET 236	E

2



PAVEMENT MARKING LEGEND

1. MARKING CURB EPOXY (YELLOW)
2. MARKING ISLAND NOSE EPOXY (YELLOW)
3. MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE)
4. MARKING LINE GROOVED WET REF EPOXY 6-INCH W/ MARKING LINE GROOVED BLACK EPOXY 6-INCH (12.5' WHITE LINE W/ 12.5' BLACK LINE, 25' GAP)
5. MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW)
6. MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
7. MARKING LINE GROOVED WET REF EPOXY 10-INCH (2' LINE, 6' GAP, WHITE)
8. MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE)
9. MARKING LINE GROOVED WET REF EPOXY 10-INCH (3' LINE, 9' GAPS, WHITE)
10. MARKING STOP LINE EPOXY 18-INCH (WHITE)
11. MARKING WORD EPOXY (WHITE)
12. MARKING ARROW EPOXY (WHITE)
13. MARKING DIAGONAL EPOXY 12-INCH (WHITE)
14. MARKING RAILROAD CROSSING EPOXY (WHITE)
15. MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
16. MARKING CORRUGATED MEDIAN EPOXY(YELLOW)
17. MARKING LINE EPOXY 6-INCH (12.5' LINE, 37.5' GAP, YELLOW)
18. MARKING DOTTED EXTENSION 18-INCH EPOXY (2' LINE, 2' GAP, WHITE)
19. MARKING LINE EPOXY 6-INCH (WHITE)
20. MARKING LINE EPOXY 6-INCH (12.5' LINE WHITE, 12.5' LINE BLACK, 25' GAP)
21. MARKING LINE EPOXY 10-INCH (6' LINE, 3' GAP, WHITE)
22. MARKING LINE EPOXY 10-INCH (WHITE)
23. MARKING LINE EPOXY 10-INCH (3' LINE, 9' GAPS, WHITE)
24. MARKING LINE GROOVED WET REF EPOXY 6-INCH (3' LINE, 9' GAPS, WHITE)
25. MARKING LINE GROOVED WET REF EPOXY 4-INCH (WHITE)
26. MARKING LINE GROOVED WET REF EPOXY 4-INCH (YELLOW)
27. MARKING YIELD LINE EPOXY 18-INCH (WHITE)
28. MARKING LINE GROOVED WET REF EPOXY 8-INCH (WHITE)

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	PAVEMENT MARKING	SHEET 237	E

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STA 336+41.74, -39.25' LT

PC: 336+41.74

STA 339+33.07, 15.01' RT

STA 340+94.12, -0.70' LT

STA 340+43.85, 15.56' RT

STA 338+87.45, 39.02' RT

STA 340+65.56, 50.57' RT

35+00

336+00

337+00

338+00

339+00

340+00

341+00

PAVEMENT MARKING LEGEND

1. MARKING CURB EPOXY (YELLOW)
2. MARKING ISLAND NOSE EPOXY (YELLOW)
3. MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE)
4. MARKING LINE GROOVED WET REF EPOXY 6-INCH W/ MARKING LINE GROOVED BLACK EPOXY 6-INCH (12.5' WHITE LINE W/ 12.5' BLACK LINE, 25' GAP)
5. MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW)
6. MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
7. MARKING LINE GROOVED WET REF EPOXY 10-INCH (2' LINE, 6' GAP, WHITE)
8. MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE)
9. MARKING LINE GROOVED WET REF EPOXY 10-INCH (3' LINE, 9' GAPS, WHITE)
10. MARKING STOP LINE EPOXY 18-INCH (WHITE)
11. MARKING WORD EPOXY (WHITE)
12. MARKING ARROW EPOXY (WHITE)
13. MARKING DIAGONAL EPOXY 12-INCH (WHITE)
14. MARKING RAILROAD CROSSING EPOXY (WHITE)
15. MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
16. MARKING CORRUGATED MEDIAN EPOXY(YELLOW)
17. MARKING LINE EPOXY 6-INCH (12.5' LINE, 37.5' GAP, YELLOW)
18. MARKING DOTTED EXTENSION 18-INCH EPOXY (2' LINE, 2' GAP, WHITE)
19. MARKING LINE EPOXY 6-INCH (WHITE)
20. MARKING LINE EPOXY 6-INCH (12.5' LINE WHITE, 12.5' LINE BLACK, 25' GAP)
21. MARKING LINE EPOXY 10-INCH (6' LINE, 3' GAP, WHITE)
22. MARKING LINE EPOXY 10-INCH (WHITE)
23. MARKING LINE EPOXY 10-INCH (3' LINE, 9' GAPS, WHITE)
24. MARKING LINE GROOVED WET REF EPOXY 6-INCH (3' LINE, 9' GAPS, WHITE)
25. MARKING LINE GROOVED WET REF EPOXY 4-INCH (WHITE)
26. MARKING LINE GROOVED WET REF EPOXY 4-INCH (YELLOW)
27. MARKING YIELD LINE EPOXY 18-INCH (WHITE)
28. MARKING LINE GROOVED WET REF EPOXY 8-INCH (WHITE)

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	PAVEMENT MARKING	SHEET 238	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\024501A_PM.DWG
LAYOUT NAME - 26

PLOT DATE : 4/27/2026 11:58 AM PLOT BY : SIPEK, KIRSTEN PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

RICHMOND ROAD

RICHMOND ROAD LIMIT
STA 68'F'+45.31

STA 341+98.26, -39.25' LT

STA 342+50.34, -46.35' LT

STA 342+98.21, -65.50' LT

STA 346+18.52, -50.62' LT

STA 346+43.05, -15.59' LT

STA 345+93.75, 0.63' RT

STA 344+26.16, 46.12' RT

STA 344+68.18, 39.59' RT

PT: 341+28.29

341+00 342+00 343+00 344+00 345+00 346+00 347+

STH 164/PEWAUKEE RD

STH 164/PEWAUKEE RD

N CORPORATE CIRCLE LIMIT
STA 70'F'+96

N CORPORATE CIR

RIPRAP POST SIGN INL MH

12' 4' 8'

PAVEMENT MARKING LEGEND

1. MARKING CURB EPOXY (YELLOW)
2. MARKING ISLAND NOSE EPOXY (YELLOW)
3. MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE)
4. MARKING LINE GROOVED WET REF EPOXY 6-INCH W/ MARKING LINE GROOVED BLACK EPOXY 6-INCH (12.5' WHITE LINE W/ 12.5' BLACK LINE, 25' GAP)
5. MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW)
6. MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
7. MARKING LINE GROOVED WET REF EPOXY 10-INCH (2' LINE, 6' GAP, WHITE)
8. MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE)
9. MARKING LINE GROOVED WET REF EPOXY 10-INCH (3' LINE, 9' GAPS, WHITE)
10. MARKING STOP LINE EPOXY 18-INCH (WHITE)
11. MARKING WORD EPOXY (WHITE)
12. MARKING ARROW EPOXY (WHITE)
13. MARKING DIAGONAL EPOXY 12-INCH (WHITE)
14. MARKING RAILROAD CROSSING EPOXY (WHITE)
15. MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
16. MARKING CORRUGATED MEDIAN EPOXY(YELLOW)
17. MARKING LINE EPOXY 6-INCH (12.5' LINE, 37.5' GAP, YELLOW)
18. MARKING DOTTED EXTENSION 18-INCH EPOXY (2' LINE, 2' GAP, WHITE)
19. MARKING LINE EPOXY 6-INCH (WHITE)
20. MARKING LINE EPOXY 6-INCH (12.5' LINE WHITE, 12.5' LINE BLACK, 25' GAP)
21. MARKING LINE EPOXY 10-INCH (6' LINE, 3' GAP, WHITE)
22. MARKING LINE EPOXY 10-INCH (WHITE)
23. MARKING LINE EPOXY 10-INCH (3' LINE, 9' GAPS, WHITE)
24. MARKING LINE GROOVED WET REF EPOXY 6-INCH (3' LINE, 9' GAPS, WHITE)
25. MARKING LINE GROOVED WET REF EPOXY 4-INCH (WHITE)
26. MARKING LINE GROOVED WET REF EPOXY 4-INCH (YELLOW)
27. MARKING YIELD LINE EPOXY 18-INCH (WHITE)
28. MARKING LINE GROOVED WET REF EPOXY 8-INCH (WHITE)

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	PAVEMENT MARKING	SHEET 239	E

2

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POST

WEST LIMIT
STA 352+33, 46' LEFT

STA 351+51.86, -45.55' LT

STA 350+97.41, -39.59' LT

STA 348+00.96, -39.59' LT

, -50.62' LT

, 346+43.05, -15.59' LT

STA 347+44.46, -15.59' LT

STA 349+70.93, -0.68' LT

347+00 348+00 349+00 350+00 351+00 352+00

STA 348+06.61, 15.59' RT

STA 349+21.49, 15.59' RT

STA 347+79.62, 39.59' RT

STA 349+49.38, 50.66' RT

STA 352+47.08, 68.41'

DOUBLE

CLOVER DRIVE LIMIT
STA 81'G'+11.83

CLOVER DRIVE

SIGN INL W GV SAN MH A/C DR

PAVEMENT MARKING LEGEND

1. MARKING CURB EPOXY (YELLOW)
2. MARKING ISLAND NOSE EPOXY (YELLOW)
3. MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE)
4. MARKING LINE GROOVED WET REF EPOXY 6-INCH W/ MARKING LINE GROOVED BLACK EPOXY 6-INCH (12.5' WHITE LINE W/ 12.5' BLACK LINE, 25' GAP)
5. MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW)
6. MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
7. MARKING LINE GROOVED WET REF EPOXY 10-INCH (2' LINE, 6' GAP, WHITE)
8. MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE)
9. MARKING LINE GROOVED WET REF EPOXY 10-INCH (3' LINE, 9' GAPS, WHITE)
10. MARKING STOP LINE EPOXY 18-INCH (WHITE)
11. MARKING WORD EPOXY (WHITE)
12. MARKING ARROW EPOXY (WHITE)
13. MARKING DIAGONAL EPOXY 12-INCH (WHITE)
14. MARKING RAILROAD CROSSING EPOXY (WHITE)
15. MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
16. MARKING CORRUGATED MEDIAN EPOXY(YELLOW)
17. MARKING LINE EPOXY 6-INCH (12.5' LINE, 37.5' GAP, YELLOW)
18. MARKING DOTTED EXTENSION 18-INCH EPOXY (2' LINE, 2' GAP, WHITE)
19. MARKING LINE EPOXY 6-INCH (WHITE)
20. MARKING LINE EPOXY 6-INCH (12.5' LINE WHITE, 12.5' LINE BLACK, 25' GAP)
21. MARKING LINE EPOXY 10-INCH (6' LINE, 3' GAP, WHITE)
22. MARKING LINE EPOXY 10-INCH (WHITE)
23. MARKING LINE EPOXY 10-INCH (3' LINE, 9' GAPS, WHITE)
24. MARKING LINE GROOVED WET REF EPOXY 6-INCH (3' LINE, 9' GAPS, WHITE)
25. MARKING LINE GROOVED WET REF EPOXY 4-INCH (WHITE)
26. MARKING LINE GROOVED WET REF EPOXY 4-INCH (YELLOW)
27. MARKING YIELD LINE EPOXY 18-INCH (WHITE)
28. MARKING LINE GROOVED WET REF EPOXY 8-INCH (WHITE)

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	PAVEMENT MARKING	SHEET 240	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\024501A_PM.DWG
LAYOUT NAME - 28
PLOT DATE : 4/27/2026 11:58 AM
PLOT BY : SIPEK, KIRSTEN
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

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SLAB

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STH 164/PEWAUKEE RD

STH 164/PEWAUKEE RD

STA 355+01.53, -50.55' LT

STA 356+79.46, -39.59' LT

STA 355+29.10, -15.59' LT

STA 356+31.58, -15.59' LT

STA 352+47.08, 68.41' RT

STA 352+84.80, 46.49' RT

STA 353+49.43, 39.49' RT

PC 354+20.11

12'

12'

12'

12'

4'

8'

353+00

354+00

355+00

356+00

357+00

358+00

1

2

3

4

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8

PAVEMENT MARKING LEGEND

1. MARKING CURB EPOXY (YELLOW)
2. MARKING ISLAND NOSE EPOXY (YELLOW)
3. MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE)
4. MARKING LINE GROOVED WET REF EPOXY 6-INCH W/ MARKING LINE GROOVED BLACK EPOXY 6-INCH (12.5' WHITE LINE W/ 12.5' BLACK LINE, 25' GAP)
5. MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW)
6. MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
7. MARKING LINE GROOVED WET REF EPOXY 10-INCH (2' LINE, 6' GAP, WHITE)
8. MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE)
9. MARKING LINE GROOVED WET REF EPOXY 10-INCH (3' LINE, 9' GAPS, WHITE)
10. MARKING STOP LINE EPOXY 18-INCH (WHITE)
11. MARKING WORD EPOXY (WHITE)
12. MARKING ARROW EPOXY (WHITE)
13. MARKING DIAGONAL EPOXY 12-INCH (WHITE)
14. MARKING RAILROAD CROSSING EPOXY (WHITE)
15. MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
16. MARKING CORRUGATED MEDIAN EPOXY(YELLOW)
17. MARKING LINE EPOXY 6-INCH (12.5' LINE, 37.5' GAP, YELLOW)
18. MARKING DOTTED EXTENSION 18-INCH EPOXY (2' LINE, 2' GAP, WHITE)
19. MARKING LINE EPOXY 6-INCH (WHITE)
20. MARKING LINE EPOXY 6-INCH (12.5' LINE WHITE, 12.5' LINE BLACK, 25' GAP)
21. MARKING LINE EPOXY 10-INCH (6' LINE, 3' GAP, WHITE)
22. MARKING LINE EPOXY 10-INCH (WHITE)
23. MARKING LINE EPOXY 10-INCH (3' LINE, 9' GAPS, WHITE)
24. MARKING LINE GROOVED WET REF EPOXY 6-INCH (3' LINE, 9' GAPS, WHITE)
25. MARKING LINE GROOVED WET REF EPOXY 4-INCH (WHITE)
26. MARKING LINE GROOVED WET REF EPOXY 4-INCH (YELLOW)
27. MARKING YIELD LINE EPOXY 18-INCH (WHITE)
28. MARKING LINE GROOVED WET REF EPOXY 8-INCH (WHITE)

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	PAVEMENT MARKING	SHEET 241	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\024501A_PM.DWG
LAYOUT NAME - 29
PLOT DATE : 4/27/2026 11:59 AM
PLOT BY : SIPEK, KIRSTEN
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

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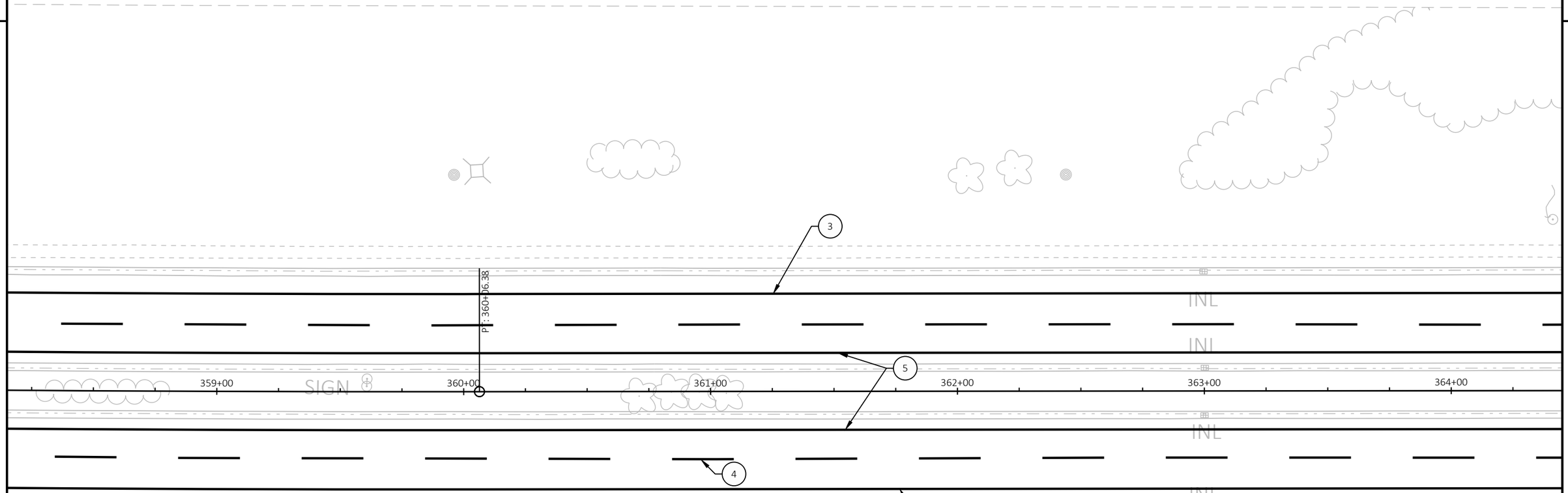


PAVEMENT MARKING LEGEND

1. MARKING CURB EPOXY (YELLOW)
2. MARKING ISLAND NOSE EPOXY (YELLOW)
3. MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE)
4. MARKING LINE GROOVED WET REF EPOXY 6-INCH W/ MARKING LINE GROOVED BLACK EPOXY 6-INCH (12.5' WHITE LINE W/ 12.5' BLACK LINE, 25' GAP)
5. MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW)
6. MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
7. MARKING LINE GROOVED WET REF EPOXY 10-INCH (2' LINE, 6' GAP, WHITE)
8. MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE)
9. MARKING LINE GROOVED WET REF EPOXY 10-INCH (3' LINE, 9' GAPS, WHITE)
10. MARKING STOP LINE EPOXY 18-INCH (WHITE)
11. MARKING WORD EPOXY (WHITE)
12. MARKING ARROW EPOXY (WHITE)
13. MARKING DIAGONAL EPOXY 12-INCH (WHITE)
14. MARKING RAILROAD CROSSING EPOXY (WHITE)
15. MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
16. MARKING CORRUGATED MEDIAN EPOXY(YELLOW)
17. MARKING LINE EPOXY 6-INCH (12.5' LINE, 37.5' GAP, YELLOW)
18. MARKING DOTTED EXTENSION 18-INCH EPOXY (2' LINE, 2' GAP, WHITE)
19. MARKING LINE EPOXY 6-INCH (WHITE)
20. MARKING LINE EPOXY 6-INCH (12.5' LINE WHITE, 12.5' LINE BLACK, 25' GAP)
21. MARKING LINE EPOXY 10-INCH (6' LINE, 3' GAP, WHITE)
22. MARKING LINE EPOXY 10-INCH (WHITE)
23. MARKING LINE EPOXY 10-INCH (3' LINE, 9' GAPS, WHITE)
24. MARKING LINE GROOVED WET REF EPOXY 6-INCH (3' LINE, 9' GAPS, WHITE)
25. MARKING LINE GROOVED WET REF EPOXY 4-INCH (WHITE)
26. MARKING LINE GROOVED WET REF EPOXY 4-INCH (YELLOW)
27. MARKING YIELD LINE EPOXY 18-INCH (WHITE)
28. MARKING LINE GROOVED WET REF EPOXY 8-INCH (WHITE)

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	PAVEMENT MARKING	SHEET 242	E

2

N

POST

INL

INL

INL

64+00 365+00 366+00 367+00 368+00 369+00 370+00

3

5

4

3

4'

12'

12'

8'

POST

PAVEMENT MARKING LEGEND

1. MARKING CURB EPOXY (YELLOW)
2. MARKING ISLAND NOSE EPOXY (YELLOW)
3. MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE)
4. MARKING LINE GROOVED WET REF EPOXY 6-INCH W/ MARKING LINE GROOVED BLACK EPOXY 6-INCH (12.5' WHITE LINE W/ 12.5' BLACK LINE, 25' GAP)
5. MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW)
6. MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
7. MARKING LINE GROOVED WET REF EPOXY 10-INCH (2' LINE, 6' GAP, WHITE)
8. MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE)
9. MARKING LINE GROOVED WET REF EPOXY 10-INCH (3' LINE, 9' GAPS, WHITE)
10. MARKING STOP LINE EPOXY 18-INCH (WHITE)
11. MARKING WORD EPOXY (WHITE)
12. MARKING ARROW EPOXY (WHITE)
13. MARKING DIAGONAL EPOXY 12-INCH (WHITE)
14. MARKING RAILROAD CROSSING EPOXY (WHITE)
15. MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
16. MARKING CORRUGATED MEDIAN EPOXY(YELLOW)
17. MARKING LINE EPOXY 6-INCH (12.5' LINE, 37.5' GAP, YELLOW)
18. MARKING DOTTED EXTENSION 18-INCH EPOXY (2' LINE, 2' GAP, WHITE)
19. MARKING LINE EPOXY 6-INCH (WHITE)
20. MARKING LINE EPOXY 6-INCH (12.5' LINE WHITE, 12.5' LINE BLACK, 25' GAP)
21. MARKING LINE EPOXY 10-INCH (6' LINE, 3' GAP, WHITE)
22. MARKING LINE EPOXY 10-INCH (WHITE)
23. MARKING LINE EPOXY 10-INCH (3' LINE, 9' GAPS, WHITE)
24. MARKING LINE GROOVED WET REF EPOXY 6-INCH (3' LINE, 9' GAPS, WHITE)
25. MARKING LINE GROOVED WET REF EPOXY 4-INCH (WHITE)
26. MARKING LINE GROOVED WET REF EPOXY 4-INCH (YELLOW)
27. MARKING YIELD LINE EPOXY 18-INCH (WHITE)
28. MARKING LINE GROOVED WET REF EPOXY 8-INCH (WHITE)

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	PAVEMENT MARKING	SHEET 243	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\024501A_PM.DWG
LAYOUT NAME - 31
PLOT DATE : 4/27/2026 11:59 AM
PLOT BY : SIPEK, KIRSTEN
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

2

N

POST

POST

INL INL

INL

INL INL

INL

STH 164/PEWAU

370+00 371+00 372+00 373+00 374+00 375+00 376+0

STA 375+25.15, -0.67' LT

STA 373+64.86, 15.59' RT

INL INL

INL

INL INL

INL

STH 164/PEWAUK

STA 374+75.72, 15.67' RT

3 4 5 8

PAVEMENT MARKING LEGEND

1. MARKING CURB EPOXY (YELLOW)
2. MARKING ISLAND NOSE EPOXY (YELLOW)
3. MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE)
4. MARKING LINE GROOVED WET REF EPOXY 6-INCH W/ MARKING LINE GROOVED BLACK EPOXY 6-INCH (12.5' WHITE LINE W/ 12.5' BLACK LINE, 25' GAP)
5. MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW)
6. MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
7. MARKING LINE GROOVED WET REF EPOXY 10-INCH (2' LINE, 6' GAP, WHITE)
8. MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE)
9. MARKING LINE GROOVED WET REF EPOXY 10-INCH (3' LINE, 9' GAPS, WHITE)
10. MARKING STOP LINE EPOXY 18-INCH (WHITE)
11. MARKING WORD EPOXY (WHITE)
12. MARKING ARROW EPOXY (WHITE)
13. MARKING DIAGONAL EPOXY 12-INCH (WHITE)
14. MARKING RAILROAD CROSSING EPOXY (WHITE)
15. MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
16. MARKING CORRUGATED MEDIAN EPOXY(YELLOW)
17. MARKING LINE EPOXY 6-INCH (12.5' LINE, 37.5' GAP, YELLOW)
18. MARKING DOTTED EXTENSION 18-INCH EPOXY (2' LINE, 2' GAP, WHITE)
19. MARKING LINE EPOXY 6-INCH (WHITE)
20. MARKING LINE EPOXY 6-INCH (12.5' LINE WHITE, 12.5' LINE BLACK, 25' GAP)
21. MARKING LINE EPOXY 10-INCH (6' LINE, 3' GAP, WHITE)
22. MARKING LINE EPOXY 10-INCH (WHITE)
23. MARKING LINE EPOXY 10-INCH (3' LINE, 9' GAPS, WHITE)
24. MARKING LINE GROOVED WET REF EPOXY 6-INCH (3' LINE, 9' GAPS, WHITE)
25. MARKING LINE GROOVED WET REF EPOXY 4-INCH (WHITE)
26. MARKING LINE GROOVED WET REF EPOXY 4-INCH (YELLOW)
27. MARKING YIELD LINE EPOXY 18-INCH (WHITE)
28. MARKING LINE GROOVED WET REF EPOXY 8-INCH (WHITE)

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	PAVEMENT MARKING	SHEET 244	E

2

N

POST

SIGN

STA 378+98.75, -3.38' LT

STA 380+14.68, -15.59' LT

PEWAUKEE RD

+25.15, -0.67' LT

376+00

377+00

378+00

380+00

381+00

SIGN

12'

4'

12'

12'

8

948

PEWAUKEE RD

SIGN

SIGN

SIGN

PAVEMENT MARKING LEGEND

1. MARKING CURB EPOXY (YELLOW)
2. MARKING ISLAND NOSE EPOXY (YELLOW)
3. MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE)
4. MARKING LINE GROOVED WET REF EPOXY 6-INCH W/ MARKING LINE GROOVED BLACK EPOXY 6-INCH (12.5' WHITE LINE W/ 12.5' BLACK LINE, 25' GAP)
5. MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW)
6. MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
7. MARKING LINE GROOVED WET REF EPOXY 10-INCH (2' LINE, 6' GAP, WHITE)
8. MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE)
9. MARKING LINE GROOVED WET REF EPOXY 10-INCH (3' LINE, 9' GAPS, WHITE)
10. MARKING STOP LINE EPOXY 18-INCH (WHITE)
11. MARKING WORD EPOXY (WHITE)
12. MARKING ARROW EPOXY (WHITE)
13. MARKING DIAGONAL EPOXY 12-INCH (WHITE)
14. MARKING RAILROAD CROSSING EPOXY (WHITE)
15. MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
16. MARKING CORRUGATED MEDIAN EPOXY(YELLOW)
17. MARKING LINE EPOXY 6-INCH (12.5' LINE, 37.5' GAP, YELLOW)
18. MARKING DOTTED EXTENSION 18-INCH EPOXY (2' LINE, 2' GAP, WHITE)
19. MARKING LINE EPOXY 6-INCH (WHITE)
20. MARKING LINE EPOXY 6-INCH (12.5' LINE WHITE, 12.5' LINE BLACK, 25' GAP)
21. MARKING LINE EPOXY 10-INCH (6' LINE, 3' GAP, WHITE)
22. MARKING LINE EPOXY 10-INCH (WHITE)
23. MARKING LINE EPOXY 10-INCH (3' LINE, 9' GAPS, WHITE)
24. MARKING LINE GROOVED WET REF EPOXY 6-INCH (3' LINE, 9' GAPS, WHITE)
25. MARKING LINE GROOVED WET REF EPOXY 4-INCH (WHITE)
26. MARKING LINE GROOVED WET REF EPOXY 4-INCH (YELLOW)
27. MARKING YIELD LINE EPOXY 18-INCH (WHITE)
28. MARKING LINE GROOVED WET REF EPOXY 8-INCH (WHITE)

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	PAVEMENT MARKING	SHEET 245	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\024501A_PM.DWG
LAYOUT NAME - 33

PLOT DATE : 4/27/2026 11:59 AM PLOT BY : SIPEK, KIRSTEN PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

2

N

4

3

POST

POST

INL

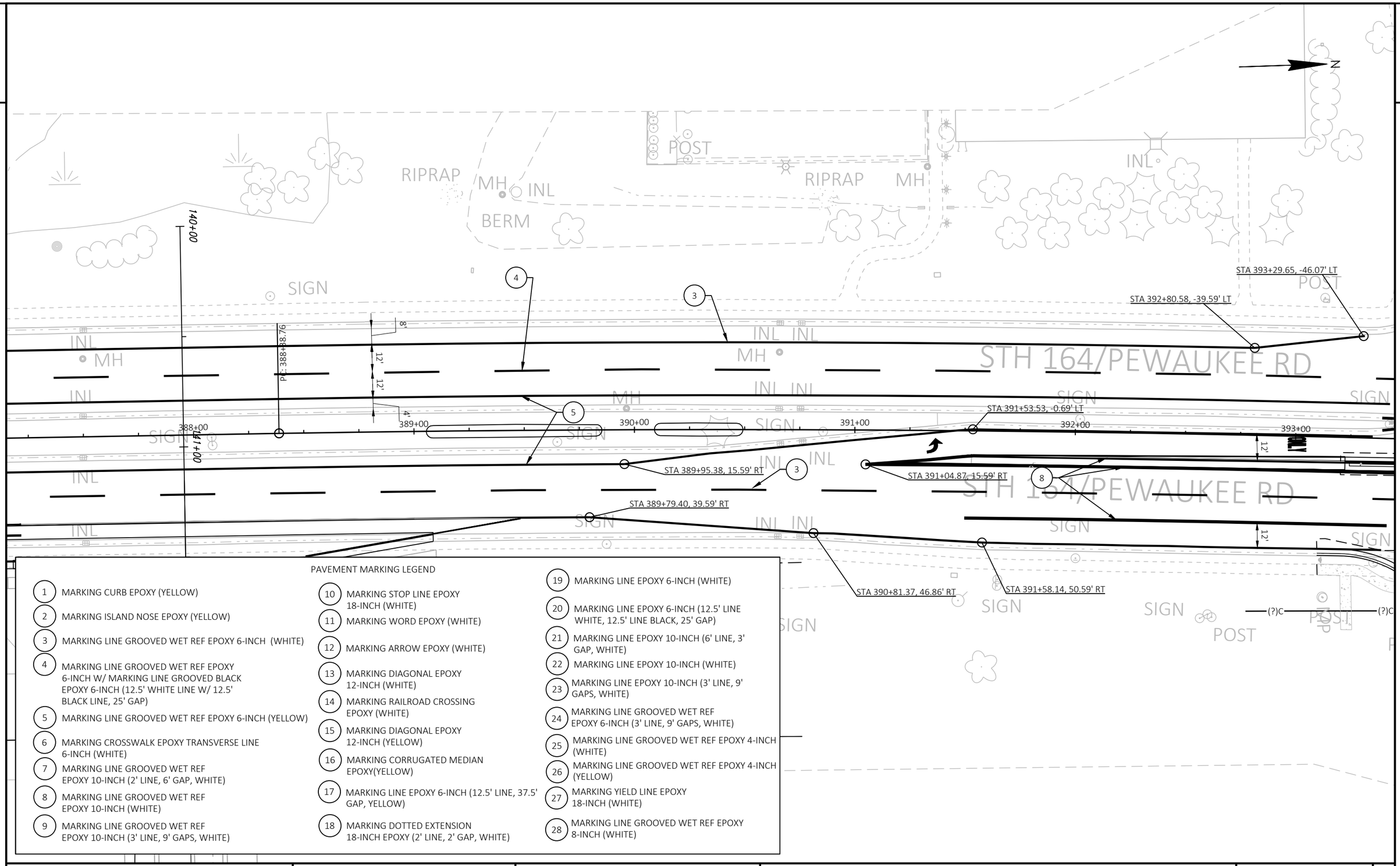
MH

INL

INL

INL

2



PAVEMENT MARKING LEGEND

1. MARKING CURB EPOXY (YELLOW)
2. MARKING ISLAND NOSE EPOXY (YELLOW)
3. MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE)
4. MARKING LINE GROOVED WET REF EPOXY 6-INCH W/ MARKING LINE GROOVED BLACK EPOXY 6-INCH (12.5' WHITE LINE W/ 12.5' BLACK LINE, 25' GAP)
5. MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW)
6. MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
7. MARKING LINE GROOVED WET REF EPOXY 10-INCH (2' LINE, 6' GAP, WHITE)
8. MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE)
9. MARKING LINE GROOVED WET REF EPOXY 10-INCH (3' LINE, 9' GAPS, WHITE)
10. MARKING STOP LINE EPOXY 18-INCH (WHITE)
11. MARKING WORD EPOXY (WHITE)
12. MARKING ARROW EPOXY (WHITE)
13. MARKING DIAGONAL EPOXY 12-INCH (WHITE)
14. MARKING RAILROAD CROSSING EPOXY (WHITE)
15. MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
16. MARKING CORRUGATED MEDIAN EPOXY(YELLOW)
17. MARKING LINE EPOXY 6-INCH (12.5' LINE, 37.5' GAP, YELLOW)
18. MARKING DOTTED EXTENSION 18-INCH EPOXY (2' LINE, 2' GAP, WHITE)
19. MARKING LINE EPOXY 6-INCH (WHITE)
20. MARKING LINE EPOXY 6-INCH (12.5' LINE WHITE, 12.5' LINE BLACK, 25' GAP)
21. MARKING LINE EPOXY 10-INCH (6' LINE, 3' GAP, WHITE)
22. MARKING LINE EPOXY 10-INCH (WHITE)
23. MARKING LINE EPOXY 10-INCH (3' LINE, 9' GAPS, WHITE)
24. MARKING LINE GROOVED WET REF EPOXY 6-INCH (3' LINE, 9' GAPS, WHITE)
25. MARKING LINE GROOVED WET REF EPOXY 4-INCH (WHITE)
26. MARKING LINE GROOVED WET REF EPOXY 4-INCH (YELLOW)
27. MARKING YIELD LINE EPOXY 18-INCH (WHITE)
28. MARKING LINE GROOVED WET REF EPOXY 8-INCH (WHITE)

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	PAVEMENT MARKING	SHEET 247	E

2

N

PROSPECT CIRCLE LIMIT
STA 9'H'+08.44

DOUBLE

STA 393+94.13, -68.19' LT
TYPE 2

PI: 393+95.04

STA 396+78.24, -14.70' LT

STA 396+42.21, 0.70' RT

STA 397+99.93, -14.97' LT

STA 398+81.49, 15.59' RT

STA 398+05.34, 39.59' RT

STA 395+02.29, 39.59' RT

STA 394+61.55, 46.57' RT

STA 394+19.70, 75.10' RT

BUSINESS FRONTAGE ROAD LIMIT
STA 10'H'+95.58

WORK TO BE DONE BY OTHERS

WORK TO BE DONE BY OTHERS

BUSINESS FRONTAGE ROAD

PAVEMENT MARKING LEGEND

1. MARKING CURB EPOXY (YELLOW)
2. MARKING ISLAND NOSE EPOXY (YELLOW)
3. MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE)
4. MARKING LINE GROOVED WET REF EPOXY 6-INCH W/ MARKING LINE GROOVED BLACK EPOXY 6-INCH (12.5' WHITE LINE W/ 12.5' BLACK LINE, 25' GAP)
5. MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW)
6. MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
7. MARKING LINE GROOVED WET REF EPOXY 10-INCH (2' LINE, 6' GAP, WHITE)
8. MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE)
9. MARKING LINE GROOVED WET REF EPOXY 10-INCH (3' LINE, 9' GAPS, WHITE)
10. MARKING STOP LINE EPOXY 18-INCH (WHITE)
11. MARKING WORD EPOXY (WHITE)
12. MARKING ARROW EPOXY (WHITE)
13. MARKING DIAGONAL EPOXY 12-INCH (WHITE)
14. MARKING RAILROAD CROSSING EPOXY (WHITE)
15. MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
16. MARKING CORRUGATED MEDIAN EPOXY(YELLOW)
17. MARKING LINE EPOXY 6-INCH (12.5' LINE, 37.5' GAP, YELLOW)
18. MARKING DOTTED EXTENSION 18-INCH EPOXY (2' LINE, 2' GAP, WHITE)
19. MARKING LINE EPOXY 6-INCH (WHITE)
20. MARKING LINE EPOXY 6-INCH (12.5' LINE WHITE, 12.5' LINE BLACK, 25' GAP)
21. MARKING LINE EPOXY 10-INCH (6' LINE, 3' GAP, WHITE)
22. MARKING LINE EPOXY 10-INCH (WHITE)
23. MARKING LINE EPOXY 10-INCH (3' LINE, 9' GAPS, WHITE)
24. MARKING LINE GROOVED WET REF EPOXY 6-INCH (3' LINE, 9' GAPS, WHITE)
25. MARKING LINE GROOVED WET REF EPOXY 4-INCH (WHITE)
26. MARKING LINE GROOVED WET REF EPOXY 4-INCH (YELLOW)
27. MARKING YIELD LINE EPOXY 18-INCH (WHITE)
28. MARKING LINE GROOVED WET REF EPOXY 8-INCH (WHITE)

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	PAVEMENT MARKING	SHEET 248	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\024501A_PM.DWG
LAYOUT NAME - 36
PLOT DATE : 4/27/2026 12:00 PM
PLOT BY : SIPEK, KIRSTEN
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

PAVEMENT MARKING LEGEND

1. MARKING CURB EPOXY (YELLOW)
2. MARKING ISLAND NOSE EPOXY (YELLOW)
3. MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE)
4. MARKING LINE GROOVED WET REF EPOXY 6-INCH W/ MARKING LINE GROOVED BLACK EPOXY 6-INCH (12.5' WHITE LINE W/ 12.5' BLACK LINE, 25' GAP)
5. MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW)
6. MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
7. MARKING LINE GROOVED WET REF EPOXY 10-INCH (2' LINE, 6' GAP, WHITE)
8. MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE)
9. MARKING LINE GROOVED WET REF EPOXY 10-INCH (3' LINE, 9' GAPS, WHITE)
10. MARKING STOP LINE EPOXY 18-INCH (WHITE)
11. MARKING WORD EPOXY (WHITE)
12. MARKING ARROW EPOXY (WHITE)
13. MARKING DIAGONAL EPOXY 12-INCH (WHITE)
14. MARKING RAILROAD CROSSING EPOXY (WHITE)
15. MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
16. MARKING CORRUGATED MEDIAN EPOXY(YELLOW)
17. MARKING LINE EPOXY 6-INCH (12.5' LINE, 37.5' GAP, YELLOW)
18. MARKING DOTTED EXTENSION 18-INCH EPOXY (2' LINE, 2' GAP, WHITE)
19. MARKING LINE EPOXY 6-INCH (WHITE)
20. MARKING LINE EPOXY 6-INCH (12.5' LINE WHITE, 12.5' LINE BLACK, 25' GAP)
21. MARKING LINE EPOXY 10-INCH (6' LINE, 3' GAP, WHITE)
22. MARKING LINE EPOXY 10-INCH (WHITE)
23. MARKING LINE EPOXY 10-INCH (3' LINE, 9' GAPS, WHITE)
24. MARKING LINE GROOVED WET REF EPOXY 6-INCH (3' LINE, 9' GAPS, WHITE)
25. MARKING LINE GROOVED WET REF EPOXY 4-INCH (WHITE)
26. MARKING LINE GROOVED WET REF EPOXY 4-INCH (YELLOW)
27. MARKING YIELD LINE EPOXY 18-INCH (WHITE)
28. MARKING LINE GROOVED WET REF EPOXY 8-INCH (WHITE)

STH 164

STA 399+51.42
STA 400+85.18, -50.51' LT
STA 400+26.15, -0.66' LT
STA 399+79.97, 15.59' RT
STA 399+90.37, 50.63' RT
STA 401+00.77, 51.64' RT
STA 401+97.74, 39.59' RT
STA 402+35.52, -38.97' LT
STA 402+48.18, 11.11' RT
STA 402+47.04, 45.73' RT
STA 402+61.51, -38.97' LT
STA 403+18.15, -48.01' LT
STA 403+86.39, -110.73' LT
STA 403+45.63, 119.33' RT
STA 404+68.03, 47.05' RT
PI: 403+63.95
PI: 110+00.00
CTH VV WEST LIMIT
STA 108'VV'+87.14
CTH VV EAST LIMIT
STA 111'VV'+15.29
CONTRAST
TYPE 2
12'
4'
399+00
400+00
401+00
402+00
403+00
404+00

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	PAVEMENT MARKING	SHEET 249 E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\024501A_PM.DWG
LAYOUT NAME - 37
PLOT DATE : 4/27/2026 12:00 PM
PLOT BY : SIPEK, KIRSTEN
PLOT NAME :
PLOT SCALE : 1 IN:40 FT

2

PAVEMENT MARKING LEGEND

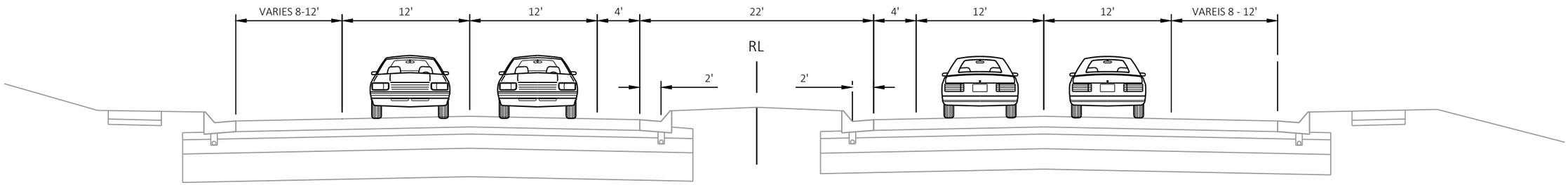
1. MARKING CURB EPOXY (YELLOW)
2. MARKING ISLAND NOSE EPOXY (YELLOW)
3. MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE)
4. MARKING LINE GROOVED WET REF EPOXY 6-INCH W/ MARKING LINE GROOVED BLACK EPOXY 6-INCH (12.5' WHITE LINE W/ 12.5' BLACK LINE, 25' GAP)
5. MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW)
6. MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
7. MARKING LINE GROOVED WET REF EPOXY 10-INCH (2' LINE, 6' GAP, WHITE)
8. MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE)
9. MARKING LINE GROOVED WET REF EPOXY 10-INCH (3' LINE, 9' GAPS, WHITE)
10. MARKING STOP LINE EPOXY 18-INCH (WHITE)
11. MARKING WORD EPOXY (WHITE)
12. MARKING ARROW EPOXY (WHITE)
13. MARKING DIAGONAL EPOXY 12-INCH (WHITE)
14. MARKING RAILROAD CROSSING EPOXY (WHITE)
15. MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
16. MARKING CORRUGATED MEDIAN EPOXY(YELLOW)
17. MARKING LINE EPOXY 6-INCH (12.5' LINE, 37.5' GAP, YELLOW)
18. MARKING DOTTED EXTENSION 18-INCH EPOXY (2' LINE, 2' GAP, WHITE)
19. MARKING LINE EPOXY 6-INCH (WHITE)
20. MARKING LINE EPOXY 6-INCH (12.5' LINE WHITE, 12.5' LINE BLACK, 25' GAP)
21. MARKING LINE EPOXY 10-INCH (6' LINE, 3' GAP, WHITE)
22. MARKING LINE EPOXY 10-INCH (WHITE)
23. MARKING LINE EPOXY 10-INCH (3' LINE, 9' GAPS, WHITE)
24. MARKING LINE GROOVED WET REF EPOXY 6-INCH (3' LINE, 9' GAPS, WHITE)
25. MARKING LINE GROOVED WET REF EPOXY 4-INCH (WHITE)
26. MARKING LINE GROOVED WET REF EPOXY 4-INCH (YELLOW)
27. MARKING YIELD LINE EPOXY 18-INCH (WHITE)
28. MARKING LINE GROOVED WET REF EPOXY 8-INCH (WHITE)

STA 404+72.86, -46.33' LT
STA 405+39.02, -39.59' LT
STA 406+71.43, -50.73' LT
STA 409+14.03, -39.59' LT
END PROJECT 408+00
STA 408+26.91, -14.83' LT
STA 409+44.45, -15.59' LT
STA 407+84.14, 0.93' RT
STA 409+06.36, -0.75' LT
STA 407+39.87, 15.59' RT
STA 408+57.42, 15.66' RT
STA 408+54.32, 39.60' RT
STA 404+90.81, 46.86' RT
STA 406+05.41, 50.78' RT
EAST LIMIT
STA 407+12.40, 65' RIGHT

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	PAVEMENT MARKING	SHEET 250	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\024501A_PM.DWG
LAYOUT NAME - 38
PLOT DATE : 4/27/2026 12:00 PM
PLOT BY : SIPEK, KIRSTEN
PLOT NAME :
PLOT SCALE : 1 IN:40 FT

2



TRAFFIC CONTROL - EXISTING CONDITIONS

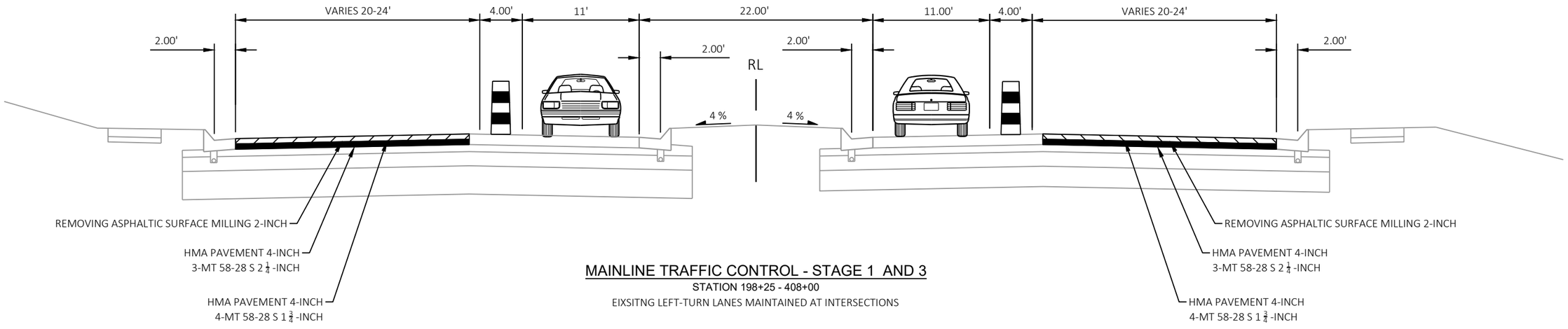
STA 198+25 - 408+00

STAGE 1
MILL ASPHALTIC SURFACE 2-INCH FROM OUTSIDE FLANGE TO CROWN

STAGE 2
MILL ASPHALTIC SURFACE 4-INCH FROM INSIDE FLANGE TO CROWN
PAVE HMA PAVEMENT BINDER LAYER FROM INSIDE FLANGE TO CROWN
LEFT-TURN TRAFFIC WILL NEED TO BE TEMPORARILY SHIFTED INTO THE WORK ZONE AT SOME LOCATIONS

STAGE 3
MILL ASPHALTIC SURFACE 2-INCH FROM OUTSIDE FLANGE TO CROWN
PAVE HMA PAVEMENT BINDER LAYER FROM OUTSIDE FLANGE TO CROWN
PAVE HMA TOP LAYER FROM OUTSIDE FLANGE TO CROWN

STAGE 4
PAVE HMA TOP LAYER FROM INSIDE FLANGE TO CROWN

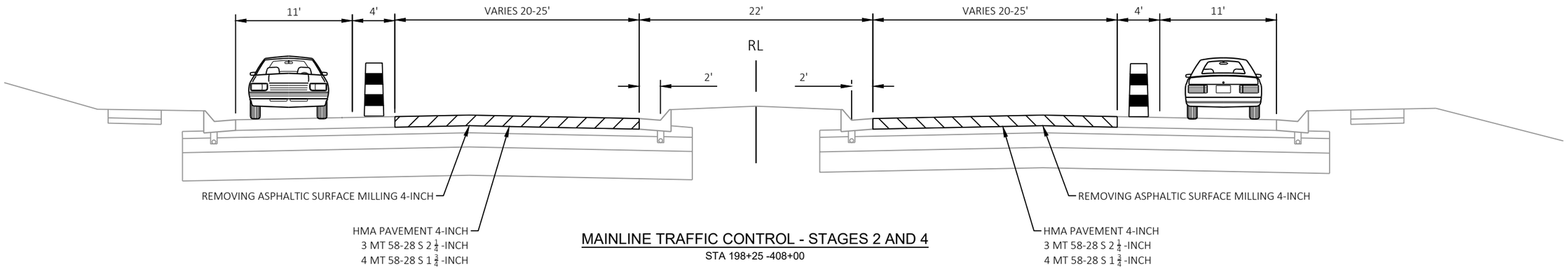


MAINLINE TRAFFIC CONTROL - STAGE 1 AND 3

STATION 198+25 - 408+00

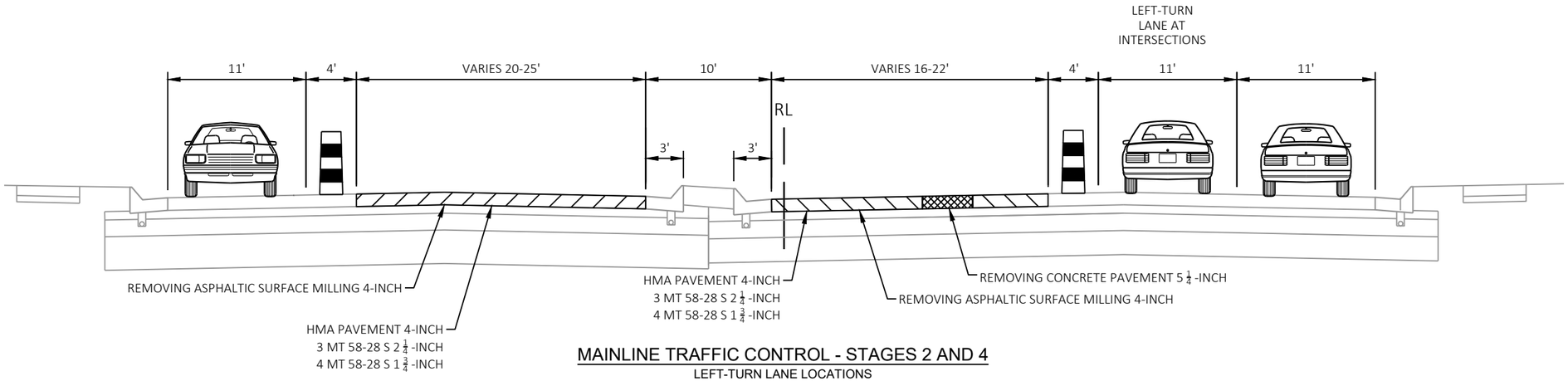
EIXSITNG LEFT-TURN LANES MAINTAINED AT INTERSECTIONS

2



MAINLINE TRAFFIC CONTROL - STAGES 2 AND 4

STA 198+25 -408+00



MAINLINE TRAFFIC CONTROL - STAGES 2 AND 4

LEFT-TURN LANE LOCATIONS

LEFT-TURN LANES WILL TEMPORARILY NEED TO BE MOVED INTO THE WORK ZONE TO ACCOMMODATE WORK AT THE CROWN

MIRRORED IMAGE FOR SOUTHBOUND LEFT-TURN LANES

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA AND WASHINGTON	TYPICAL SECTIONS	SHEET 252	E

2

2

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

N

164

153+00 154+00 155+00 156+00 157+00 158+00

500' 500'

ROAD WORK AHEAD W20-1A

RIGHT LANE CLOSED AHEAD W20-5A

W04-2R

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL-PHASE 1-STAGE 1	SHEET 253	E

2

2

N

ROUGH HILL RD

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
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6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

164

159+00 160+00 161+00 162+00 163+00 164+00

50' TYP.

15

4

200' TYP.

ROAD WORK AHEAD
W20-1A

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL-PHASE 1-STAGE 1	SHEET 254	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P1-S1.DWG
LAYOUT NAME - 05

PLOT DATE : 4/24/2026 3:37 PM PLOT BY : SIPEK, KIRSTEN PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

N

164

165+00 166+00 167+00 168+00 169+00 170+00

100' TYP.

4

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

2

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL-PHASE 1-STAGE 1	SHEET 255	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P1-S1.DWG
LAYOUT NAME - 06

PLOT DATE : 4/24/2026 3:37 PM PLOT BY : SIPEK, KIRSTEN PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

N

164

171+00 172+00 173+00 174+00 175+00 176+00

BEGIN RIGHT TURN LANE
R3-20R
24"X36"

25' TYP.

3' LINE
9' GAPS

6 4 6

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL-PHASE 1-STAGE 1	SHEET 256	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P1-S1.DWG
LAYOUT NAME - 07

PLOT DATE : 4/24/2026 3:37 PM PLOT BY : SIPEK, KIRSTEN PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

2

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

END ROAD WORK
G20-2A
48"X24"

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

N

82
83
84
85

177+00
178+00
179+00
180+00
181+00
182+00
183+

164

190

25' TYP.

100' TYP.

500' TYP.

15' TYP.

6

4

4

END ROAD WORK
G20-2A
48"X24"

ROAD WORK AHEAD
W20-1A

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
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3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

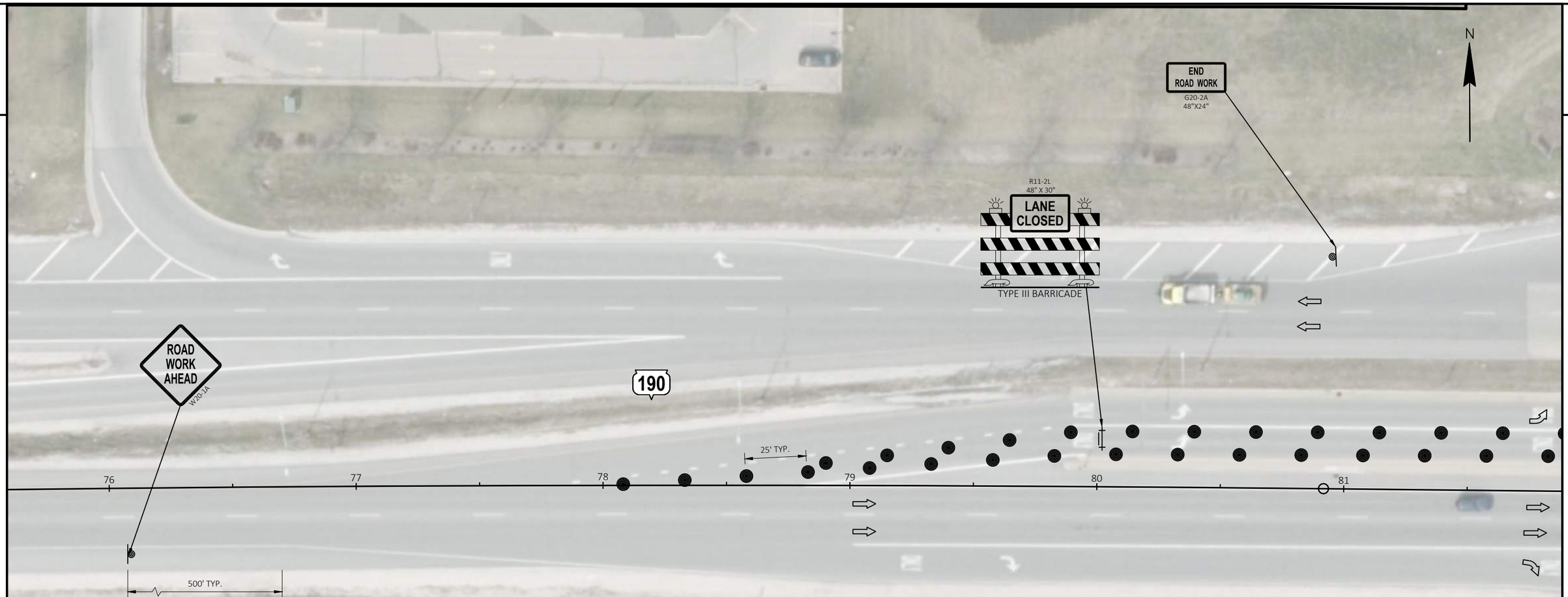
PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL-PHASE 1-STAGE 1	SHEET 257	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P1-S1.DWG
LAYOUT NAME - 08

PLOT DATE : 4/24/2026 3:38 PM PLOT BY : SIPEK, KIRSTEN PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2



LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
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3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
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6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
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14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL-PHASE 1-STAGE 1	SHEET 258	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P1-S1.DWG
LAYOUT NAME - CAPITOL DRIVE
PLOT DATE : 4/24/2026 3:38 PM
PLOT BY : SIPEK, KIRSTEN
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
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11. TEMPORARY MARKING WORD PAINT (WHITE)
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13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
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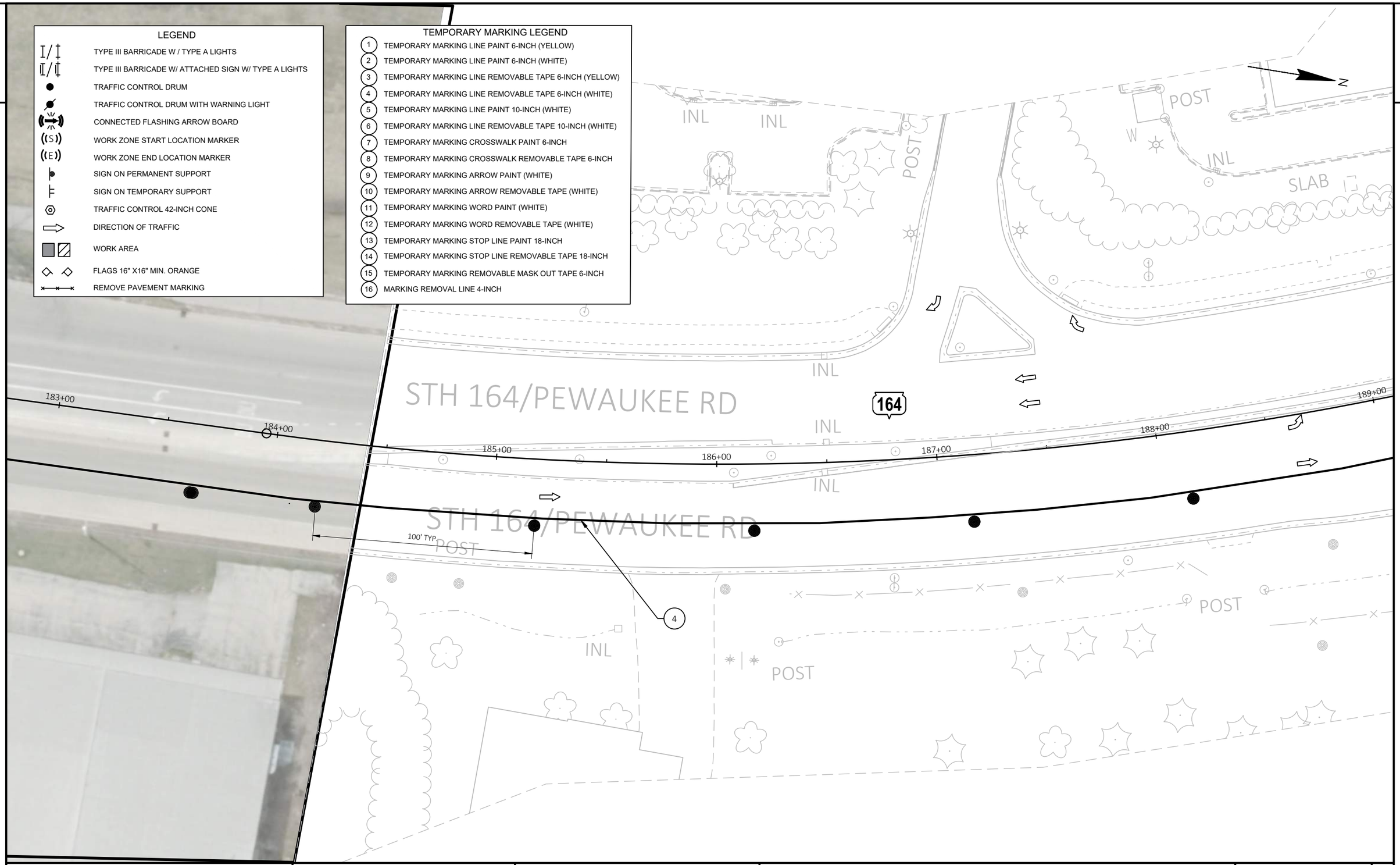
16. MARKING REMOVAL LINE 4-INCH



2

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL-PHASE 1-STAGE 1	SHEET 259 E

2

2

ROAD WORK AHEAD
W20-1A

END ROAD WORK
G20-2A
48"X24"

350' TYP.

25' TYP.

15' TYP.

100' TYP.

MEADOW CREEK MARKET

SWAN RD

FLAG

SLAB

INL

POST

RIPRAP

189+00

190+00

191+00

192+00

193+00

194+00

195+00

164

STH 164/PEWAUK

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

4

3

LEGEND

	TYPE III BARRICADE W / TYPE A LIGHTS
	TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
	TRAFFIC CONTROL DRUM
	TRAFFIC CONTROL DRUM WITH WARNING LIGHT
	CONNECTED FLASHING ARROW BOARD
(S)	WORK ZONE START LOCATION MARKER
(E)	WORK ZONE END LOCATION MARKER
	SIGN ON PERMANENT SUPPORT
	SIGN ON TEMPORARY SUPPORT
	TRAFFIC CONTROL 42-INCH CONE
	DIRECTION OF TRAFFIC
	WORK AREA
	FLAGS 16" X16" MIN. ORANGE
	REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1	TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2	TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3	TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4	TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5	TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6	TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7	TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8	TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9	TEMPORARY MARKING ARROW PAINT (WHITE)
10	TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11	TEMPORARY MARKING WORD PAINT (WHITE)
12	TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13	TEMPORARY MARKING STOP LINE PAINT 18-INCH
14	TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15	TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16	MARKING REMOVAL LINE 4-INCH

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL-PHASE 1-STAGE 1	SHEET 260 E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P1-S1.DWG
LAYOUT NAME - 10

PLOT DATE : 4/24/2026 3:38 PM PLOT BY : SIPEK, KIRSTEN PLOT NAME : PLOT SCALE : 1 IN:40 FT

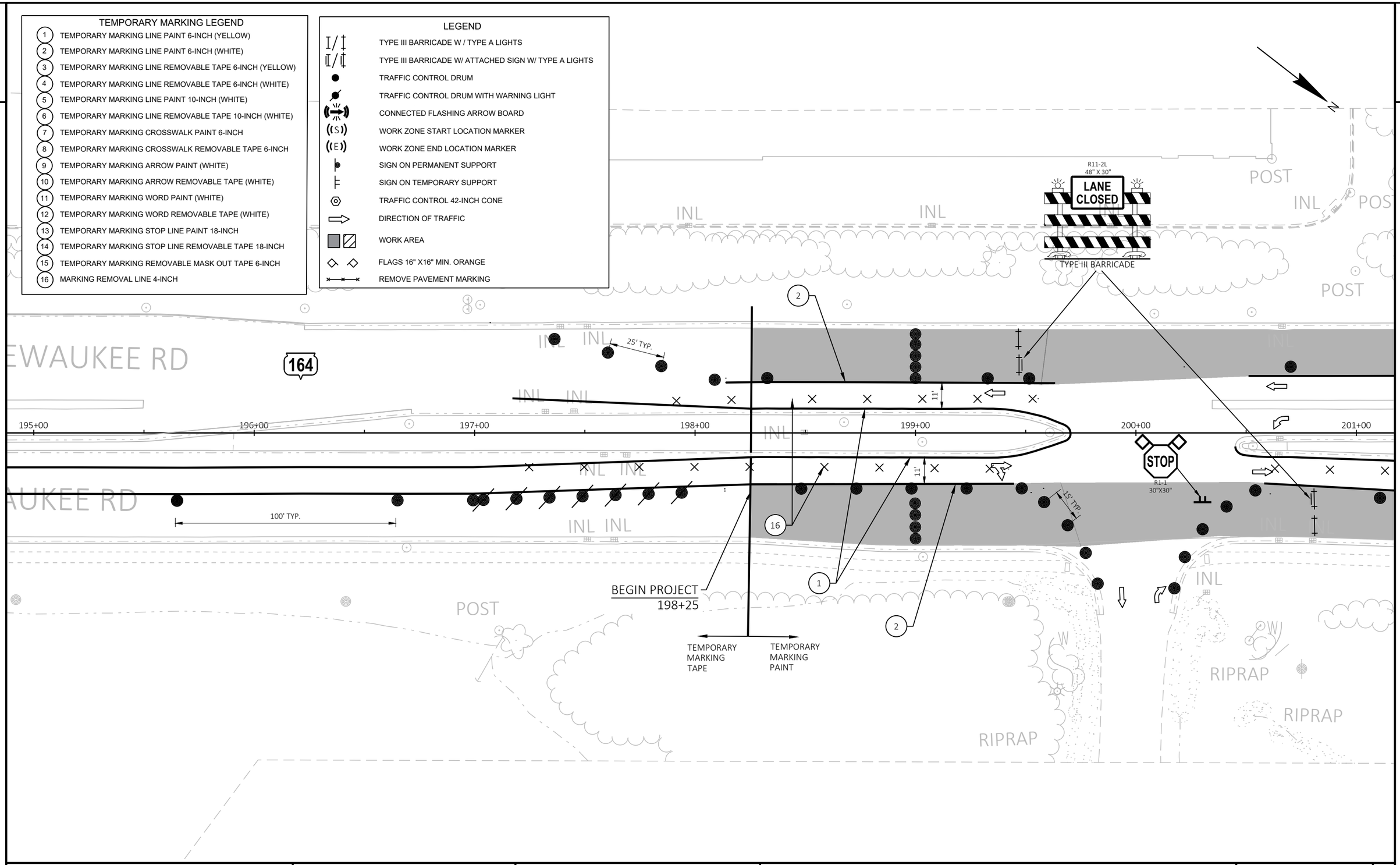
WISDOT/CADDS SHEET 42

TEMPORARY MARKING LEGEND

1	TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2	TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3	TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4	TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5	TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6	TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7	TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8	TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9	TEMPORARY MARKING ARROW PAINT (WHITE)
10	TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11	TEMPORARY MARKING WORD PAINT (WHITE)
12	TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13	TEMPORARY MARKING STOP LINE PAINT 18-INCH
14	TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15	TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16	MARKING REMOVAL LINE 4-INCH

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING



PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL-PHASE 1-STAGE 1	SHEET 261	E

2

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
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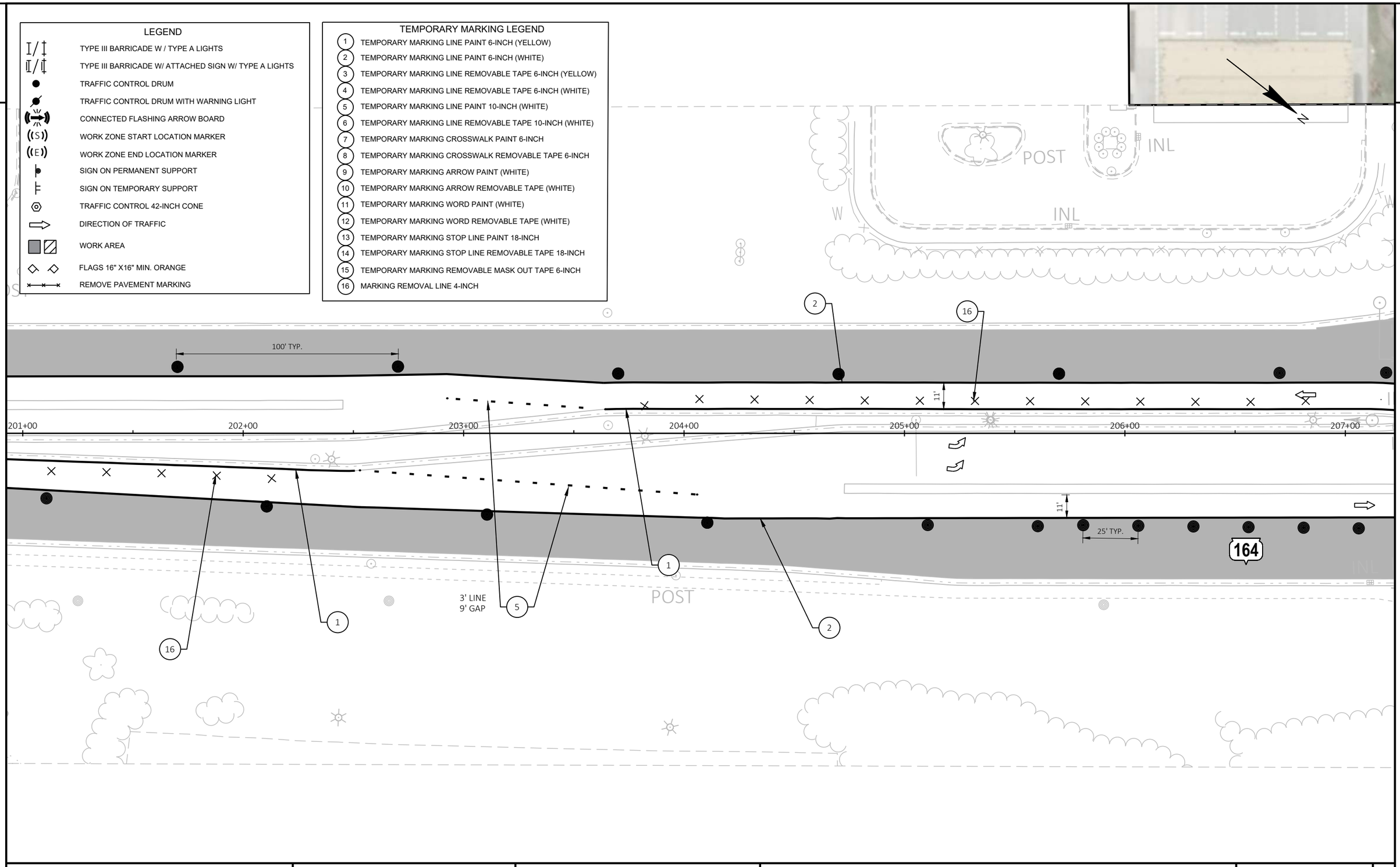
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

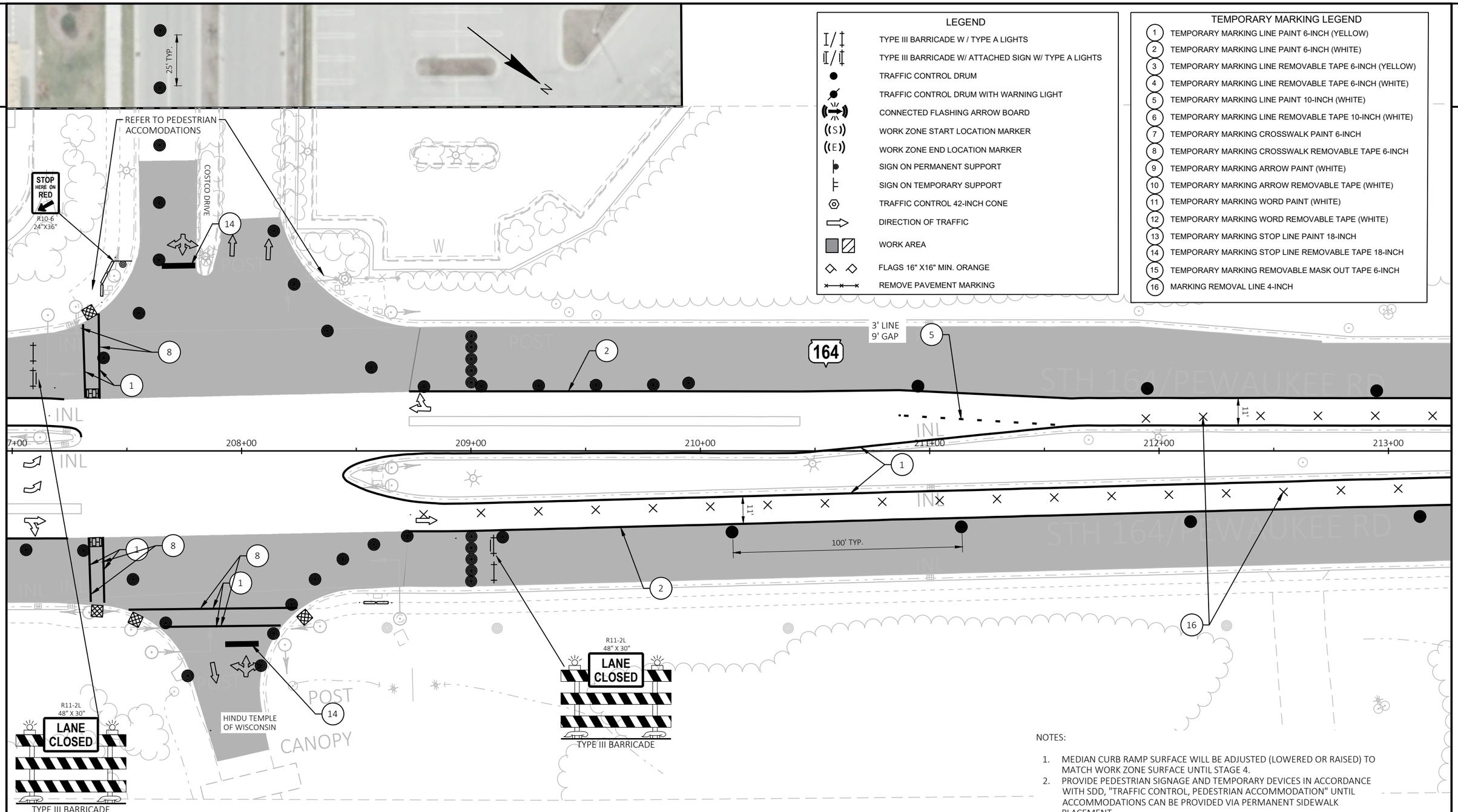


PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL-PHASE 1-STAGE 1	SHEET 262	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P1-S1.DWG
LAYOUT NAME - 12

PLOT DATE : 4/24/2026 3:39 PM PLOT BY : SIPEK, KIRSTEN PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42



LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

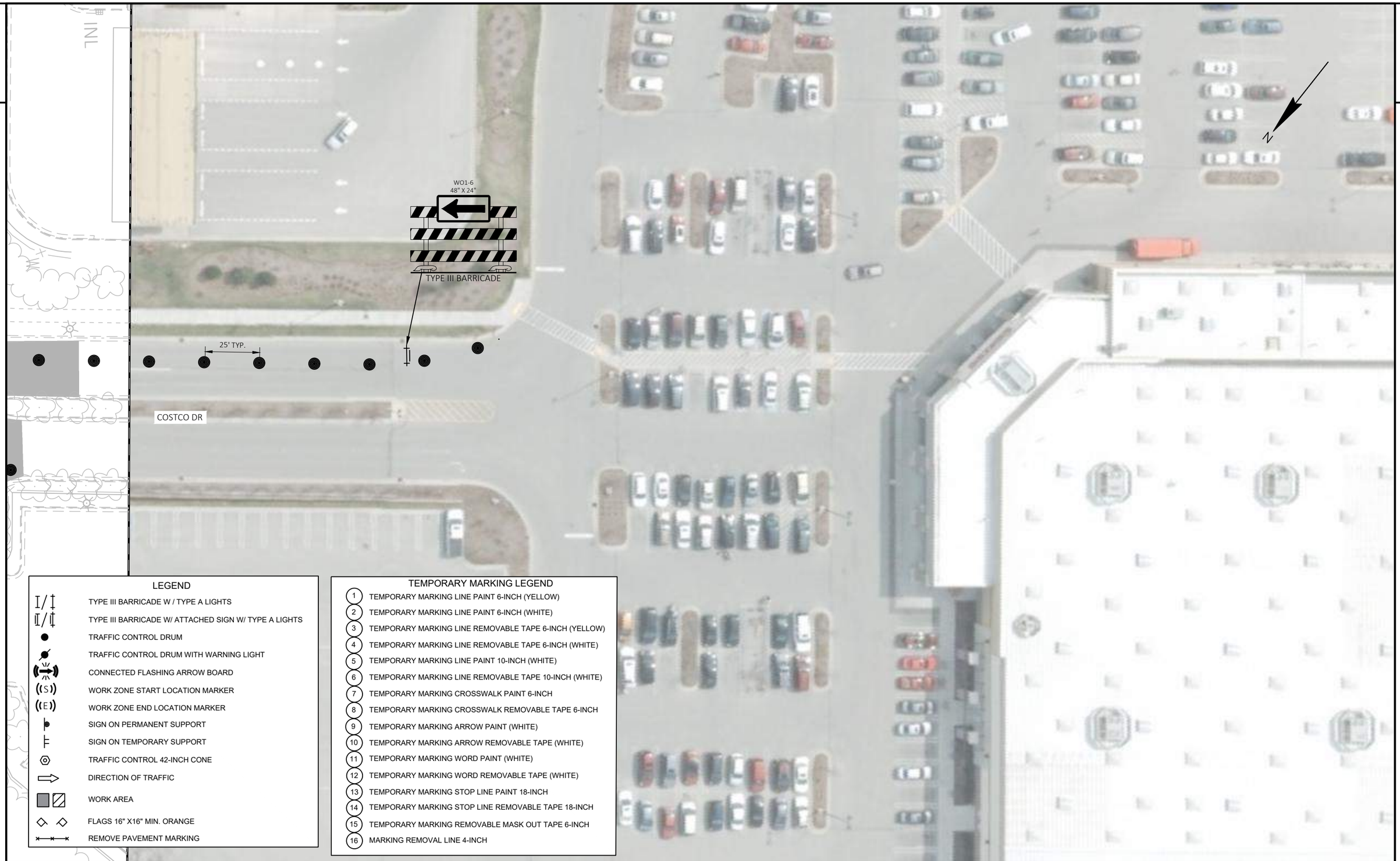
1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

NOTES:

1. MEDIAN CURB RAMP SURFACE WILL BE ADJUSTED (LOWERED OR RAISED) TO MATCH WORK ZONE SURFACE UNTIL STAGE 4.
2. PROVIDE PEDESTRIAN SIGNAGE AND TEMPORARY DEVICES IN ACCORDANCE WITH SDD, "TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION" UNTIL ACCOMMODATIONS CAN BE PROVIDED VIA PERMANENT SIDEWALK PLACEMENT.
3. TEMPORARY PEDESTRIAN ACCOMMODATIONS SHALL BE IN PLACE PRIOR TO NEW CURB RAMP AND SIGNAL WORK BEGINNING.
4. REFER TO TRAFFIC CONTROL STAGING PLAN STAGE 1 FOR OTHER TRAFFIC CONTROL DETAILS

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL-PHASE 1-STAGE 1	SHEET 263	E

2



LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- (S) WORK ZONE START LOCATION MARKER
- (E) WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
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7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL-PHASE 1-STAGE 1-COSTCO DR	SHEET 264	E

2

2

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
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6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
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9. TEMPORARY MARKING ARROW PAINT (WHITE)
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11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

N

POST

INL

GRATE

164

2

1

16

214+00

215+00

216+00

217+00

218+00

219+00

11'

11'

100' TYP.

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL-PHASE 1-STAGE 1	SHEET 265	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P1-S1.DWG
LAYOUT NAME - 14

PLOT DATE : 4/24/2026 3:39 PM PLOT BY : SIPEK, KIRSTEN PLOT NAME : PLOT SCALE : 1 IN:40 FT

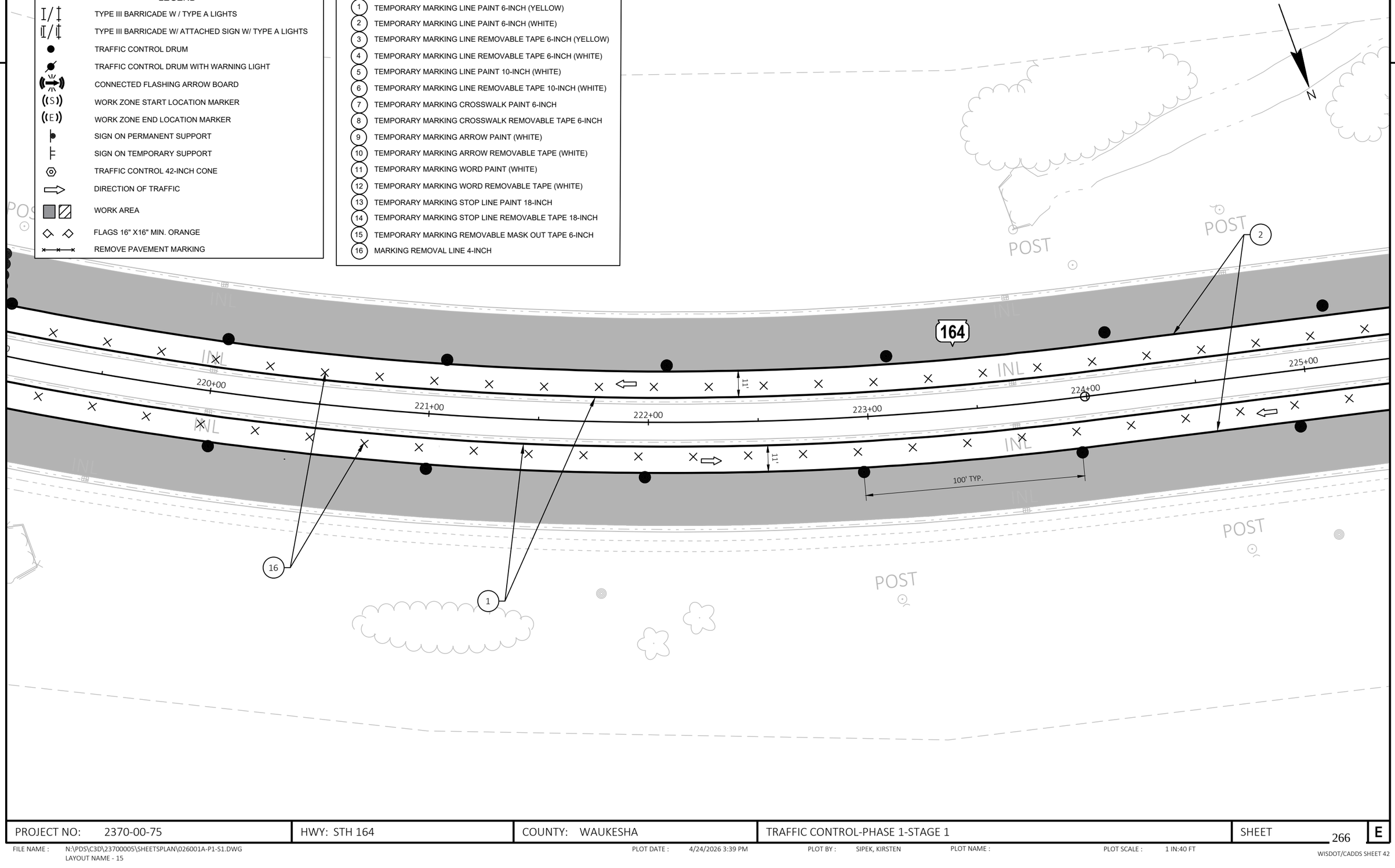
WISDOT/CADDS SHEET 42

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH



PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL-PHASE 1-STAGE 1	SHEET 266	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P1-S1.DWG
LAYOUT NAME - 15

PLOT DATE : 4/24/2026 3:39 PM PLOT BY : SIPEK, KIRSTEN PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
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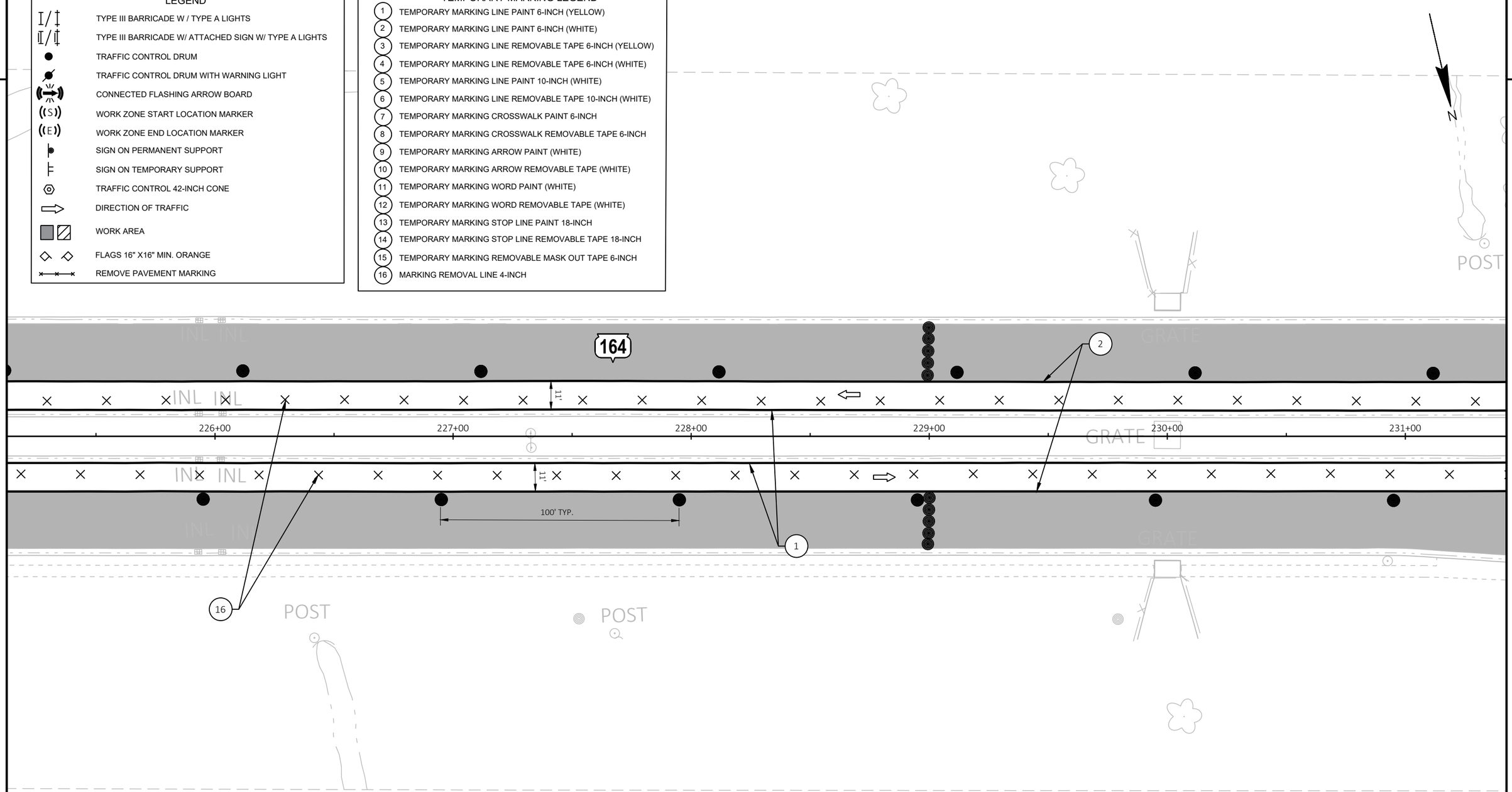
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH



PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL-PHASE 1-STAGE 1	SHEET 267	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P1-S1.DWG
LAYOUT NAME - 16

PLOT DATE : 4/24/2026 3:40 PM PLOT BY : SIPEK, KIRSTEN PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- (S) WORK ZONE START LOCATION MARKER
- (E) WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

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4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
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6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
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10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
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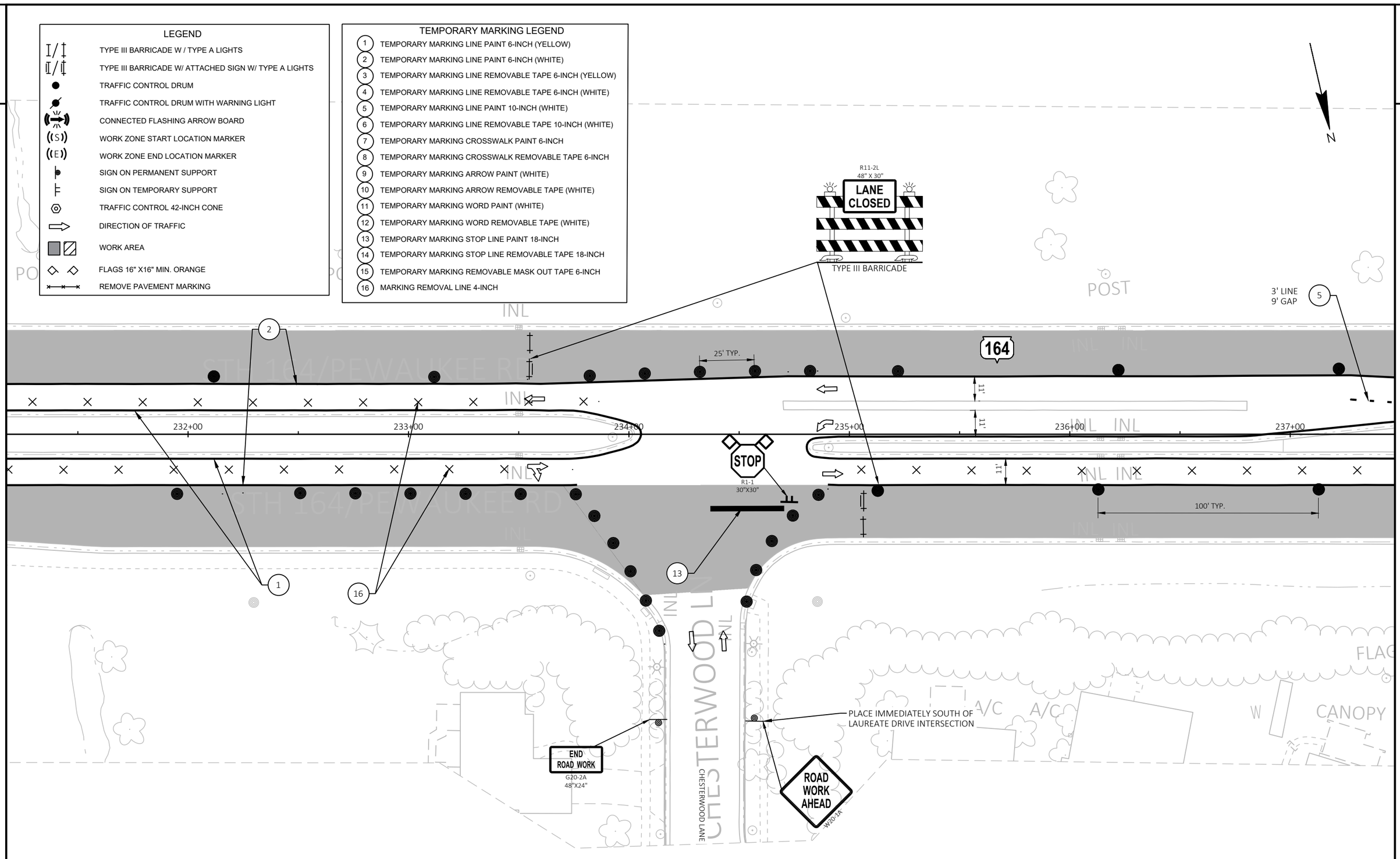


PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL-PHASE 1-STAGE 1	SHEET 268	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P1-S1.DWG
LAYOUT NAME - 17

PLOT DATE : 4/24/2026 3:40 PM PLOT BY : SIPEK, KIRSTEN PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

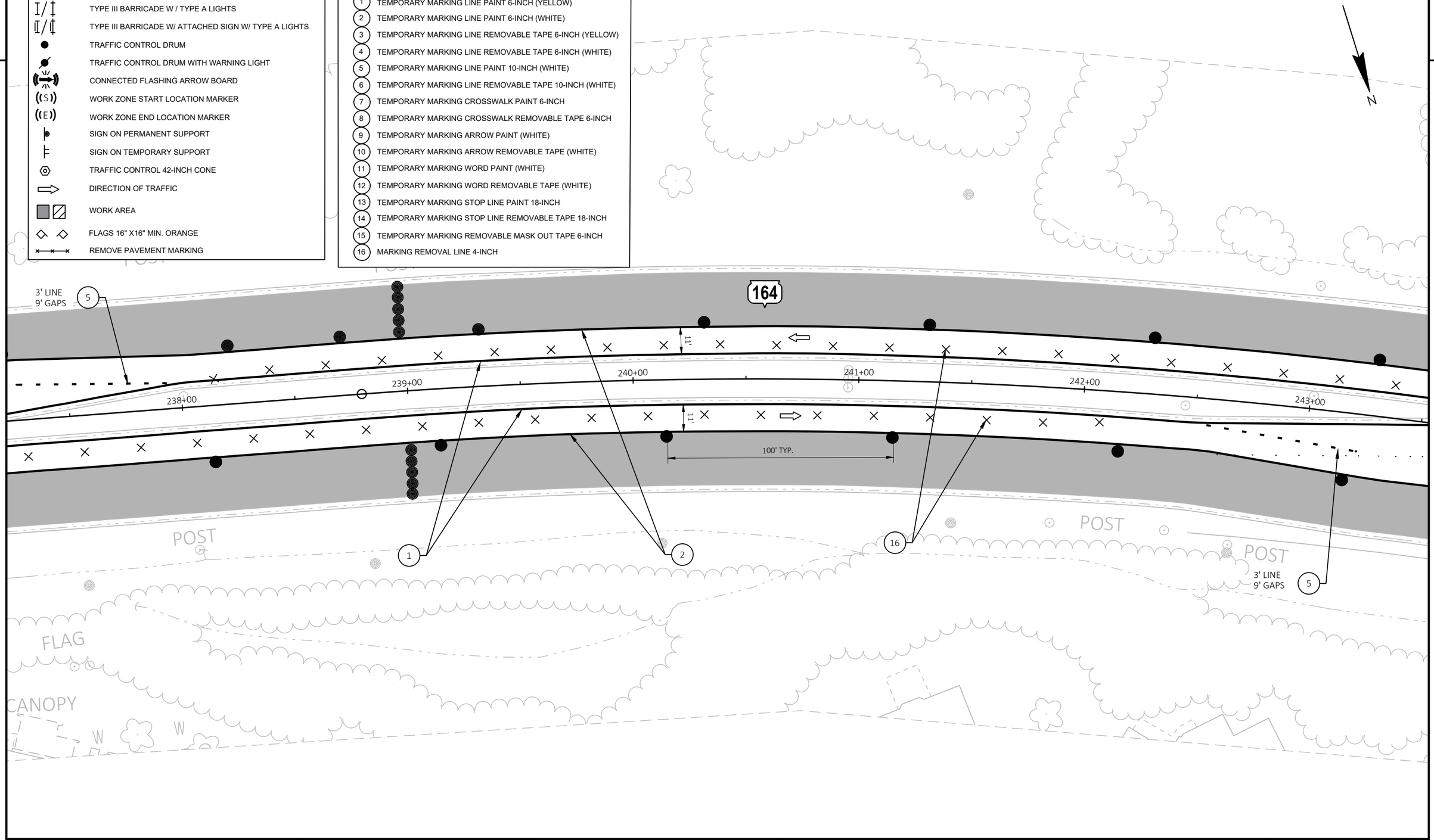
2

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH



PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL-PHASE 1-STAGE 1	SHEET 269	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P1-S1.DWG
LAYOUT NAME - 18

PLOT DATE : 4/24/2026 3:40 PM PLOT BY : SIPEK, KIRSTEN PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
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4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
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11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

ROAD WORK AHEAD
W20-1A

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

END ROAD WORK
G20-2A
48"X24"

STOP
R1-1
30"X30"

FAIRFIELD PL
FAIRFIELD PLACE

125' TYP.

15' TYP.

100' TYP.

260' TYP.

3' LINE
9' GAPS

164

STH 164/PEWAUKEE RD

244+00
245+00
246+00
247+00
248+00
249+00

11'
12'

LAKE PARK DRIVE

POST
INL
W

TEMPORARY PEDESTRIAN SURFACE PLATE

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL-PHASE 1-STAGE 1	SHEET 270	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P1-S1.DWG
LAYOUT NAME - 19
PLOT DATE : 4/24/2026 3:40 PM
PLOT BY : SIPEK, KIRSTEN
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
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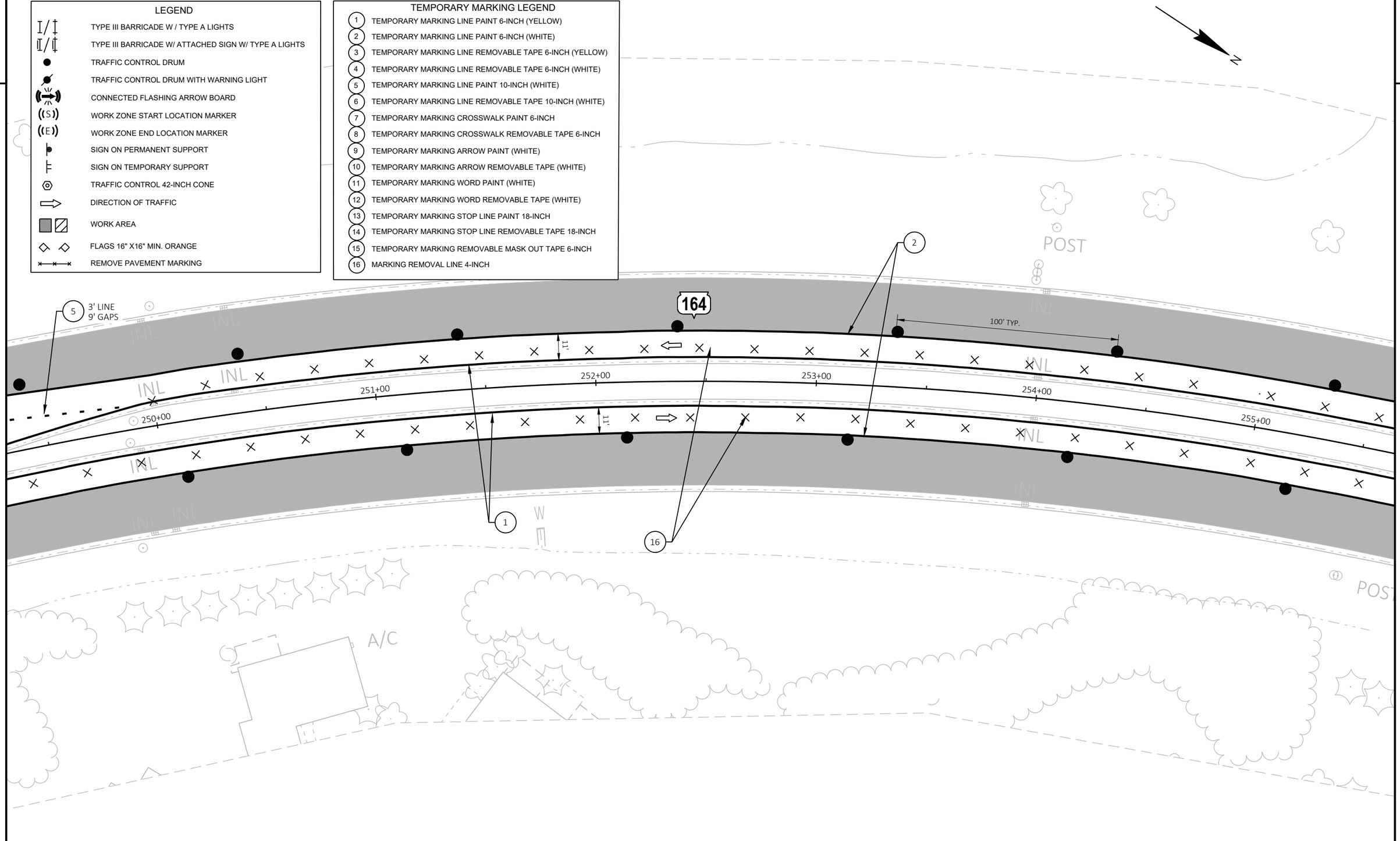
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH



PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL-PHASE 1-STAGE 1	SHEET 271	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P1-S1.DWG
LAYOUT NAME - 20

PLOT DATE : 4/24/2026 3:40 PM PLOT BY : SIPEK, KIRSTEN PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

N

164

256+00 257+00 258+00 259+00 260+00 261+00

11' 11'

100' TYP.

16 2 1

POST POST POST POST POST POST

INL INL INL

A/C W

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL-PHASE 1-STAGE 1	SHEET 272	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P1-S1.DWG
LAYOUT NAME - 21

PLOT DATE : 4/24/2026 3:41 PM PLOT BY : SIPEK, KIRSTEN PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

2

2

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
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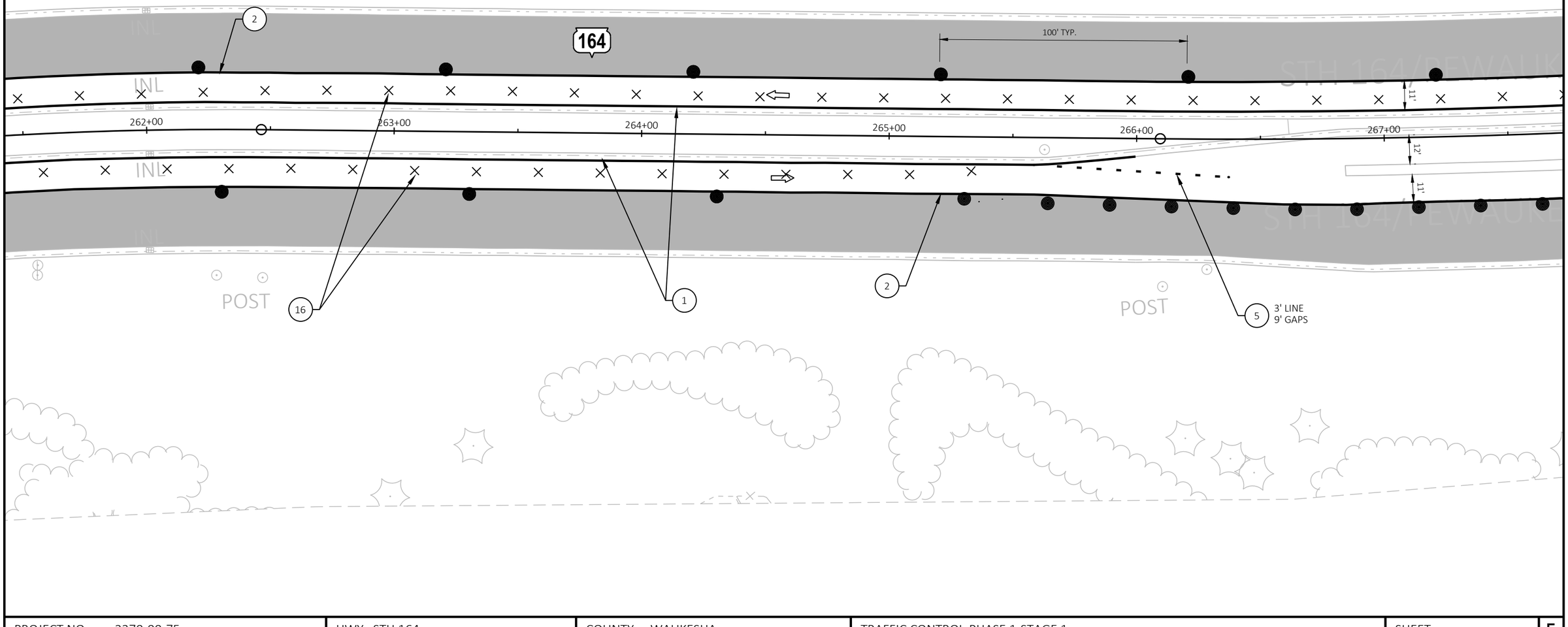
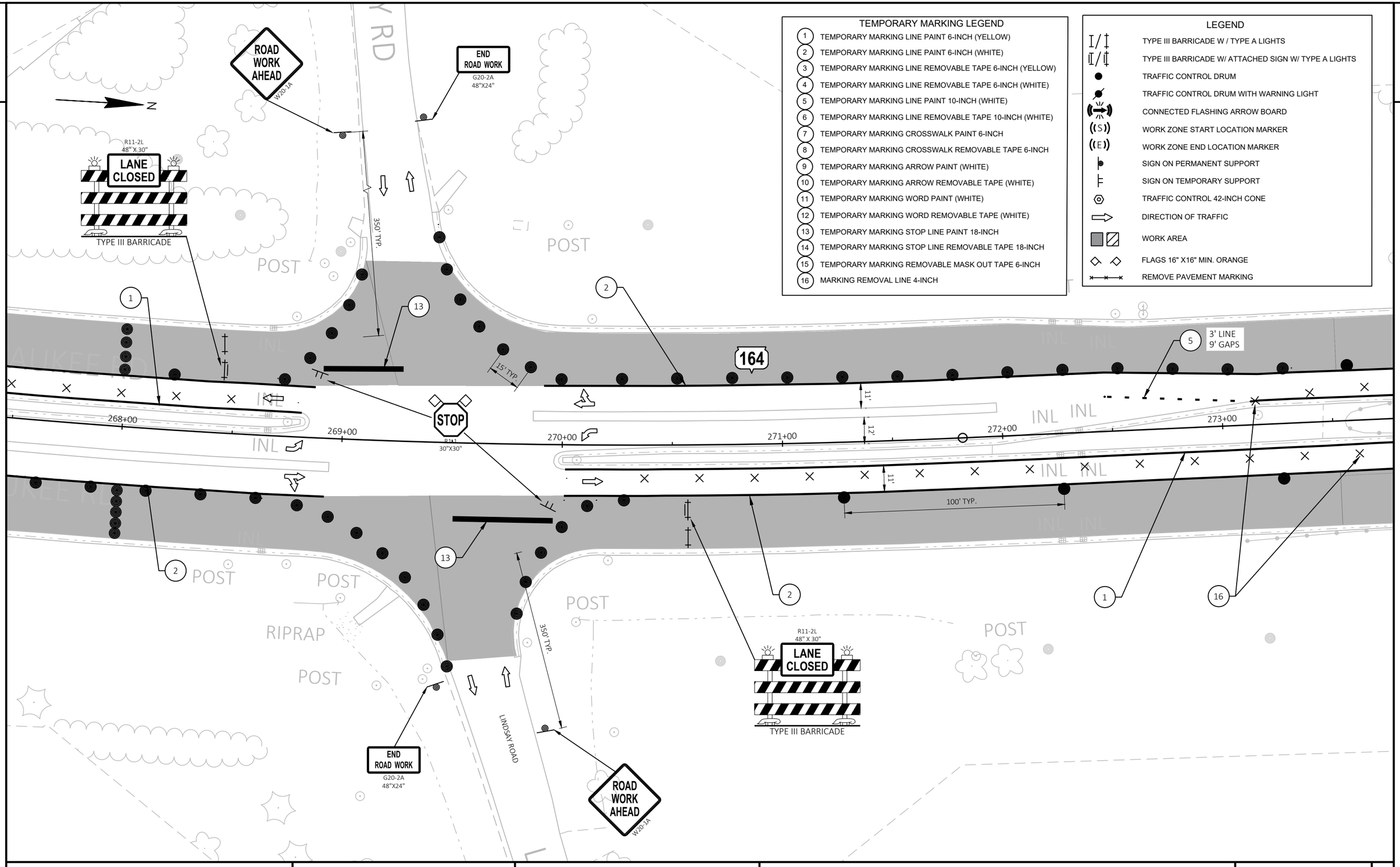
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH



PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL-PHASE 1-STAGE 1	SHEET 273	E



TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL-PHASE 1-STAGE 1	SHEET 274	E

2

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

N

164

11'

274+00 275+00 276+00 277+00 278+00 279+00

100' TYP.

RIPRAP

POST

REMOVABLE TAPE TO BE USED OVER STRUCTURE DURING ALL STAGES UNTIL PERMANENT PAVEMENT MARKING IS PLACED

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL-PHASE 1-STAGE 1	SHEET 275	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P1-S1.DWG
LAYOUT NAME - 24

PLOT DATE : 4/24/2026 3:41 PM PLOT BY : SIPEK, KIRSTEN PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

2

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

N

WO1-6
48" X 24"

TYPE III BARRICADE

15

3

4

164

INL

280+00

281+00

282+00

283+00

284+00

285+00

POST

TEMPORARY MARKING PAINT

TEMPORARY MARKING TAPE

(E)

END ROAD WORK
G20-2A
48"X24"

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- (S) WORK ZONE START LOCATION MARKER
- (E) WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL-PHASE 1-STAGE 1	SHEET 276	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P1-S1.DWG
LAYOUT NAME - 25

PLOT DATE : 4/24/2026 3:41 PM PLOT BY : SIPEK, KIRSTEN PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- (S) WORK ZONE START LOCATION MARKER
- (E) WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
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3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

N

2

POST

3

4

15

INL

164

AUKEE RD

INL

292+00 293+00 294+00 295+00 296+00 297+00

POST

6

3' LINE
9' GAPS

INL

AUKEE RD

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL-PHASE 1-STAGE 1	SHEET 277	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P1-S1.DWG
LAYOUT NAME - 27

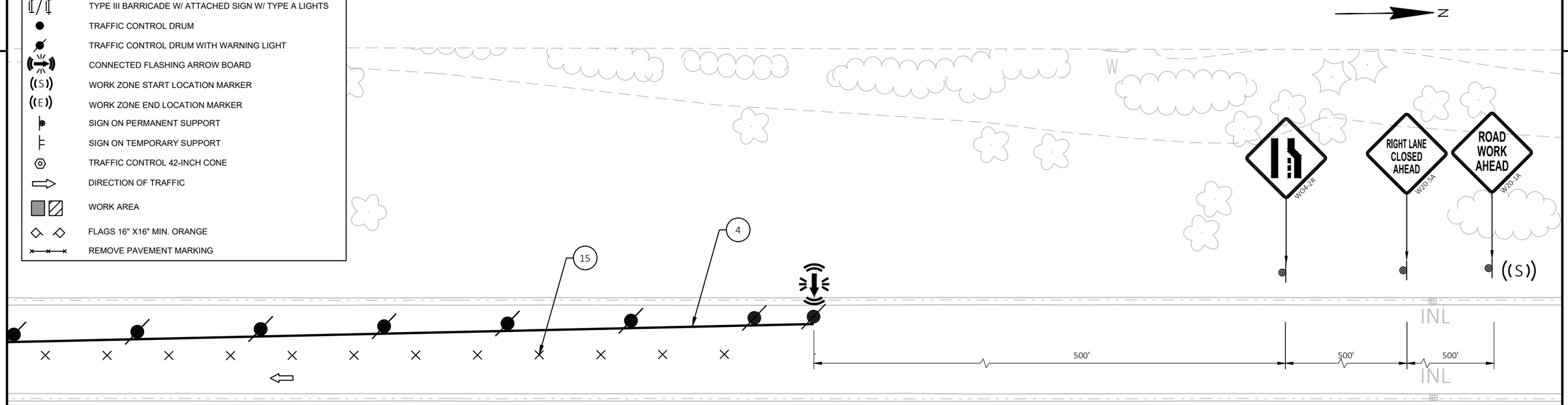
PLOT DATE : 4/24/2026 3:41 PM PLOT BY : SIPEK, KIRSTEN PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

2

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING



TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
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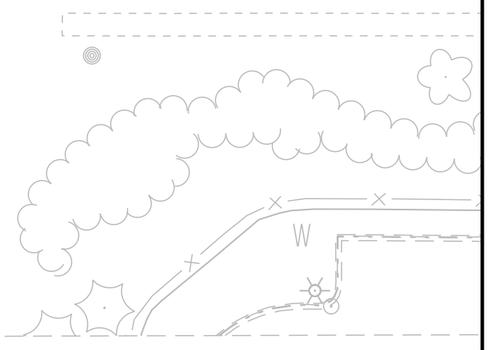
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH



PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL-PHASE 1-STAGE 1	SHEET 278	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P1-S1.DWG
LAYOUT NAME - 28
PLOT DATE : 4/24/2026 3:42 PM
PLOT BY : SIPEK, KIRSTEN
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

LEGEND

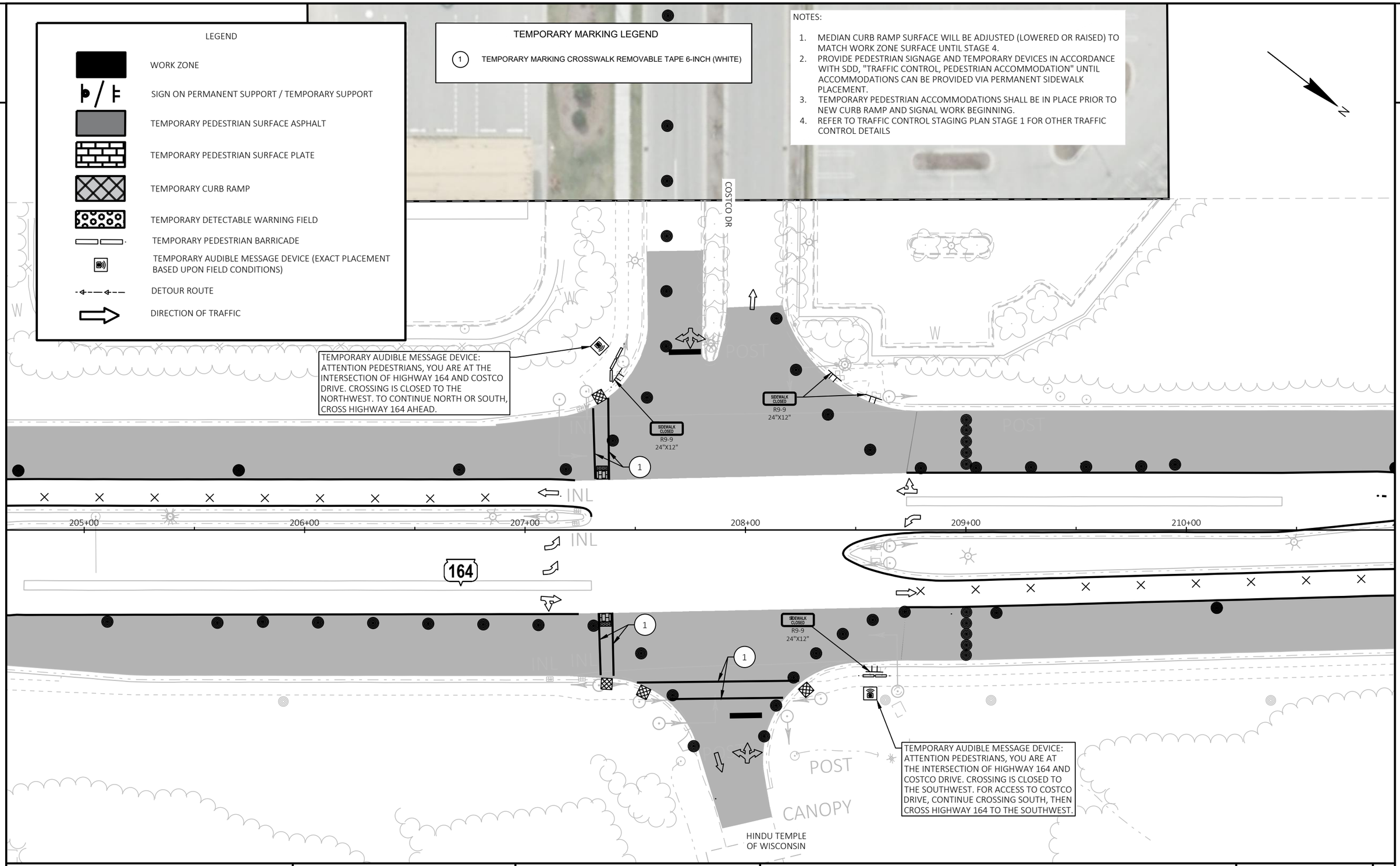
- WORK ZONE
- SIGN ON PERMANENT SUPPORT / TEMPORARY SUPPORT
- TEMPORARY PEDESTRIAN SURFACE ASPHALT
- TEMPORARY PEDESTRIAN SURFACE PLATE
- TEMPORARY CURB RAMP
- TEMPORARY DETECTABLE WARNING FIELD
- TEMPORARY PEDESTRIAN BARRICADE
- TEMPORARY AUDIBLE MESSAGE DEVICE (EXACT PLACEMENT BASED UPON FIELD CONDITIONS)
- DETOUR ROUTE
- DIRECTION OF TRAFFIC

TEMPORARY MARKING LEGEND

1 TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH (WHITE)

NOTES:

1. MEDIAN CURB RAMP SURFACE WILL BE ADJUSTED (LOWERED OR RAISED) TO MATCH WORK ZONE SURFACE UNTIL STAGE 4.
2. PROVIDE PEDESTRIAN SIGNAGE AND TEMPORARY DEVICES IN ACCORDANCE WITH SDD, "TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION" UNTIL ACCOMMODATIONS CAN BE PROVIDED VIA PERMANENT SIDEWALK PLACEMENT.
3. TEMPORARY PEDESTRIAN ACCOMMODATIONS SHALL BE IN PLACE PRIOR TO NEW CURB RAMP AND SIGNAL WORK BEGINNING.
4. REFER TO TRAFFIC CONTROL STAGING PLAN STAGE 1 FOR OTHER TRAFFIC CONTROL DETAILS



2

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL - STAGE 1: PEDESTRIAN STAGE 1	SHEET 279	E

2

N

PEWAUKEE CITY HALL DRIVEWAY

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

151+00 152+00 153+00 154+00 155+00 156+00

164

GREEN RD

500' 500'

ROAD WORK AHEAD W20-1A

LEFT LANE CLOSED AHEAD W20-5SA

W04-2L

2

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL-PHASE 1-STAGE 2	SHEET 280	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P1-S2.DWG
LAYOUT NAME - 04

PLOT DATE : 4/24/2026 4:11 PM PLOT BY : SIPEK, KIRSTEN PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

N

156+00 157+00 158+00 159+00 160+00 161+00 162+00

15' TYP

164

ROUGH HILL RD

200' TYP.

ROAD WORK AHEAD

W20-1A

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL-PHASE 1-STAGE 2	SHEET 281	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P1-S2.DWG
LAYOUT NAME - 05

PLOT DATE : 4/24/2026 4:11 PM PLOT BY : SIPEK, KIRSTEN PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

N

164

162+00 163+00 164+00 165+00 166+00 167+00

50' TYP.

15 3 3 6 3

BEGIN LEFT TURN LANE

R3-20L 24"X36"

2

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL-PHASE 1-STAGE 2	SHEET 282	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P1-S2.DWG
LAYOUT NAME - 06

PLOT DATE : 4/24/2026 4:11 PM PLOT BY : SIPEK, KIRSTEN PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

N

167+00 168+00 169+00 170+00 171+00 172+00

15' TYP.

164

100' TYP.

25' TYP.

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

BEGIN LEFT TURN LANE
R3-20L
24"X36"

2

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL-PHASE 1-STAGE 2	SHEET 283	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P1-S2.DWG
LAYOUT NAME - 07

PLOT DATE : 4/24/2026 4:12 PM PLOT BY : SIPEK, KIRSTEN PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- (S) WORK ZONE START LOCATION MARKER
- (E) WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

N

172+00 173+00 174+00 175+00 164 176+00 177+00 178+00

25' TYP.

15

6

BEGIN LEFT TURN LANE
R3-20L
24"X36"

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

2

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL-PHASE 1-STAGE 2	SHEET 284	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P1-S2.DWG
LAYOUT NAME - 08

PLOT DATE : 4/24/2026 4:12 PM PLOT BY : SIPEK, KIRSTEN PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

2

N

82+00

83+00

84+00

85+00

178+00

179+00

180+00

181+00

182+00

183+00

190

164

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

END
ROAD WORK
G20-2A
48"X24"

25' TYP.

15' TYP.

100' TYP.

500' TYP.

ROAD
WORK
AHEAD
W20-1A

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL-PHASE 1-STAGE 2	SHEET 285	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P1-S2.DWG
LAYOUT NAME - 09

PLOT DATE : 4/24/2026 4:12 PM PLOT BY : SIPEK, KIRSTEN PLOT NAME : PLOT SCALE : 1 IN:40 FT

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

N

ROAD WORK AHEAD
W20-1A

500' TYP.

BEGIN LEFT TURN LANE
R3-20L
24"X36"

190

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

END ROAD WORK
G20-2A
48"X24"

25' TYP.

76+00 77+00 78+00 79+00 80+00 81+00

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

5 5

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL-PHASE 1-STAGE 2-CAPITOL DRIVE	SHEET 286	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P1-S2.DWG
LAYOUT NAME - 01 - CAPITOL DRIVE
PLOT DATE : 4/24/2026 4:12 PM PLOT BY : SIPEK, KIRSTEN PLOT NAME : PLOT SCALE : 1 IN:40 FT

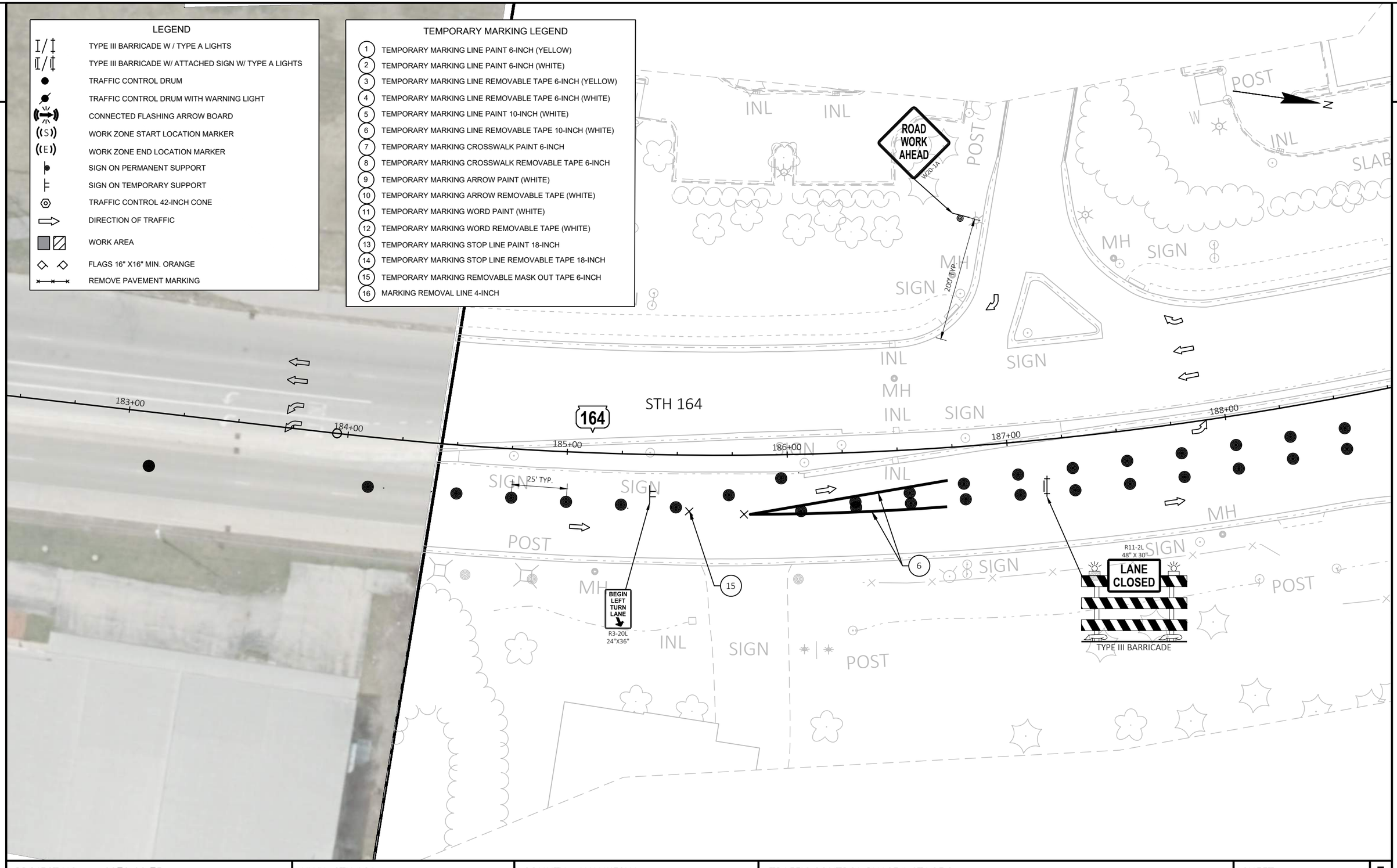
2

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH



PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL-PHASE 1-STAGE 2	SHEET 287	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P1-S2.DWG
LAYOUT NAME - 10

PLOT DATE : 4/24/2026 4:12 PM PLOT BY : SIPEK, KIRSTEN PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

ROAD WORK AHEAD
W20-1A

W01-6
48" X 24"
TYPE III BARRICADE

END ROAD WORK
G20-2A
48"X24"

200' TYP.

MEADOW CREEK MARKET

END ROAD WORK
G20-2A
48"X24"

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

STH 164

164

188+00 189+00 190+00 191+00 192+00 193+00 194+00

25' TYP.

12' 12' 12'

4 6 10 12 3

25' TYP.

15' TYP.

15

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

500' TYP.

END ROAD WORK
G20-2A
48"X24"

ROAD WORK AHEAD
W20-1A

SWAN ROAD
SWAN RD

SIGN FLAG INL MH POST RIPRAP

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL-PHASE 1-STAGE 2	SHEET 288	E

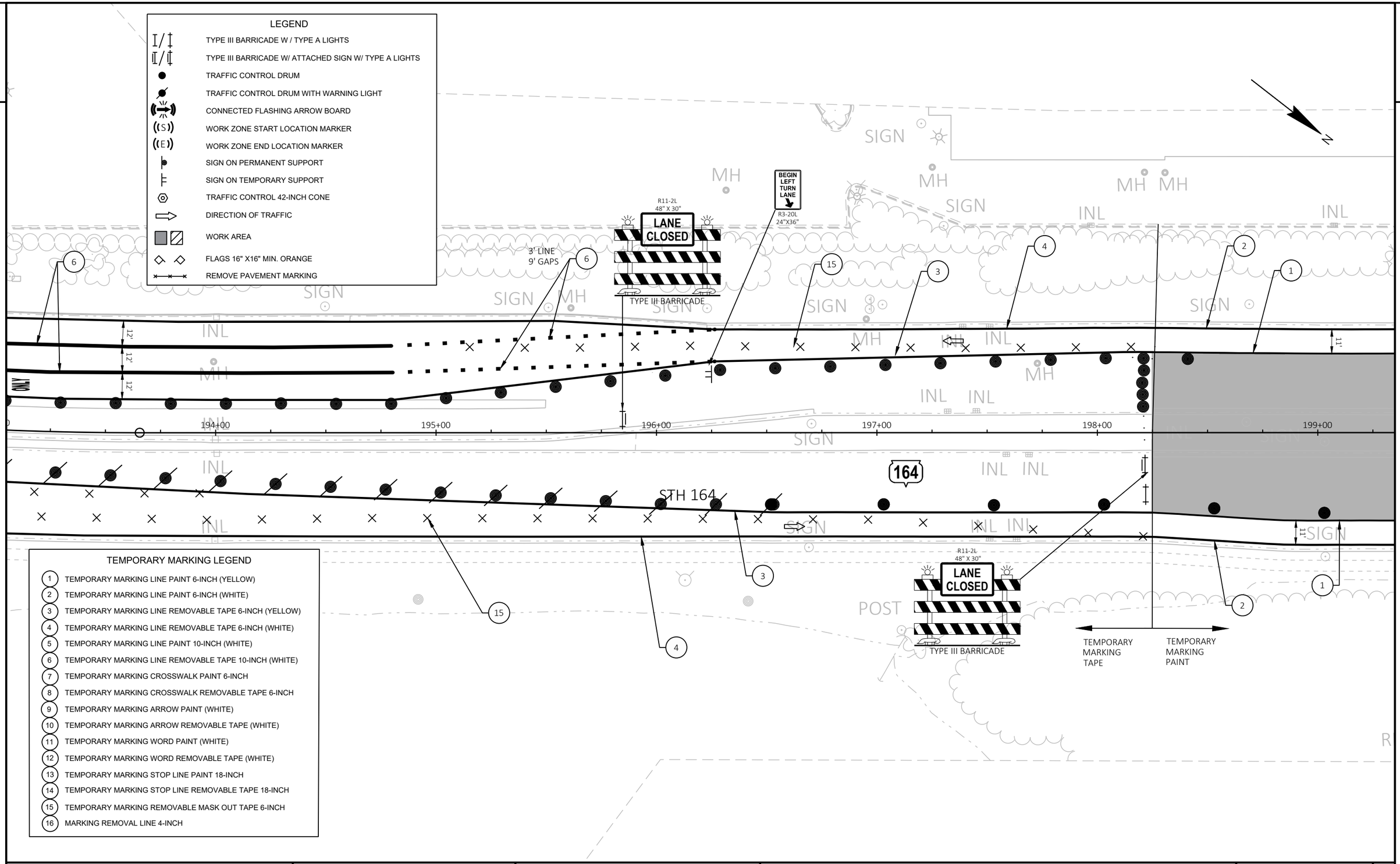
FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P1-S2.DWG
LAYOUT NAME - 11

PLOT DATE : 4/24/2026 4:13 PM PLOT BY : SIPEK, KIRSTEN PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING



TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL-PHASE 1-STAGE 2	SHEET 289	E

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

2

2

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

INL
POST
SIGN

5 3' LINE 9' GAPS

BEGIN LEFT TURN LANE
R3-20L
24"X36"

199+00 200+00 201+00 202+00 203+00 204+00

164

11'

15' TYP.

STH 164

25' TYP.

END ROAD WORK
G20-2A
48"X24"

RIPRAP

SHEPHERD OF THE HILLS CHURCH DRIVEWAY

MH

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

BEGIN LEFT TURN LANE
R3-20L
24"X36"

5 3' LINE 9' GAPS

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL-PHASE 1-STAGE 2	SHEET 290	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P1-S2.DWG
LAYOUT NAME - 13

PLOT DATE : 4/24/2026 4:13 PM PLOT BY : SIPEK, KIRSTEN PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

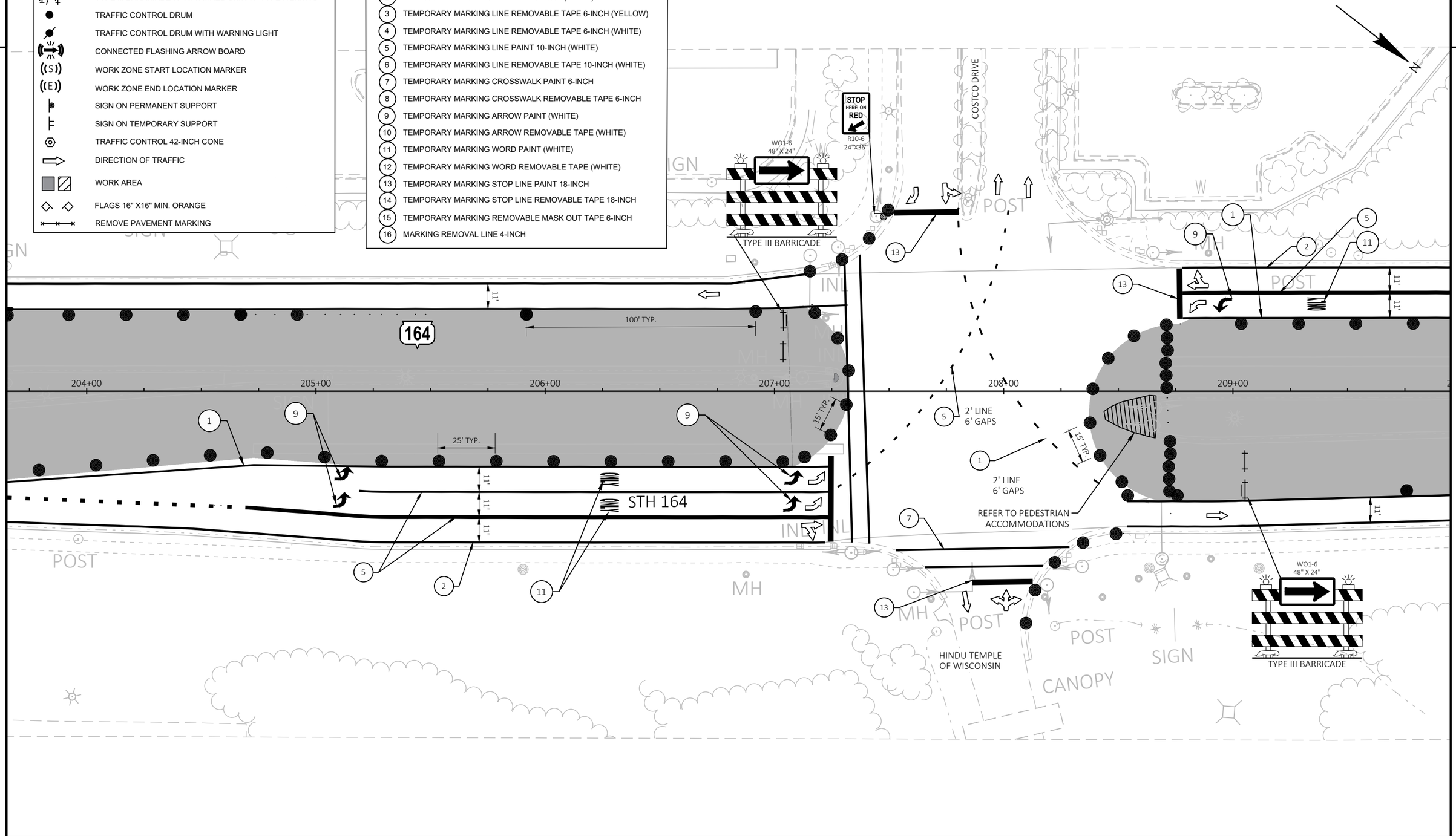
2

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- (S) WORK ZONE START LOCATION MARKER
- (E) WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH



PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL-PHASE 1-STAGE 2	SHEET 291	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P1-S2.DWG
LAYOUT NAME - 14

PLOT DATE : 4/24/2026 4:13 PM PLOT BY : SIPEK, KIRSTEN PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

2

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

N

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

BEGIN LEFT TURN LANE
R3-20L
24"X36"

WO1-6
48" X 24"
TYPE III BARRICADE

5 3' LINE 9' GAPS

11 1 5 9 2

11'
11'
11'
11'
25' TYP.
100' TYP.

POST
SIGN
SIGN
POST
SIGN
SIGN
SIGN
INL
INL
INL
MH
MH

209+00 210+00 211+00 212+00 213+00 214+00 215+00

STH 164

164

1
2

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL-PHASE 1-STAGE 2	SHEET 292	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P1-S2.DWG
LAYOUT NAME - 15

PLOT DATE : 4/24/2026 4:13 PM PLOT BY : SIPEK, KIRSTEN PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

2

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

N

SIGN
INL
GRATE
SIGN
POST
INL
11'
215+00
216+00
217+00
218+00
219+00
220+00
164
100' TYP.
STH 164
SIGN
INL
GRATE
INL
11'
1
2
1
2

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL-PHASE 1-STAGE 2	SHEET 293	E

2

2

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

N

POST

POST

INL

INL

11'

1

2

220+00

221+00

222+00

223+00

224+00

225+00

164

100' TYP.

STH 164

11'

INL

INL

POST

POST

1

2

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL-PHASE 1-STAGE 2	SHEET 294	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P1-S2.DWG
LAYOUT NAME - 17

PLOT DATE : 4/24/2026 4:14 PM PLOT BY : SIPEK, KIRSTEN PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

2

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

N

2

1

POST

INL INL

11'

GRATE

164

225+00 226+00 227+00 228+00 229+00 230+00 231+00

100' TYP.

STH 164

INL INL

11'

GRATE

SIGN

1

2

POST

POST

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL-PHASE 1-STAGE 2	SHEET 295	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P1-S2.DWG
LAYOUT NAME - 18

PLOT DATE : 4/24/2026 4:14 PM PLOT BY : SIPEK, KIRSTEN PLOT NAME : PLOT SCALE : 1 IN:40 FT

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

N

WO1-6
48" X 24"
TYPE III BARRICADE

WO1-6
48" X 24"
TYPE III BARRICADE

STH 164

231+00 232+00 233+00 234+00 235+00 236+00

11'

11'

15' TYP.

25' TYP.

164

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

END
ROAD WORK
G20-2A
48"X24"

ROAD
WORK
AHEAD
W20-1A

CHESTERWOOD LN

WO1-6
48" X 24"
TYPE III BARRICADE

PLACE IMMENDIATELY SOUTH OF
LAUREATE DRIVE INTERSECTION

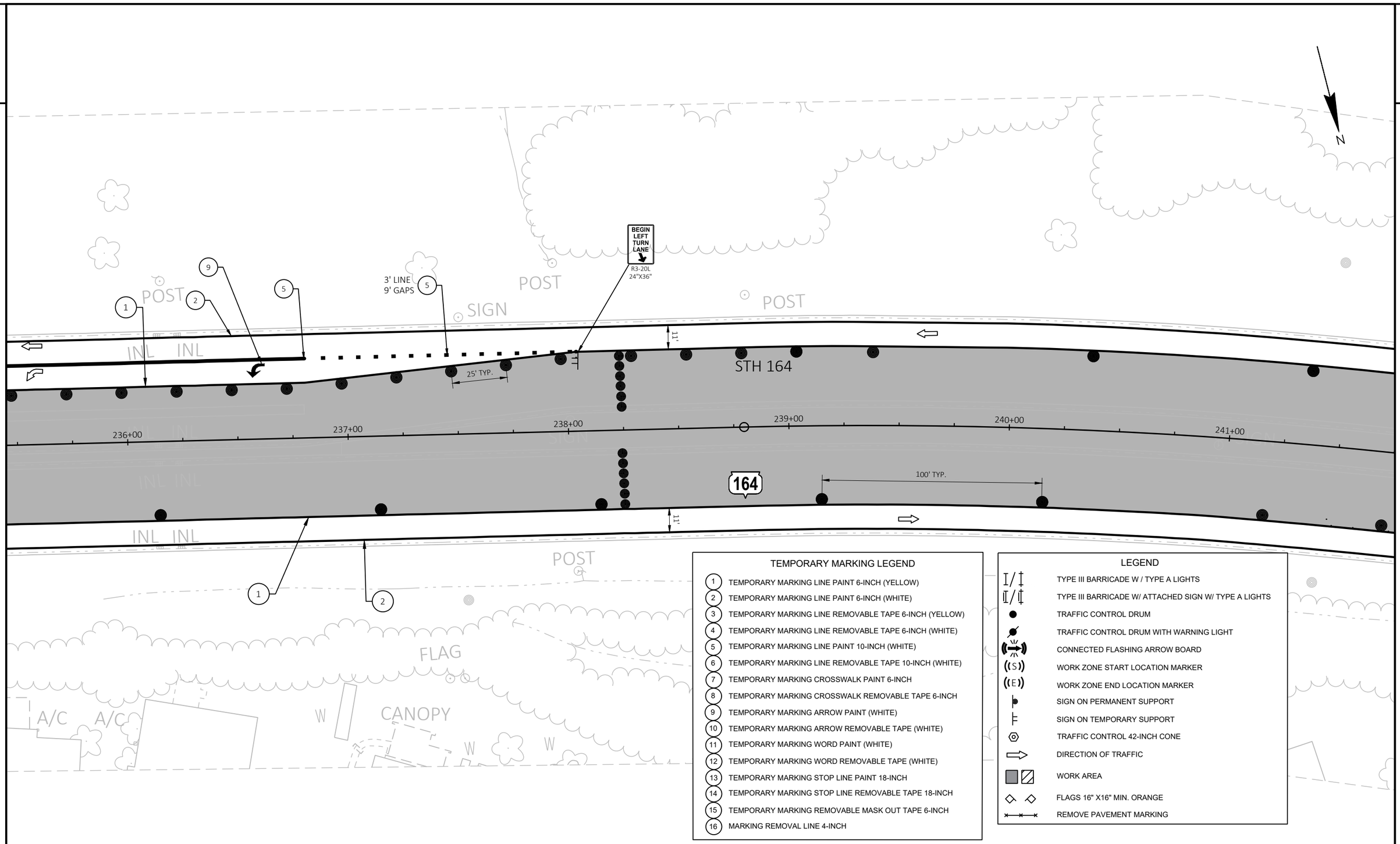
PROJECT NO: 2370-00-75	HWY: STH 165	COUNTY: WAUKESHA	TRAFFIC CONTROL-PHASE 1-STAGE 2	SHEET 296	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P1-S2.DWG
LAYOUT NAME - 19

PLOT DATE : 4/24/2026 4:14 PM PLOT BY : SIPEK, KIRSTEN PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2



TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

LEGEND

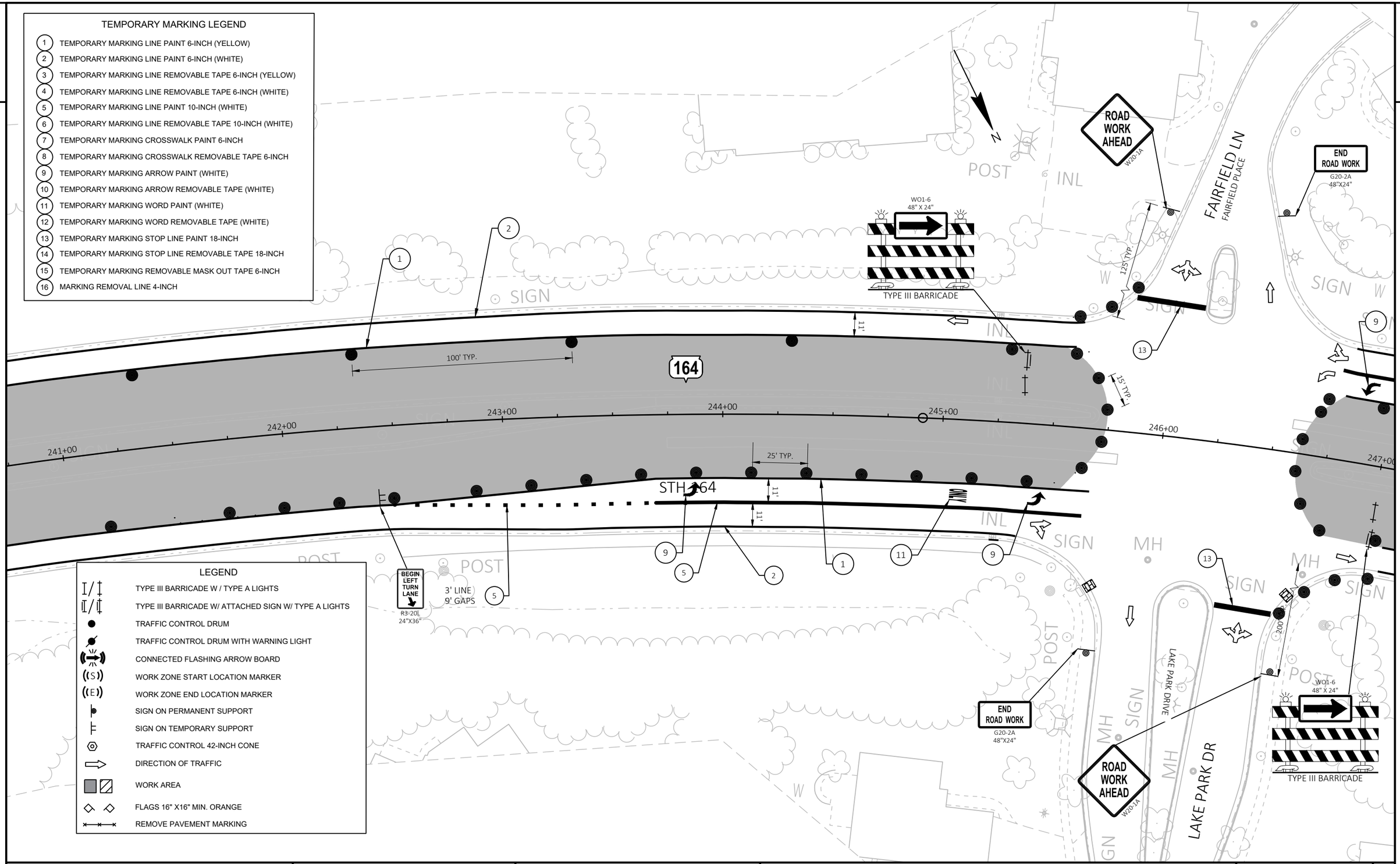
- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL-PHASE 1-STAGE 2	SHEET 297	E

2

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH



LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL-PHASE 1-STAGE 2	SHEET 298	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P1-S2.DWG
LAYOUT NAME - 21

PLOT DATE : 4/24/2026 4:14 PM PLOT BY : SIPEK, KIRSTEN PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

2

TEMPORARY MARKING LEGEND

1	TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2	TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3	TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4	TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5	TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6	TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7	TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8	TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9	TEMPORARY MARKING ARROW PAINT (WHITE)
10	TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11	TEMPORARY MARKING WORD PAINT (WHITE)
12	TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13	TEMPORARY MARKING STOP LINE PAINT 18-INCH
14	TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15	TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16	MARKING REMOVAL LINE 4-INCH

N

STH 164

BEGIN LEFT TURN LANE
R3-20L
24"X36"

3' LINE
6' GAPS

11'

11'

5' TYP.

247+00
248+00
249+00
250+00
251+00
252+00

100' TYP.

15' TYP.

11'

200' TYP.

WO1-6
48" X 24"

TYPE III BARRICADE

LAKE PARK DRIVE

LAKE PARK DR

164

1

2

LEGEND

	TYPE III BARRICADE W / TYPE A LIGHTS
	TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
	TRAFFIC CONTROL DRUM
	TRAFFIC CONTROL DRUM WITH WARNING LIGHT
	CONNECTED FLASHING ARROW BOARD
(S)	WORK ZONE START LOCATION MARKER
(E)	WORK ZONE END LOCATION MARKER
	SIGN ON PERMANENT SUPPORT
	SIGN ON TEMPORARY SUPPORT
	TRAFFIC CONTROL 42-INCH CONE
	DIRECTION OF TRAFFIC
	WORK AREA
	FLAGS 16" X16" MIN. ORANGE
	REMOVE PAVEMENT MARKING

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL-PHASE 1-STAGE 2	SHEET 299	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P1-S2.DWG
LAYOUT NAME - 22

PLOT DATE : 4/24/2026 4:15 PM PLOT BY : SIPEK, KIRSTEN PLOT NAME : PLOT SCALE : 1 IN:40 FT

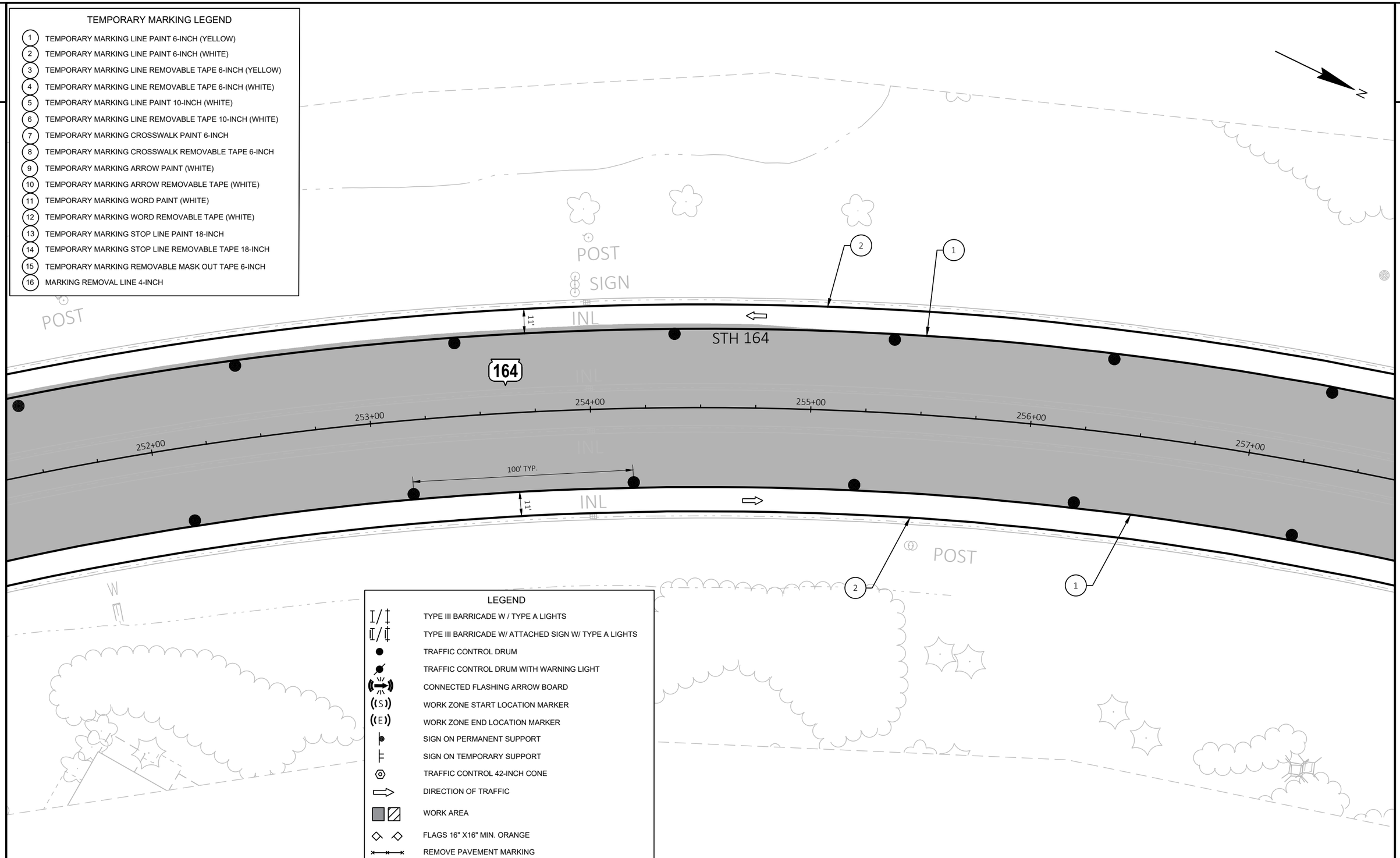
WISDOT/CADDS SHEET 42

2

2

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH



LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL-PHASE 1-STAGE 2	SHEET 300	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P1-S2.DWG
LAYOUT NAME - 23

PLOT DATE : 4/24/2026 4:15 PM PLOT BY : SIPEK, KIRSTEN PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

2

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

N

POST POST POST

1 2

11'

INL

164

257+00 258+00 259+00 260+00 261+00 262+00

100' TYP.

STH 164

11'

INL INL INL INL

POST SIGN MH POST

W

2 1

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL-PHASE 1-STAGE 2	SHEET 301	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P1-S2.DWG
LAYOUT NAME - 24

PLOT DATE : 4/24/2026 4:15 PM PLOT BY : SIPEK, KIRSTEN PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

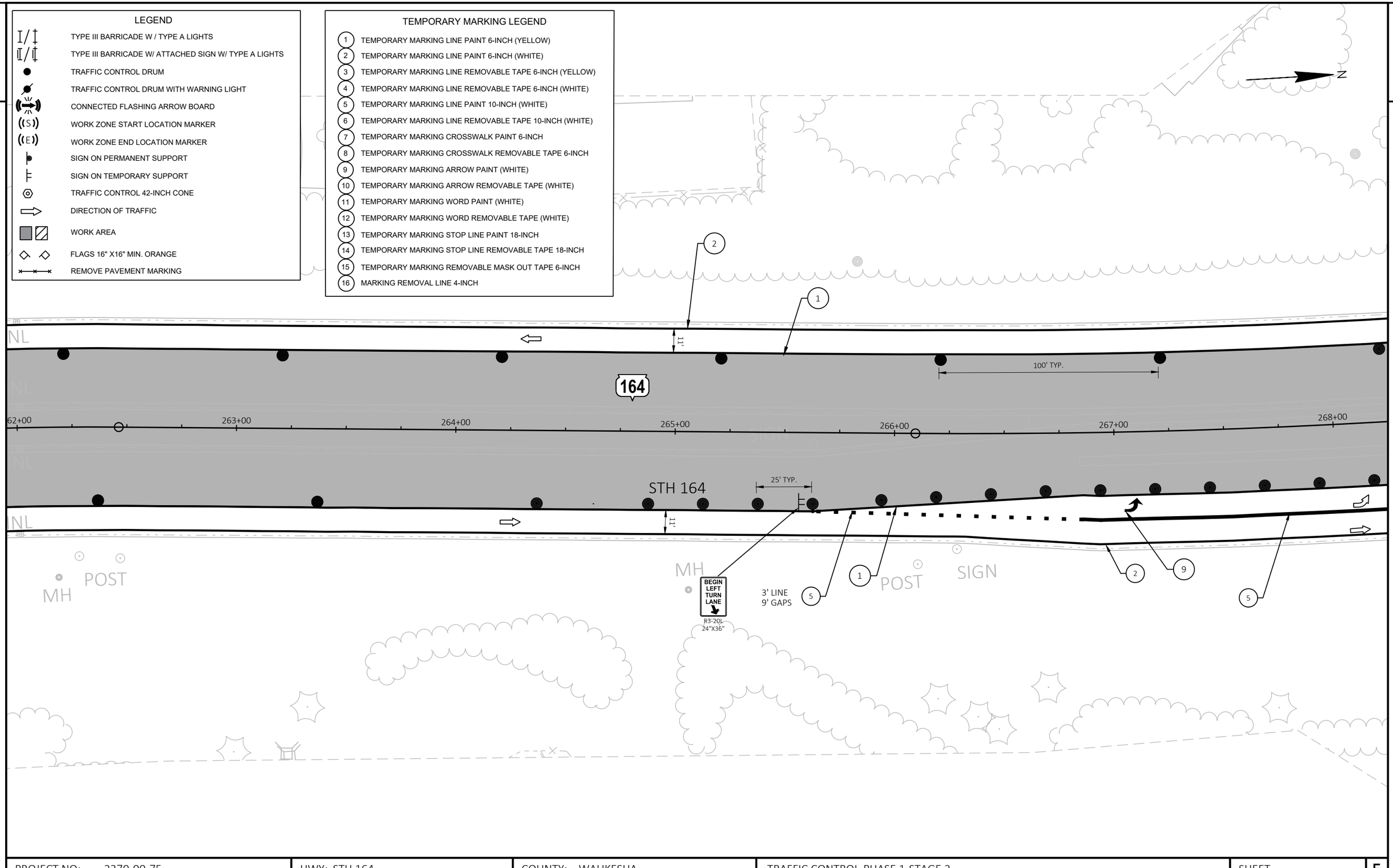
2

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH



PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL-PHASE 1-STAGE 2	SHEET 302	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P1-S2.DWG
LAYOUT NAME - 25

PLOT DATE : 4/24/2026 4:15 PM PLOT BY : SIPEK, KIRSTEN PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

N

ROAD WORK AHEAD
W20-2A

END ROAD WORK
G20-2A
48"X24"

WO1-6
48" X 24"
TYPE III BARRICADE

350' TYP.

13

3' LINE
9' GAPS

BEGIN LEFT TURN LANE
R3-20L
24"X36"

STH 164

25' TYP.

11'

100' TYP.

15' TYP.

164

268+00 269+00 270+00 271+00 272+00 273+00

SIGN POST INL MH RIPRAP

LINDSAY RD
LINDSAY ROAD

5 2 11 9 1

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL-PHASE 1-STAGE 2	SHEET 303	E

2

2

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

N

REMOVABLE TAPE TO BE USED OVER STRUCTURE DURING ALL STAGES UNTIL PERMANENT PAVEMENT MARKING IS PLACED

BEGIN LEFT TURN LANE
R3-20L
24"X36"

25' TYP.

11'

164

273+00 274+00 275+00 276+00 277+00 278+00

100' TYP.

STH 164

RIPRAP

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL-PHASE 1-STAGE 2	SHEET 304	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P1-S2.DWG
LAYOUT NAME - 27

PLOT DATE : 4/24/2026 4:15 PM PLOT BY : SIPEK, KIRSTEN PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

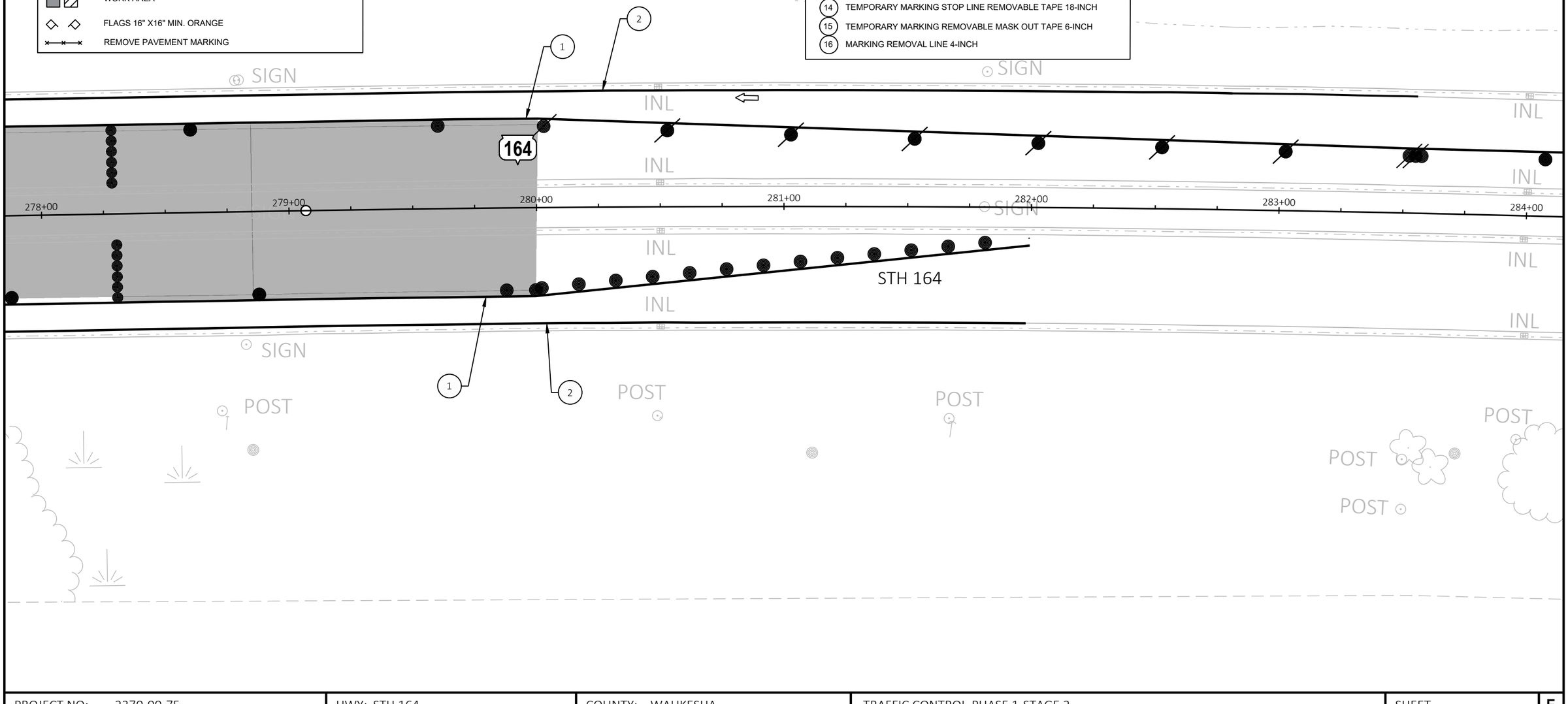
LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

N



PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL-PHASE 1-STAGE 2	SHEET 305	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P1-S2.DWG
LAYOUT NAME - 28

PLOT DATE : 4/24/2026 4:16 PM PLOT BY : SIPEK, KIRSTEN PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

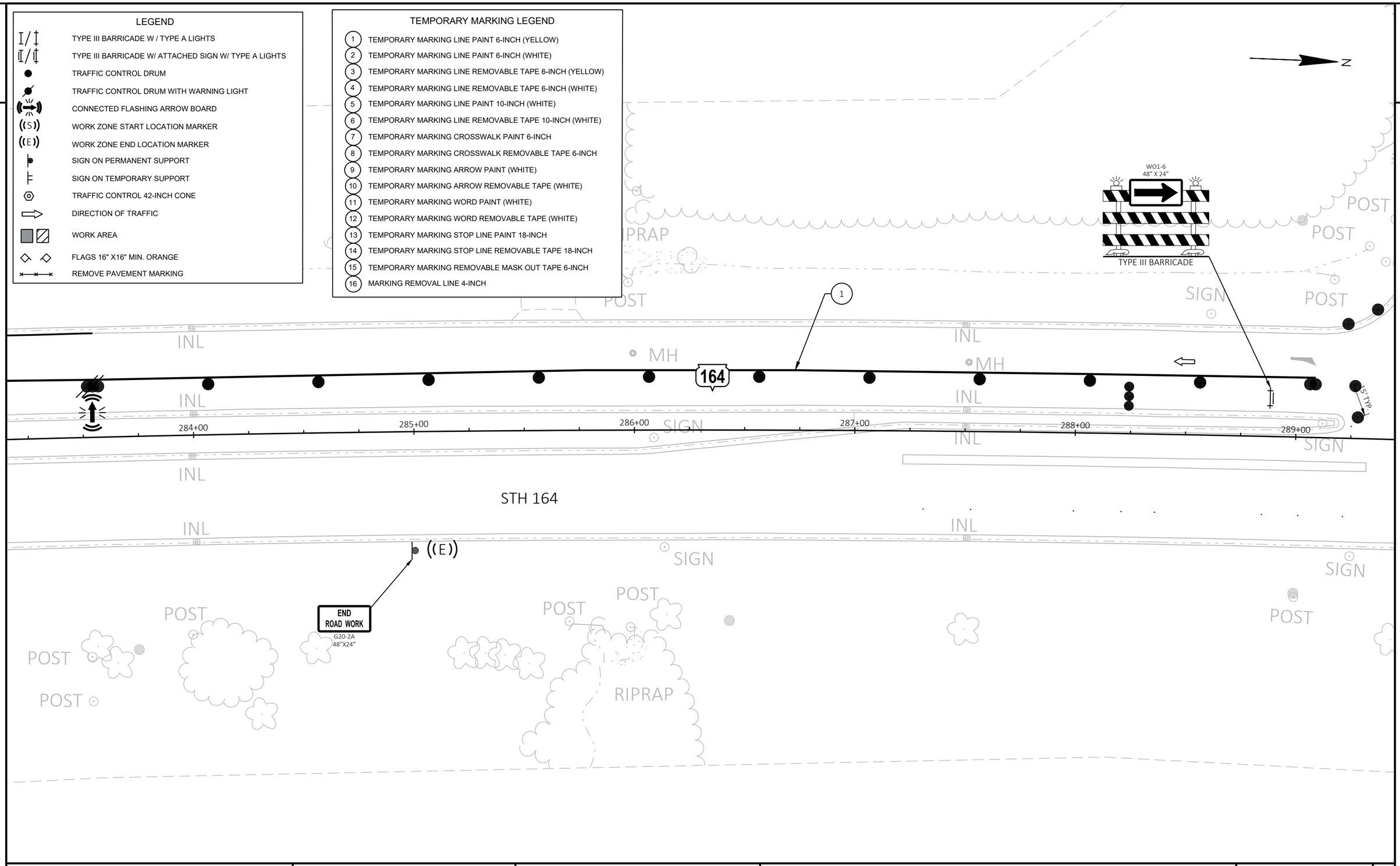
2

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH



PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL-PHASE 1-STAGE 2	SHEET 306	E

2

N

ROAD WORK AHEAD
W20-1A

WO1-6
48" X 24"

TYPE III BARRICADE

350' TYP.

END ROAD WORK
G20-2A
48"X24"

SEVEN STONE ROAD

1

289+00 290+00 291+00 292+00 293+00 294+00

STH 164 164

RIPRAP

RUINS

POST SIGN MH INL W

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL-PHASE 1-STAGE 2	SHEET 307	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P1-S2.DWG
LAYOUT NAME - 30
PLOT DATE : 4/24/2026 4:16 PM
PLOT BY : SIPEK, KIRSTEN
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

N

2

SIGN
INL
MH
INL
1
294+00
295+00
296+00
297+00
298+00
299+00
300+0
POST
SIGN
INL
164
STH 164
INL
SIGN
SIGN

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL-PHASE 1-STAGE 2	SHEET 308	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P1-S2.DWG
LAYOUT NAME - 31

PLOT DATE : 4/24/2026 4:16 PM PLOT BY : SIPEK, KIRSTEN PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

N

W

W04-2L

LEFT LANE CLOSED AHEAD

W20-5SA

ROAD WORK AHEAD

W20-1A

(S)

500'

500'

500'

SIGN

RIPRAP

INL

MH

INL

300+00

301+00

302+00

303+00

304+00

305+00

SIGN

SIGN

INL

164

STH 164

INL

SIGN

SIGN

POST

W

INL

SIGN

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

2

2

TEMPORARY AUDIBLE MESSAGE DEVICE: ATTENTION PEDESTRIANS, YOU ARE AT THE INTERSECTION OF HIGHWAY 164 AND COSTCO DRIVE. CROSSING IS CLOSED TO THE NORTHWEST. TO CONTINUE NORTH, CROSS HIGHWAY 164 HERE.

COSTCO DR

SIDEWALK CLOSED R9-9 24"X12"

164

205+00 206+00 207+00 208+00 209+00 210+00 211+

WARP ASPHALT TO RAMP CROSSWALK AND ACCOMMODATE TURN LANE.

CONSTRUCT MEDIAN CROSSWALK. GAP CURB & GUTTER TO ALLOW FOR TEMPORARY RAMP UNTIL STAGE 4

SIDEWALK CLOSED R9-9 24"X12"

STH 164

11'

TEMPORARY AUDIBLE MESSAGE DEVICE: ATTENTION PEDESTRIANS, YOU ARE AT THE INTERSECTION OF HIGHWAY 164 AND COSTCO DRIVE. CROSSING IS CLOSED TO THE NORTHWEST. TO CONTINUE WEST, CROSS HIGHWAY 164 HERE.

HINDU TEMPLE OF WISCONSIN

TEMPORARY AUDIBLE MESSAGE DEVICE: ATTENTION PEDESTRIANS, YOU ARE AT THE INTERSECTION OF HIGHWAY 164 AND COSTCO DRIVE. CROSSING IS CLOSED TO THE SOUTHWEST. FOR ACCESS TO COSTCO DRIVE, CONTINUE CROSSING SOUTH, THEN CROSS HIGHWAY 164 TO THE SOUTHWEST.

LEGEND

- WORK ZONE
- SIGN ON PERMANENT SUPPORT / TEMPORARY SUPPORT
- TEMPORARY PEDESTRIAN SURFACE ASPHALT
- TEMPORARY PEDESTRIAN SURFACE PLATE
- TEMPORARY CURB RAMP
- TEMPORARY DETECTABLE WARNING FIELD
- TEMPORARY PEDESTRIAN BARRICADE
- TEMPORARY AUDIBLE MESSAGE DEVICE (EXACT PLACEMENT BASED UPON FIELD CONDITIONS)
- DETOUR ROUTE
- DIRECTION OF TRAFFIC

NOTES:

1. MEDIAN CURB RAMP SURFACE WILL BE ADJUSTED (LOWERED OR RAISED) TO MATCH WORK ZONE SURFACE UNTIL STAGE 4.
2. PROVIDE PEDESTRIAN SIGNAGE AND TEMPORARY DEVICES IN ACCORDANCE WITH SDD, "TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION" UNTIL ACCOMMODATIONS CAN BE PROVIDED VIA PERMANENT SIDEWALK PLACEMENT.
3. TEMPORARY PEDESTRIAN ACCOMMODATIONS SHALL BE IN PLACE PRIOR TO NEW CURB RAMP AND SIGNAL WORK BEGINNING.
4. REFER TO TRAFFIC CONTROL STAGING PLAN STAGE 2 FOR OTHER TRAFFIC CONTROL DETAILS

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL-PEDESTRIAN-PHASE 1-STAGE 2	SHEET 310	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P1-S2.DWG
LAYOUT NAME - PED ACCOM- COSTCO DR _N Med

PLOT DATE : 4/24/2026 4:17 PM PLOT BY : SIPEK, KIRSTEN PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- (S) WORK ZONE START LOCATION MARKER
- (E) WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

N

164

153+00 154+00 155+00 156+00 157+00 158+00

(S)

500' 500'

ROAD WORK AHEAD W20-1A

RIGHT LANE CLOSED AHEAD W20-5A

W04-2R

2

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL-PHASE 1-STAGE 3	SHEET 311	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P1-S3.DWG
LAYOUT NAME - 04

PLOT DATE : 4/27/2026 1:24 PM PLOT BY : SIPEK, KIRSTEN PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

2

N

ROUGH HILL RD

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

164

159+00 160+00 161+00 162+00 163+00 164+00

50' TYP.

15

4

200' TYP.

ROAD WORK AHEAD
W20-1A

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL-PHASE 1-STAGE 3	SHEET 312	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P1-S3.DWG
LAYOUT NAME - 05

PLOT DATE : 4/27/2026 1:24 PM PLOT BY : SIPEK, KIRSTEN PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

N

164

165+00 166+00 167+00 168+00 169+00 170+00

100' TYP.

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

4

2

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL-PHASE 1-STAGE 3	SHEET 313	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P1-S3.DWG
LAYOUT NAME - 06

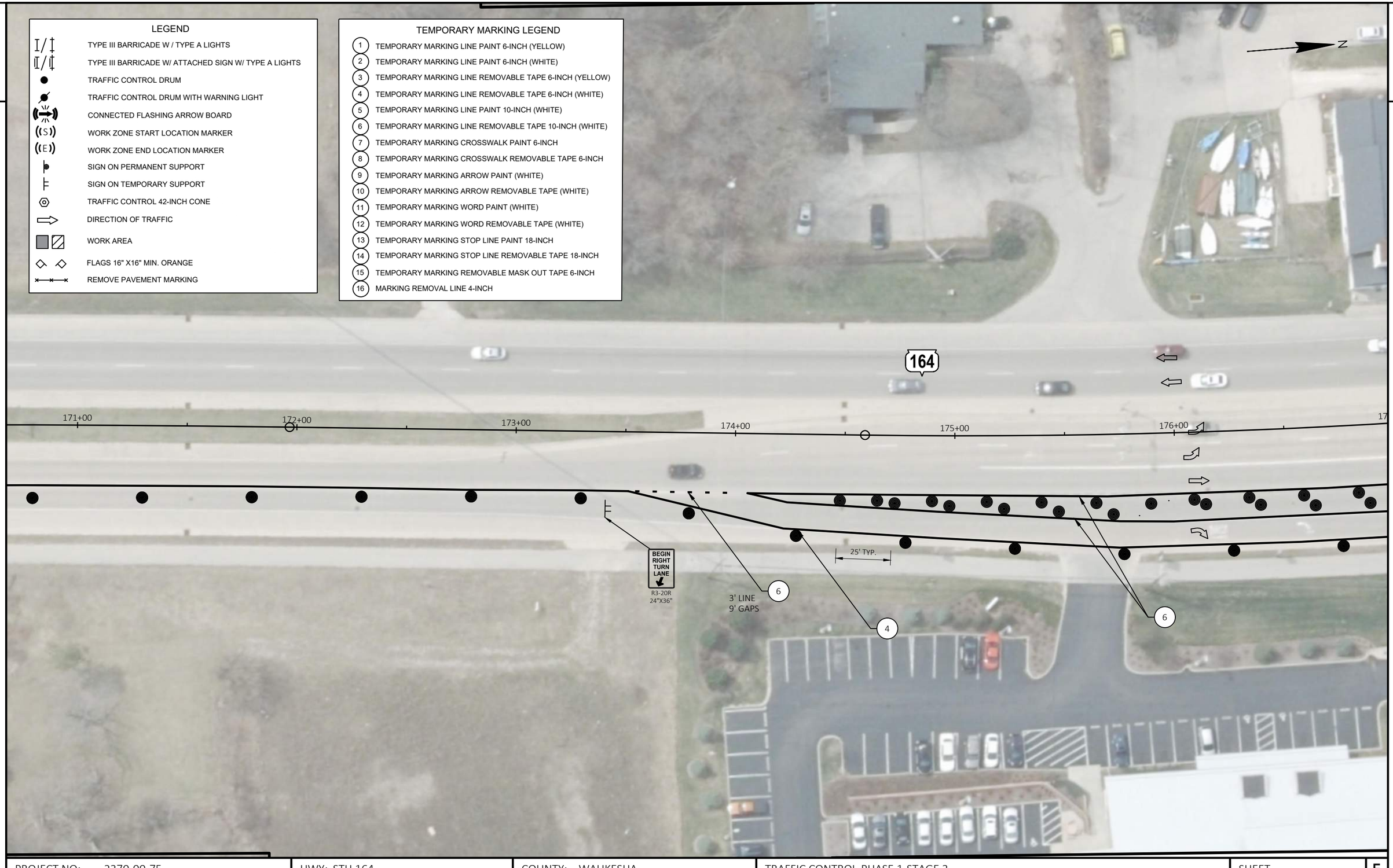
PLOT DATE : 4/27/2026 1:24 PM PLOT BY : SIPEK, KIRSTEN PLOT NAME : PLOT SCALE : 1 IN:40 FT

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH



2

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL-PHASE 1-STAGE 3	SHEET 314	E

2

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

END ROAD WORK
G20-2A
48"X24"

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

N

82
83
84
85

177+00
178+00
179+00
180+00
181+00
182+00
183+

164

25' TYP.

6

4

END ROAD WORK
G20-2A
48"X24"

190

500' TYP.

ROAD WORK AHEAD
W20-1A

15' TYP.

100' TYP.

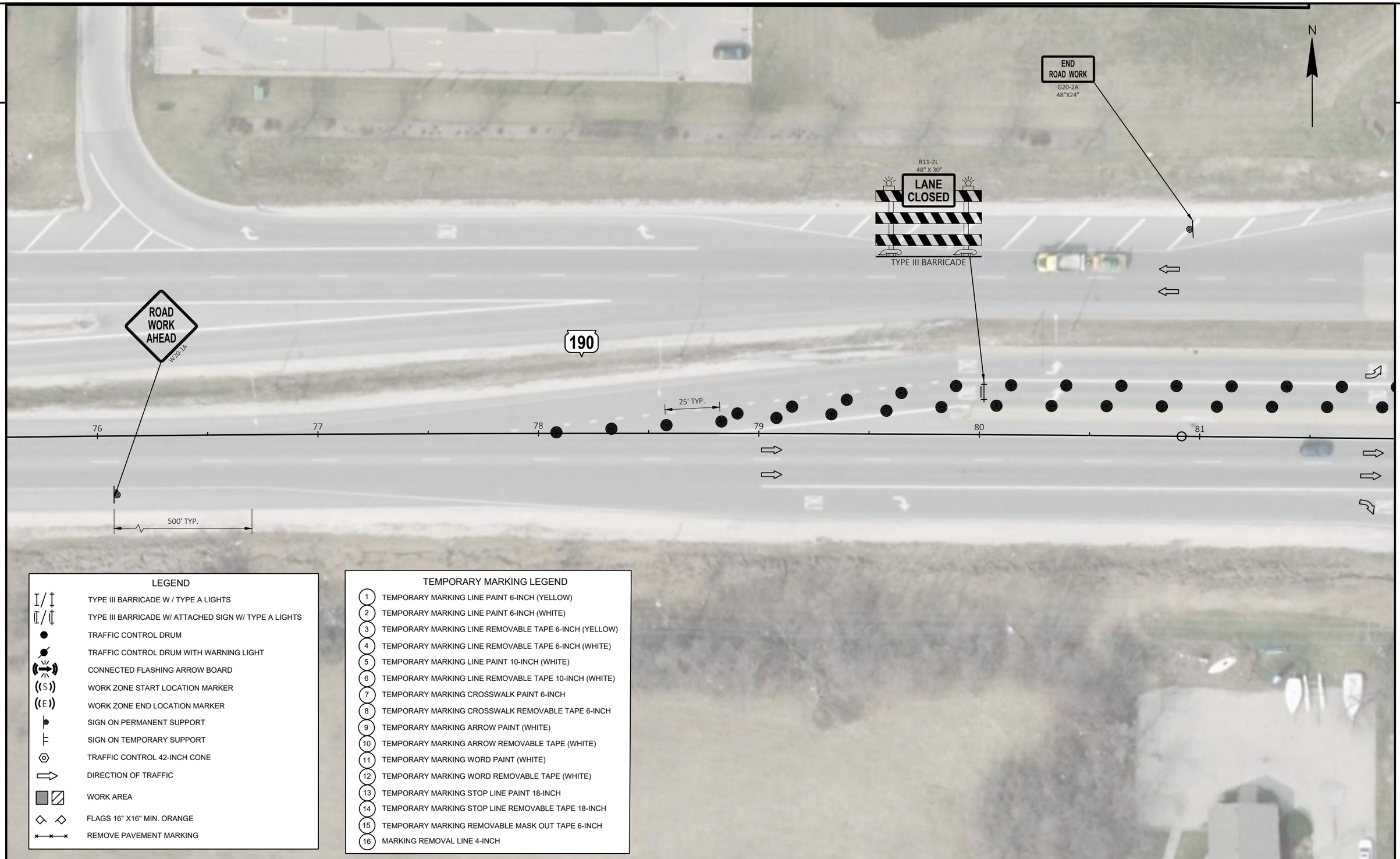
4

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL-PHASE 1-STAGE 3	SHEET 315	E

2



LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

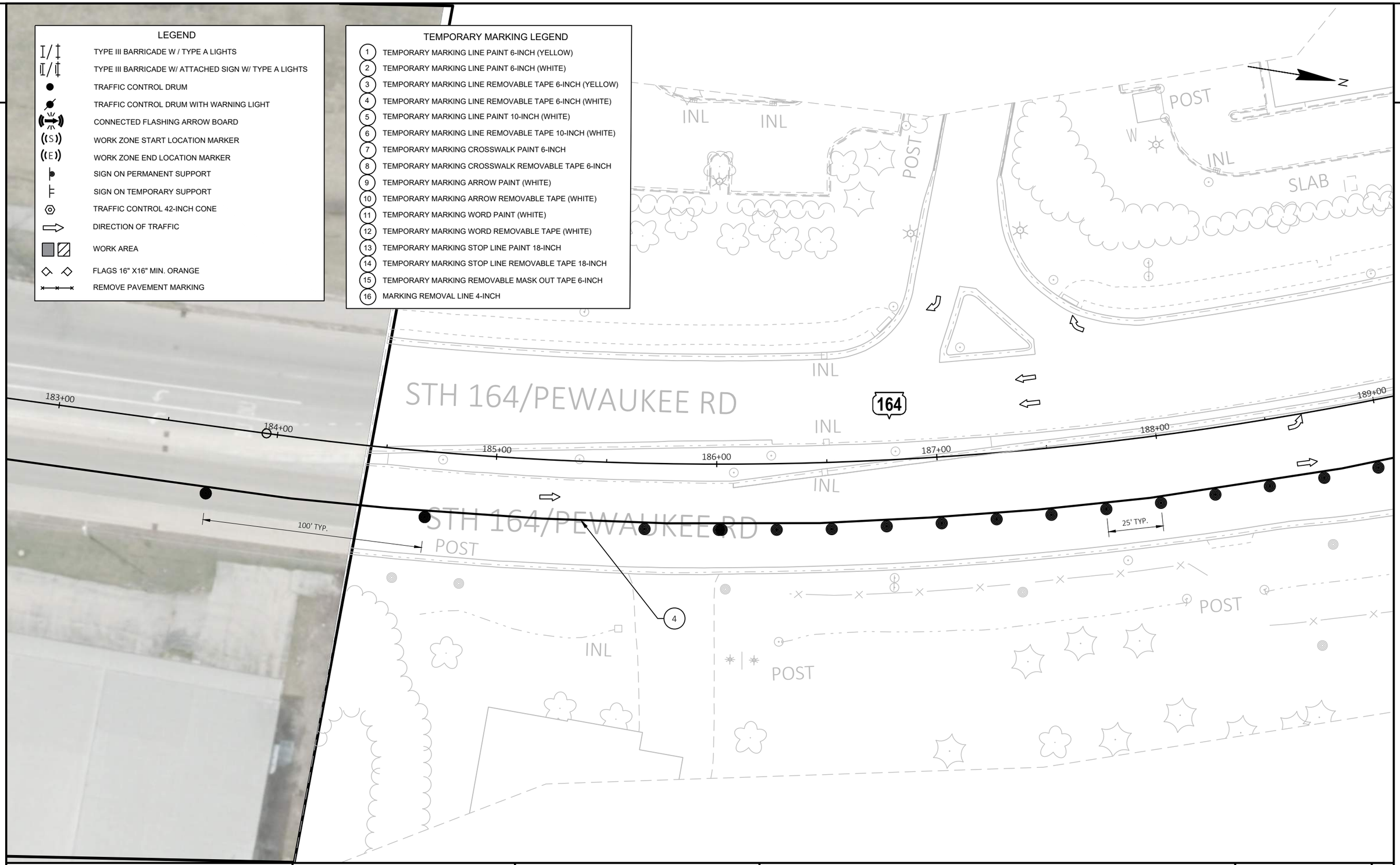
PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL-PHASE 1-STAGE 3	SHEET 316	E

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH



PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL-PHASE 1-STAGE 3	SHEET 317	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P1-S3.DWG
LAYOUT NAME - 09

PLOT DATE : 4/27/2026 1:25 PM PLOT BY : SIPEK, KIRSTEN PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

TEMPORARY MARKING LEGEND

1	TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2	TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3	TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4	TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5	TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6	TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7	TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8	TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9	TEMPORARY MARKING ARROW PAINT (WHITE)
10	TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11	TEMPORARY MARKING WORD PAINT (WHITE)
12	TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13	TEMPORARY MARKING STOP LINE PAINT 18-INCH
14	TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15	TEMPORARY MARKING REMOVABLE MASK OUT TEMPORARY 6-INCH
16	MARKING REMOVAL LINE 4-INCH

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- (S) WORK ZONE START LOCATION MARKER
- (E) WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

ROAD WORK AHEAD W20-1A

END ROAD WORK G20-2A 48"X24"

R11-2L 48" X 30" LANE CLOSED

TYPE III BARRICADE

25' TYP.

350' TYP.

15' TYP.

100' TYP.

FLAG

MEADOW CREEK MARKET

SWAN RD

SLAB

INL

POST

RIPRAP

W

189+00 190+00 191+00 192+00 193+00 194+00 195+00

164

STH 164/PEWAUKEE

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL-PHASE 1-STAGE 3	SHEET 318	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P1-S3.DWG
LAYOUT NAME - 10
PLOT DATE : 4/27/2026 1:25 PM
PLOT BY : SIPEK, KIRSTEN
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

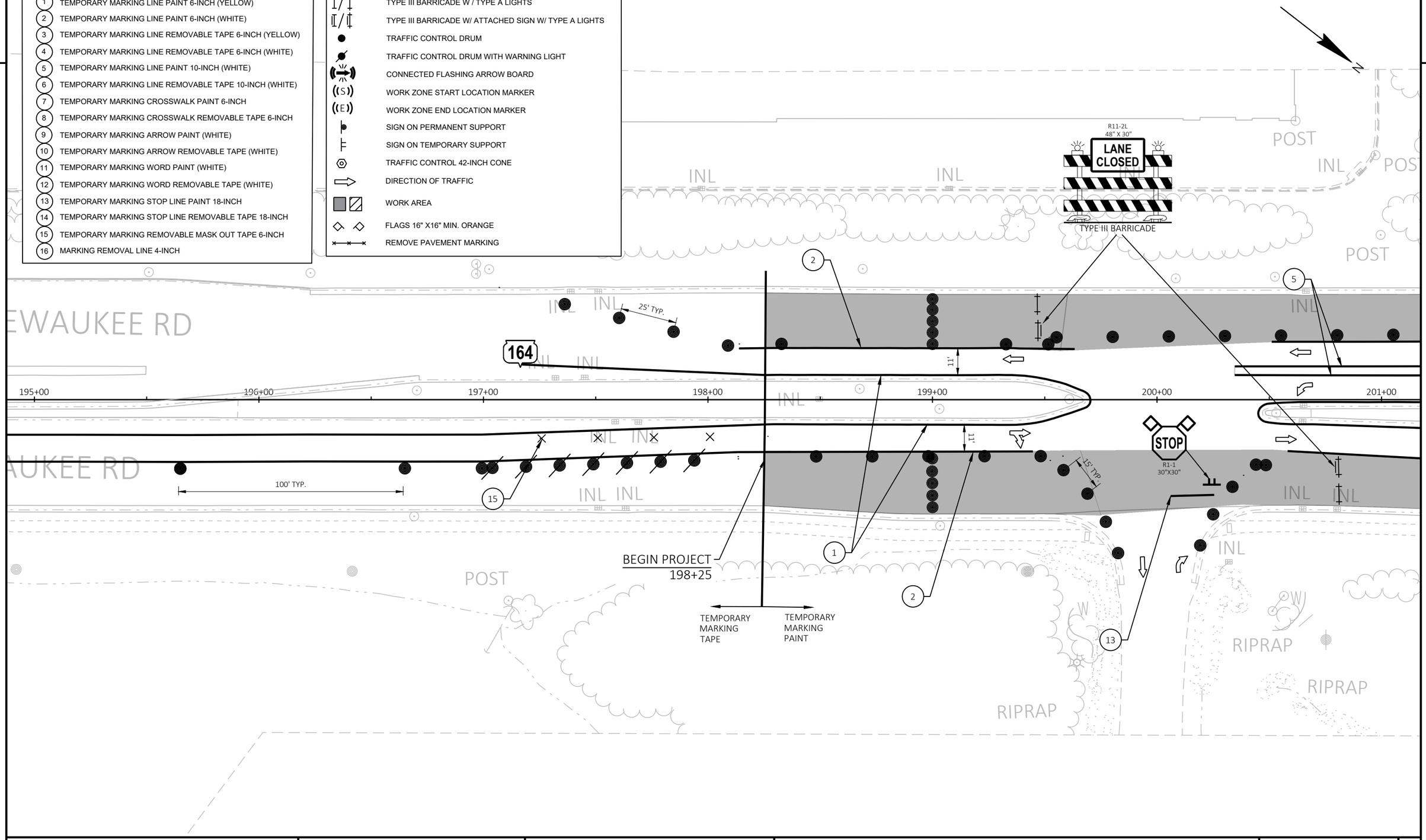
2

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING



PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL-PHASE 1-STAGE 3	SHEET 319	E

2

2

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
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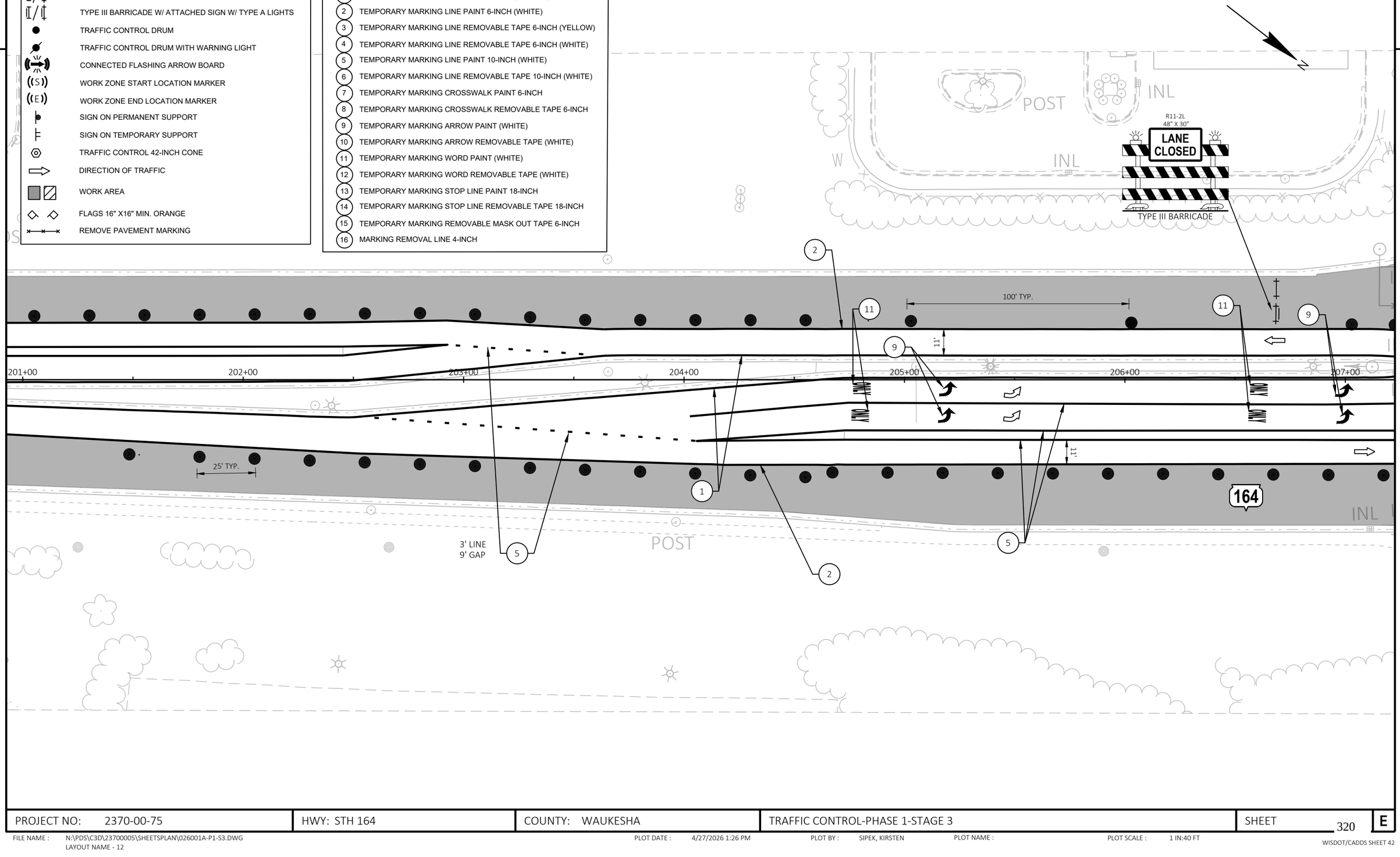
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH



PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL-PHASE 1-STAGE 3	SHEET 320	E

2

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

REFER TO PEDESTRIAN ACCOMODATIONS

25' TYP.

COSTCO DRIVE

STOP HERE ON RED
R10-6
24"X36"

3' LINE
9' GAP

164

STH 164/PEWAUKEE RD

11'

100' TYP.

207+00 208+00 209+00 210+00 211+00 212+00 213+00

INL POST W CANOPY

HINDU TEMPLE OF WISCONSIN

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

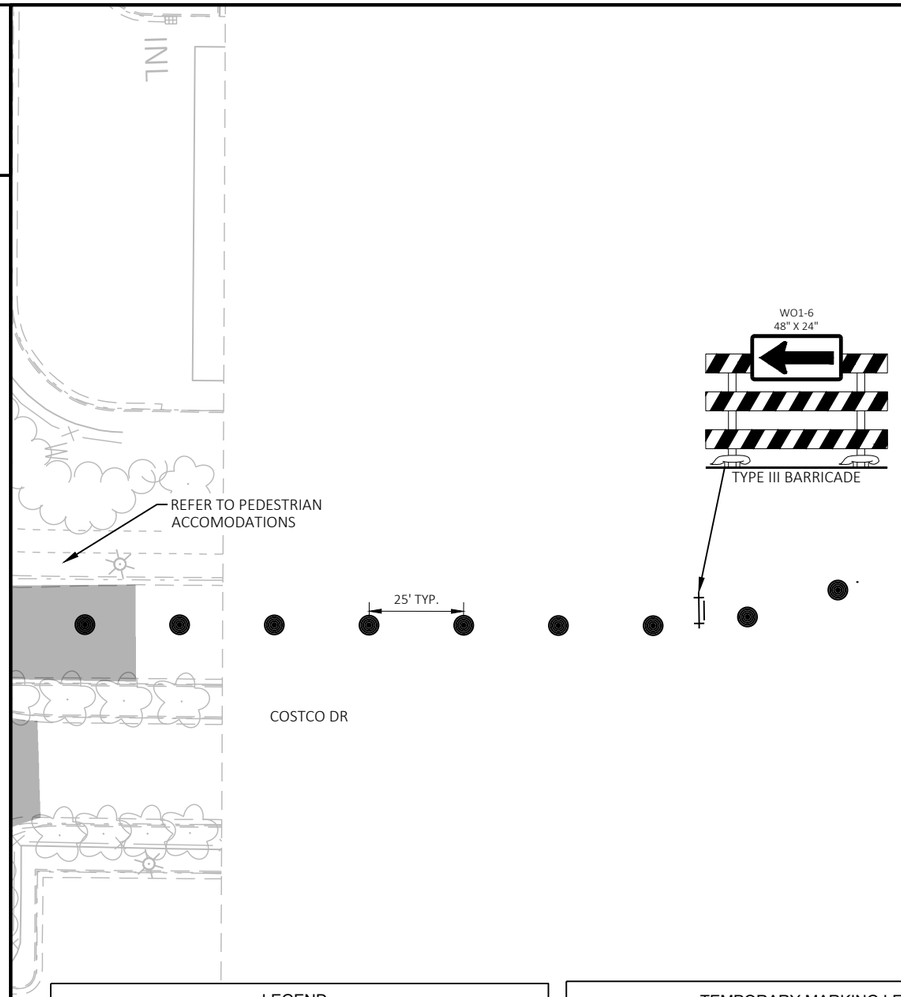
NOTES:

1. MEDIAN CURB RAMP SURFACE WILL BE ADJUSTED (LOWERED OR RAISED) TO MATCH WORK ZONE SURFACE UNTIL STAGE 4.
2. PROVIDE PEDESTRIAN SIGNAGE AND TEMPORARY DEVICES IN ACCORDANCE WITH SDD, "TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION" UNTIL ACCOMMODATIONS CAN BE PROVIDED VIA PERMANENT SIDEWALK PLACEMENT.
3. TEMPORARY PEDESTRIAN ACCOMMODATIONS SHALL BE IN PLACE PRIOR TO NEW CURB RAMP AND SIGNAL WORK BEGINNING.
4. REFER TO TRAFFIC CONTROL STAGING PLAN STAGE 3 FOR OTHER TRAFFIC CONTROL DETAILS

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL-PHASE 1-STAGE 3	SHEET 321	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P1-S3.DWG
LAYOUT NAME - 13
PLOT DATE : 4/27/2026 1:26 PM
PLOT BY : SIPEK, KIRSTEN
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2



LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL-PHASE 1-STAGE 3-COSTCO DR	SHEET 322	E

2

2

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

N

POST

POST

INL

GRATE

INL

GRATE

INL

GRATE

INL

GRATE

214+00

215+00

216+00

217+00

218+00

219+00

11'

11'

100' TYP.

2

1

164

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL-PHASE 1-STAGE 3	SHEET 323	E

2

2

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

N

POST

POST

POST

POST

POST

INL

INL

INL

INL

INL

INL

164

220+00

221+00

222+00

223+00

224+00

225+00

11'

11'

100' TYP.

1

2

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL-PHASE 1-STAGE 3	SHEET 324	E

2

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
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6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
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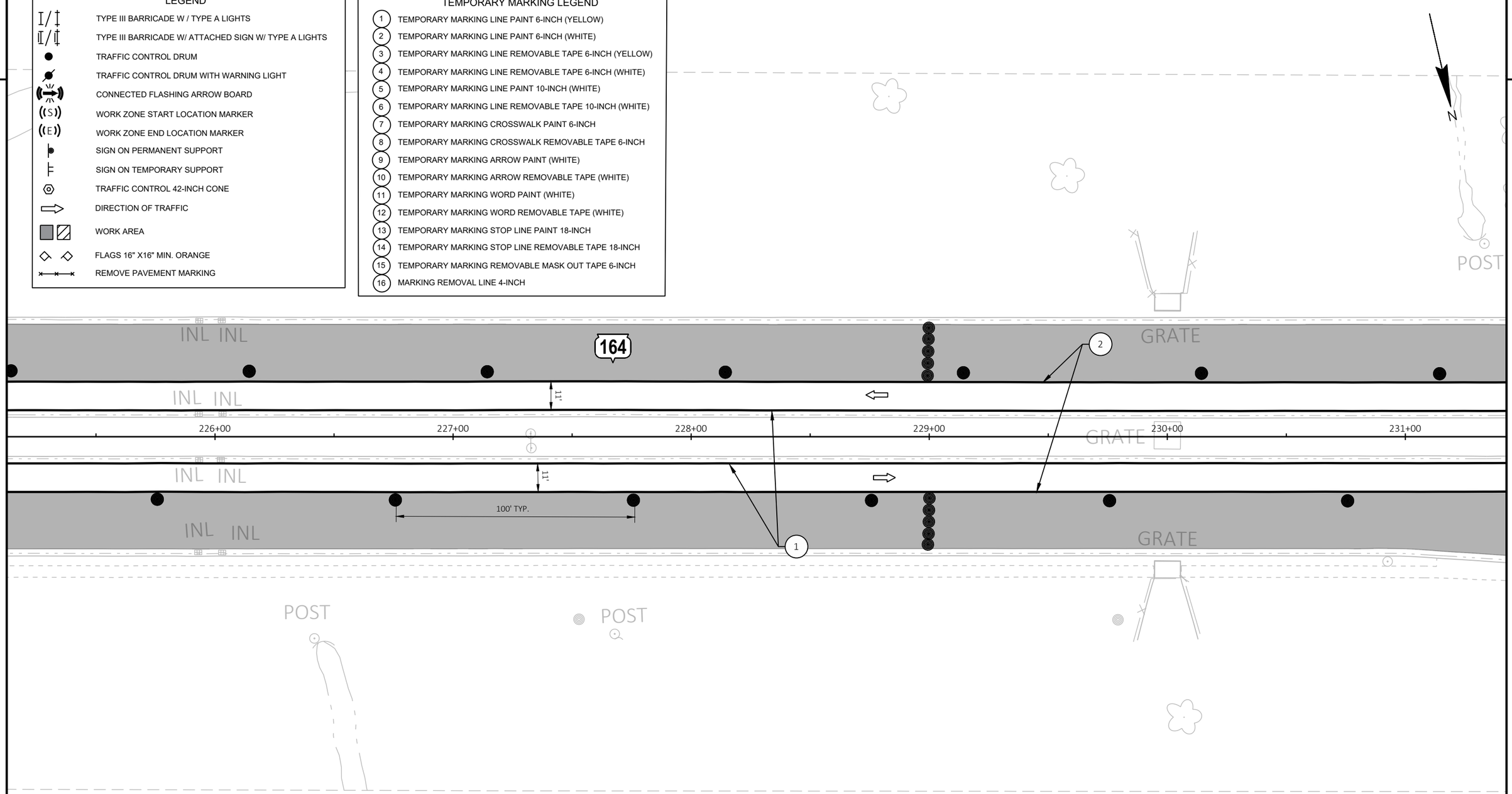
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH



PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL-PHASE 1-STAGE 3	SHEET 325	E

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
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7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
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9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
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13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

N

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

STH 164/PEWAUKEE RD

164

25' TYP.

232+00 233+00 234+00 235+00 236+00 237+00

11' 12' 11'

3' LINE
9' GAP

STOP
R1-1
30"X30"

100' TYP.

CHESTERWOOD LN
CHESTERWOOD LANE

PLACE IMMEDIATELY SOUTH OF LAUREATE DRIVE INTERSECTION

END ROAD WORK
G20-2A
48"X24"

ROAD WORK AHEAD
W20-1A

POST INL A/C

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL-PHASE 1-STAGE 3	SHEET 326	E

2

TEMPORARY MARKING LEGEND

1	TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2	TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3	TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4	TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5	TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6	TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7	TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8	TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9	TEMPORARY MARKING ARROW PAINT (WHITE)
10	TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11	TEMPORARY MARKING WORD PAINT (WHITE)
12	TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13	TEMPORARY MARKING STOP LINE PAINT 18-INCH
14	TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15	TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16	MARKING REMOVAL LINE 4-INCH

N

3' LINE
9' GAPS
5

POST

POST

164

11'

11'

238+00

239+00

240+00

241+00

242+00

243+00

100' TYP.

1

2

POST

POST

POST

3' LINE
9' GAPS
5

FLAG

CANOPY

W

W

LEGEND

	TYPE III BARRICADE W / TYPE A LIGHTS
	TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
	TRAFFIC CONTROL DRUM
	TRAFFIC CONTROL DRUM WITH WARNING LIGHT
	CONNECTED FLASHING ARROW BOARD
(S)	WORK ZONE START LOCATION MARKER
(E)	WORK ZONE END LOCATION MARKER
	SIGN ON PERMANENT SUPPORT
	SIGN ON TEMPORARY SUPPORT
	TRAFFIC CONTROL 42-INCH CONE
	DIRECTION OF TRAFFIC
	WORK AREA
	FLAGS 16" X16" MIN. ORANGE
	REMOVE PAVEMENT MARKING

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL-PHASE 1-STAGE 3	SHEET 327 E

2

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

N

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

ROAD WORK AHEAD
W20-1A

END ROAD WORK
G20-2A
48"X24"

STOP
R1-1
30"X30"

FAIRFIELD PLACE

STH 164/PEWAUKEE RD

164

LAKE PARK DRIVE

POST

INL

W

100' TYP.

125' TYP.

15' TYP.

260' TYP.

3' LINE
9' GAPS

244+00
245+00
246+00
247+00
248+00
249+00

11'
12'

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL-PHASE 1-STAGE 3	SHEET 328	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P1-S3.DWG
LAYOUT NAME - 19
PLOT DATE : 4/27/2026 1:27 PM
PLOT BY : SIPEK, KIRSTEN
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

2

TEMPORARY MARKING LEGEND

1	TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2	TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3	TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4	TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5	TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6	TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7	TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8	TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9	TEMPORARY MARKING ARROW PAINT (WHITE)
10	TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11	TEMPORARY MARKING WORD PAINT (WHITE)
12	TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13	TEMPORARY MARKING STOP LINE PAINT 18-INCH
14	TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15	TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16	MARKING REMOVAL LINE 4-INCH

POST

5 3' LINE 9' GAPS

INL

164

11'

2

100' TYP.

251+00

252+00

253+00

254+00

250+00

255+00

11'

1

W

A/C

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL-PHASE 1-STAGE 3	SHEET 329	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P1-S3.DWG
LAYOUT NAME - 20

PLOT DATE : 4/27/2026 1:27 PM PLOT BY : SIPEK, KIRSTEN PLOT NAME : PLOT SCALE : 1 IN:40 FT

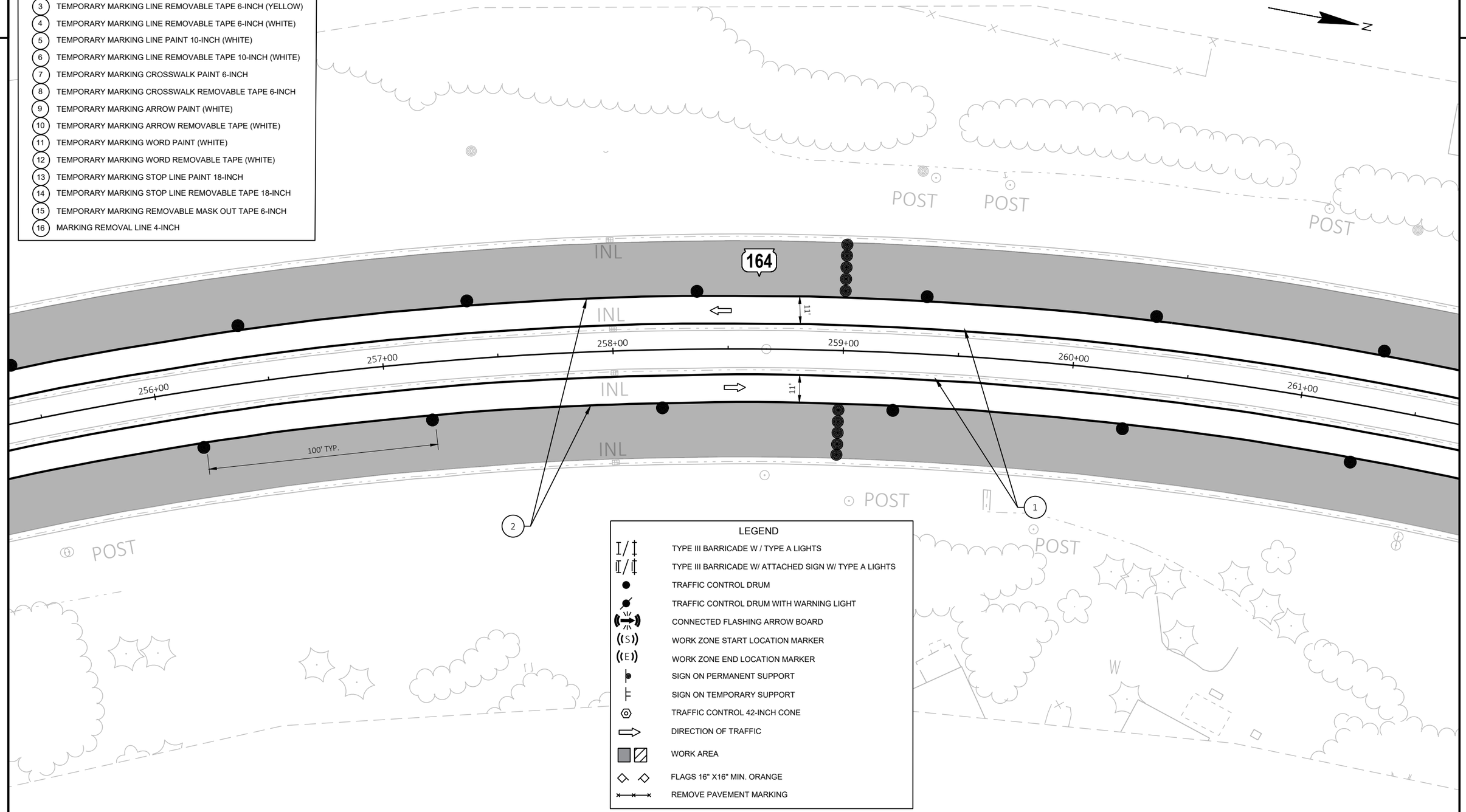
WISDOT/CADDS SHEET 42

2

2

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH



LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL-PHASE 1-STAGE 3	SHEET 330	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P1-S3.DWG
LAYOUT NAME - 21

PLOT DATE : 4/27/2026 1:28 PM PLOT BY : SIPEK, KIRSTEN PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

2

TEMPORARY MARKING LEGEND

1	TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2	TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3	TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4	TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5	TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6	TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7	TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8	TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9	TEMPORARY MARKING ARROW PAINT (WHITE)
10	TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11	TEMPORARY MARKING WORD PAINT (WHITE)
12	TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13	TEMPORARY MARKING STOP LINE PAINT 18-INCH
14	TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15	TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16	MARKING REMOVAL LINE 4-INCH

N

W

INL

INL

INL

INL

100' TYP.

100' TYP.

164

STH 164/PEWAUK

STH 164/PEWAUKE

262+00

263+00

264+00

265+00

266+00

267+00

11'

12'

11'

11'

2

1

2

POST

5

5

3' LINE
9' GAPS

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL-PHASE 1-STAGE 3	SHEET 331	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P1-S3.DWG
LAYOUT NAME - 22

PLOT DATE : 4/27/2026 1:28 PM PLOT BY : SIPEK, KIRSTEN PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

TEMPORARY MARKING LEGEND

1	TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2	TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3	TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4	TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5	TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6	TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7	TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8	TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9	TEMPORARY MARKING ARROW PAINT (WHITE)
10	TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11	TEMPORARY MARKING WORD PAINT (WHITE)
12	TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13	TEMPORARY MARKING STOP LINE PAINT 18-INCH
14	TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15	TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16	MARKING REMOVAL LINE 4-INCH

ROAD WORK AHEAD
W20-1A

END ROAD WORK
G20-2A
48"X24"

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

350' TYP.

15' TYP.

100' TYP.

3' LINE
9' GAPS

11'

12'

11'

164

268+00

269+00

270+00

271+00

272+00

273+00

STOP
R1-1
30"X30"

INL

POST

RIPRAP

LINDSAY ROAD

KEE RD

AUKEE RD

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

END ROAD WORK
G20-2A
48"X24"

ROAD WORK AHEAD
W20-1A

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL-PHASE 1-STAGE 3	SHEET 332	E

2

2

TEMPORARY MARKING LEGEND

1	TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2	TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3	TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4	TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5	TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6	TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7	TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8	TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9	TEMPORARY MARKING ARROW PAINT (WHITE)
10	TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11	TEMPORARY MARKING WORD PAINT (WHITE)
12	TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13	TEMPORARY MARKING STOP LINE PAINT 18-INCH
14	TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15	TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16	MARKING REMOVAL LINE 4-INCH

N

REMOVABLE TAPE TO BE USED OVER STRUCTURE DURING ALL STAGES UNTIL PERMANENT PAVEMENT MARKING IS PLACED

POST

POST

POST

RIPRAP

RIPRAP

RIPRAP

INL

INL

INL

INL

INL

INL

INL

164

11'

11'

274+00

275+00

276+00

277+00

278+00

279+00

100' TYP.

3

4

15

2

1

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL-PHASE 1-STAGE 3	SHEET 333	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P1-S3.DWG
LAYOUT NAME - 24
PLOT DATE : 4/27/2026 1:28 PM
PLOT BY : SIPEK, KIRSTEN
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

N

WO1-6
48" X 24"

TYPE III BARRICADE

15

3

4

164

INL

280+00 281+00 282+00 283+00 284+00 285+00

POST

TEMPORARY MARKING PAINT

TEMPORARY MARKING TAPE

(E)

END ROAD WORK
G20-2A
48"X24"

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- (S) WORK ZONE START LOCATION MARKER
- (E) WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL-PHASE 1-STAGE 3	SHEET 334	E

TEMPORARY MARKING LEGEND

1	TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2	TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3	TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4	TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5	TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6	TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7	TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8	TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9	TEMPORARY MARKING ARROW PAINT (WHITE)
10	TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11	TEMPORARY MARKING WORD PAINT (WHITE)
12	TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13	TEMPORARY MARKING STOP LINE PAINT 18-INCH
14	TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15	TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16	MARKING REMOVAL LINE 4-INCH

ROAD WORK AHEAD
W20-1A

7 STONES DRIVE

END ROAD WORK
G20-2A
48"X24"

350' TYP.

15' TYP.

164

STH 164/PEWAUK

286+00 287+00 288+00 289+00 290+00 291+00

STOP
R1-1
30"X30"

POST RIPRAP INL

RUINS

LEGEND

	TYPE III BARRICADE W / TYPE A LIGHTS
	TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
	TRAFFIC CONTROL DRUM
	TRAFFIC CONTROL DRUM WITH WARNING LIGHT
	CONNECTED FLASHING ARROW BOARD
(S)	WORK ZONE START LOCATION MARKER
(E)	WORK ZONE END LOCATION MARKER
	SIGN ON PERMANENT SUPPORT
	SIGN ON TEMPORARY SUPPORT
	TRAFFIC CONTROL 42-INCH CONE
	DIRECTION OF TRAFFIC
	WORK AREA
	FLAGS 16" X16" MIN. ORANGE
	REMOVE PAVEMENT MARKING

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL-PHASE 1-STAGE 3	SHEET 335	E

2

2

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

N

RIP

POST

AUKEE RD

INL

164

3

4

15

INL

292+00 293+00 294+00 295+00 296+00 297+00

POST

AUKEE RD

INL

3' LINE
9' GAPS

6

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL-PHASE 1-STAGE 3	SHEET 336	E

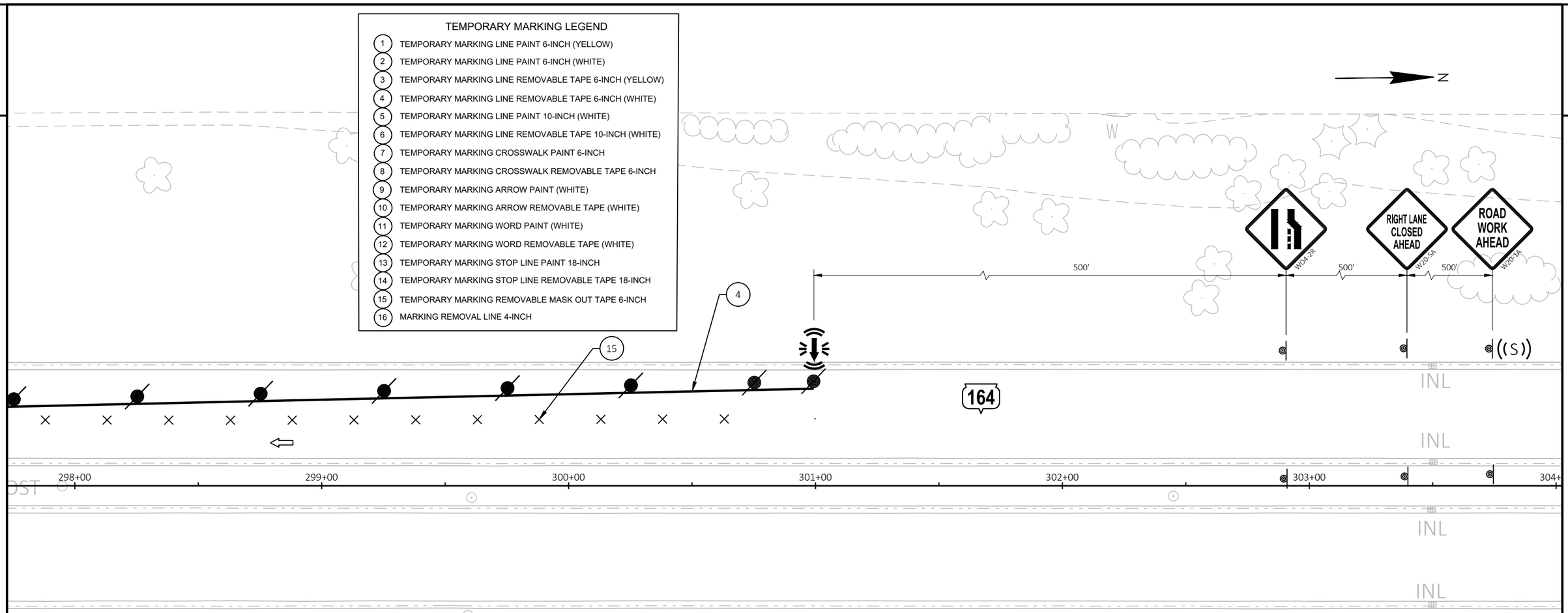
FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P1-S3.DWG
LAYOUT NAME - 27

PLOT DATE : 4/27/2026 1:29 PM PLOT BY : SIPEK, KIRSTEN PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

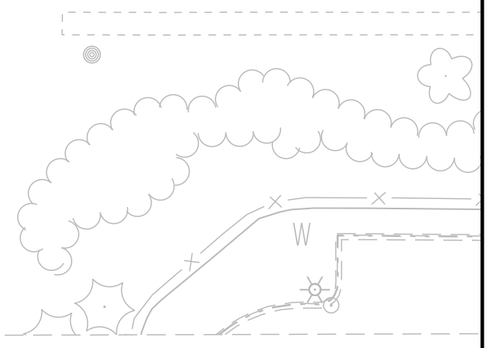
TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH



LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING



PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL-PHASE 1-STAGE 3	SHEET 337	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P1-S3.DWG
LAYOUT NAME - 28

PLOT DATE : 4/27/2026 1:29 PM PLOT BY : SIPEK, KIRSTEN PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

LEGEND

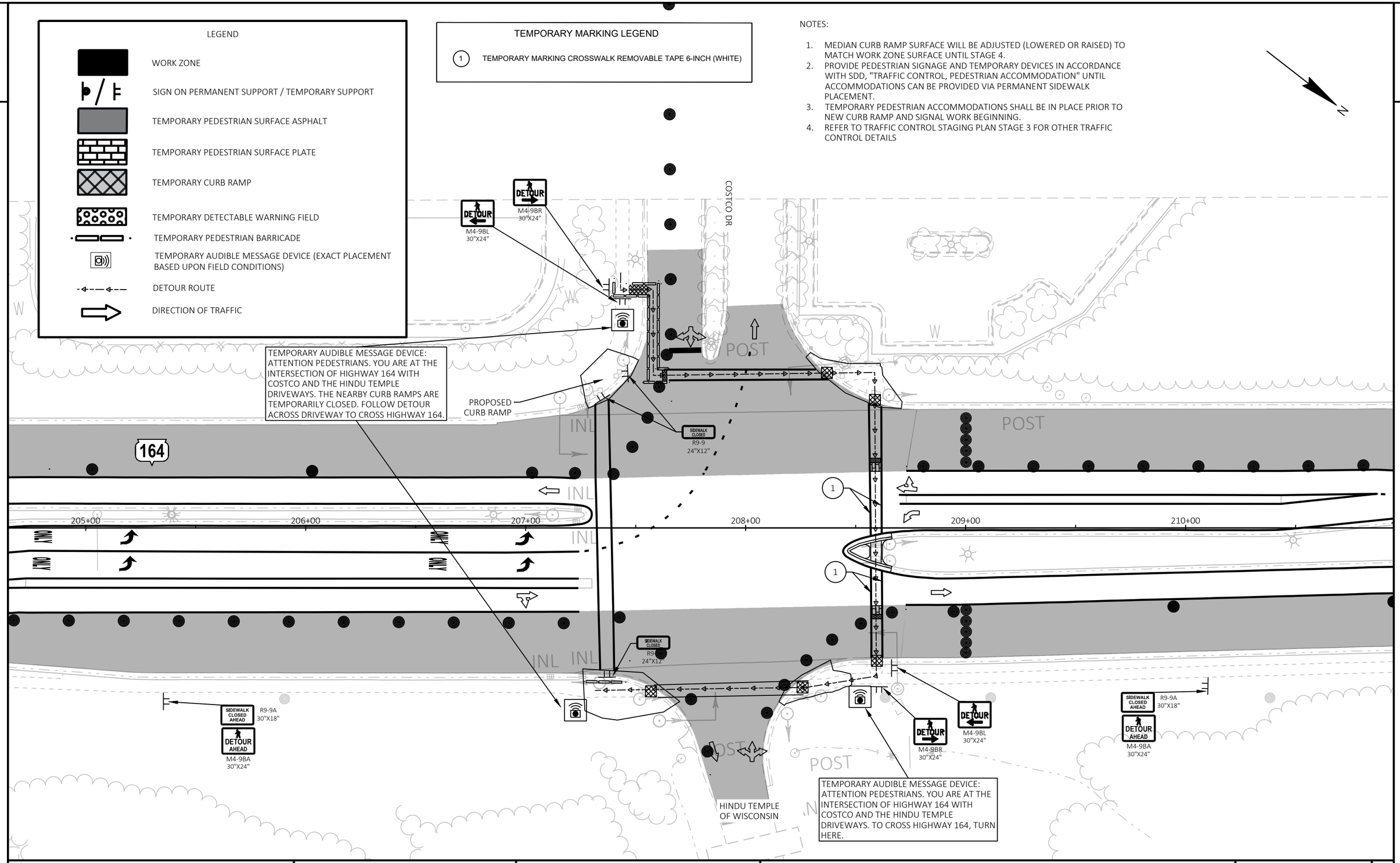
- WORK ZONE
- SIGN ON PERMANENT SUPPORT / TEMPORARY SUPPORT
- TEMPORARY PEDESTRIAN SURFACE ASPHALT
- TEMPORARY PEDESTRIAN SURFACE PLATE
- TEMPORARY CURB RAMP
- TEMPORARY DETECTABLE WARNING FIELD
- TEMPORARY PEDESTRIAN BARRICADE
- TEMPORARY AUDIBLE MESSAGE DEVICE (EXACT PLACEMENT BASED UPON FIELD CONDITIONS)
- DETOUR ROUTE
- DIRECTION OF TRAFFIC

TEMPORARY MARKING LEGEND

1 TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH (WHITE)

NOTES:

1. MEDIAN CURB RAMP SURFACE WILL BE ADJUSTED (LOWERED OR RAISED) TO MATCH WORK ZONE SURFACE UNTIL STAGE 4.
2. PROVIDE PEDESTRIAN SIGNAGE AND TEMPORARY DEVICES IN ACCORDANCE WITH SDD, "TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION" UNTIL ACCOMMODATIONS CAN BE PROVIDED VIA PERMANENT SIDEWALK PLACEMENT.
3. TEMPORARY PEDESTRIAN ACCOMMODATIONS SHALL BE IN PLACE PRIOR TO NEW CURB RAMP AND SIGNAL WORK BEGINNING.
4. REFER TO TRAFFIC CONTROL STAGING PLAN STAGE 3 FOR OTHER TRAFFIC CONTROL DETAILS



PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL-PEDESTRIAN-PHASE 1-STAGE 3	SHEET 338	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P1-S3.DWG
LAYOUT NAME - PED ACCOM-COSTCO DR-A

PLOT DATE : 4/27/2026 1:29 PM PLOT BY : SIPEK, KIRSTEN PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

LEGEND

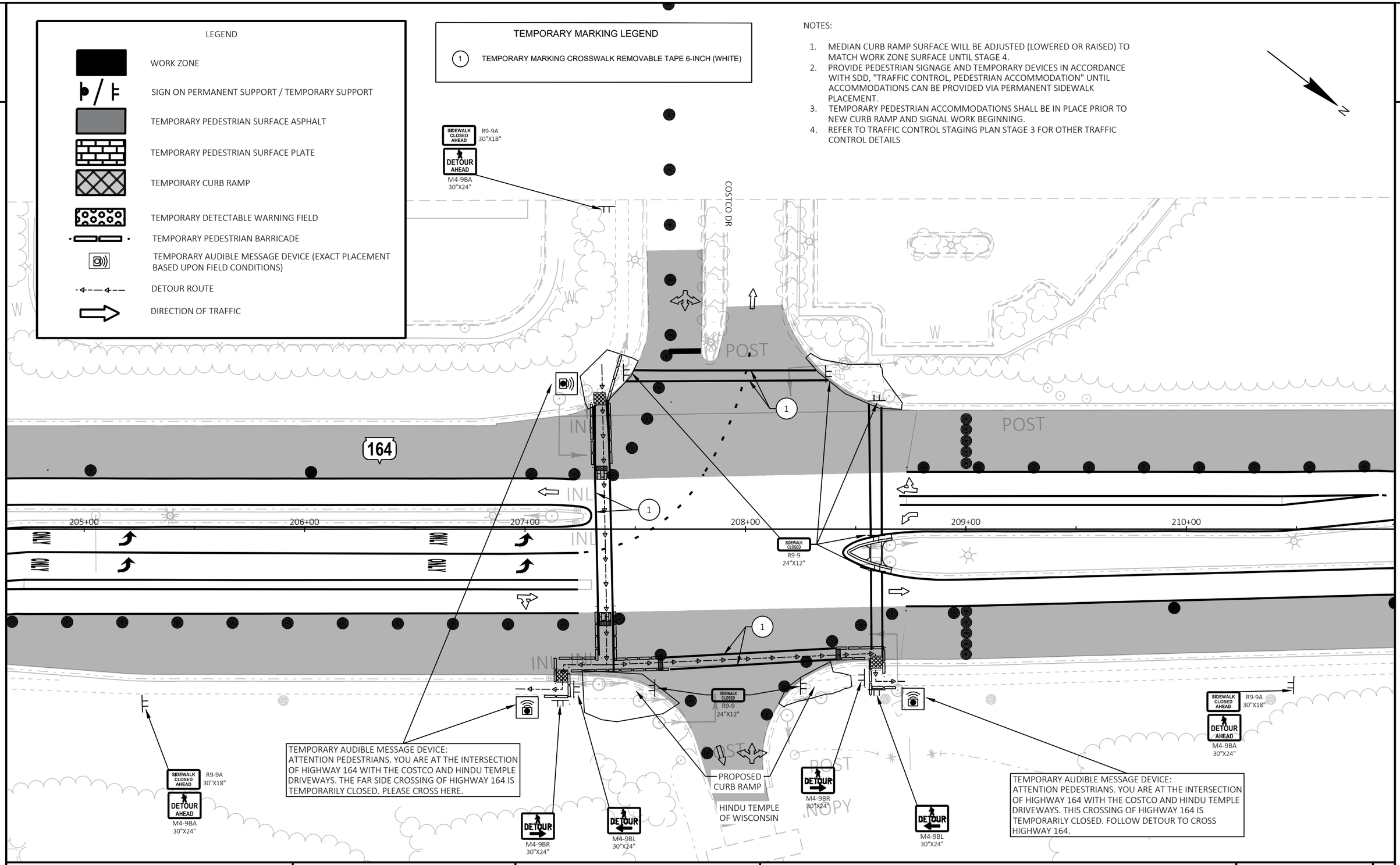
- WORK ZONE
- SIGN ON PERMANENT SUPPORT / TEMPORARY SUPPORT
- TEMPORARY PEDESTRIAN SURFACE ASPHALT
- TEMPORARY PEDESTRIAN SURFACE PLATE
- TEMPORARY CURB RAMP
- TEMPORARY DETECTABLE WARNING FIELD
- TEMPORARY PEDESTRIAN BARRICADE
- TEMPORARY AUDIBLE MESSAGE DEVICE (EXACT PLACEMENT BASED UPON FIELD CONDITIONS)
- DETOUR ROUTE
- DIRECTION OF TRAFFIC

TEMPORARY MARKING LEGEND

(1) TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH (WHITE)

NOTES:

1. MEDIAN CURB RAMP SURFACE WILL BE ADJUSTED (LOWERED OR RAISED) TO MATCH WORK ZONE SURFACE UNTIL STAGE 4.
2. PROVIDE PEDESTRIAN SIGNAGE AND TEMPORARY DEVICES IN ACCORDANCE WITH SDD, "TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION" UNTIL ACCOMMODATIONS CAN BE PROVIDED VIA PERMANENT SIDEWALK PLACEMENT.
3. TEMPORARY PEDESTRIAN ACCOMMODATIONS SHALL BE IN PLACE PRIOR TO NEW CURB RAMP AND SIGNAL WORK BEGINNING.
4. REFER TO TRAFFIC CONTROL STAGING PLAN STAGE 3 FOR OTHER TRAFFIC CONTROL DETAILS



PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL-PEDESTRIAN-PHASE 1-STAGE 3	SHEET 339	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P1-S3.DWG
LAYOUT NAME - PED ACCOM-COSTCO B

PLOT DATE : 4/27/2026 1:29 PM PLOT BY : SIPEK, KIRSTEN PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

LEGEND

- WORK ZONE
- SIGN ON PERMANENT SUPPORT / TEMPORARY SUPPORT
- TEMPORARY PEDESTRIAN SURFACE ASPHALT
- TEMPORARY PEDESTRIAN SURFACE PLATE
- TEMPORARY CURB RAMP
- TEMPORARY DETECTABLE WARNING FIELD
- TEMPORARY PEDESTRIAN BARRICADE
- TEMPORARY AUDIBLE MESSAGE DEVICE (EXACT PLACEMENT BASED UPON FIELD CONDITIONS)
- DETOUR ROUTE
- DIRECTION OF TRAFFIC

TEMPORARY MARKING LEGEND

(1) TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH (WHITE)

NOTES:

1. MEDIAN CURB RAMP SURFACE WILL BE ADJUSTED (LOWERED OR RAISED) TO MATCH WORK ZONE SURFACE UNTIL STAGE 4.
2. PROVIDE PEDESTRIAN SIGNAGE AND TEMPORARY DEVICES IN ACCORDANCE WITH SDD, "TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION" UNTIL ACCOMMODATIONS CAN BE PROVIDED VIA PERMANENT SIDEWALK PLACEMENT.
3. TEMPORARY PEDESTRIAN ACCOMMODATIONS SHALL BE IN PLACE PRIOR TO NEW CURB RAMP AND SIGNAL WORK BEGINNING.
4. REFER TO TRAFFIC CONTROL STAGING PLAN STAGE 3 FOR OTHER TRAFFIC CONTROL DETAILS

N

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

STH 164/PEWAUKEE RD

164

25' TYP.

11'
12'
11'

232+00 233+00 234+00 235+00 236+00 237+00

STOP
R1-1
30"X30"

13

1

SIDEWALK CLOSED
R9-9
24"X12"

SIDEWALK CLOSED AHEAD
R9-9A
30"X18"

DETOUR AHEAD
M4-9BA
30"X24"

DETOUR
M4-9BR
30"X24"

DETOUR
M4-9BL
30"X24"

DETOUR
M4-9BL
30"X24"

DETOUR
M4-9BR
30"X24"

20'

END ROAD WORK
G20-2A
48"X24"

CHESTERWOOD LANE

STOP
R1-1
30"X30"

ROAD WORK AHEAD
W20-1A

PLACE IMMEDIATELY SOUTH OF LAUREATE DRIVE INTERSECTION

SIDEWALK CLOSED AHEAD
R9-9A
30"X18"

DETOUR AHEAD
M4-9BA
30"X24"

TEMPORARY AUDIBLE MESSAGE DEVICE:
ATTENTION PEDESTRIANS. YOU ARE AT THE INTERSECTION OF HIGHWAY 164 AND CHESTERWOOD DRIVE. CURB RAMPS ARE UNDER CONSTRUCTION. FOLLOW TEMPORARY WALKWAY.

TEMPORARY AUDIBLE MESSAGE DEVICE:
ATTENTION PEDESTRIANS. YOU ARE AT THE INTERSECTION OF HIGHWAY 164 AND CHESTERWOOD DRIVE. CURB RAMPS ARE UNDER CONSTRUCTION. FOLLOW TEMPORARY WALKWAY.

POST INL INL INL INL INL INL A/C CANOPY FLAG

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL-PHASE 1-STAGE 3	SHEET 340	E

2

N

PEWAUKEE CITY HALL DRIVEWAY

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

151+00 152+00 153+00 154+00 155+00 156+00

164

GREEN RD

(S)

500' 500'

ROAD WORK AHEAD W20-1A

LEFT LANE CLOSED AHEAD W20-5SA

W04-2L

2

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL-PHASE 1-STAGE 4	SHEET 341	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P1-S4.DWG
LAYOUT NAME - 04

PLOT DATE : 4/27/2026 1:54 PM PLOT BY : SIPEK, KIRSTEN PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

2

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

N

156+00 157+00 158+00 159+00 160+00 161+00 162+00

164

ROUGH HILL RD

200' TYP.

ROAD WORK AHEAD W20-1A

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL-PHASE 1-STAGE 4	SHEET 342	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P1-S4.DWG
LAYOUT NAME - 05

PLOT DATE : 4/27/2026 1:54 PM PLOT BY : SIPEK, KIRSTEN PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

N

164

162+00 163+00 164+00 165+00 166+00 167+00

50' TYP.

25' TYP.

15 3 3 6

BEGIN LEFT TURN LANE
R3-20L
24"X36"

2

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL-PHASE 1-STAGE 4	SHEET 343	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P1-S4.DWG
LAYOUT NAME - 06

PLOT DATE : 4/27/2026 1:54 PM PLOT BY : SIPEK, KIRSTEN PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

N

167+00 168+00 169+00 170+00 171+00 172+00

15' TYP.

164

100' TYP.

25' TYP.

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

BEGIN LEFT TURN LANE
R3-20L
24"X36"

2

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL-PHASE 1-STAGE 4	SHEET 344	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P1-S4.DWG
LAYOUT NAME - 07

PLOT DATE : 4/27/2026 1:54 PM PLOT BY : SIPEK, KIRSTEN PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

N

172+00 173+00 174+00 175+00 176+00 177+00 178+00

164

25' TYP.

6

BEGIN LEFT TURN LANE

R3-20L
24"X36"

R11-2L
48" X 30"

LANE CLOSED

TYPE III BARRICADE

2

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL-PHASE 1-STAGE 4	SHEET 345	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P1-S4.DWG
LAYOUT NAME - 08

PLOT DATE : 4/27/2026 1:54 PM PLOT BY : SIPEK, KIRSTEN PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

2

N

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

END
ROAD WORK
G20-2A
48"X24"

190

164

82+00

83+00

84+00

85+00

178+00

179+00

180+00

181+00

182+00

183+00

25' TYP.

15' TYP.

100' TYP.

500' TYP.

ROAD
WORK
AHEAD
W20-1A

END
ROAD WORK
G20-2A
48"X24"

R11-2L
48" X 30"
LANE
CLOSED
TYPE III BARRICADE

TEMPORARY MARKING LEGEND

1	TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2	TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3	TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4	TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5	TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6	TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7	TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8	TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9	TEMPORARY MARKING ARROW PAINT (WHITE)
10	TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11	TEMPORARY MARKING WORD PAINT (WHITE)
12	TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13	TEMPORARY MARKING STOP LINE PAINT 18-INCH
14	TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15	TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16	MARKING REMOVAL LINE 4-INCH

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL-PHASE 1-STAGE 4	SHEET 346	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P1-S4.DWG
LAYOUT NAME - 09

PLOT DATE : 4/27/2026 1:55 PM PLOT BY : SIPEK, KIRSTEN PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

N

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

END ROAD WORK
G20-2A
48"X24"

BEGIN LEFT TURN LANE
R3-20L
24"X36"

190

ROAD WORK AHEAD
W20-1A

500' TYP.

25' TYP.

75+00 76+00 77+00 78+00 79+00 80+00 81+00

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL - PHASE 1 - STAGE 4 - CAPITOL DRIVE	SHEET 347	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P1-S4.DWG
LAYOUT NAME - 01-CAPITOL DR

PLOT DATE : 4/27/2026 1:55 PM PLOT BY : SIPEK, KIRSTEN PLOT NAME : PLOT SCALE : 1 IN:40 FT

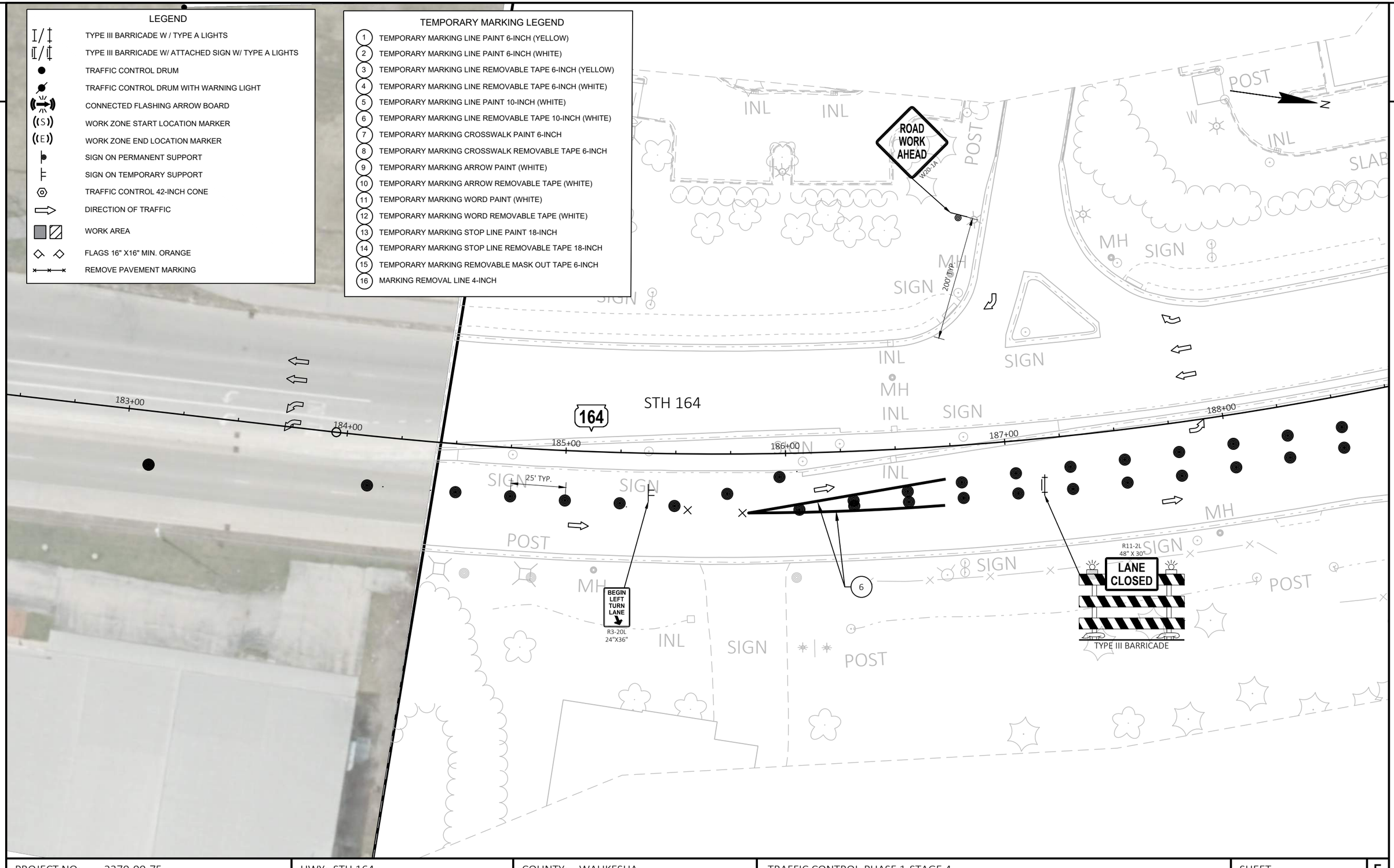
WISDOT/CADDS SHEET 42

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH



PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL-PHASE 1-STAGE 4	SHEET 348	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P1-S4.DWG
LAYOUT NAME - 10

PLOT DATE : 4/27/2026 1:55 PM PLOT BY : SIPEK, KIRSTEN PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

ROAD WORK AHEAD W20-1A

END ROAD WORK G20-2A 48"X24"

W01-6 48" X 24"

TYPE III BARRICADE

200' TYP.

MEADOW CREEK MARKET

R11-2L 48" X 30" LANE CLOSED

TYPE III BARRICADE

STH 164

164

188+00 189+00 190+00 191+00 192+00 193+00 194+00

25' TYP.

5' TYP.

500' TYP.

RIPRAP

SWAN ROAD

SWAN RD

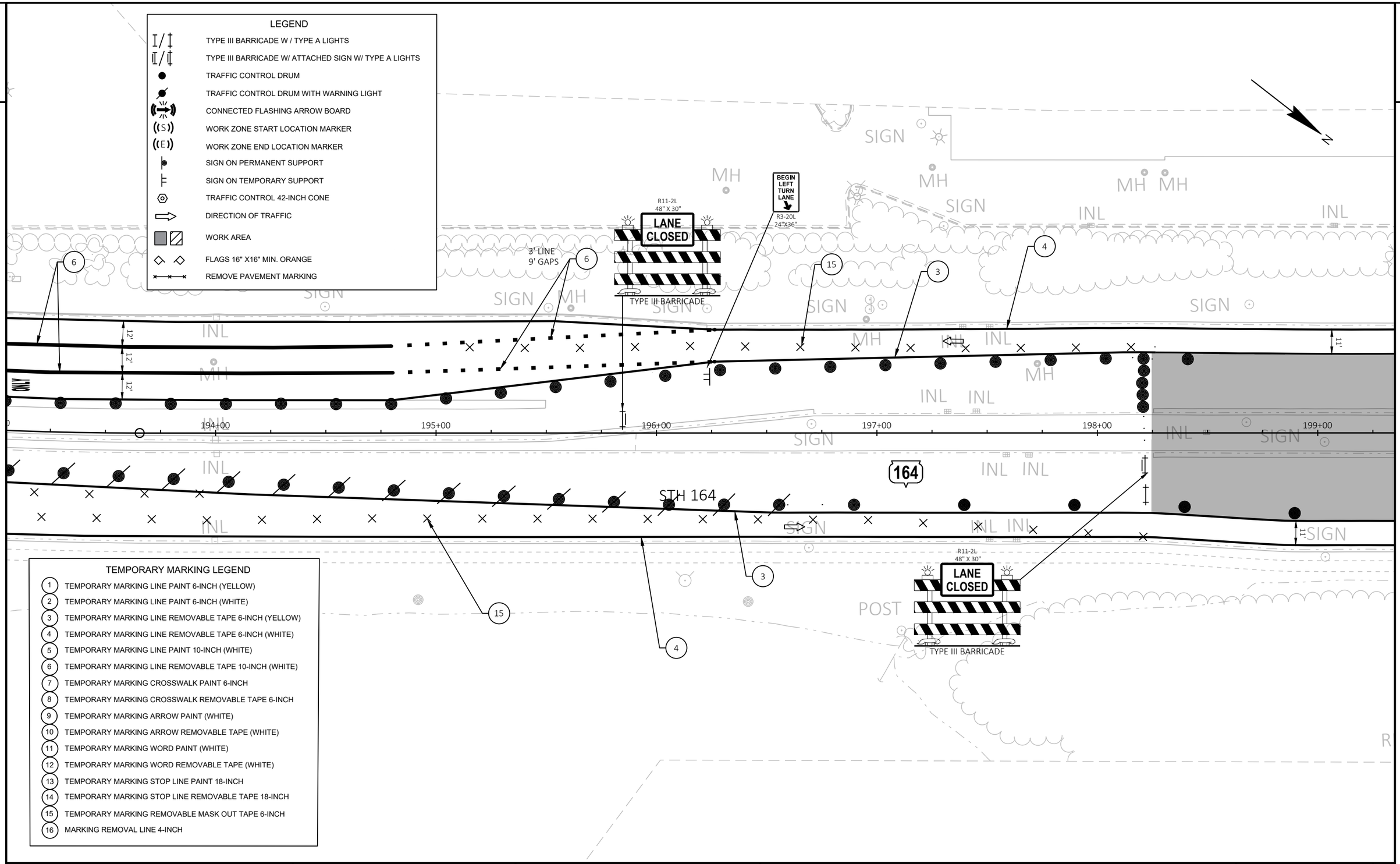
PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL-PHASE 1-STAGE 4	SHEET 349	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P1-S4.DWG
LAYOUT NAME - 11
PLOT DATE : 4/27/2026 1:55 PM
PLOT BY : SIPEK, KIRSTEN
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING



TEMPORARY MARKING LEGEND

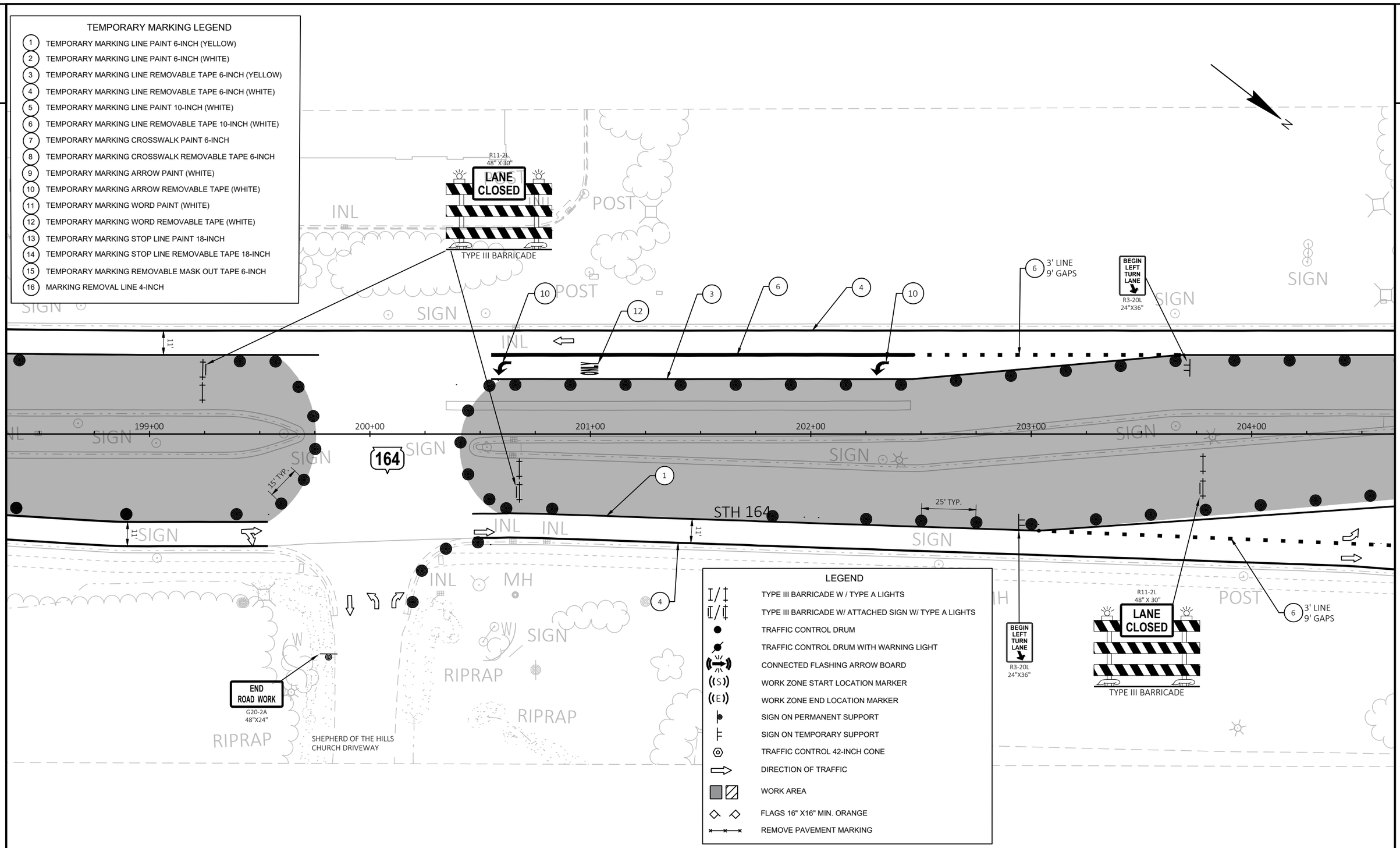
1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL-PHASE 1-STAGE 4	SHEET 350	E

2

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH



LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL-PHASE 1-STAGE 4	SHEET 351	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P1-S4.DWG
LAYOUT NAME - 13

PLOT DATE : 4/27/2026 1:56 PM PLOT BY : SIPEK, KIRSTEN PLOT NAME : PLOT SCALE : 1 IN:40 FT

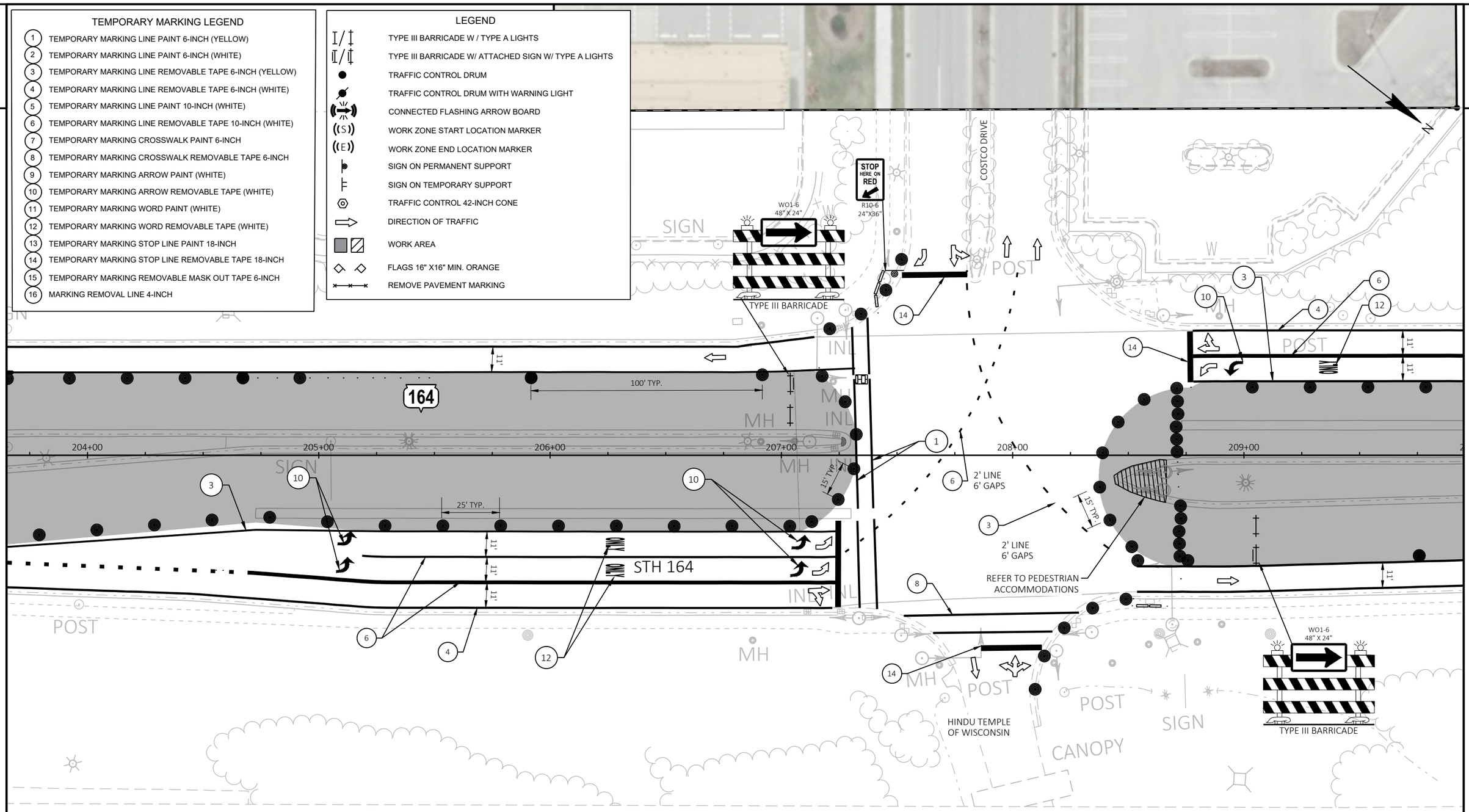
WISDOT/CADDS SHEET 42

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING



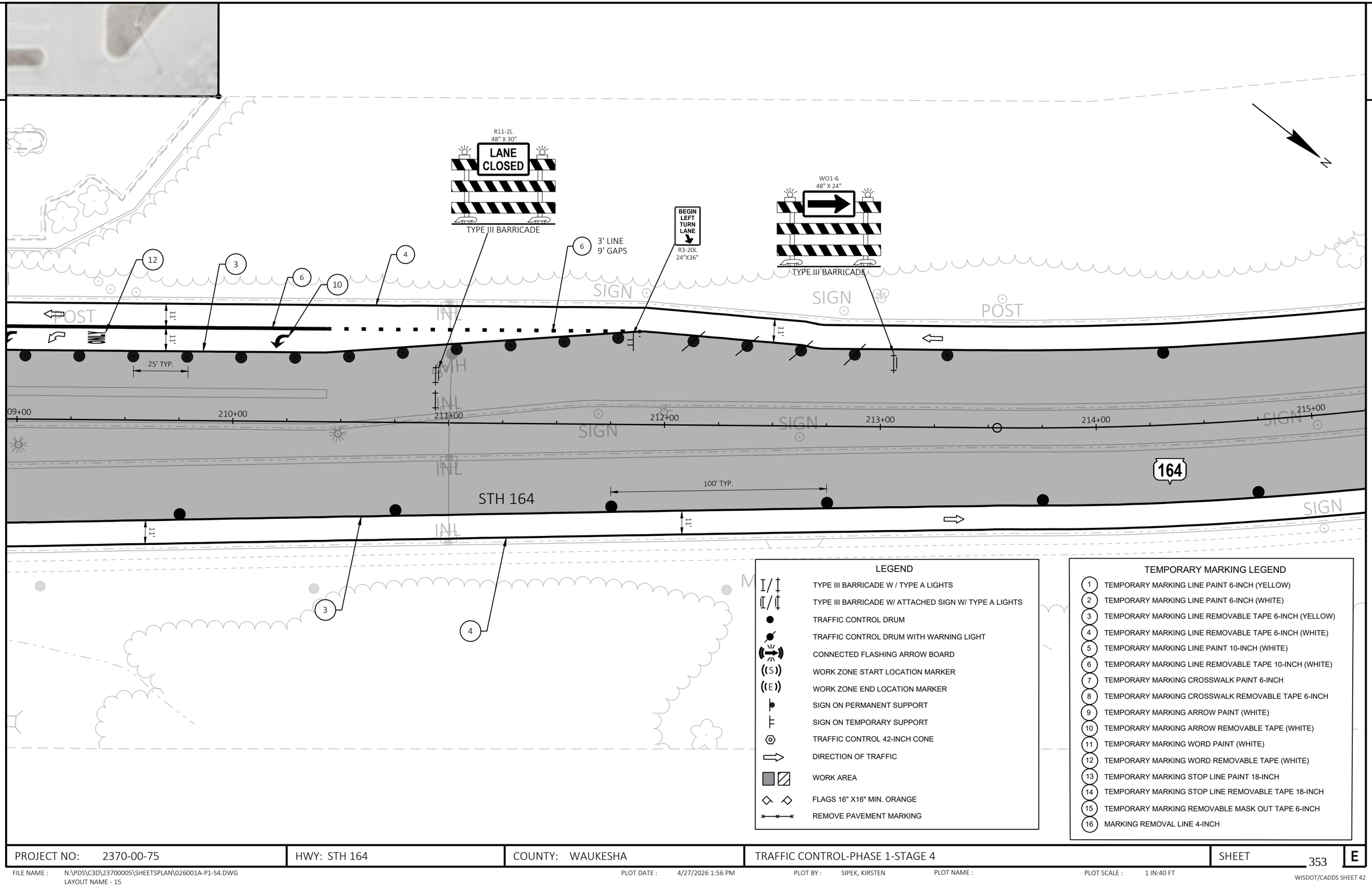
PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL-PHASE 1-STAGE 4	SHEET 352	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P1-S4.DWG
LAYOUT NAME - 14

PLOT DATE : 4/27/2026 1:56 PM PLOT BY : SIPEK, KIRSTEN PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2



LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL-PHASE 1-STAGE 4	SHEET 353	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P1-S4.DWG
LAYOUT NAME - 15
PLOT DATE : 4/27/2026 1:56 PM
PLOT BY : SIPEK, KIRSTEN
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

2

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

N

SIGN
INL
GRATE
MH
POST
215+00
216+00
217+00
218+00
219+00
220+00
11'
164
100' TYP.
STH 164
4
3

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL-PHASE 1-STAGE 4	SHEET 354	E

2

2

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

N

POST

POST

INL

INL

INL

INL

INL

INL

11'

11'

220+00

221+00

222+00

223+00

224+00

225+00

164

100' TYP.

STH 164

3

4

3

4

POST

POST

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL-PHASE 1-STAGE 4	SHEET 355	E

2

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

N

4
POST
3
INL INL
11'
GRATE
164
INL INL
225+00
226+00
227+00
SIGN
228+00
229+00
GRATE
230+00
231+00
100' TYP.
STH 164
INL INL
11'
GRATE
SIGN
3
POST
4
POST

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL-PHASE 1-STAGE 4	SHEET 356	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P1-S4.DWG
LAYOUT NAME - 18

PLOT DATE : 4/27/2026 1:57 PM PLOT BY : SIPEK, KIRSTEN PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

N

WO1-6
48" X 24"
TYPE III BARRICADE

WO1-6
48" X 24"
TYPE III BARRICADE

STH 164

231+00 232+00 233+00 234+00 235+00 236+00

11'

15' TYP.

25' TYP.

164

POST INL SIGN

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

END ROAD WORK
G20-2A
48"X24"

ROAD WORK AHEAD
W20-1A

CHESTERWOOD LN

MH

WO1-6
48" X 24"
TYPE III BARRICADE

PLACE IMMENDIATELY SOUTH OF LAUREATE DRIVE INTERSECTION

PROJECT NO: 2370-00-75	HWY: STH 165	COUNTY: WAUKESHA	TRAFFIC CONTROL-PHASE 1-STAGE 4	SHEET 357	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P1-S4.DWG
LAYOUT NAME - 19
PLOT DATE : 4/27/2026 1:57 PM
PLOT BY : SIPEK, KIRSTEN
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

N

BEGIN LEFT TURN LANE
R3-20L
24"X36"

3' LINE
9' GAPS

POST
SIGN
POST
POST

INL INL
INL INL
INL INL

11'
11'

25' TYP.
100' TYP.

STH 164
164

236+00
237+00
238+00
239+00
240+00
241+00

SIGN
SIGN

FLAG
CANOPY
A/C
A/C
W
W
W

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL-PHASE 1-STAGE 4	SHEET 358	E

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

2

N

ROAD WORK AHEAD
W20-1A

FAIRFIELD LN

END ROAD WORK
G20-2A
48"X24"

WO1-6
48" X 24"
TYPE III BARRICADE

125' TYP.

100' TYP.

164

242+00
243+00
244+00
245+00
246+00
247+00
241+00

15' TYP.

11'

25' TYP.

STH 164

3' LINE
9' GAPS

BEGIN LEFT TURN LANE
R3-20L
24"X36"

LAKE PARK DRIVE

END ROAD WORK
G20-2A
48"X24"

ROAD WORK AHEAD
W20-1A

WO1-6
48" X 24"
TYPE III BARRICADE

200'

SIGN
POST
INL
MH
W

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

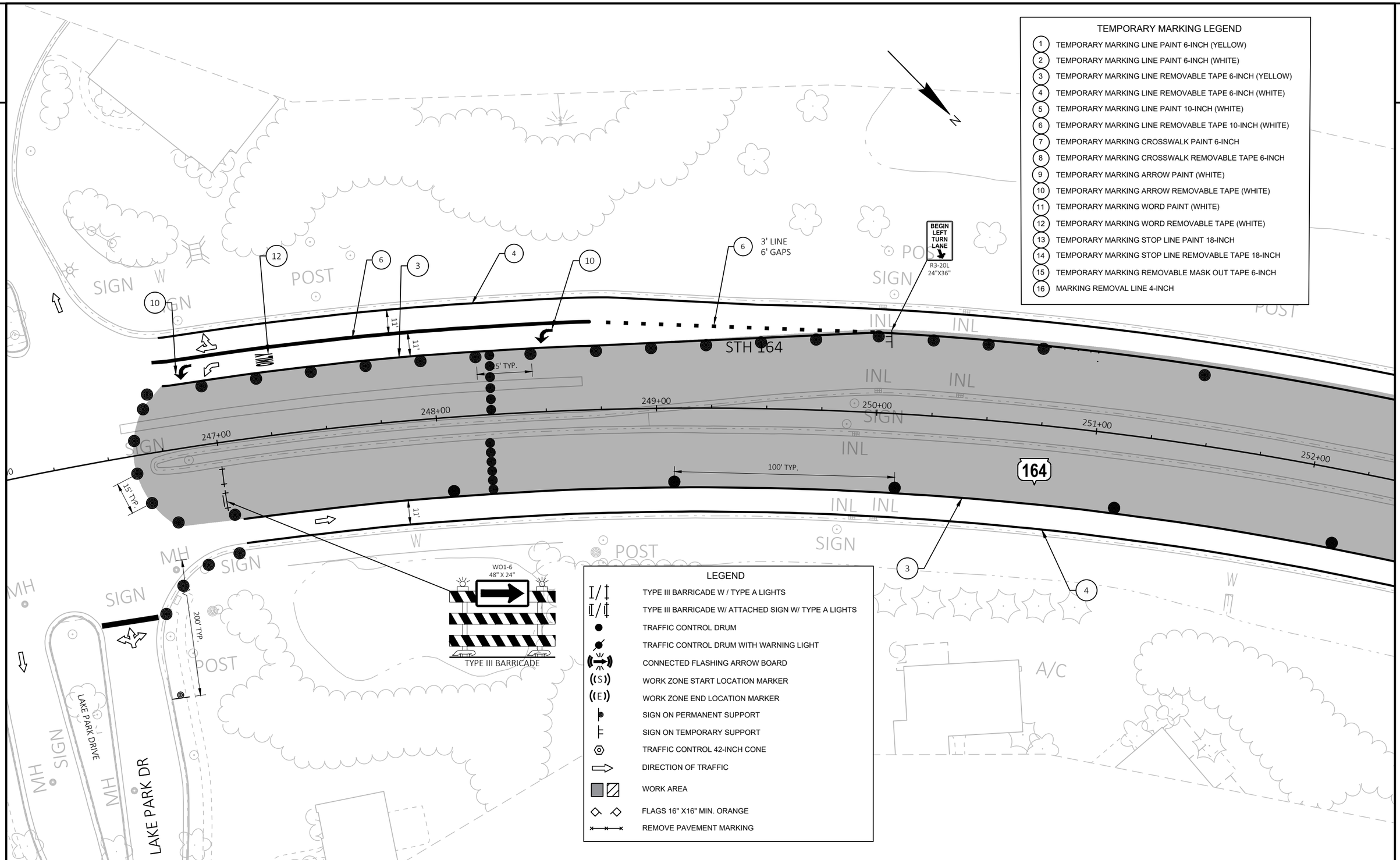
PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL-PHASE 1-STAGE 4	SHEET 359	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P1-S4.DWG
LAYOUT NAME - 21
PLOT DATE : 4/27/2026 1:57 PM
PLOT BY : SIPEK, KIRSTEN
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

TEMPORARY MARKING LEGEND

1	TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2	TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3	TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4	TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5	TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6	TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7	TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8	TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9	TEMPORARY MARKING ARROW PAINT (WHITE)
10	TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11	TEMPORARY MARKING WORD PAINT (WHITE)
12	TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13	TEMPORARY MARKING STOP LINE PAINT 18-INCH
14	TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15	TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16	MARKING REMOVAL LINE 4-INCH



LEGEND

	TYPE III BARRICADE W / TYPE A LIGHTS
	TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
	TRAFFIC CONTROL DRUM
	TRAFFIC CONTROL DRUM WITH WARNING LIGHT
	CONNECTED FLASHING ARROW BOARD
(S)	WORK ZONE START LOCATION MARKER
(E)	WORK ZONE END LOCATION MARKER
	SIGN ON PERMANENT SUPPORT
	SIGN ON TEMPORARY SUPPORT
	TRAFFIC CONTROL 42-INCH CONE
	DIRECTION OF TRAFFIC
	WORK AREA
	FLAGS 16" X16" MIN. ORANGE
	REMOVE PAVEMENT MARKING

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL-PHASE 1-STAGE 4	SHEET 360 E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P1-S4.DWG
LAYOUT NAME - 22

PLOT DATE : 4/27/2026 1:58 PM PLOT BY : SIPEK, KIRSTEN PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

2

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

POST

POST

SIGN

INL

11'

STH 164

164

INL

252+00

253+00

254+00

255+00

256+00

257+00

INL

100' TYP.

11'

INL

POST

4

3

4

3

W

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL-PHASE 1-STAGE 4	SHEET 361	E

2

2

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

N

POST POST POST

3 4

11'

164

INL INL INL INL INL INL INL

257+00 258+00 259+00 260+00 261+00 262+00

SIGN

100' TYP.

STH 164

11'

SIGN POST POST SIGN MH POST

4 3

W

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL-PHASE 1-STAGE 4	SHEET 362	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P1-S4.DWG
LAYOUT NAME - 24

PLOT DATE : 4/27/2026 1:58 PM PLOT BY : SIPEK, KIRSTEN PLOT NAME : PLOT SCALE : 1 IN:40 FT

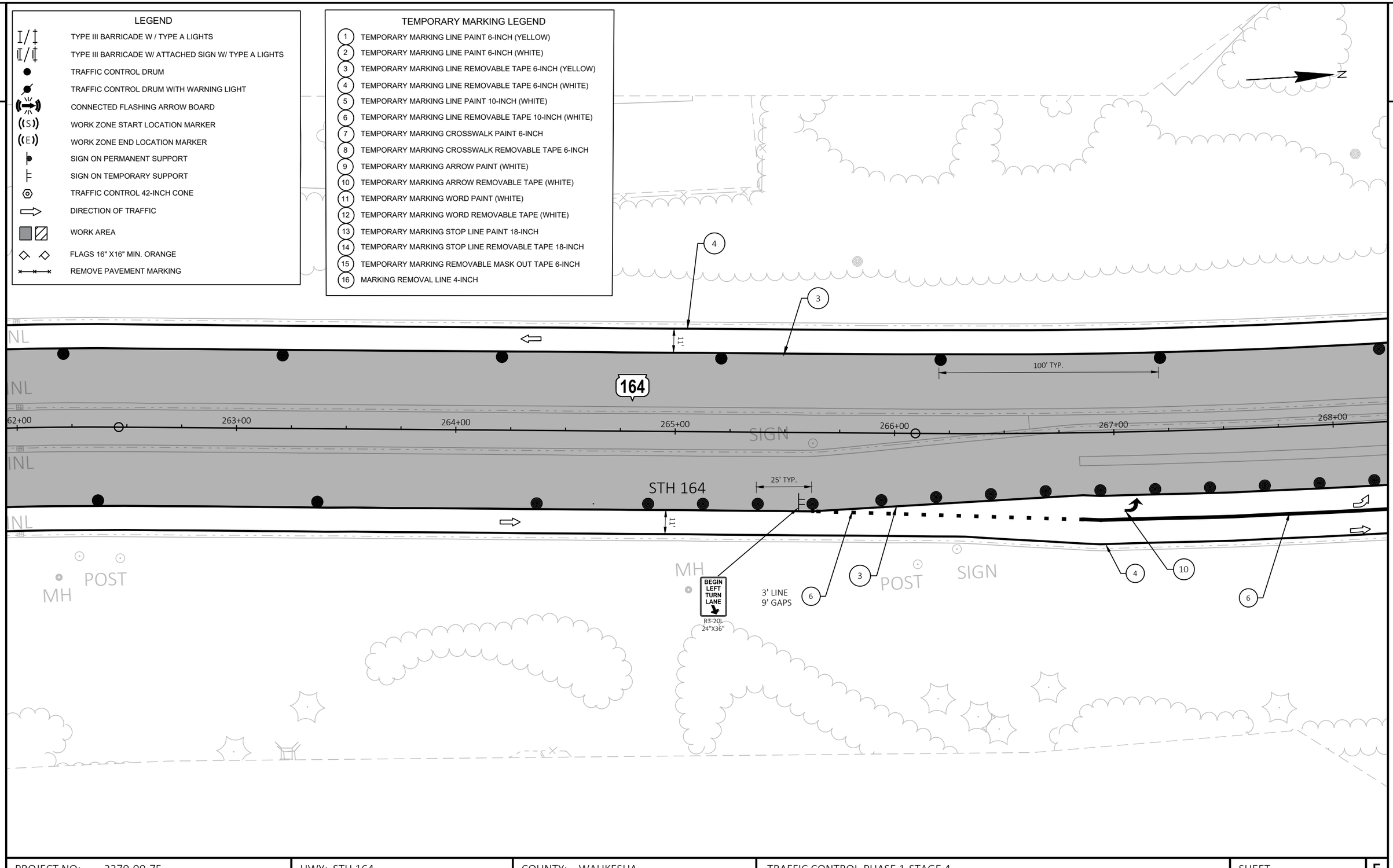
2

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH



2

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL-PHASE 1-STAGE 4	SHEET 363	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P1-S4.DWG
LAYOUT NAME - 25
PLOT DATE : 4/27/2026 1:58 PM
PLOT BY : SIPEK, KIRSTEN
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

N

ROAD WORK AHEAD
W20-2A

END ROAD WORK
G20-2A
48"X24"

WO1-6
48" X 24"
TYPE III BARRICADE

350' TYP.

14

SIGN
POST
INL

STH 164

25' TYP.

3' LINE
9' GAPS

BEGIN LEFT TURN LANE
R3-20L
24"X36"

11'

100' TYP.

15' TYP.

164

268+00
269+00
270+00
271+00
272+00
273+00

6
4
12
10
3

RIPRAP
MH

END ROAD WORK
G20-2A
48"X24"

LINDSAY RD
LINDSAY ROAD

ROAD WORK AHEAD
W20-2A

WO1-6
48" X 24"
TYPE III BARRICADE

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL-PHASE 1-STAGE 4	SHEET 364	E

2

2

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

N

BEGIN LEFT TURN LANE
R3-20L
24"X36"

REMOVABLE TAPE TO BE USED OVER STRUCTURE DURING ALL STAGES UNTIL PERMANENT PAVEMENT MARKING IS PLACED

15

3

4

11'

25' TYP.

SIGN

POST

POST

INL

MH

RIPRAP

INL

164

273+00

274+00

275+00

276+00

277+00

278+00

SIGN

INL

INL

100' TYP.

STH 164

INL

INL

11'

15

3

4

RIPRAP

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL-PHASE 1-STAGE 4	SHEET 365	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P1-S4.DWG
LAYOUT NAME - 27

PLOT DATE : 4/27/2026 1:59 PM PLOT BY : SIPEK, KIRSTEN PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

2

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

N

3

4

164

278+00 279+00 280+00 281+00 282+00 283+00 284+00

SIGN SIGN SIGN

INL INL INL INL INL INL

STH 164

3 4

POST POST POST POST POST POST

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL-PHASE 1-STAGE 4	SHEET 366	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P1-S4.DWG
LAYOUT NAME - 28

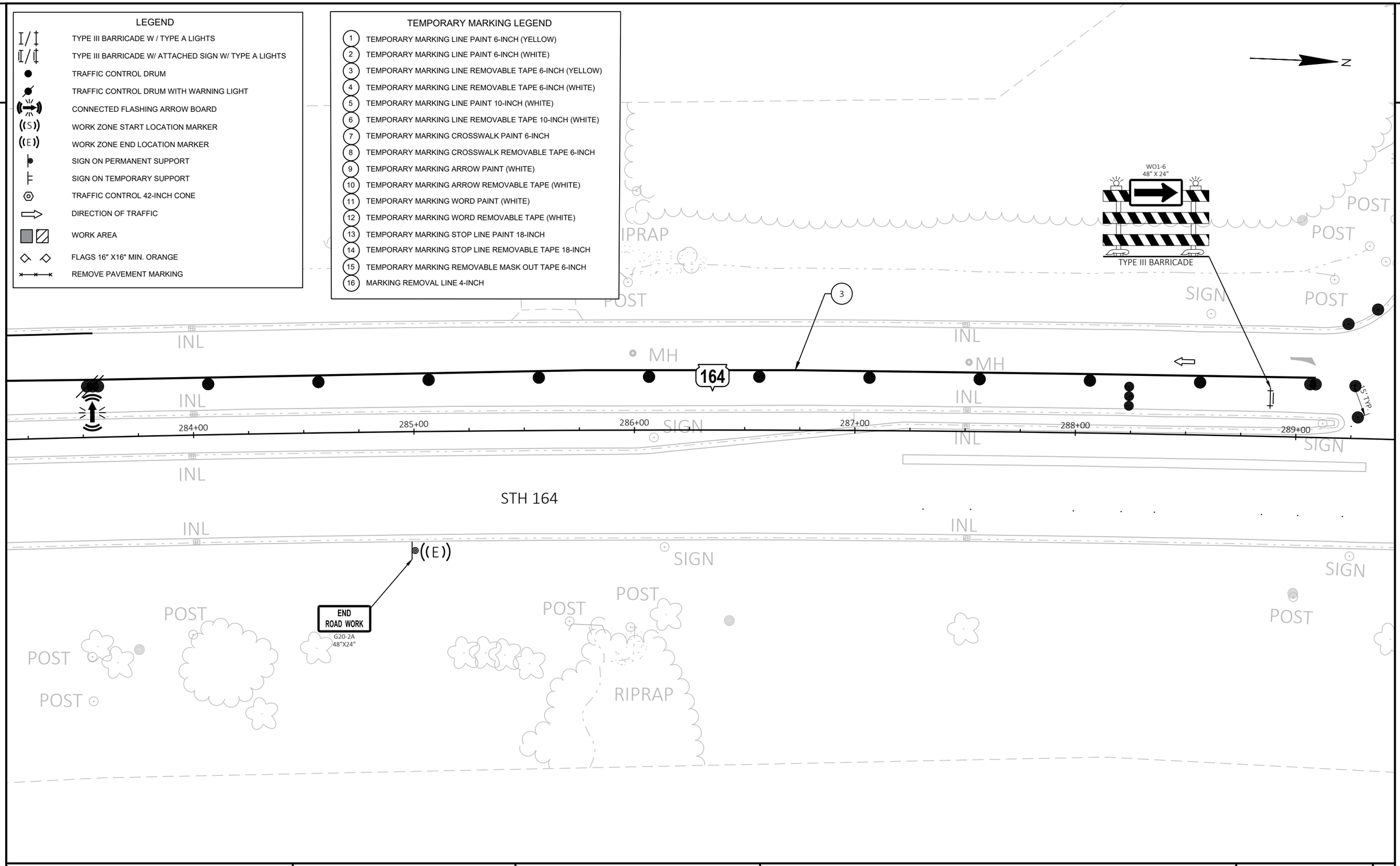
PLOT DATE : 4/27/2026 1:59 PM PLOT BY : SIPEK, KIRSTEN PLOT NAME : PLOT SCALE : 1 IN:40 FT

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH



STH 164

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL-PHASE 1-STAGE 4	SHEET 367	E

2

N

ROAD WORK AHEAD
W20-1A

WO1-6
48" X 24"

TYPE III BARRICADE

350' TYP.

END ROAD WORK
G20-2A
48"X24"

SEVEN STONE ROAD

3

289+00 290+00 291+00 292+00 293+00 294+00

STH 164

164

RIPRAP

RUINS

POST SIGN MH INL W

LEGEND

	TYPE III BARRICADE W / TYPE A LIGHTS
	TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
	TRAFFIC CONTROL DRUM
	TRAFFIC CONTROL DRUM WITH WARNING LIGHT
	CONNECTED FLASHING ARROW BOARD
(S)	WORK ZONE START LOCATION MARKER
(E)	WORK ZONE END LOCATION MARKER
	SIGN ON PERMANENT SUPPORT
	SIGN ON TEMPORARY SUPPORT
	TRAFFIC CONTROL 42-INCH CONE
	DIRECTION OF TRAFFIC
	WORK AREA
	FLAGS 16" X16" MIN. ORANGE
	REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL-PHASE 1-STAGE 4	SHEET 368	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P1-S4.DWG
LAYOUT NAME - 30
PLOT DATE : 4/27/2026 2:00 PM
PLOT BY : SIPEK, KIRSTEN
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

N

2

SIGN

INL

MH

INL

3

294+00 295+00 296+00 297+00 298+00 299+00 300+0

POST

SIGN

INL

164

STH 164

INL

SIGN

SIGN

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL-PHASE 1-STAGE 4	SHEET 369	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P1-S4.DWG
LAYOUT NAME - 31

PLOT DATE : 4/27/2026 2:00 PM PLOT BY : SIPEK, KIRSTEN PLOT NAME : PLOT SCALE : 1 IN:40 FT

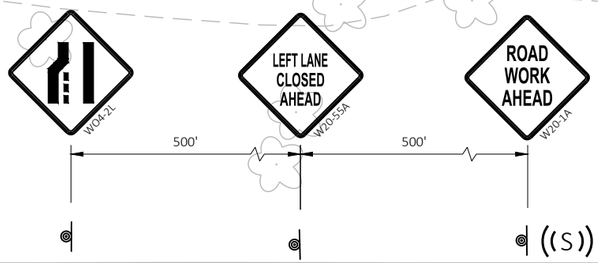
WISDOT/CADDS SHEET 42

2

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

N



W

SIGN

RIPRAP

INL

MH

INL

300+00 301+00 302+00 303+00 304+00 305+00

SIGN SIGN

INL

164 STH 164

INL

SIGN SIGN SIGN

POST

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

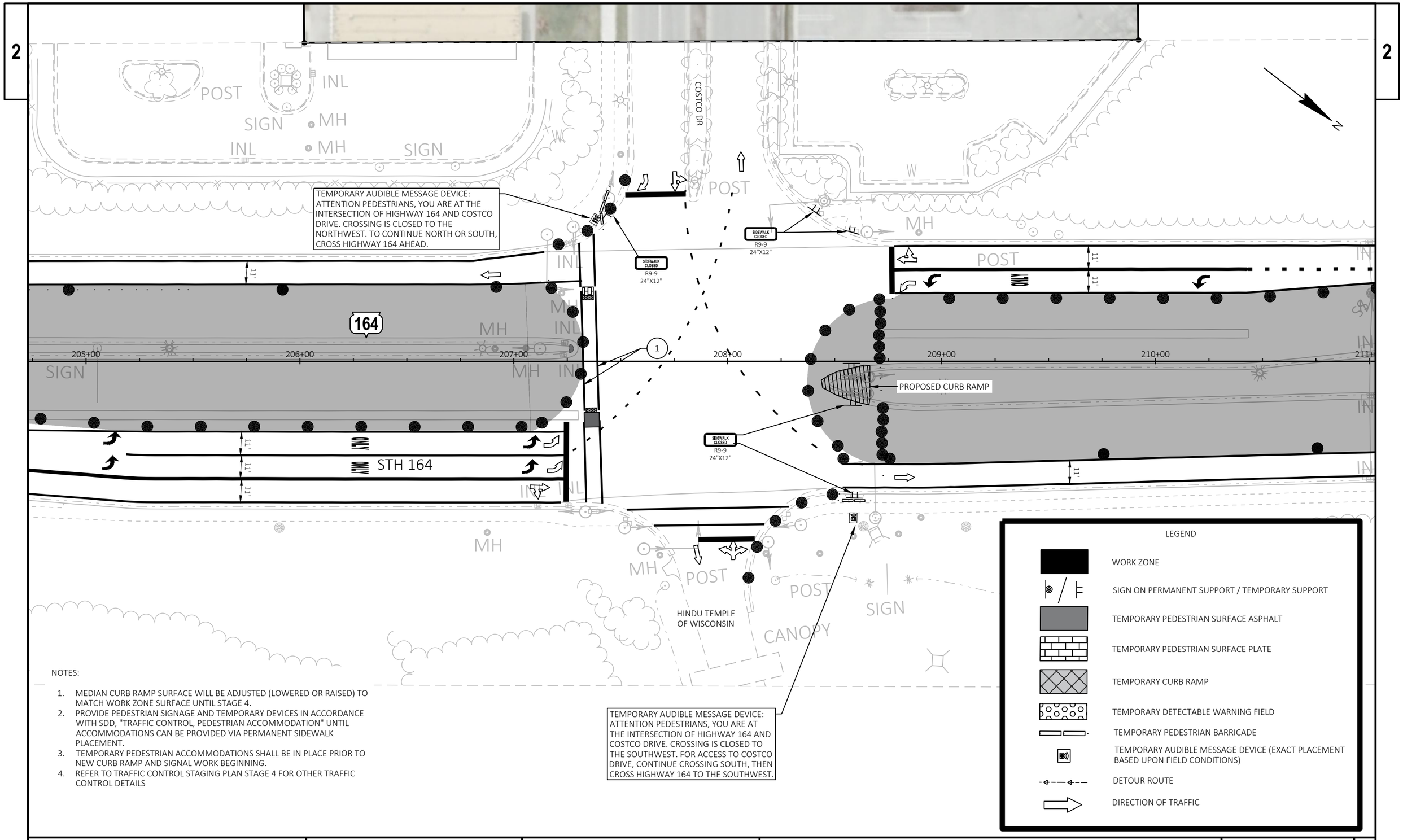
SIGN

W

INL

SIGN

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL-PHASE 1-STAGE 4	SHEET 370	E



NOTES:

1. MEDIAN CURB RAMP SURFACE WILL BE ADJUSTED (LOWERED OR RAISED) TO MATCH WORK ZONE SURFACE UNTIL STAGE 4.
2. PROVIDE PEDESTRIAN SIGNAGE AND TEMPORARY DEVICES IN ACCORDANCE WITH SDD, "TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION" UNTIL ACCOMMODATIONS CAN BE PROVIDED VIA PERMANENT SIDEWALK PLACEMENT.
3. TEMPORARY PEDESTRIAN ACCOMMODATIONS SHALL BE IN PLACE PRIOR TO NEW CURB RAMP AND SIGNAL WORK BEGINNING.
4. REFER TO TRAFFIC CONTROL STAGING PLAN STAGE 4 FOR OTHER TRAFFIC CONTROL DETAILS

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL-PEDESTRIAN-PHASE 1-STAGE 4	SHEET 371	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P1-S4.DWG
LAYOUT NAME - PED ACCOM- COSTCO DR

PLOT DATE : 4/27/2026 2:01 PM PLOT BY : SIPEK, KIRSTEN PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

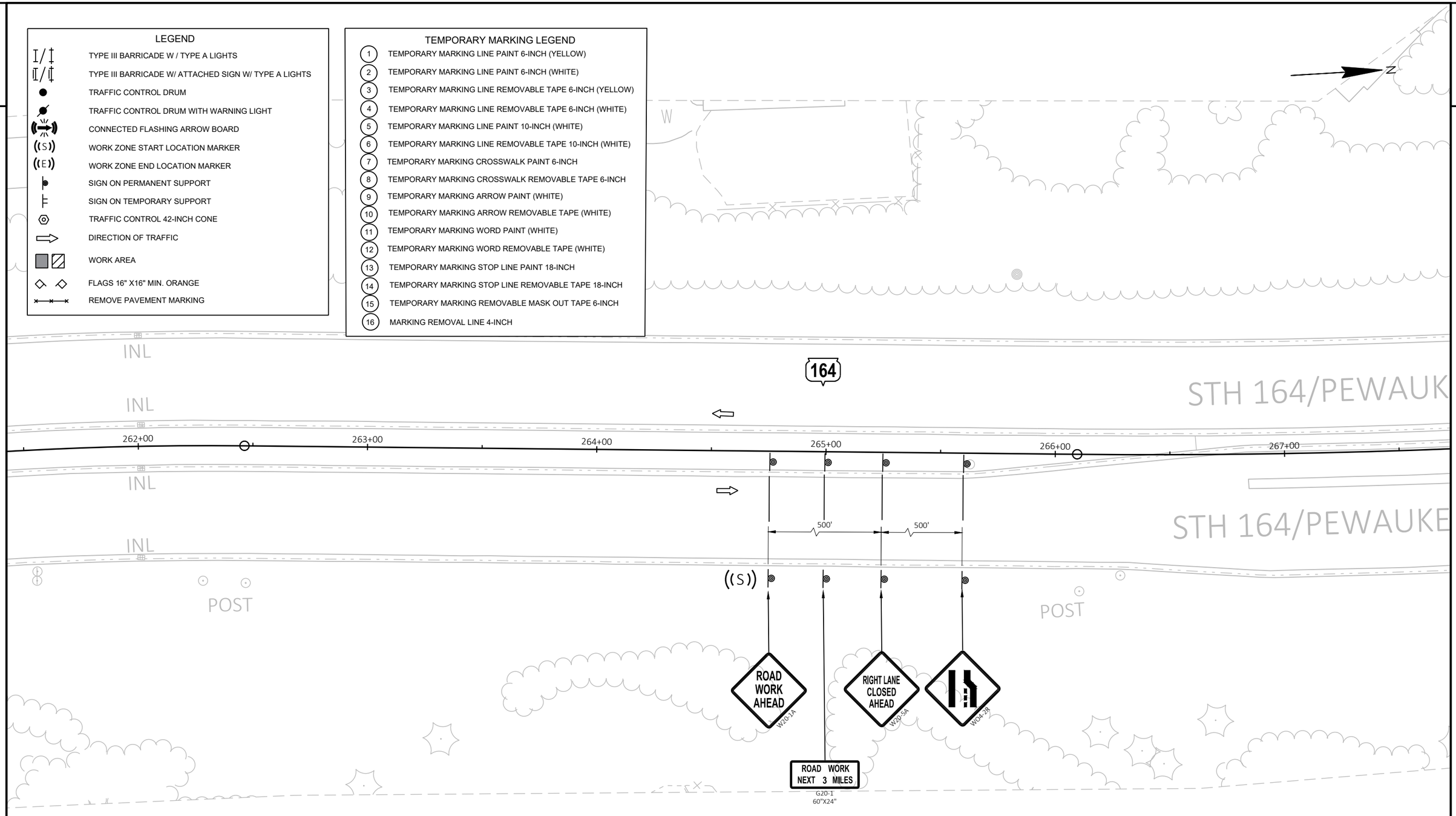
2

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

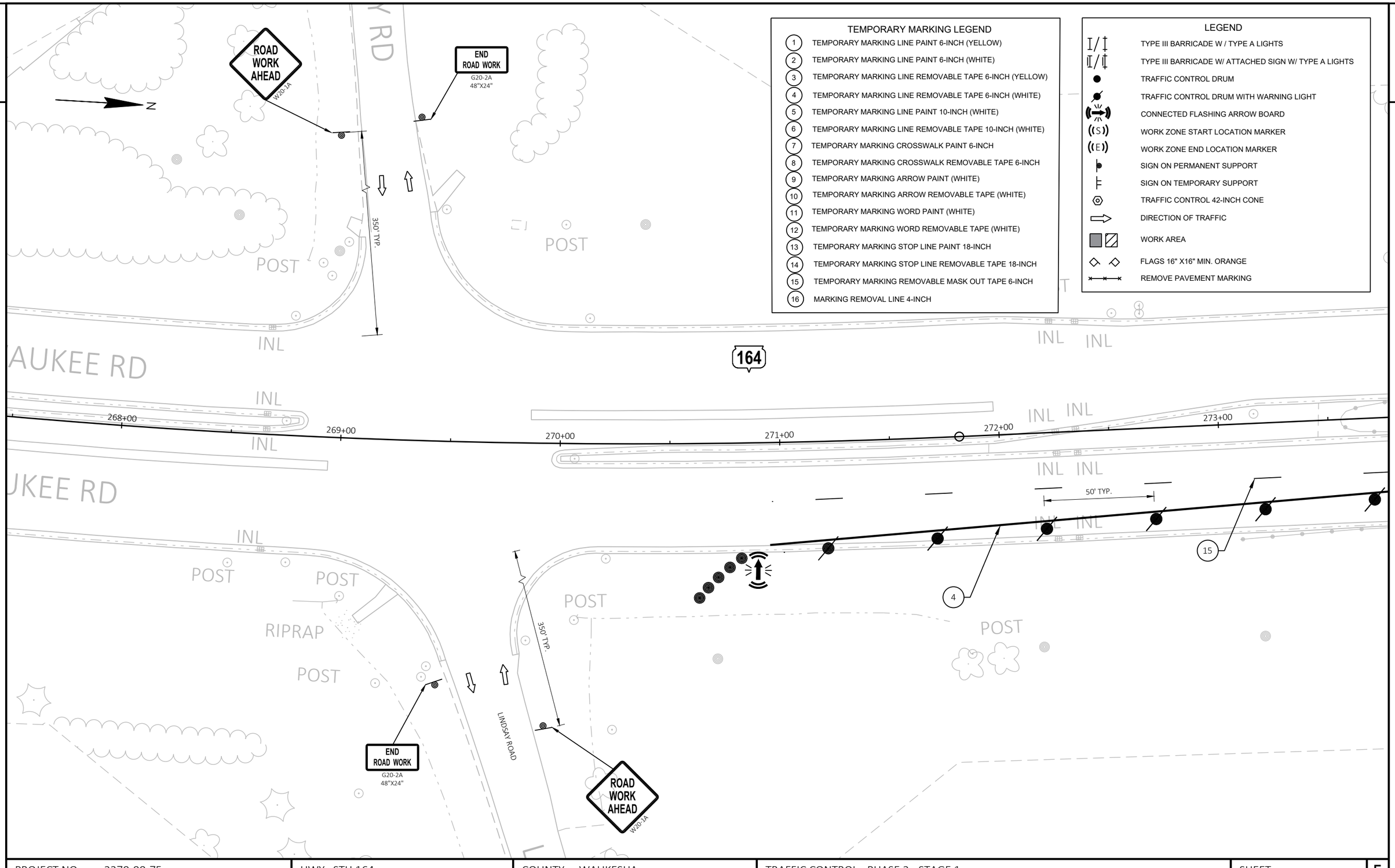
TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH



PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL - PHASE 2 - STAGE 1	SHEET 372	E

2



TEMPORARY MARKING LEGEND

1	TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2	TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3	TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4	TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5	TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6	TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7	TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8	TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9	TEMPORARY MARKING ARROW PAINT (WHITE)
10	TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11	TEMPORARY MARKING WORD PAINT (WHITE)
12	TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13	TEMPORARY MARKING STOP LINE PAINT 18-INCH
14	TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15	TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16	MARKING REMOVAL LINE 4-INCH

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL - PHASE 2 - STAGE 1	SHEET 373 E

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

N

END ROAD WORK
G20-2A
48"X24"

164

INL

RIPRAP

POST

274+00 275+00 276+00 277+00 278+00 279+00

100' TYP.

3 4 15 15

2

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL - PHASE 2 - STAGE 1	SHEET 374	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S5.DWG
LAYOUT NAME - 23
PLOT DATE : 4/29/2026 6:43 AM
PLOT BY : DILLINGHAM, MATTHEW
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

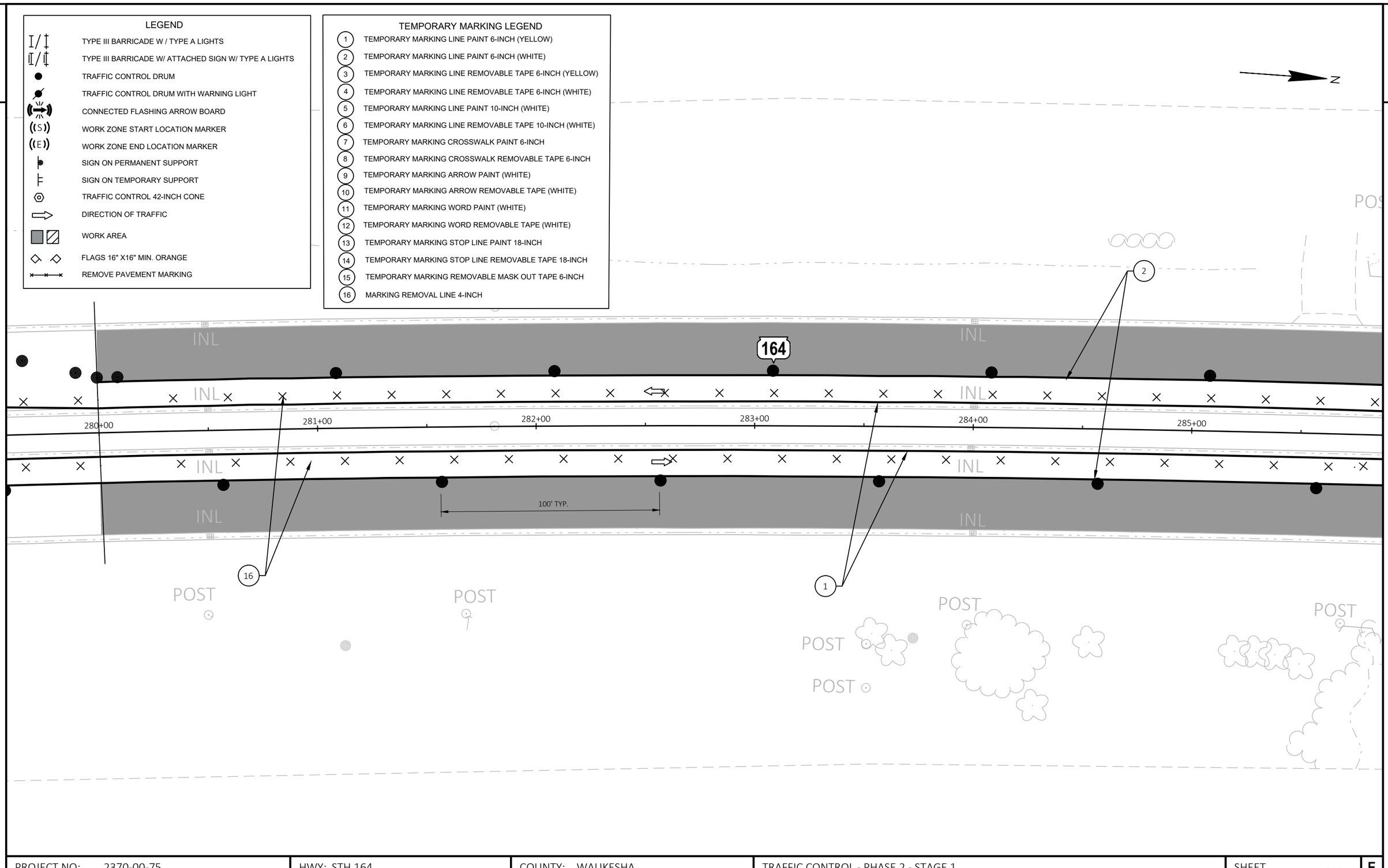
2

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH



PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL - PHASE 2 - STAGE 1	SHEET 375	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S5.DWG
LAYOUT NAME - 24

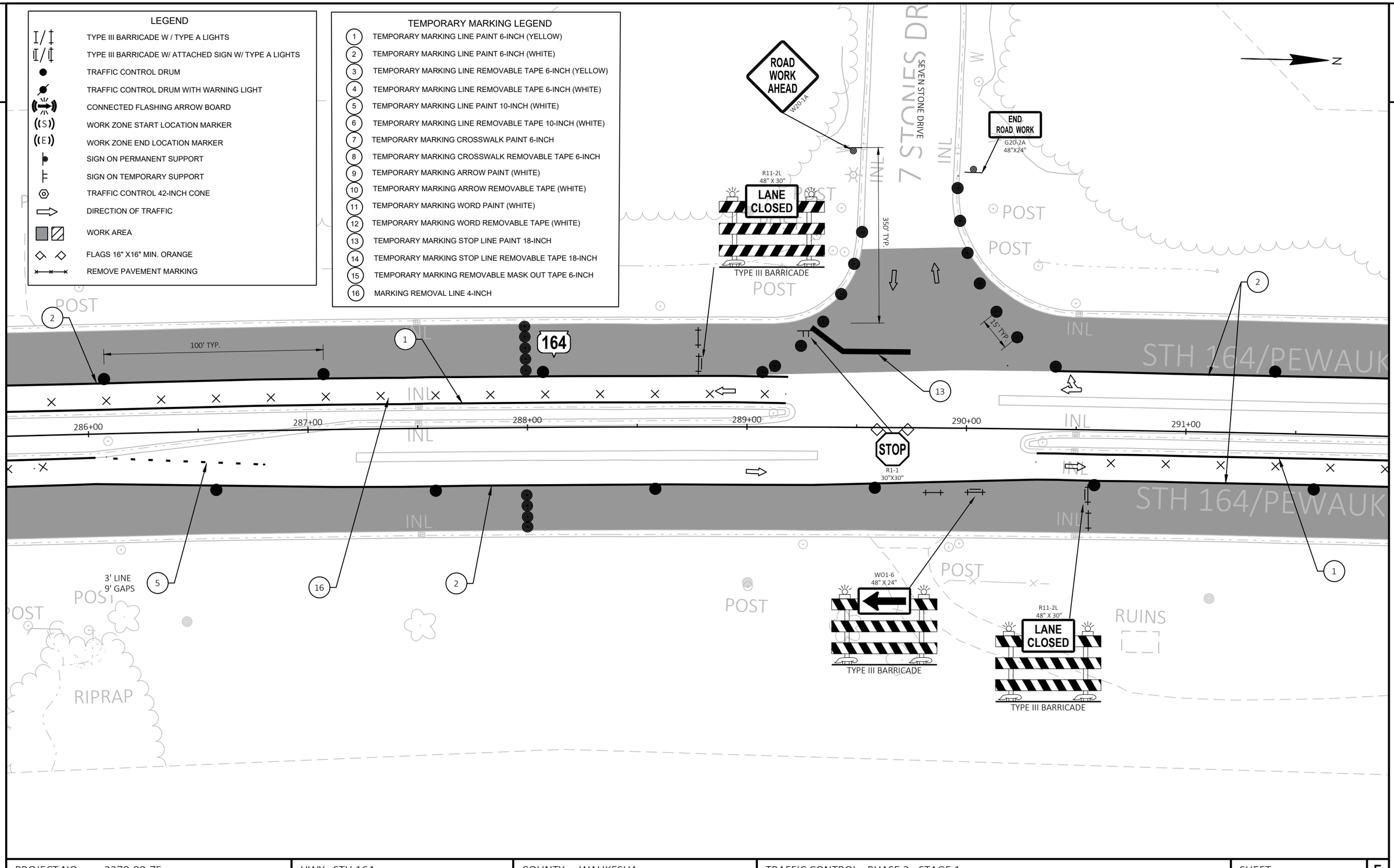
PLOT DATE : 4/29/2026 6:44 AM PLOT BY : DILLINGHAM, MATTHEW PLOT NAME : PLOT SCALE : 1 IN:40 FT

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH



PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL - PHASE 2 - STAGE 1	SHEET 376	E

2

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

N

POST

AUKEE RD

INL

3' LINE
9' GAPS

5

2

164

INL

292+00 293+00 294+00 295+00 296+00 297+00

POST

AUKEE RD

100' TYP.

INL

2

1

16

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL - PHASE 2 - STAGE 1	SHEET 377	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S5.DWG
LAYOUT NAME - 26

PLOT DATE : 4/29/2026 6:44 AM PLOT BY : DILLINGHAM, MATTHEW PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

2

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

N

W

2

164

INL

INL

INL

298+00 299+00 300+00 301+00 302+00 303+00 304+

OST

100' TYP.

1

2

POST

W

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL - PHASE 2 - STAGE 1	SHEET 378	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S5.DWG
LAYOUT NAME - 27

PLOT DATE : 4/29/2026 6:44 AM PLOT BY : DILLINGHAM, MATTHEW PLOT NAME : PLOT SCALE : 1 IN:40 FT

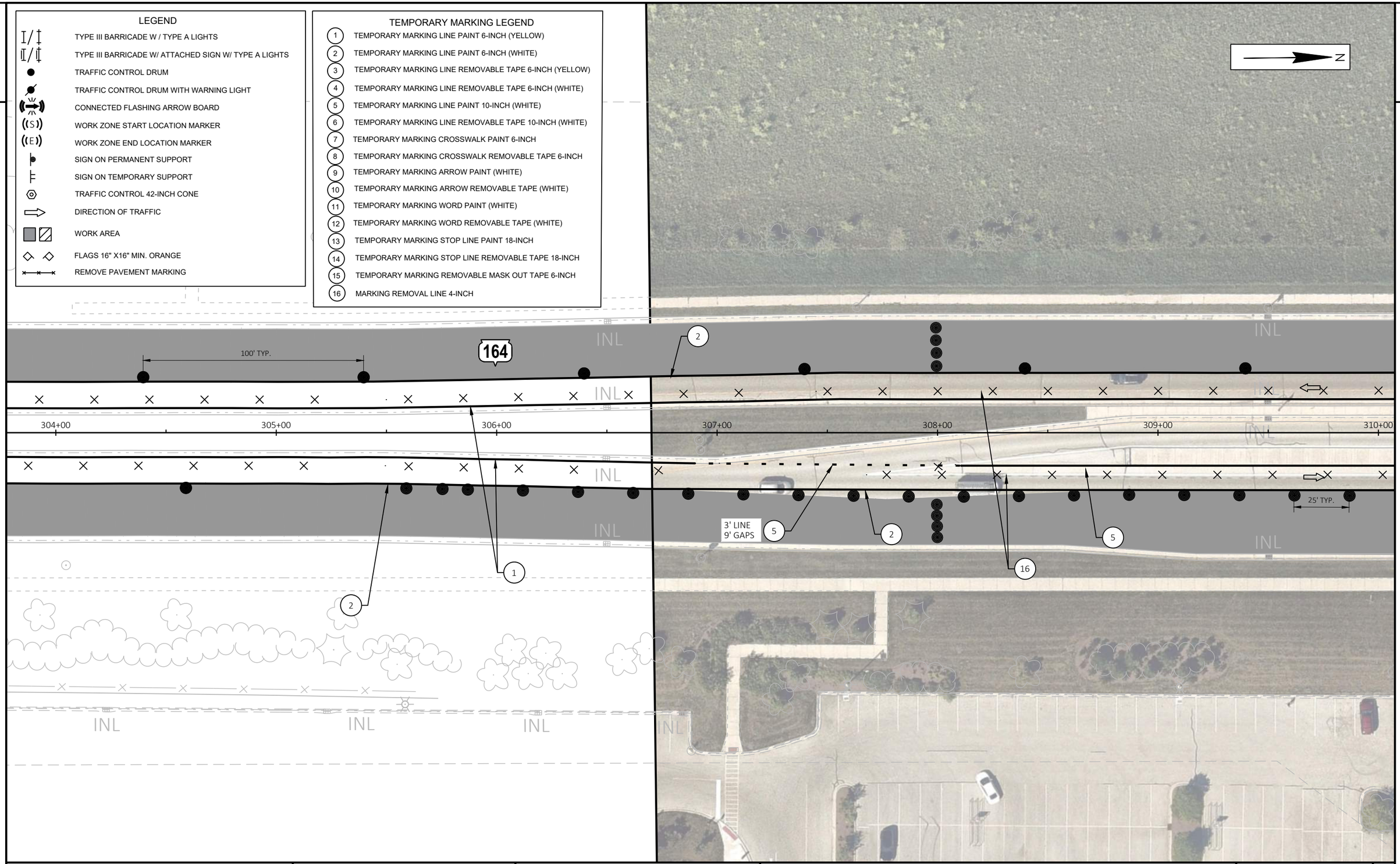
2

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH



PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL - PHASE 2 - STAGE 1	SHEET 379	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S5.DWG
LAYOUT NAME - 28

PLOT DATE : 4/29/2026 6:45 AM PLOT BY : DILLINGHAM, MATTHEW PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

N

REFER TO PEDESTRIAN ACCOMODATIONS

REFER TO PEDESTRIAN ACCOMODATIONS

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

K

49+00

50+00

51+00

15' TYP.

25' TYP.

100' TYP.

310+00 311+00 312+00 313+00 314+00 315+00 316+00

164

STH 164/PEWAUKEE RD

INL POST RIPRAP

2' LINE
6' GAPS

NOTES:

1. MEDIAN CURB RAMP SURFACE WILL BE ADJUSTED (LOWERED OR RAISED) TO MATCH WORK ZONE SURFACE UNTIL STAGE 4.
2. PROVIDE PEDESTRIAN SIGNAGE AND TEMPORARY DEVICES IN ACCORDANCE WITH SDD, "TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION" UNTIL ACCOMMODATIONS CAN BE PROVIDED VIA PERMANENT SIDEWALK PLACEMENT.
3. TEMPORARY PEDESTRIAN ACCOMMODATIONS SHALL BE IN PLACE PRIOR TO NEW CURB RAMP AND SIGNAL WORK BEGINNING.
4. REFER TO TRAFFIC CONTROL STAGING PLAN STAGE 1 FOR OTHER TRAFFIC CONTROL DETAILS

TEMPORARY MARKING LEGEND

1	TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2	TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3	TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4	TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5	TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6	TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7	TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8	TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9	TEMPORARY MARKING ARROW PAINT (WHITE)
10	TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11	TEMPORARY MARKING WORD PAINT (WHITE)
12	TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13	TEMPORARY MARKING STOP LINE PAINT 18-INCH
14	TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15	TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16	MARKING REMOVAL LINE 4-INCH

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- (S) WORK ZONE START LOCATION MARKER
- (E) WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL - PHASE 2 - STAGE 1	SHEET 380	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S5.DWG
LAYOUT NAME - 29
PLOT DATE : 4/29/2026 6:45 AM
PLOT BY : DILLINGHAM, MATTHEW
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

NOTES:

1. MEDIAN CURB RAMP SURFACE WILL BE ADJUSTED (LOWERED OR RAISED) TO MATCH WORK ZONE SURFACE UNTIL STAGE 4.
2. PROVIDE PEDESTRIAN SIGNAGE AND TEMPORARY DEVICES IN ACCORDANCE WITH SDD, "TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION" UNTIL ACCOMMODATIONS CAN BE PROVIDED VIA PERMANENT SIDEWALK PLACEMENT.
3. TEMPORARY PEDESTRIAN ACCOMMODATIONS SHALL BE IN PLACE PRIOR TO NEW CURB RAMP AND SIGNAL WORK BEGINNING.
4. REFER TO TRAFFIC CONTROL STAGING PLAN STAGE 1 FOR OTHER TRAFFIC CONTROL DETAILS

N

INL
POST
RIPRAP
SEE PEDESTRIAN STAGING PLANS.
3' LINE 9' GAPS
164
100' TYP.
316+00
317+00
318+00
319+00
320+00
321+00
322+00
FLAG
END ROAD WORK
G20-2A 48"X24"

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL - PHASE 2 - STAGE 1	SHEET 381	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S5.DWG
LAYOUT NAME - 30

PLOT DATE : 4/29/2026 6:45 AM PLOT BY : DILLINGHAM, MATTHEW PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

N

2

RIPRAP RIPRAP RIPRAP RIPRAP

INL

164

SEE PEDESTRIAN STAGING PLANS

5 3' LINE 9' GAPS

16

1

STH 16

322+00 323+00 324+00 325+00 326+00 327+00 328+00

WO1-6 48" X 24"

13

15' TYP.

100' TYP.

TYPE III BARRICADE

2

200' TYP.

16

R11-2L 48" X 30"

LANE CLOSED

TYPE III BARRICADE

POST

W

END ROAD WORK

G20-2A 48"X24"

S CORPORATE CR

RATE CIR

ROAD WORK AHEAD

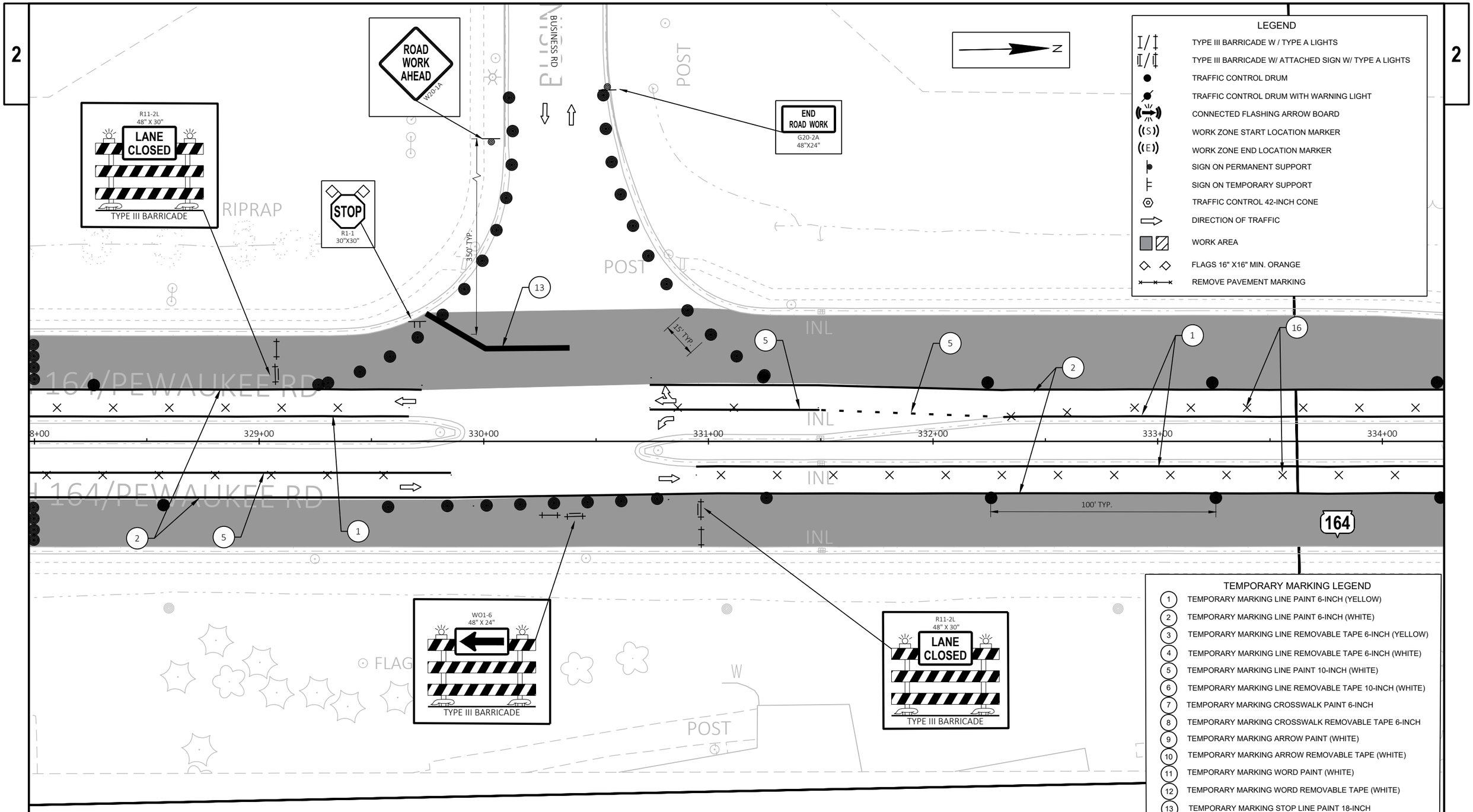
W20-1A

NOTES:

1. MEDIAN CURB RAMP SURFACE WILL BE ADJUSTED (LOWERED OR RAISED) TO MATCH WORK ZONE SURFACE UNTIL STAGE 4.
2. PROVIDE PEDESTRIAN SIGNAGE AND TEMPORARY DEVICES IN ACCORDANCE WITH SDD, "TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION" UNTIL ACCOMMODATIONS CAN BE PROVIDED VIA PERMANENT SIDEWALK PLACEMENT.
3. TEMPORARY PEDESTRIAN ACCOMMODATIONS SHALL BE IN PLACE PRIOR TO NEW CURB RAMP AND SIGNAL WORK BEGINNING.
4. REFER TO TRAFFIC CONTROL STAGING PLAN STAGE 1 FOR OTHER TRAFFIC CONTROL DETAILS

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL - PHASE 2 - STAGE 1	SHEET 382	E

2



TEMPORARY MARKING LEGEND

1	TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2	TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3	TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4	TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5	TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6	TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7	TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8	TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9	TEMPORARY MARKING ARROW PAINT (WHITE)
10	TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11	TEMPORARY MARKING WORD PAINT (WHITE)
12	TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13	TEMPORARY MARKING STOP LINE PAINT 18-INCH
14	TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15	TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16	MARKING REMOVAL LINE 4-INCH

2

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

N

2

POST
POST
RIPRAP
INL
INL
164
2
100' TYP.
INL
INL
335+00
336+00
337+00
338+00
339+00
340+00
INL
INL
16
2
1
3' LINE
9' GAPS
5
W
FLAG
POST

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL - PHASE 2 - STAGE 1	SHEET 384	E

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

ROAD WORK AHEAD W20-1A

END ROAD WORK G20-2A 48"X24"

R11-2L 48" X 30" LANE CLOSED TYPE III BARRICADE

350' TYP.

REFER TO PEDESTRIAN ACCOMODATIONS

100' TYP.

STH 164/PEWAUKEE RD

STOP R1-1 30"X30"

15' TYP.

3' LINE 9' GAPS

N CORPORATE ROAD

341+00 342+00 343+00 344+00 345+00 346+00

RIPRAP POST INL LAG

PROJECT NO: 2370-00-75 | HWY: STH 164 | COUNTY: WAUKESHA | TRAFFIC CONTROL - PHASE 2 - STAGE 1 | SHEET 385 | E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S5.DWG
LAYOUT NAME - 34

PLOT DATE : 4/29/2026 6:46 AM PLOT BY : DILLINGHAM, MATTHEW PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH YELLOW
2. TEMPORARY MARKING LINE PAINT 6-INCH WHITE
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH WHITE
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH YELLOW
5. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH WHITE
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH YELLOW
7. TEMPORARY MARKING STOP LINE PAINT 18-INCH
8. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
9. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
10. TEMPORARY MARKING ARROW PAINT WHITE
11. TEMPORARY MARKING LINE PAINT 10-INCH WHITE
12. TEMPORARY MARKING WORD PAINT WHITE
13. MARKING RAILROAD CROSSING PAINT
14. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH

N

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

REFER TO PEDESTRIAN ACCOMODATIONS

POST

5 3' LINE 9' GAPS

2

164

8

INL

347+00 348+00 349+00 350+00 351+00 352+00

100' TYP.

3' LINE 9' GAPS

1

RIPRAP

POST POST

W

CLOVER DRIVE

END ROAD WORK
G20-2A
48"X24"

A/C

DR

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL - PHASE 2 - STAGE 1	SHEET 386	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S5.DWG
LAYOUT NAME - 35

PLOT DATE : 4/29/2026 6:46 AM PLOT BY : DILLINGHAM, MATTHEW PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

2

N

SLAB

SLAB

REFER TO PEDESTRIAN ACCOMODATIONS

POST

POST

POST

2

3' LINE
9' GAPS

5

1

16

8

INL

STH 164/PEWAUKEE RD

164

INL

353+00

354+00

355+00

356+00

357+00

358+00

13

15' TYP.

INL

STH 164/PEWAUKEE RD

100' TYP.

1

200' TYP.

POST

STOP
R1-1
30"X30"

R11-2L
48" X 30"
LANE CLOSED

TYPE III BARRICADE

INL

POST

ROAD WORK AHEAD
W20-1A

DR

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL - PHASE 2 - STAGE 1	SHEET 387	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S5.DWG
LAYOUT NAME - 36
PLOT DATE : 4/29/2026 6:47 AM
PLOT BY : DILLINGHAM, MATTHEW
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

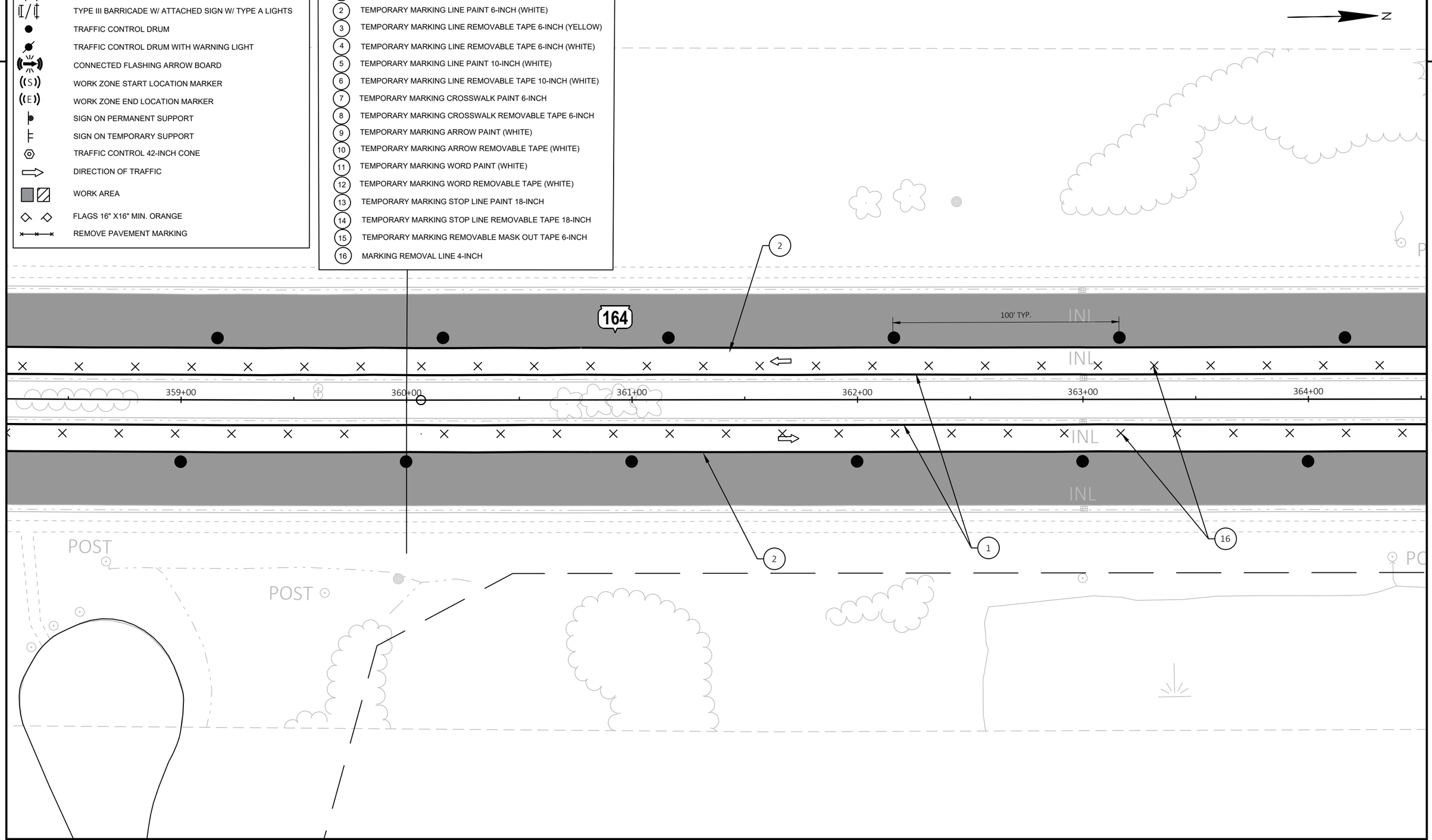
2

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH



2

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL - PHASE 2 - STAGE 1	SHEET 388	E

2

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

N

2

INL

164

INL

365+00 366+00 367+00 368+00 369+00 370+00

INL

INL

100' TYP.

16 2 1

POST POST POST

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL - PHASE 2 - STAGE 1	SHEET 389	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S5.DWG
LAYOUT NAME - 38

PLOT DATE : 4/29/2026 6:47 AM PLOT BY : DILLINGHAM, MATTHEW PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

N

POST

INL INL

164

STH 164/PEWAUKEE RD

371+00 372+00 373+00 374+00 375+00 376+00

100' TYP.

3' LINE
9' GAPS

2 16 1 5 2

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL - PHASE 2 - STAGE 1	SHEET 390	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S5.DWG
LAYOUT NAME - 39

PLOT DATE : 4/29/2026 6:47 AM PLOT BY : DILLINGHAM, MATTHEW PLOT NAME : PLOT SCALE : 1 IN:40 FT

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

N

3' LINE
9' GAPS

8-INCH

164

377+00 378+00 379+00 380+00 381+00 382+00

948

15' TYP.

100' TYP.

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL - PHASE 2 - STAGE 1	SHEET 391	E

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

N

383+00 384+00 385+00 386+00 387+00 388+00 140+00 141+00 142+00

944 943 942 941

100' TYP.

164

1 2

POST INL

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL - PHASE 2 - STAGE 1	SHEET 392 E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S5.DWG
LAYOUT NAME - 41

PLOT DATE : 4/29/2026 6:48 AM PLOT BY : DILLINGHAM, MATTHEW PLOT NAME : PLOT SCALE : 1 IN:40 FT

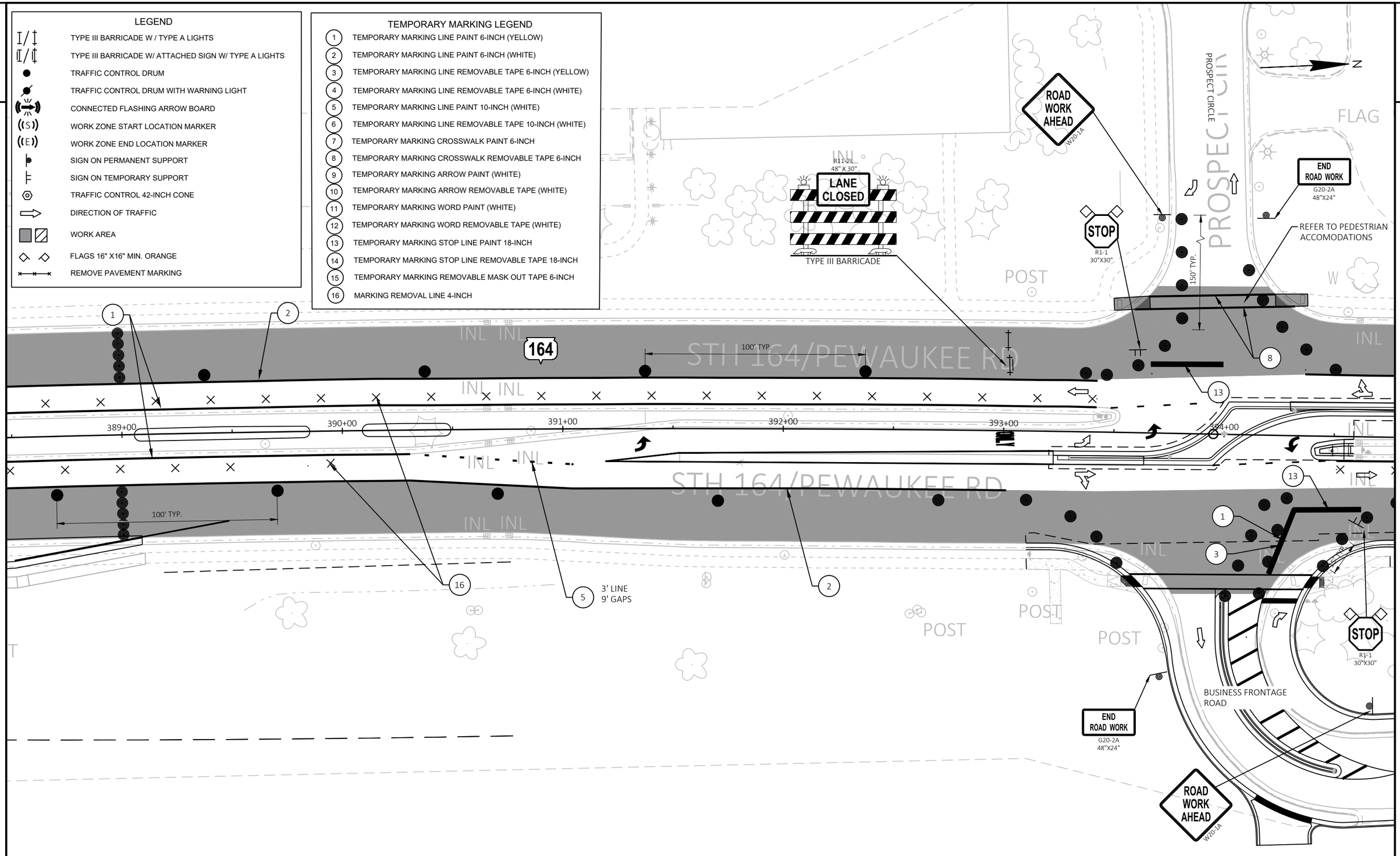
WISDOT/CADDS SHEET 42

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH



PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL - PHASE 2 - STAGE 1	SHEET 393	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S5.DWG
LAYOUT NAME - 42
PLOT DATE : 4/29/2026 6:48 AM
PLOT BY : DILLINGHAM, MATTHEW
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

N

164

3' LINE
9' GAPS

100' TYP.

395+00
396+00
397+00
398+00
399+00
400+00

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

POST
INL
W
CANOPY

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL - PHASE 2 - STAGE 1	SHEET 394	E

NOTES:

1. MEDIAN CURB RAMP SURFACE WILL BE ADJUSTED (LOWERED OR RAISED) TO MATCH WORK ZONE SURFACE UNTIL STAGE 4.
2. PROVIDE PEDESTRIAN SIGNAGE AND TEMPORARY DEVICES IN ACCORDANCE WITH SDD, "TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION" UNTIL ACCOMMODATIONS CAN BE PROVIDED VIA PERMANENT SIDEWALK PLACEMENT.
3. TEMPORARY PEDESTRIAN ACCOMMODATIONS SHALL BE IN PLACE PRIOR TO NEW CURB RAMP AND SIGNAL WORK BEGINNING.
4. REFER TO TRAFFIC CONTROL STAGING PLAN STAGE 1 FOR OTHER TRAFFIC CONTROL DETAILS

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

REFER TO PEDESTRIAN ACCOMODATIONS

TRUCK
M4-4
24"X12"
R3-1
24"X24"

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

REFER TO PEDESTRIAN ACCOMODATIONS

TRUCK
M4-4
24"X12"
R3-1
24"X24"

REFER TO PEDESTRIAN ACCOMODATIONS

2' LINE
6' GAPS

SILVER SPRING DRIVE

164

15' TYP.

25' TYP.

50' TYP.

100' TYP.

108+00

110+00

112+00

PI: 110+00.00

401+00 402+00 403+00 404+00 405+00 406+00

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL - PHASE 2 - STAGE 1	SHEET 395	E

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- (S) WORK ZONE START LOCATION MARKER
- (E) WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

N

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

50' TYP.

100' TYP.

2
4
6 3' LINE 9' GAPS
15
3 2' LINE 6' GAPS
3

407+00 408+00 409+00 410+00 411+00 412+00

END PROJECT
STA 408+00

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

200' TYP.

PRIVATE ROAD

ROAD WORK AHEAD
W20-1A

INL POST FLAG

164

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL - PHASE 2 - STAGE 1	SHEET 396	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S5.DWG
LAYOUT NAME - 45

PLOT DATE : 4/29/2026 6:49 AM PLOT BY : DILLINGHAM, MATTHEW PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- (S) WORK ZONE START LOCATION MARKER
- (E) WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

N

50' TYP.

INL

413+00 414+00 415+00 416+00 417+00 418+00

GRATE

POST

W

STH 164/PEWAUKEE RD

164

END ROAD WORK
G20-2A
48"X24"

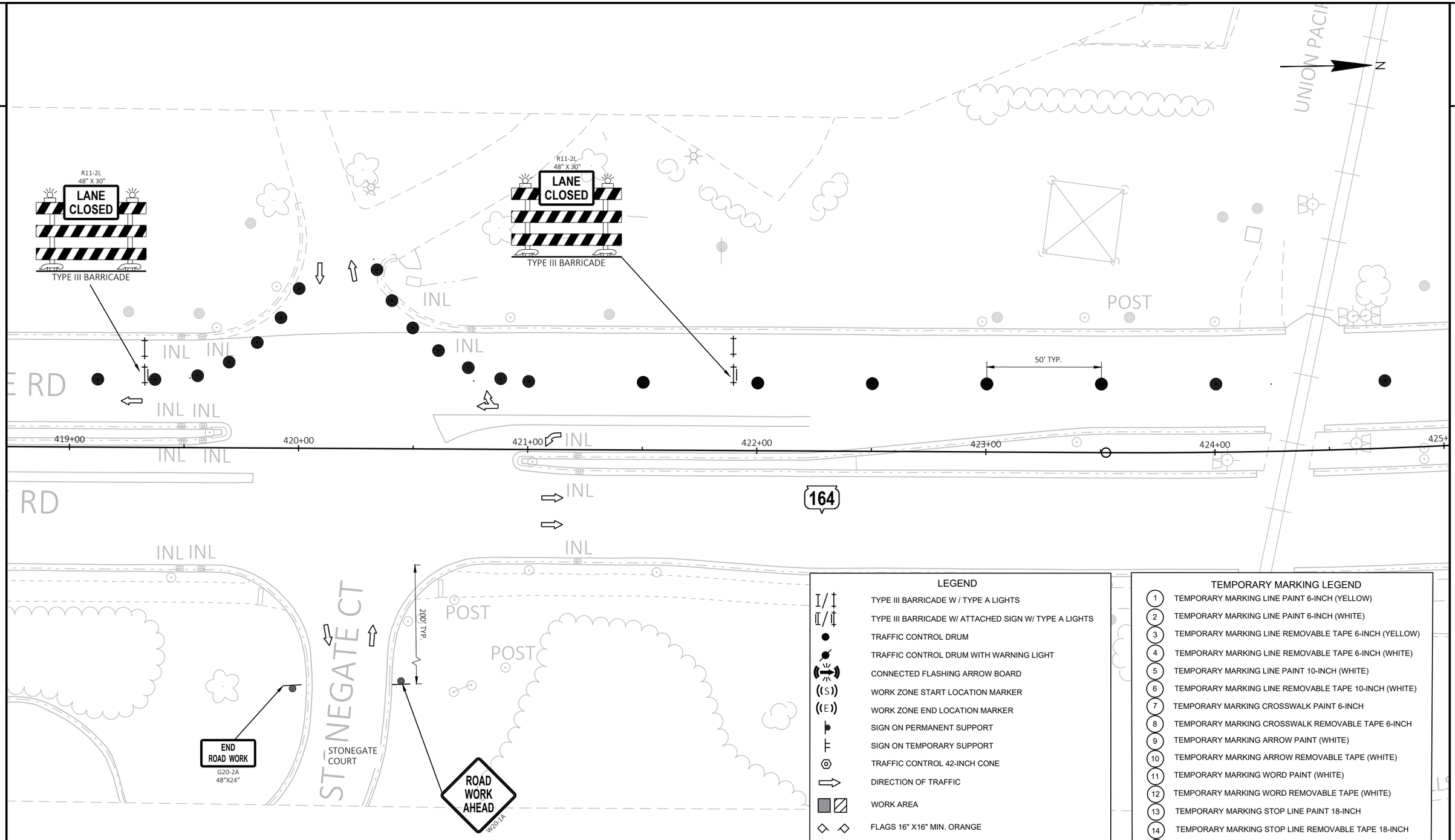
STH 164/PEWAUKEE RD

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL - PHASE 2 - STAGE 1	SHEET 397	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S5.DWG
LAYOUT NAME - 46

PLOT DATE : 4/29/2026 6:49 AM PLOT BY : DILLINGHAM, MATTHEW PLOT NAME : PLOT SCALE : 1 IN:40 FT

2



LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL - PHASE 2 - STAGE 1	SHEET 398	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S5.DWG
LAYOUT NAME - 47
PLOT DATE : 4/29/2026 6:49 AM
PLOT BY : DILLINGHAM, MATTHEW
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

ROAD WORK AHEAD
W20-1A

INDIAN GRASS LANE

END ROAD WORK
G20-2A
48"X24"

WATCH FOR VEHICLES
~~REQUIRED TO STOP AT~~
RAILROAD CROSSING
D1-2
27X60"

350' TYP.

50' TYP.

425+00 426+00 427+00 428+00 429+00 430+00 431+00

M11-2L
48" X 30"

LANE CLOSED

TYPE III BARRICADE

164

STH 164/PEWAU

RIPRAP POST WALLS A/C INL

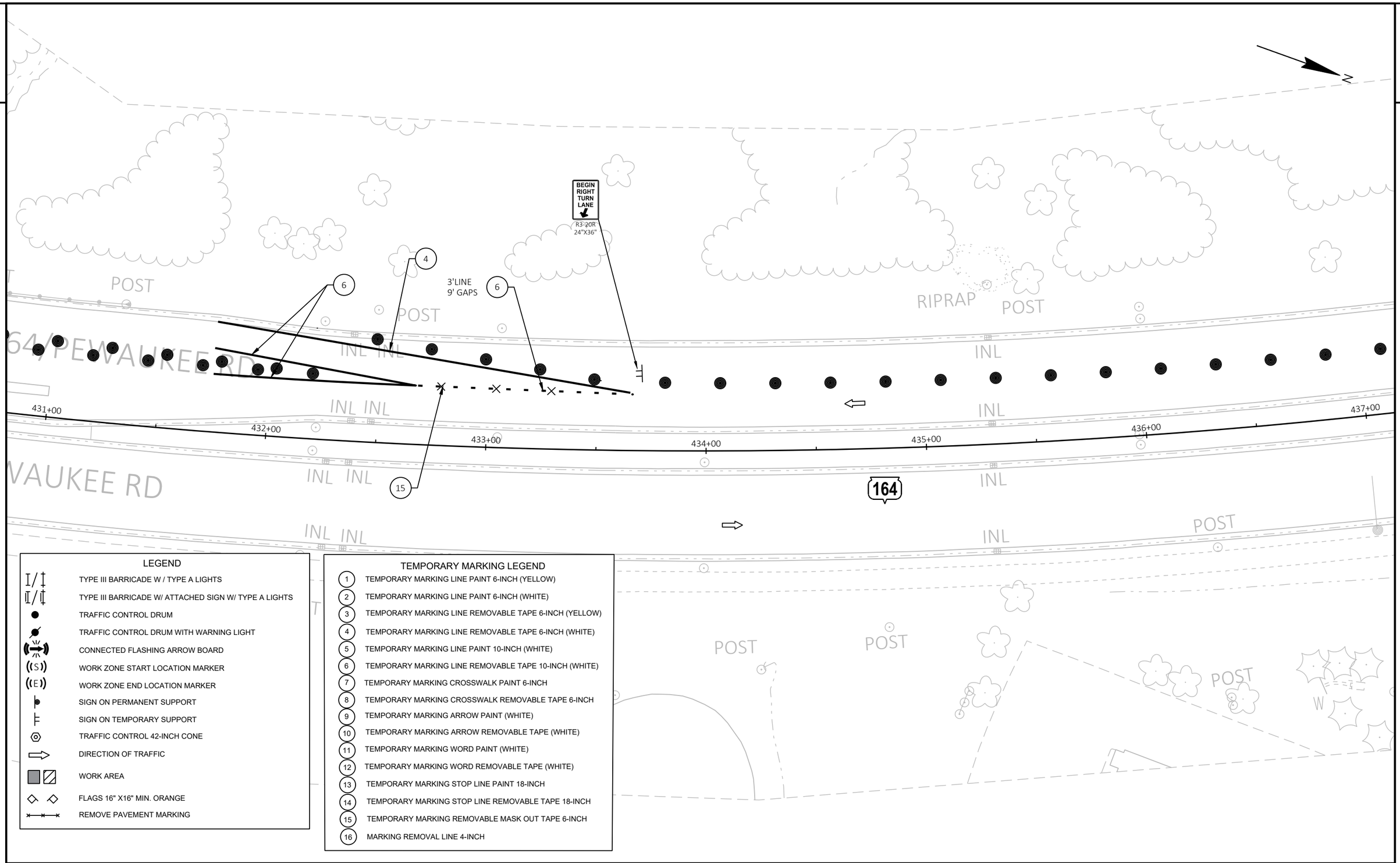
SUSSEX CR

2

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL - PHASE 2 - STAGE 1	SHEET 399	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S5.DWG
LAYOUT NAME - 48
PLOT DATE : 4/29/2026 6:50 AM
PLOT BY : DILLINGHAM, MATTHEW
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2



LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL - PHASE 2 - STAGE 1	SHEET 400	E

2

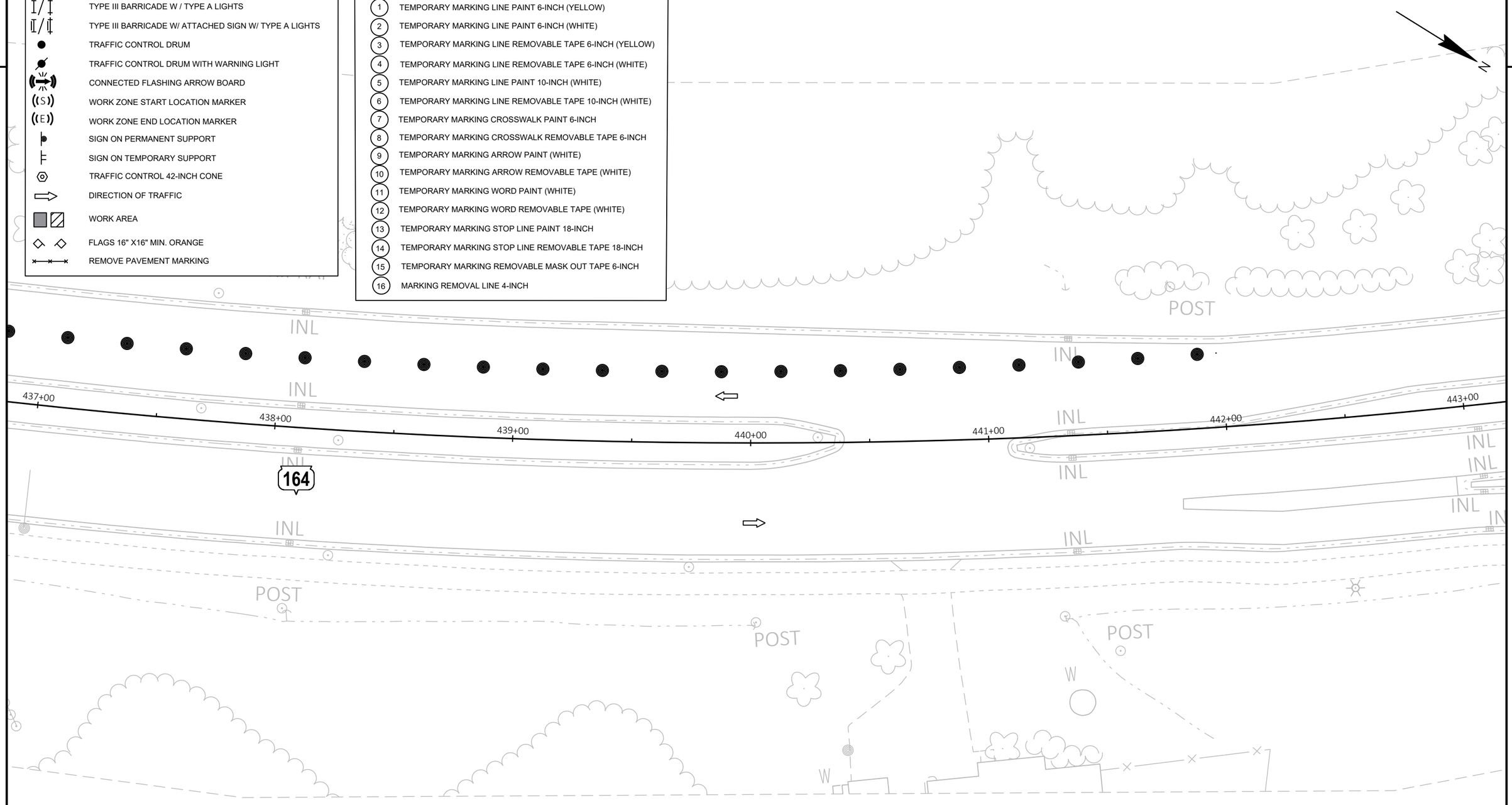
2

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

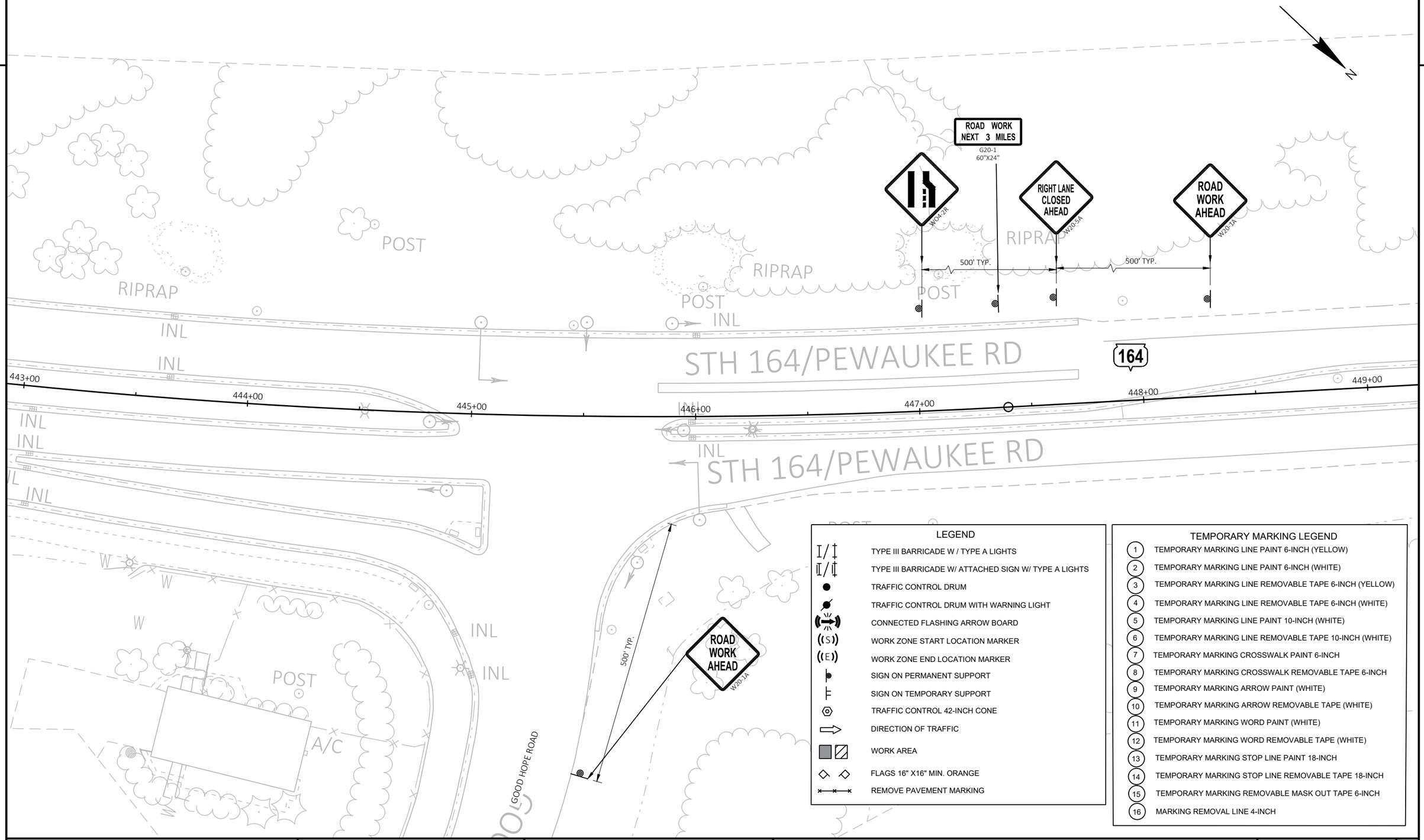
TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH



PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL - PHASE 2 - STAGE 1	SHEET 401	E

2



LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL - PHASE 2 - STAGE 1	SHEET 402	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S5.DWG
LAYOUT NAME - 51
PLOT DATE : 4/29/2026 6:50 AM
PLOT BY : DILLINGHAM, MATTHEW
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

N

GOOD HOPE RD

GOOD HOPE RD

END
ROAD WORK
G20-2A
48"X24"

M M M M M M

INL INL

POST POST

A/C

2

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL - STAGE 2	SHEET 403	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S5.DWG
LAYOUT NAME - 01 - GOOD HOPE RD

PLOT DATE : 4/29/2026 6:51 AM PLOT BY : DILLINGHAM, MATTHEW PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

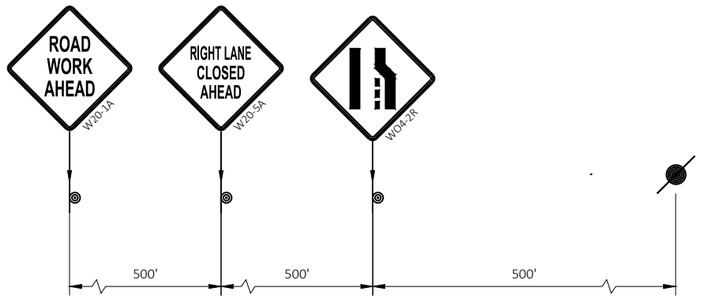
LEGEND

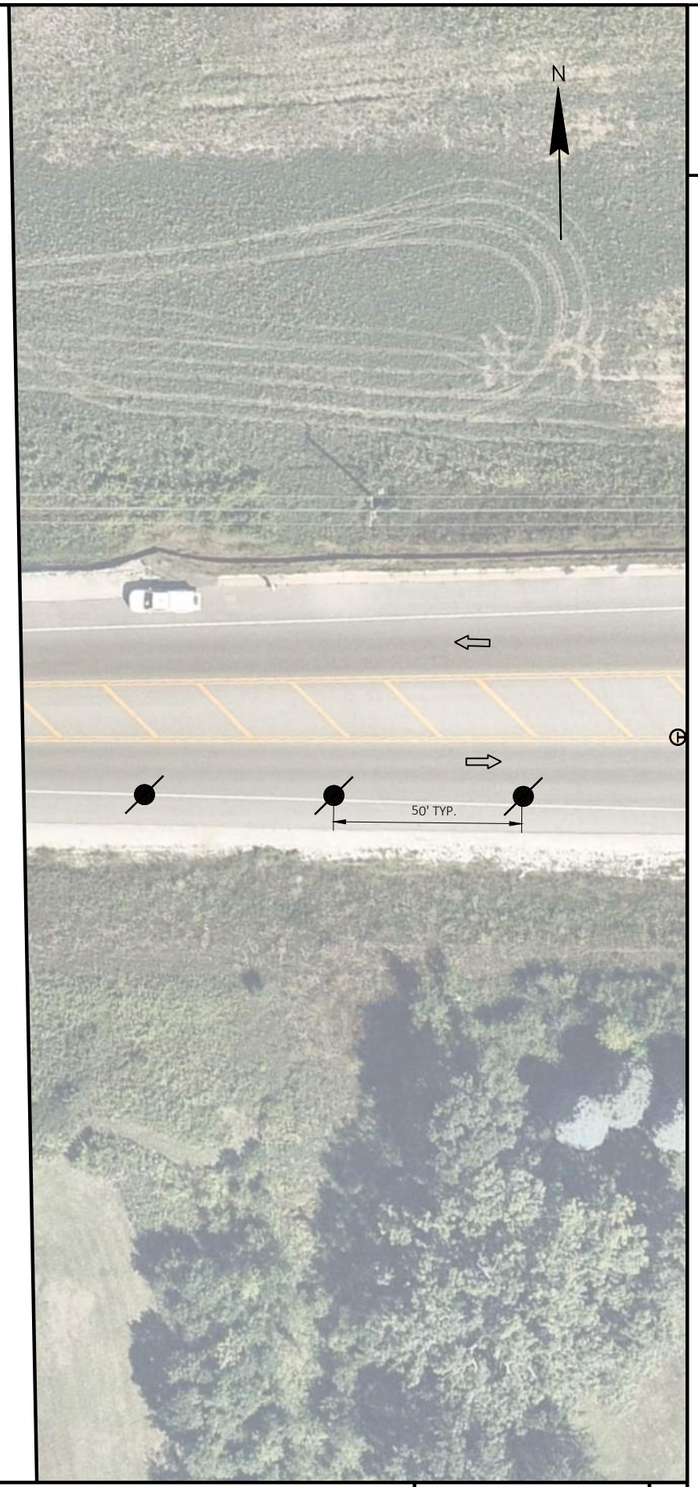
- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

K





2

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL - PHASE 2 - STAGE 1	SHEET 404	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S5.DWG
LAYOUT NAME - 01-CTH K W

PLOT DATE : 4/29/2026 6:51 AM PLOT BY : DILLINGHAM, MATTHEW PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

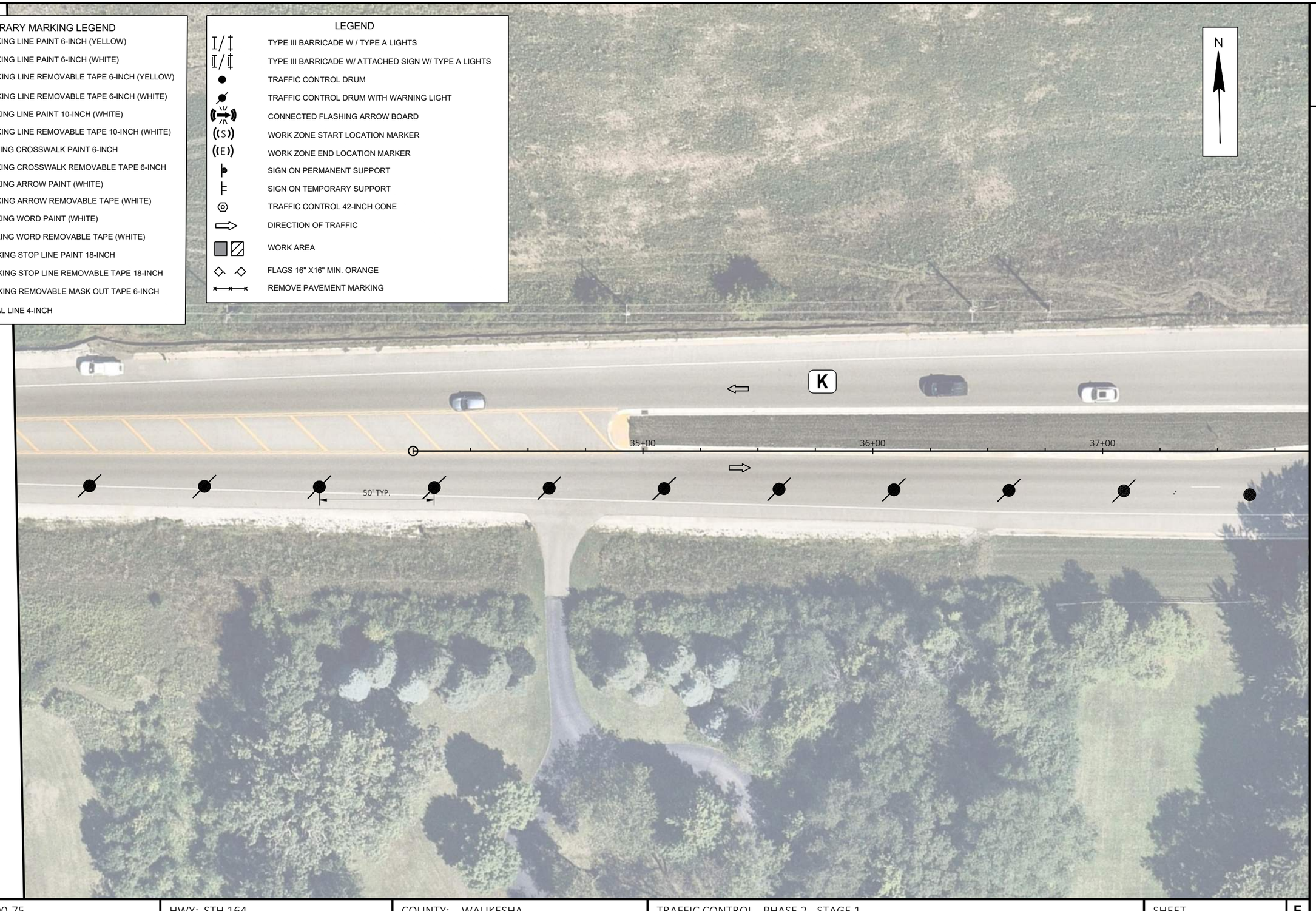
2

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING



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PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL - PHASE 2 - STAGE 1	SHEET 405	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S5.DWG
LAYOUT NAME - 02-CTH K W

PLOT DATE : 4/29/2026 6:51 AM PLOT BY : DILLINGHAM, MATTHEW PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

2

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

N

END ROAD WORK
G20-2A
48"X24"

2

25' TYP.

43+00 K 44+00 45+00 46+00 47+00 48+00 49+00

CTH K
STA 45+51

3' LINE
9' GAPS

5

2

5

LISBON RD

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL - PHASE 2 - STAGE 1	SHEET 406	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S5.DWG
LAYOUT NAME - 03-CTH K W

PLOT DATE : 4/29/2026 6:51 AM PLOT BY : DILLINGHAM, MATTHEW PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

N

LISBON RD

25' TYP.

52+00 53+00 54+00 55+00 56+00 57+00

K

3' LINE
9' GAPS

END
ROAD WORK
G20-2A
48"X24"

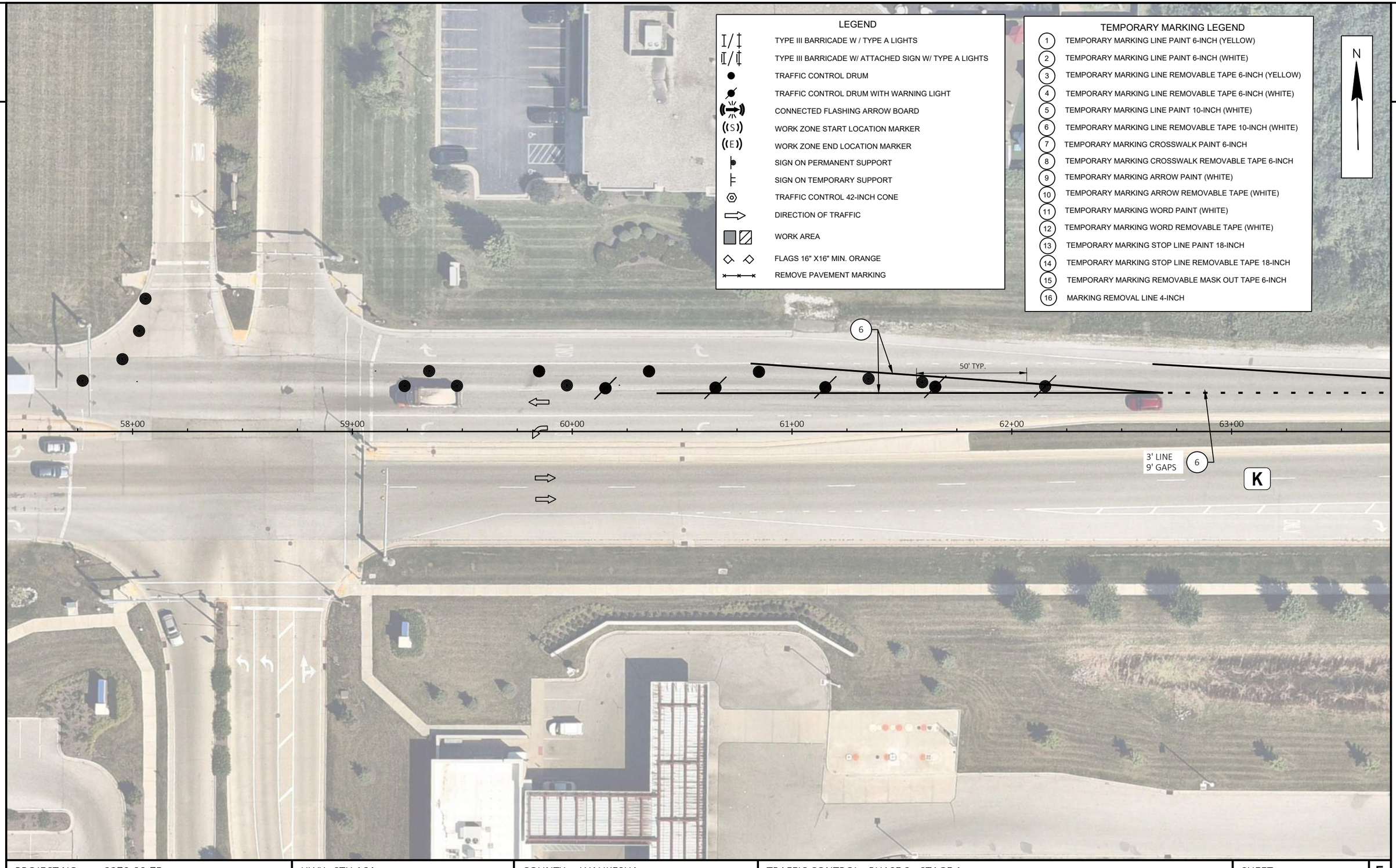
PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL - PHASE 2 - STAGE 1	SHEET 407	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S5.DWG
LAYOUT NAME - 01 - CTH K E

PLOT DATE : 4/29/2026 6:52 AM PLOT BY : DILLINGHAM, MATTHEW PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2



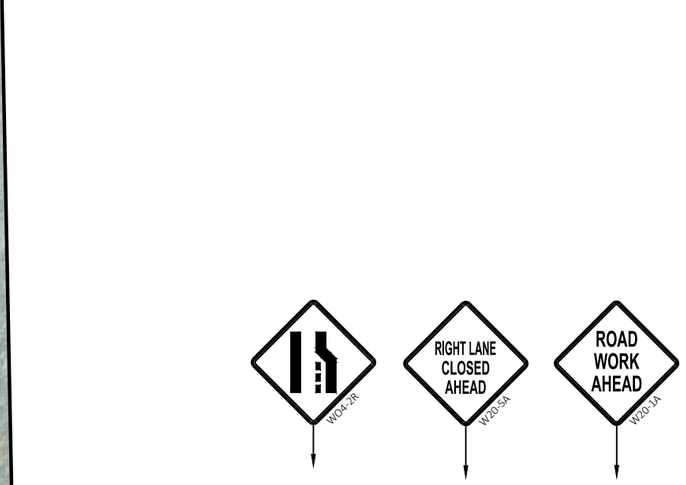
2

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL - PHASE 2 - STAGE 1	SHEET 408	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S5.DWG
LAYOUT NAME - 02 - CTH K - E

PLOT DATE : 4/29/2026 6:52 AM PLOT BY : DILLINGHAM, MATTHEW PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42



N

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
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6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
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8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

2

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
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14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

N

BP: 90+00.00

91+00 92+00 93+00 94+00 95+00 96+00

500' 500' 500'

ROAD WORK AHEAD W20-1A

RIGHT LANE CLOSED AHEAD W20-5A

W04-2R

2

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	CTH V V	SHEET 410	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S5.DWG
LAYOUT NAME - CTH V V

PLOT DATE : 4/29/2026 6:53 AM PLOT BY : DILLINGHAM, MATTHEW PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
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8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
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10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
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14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

N

96+00 97+00 98+00 99+00 100+00 101+00 102+00

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

2

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	CTH V V	SHEET 411	E

2

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
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7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
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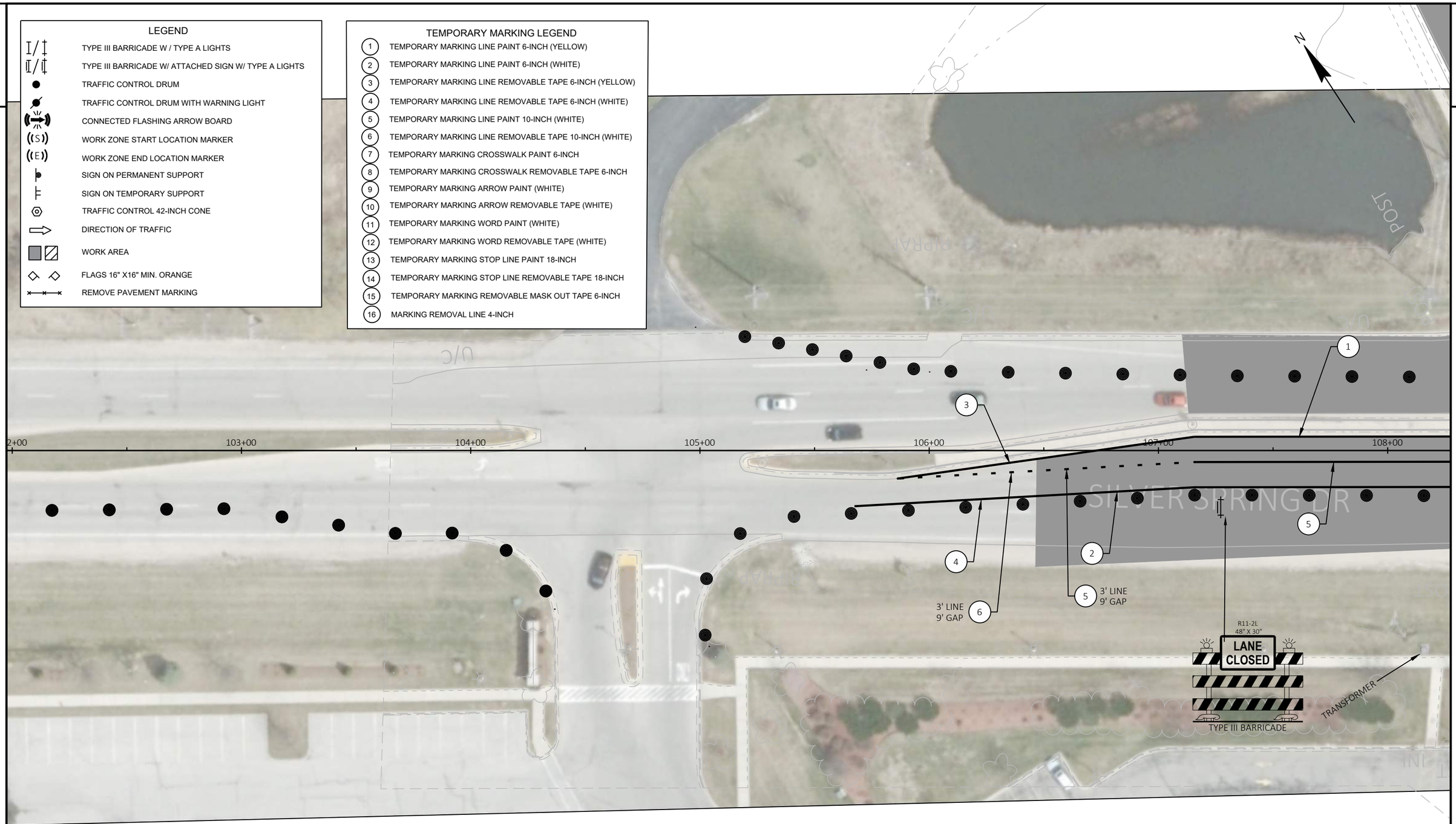
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH



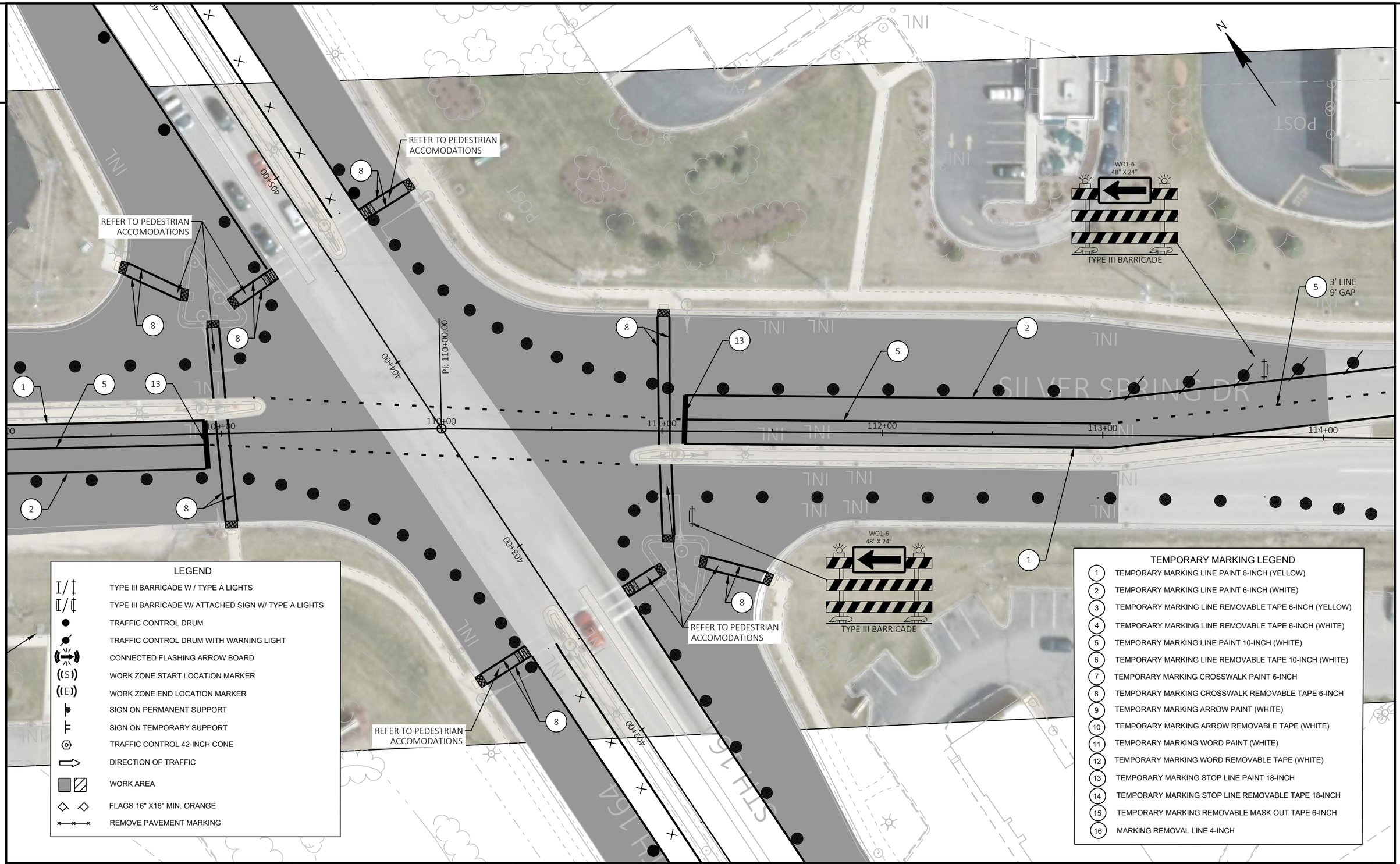
2

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	CTH V V	SHEET 412	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S5.DWG
LAYOUT NAME - CTH V V (2)

PLOT DATE : 4/29/2026 6:54 AM PLOT BY : DILLINGHAM, MATTHEW PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42



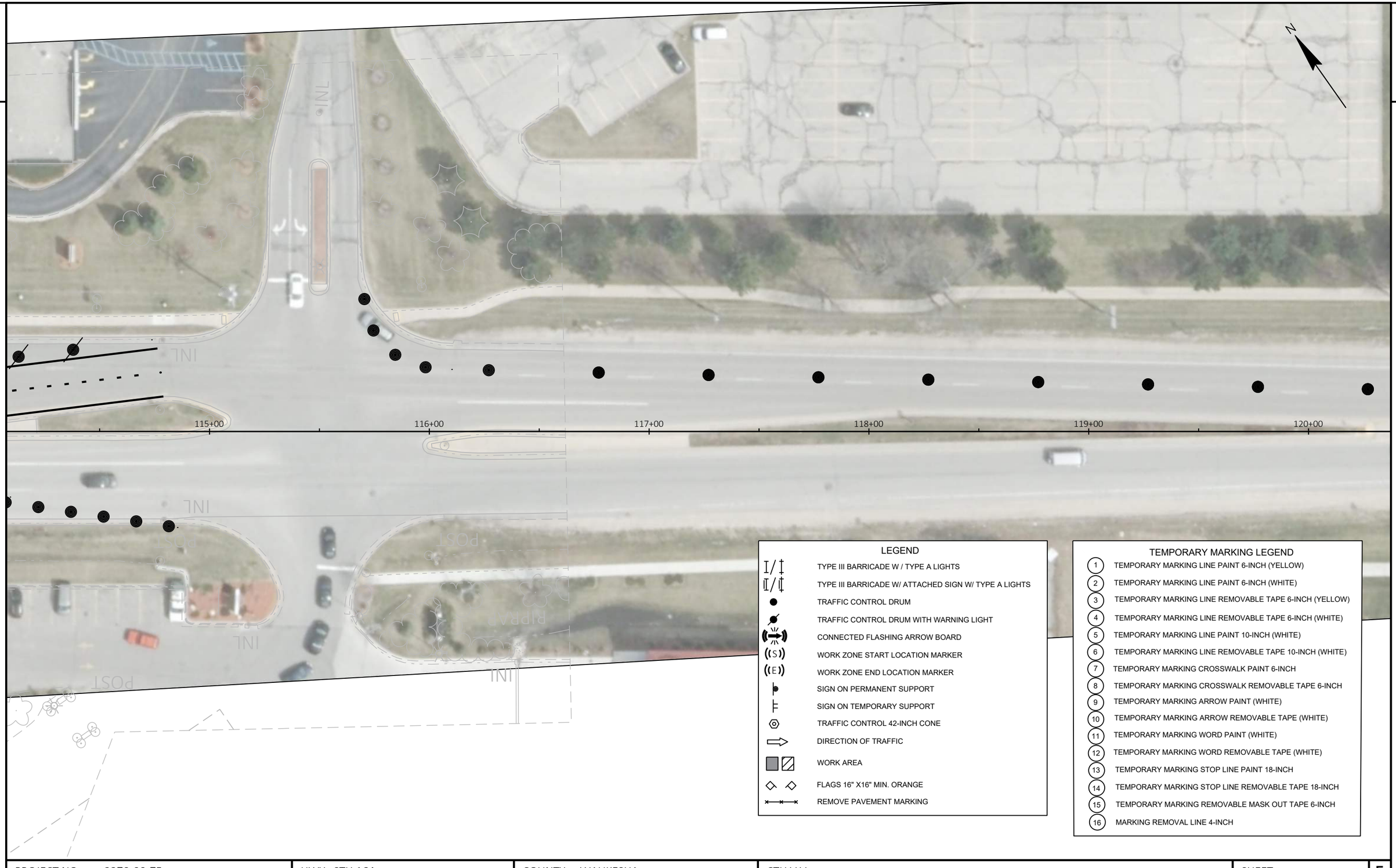
PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	CTH V V	SHEET 413	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S5.DWG
LAYOUT NAME - CTH V V (3)

PLOT DATE : 4/29/2026 6:54 AM PLOT BY : DILLINGHAM, MATTHEW PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

2



LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

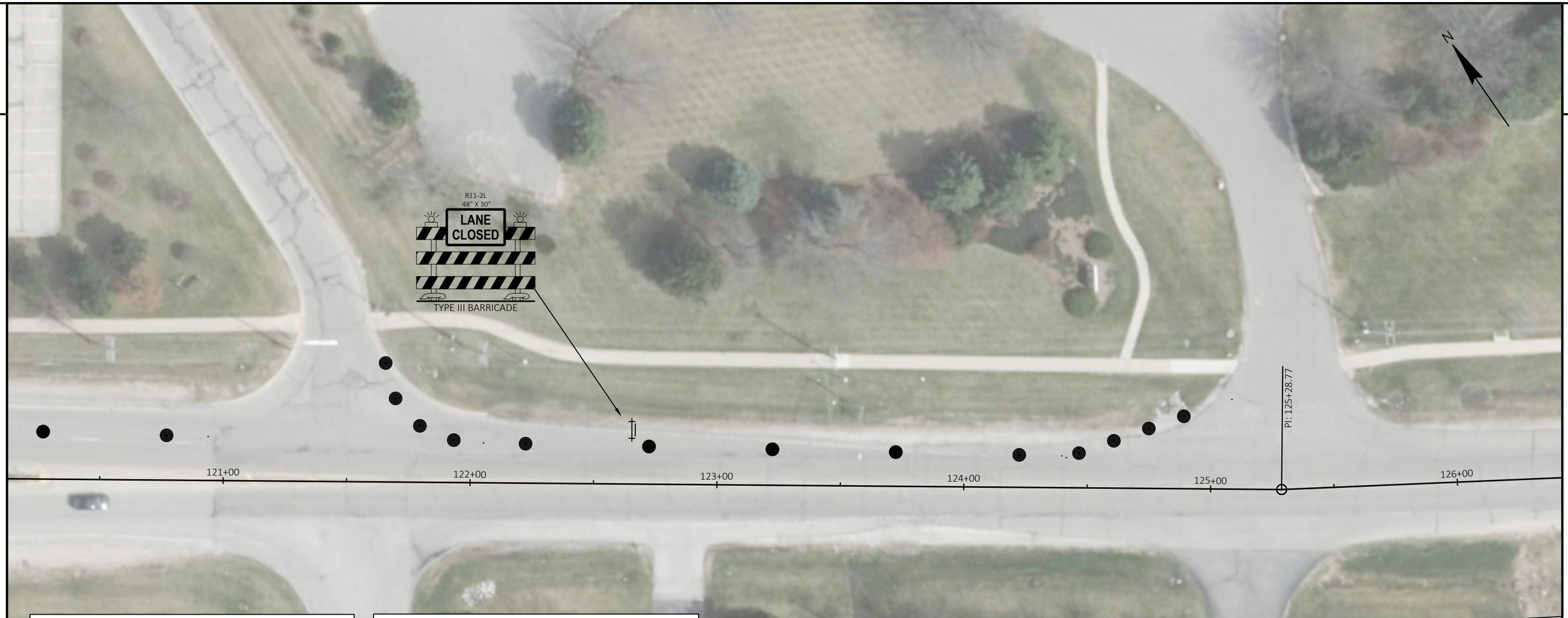
1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	CTH V V	SHEET 414	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S5.DWG
LAYOUT NAME - CTH V V (4)

PLOT DATE : 4/29/2026 6:54 AM PLOT BY : DILLINGHAM, MATTHEW PLOT NAME : PLOT SCALE : 1 IN:40 FT

2



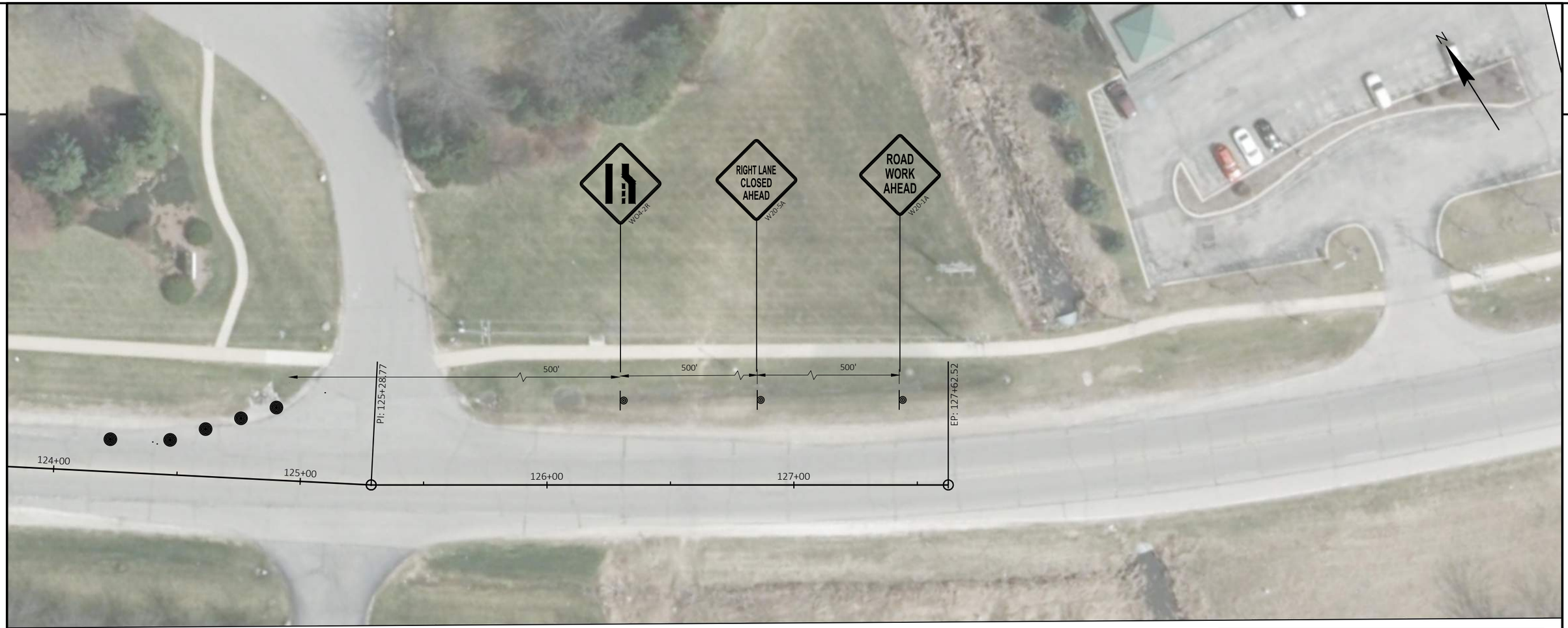
LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

2



LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- (S) WORK ZONE START LOCATION MARKER
- (E) WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

2

LEGEND

- WORK ZONE
- SIGN ON PERMANENT SUPPORT / TEMPORARY SUPPORT
- TEMPORARY PEDESTRIAN SURFACE ASPHALT
- TEMPORARY PEDESTRIAN SURFACE PLATE
- TEMPORARY CURB RAMP
- TEMPORARY DETECTABLE WARNING FIELD
- TEMPORARY PEDESTRIAN BARRICADE
- TEMPORARY AUDIBLE MESSAGE DEVICE (EXACT PLACEMENT BASED UPON FIELD CONDITIONS)
- DETOUR ROUTE
- DIRECTION OF TRAFFIC

TEMPORARY MARKING LEGEND

(1) TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)

N

48+00

49+00

50+00

51+00

309+00

310+00

311+00

312+00

313+00

314+00

315+00

164

STH 164/PEWAUKEE RD

K

NOTES:

1. MEDIAN CURB RAMP SURFACE WILL BE ADJUSTED (LOWERED OR RAISED) TO MATCH WORK ZONE SURFACE UNTIL STAGE 4.
2. PROVIDE PEDESTRIAN SIGNAGE AND TEMPORARY DEVICES IN ACCORDANCE WITH SDD, "TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION" UNTIL ACCOMMODATIONS CAN BE PROVIDED VIA PERMANENT SIDEWALK PLACEMENT.
3. TEMPORARY PEDESTRIAN ACCOMMODATIONS SHALL BE IN PLACE PRIOR TO NEW CURB RAMP AND SIGNAL WORK BEGINNING.
4. REFER TO TRAFFIC CONTROL STAGING PLAN STAGE 1 FOR OTHER TRAFFIC CONTROL DETAILS

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL - PHASE 2 - STAGE 1	SHEET 417	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S5.DWG
LAYOUT NAME - PED ACCOM-CTH K
PLOT DATE : 4/29/2026 6:55 AM
PLOT BY : DILLINGHAM, MATTHEW
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

LEGEND

- WORK ZONE
- SIGN ON PERMANENT SUPPORT / TEMPORARY SUPPORT
- TEMPORARY PEDESTRIAN SURFACE ASPHALT
- TEMPORARY PEDESTRIAN SURFACE PLATE
- TEMPORARY CURB RAMP
- TEMPORARY DETECTABLE WARNING FIELD
- TEMPORARY PEDESTRIAN BARRICADE
- TEMPORARY AUDIBLE MESSAGE DEVICE (EXACT PLACEMENT BASED UPON FIELD CONDITIONS)
- DETOUR ROUTE
- DIRECTION OF TRAFFIC

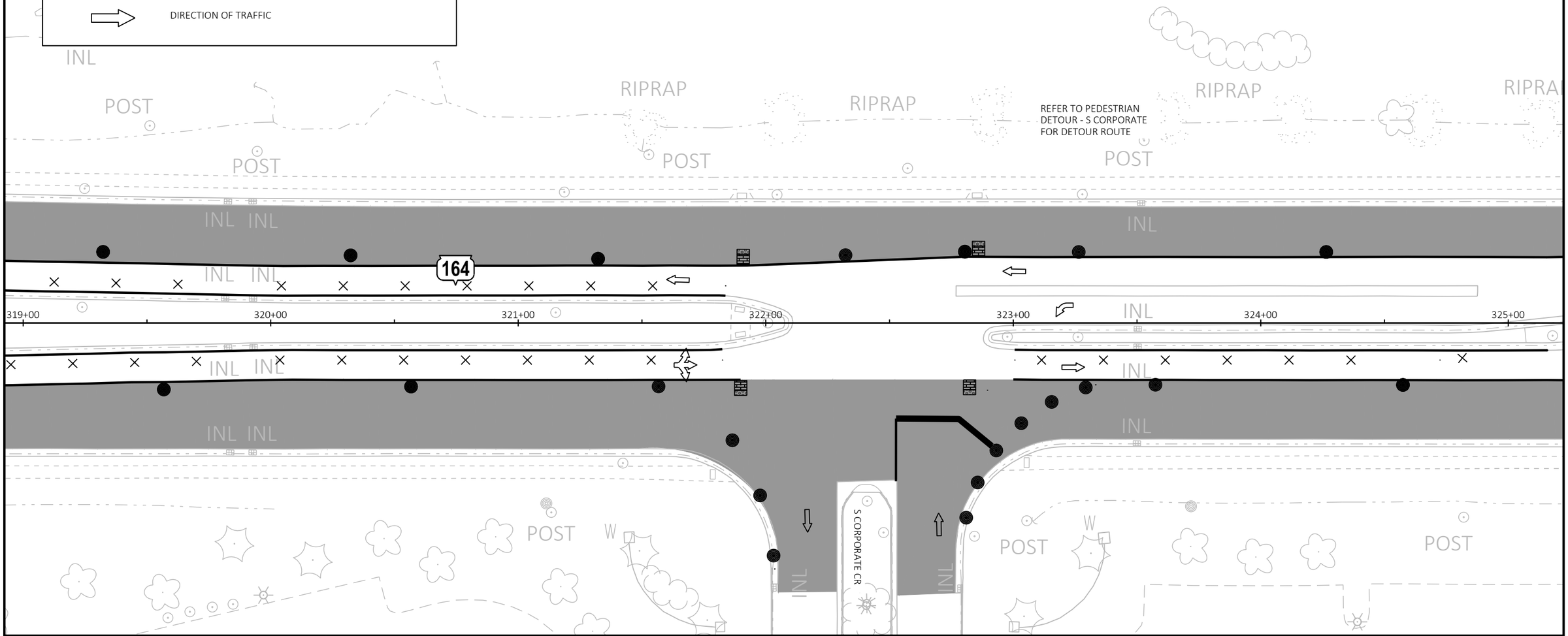
TEMPORARY MARKING LEGEND

(1) TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)

N

NOTES:

1. MEDIAN CURB RAMP SURFACE WILL BE ADJUSTED (LOWERED OR RAISED) TO MATCH WORK ZONE SURFACE UNTIL STAGE 4.
2. PROVIDE PEDESTRIAN SIGNAGE AND TEMPORARY DEVICES IN ACCORDANCE WITH SDD, "TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION" UNTIL ACCOMMODATIONS CAN BE PROVIDED VIA PERMANENT SIDEWALK PLACEMENT.
3. TEMPORARY PEDESTRIAN ACCOMMODATIONS SHALL BE IN PLACE PRIOR TO NEW CURB RAMP AND SIGNAL WORK BEGINNING.
4. REFER TO TRAFFIC CONTROL STAGING PLAN STAGE 1 FOR OTHER TRAFFIC CONTROL DETAILS



2

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL - PHASE 2 - STAGE 1 CR	SHEET 418	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S5.DWG
LAYOUT NAME - PED ACCOM- S CORPORATE
PLOT DATE : 4/29/2026 6:55 AM
PLOT BY : DILLINGHAM, MATTHEW
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

LEGEND

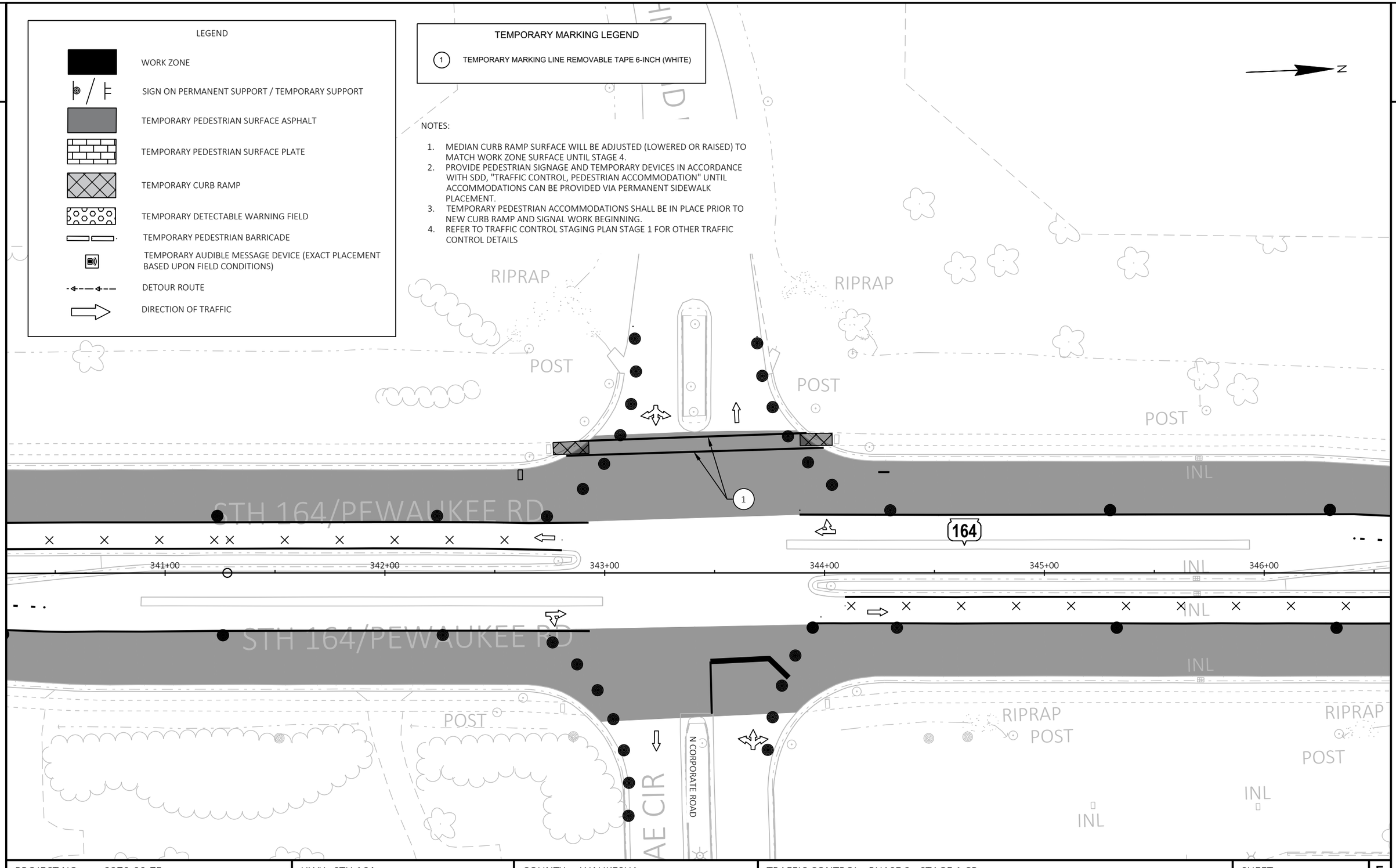
- WORK ZONE
- SIGN ON PERMANENT SUPPORT / TEMPORARY SUPPORT
- TEMPORARY PEDESTRIAN SURFACE ASPHALT
- TEMPORARY PEDESTRIAN SURFACE PLATE
- TEMPORARY CURB RAMP
- TEMPORARY DETECTABLE WARNING FIELD
- TEMPORARY PEDESTRIAN BARRICADE
- TEMPORARY AUDIBLE MESSAGE DEVICE (EXACT PLACEMENT BASED UPON FIELD CONDITIONS)
- DETOUR ROUTE
- DIRECTION OF TRAFFIC

TEMPORARY MARKING LEGEND

(1) TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)

NOTES:

1. MEDIAN CURB RAMP SURFACE WILL BE ADJUSTED (LOWERED OR RAISED) TO MATCH WORK ZONE SURFACE UNTIL STAGE 4.
2. PROVIDE PEDESTRIAN SIGNAGE AND TEMPORARY DEVICES IN ACCORDANCE WITH SDD, "TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION" UNTIL ACCOMMODATIONS CAN BE PROVIDED VIA PERMANENT SIDEWALK PLACEMENT.
3. TEMPORARY PEDESTRIAN ACCOMMODATIONS SHALL BE IN PLACE PRIOR TO NEW CURB RAMP AND SIGNAL WORK BEGINNING.
4. REFER TO TRAFFIC CONTROL STAGING PLAN STAGE 1 FOR OTHER TRAFFIC CONTROL DETAILS



2

LEGEND

- WORK ZONE
- SIGN ON PERMANENT SUPPORT / TEMPORARY SUPPORT
- TEMPORARY PEDESTRIAN SURFACE ASPHALT
- TEMPORARY PEDESTRIAN SURFACE PLATE
- TEMPORARY CURB RAMP
- TEMPORARY DETECTABLE WARNING FIELD
- TEMPORARY PEDESTRIAN BARRICADE
- TEMPORARY AUDIBLE MESSAGE DEVICE (EXACT PLACEMENT BASED UPON FIELD CONDITIONS)
- DETOUR ROUTE
- DIRECTION OF TRAFFIC

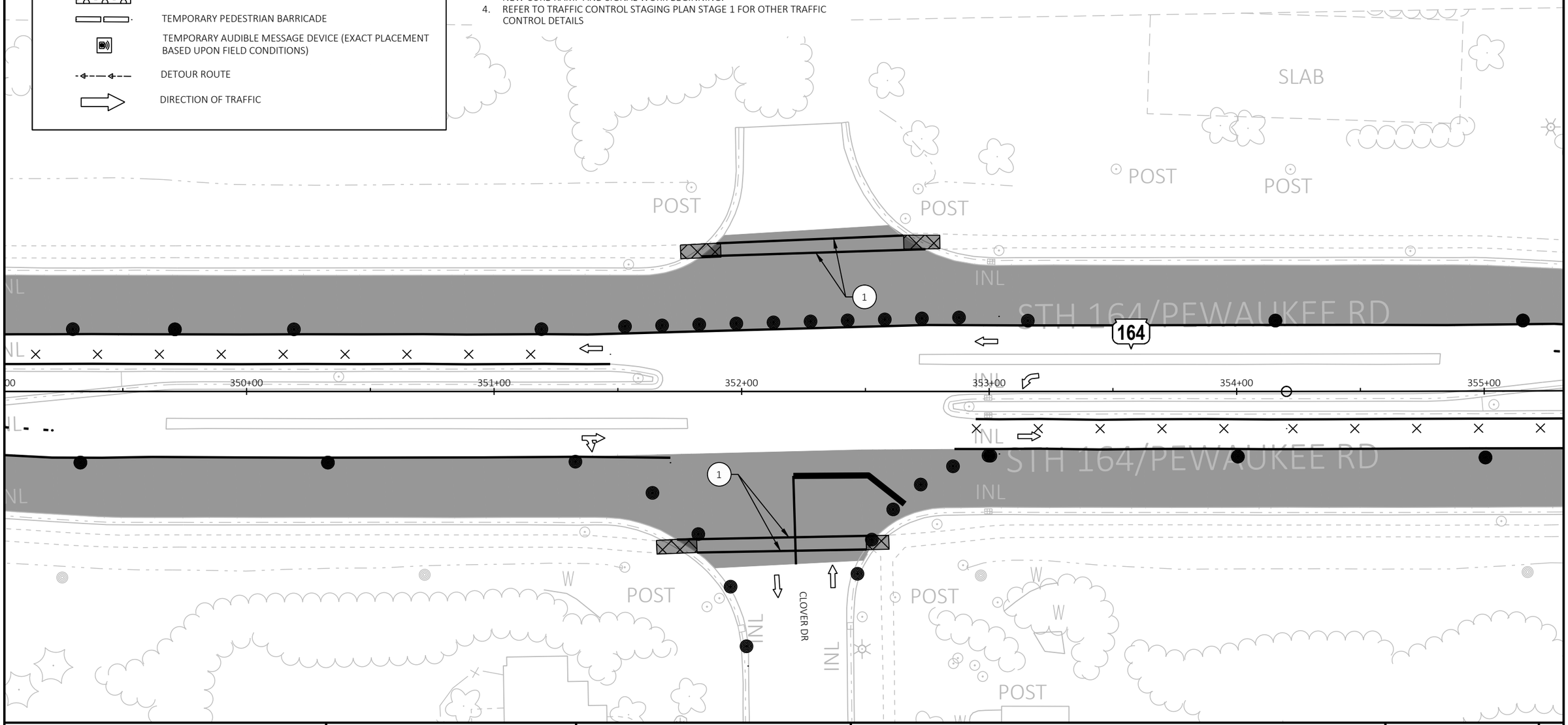
TEMPORARY MARKING LEGEND

(1) TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)

N

NOTES:

1. MEDIAN CURB RAMP SURFACE WILL BE ADJUSTED (LOWERED OR RAISED) TO MATCH WORK ZONE SURFACE UNTIL STAGE 4.
2. PROVIDE PEDESTRIAN SIGNAGE AND TEMPORARY DEVICES IN ACCORDANCE WITH SDD, "TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION" UNTIL ACCOMMODATIONS CAN BE PROVIDED VIA PERMANENT SIDEWALK PLACEMENT.
3. TEMPORARY PEDESTRIAN ACCOMMODATIONS SHALL BE IN PLACE PRIOR TO NEW CURB RAMP AND SIGNAL WORK BEGINNING.
4. REFER TO TRAFFIC CONTROL STAGING PLAN STAGE 1 FOR OTHER TRAFFIC CONTROL DETAILS



PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL - PHASE 2 - STAGE 1	SHEET 420	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S5.DWG
LAYOUT NAME - PED ACCOM - CLOVER DR

PLOT DATE : 4/29/2026 6:56 AM PLOT BY : DILLINGHAM, MATTHEW PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- WORK ZONE
- SIGN ON PERMANENT SUPPORT / TEMPORARY SUPPORT
- TEMPORARY PEDESTRIAN SURFACE ASPHALT
- TEMPORARY PEDESTRIAN SURFACE PLATE
- TEMPORARY CURB RAMP
- TEMPORARY DETECTABLE WARNING FIELD
- TEMPORARY PEDESTRIAN BARRICADE
- TEMPORARY AUDIBLE MESSAGE DEVICE (EXACT PLACEMENT BASED UPON FIELD CONDITIONS)
- DETOUR ROUTE
- DIRECTION OF TRAFFIC

TEMPORARY MARKING LEGEND

(1) TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)

N

PROSPECT CIR

PROSPECT CIRCLE

FLAG

POST

STH 164/PEWAUKEE RD

INL

164

392+00

393+00

394+00

395+00

396+00

397+00

BUSINESS FRONTAGE ROAD

WORK ON EAST APPROACH TO BE COMPLETED BY OTHERS IN 2026

NOTES:

1. MEDIAN CURB RAMP SURFACE WILL BE ADJUSTED (LOWERED OR RAISED) TO MATCH WORK ZONE SURFACE UNTIL STAGE 4.
2. PROVIDE PEDESTRIAN SIGNAGE AND TEMPORARY DEVICES IN ACCORDANCE WITH SDD, "TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION" UNTIL ACCOMMODATIONS CAN BE PROVIDED VIA PERMANENT SIDEWALK PLACEMENT.
3. TEMPORARY PEDESTRIAN ACCOMMODATIONS SHALL BE IN PLACE PRIOR TO NEW CURB RAMP AND SIGNAL WORK BEGINNING.
4. REFER TO TRAFFIC CONTROL STAGING PLAN STAGE 1 FOR OTHER TRAFFIC CONTROL DETAILS

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL - PHASE 2 - STAGE 1	SHEET 421	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S5.DWG
LAYOUT NAME - PED ACCOM - PROSPECT CR

PLOT DATE : 4/29/2026 6:56 AM PLOT BY : DILLINGHAM, MATTHEW PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

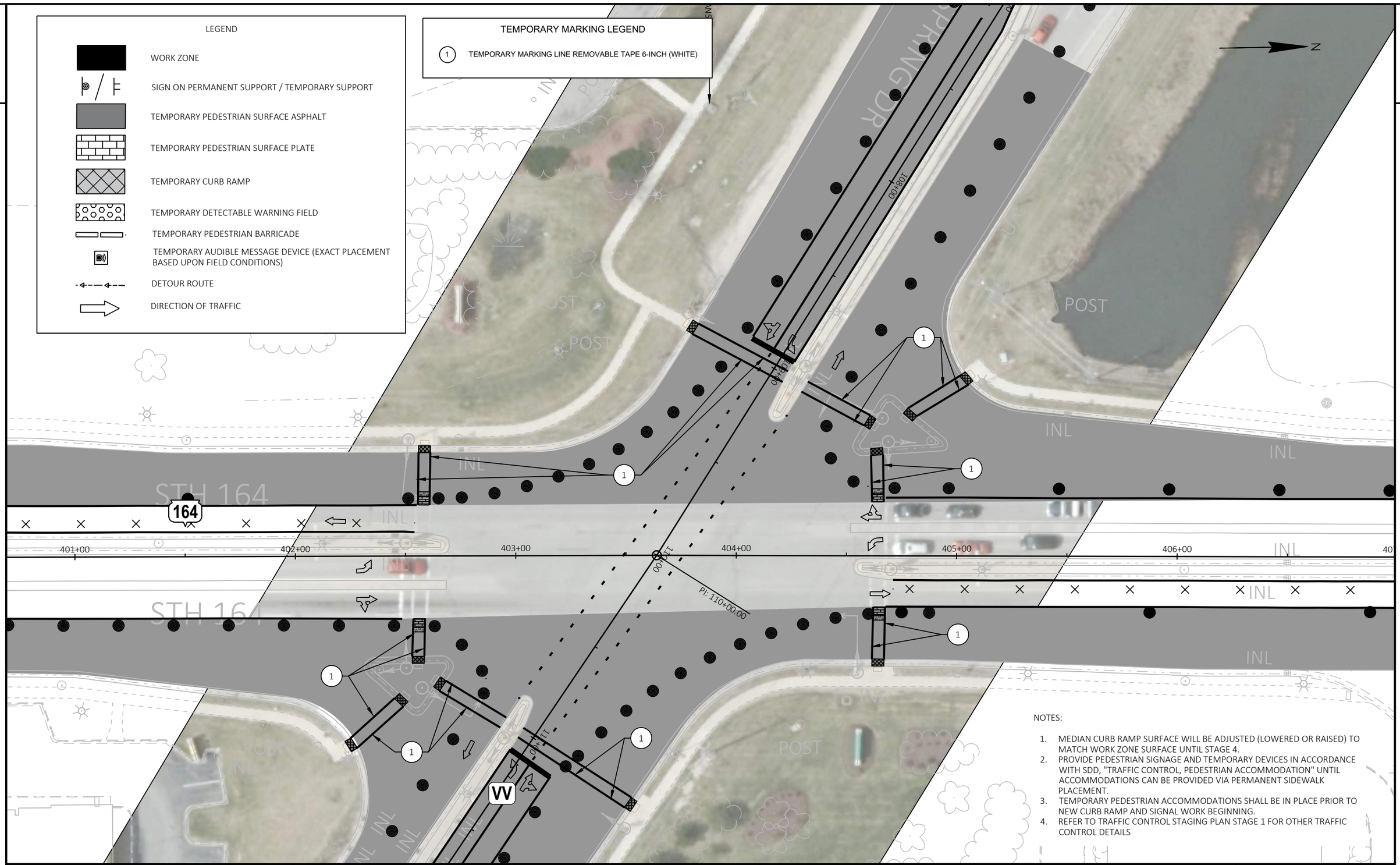
2

LEGEND

- WORK ZONE
- SIGN ON PERMANENT SUPPORT / TEMPORARY SUPPORT
- TEMPORARY PEDESTRIAN SURFACE ASPHALT
- TEMPORARY PEDESTRIAN SURFACE PLATE
- TEMPORARY CURB RAMP
- TEMPORARY DETECTABLE WARNING FIELD
- TEMPORARY PEDESTRIAN BARRICADE
- TEMPORARY AUDIBLE MESSAGE DEVICE (EXACT PLACEMENT BASED UPON FIELD CONDITIONS)
- DETOUR ROUTE
- DIRECTION OF TRAFFIC

TEMPORARY MARKING LEGEND

1 TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)



NOTES:

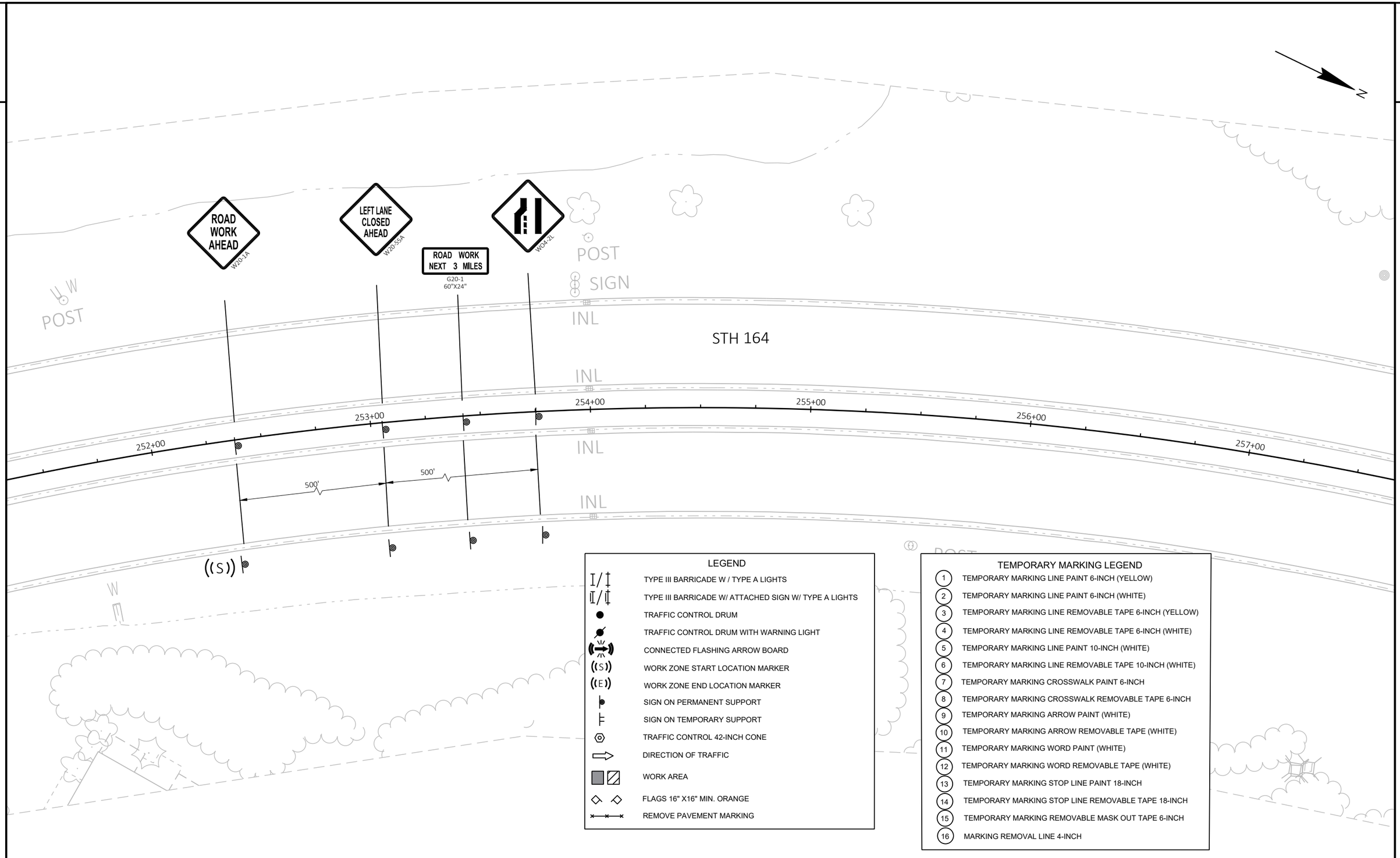
1. MEDIAN CURB RAMP SURFACE WILL BE ADJUSTED (LOWERED OR RAISED) TO MATCH WORK ZONE SURFACE UNTIL STAGE 4.
2. PROVIDE PEDESTRIAN SIGNAGE AND TEMPORARY DEVICES IN ACCORDANCE WITH SDD, "TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION" UNTIL ACCOMMODATIONS CAN BE PROVIDED VIA PERMANENT SIDEWALK PLACEMENT.
3. TEMPORARY PEDESTRIAN ACCOMMODATIONS SHALL BE IN PLACE PRIOR TO NEW CURB RAMP AND SIGNAL WORK BEGINNING.
4. REFER TO TRAFFIC CONTROL STAGING PLAN STAGE 1 FOR OTHER TRAFFIC CONTROL DETAILS

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	PEDESTRIAN ACCOMODATIONS - CTH VV	SHEET 422	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S5.DWG
LAYOUT NAME - PED ACCOM-CTH VV

PLOT DATE : 4/29/2026 6:57 AM PLOT BY : DILLINGHAM, MATTHEW PLOT NAME : PLOT SCALE : 1 IN:40 FT

2



PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA & WASHINGTON	TRAFFIC CONTROL - PHASE 2 - STAGE 2	SHEET 423	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S6.DWG
LAYOUT NAME - 23
PLOT DATE : 4/29/2026 6:23 AM
PLOT BY : DILLINGHAM, MATTHEW
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

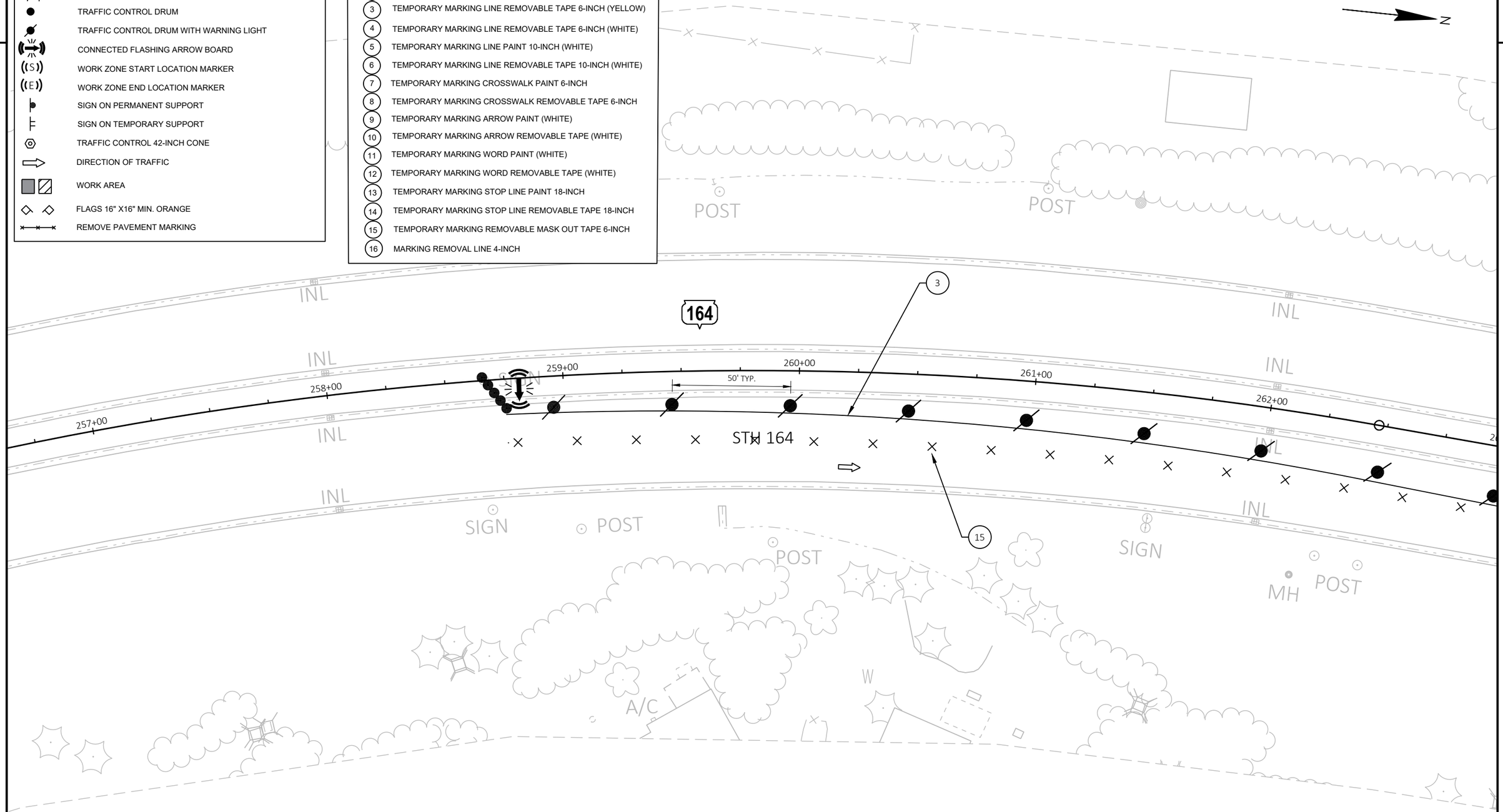
2

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH



PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA & WASHINGTON	TRAFFIC CONTROL - PHASE 2 - STAGE 2	SHEET 424	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S6.DWG
LAYOUT NAME - 24

PLOT DATE : 4/29/2026 6:23 AM PLOT BY : DILLINGHAM, MATTHEW PLOT NAME : PLOT SCALE : 1 IN:40 FT

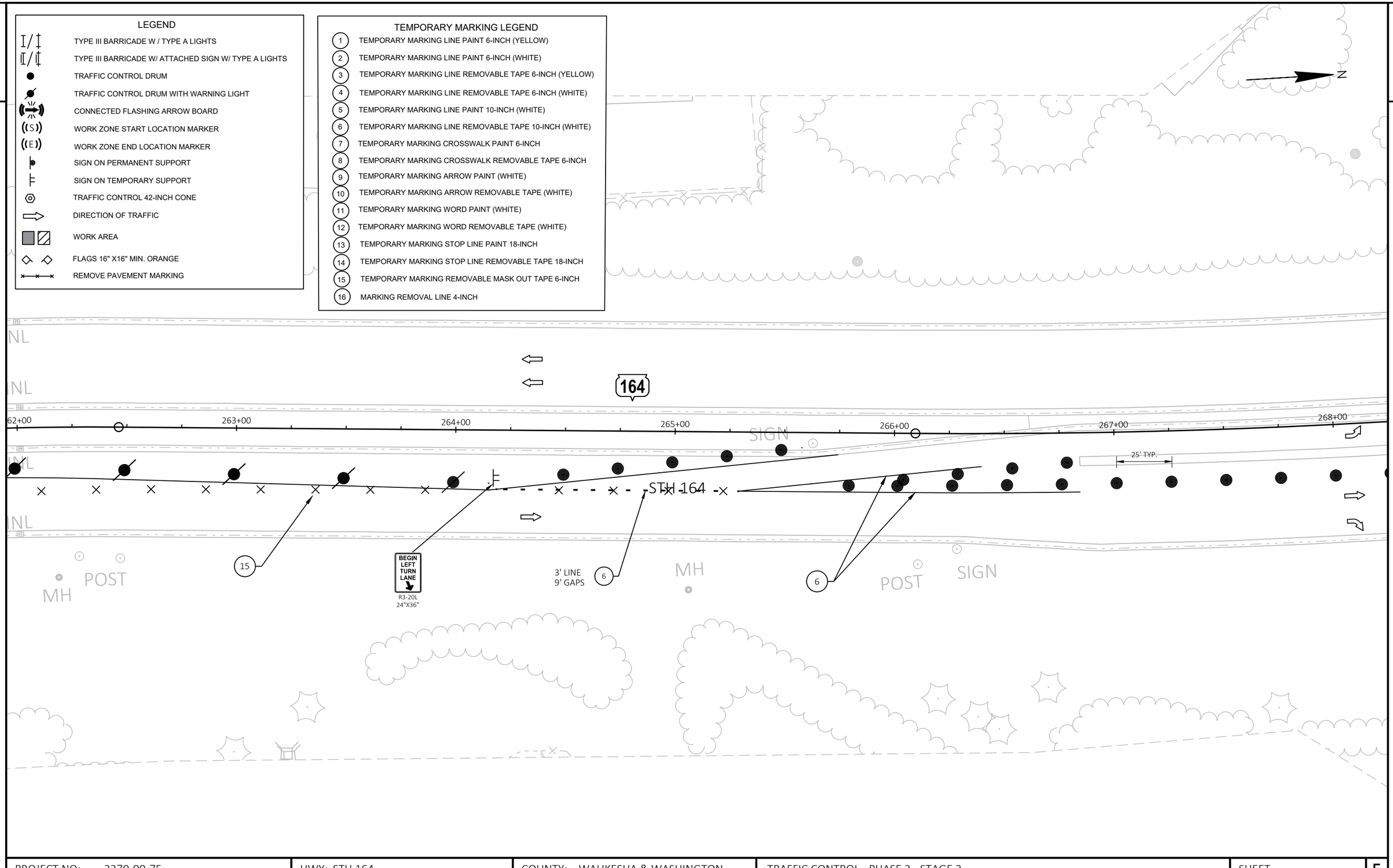
2

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH



PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA & WASHINGTON	TRAFFIC CONTROL - PHASE 2 - STAGE 2	SHEET 425	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S6.DWG
LAYOUT NAME - 25

PLOT DATE : 4/29/2026 6:23 AM PLOT BY : DILLINGHAM, MATTHEW PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

N

ROAD WORK AHEAD
W20-2A

END ROAD WORK
G20-2A
48"X24"

350' TYP.

SIGN
POST
INL

STH 164

164

268+00
269+00
270+00
271+00
272+00
273+00

25' TYP.
15' TYP.
100' TYP.

WO1-6
48" X 24"
TYPE III BARRICADE

END ROAD WORK
G20-2A
48"X24"

ROAD WORK AHEAD
W20-2A

LINDSAY RD
LINDSAY ROAD

MH
RIPRAP

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA & WASHINGTON	TRAFFIC CONTROL - PHASE 2 - STAGE 2	SHEET 426	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S6.DWG
LAYOUT NAME - 26
PLOT DATE : 4/29/2026 6:24 AM
PLOT BY : DILLINGHAM, MATTHEW
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

N

END ROAD WORK
G20-2A
48"X24"

POST
POST
RIPRAP
RIPRAP
RIPRAP
SIGN
SIGN
INL
INL
INL
INL
INL
INL
INL
MH
MH
164
273+00
274+00
275+00
276+00
277+00
278+00
50' TYP.
STH 164
WO1-6
48" X 24"
TYPE III BARRICADE
15
3
4

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA & WASHINGTON	TRAFFIC CONTROL - PHASE 2 - STAGE 2	SHEET 427	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S6.DWG
LAYOUT NAME - 27
PLOT DATE : 4/29/2026 6:24 AM
PLOT BY : DILLINGHAM, MATTHEW
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

2

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

N

25' TYP.

SIGN

BUMP
W0B-1

4
3
1
2
15

164

POST

SIGN

INL

278+00
279+00
280+00
281+00
282+00
283+00
284+00

100' TYP.

STH 164

WO1-6
48" X 24"

TYPE III BARRICADE

R11-2L
48" X 30"

LANE CLOSED

TYPE III BARRICADE

BUMP
W0B-1

1
2
3
4

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA & WASHINGTON	TRAFFIC CONTROL - PHASE 2 - STAGE 2	SHEET 428	E

2

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

N

WO1-6
48" X 24"
TYPE III BARRICADE

IPRAP
POST
POST
POST
SIGN
POST
INL
INL
MH
MH
INL
INL
INL
INL
100' TYP.
164
284+00
285+00
286+00
287+00
288+00
289+00
SIGN
SIGN
15' TYP.
25' TYP.
25' TYP.
STH 164
ONLY
3' LINE
9' GAPS
BEGIN LEFT TURN LANE
R3-20L
24"X36"
POST
POST
POST
POST
POST
RIPRAP

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA & WASHINGTON	TRAFFIC CONTROL - PHASE 2 - STAGE 2	SHEET 429	E

2

N

ROAD WORK AHEAD
W20-1A

SEVEN STONE ROAD

END ROAD WORK
G20-2A
48"X24"

WO1-6
48" X 24"

350' TYP.

TYPE III BARRICADE

RIPRAP

POST

SIGN

MH

INL

W

289+00

290+00

291+00

292+00

293+00

294+00

15' TYP.

100' TYP.

STH 164

164

WO1-6
48" X 24"

TYPE III BARRICADE

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA & WASHINGTON	TRAFFIC CONTROL - PHASE 2 - STAGE 2	SHEET 430	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S6.DWG
LAYOUT NAME - 30
PLOT DATE : 4/29/2026 6:25 AM
PLOT BY : DILLINGHAM, MATTHEW
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

N

2

SIGN

INL

MH

INL

294+00 295+00 296+00 297+00 298+00 299+00 300+0

POST

SIGN

INL

100' TYP.

164

STH 164

INL

SIGN

SIGN

1

2

1

2

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA & WASHINGTON	TRAFFIC CONTROL - PHASE 2 - STAGE 2	SHEET 431	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S6.DWG
LAYOUT NAME - 31

PLOT DATE : 4/29/2026 6:25 AM PLOT BY : DILLINGHAM, MATTHEW PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

N

W

SIGN

RIPRAP

1

2

INL

VIH

INL

300+00 301+00 302+00 303+00 304+00 305+00

SIGN SIGN

100' TYP.

164 STH 164

INL

SIGN SIGN SIGN

POST

1 2

W

INL

SIGN

2

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA & WASHINGTON	TRAFFIC CONTROL - PHASE 2 - STAGE 2	SHEET 432	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S6.DWG
LAYOUT NAME - 32

PLOT DATE : 4/29/2026 6:25 AM PLOT BY : DILLINGHAM, MATTHEW PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

N

2

1

2

100' TYP.

164

305+00 306+00 307+00 308+00 309+00 310+00

25' TYP.

25' TYP.

STH 164

3' LINE
9' GAPS

5

2

9

1

BEGIN LEFT TURN LANE
R3-20L
24"X36"

BEGIN RIGHT TURN LANE
R3-20R
24"X36"

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA & WASHINGTON	TRAFFIC CONTROL - PHASE 2 - STAGE 2	SHEET 433 E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S6.DWG
LAYOUT NAME - 33

PLOT DATE : 4/29/2026 6:25 AM PLOT BY : DILLINGHAM, MATTHEW PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

N

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

WO1-6 48" X 24" TYPE III BARRICADE

WO1-6 48" X 24" TYPE III BARRICADE

WO1-6 48" X 24" TYPE III BARRICADE

WO1-6 48" X 24" TYPE III BARRICADE

3' LINE 9' SPACE

2' LINE 6' SPACE

3' LINE 9' SPACE

15' TYP.

25' TYP.

100' TYP.

310+00 311+00 312+00 313+00 314+00 315+00

49+00 50+00 51+00

STH 164

164

ONLY

NOTES:

1. MEDIAN CURB RAMP SURFACE WILL BE ADJUSTED (LOWERED OR RAISED) TO MATCH WORK ZONE SURFACE UNTIL STAGE 4.
2. PROVIDE PEDESTRIAN SIGNAGE AND TEMPORARY DEVICES IN ACCORDANCE WITH SDD, "TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION" UNTIL ACCOMMODATIONS CAN BE PROVIDED VIA PERMANENT SIDEWALK PLACEMENT.
3. TEMPORARY PEDESTRIAN ACCOMMODATIONS SHALL BE IN PLACE PRIOR TO NEW CURB RAMP AND SIGNAL WORK BEGINNING.
4. REFER TO TRAFFIC CONTROL STAGING PLAN STAGE 2 FOR OTHER TRAFFIC CONTROL DETAILS

TEMPORARY MARKING LEGEND

1	TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2	TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3	TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4	TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5	TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6	TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7	TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8	TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9	TEMPORARY MARKING ARROW PAINT (WHITE)
10	TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11	TEMPORARY MARKING WORD PAINT (WHITE)
12	TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13	TEMPORARY MARKING STOP LINE PAINT 18-INCH
14	TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15	TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16	MARKING REMOVAL LINE 4-INCH

K

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA & WASHINGTON	TRAFFIC CONTROL - PHASE 2 - STAGE 2	SHEET 434	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S6.DWG
LAYOUT NAME - 34
PLOT DATE : 4/29/2026 6:26 AM
PLOT BY : DILLINGHAM, MATTHEW
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

N

BEGIN LEFT TURN LANE
R3-20L
24"X36"

5 3' LINE 9' GAPS

50' TYP.

25' TYP.

100' TYP.

STH 164

15+00 316+00 317+00 318+00 319+00 320+00 321+00

164

SIGN INL MH

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

POST FLAG

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA & WASHINGTON	TRAFFIC CONTROL - PHASE 2 - STAGE 2	SHEET 435 E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S6.DWG
LAYOUT NAME - 35
PLOT DATE : 4/29/2026 6:26 AM
PLOT BY : DILLINGHAM, MATTHEW
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

NOTES:

1. MEDIAN CURB RAMP SURFACE WILL BE ADJUSTED (LOWERED OR RAISED) TO MATCH WORK ZONE SURFACE UNTIL STAGE 4.
2. PROVIDE PEDESTRIAN SIGNAGE AND TEMPORARY DEVICES IN ACCORDANCE WITH SDD, "TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION" UNTIL ACCOMMODATIONS CAN BE PROVIDED VIA PERMANENT SIDEWALK PLACEMENT.
3. TEMPORARY PEDESTRIAN ACCOMMODATIONS SHALL BE IN PLACE PRIOR TO NEW CURB RAMP AND SIGNAL WORK BEGINNING.
4. REFER TO TRAFFIC CONTROL STAGING PLAN STAGE 2 FOR OTHER TRAFFIC CONTROL DETAILS

N

WO1-6 48" X 24"
TYPE III BARRICADE

9 11 5 2 9 1 5 3" LINE 9' GAPS

BEGIN LEFT TURN LANE
R3-20L 24"X36"

15' TYP.

25' TYP.

321+00 322+00 323+00 324+00 325+00 326+00

100' TYP.

164 STH 164

REFER TO PEDESTRIAN ACCOMMODATIONS AND PEDESTRIAN DETOUR

200' TYP.

WO1-6 48" X 24"
TYPE III BARRICADE

ROAD WORK AHEAD
W20-1A

END ROAD WORK
G20-2A
48"X24"

S CORPORATE CIR
S CORPORATE CIRCLE

RIPRAP SIGN POST MH W INL FLAG

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

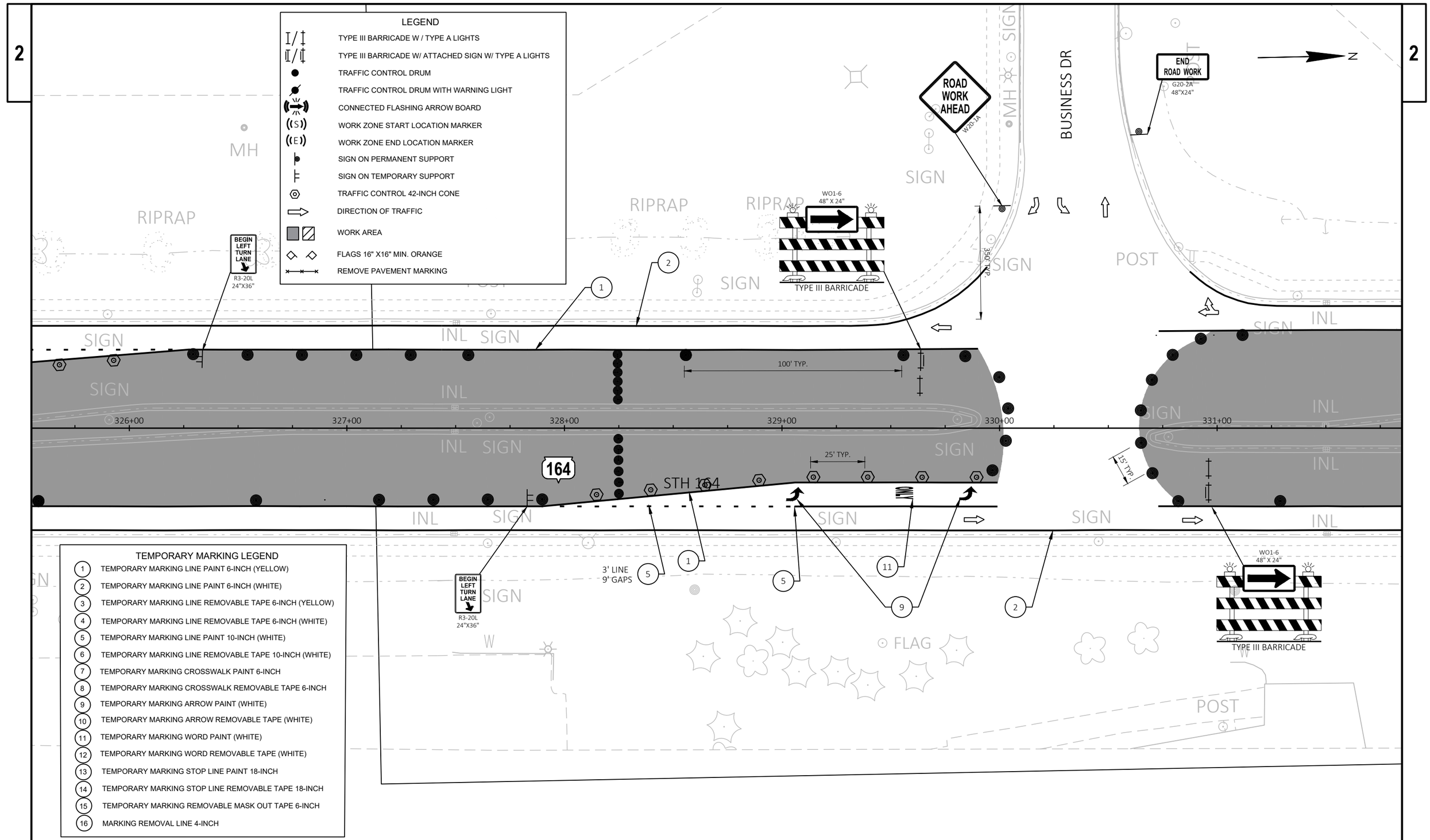
PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA & WASHINGTON	TRAFFIC CONTROL - PHASE 2 - STAGE 2	SHEET 436	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S6.DWG
LAYOUT NAME - 36
PLOT DATE : 4/29/2026 6:26 AM
PLOT BY : DILLINGHAM, MATTHEW
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING



TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA & WASHINGTON	TRAFFIC CONTROL - PHASE 2 - STAGE 2	SHEET 437	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S6.DWG
LAYOUT NAME - 37
PLOT DATE : 4/29/2026 6:27 AM
PLOT BY : DILLINGHAM, MATTHEW
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

2

N

POST

RIPRAP

RIPRAP

1

2

POST

INL

SIGN

INL

164

INL

INL

331+00 332+00 333+00 334+00 335+00 336+00 337+00

INL

INL

100' TYP.

STH 164

INL

1

2

POS

PO

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
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11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA & WASHINGTON	TRAFFIC CONTROL - PHASE 2 - STAGE 2	SHEET 438	E

2

2

N

RIPRAP

POST

POST

RIPRAP

1

2

INL

164

100' TYP.

INL

337+00

338+00

339+00

SIGN

340+00

SIGN

341+00

342+00

INL

25' TYP.

STH 164

INL

1

BEGIN LEFT TURN LANE

R3-20L 24"X36"

3' LINE 9' GAPS

5

9

5

11

2

POST

W

FLAG

TEMPORARY MARKING LEGEND

1	TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2	TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3	TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4	TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5	TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6	TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7	TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8	TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9	TEMPORARY MARKING ARROW PAINT (WHITE)
10	TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11	TEMPORARY MARKING WORD PAINT (WHITE)
12	TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13	TEMPORARY MARKING STOP LINE PAINT 18-INCH
14	TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15	TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16	MARKING REMOVAL LINE 4-INCH

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA & WASHINGTON	TRAFFIC CONTROL - PHASE 2 - STAGE 2	SHEET 439	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S6.DWG
LAYOUT NAME - 39

PLOT DATE : 4/29/2026 6:27 AM PLOT BY : DILLINGHAM, MATTHEW PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

N

ROAD WORK AHEAD
W20-1A

RICHMOND RD

RIPRAP

SIGN

RICHMOND ROAD

SIGN

END ROAD WORK
G20-2A
48"X24"

RIPRAP

POST

W01-6
48" X 24"

TYPE III BARRICADE

350' TYP.

POST

SIGN

SIGN

9 11 2 5 9 5 3' LINE 9' GAPS 1

BEGIN LEFT TURN LANE
R3-20L
24"X36"

POST

MH

INL

SIGN

25' TYP.

SIGN

342+00 343+00 344+00 345+00 346+00 347+00

SIGN

INL

SIGN

15' TYP.

100' TYP.

164

SIGN

INL

5 11 2 1 9

POST

SIGN

W01-6
48" X 24"

RIPRAP

POST

350' TYP.

TYPE III BARRICADE

N CORPORATE ROAD

N CORPORATE CIR

SIGN

END ROAD WORK
G20-2A
48"X24"

ROAD WORK AHEAD
W20-1A

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
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6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA & WASHINGTON	TRAFFIC CONTROL - PHASE 2 - STAGE 2	SHEET 440	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S6.DWG
LAYOUT NAME - 40

PLOT DATE : 4/29/2026 6:27 AM PLOT BY : DILLINGHAM, MATTHEW PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

2

TEMPORARY MARKING LEGEND

1	TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2	TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3	TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4	TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5	TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6	TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7	TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8	TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9	TEMPORARY MARKING ARROW PAINT (WHITE)
10	TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11	TEMPORARY MARKING WORD PAINT (WHITE)
12	TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13	TEMPORARY MARKING STOP LINE PAINT 18-INCH
14	TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15	TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16	MARKING REMOVAL LINE 4-INCH

N

WO1-6
48" X 24"
TYPE III BARRICADE

BEGIN LEFT TURN LANE
R3-20L
24"X36"

100' TYP.

347+00 348+00 349+00 350+00 351+00 352+00 353+0

164

STH 164

25' TYP.

15' TYP.

200' TYP.

3' LINE
9' GAPS

BEGIN LEFT TURN LANE
R3-20L
24"X36"

END ROAD WORK
G20-2A
48"X24"

ROAD WORK AHEAD
W20-1A

CLOVER DRIVE
CLOVER DR

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA & WASHINGTON	TRAFFIC CONTROL - PHASE 2 - STAGE 2	SHEET 441 E

2

N

SLAB

SLAB

POST

POST

POST

SIGN

SIGN

SIGN

SIGN

INL

INL

INL

INL

INL

9

11

5

2

9

1

3' LINE
9' GAPS

5

BEGIN LEFT TURN LANE
R3-20L
24"X36"

25' TYP.

353+00

354+00

355+00

356+00

357+00

358+00

15' TYP.

100' TYP.

STH 164

200' TYP.

WO1-6
48" X 24"

TYPE III BARRICADE

ROAD WORK AHEAD
W20-1A

CLOVER DR

MH

W

1

2

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA & WASHINGTON	TRAFFIC CONTROL - PHASE 2 - STAGE 2	SHEET 442	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S6.DWG
LAYOUT NAME - 42
PLOT DATE : 4/29/2026 6:28 AM
PLOT BY : DILLINGHAM, MATTHEW
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

2

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

N

1

2

164

INL

INL

INL

358+00

359+00

SIGN

360+00

361+00

362+00

363+00

100' TYP.

STH 164

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

1

2

POST

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA & WASHINGTON	TRAFFIC CONTROL - PHASE 2 - STAGE 2	SHEET 443	E

2

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

N

2

POST

1

2

INL

INL

164

INL

INL

363+00 364+00 365+00 366+00 367+00 368+00

INL

INL

100' TYP.

STH 164

INL

INL

1

2

POST

POST

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA & WASHINGTON	TRAFFIC CONTROL - PHASE 2 - STAGE 2	SHEET 444	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S6.DWG
LAYOUT NAME - 44

PLOT DATE : 4/29/2026 6:29 AM PLOT BY : DILLINGHAM, MATTHEW PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

2

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

N

POST

INL INL

164

INL INL

68+00 369+00 370+00 371+00 372+00 373+00 374+00

100' TYP.

STH 164

INL INL

POST

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA & WASHINGTON	TRAFFIC CONTROL - PHASE 2 - STAGE 2	SHEET 445	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S6.DWG
LAYOUT NAME - 45
PLOT DATE : 4/29/2026 6:29 AM
PLOT BY : DILLINGHAM, MATTHEW
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

2

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

N

POST

POST

INL

INL

INL

INL

164

374+00

375+00

376+00

377+00

378+00

379+00

SIGN

SIGN

100' TYP.

STH 164

1

2

1

2

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA & WASHINGTON	TRAFFIC CONTROL - PHASE 2 - STAGE 2	SHEET 446	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S6.DWG
LAYOUT NAME - 46

PLOT DATE : 4/29/2026 6:29 AM PLOT BY : DILLINGHAM, MATTHEW PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

2

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

N

SIGN

SIGN

INL

164

INL

379+00

380+00

948

SIGN

381+00

382+00

383+00

384+00

INL

100' TYP.

STH 164

SIGN

INL

1

2

1

2

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA & WASHINGTON	TRAFFIC CONTROL - PHASE 2 - STAGE 2	SHEET 447	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S6.DWG
LAYOUT NAME - 47

PLOT DATE : 4/29/2026 6:29 AM PLOT BY : DILLINGHAM, MATTHEW PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

2

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

N

RIPRAP MH INL BERM

POST SIGN

140+00

BEGIN LEFT TURN LANE
R3-20L
24"X36"

INL MH INL MH INL

164

384+00 385+00 386+00 387+00 388+00 389+00 390+00

141+00

100' TYP.

25' TYP.

STH 164

POST MH POST SIGN

944 943 942 941

142+00

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA & WASHINGTON	TRAFFIC CONTROL - PHASE 2 - STAGE 2	SHEET 448	E

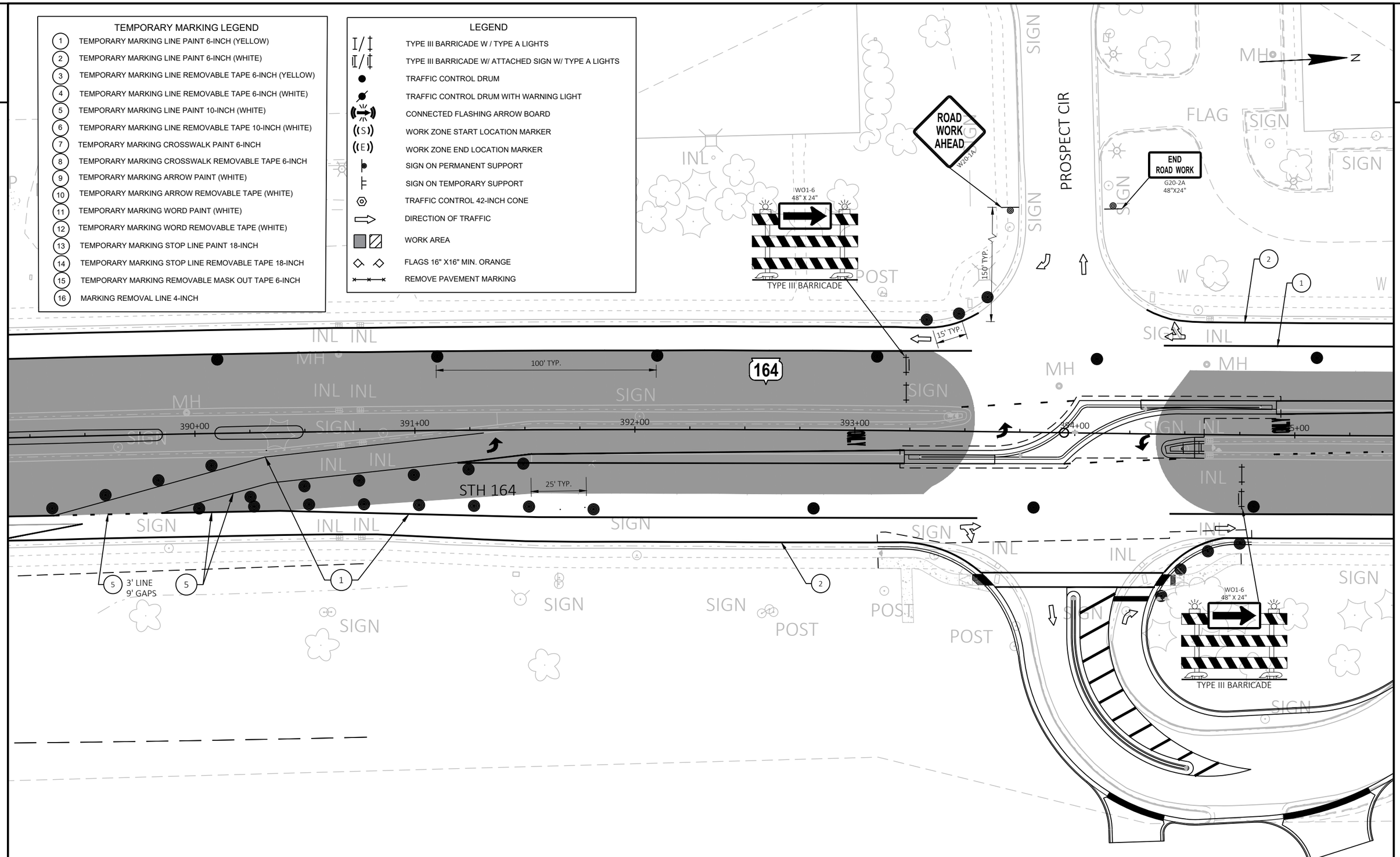
2

TEMPORARY MARKING LEGEND

1	TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2	TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3	TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4	TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5	TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6	TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7	TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8	TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9	TEMPORARY MARKING ARROW PAINT (WHITE)
10	TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11	TEMPORARY MARKING WORD PAINT (WHITE)
12	TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13	TEMPORARY MARKING STOP LINE PAINT 18-INCH
14	TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15	TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16	MARKING REMOVAL LINE 4-INCH

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING



PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA & WASHINGTON	TRAFFIC CONTROL - PHASE 2 - STAGE 2	SHEET 449	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S6.DWG
LAYOUT NAME - 49

PLOT DATE : 4/29/2026 6:30 AM PLOT BY : DILLINGHAM, MATTHEW PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

TEMPORARY MARKING LEGEND

1	TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2	TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3	TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4	TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5	TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6	TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7	TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8	TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9	TEMPORARY MARKING ARROW PAINT (WHITE)
10	TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11	TEMPORARY MARKING WORD PAINT (WHITE)
12	TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13	TEMPORARY MARKING STOP LINE PAINT 18-INCH
14	TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15	TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16	MARKING REMOVAL LINE 4-INCH

N

25' TYP.

3' LINE
9' GAPS

100' TYP.

396+00 397+00 398+00 399+00 400+00

164

STH 164

BEGIN LEFT TURN LANE
R3-20L
24"X36"

BEGIN RIGHT TURN LANE
R3-20R
24"X36"

LEGEND

	TYPE III BARRICADE W / TYPE A LIGHTS
	TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
	TRAFFIC CONTROL DRUM
	TRAFFIC CONTROL DRUM WITH WARNING LIGHT
	CONNECTED FLASHING ARROW BOARD
(S)	WORK ZONE START LOCATION MARKER
(E)	WORK ZONE END LOCATION MARKER
	SIGN ON PERMANENT SUPPORT
	SIGN ON TEMPORARY SUPPORT
	TRAFFIC CONTROL 42-INCH CONE
	DIRECTION OF TRAFFIC
	WORK AREA
	FLAGS 16" X16" MIN. ORANGE
	REMOVE PAVEMENT MARKING

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA & WASHINGTON	TRAFFIC CONTROL - PHASE 2 - STAGE 2	SHEET 450	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S6.DWG
LAYOUT NAME - 50

PLOT DATE : 4/29/2026 6:30 AM PLOT BY : DILLINGHAM, MATTHEW PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

WO1-6 48" X 24"
TYPE III BARRICADE

100' TYP.
15' TYP.
25' TYP.
400+00
401+00
402+00
403+00
404+00
405+00
406+00
106+00
109+00
111+00
2' LINE 6' GAPS
3' LINE 9' GAPS
ONLY
REFER TO PEDESTRIAN ACCOMMODATIONS AND PEDESTRIAN DETOUR
STH 164
SILVER SPRING DRIVE
N

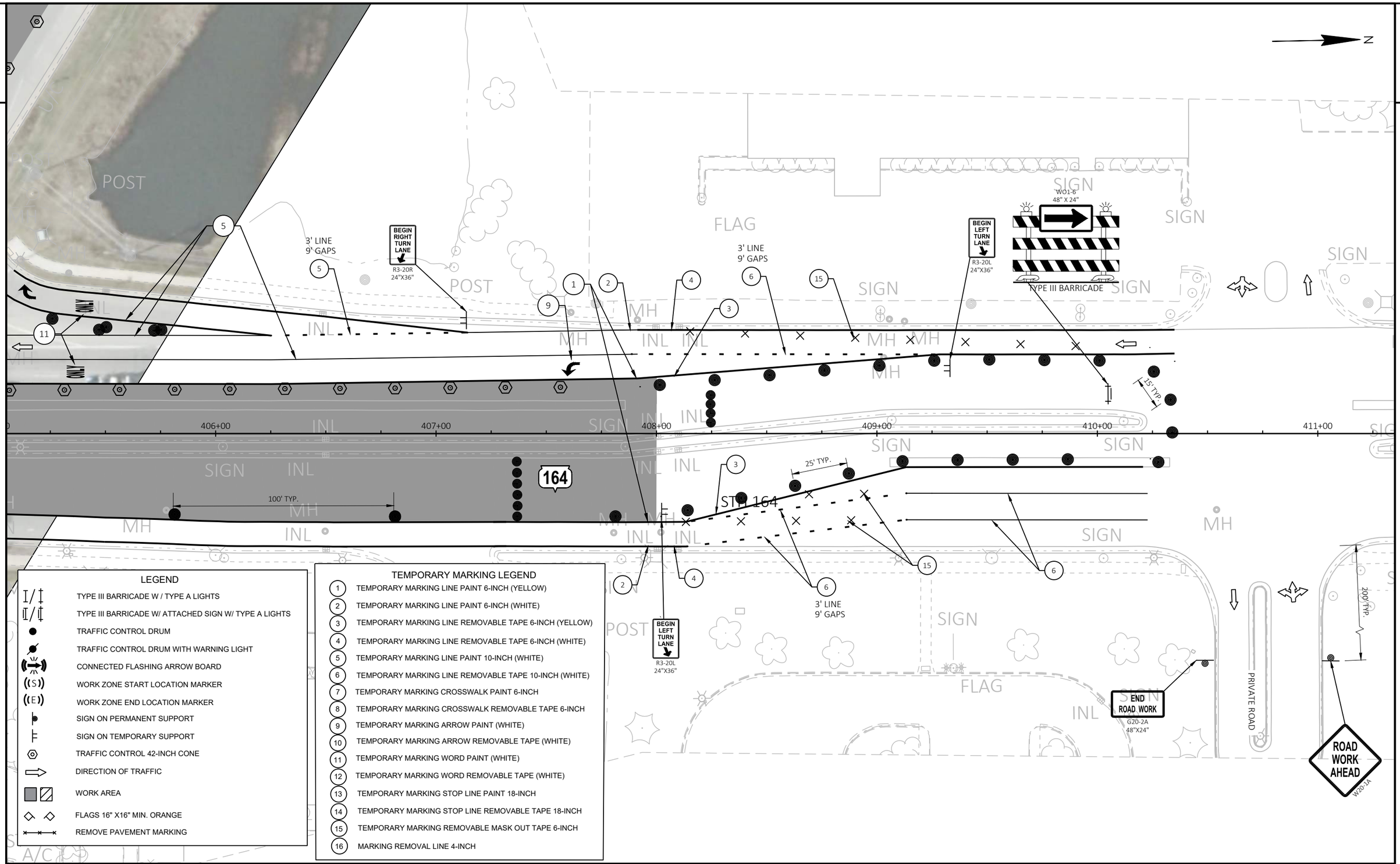
NOTES:

1. MEDIAN CURB RAMP SURFACE WILL BE ADJUSTED (LOWERED OR RAISED) TO MATCH WORK ZONE SURFACE UNTIL STAGE 4.
2. PROVIDE PEDESTRIAN SIGNAGE AND TEMPORARY DEVICES IN ACCORDANCE WITH SDD, "TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION" UNTIL ACCOMMODATIONS CAN BE PROVIDED VIA PERMANENT SIDEWALK PLACEMENT.
3. TEMPORARY PEDESTRIAN ACCOMMODATIONS SHALL BE IN PLACE PRIOR TO NEW CURB RAMP AND SIGNAL WORK BEGINNING.
4. REFER TO TRAFFIC CONTROL STAGING PLAN STAGE 2 FOR OTHER TRAFFIC CONTROL DETAILS

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA & WASHINGTON	TRAFFIC CONTROL - PHASE 2 - STAGE 2	SHEET 451	E



LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA & WASHINGTON	TRAFFIC CONTROL - PHASE 2 - STAGE 2	SHEET 452	E

2

N

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

WO1-6
48" X 24"
TYPE III BARRICADE

4
6
15
6 3' LINE 9' GAPS
3

50' TYP.

411+00 412+00 413+00 414+00 415+00 416+00

STH 164

164

200' TYP.

END ROAD WORK
G20-2A
48"X24"

ROAD WORK AHEAD
W20-1A

END ROAD WORK
G20-2A
48"X24"

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA & WASHINGTON	TRAFFIC CONTROL - PHASE 2 - STAGE 2	SHEET 453	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S6.DWG
LAYOUT NAME - 53
PLOT DATE : 4/29/2026 6:31 AM
PLOT BY : DILLINGHAM, MATTHEW
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

N

164

50' TYP.

416+00 417+00 418+00 419+00 420+00 421+00

STH 164

200' TYP.

STONEGATE CT

STONEGATE COURT

END ROAD WORK
G20-2A
48"X24"

ROAD WORK AHEAD
W20-1A

2

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA & WASHINGTON	TRAFFIC CONTROL - PHASE 2 - STAGE 2	SHEET 454	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S6.DWG
LAYOUT NAME - 54

PLOT DATE : 4/29/2026 6:31 AM PLOT BY : DILLINGHAM, MATTHEW PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

2

N

SIGN

SIGN

UNION PACIFIC

UPRR

W

SIGN

INL

SIGN

SIGN

POST

SIGN

BEGIN LEFT TURN LANE

R3-20L 24"X36"

3' LINE 9' GAP

6

6

15

50' TYP.

MH

MH

21+00

INL

422+00

423+00

424+00

425+00

426+00

427+00

SIGN

SIGN

SIGN

GN

INL

3

MH

164

STH 164

SIGN

SIGN

W

WALLS

SIGN

SIGN

W

RIPRAP

W

A/C

SIGN

WALLS

W

RIPRAP

W

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

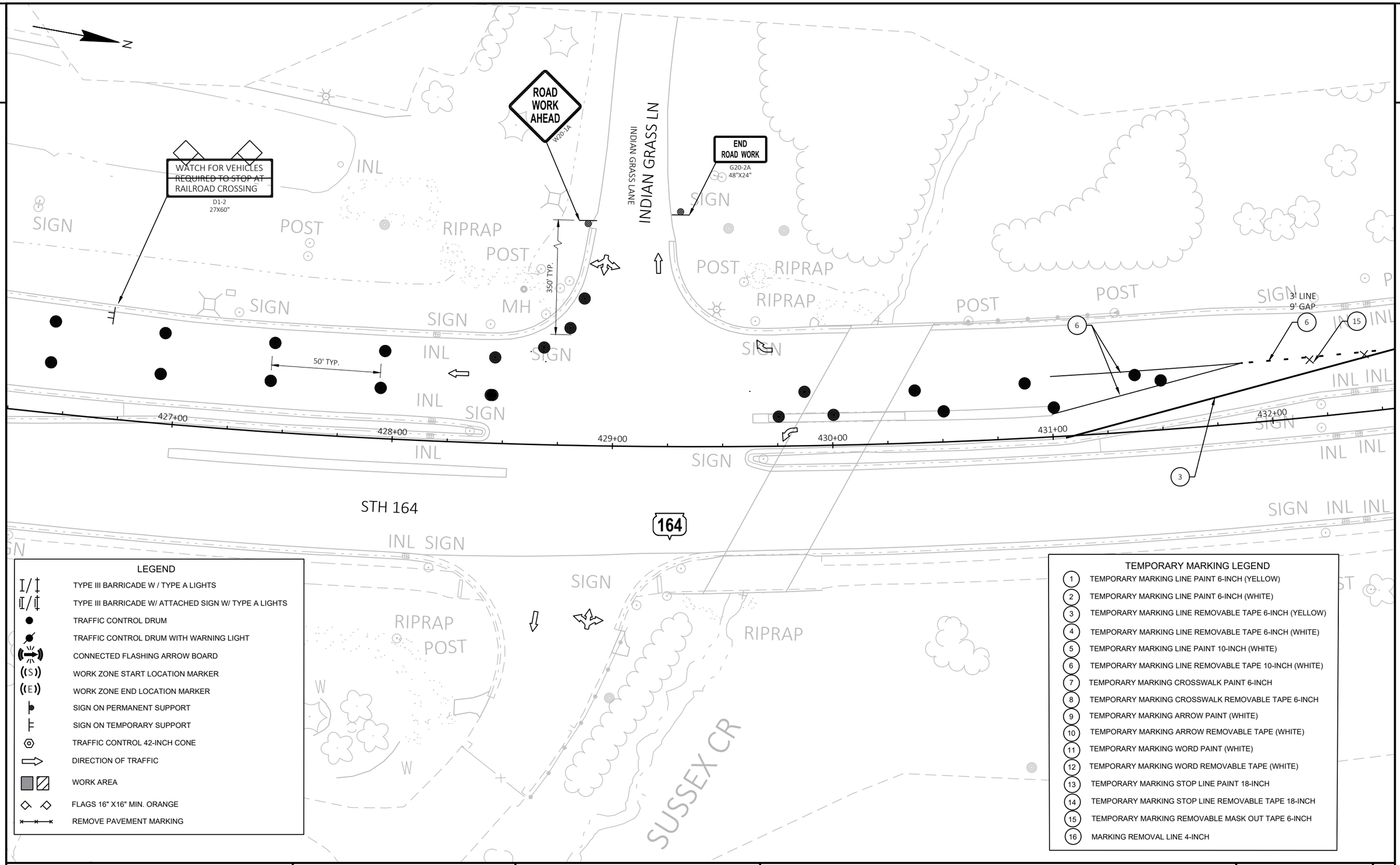
PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA & WASHINGTON	TRAFFIC CONTROL - PHASE 2 - STAGE 2	SHEET 455	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S6.DWG
LAYOUT NAME - 55

PLOT DATE : 4/29/2026 6:32 AM PLOT BY : DILLINGHAM, MATTHEW PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2



LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA & WASHINGTON	TRAFFIC CONTROL - PHASE 2 - STAGE 2	SHEET 456	E

2

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

BEGIN RIGHT TURN LANE
R3-20R
24"X36"

BEGIN LEFT TURN LANE
R3-20L
24"X36"

164

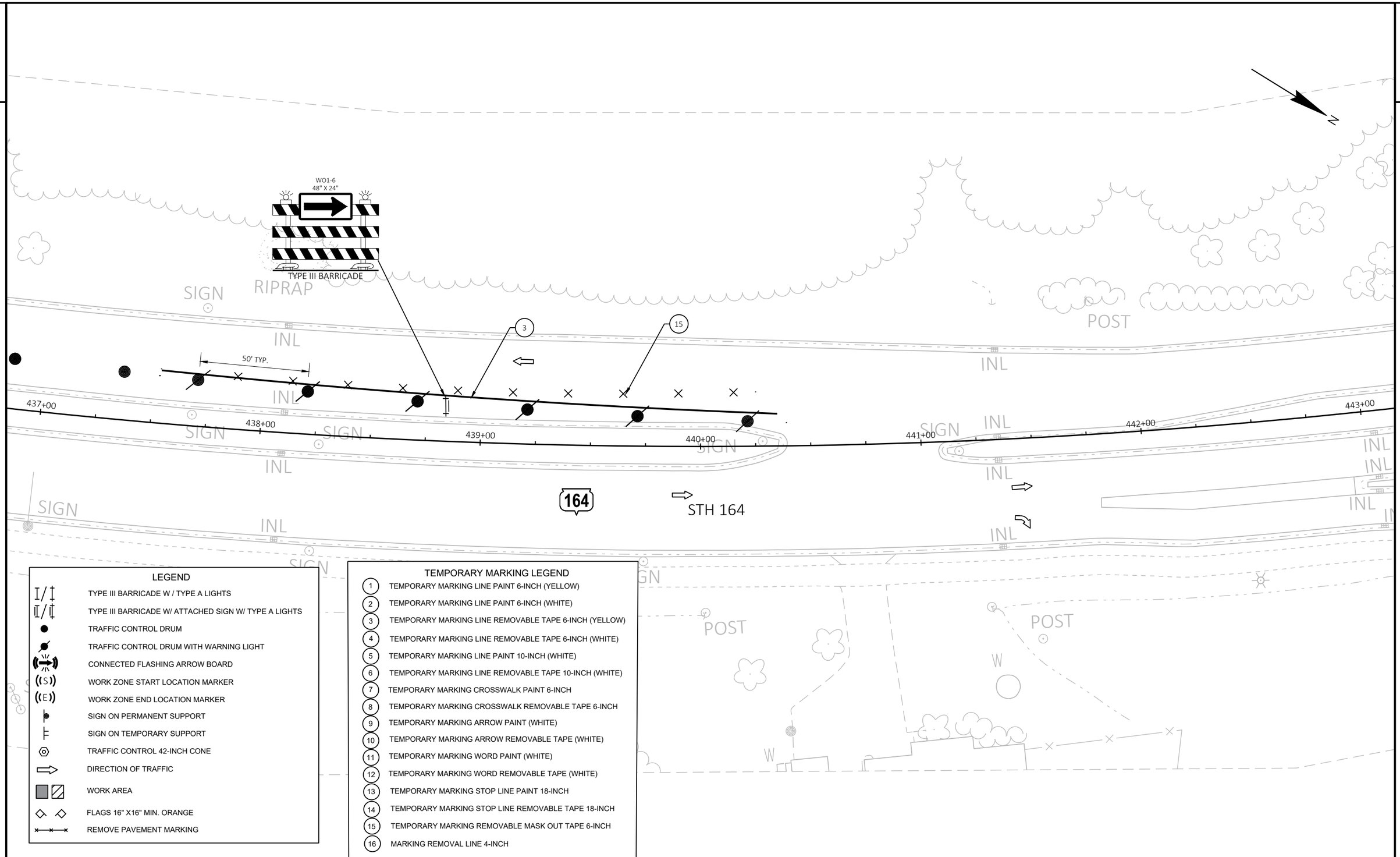
50' TYP.

432+00 433+00 434+00 435+00 436+00 437+00

STH 164

SIGN POST INL

2



LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA & WASHINGTON	TRAFFIC CONTROL - PHASE 2 - STAGE 2	SHEET 458	E

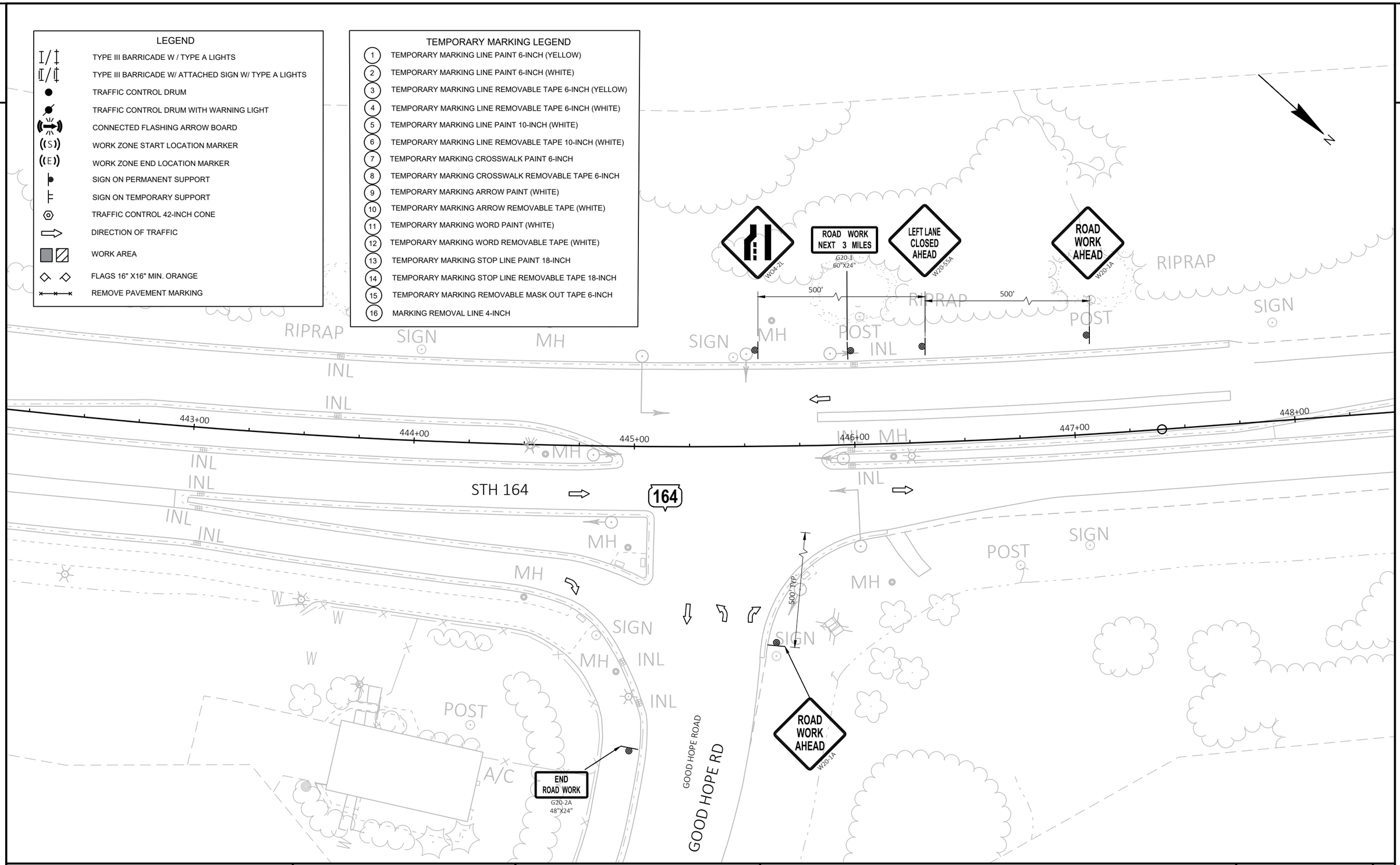
2

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH



PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA & WASHINGTON	TRAFFIC CONTROL - PHASE 2 - STAGE 2	SHEET 459	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S6.DWG
LAYOUT NAME - 59

PLOT DATE : 4/29/2026 6:33 AM PLOT BY : DILLINGHAM, MATTHEW PLOT NAME : PLOT SCALE : 1 IN:40 FT

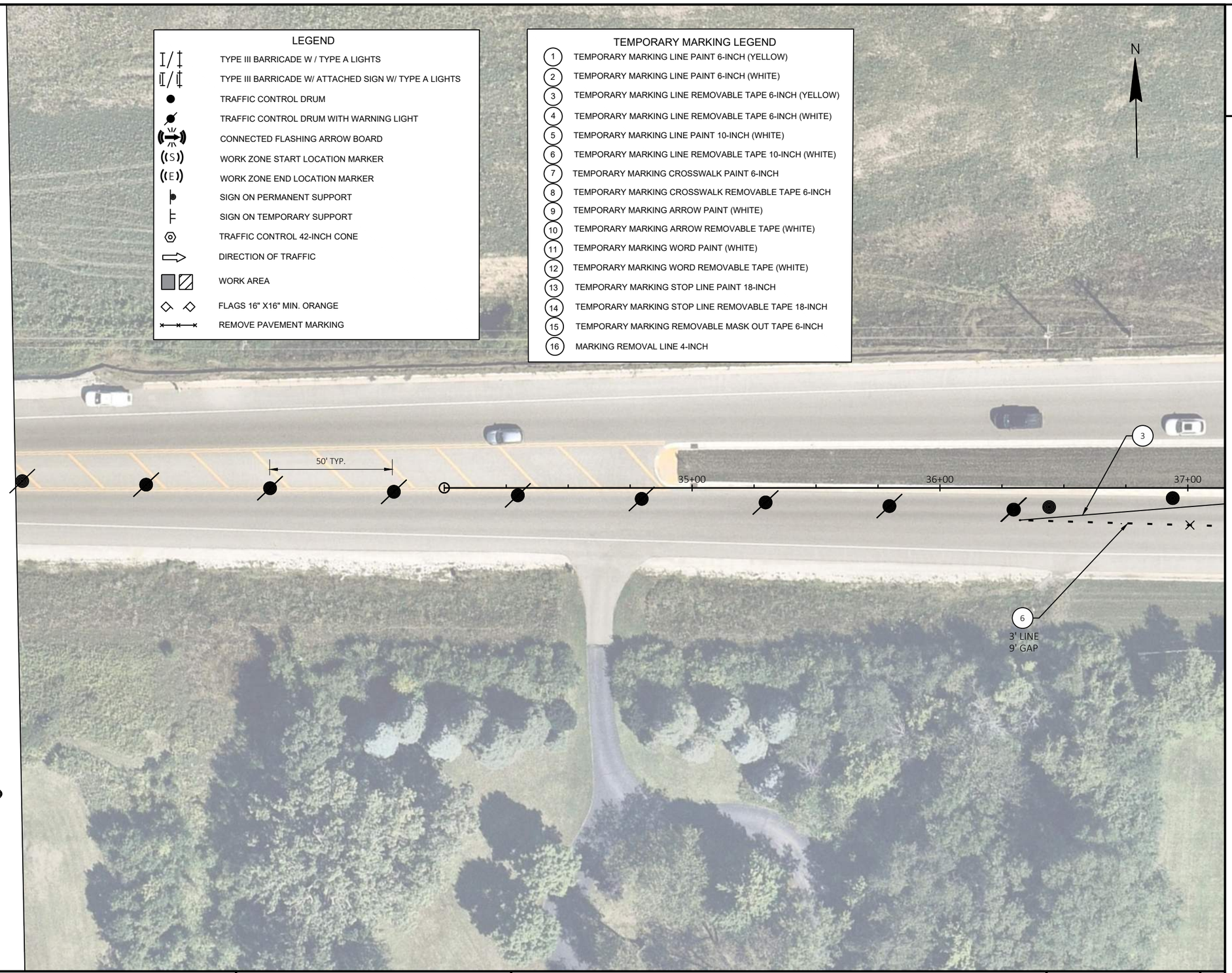
2

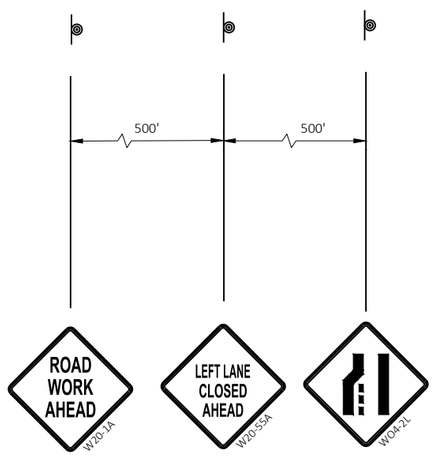
LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH





PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL - PHASE 2 - STAGE 2	SHEET 460	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S6.DWG
LAYOUT NAME - 62

PLOT DATE : 4/29/2026 6:33 AM PLOT BY : DILLINGHAM, MATTHEW PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

N

BEGIN LEFT TURN LANE
R3-20L
24"X36"

50' TYP.

37+00 38+00 39+00 40+00 41+00 42+00

25' TYP.

3

6
3' LINE
9' GAP

15

6

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL - PHASE 2 - STAGE 2	SHEET 461	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S6.DWG
LAYOUT NAME - 63

PLOT DATE : 4/29/2026 6:34 AM PLOT BY : DILLINGHAM, MATTHEW PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

2

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

N

END ROAD WORK
G20-2A
48"X24"

42+00 43+00 44+00 45+00 46+00 47+00 48+00

25' TYP.

LISBON RD

9

1 16 5 2 5

3' LINE, 9' GAP

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL - PHASE 2 - STAGE 2	SHEET 462	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S6.DWG
LAYOUT NAME - 64

PLOT DATE : 4/29/2026 6:34 AM PLOT BY : DILLINGHAM, MATTHEW PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

NOTES:

1. MEDIAN CURB RAMP SURFACE WILL BE ADJUSTED (LOWERED OR RAISED) TO MATCH WORK ZONE SURFACE UNTIL STAGE 4.
2. PROVIDE PEDESTRIAN SIGNAGE AND TEMPORARY DEVICES IN ACCORDANCE WITH SDD, "TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION" UNTIL ACCOMMODATIONS CAN BE PROVIDED VIA PERMANENT SIDEWALK PLACEMENT.
3. TEMPORARY PEDESTRIAN ACCOMMODATIONS SHALL BE IN PLACE PRIOR TO NEW CURB RAMP AND SIGNAL WORK BEGINNING.
4. REFER TO TRAFFIC CONTROL STAGING PLAN STAGE 2 FOR OTHER TRAFFIC CONTROL DETAILS

N

LISBON RD

25' TYP.

3' LINE
9' GAP

STH 164

ONLY

50+00 51+00 52+00 53+00 54+00 55+00

312+00 311+00 313+00 314+00

TEMPORARY MARKING LEGEND

1	TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2	TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3	TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4	TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5	TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6	TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7	TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8	TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9	TEMPORARY MARKING ARROW PAINT (WHITE)
10	TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11	TEMPORARY MARKING WORD PAINT (WHITE)
12	TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13	TEMPORARY MARKING STOP LINE PAINT 18-INCH
14	TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15	TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16	MARKING REMOVAL LINE 4-INCH

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL - PHASE 2 - STAGE 2	SHEET 463 E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S6.DWG
LAYOUT NAME - 65

PLOT DATE : 4/29/2026 6:34 AM PLOT BY : DILLINGHAM, MATTHEW PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

2

4

25' TYP.

55+00 56+00 57+00 58+00 59+00 60+00 61

6

3' LINE
9' GAP

15

3

R11-2L
48" X 30"

LANE
CLOSED

TYPE III BARRICADE

N

25' TYP.

ONLY ONLY

ONLY

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL - PHASE 2 - STAGE 2	SHEET 464	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S6.DWG
LAYOUT NAME - 66

PLOT DATE : 4/29/2026 6:35 AM PLOT BY : DILLINGHAM, MATTHEW PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

2

N

3' LINE
9' GAP

6

6

3

25' TYP.

50' TYP.

61+00

62+00

63+00

64+00

65+00

66+00

WO1-6
48" X 24"

TYPE III BARRICADE

LEGEND

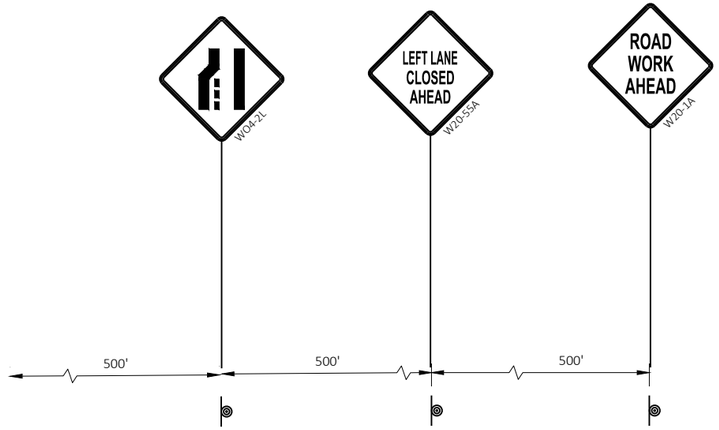
- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

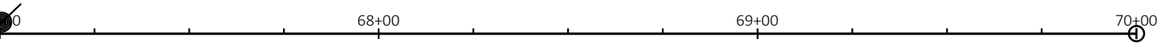
TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL - PHASE 2 - STAGE 2	SHEET 465	E

2





TEMPORARY MARKING LEGEND

1	TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2	TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3	TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4	TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5	TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6	TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7	TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8	TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9	TEMPORARY MARKING ARROW PAINT (WHITE)
10	TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11	TEMPORARY MARKING WORD PAINT (WHITE)
12	TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13	TEMPORARY MARKING STOP LINE PAINT 18-INCH
14	TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15	TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16	MARKING REMOVAL LINE 4-INCH

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL - PHASE 2 - STAGE 2	SHEET 466	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S6.DWG
LAYOUT NAME - 68
PLOT DATE : 4/29/2026 6:35 AM
PLOT BY : DILLINGHAM, MATTHEW
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

N

91+00 92+00 93+00 94+00 95+00

25' TYP.

3

500' 500' 500'

ROAD WORK AHEAD W20-1A

LEFT LANE CLOSED AHEAD W20-5SA

W04-2L

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL - PHASE 2 - STAGE 2	SHEET 467	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S6.DWG
LAYOUT NAME - 69

PLOT DATE : 4/29/2026 6:36 AM PLOT BY : DILLINGHAM, MATTHEW PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

2

N

95+00 96+00 97+00 98+00 99+00 100+00 101+00

25' TYP.

3

WO1-6
48" X 24"

TYPE III BARRICADE

R11-2L
48" X 30"

LANE CLOSED

TYPE III BARRICADE

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL - PHASE 2 - STAGE 2	SHEET 468	E

2

2

N

END
ROAD WORK
G20-2A
48"X24"

101+00 102+00 103+00 104+00 105+00 106+00

25' TYP.

4 15 6 3

SILVER SPRING DR

1 5

BEGIN
LEFT
TURN
LANE
R3-20L
24"X36"

3' LINE, 9' GAP

LEGEND

I/I	TYPE III BARRICADE W / TYPE A LIGHTS
I/I	TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
●	TRAFFIC CONTROL DRUM
	TRAFFIC CONTROL DRUM WITH WARNING LIGHT
	CONNECTED FLASHING ARROW BOARD
(S)	WORK ZONE START LOCATION MARKER
(E)	WORK ZONE END LOCATION MARKER
	SIGN ON PERMANENT SUPPORT
	SIGN ON TEMPORARY SUPPORT
	TRAFFIC CONTROL 42-INCH CONE
	DIRECTION OF TRAFFIC
	WORK AREA
◇ ◇	FLAGS 16" X16" MIN. ORANGE
×—×	REMOVE PAVEMENT MARKING

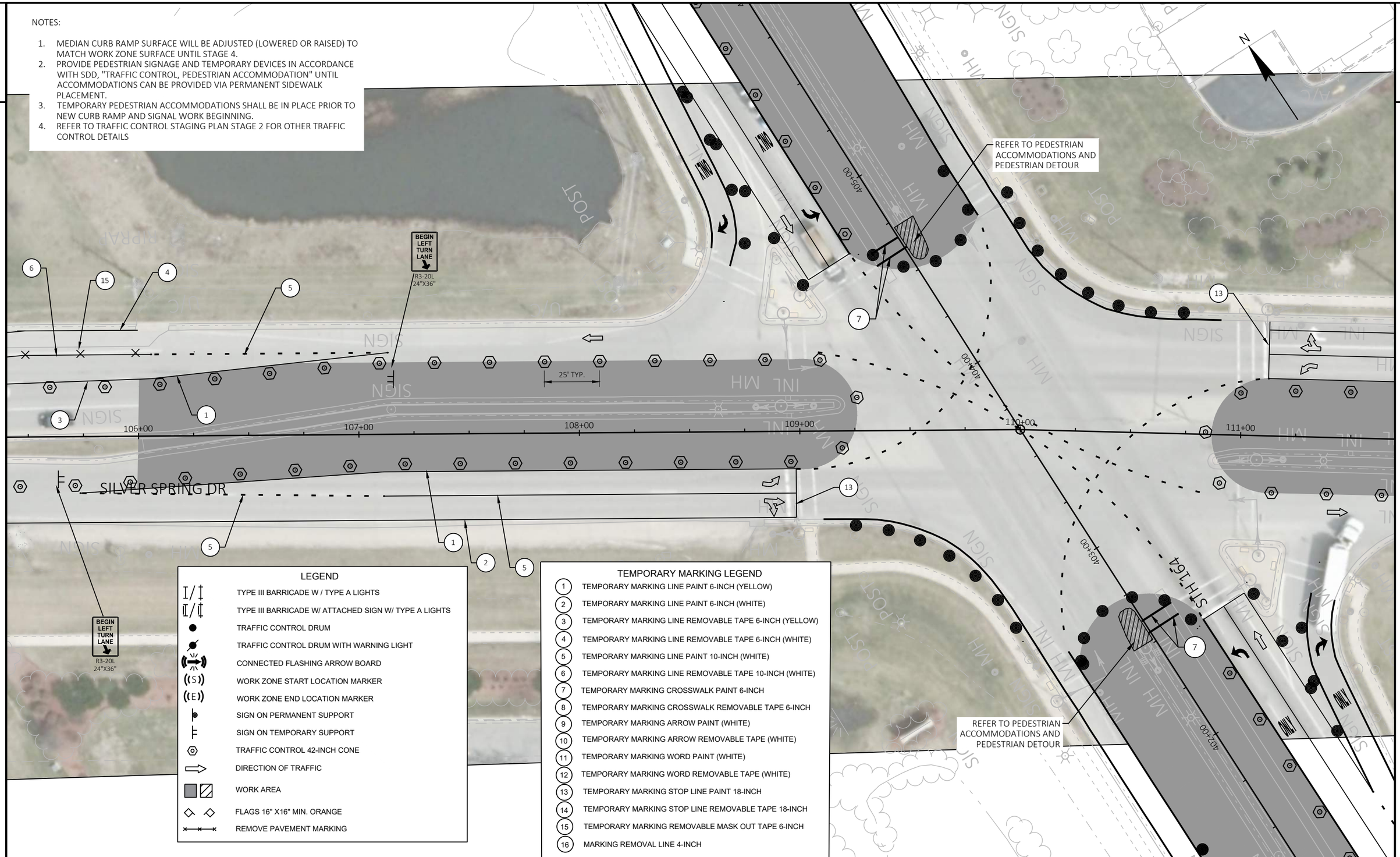
TEMPORARY MARKING LEGEND

1	TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2	TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3	TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4	TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5	TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6	TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7	TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8	TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9	TEMPORARY MARKING ARROW PAINT (WHITE)
10	TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11	TEMPORARY MARKING WORD PAINT (WHITE)
12	TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13	TEMPORARY MARKING STOP LINE PAINT 18-INCH
14	TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15	TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16	MARKING REMOVAL LINE 4-INCH

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL - PHASE 2 - STAGE 2	SHEET 469	E

NOTES:

1. MEDIAN CURB RAMP SURFACE WILL BE ADJUSTED (LOWERED OR RAISED) TO MATCH WORK ZONE SURFACE UNTIL STAGE 4.
2. PROVIDE PEDESTRIAN SIGNAGE AND TEMPORARY DEVICES IN ACCORDANCE WITH SDD, "TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION" UNTIL ACCOMMODATIONS CAN BE PROVIDED VIA PERMANENT SIDEWALK PLACEMENT.
3. TEMPORARY PEDESTRIAN ACCOMMODATIONS SHALL BE IN PLACE PRIOR TO NEW CURB RAMP AND SIGNAL WORK BEGINNING.
4. REFER TO TRAFFIC CONTROL STAGING PLAN STAGE 2 FOR OTHER TRAFFIC CONTROL DETAILS



LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

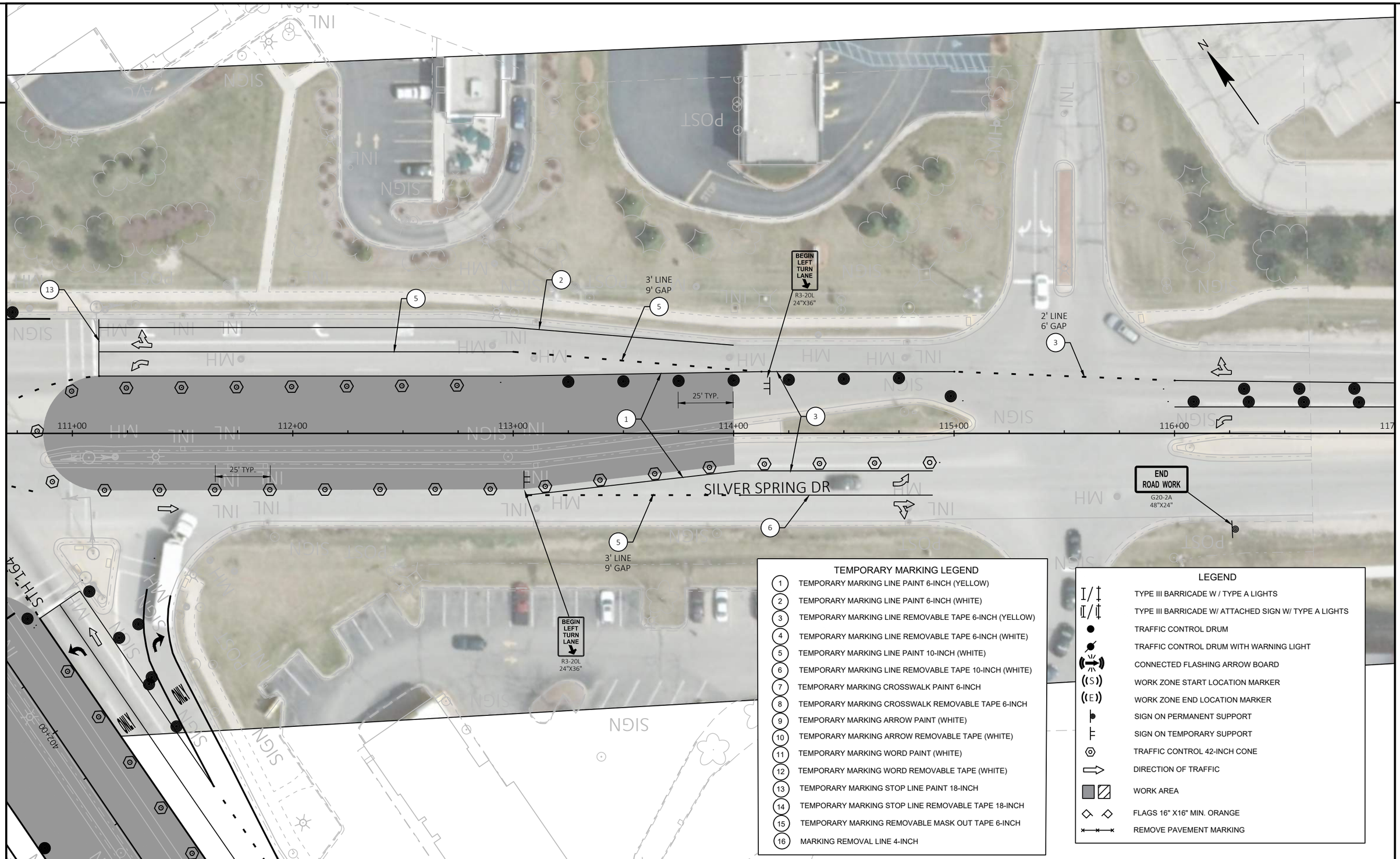
TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL - PHASE 2 - STAGE 2	SHEET 470 E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S6.DWG
LAYOUT NAME - 72
PLOT DATE : 4/29/2026 6:37 AM
PLOT BY : DILLINGHAM, MATTHEW
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2



TEMPORARY MARKING LEGEND

1	TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2	TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3	TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4	TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5	TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6	TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7	TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8	TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9	TEMPORARY MARKING ARROW PAINT (WHITE)
10	TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11	TEMPORARY MARKING WORD PAINT (WHITE)
12	TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13	TEMPORARY MARKING STOP LINE PAINT 18-INCH
14	TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15	TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16	MARKING REMOVAL LINE 4-INCH

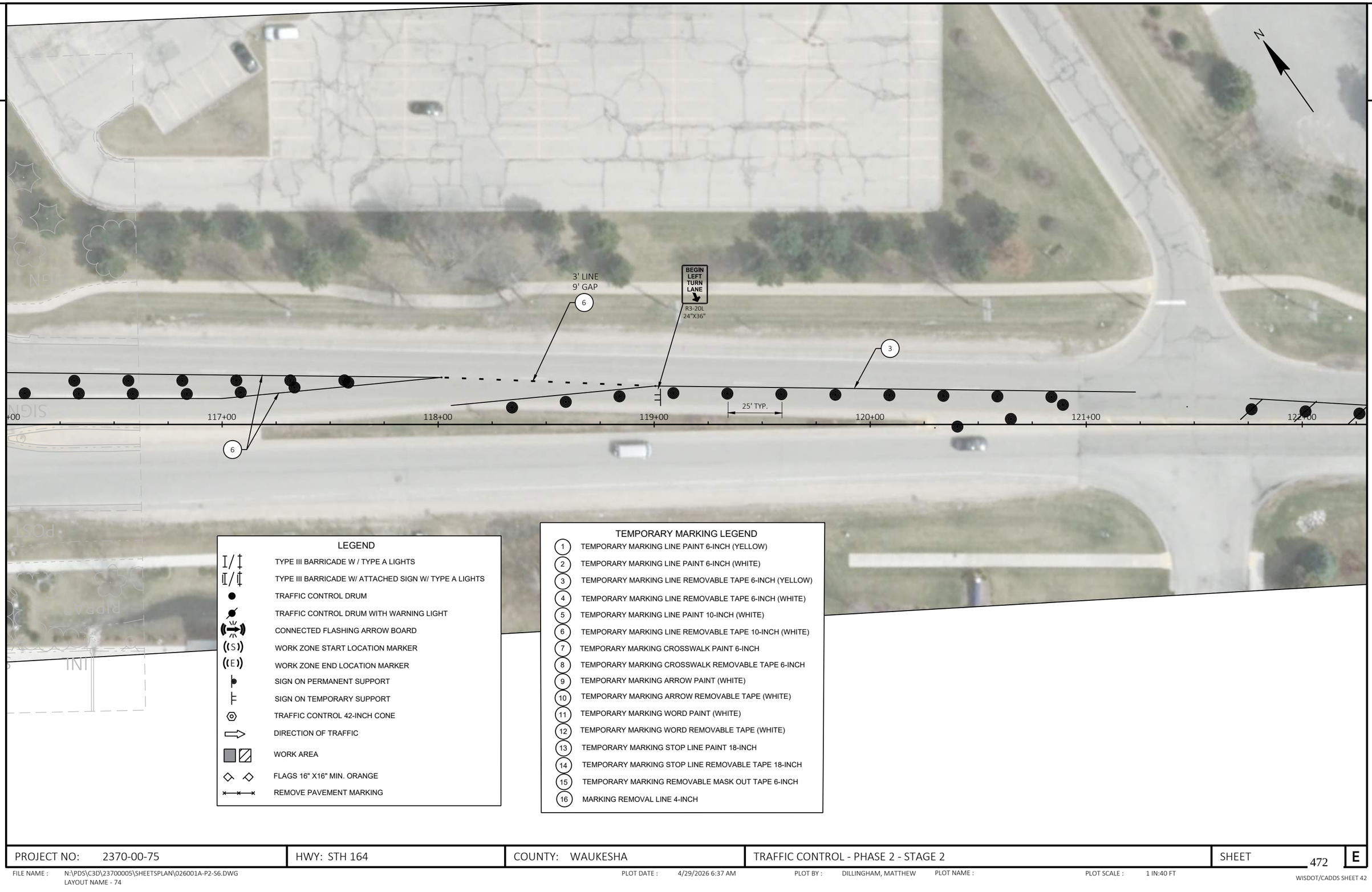
LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL - PHASE 2 - STAGE 2	SHEET 471	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S6.DWG
LAYOUT NAME - 73
PLOT DATE : 4/29/2026 6:37 AM
PLOT BY : DILLINGHAM, MATTHEW
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2



LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
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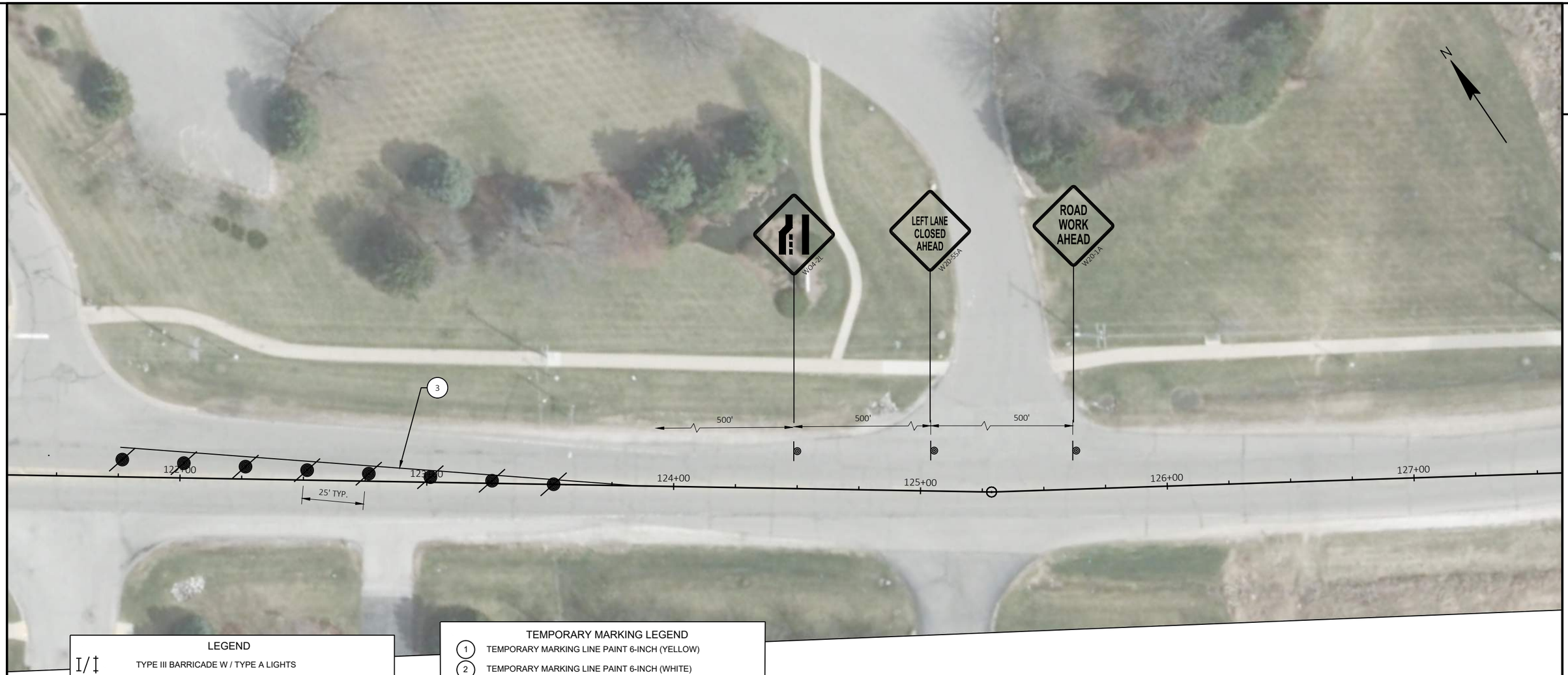
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL - PHASE 2 - STAGE 2	SHEET 472	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S6.DWG
LAYOUT NAME - 74

PLOT DATE : 4/29/2026 6:37 AM PLOT BY : DILLINGHAM, MATTHEW PLOT NAME : PLOT SCALE : 1 IN:40 FT

2



LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- (S) WORK ZONE START LOCATION MARKER
- (E) WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL - PHASE 2 - STAGE 2	SHEET 473	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S6.DWG
LAYOUT NAME - 75
PLOT DATE : 4/29/2026 6:38 AM
PLOT BY : DILLINGHAM, MATTHEW
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

2

NOTES:

1. MEDIAN CURB RAMP SURFACE WILL BE ADJUSTED (LOWERED OR RAISED) TO MATCH WORK ZONE SURFACE UNTIL STAGE 4.
2. PROVIDE PEDESTRIAN SIGNAGE AND TEMPORARY DEVICES IN ACCORDANCE WITH SDD, "TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION" UNTIL ACCOMMODATIONS CAN BE PROVIDED VIA PERMANENT SIDEWALK PLACEMENT.
3. TEMPORARY PEDESTRIAN ACCOMMODATIONS SHALL BE IN PLACE PRIOR TO NEW CURB RAMP AND SIGNAL WORK BEGINNING.
4. REFER TO TRAFFIC CONTROL STAGING PLAN STAGE 2 FOR OTHER TRAFFIC CONTROL DETAILS

N

48+00 49+00 50+00 51+00 52+00 53+00

314+00 313+00 312+00 311+00

STH 164

ONLY

LEGEND

- WORK ZONE
- SIGN ON PERMANENT SUPPORT / TEMPORARY SUPPORT
- TEMPORARY PEDESTRIAN SURFACE ASPHALT
- TEMPORARY PEDESTRIAN SURFACE PLATE
- TEMPORARY CURB RAMP
- TEMPORARY DETECTABLE WARNING FIELD
- TEMPORARY PEDESTRIAN BARRICADE
- TEMPORARY AUDIBLE MESSAGE DEVICE (EXACT PLACEMENT BASED UPON FIELD CONDITIONS)
- DETOUR ROUTE
- DIRECTION OF TRAFFIC

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	PEDESTRIAN ACCOMMODATIONS - CTH K	SHEET 474	E

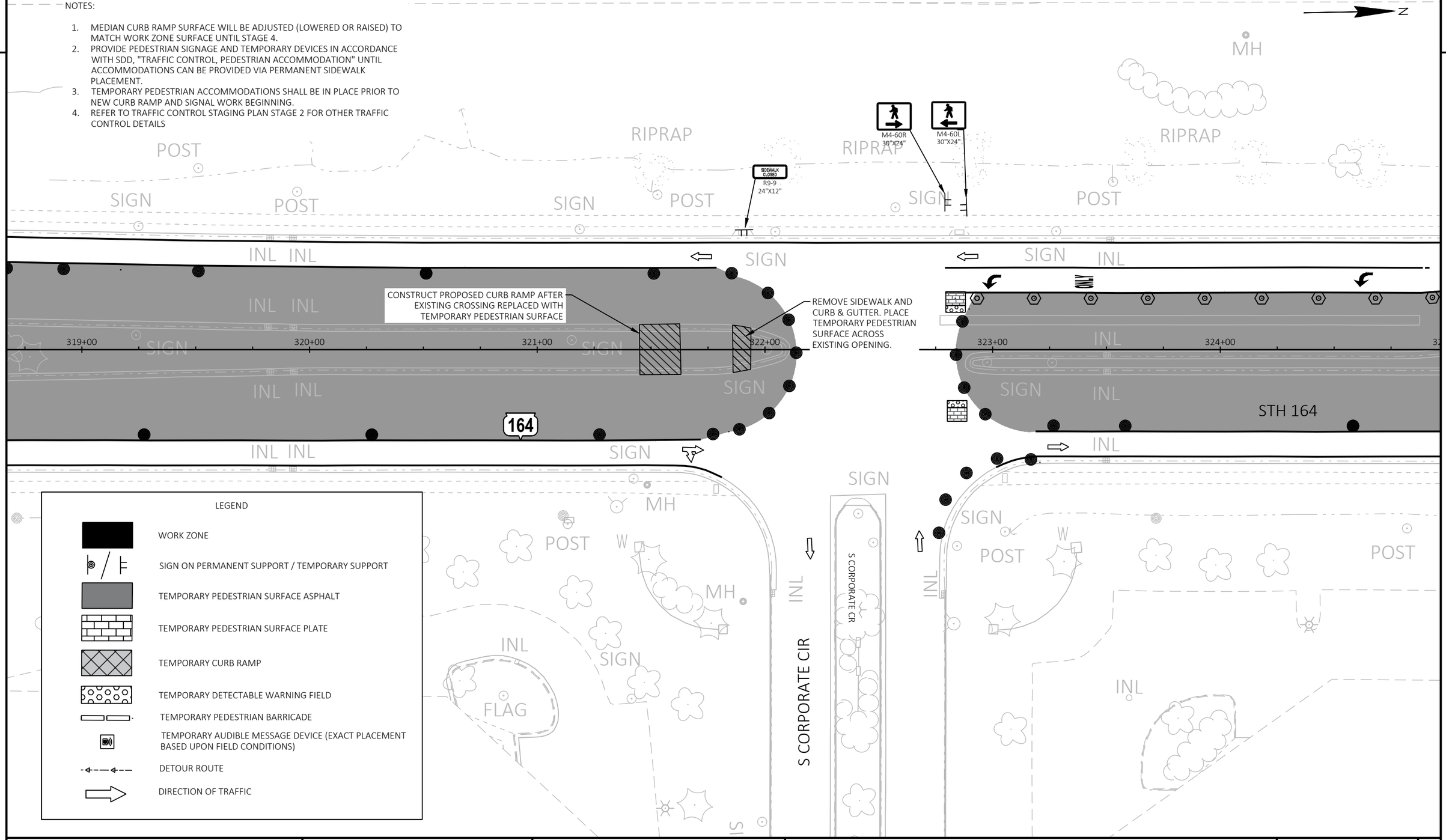
FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S6.DWG
LAYOUT NAME - PED TC - CTH K1

PLOT DATE : 4/29/2026 6:38 AM PLOT BY : DILLINGHAM, MATTHEW PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

NOTES:

1. MEDIAN CURB RAMP SURFACE WILL BE ADJUSTED (LOWERED OR RAISED) TO MATCH WORK ZONE SURFACE UNTIL STAGE 4.
2. PROVIDE PEDESTRIAN SIGNAGE AND TEMPORARY DEVICES IN ACCORDANCE WITH SDD, "TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION" UNTIL ACCOMMODATIONS CAN BE PROVIDED VIA PERMANENT SIDEWALK PLACEMENT.
3. TEMPORARY PEDESTRIAN ACCOMMODATIONS SHALL BE IN PLACE PRIOR TO NEW CURB RAMP AND SIGNAL WORK BEGINNING.
4. REFER TO TRAFFIC CONTROL STAGING PLAN STAGE 2 FOR OTHER TRAFFIC CONTROL DETAILS



LEGEND

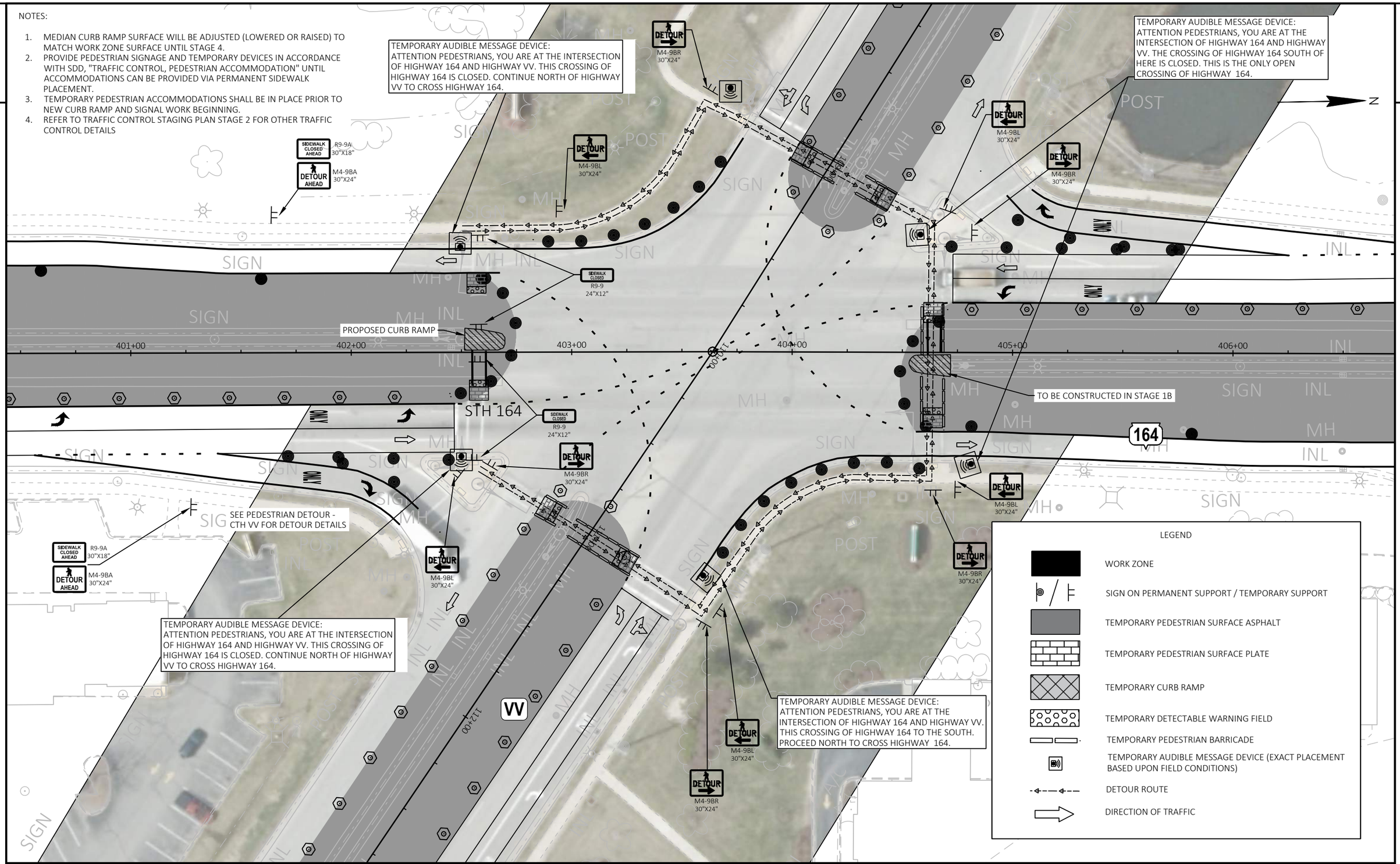
- WORK ZONE
- SIGN ON PERMANENT SUPPORT / TEMPORARY SUPPORT
- TEMPORARY PEDESTRIAN SURFACE ASPHALT
- TEMPORARY PEDESTRIAN SURFACE PLATE
- TEMPORARY CURB RAMP
- TEMPORARY DETECTABLE WARNING FIELD
- TEMPORARY PEDESTRIAN BARRICADE
- TEMPORARY AUDIBLE MESSAGE DEVICE (EXACT PLACEMENT BASED UPON FIELD CONDITIONS)
- DETOUR ROUTE
- DIRECTION OF TRAFFIC

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	PEDESTRIAN ACCOMODATIONS - S CORPORATE	SHEET 475	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S6.DWG
LAYOUT NAME - PED ACCOM - S CORPORATE
PLOT DATE : 4/29/2026 6:38 AM
PLOT BY : DILLINGHAM, MATTHEW
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

NOTES:

1. MEDIAN CURB RAMP SURFACE WILL BE ADJUSTED (LOWERED OR RAISED) TO MATCH WORK ZONE SURFACE UNTIL STAGE 4.
2. PROVIDE PEDESTRIAN SIGNAGE AND TEMPORARY DEVICES IN ACCORDANCE WITH SDD, "TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION" UNTIL ACCOMMODATIONS CAN BE PROVIDED VIA PERMANENT SIDEWALK PLACEMENT.
3. TEMPORARY PEDESTRIAN ACCOMMODATIONS SHALL BE IN PLACE PRIOR TO NEW CURB RAMP AND SIGNAL WORK BEGINNING.
4. REFER TO TRAFFIC CONTROL STAGING PLAN STAGE 2 FOR OTHER TRAFFIC CONTROL DETAILS



PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	PEDESTRIAN ACCOMODATIONS - CTH VV - STAGE 1A	SHEET 476	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S6.DWG
LAYOUT NAME - PED TC - CTH VV-1A
PLOT DATE : 4/29/2026 6:39 AM
PLOT BY : DILLINGHAM, MATTHEW
PLOT NAME :
PLOT SCALE : 1 IN:40 FT

2

2

TEMPORARY AUDIBLE MESSAGE DEVICE:
ATTENTION PEDESTRIANS, YOU ARE AT THE INTERSECTION OF HIGHWAY 164 AND HIGHWAY VV. THE CROSSING OF HIGHWAY 164 NORTH OF HERE IS CLOSED. THIS IS THE ONLY OPEN CROSSING OF HIGHWAY 164.

TEMPORARY AUDIBLE MESSAGE DEVICE:
ATTENTION PEDESTRIANS, YOU ARE AT THE INTERSECTION OF HIGHWAY 164 AND HIGHWAY VV. THIS CROSSING OF HIGHWAY 164 IS CLOSED. PROCEED SOUTH OF HIGHWAY VV TO CROSS HIGHWAY 164.

CONSTRUCTED IN STAGE 1A

TEMPORARY AUDIBLE MESSAGE DEVICE:
ATTENTION PEDESTRIANS, YOU ARE AT THE INTERSECTION OF HIGHWAY 164 AND HIGHWAY VV. THE CROSSING OF HIGHWAY 164 TO THE NORTH IS CLOSED. PROCEED SOUTH TO CROSS HIGHWAY 164.

PROPOSED CURB RAMP

SEE PEDESTRIAN DETOUR - CTH VV FOR DETOUR DETAILS

TEMPORARY AUDIBLE MESSAGE DEVICE:
ATTENTION PEDESTRIANS, YOU ARE AT THE INTERSECTION OF HIGHWAY 164 AND HIGHWAY VV. THIS CROSSING OF HIGHWAY 164 IS CLOSED. PROCEED SOUTH OF HIGHWAY VV TO CROSS HIGHWAY 164.

STH 164

VV

164

401+00 402+00 403+00 405+00 406+00

N

DETOUR M4-9BR 30"X24"
DETOUR M4-9BL 30"X24"
SIDEWALK CLOSED R9-9 24"X12"
SIDEWALK CLOSED AHEAD R9-9A 30"X18"
DETOUR AHEAD M4-9BA 30"X24"

NOTES:

1. MEDIAN CURB RAMP SURFACE WILL BE ADJUSTED (LOWERED OR RAISED) TO MATCH WORK ZONE SURFACE UNTIL STAGE 4.
2. PROVIDE PEDESTRIAN SIGNAGE AND TEMPORARY DEVICES IN ACCORDANCE WITH SDD, "TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION" UNTIL ACCOMMODATIONS CAN BE PROVIDED VIA PERMANENT SIDEWALK PLACEMENT.
3. TEMPORARY PEDESTRIAN ACCOMMODATIONS SHALL BE IN PLACE PRIOR TO NEW CURB RAMP AND SIGNAL WORK BEGINNING.
4. REFER TO TRAFFIC CONTROL STAGING PLAN STAGE 2 FOR OTHER TRAFFIC CONTROL DETAILS

LEGEND

- WORK ZONE
- SIGN ON PERMANENT SUPPORT / TEMPORARY SUPPORT
- TEMPORARY PEDESTRIAN SURFACE ASPHALT
- TEMPORARY PEDESTRIAN SURFACE PLATE
- TEMPORARY CURB RAMP
- TEMPORARY DETECTABLE WARNING FIELD
- TEMPORARY PEDESTRIAN BARRICADE
- TEMPORARY AUDIBLE MESSAGE DEVICE (EXACT PLACEMENT BASED UPON FIELD CONDITIONS)
- DETOUR ROUTE
- DIRECTION OF TRAFFIC

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	PEDESTRIAN ACCOMODATIONS - CTH VV - STAGE 1B	SHEET 477	E

NOTE: CONTRACTOR SHALL ONLY WORK ON ONE MEDIAN CURB RAMP AT A TIME.

SIDEWALK CLOSED AHEAD R9-9A 30"X18"
DETOUR AHEAD M4-9BA 30"X24"
M4-60R 30"X24"
SIDEWALK CLOSED R9-9 24"X12"
M4-60L 30"X24"

NOTES:

1. MEDIAN CURB RAMP SURFACE WILL BE ADJUSTED (LOWERED OR RAISED) TO MATCH WORK ZONE SURFACE UNTIL STAGE 4.
2. PROVIDE PEDESTRIAN SIGNAGE AND TEMPORARY DEVICES IN ACCORDANCE WITH SDD, "TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION" UNTIL ACCOMMODATIONS CAN BE PROVIDED VIA PERMANENT SIDEWALK PLACEMENT.
3. TEMPORARY PEDESTRIAN ACCOMMODATIONS SHALL BE IN PLACE PRIOR TO NEW CURB RAMP AND SIGNAL WORK BEGINNING.
4. REFER TO TRAFFIC CONTROL STAGING PLAN STAGE 2 FOR OTHER TRAFFIC CONTROL DETAILS

LEGEND

- WORK ZONE
- SIGN ON PERMANENT SUPPORT / TEMPORARY SUPPORT
- TEMPORARY PEDESTRIAN SURFACE ASPHALT
- TEMPORARY PEDESTRIAN SURFACE PLATE
- TEMPORARY CURB RAMP
- TEMPORARY DETECTABLE WARNING FIELD
- TEMPORARY PEDESTRIAN BARRICADE
- TEMPORARY AUDIBLE MESSAGE DEVICE (EXACT PLACEMENT BASED UPON FIELD CONDITIONS)
- DETOUR ROUTE
- DIRECTION OF TRAFFIC

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL - PEDESTRIAN DETOUR - CTH VV - 1A	SHEET 478	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S6.DWG
LAYOUT NAME - OLD
PLOT DATE : 4/29/2026 6:40 AM PLOT BY : DILLINGHAM, MATTHEW PLOT NAME : PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

2

2

NOTES:

1. MEDIAN CURB RAMP SURFACE WILL BE ADJUSTED (LOWERED OR RAISED) TO MATCH WORK ZONE SURFACE UNTIL STAGE 4.
2. PROVIDE PEDESTRIAN SIGNAGE AND TEMPORARY DEVICES IN ACCORDANCE WITH SDD, "TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION" UNTIL ACCOMMODATIONS CAN BE PROVIDED VIA PERMANENT SIDEWALK PLACEMENT.
3. TEMPORARY PEDESTRIAN ACCOMMODATIONS SHALL BE IN PLACE PRIOR TO NEW CURB RAMP AND SIGNAL WORK BEGINNING.
4. REFER TO TRAFFIC CONTROL STAGING PLAN STAGE 2 FOR OTHER TRAFFIC CONTROL DETAILS

N

ATTACH TO EXISTING POLE

M4-9BL 30"X24"

M4-9BR 30"X24"

M4-9BA 30"X24"

R9-9A 30"X18"

SIDEWALK CLOSED AHEAD

DETOUR AHEAD

164

K

S CORPORATE CR

LEGEND

- WORK ZONE
- SIGN ON PERMANENT SUPPORT / TEMPORARY SUPPORT
- TEMPORARY PEDESTRIAN SURFACE ASPHALT
- TEMPORARY PEDESTRIAN SURFACE PLATE
- TEMPORARY CURB RAMP
- TEMPORARY DETECTABLE WARNING FIELD
- TEMPORARY PEDESTRIAN BARRICADE
- TEMPORARY AUDIBLE MESSAGE DEVICE (EXACT PLACEMENT BASED UPON FIELD CONDITIONS)
- DETOUR ROUTE
- DIRECTION OF TRAFFIC

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL - PEDESTRIAN DETOUR - S CORPORATE CR	SHEET 479	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S6.DWG
LAYOUT NAME - OLD2
PLOT DATE : 4/29/2026 6:40 AM
PLOT BY : DILLINGHAM, MATTHEW
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

NOTE: CONTRACTOR SHALL ONLY WORK ON ONE MEDIAN CURB RAMP AT A TIME.

M4-60L 30"X24"

M4-60R 30"X24"

SIDEWALK CLOSED R9-9 24"X12"

M4-9BR 30"X24"

M4-9BL 30"X24"

SIDEWALK CLOSED AHEAD R9-9A 30"X18"

DETOUR AHEAD M4-9BA 30"X24"

NOTES:

1. MEDIAN CURB RAMP SURFACE WILL BE ADJUSTED (LOWERED OR RAISED) TO MATCH WORK ZONE SURFACE UNTIL STAGE 4.
2. PROVIDE PEDESTRIAN SIGNAGE AND TEMPORARY DEVICES IN ACCORDANCE WITH SDD, "TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION" UNTIL ACCOMMODATIONS CAN BE PROVIDED VIA PERMANENT SIDEWALK PLACEMENT.
3. TEMPORARY PEDESTRIAN ACCOMMODATIONS SHALL BE IN PLACE PRIOR TO NEW CURB RAMP AND SIGNAL WORK BEGINNING.
4. REFER TO TRAFFIC CONTROL STAGING PLAN STAGE 2 FOR OTHER TRAFFIC CONTROL DETAILS

LEGEND

- WORK ZONE
- SIGN ON PERMANENT SUPPORT / TEMPORARY SUPPORT
- TEMPORARY PEDESTRIAN SURFACE ASPHALT
- TEMPORARY PEDESTRIAN SURFACE PLATE
- TEMPORARY CURB RAMP
- TEMPORARY DETECTABLE WARNING FIELD
- TEMPORARY PEDESTRIAN BARRICADE
- TEMPORARY AUDIBLE MESSAGE DEVICE (EXACT PLACEMENT BASED UPON FIELD CONDITIONS)
- DETOUR ROUTE
- DIRECTION OF TRAFFIC

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL - PEDESTRIAN DETOUR - CTH VV-1B	SHEET 480	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S6.DWG
LAYOUT NAME - OLD_DETOUR-CTHVV-1B

PLOT DATE : 4/29/2026 6:41 AM PLOT BY : DILLINGHAM, MATTHEW PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

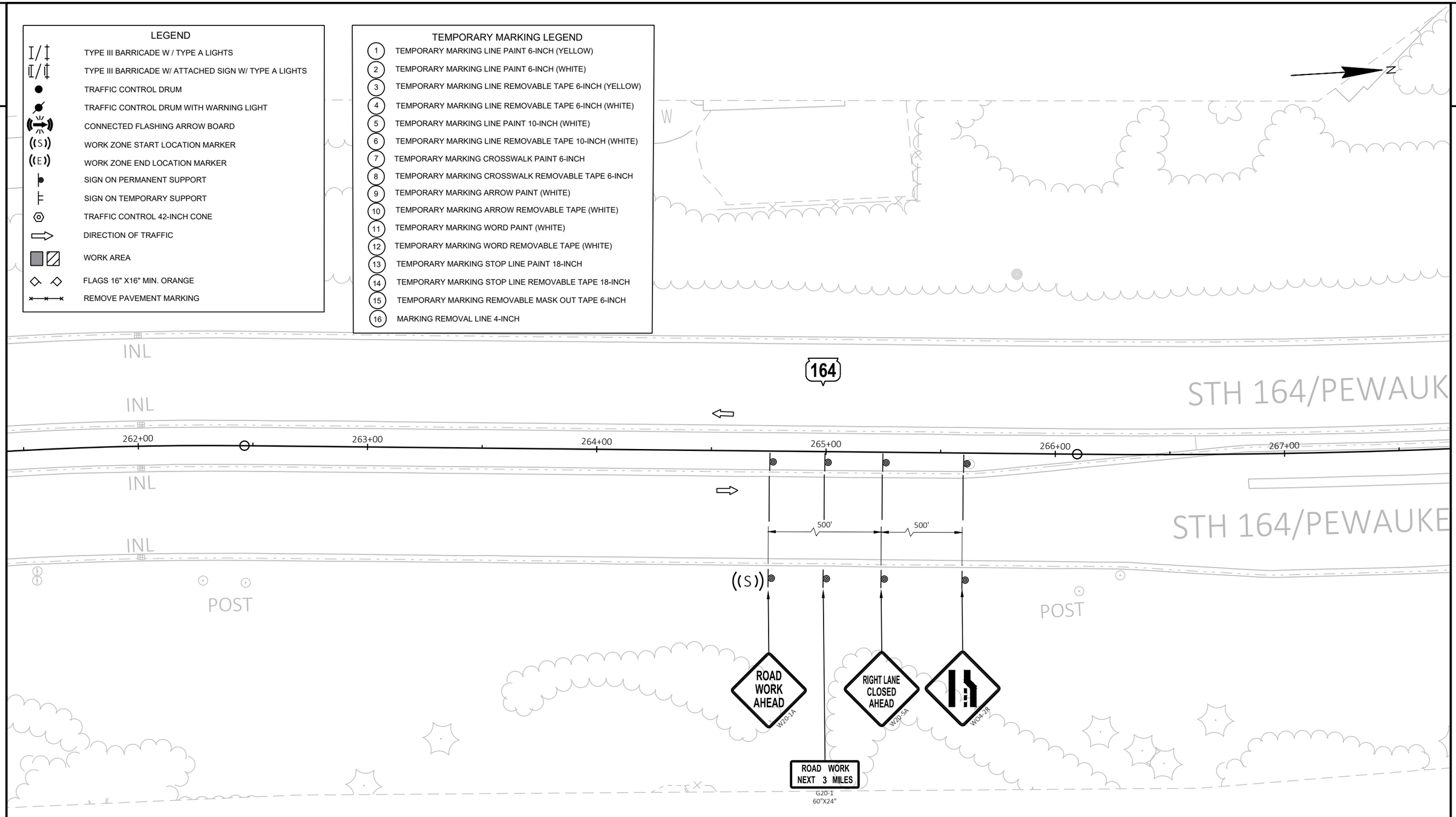
2

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

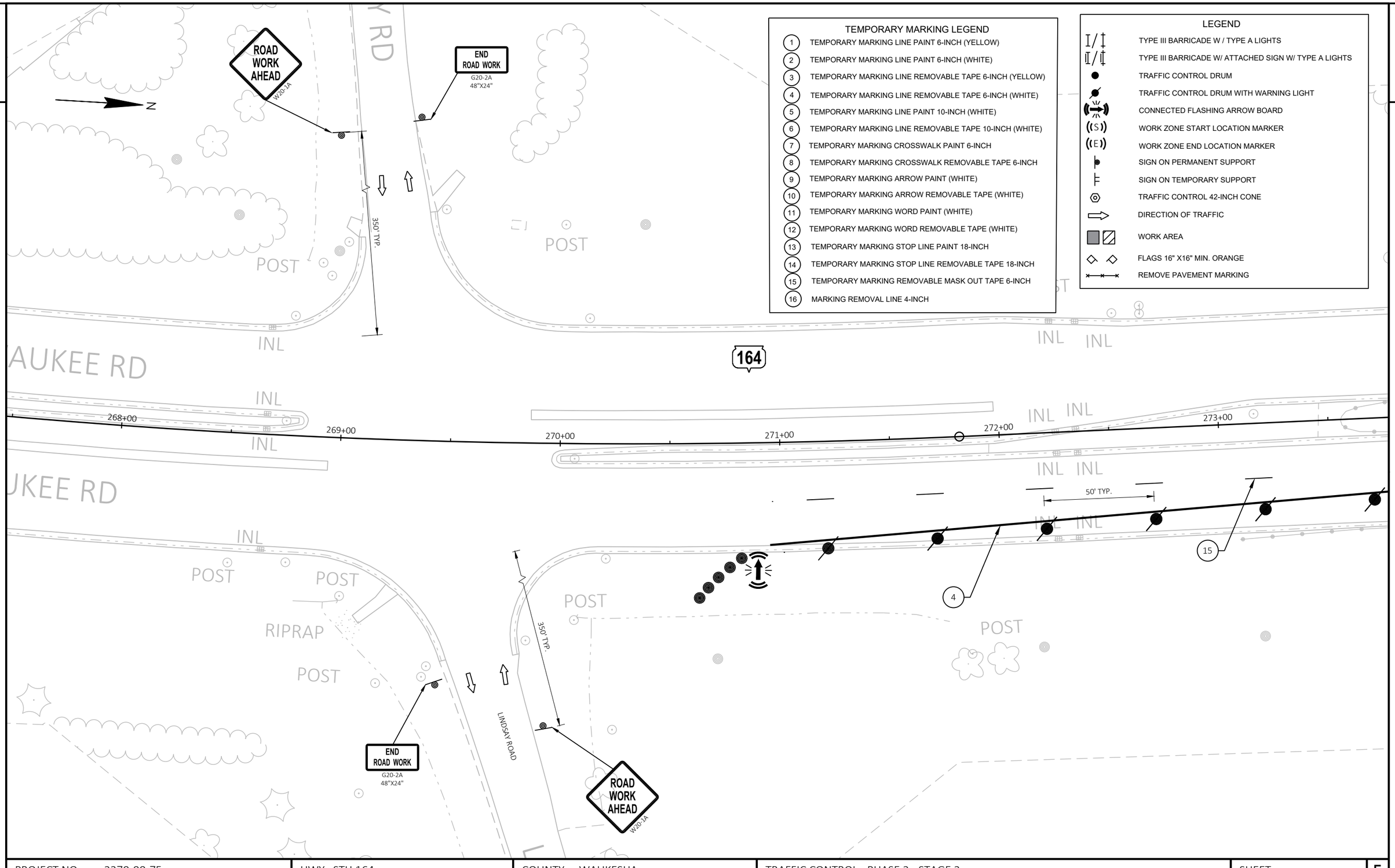
1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH



2

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL - PHASE 2 - STAGE 3	SHEET 481	E

2



TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL - PHASE 2 - STAGE 3	SHEET 482	E

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

N

END ROAD WORK
G20-2A
48"X24"

164

POST
INL
RIPRAP
274+00
275+00
276+00
277+00
278+00
279+00
100' TYP.
3
4
15
15

2

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

N

BUMP
WORK ZONE

164

INL

280+00
281+00
282+00
283+00
284+00
285+00

100' TYP.

POST

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL - PHASE 2 - STAGE 3	SHEET 484	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S7.DWG
LAYOUT NAME - 24
PLOT DATE : 4/28/2026 6:25 PM
PLOT BY : DILLINGHAM, MATTHEW
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

ROAD WORK AHEAD
W20-1A

SEVEN STONE DRIVE

END ROAD WORK
G20-2A
48"X24"

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

350' TYP.

15' TYP.

*PLACE PAINT ON MILLED SURFACE AND LOWER HMA LAYER. PLACE TAPE ON UPPER HMA LAYER.

100' TYP.

164

STH 164/PEWAUK

STOP
R1-1
30"X30"

286+00 287+00 288+00 289+00 290+00 291+00

3' LINE
9' GAPS

WO1-6
48" X 24"
TYPE III BARRICADE

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

RUINS

POST RIPRAP INL W

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL - PHASE 2 - STAGE 3	SHEET 485	E

2

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

N

2

POST

INL

5

5 3' LINE 9' GAPS

2

164

AUKEE RD

INL

292+00 293+00 294+00 295+00 296+00 297+00

POST

INL

100' TYP.

AUKEE RD

INL

2

1

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL - PHASE 2 - STAGE 3	SHEET 486	E

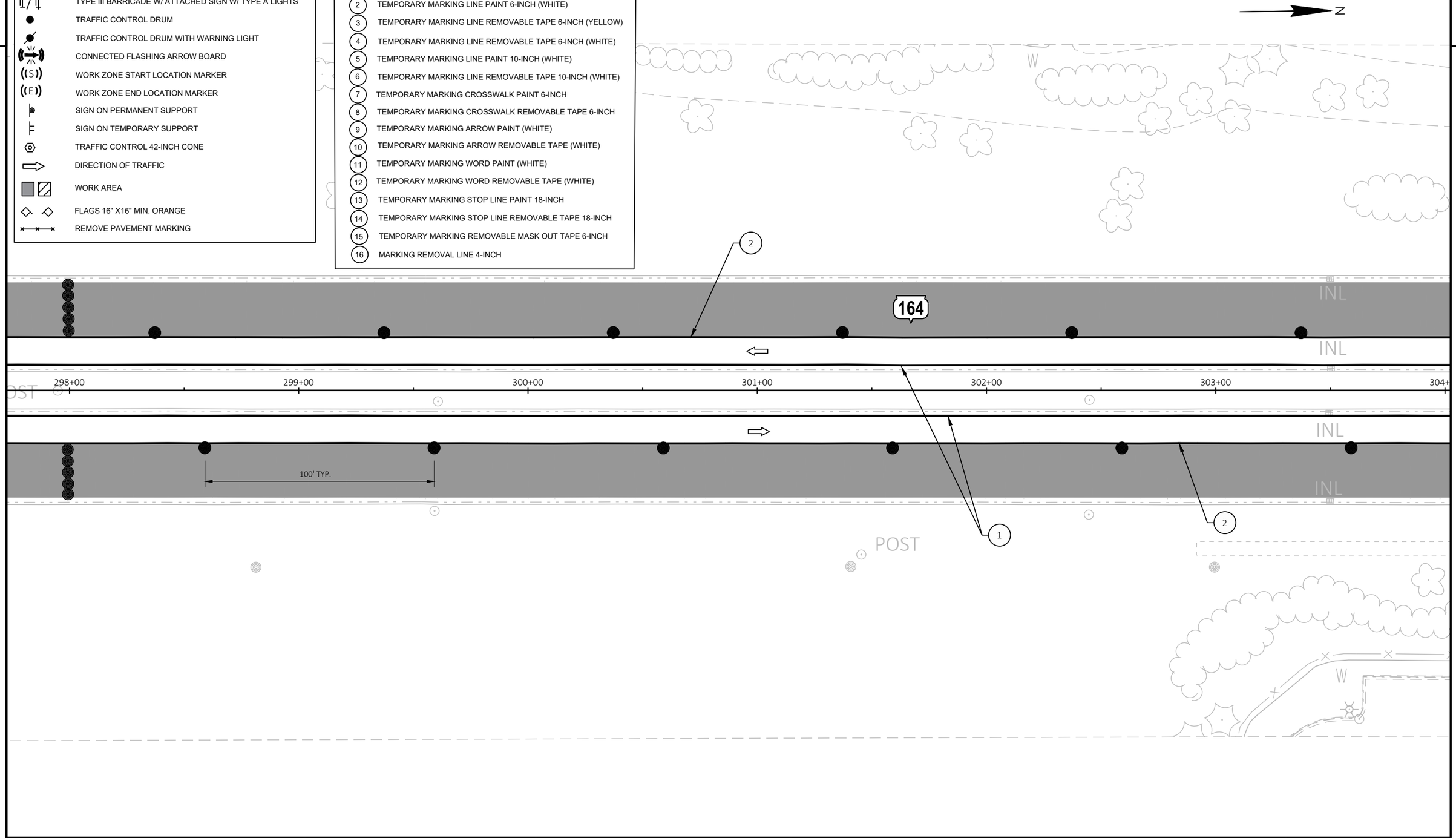
2

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER (S)
- WORK ZONE END LOCATION MARKER (E)
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH



2

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL - PHASE 2 - STAGE 3	SHEET 487	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S7.DWG
LAYOUT NAME - 27

PLOT DATE : 4/28/2026 6:26 PM PLOT BY : DILLINGHAM, MATTHEW PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

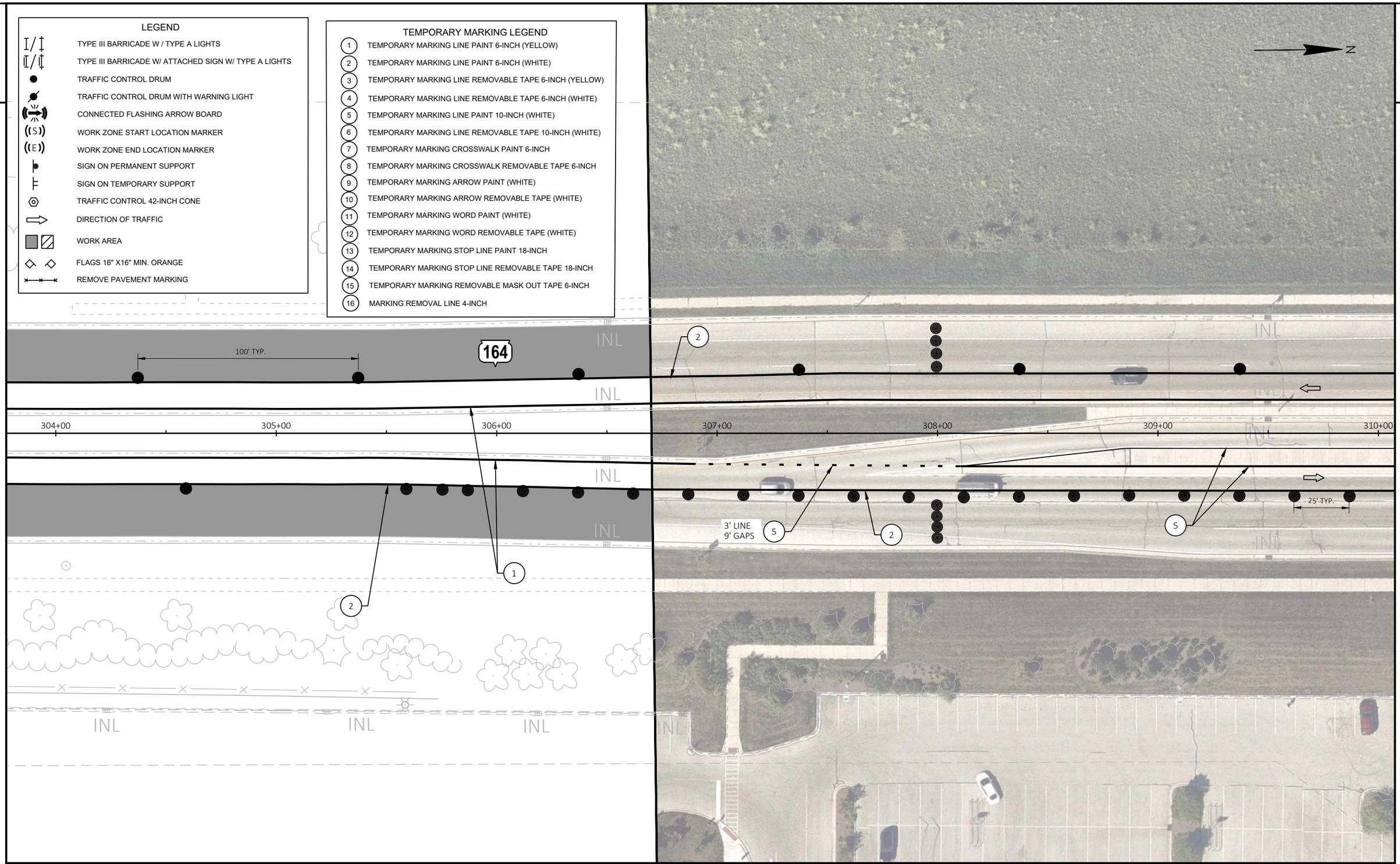
2

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH



PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL - PHASE 2 - STAGE 3	SHEET 488 E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S7.DWG
LAYOUT NAME - 28

PLOT DATE : 4/28/2026 6:26 PM PLOT BY : DILLINGHAM, MATTHEW PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

2

N

REFER TO PEDESTRIAN ACCOMODATIONS

REFER TO PEDESTRIAN ACCOMODATIONS

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

K

164

49+00

50+00

51+00

310+00

311+00

312+00

313+00

314+00

315+00

316+00

15' TYP.

25' TYP.

100' TYP.

2' LINE
6' GAPS

* PLACE PAINT ON MILLED SURFACE AND LOWER HMA LAYER. PLACE TAPE ON UPPER HMA LAYER.

TEMPORARY MARKING LEGEND

1	TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2	TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3	TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4	TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5	TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6	TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7	TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8	TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9	TEMPORARY MARKING ARROW PAINT (WHITE)
10	TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11	TEMPORARY MARKING WORD PAINT (WHITE)
12	TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13	TEMPORARY MARKING STOP LINE PAINT 18-INCH
14	TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15	TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16	MARKING REMOVAL LINE 4-INCH

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

NOTES:

1. MEDIAN CURB RAMP SURFACE WILL BE ADJUSTED (LOWERED OR RAISED) TO MATCH WORK ZONE SURFACE UNTIL STAGE 4.
2. PROVIDE PEDESTRIAN SIGNAGE AND TEMPORARY DEVICES IN ACCORDANCE WITH SDD, "TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION" UNTIL ACCOMMODATIONS CAN BE PROVIDED VIA PERMANENT SIDEWALK PLACEMENT.
3. TEMPORARY PEDESTRIAN ACCOMMODATIONS SHALL BE IN PLACE PRIOR TO NEW CURB RAMP AND SIGNAL WORK BEGINNING.
4. REFER TO TRAFFIC CONTROL STAGING PLAN STAGE 3 FOR OTHER TRAFFIC CONTROL DETAILS

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL - PHASE 2 - STAGE 3	SHEET 489	E

2

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

NOTES:

1. MEDIAN CURB RAMP SURFACE WILL BE ADJUSTED (LOWERED OR RAISED) TO MATCH WORK ZONE SURFACE UNTIL STAGE 4.
2. PROVIDE PEDESTRIAN SIGNAGE AND TEMPORARY DEVICES IN ACCORDANCE WITH SDD, "TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION" UNTIL ACCOMMODATIONS CAN BE PROVIDED VIA PERMANENT SIDEWALK PLACEMENT.
3. TEMPORARY PEDESTRIAN ACCOMMODATIONS SHALL BE IN PLACE PRIOR TO NEW CURB RAMP AND SIGNAL WORK BEGINNING.
4. REFER TO TRAFFIC CONTROL STAGING PLAN STAGE 3 FOR OTHER TRAFFIC CONTROL DETAILS

N

INL
POST
RIPRAP
SEE PEDESTRIAN STAGING PLANS.
5 3' LINE 9' GAPS
2
164
100' TYP.
1
316+00
317+00
318+00
319+00
320+00
321+00
322+00

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

END ROAD WORK
G20-2A
48"X24"
FLAG

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL - PHASE 2 - STAGE 3	SHEET 490	E

2

2

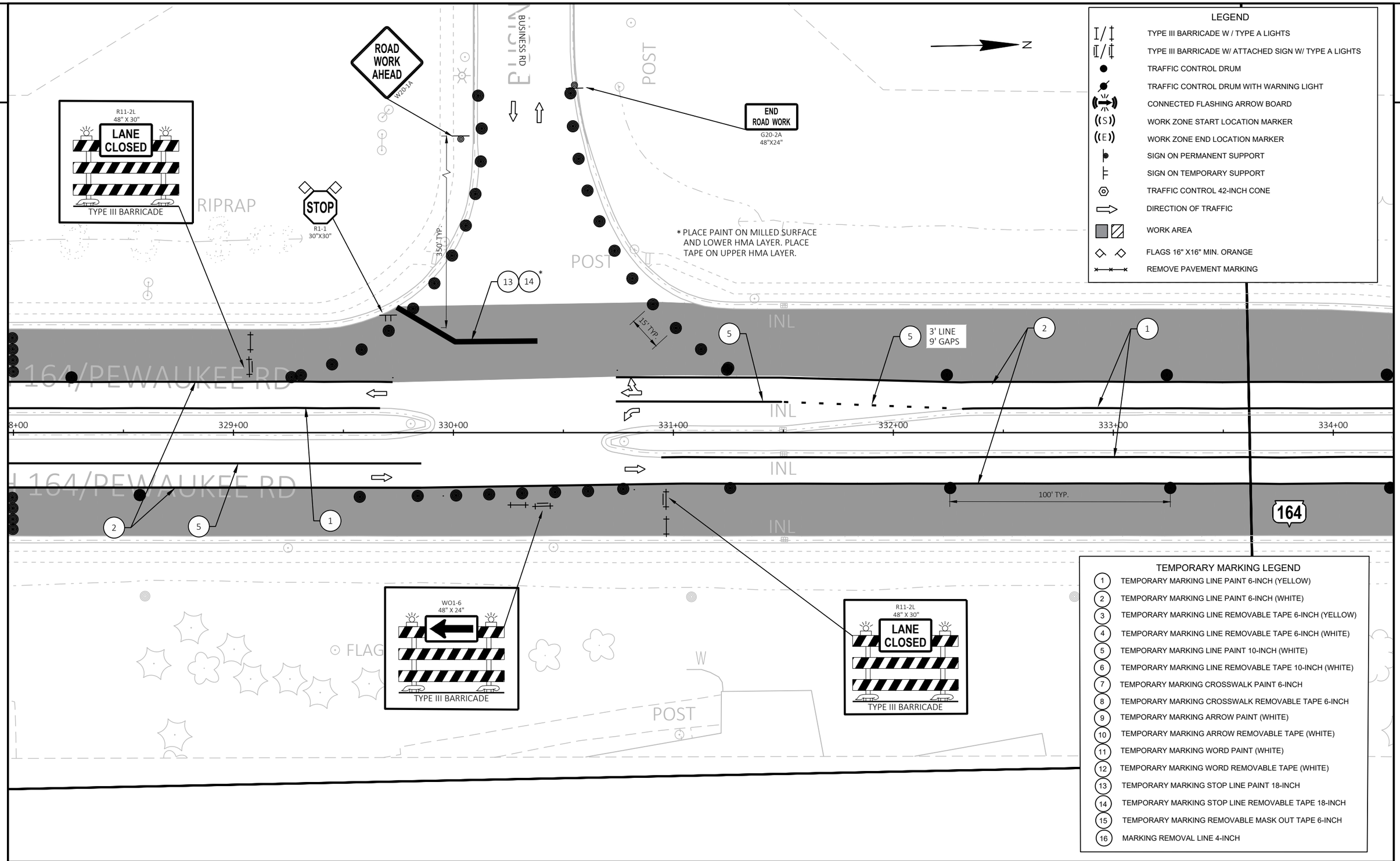
N

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

RIPRAP
RIPRAP
RIPRAP
RIPRAP
RIPRAP
POST
POST
INL
INL
INL

2



PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL - PHASE 2 - STAGE 3	SHEET 492	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S7.DWG
LAYOUT NAME - 32

PLOT DATE : 4/28/2026 6:29 PM PLOT BY : DILLINGHAM, MATTHEW PLOT NAME : PLOT SCALE : 1 IN:40 FT

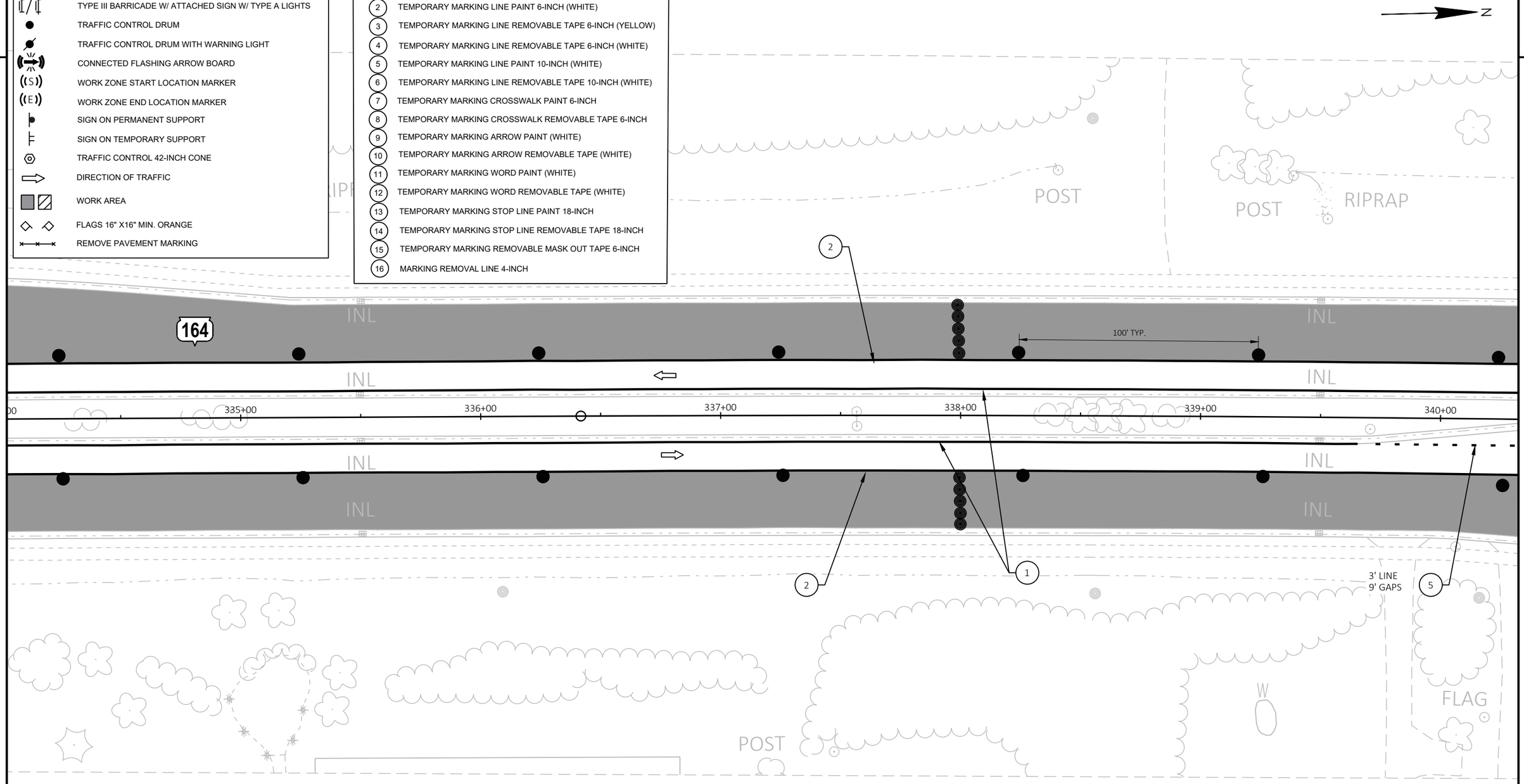
2

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH



PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL - PHASE 2 - STAGE 3	SHEET 493	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S7.DWG
LAYOUT NAME - 33

PLOT DATE : 4/28/2026 6:29 PM PLOT BY : DILLINGHAM, MATTHEW PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

ROAD WORK AHEAD
W20-1A

END ROAD WORK
G20-2A
48"X24"

N

RIPRAP

POST

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

350' TYP.

REFER TO PEDESTRIAN ACCOMODATIONS

* PLACE PAINT ON MILLED SURFACE AND LOWER HMA LAYER. PLACE TAPE ON UPPER HMA LAYER.

INL

164

100' TYP.

STH 164/PEWAUKEE RD

341+00 342+00 343+00 344+00 345+00 346+00

STOP
R1-1
30"X30"

15' TYP.

3' LINE
9' GAPS

N CORPORATE ROAD

N CORPORAE CIR W

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL - PHASE 2 - STAGE 3	SHEET 494	E

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

N

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

REFER TO PEDESTRIAN ACCOMODATIONS

POST

15' TYP.

INL INL

164

3' LINE
9' GAPS

347+00 348+00 349+00 350+00 351+00 352+00

100' TYP.

RIPRAP

POST POST

* PLACE PAINT ON MILLED SURFACE AND LOWER HMA LAYER. PLACE TAPE ON UPPER HMA LAYER.

CLOVER DRIVE

END ROAD WORK
G20-2A
48"X24"

A/C

DR

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL - PHASE 2 - STAGE 3	SHEET 495	E

2

TEMPORARY MARKING LEGEND

1	TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2	TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3	TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4	TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5	TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6	TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7	TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8	TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9	TEMPORARY MARKING ARROW PAINT (WHITE)
10	TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11	TEMPORARY MARKING WORD PAINT (WHITE)
12	TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13	TEMPORARY MARKING STOP LINE PAINT 18-INCH
14	TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15	TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16	MARKING REMOVAL LINE 4-INCH

N

REFER TO PEDESTRIAN ACCOMODATIONS

SLAB

SLAB

POST

POST

POST

* PLACE PAINT ON MILLED SURFACE AND LOWER HMA LAYER. PLACE TAPE ON UPPER HMA LAYER.

3' LINE
9' GAPS

INL

15' TYP.

STH 164/PEWAUKEE RD

164

353+00

354+00

355+00

356+00

357+00

358+00

INL

15' TYP.

INL

STH 164/PEWAUKEE RD

INL

100' TYP.

200' TYP.

POST

STOP

R1-1
30"X30"

W

W

W

W

* PLACE PAINT ON MILLED SURFACE AND LOWER HMA LAYER. PLACE TAPE ON UPPER HMA LAYER.

R11-2L
48" X 30"

LANE CLOSED

TYPE III BARRICADE

ROAD WORK AHEAD

W20-1A

INL

DR

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL - PHASE 2 - STAGE 3	SHEET 496 E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S7.DWG
LAYOUT NAME - 36

PLOT DATE : 4/28/2026 6:30 PM PLOT BY : DILLINGHAM, MATTHEW PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

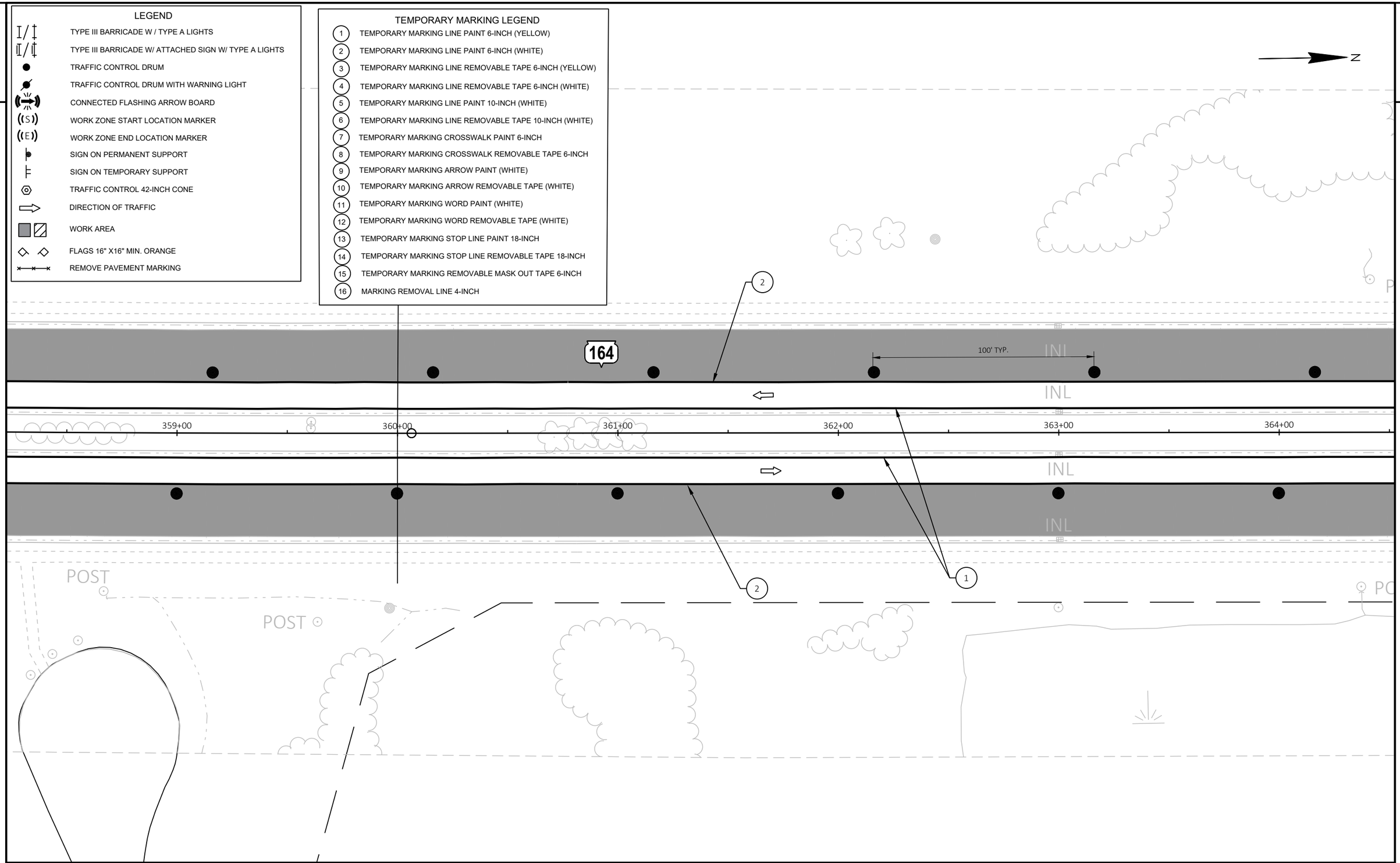
2

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH



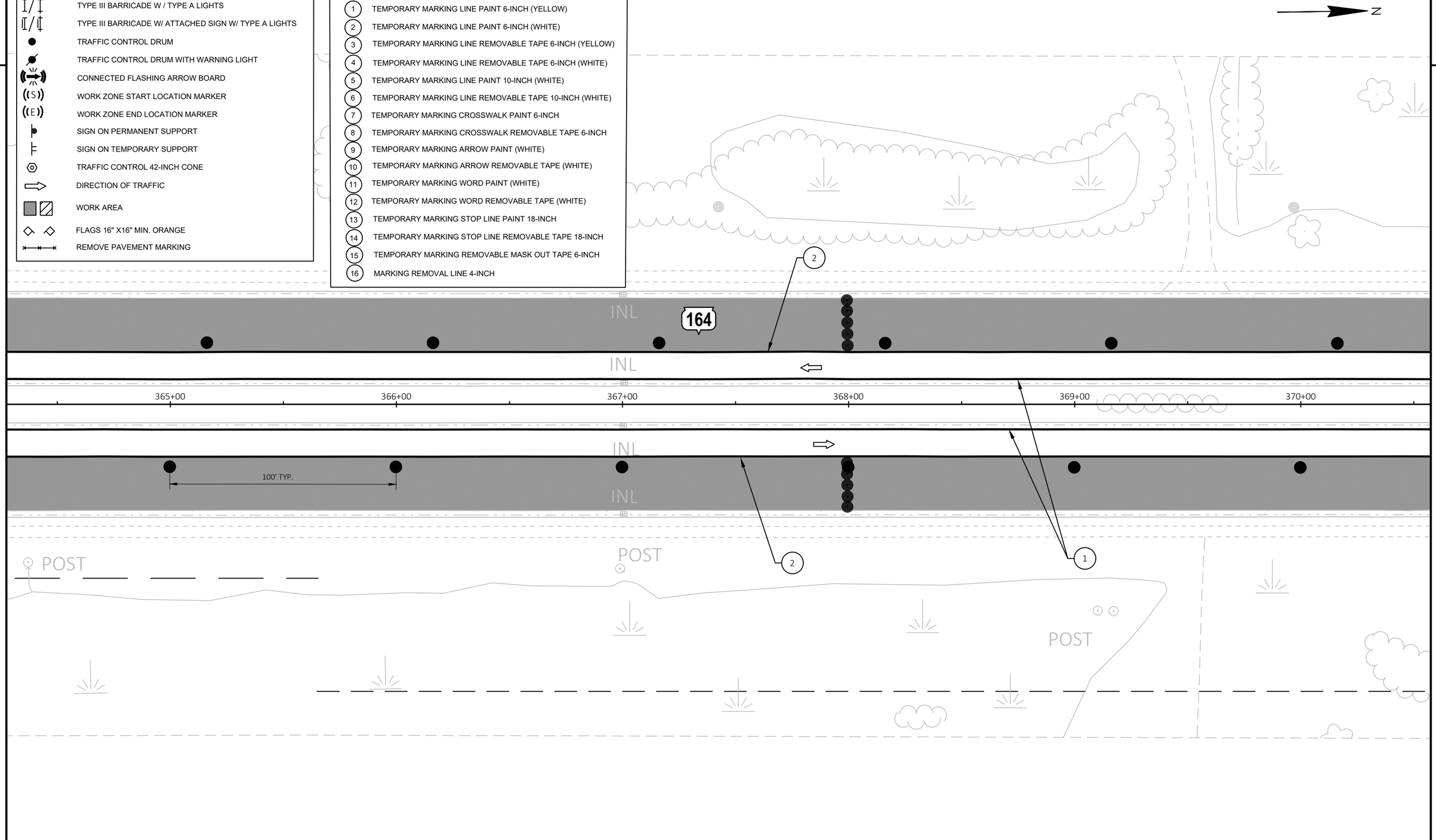
PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL - PHASE 2 - STAGE 3	SHEET 497	E

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH



2

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL - PHASE 2 - STAGE 3	SHEET 498	E

2

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

N

2

POST

INL INL

INL

164

STH 164/PEWAUKEE RD

371+00 372+00 373+00 374+00 375+00 376+00

100' TYP.

3' LINE
9' GAPS

2 1 5 5

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL - PHASE 2 - STAGE 3	SHEET 499	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S7.DWG
LAYOUT NAME - 39

PLOT DATE : 4/28/2026 6:31 PM PLOT BY : DILLINGHAM, MATTHEW PLOT NAME : PLOT SCALE : 1 IN:40 FT

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

N

POST

3' LINE
9' GAPS

164

377+00 378+00 379+00 380+00 381+00 382+00

948

15' TYP.

100' TYP.

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL - PHASE 2 - STAGE 3	SHEET 500	E

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

N

383+00 384+00 385+00 386+00 387+00 388+00 141+00 140+00 142+00

164

100' TYP.

944 943 942 941

POST INL

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL - PHASE 2 - STAGE 3	SHEET 501	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S7.DWG
LAYOUT NAME - 41

PLOT DATE : 4/28/2026 6:31 PM PLOT BY : DILLINGHAM, MATTHEW PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

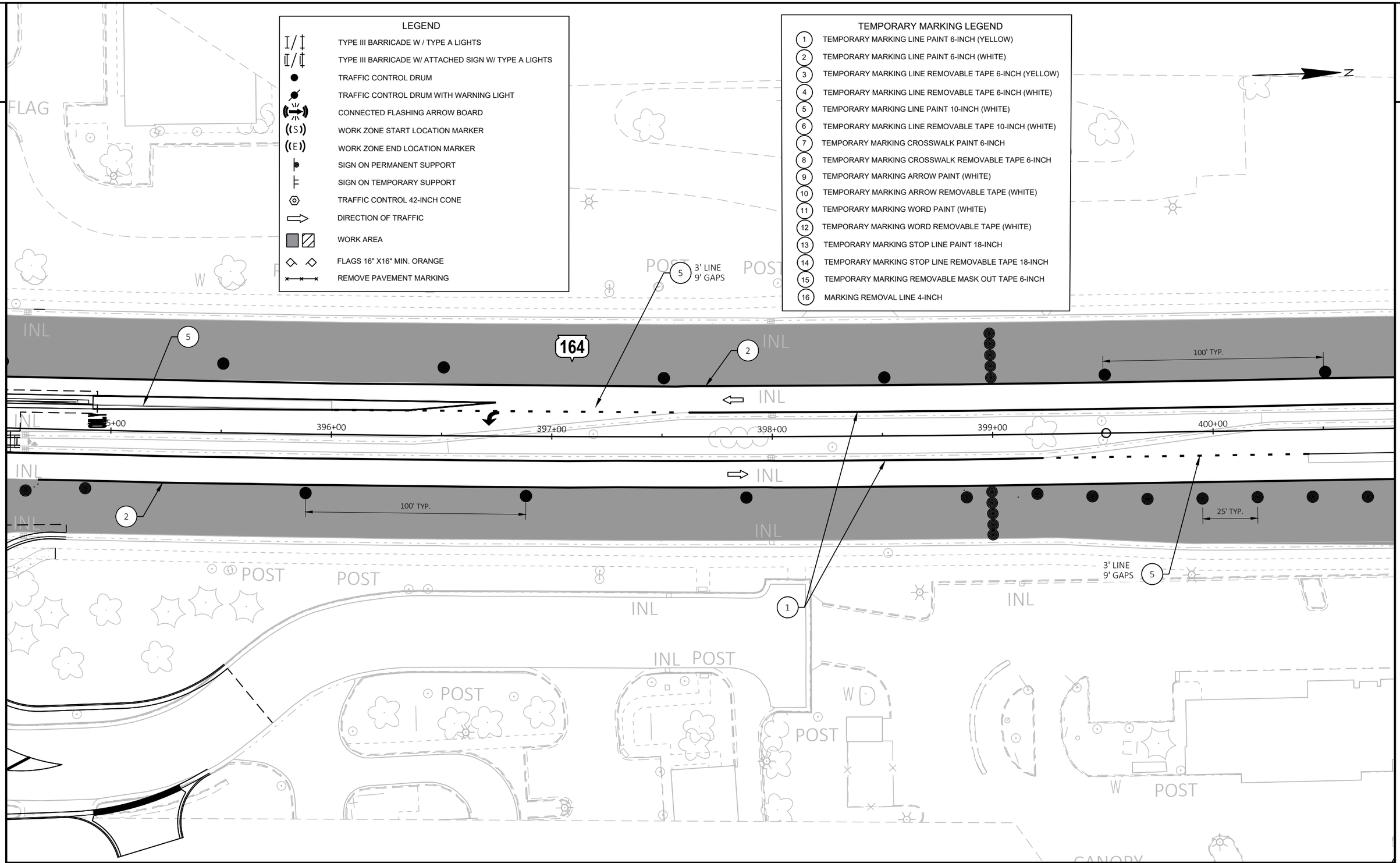
RIPRAP
INL
BERM
INL
INL INL
164
STH 164/PEWAUKEE RD
INL INL
INL INL
INL INL
INL INL
INL
INL

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH



PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL - PHASE 2 - STAGE 3	SHEET 503	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S7.DWG
LAYOUT NAME - 43

PLOT DATE : 4/28/2026 6:32 PM PLOT BY : DILLINGHAM, MATTHEW PLOT NAME : PLOT SCALE : 1 IN:40 FT

NOTES:

1. MEDIAN CURB RAMP SURFACE WILL BE ADJUSTED (LOWERED OR RAISED) TO MATCH WORK ZONE SURFACE UNTIL STAGE 4.
2. PROVIDE PEDESTRIAN SIGNAGE AND TEMPORARY DEVICES IN ACCORDANCE WITH SDD, "TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION" UNTIL ACCOMMODATIONS CAN BE PROVIDED VIA PERMANENT SIDEWALK PLACEMENT.
3. TEMPORARY PEDESTRIAN ACCOMMODATIONS SHALL BE IN PLACE PRIOR TO NEW CURB RAMP AND SIGNAL WORK BEGINNING.
4. REFER TO TRAFFIC CONTROL STAGING PLAN STAGE 2 FOR OTHER TRAFFIC CONTROL DETAILS

* PLACE PAINT ON MILLED SURFACE AND LOWER HMA LAYER. PLACE TAPE ON UPPER HMA LAYER.

R11-2L 48" X 30" LANE CLOSED — TYPE III BARRICADE

REFER TO PEDESTRIAN ACCOMODATIONS

TRUCK M4-4 24"X12" — R3-1 24"X24"

STH 164

401+00 402+00 403+00 404+00 405+00 406+00

15' TYP.

50' TYP.

25' TYP.

100' TYP.

108+00

109+00

110+00

PI: 110+00.00

2' LINE 6' GAPS

SILVER SPRING DRIVE

112+00

164

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL - PHASE 2 - STAGE 3	SHEET 504	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S7.DWG
LAYOUT NAME - 44
PLOT DATE : 4/28/2026 6:33 PM
PLOT BY : DILLINGHAM, MATTHEW
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- (S) WORK ZONE START LOCATION MARKER
- (E) WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

N

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

50' TYP.

3' LINE
9' GAPS

2' LINE
6' GAPS

407+00 408+00 409+00 410+00 411+00 412+00

164

100' TYP.

15' TYP.

END PROJECT
STA 408+00

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

200' TYP.

PRIVATE ROAD

ROAD WORK AHEAD
W20-1A

INL POST FLAG

2

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL - PHASE 2 - STAGE 3	SHEET 505	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S7.DWG
LAYOUT NAME - 45
PLOT DATE : 4/28/2026 6:34 PM
PLOT BY : DILLINGHAM, MATTHEW
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- (S) WORK ZONE START LOCATION MARKER
- (E) WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

N

50' TYP.

INL

413+00 414+00 415+00 416+00 417+00 418+00

GRATE

W

POST

STH 164/PEWAUKEE RD

164

((E))

END ROAD WORK
G20-2A
48"X24"

2

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL - PHASE 2 - STAGE 3	SHEET 506	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S7.DWG
LAYOUT NAME - 46

PLOT DATE : 4/28/2026 6:34 PM PLOT BY : DILLINGHAM, MATTHEW PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

15' TYP.

50' TYP.

200' TYP.

END ROAD WORK
G20-2A
48"X24"

ROAD WORK AHEAD
W20-1A

STONEGATE COURT

419+00 420+00 421+00 422+00 423+00 424+00 425+

164

UNION PACIFIC

N

INL

POST

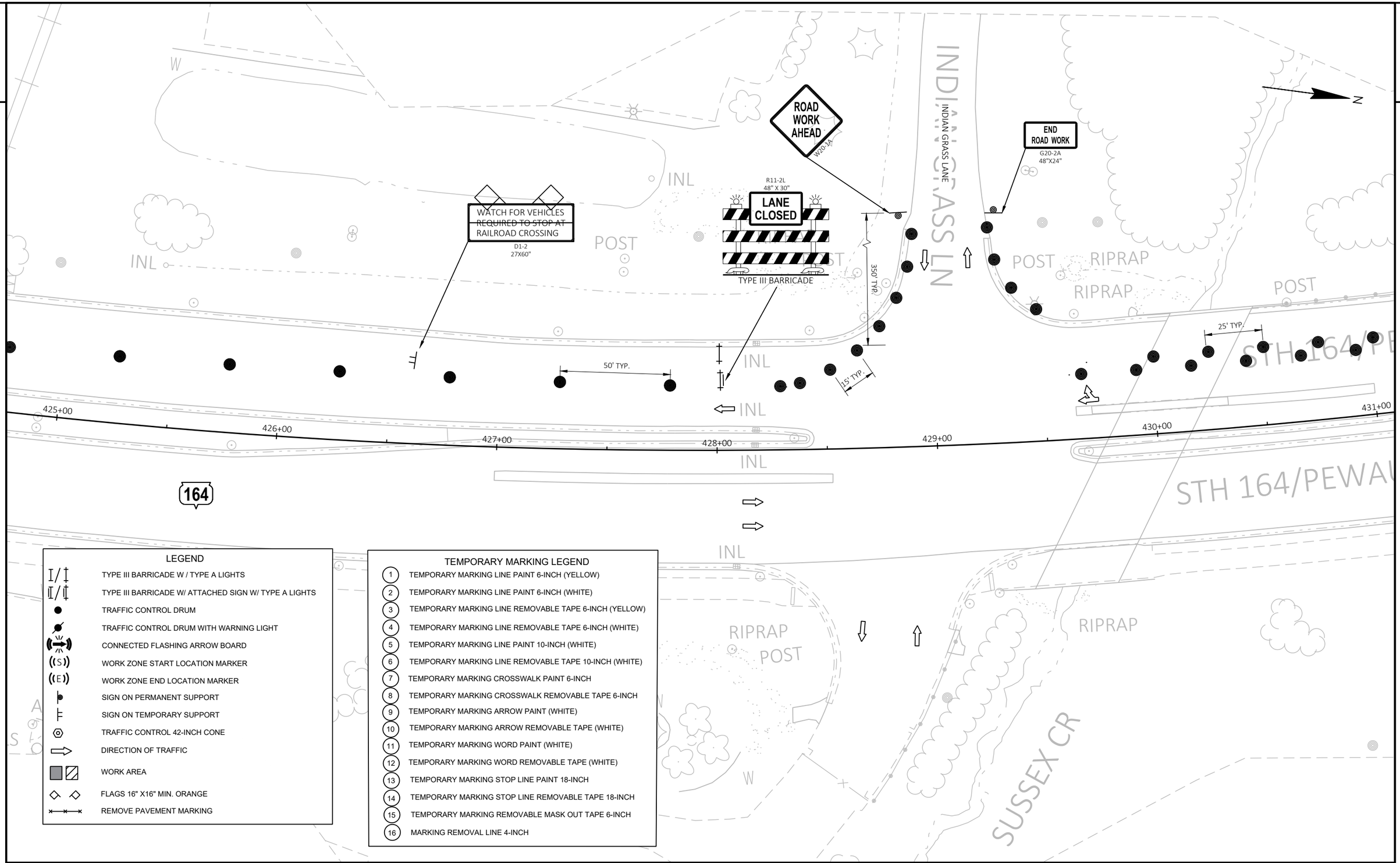
LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL - PHASE 2 - STAGE 3	SHEET 507	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S7.DWG
LAYOUT NAME - 47
PLOT DATE : 4/28/2026 6:34 PM
PLOT BY : DILLINGHAM, MATTHEW
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2



LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL - PHASE 2 - STAGE 3	SHEET 508	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S7.DWG
LAYOUT NAME - 48
PLOT DATE : 4/28/2026 6:35 PM
PLOT BY : DILLINGHAM, MATTHEW
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

2

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

BEGIN RIGHT TURN LANE
R3-20R 24"X36"

4
3'LINE 9' GAPS
6
6
15
25' TYP.

431+00 432+00 433+00 434+00 435+00 436+00 437+00

164

64/PEWAUKEE RD
VAUKEE RD

POST
RIPRAP
INL
INL INL

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL - PHASE 2 - STAGE 3	SHEET 509	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S7.DWG
LAYOUT NAME - 49

PLOT DATE : 4/28/2026 6:35 PM PLOT BY : DILLINGHAM, MATTHEW PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

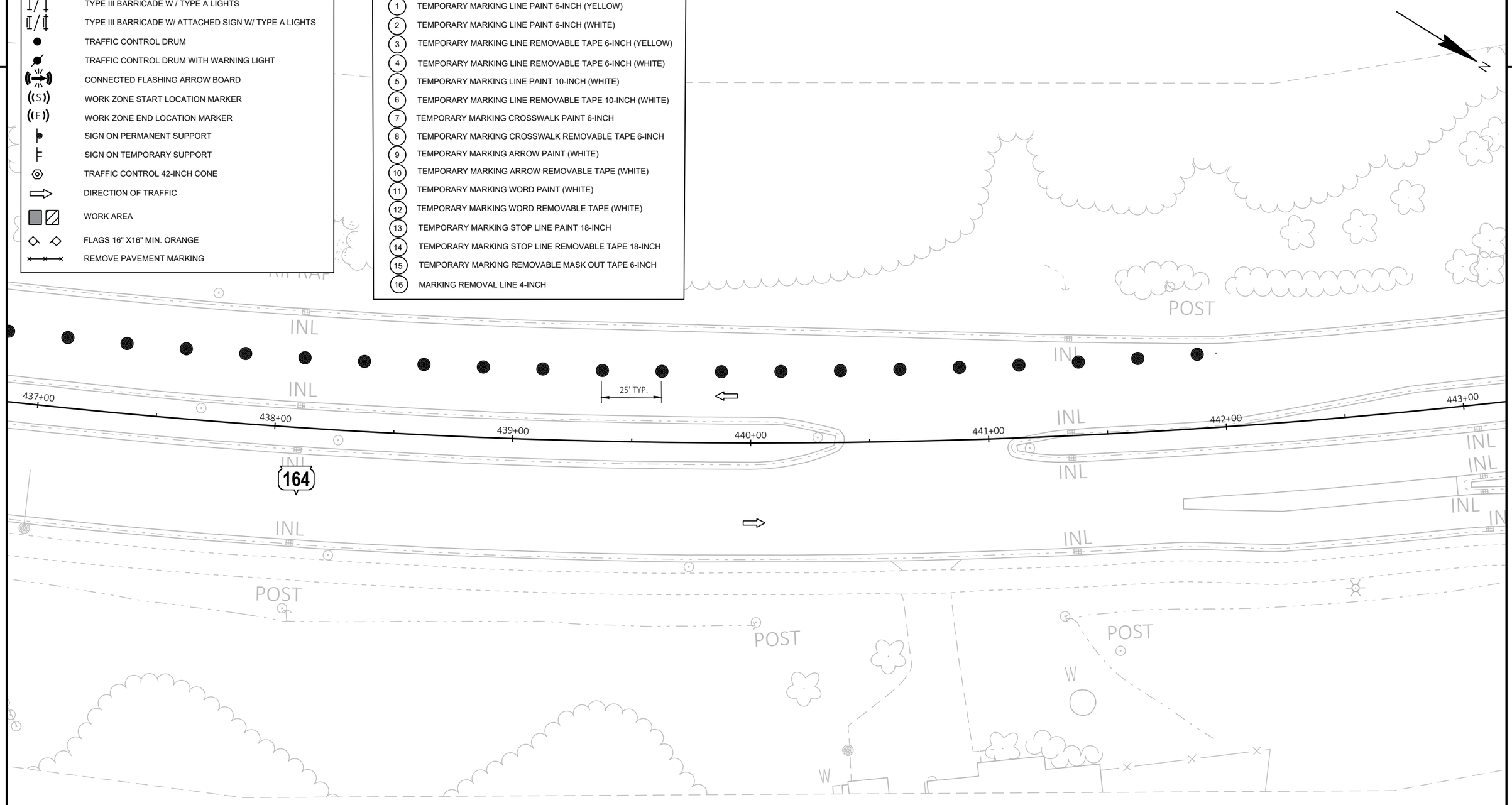
2

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

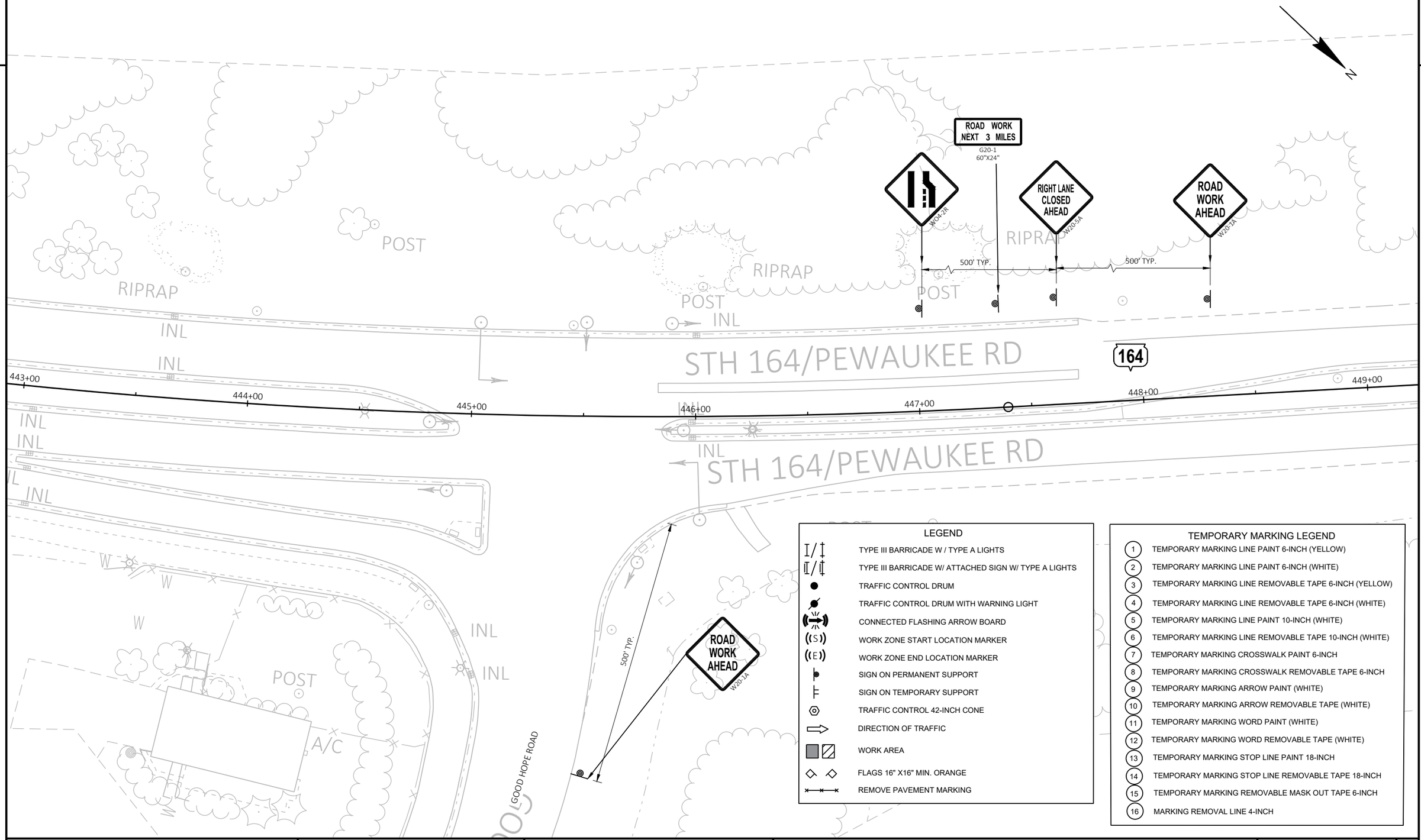
TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH



PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL - PHASE 2 - STAGE 3	SHEET 510	E

2



LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL - PHASE 2 - STAGE 3	SHEET 511	E

2

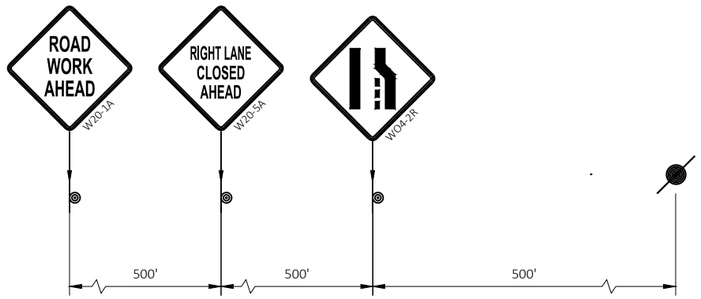
LEGEND

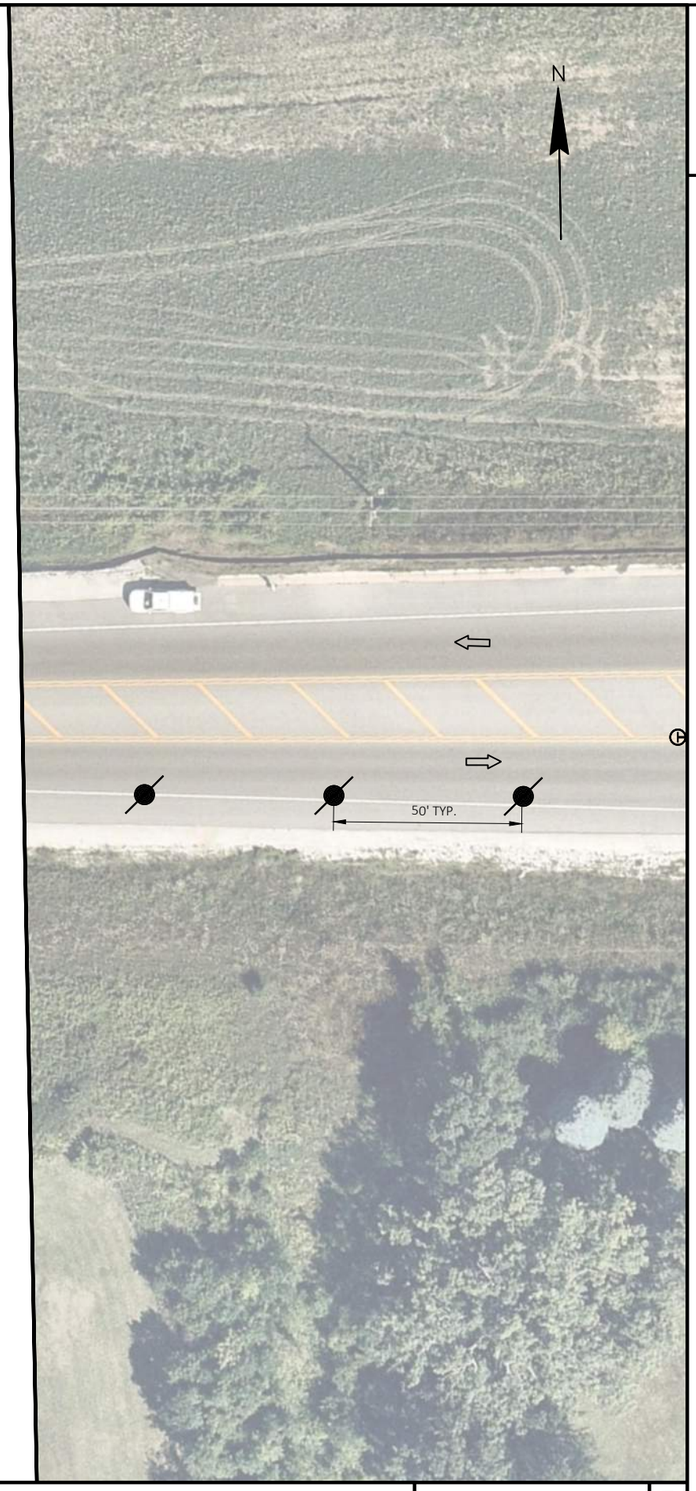
- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

K





2

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL - PHASE 2 - STAGE 3	SHEET 512	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S7.DWG
LAYOUT NAME - 01-CTH K W

PLOT DATE : 4/28/2026 6:36 PM PLOT BY : DILLINGHAM, MATTHEW PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

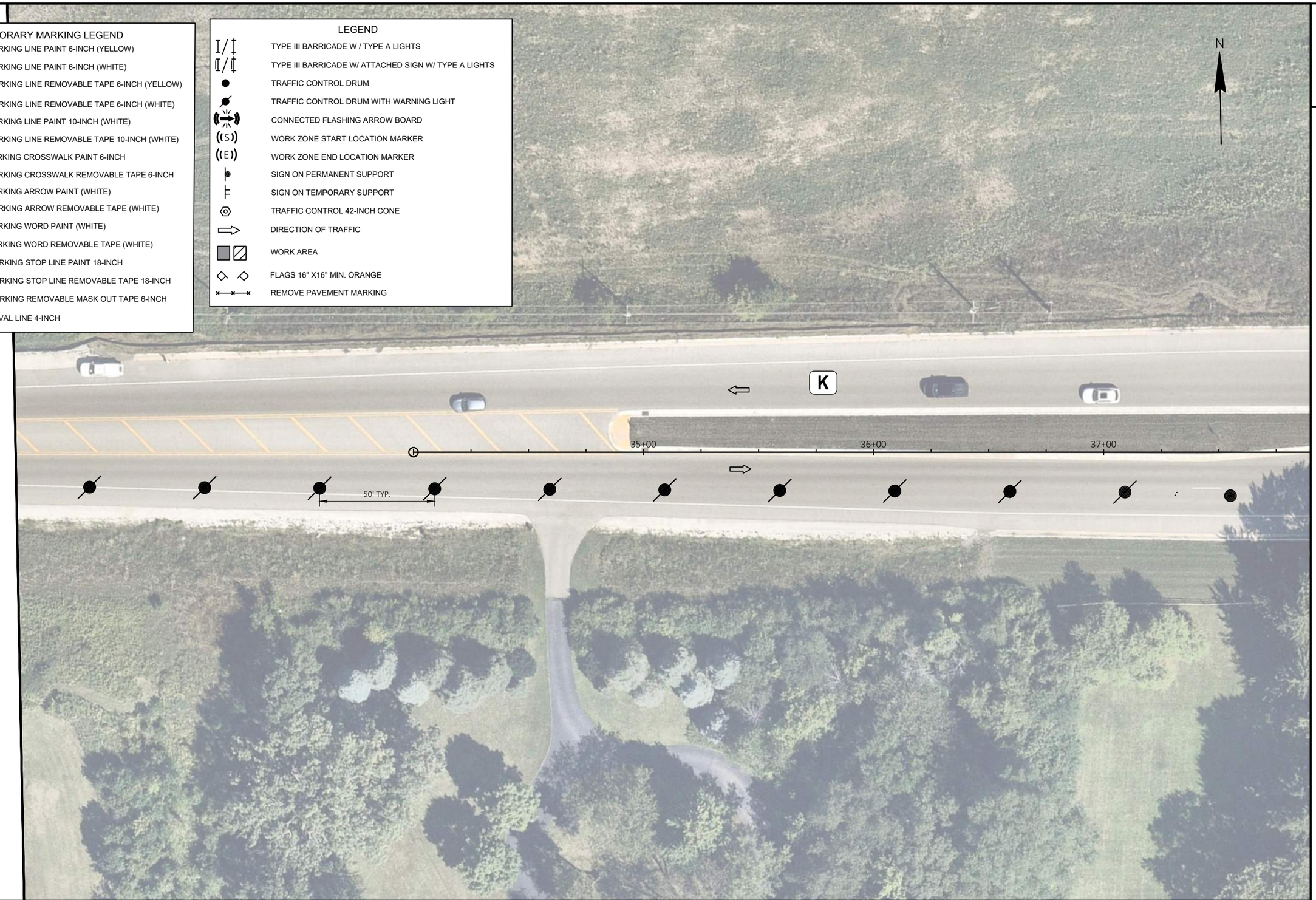
2

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING



2

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL - PHASE 2 - STAGE 3	SHEET 513	E

2

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

N

38+00 39+00 40+00 41+00 42+00 43+00

2

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL - PHASE 2 - STAGE 3	SHEET 514	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S7.DWG
LAYOUT NAME - 03-CTH K W
PLOT DATE : 4/28/2026 6:38 PM PLOT BY : DILLINGHAM, MATTHEW PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

2

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

N

END ROAD WORK
G20-2A
48"X24"

2 4* 25' TYP.

43+00 K 44+00 45+00 46+00 47+00 48+00 49+00

6 5 6* 3' LINE 9' GAPS

CTH K
STA 45+51

WO1-6
48" X 24"
TYPE III BARRICADE

2 4* 5 6*

LISBON RD

* PLACE PAINT ON MILLED SURFACE AND LOWER HMA LAYER. PLACE TAPE ON UPPER HMA LAYER.

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL - PHASE 2 - STAGE 3	SHEET 515	E

2

2

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

N

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

2 4*

4

5 6*

25' TYP.

LISBON RD

52+00 53+00 54+00 55+00 56+00 57+00

6

K

3' LINE
9' GAPS
6

2 4*

* PLACE PAINT ON MILLED SURFACE AND LOWER HMA LAYER. PLACE TAPE ON UPPER HMA LAYER.

END
ROAD WORK
G20-2A
48"X24"

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL - PHASE 2 - STAGE 3	SHEET 516	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S7.DWG
LAYOUT NAME - 01 - CTH K E

PLOT DATE : 4/28/2026 6:40 PM PLOT BY : DILLINGHAM, MATTHEW PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

2

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

N

6

50' TYP.

4

58+00 59+00 60+00 61+00 62+00 63+00

3' LINE
9' GAPS

6

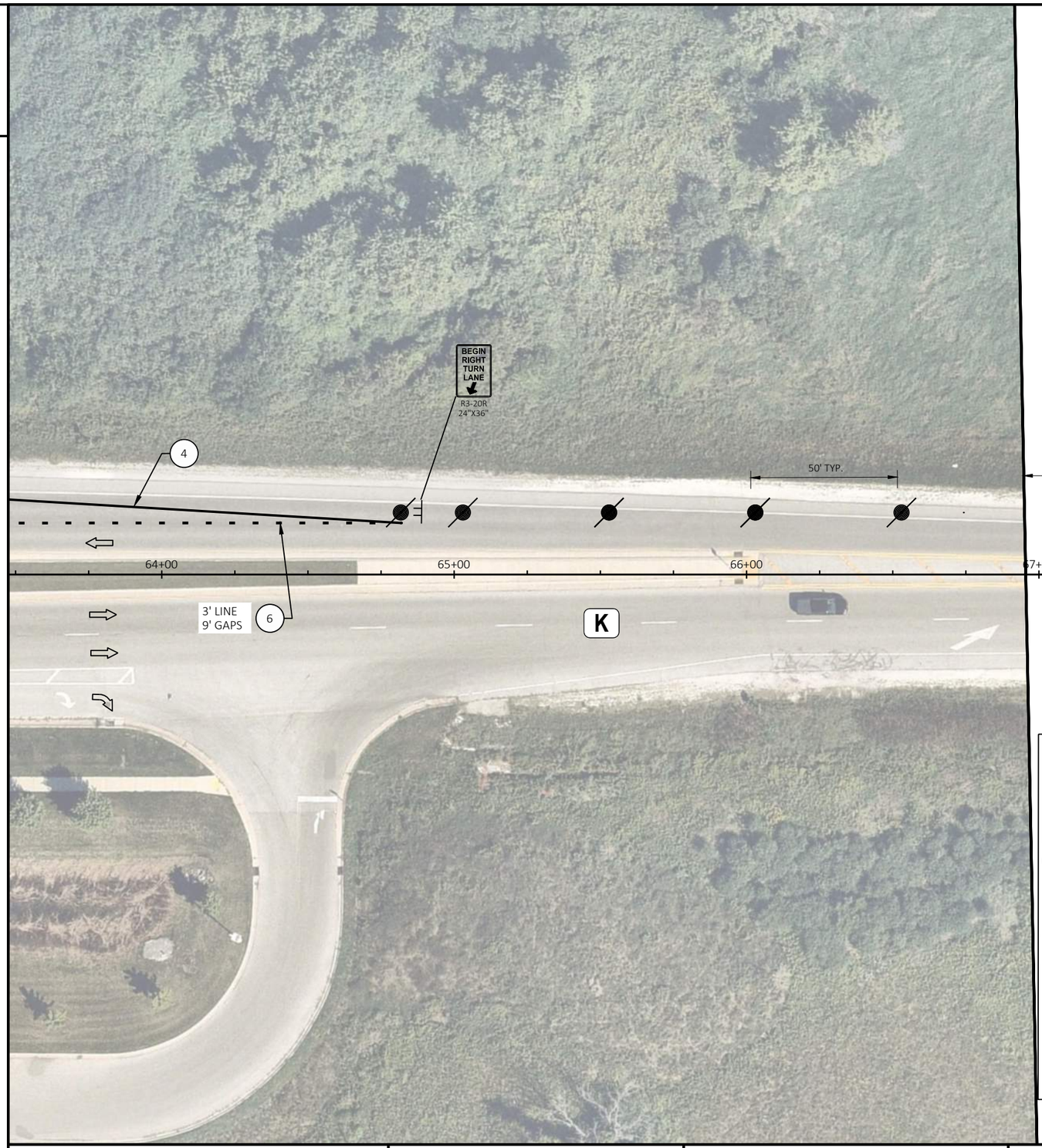
K

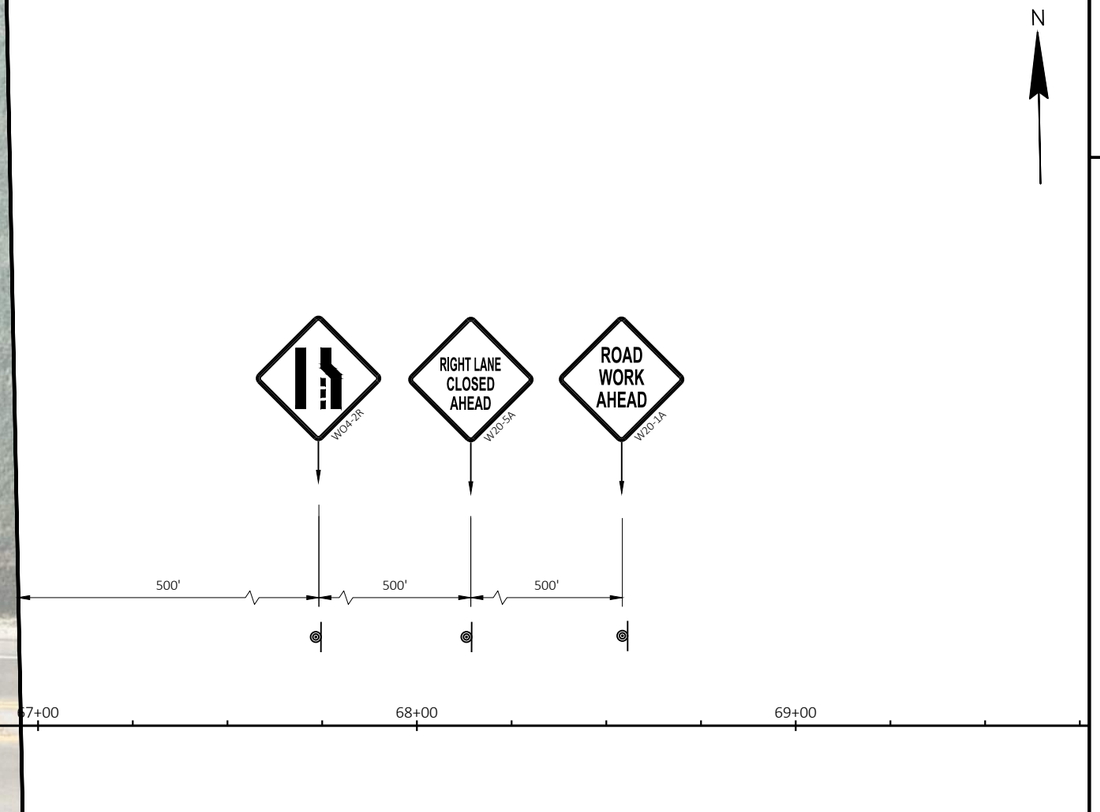
PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL - PHASE 2 - STAGE 3	SHEET 517	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S7.DWG
LAYOUT NAME - 02 - CTH K - E

PLOT DATE : 4/28/2026 6:42 PM PLOT BY : DILLINGHAM, MATTHEW PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42





LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL - PHASE 2 - STAGE 3	SHEET 518	E

2

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

N

BP: 90+00.00

91+00 92+00 93+00 94+00 95+00 96+00

500' 500' 500'

ROAD WORK AHEAD W20-1A

RIGHT LANE CLOSED AHEAD W20-5A

W04-2R

2

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL - PHASE 2 - STAGE 3	SHEET 519	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S7.DWG
LAYOUT NAME - CTH VV

PLOT DATE : 4/28/2026 6:43 PM PLOT BY : DILLINGHAM, MATTHEW PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

N

96+00 97+00 98+00 99+00 100+00 101+00 102+00

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

2

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL - PHASE 2 - STAGE 3	SHEET 520	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S7.DWG
LAYOUT NAME - CTH VV (1)

PLOT DATE : 4/28/2026 6:44 PM PLOT BY : DILLINGHAM, MATTHEW PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

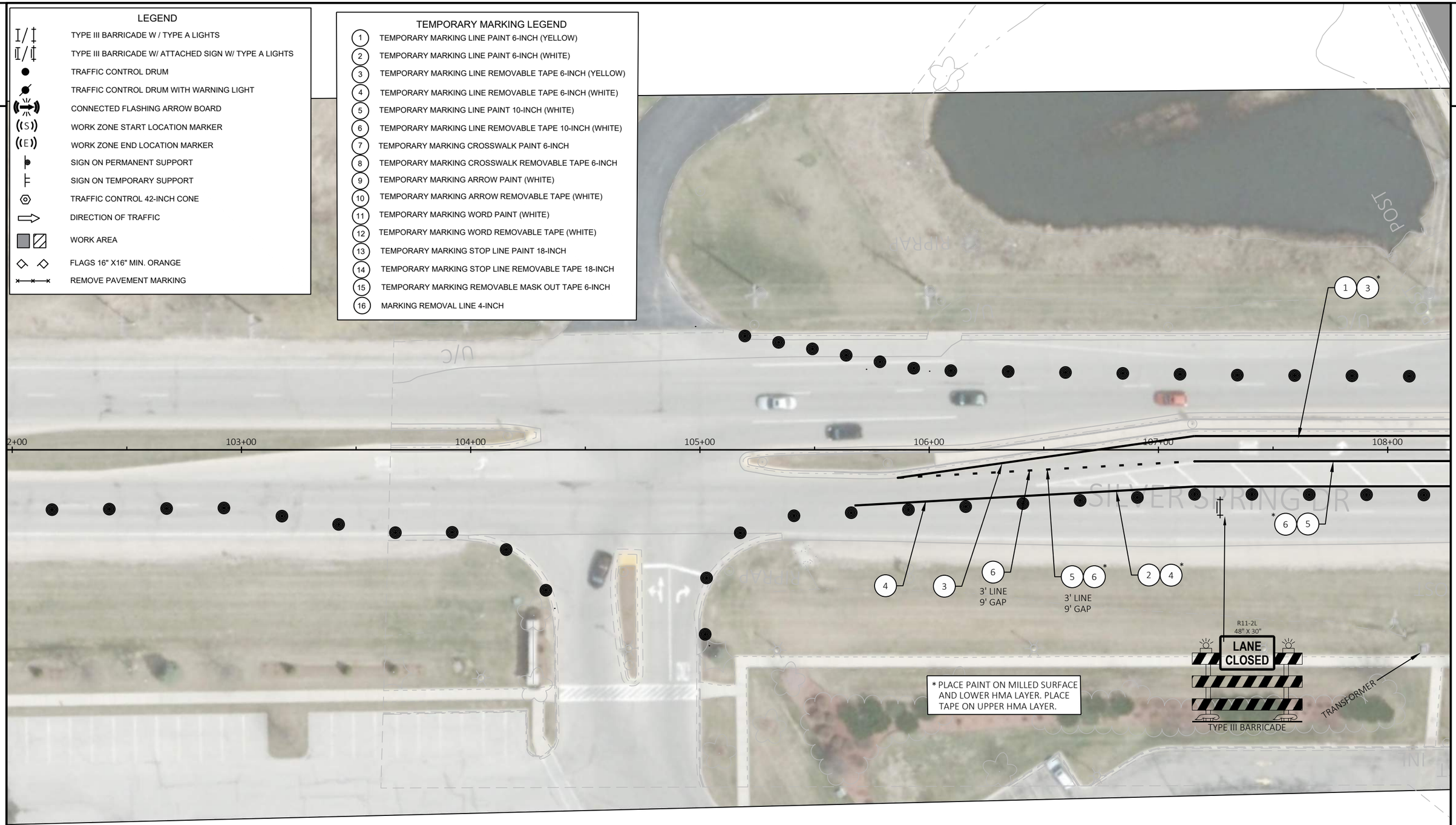
2

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH



2

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL - PHASE 2 - STAGE 3	SHEET 521	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S7.DWG
LAYOUT NAME - CTH VV (2)

PLOT DATE : 4/28/2026 6:45 PM PLOT BY : DILLINGHAM, MATTHEW PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

WO1-6
48" X 24"
TYPE III BARRICADE

2 4 *
3' LINE
9' GAP
* 6 5

1 3 *

* PLACE PAINT ON MILLED SURFACE AND LOWER HMA LAYER. PLACE TAPE ON UPPER HMA LAYER.

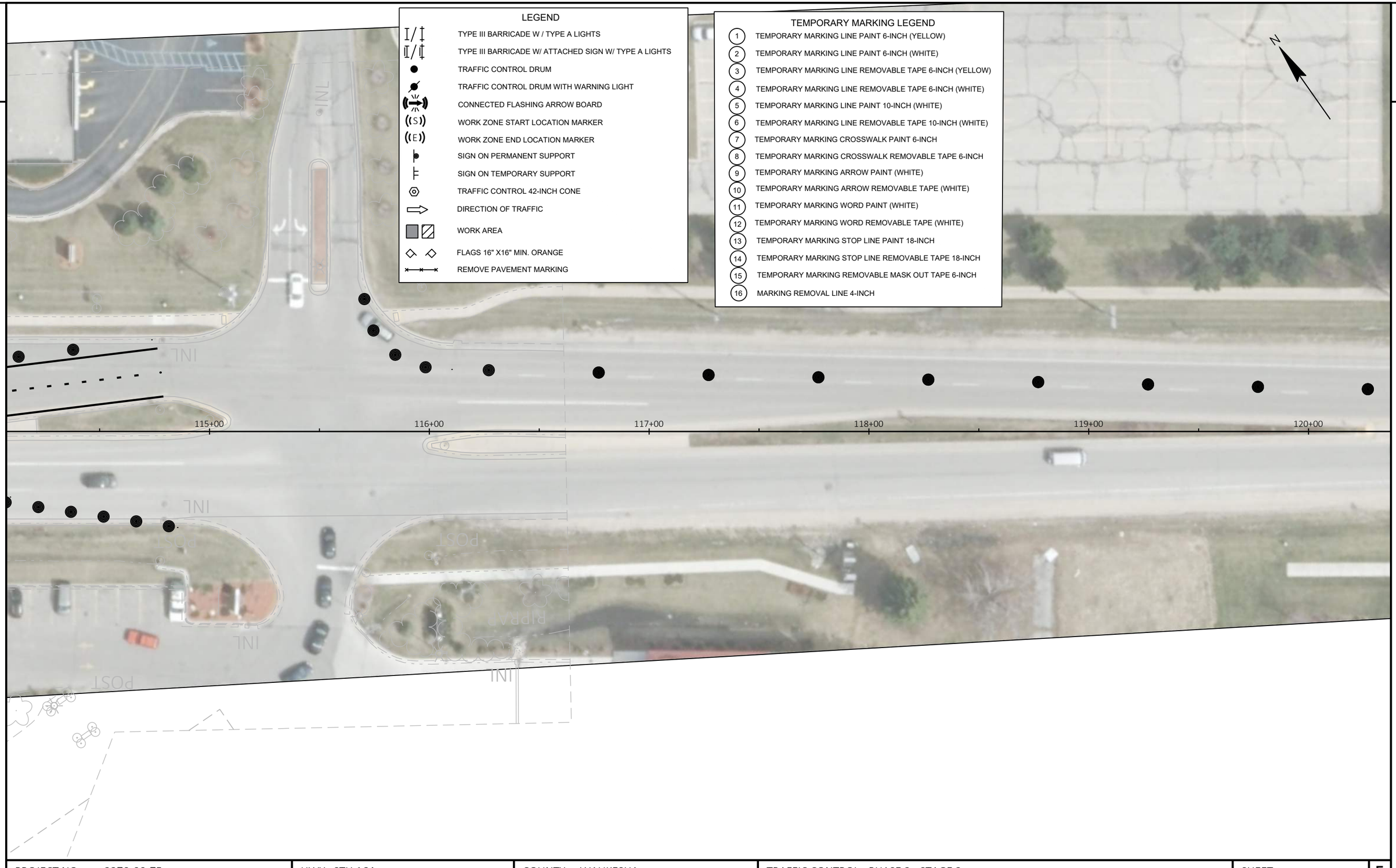
WO1-6
48" X 24"
TYPE III BARRICADE

405+00
404+00
403+00
402+00
PI: 110+00.00
109+00
110+00
111+00
112+00
113+00
114+00
SILVER SPRING DR
STH 164

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL - PHASE 2 - STAGE 3	SHEET 522	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S7.DWG
LAYOUT NAME - CTH VV (3)
PLOT DATE : 4/28/2026 6:46 PM
PLOT BY : DILLINGHAM, MATTHEW
PLOT NAME :
PLOT SCALE : 1 IN:40 FT

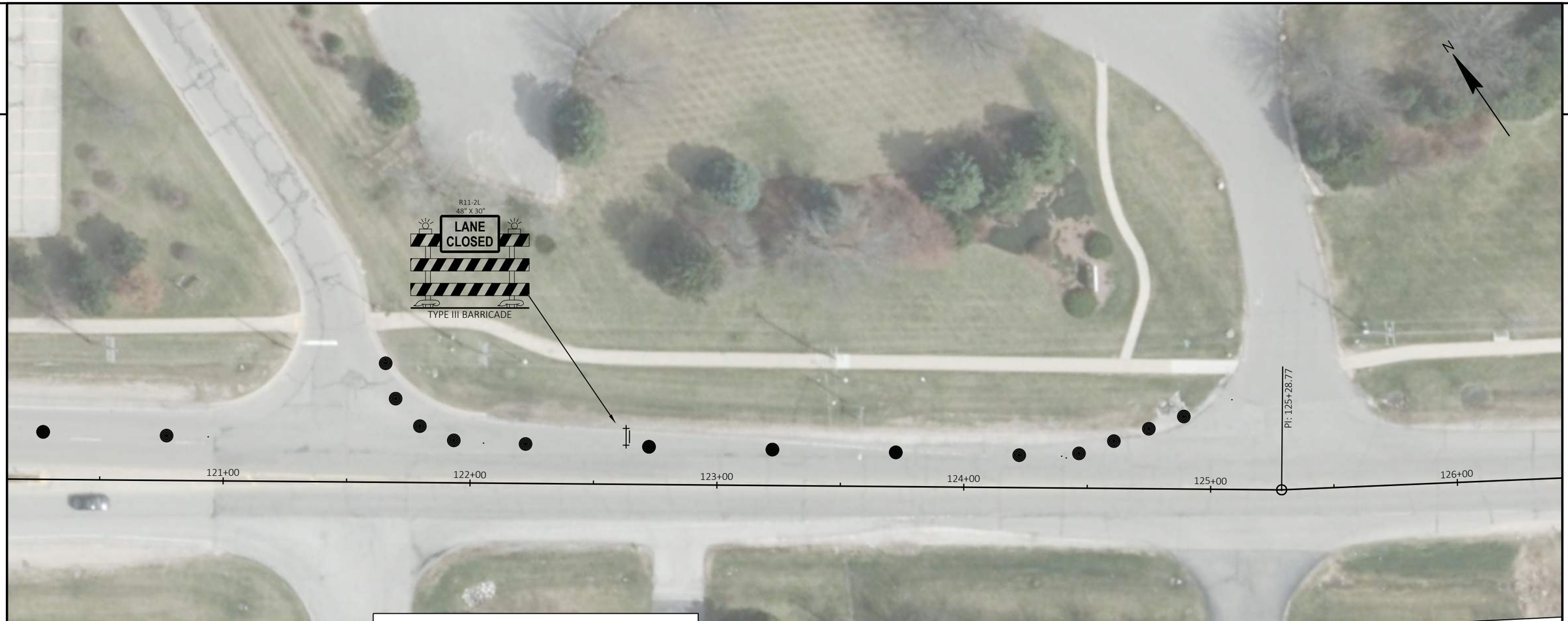
2



2

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL - PHASE 2 - STAGE 3	SHEET 523	E

2



LEGEND

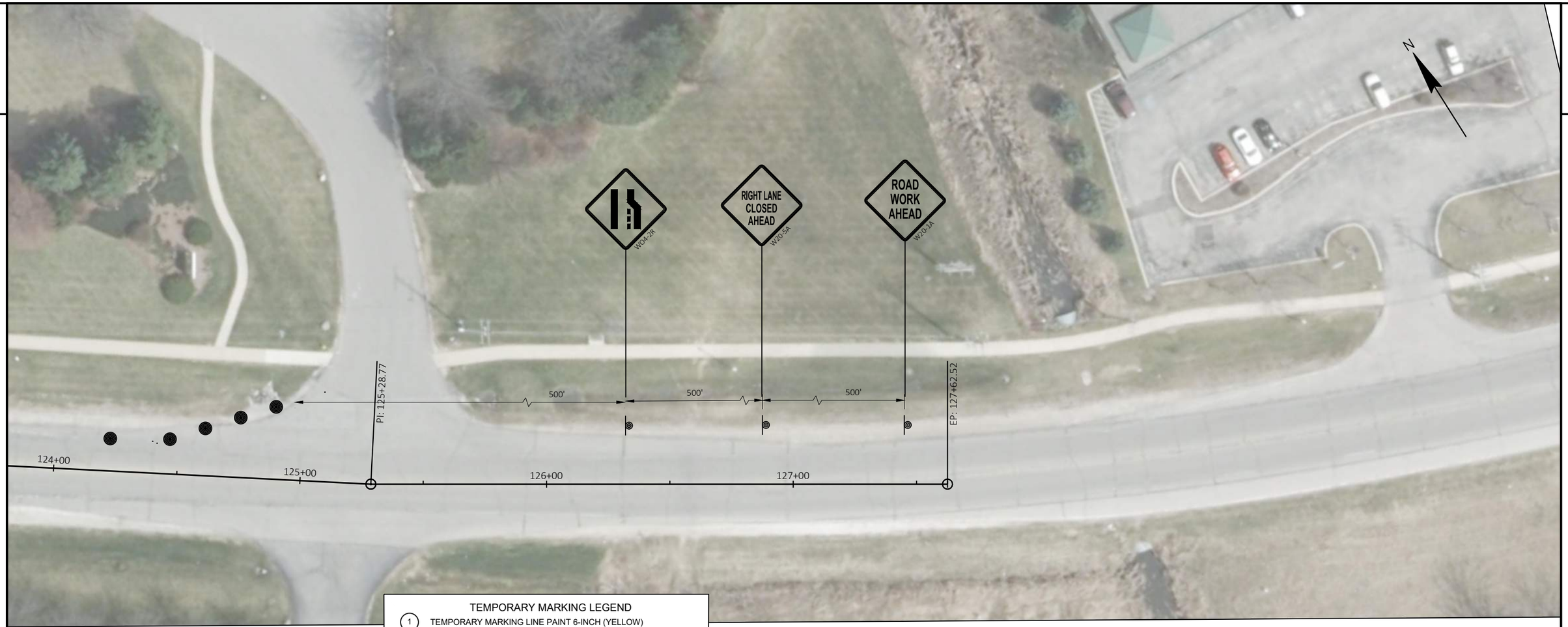
- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL - PHASE 2 - STAGE 3	SHEET 524	E

2



LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL - PHASE 2 - STAGE 3	SHEET 525	E

2

2

LEGEND

- WORK ZONE
- SIGN ON PERMANENT SUPPORT / TEMPORARY SUPPORT
- TEMPORARY PEDESTRIAN SURFACE ASPHALT
- TEMPORARY PEDESTRIAN SURFACE PLATE
- TEMPORARY CURB RAMP
- TEMPORARY DETECTABLE WARNING FIELD
- TEMPORARY PEDESTRIAN BARRICADE
- TEMPORARY AUDIBLE MESSAGE DEVICE (EXACT PLACEMENT BASED UPON FIELD CONDITIONS)
- DETOUR ROUTE
- DIRECTION OF TRAFFIC

N

TEMPORARY AUDIBLE MESSAGE DEVICE: ATTENTION PEDESTRIANS. YOU ARE AT THE INTERSECTION OF HIGHWAY 164 AND HIGHWAY K. THE CURB RAMPS ARE UNDER CONSTRUCTION. TEMPORARY ACCOMODATIONS HAVE BEEN PROVIDED. PLEASE CROSS HERE.

48+00

49+00

PROPOSED CURB RAMP

M4-60R 30"X24"

M4-60L 30"X24"

SIDEWALK CLOSED R9-9 24"X12"

SIDEWALK CLOSED R9-9 24"X12"

PROPOSED CURB RAMP

M4-60L 30"X24"

SIDEWALK CLOSED AHEAD R9-9A 30"X18"

DETOUR AHEAD M4-9BA 30"X24"

1

164

STH 164/WAUKEE ROAD

309+00

310+00

311+00

313+00

314+00

315+00

TEMPORARY AUDIBLE MESSAGE DEVICE: ATTENTION PEDESTRIANS. YOU ARE AT THE INTERSECTION OF HIGHWAY 164 AND HIGHWAY K. THE CURB RAMPS ARE UNDER CONSTRUCTION. TEMPORARY ACCOMODATIONS HAVE BEEN PROVIDED. PLEASE CROSS HERE.

51+00

K

SIDEWALK CLOSED AHEAD R9-9A 30"X18"

DETOUR AHEAD M4-9BA 30"X24"

M4-60R 30"X24"

M4-60L 30"X24"

PROPOSED CURB RAMP

M4-60L 30"X24"

M4-60R 30"X24"

M4-60L 30"X24"

M4-60R 30"X24"

SIDEWALK CLOSED AHEAD R9-9A 30"X18"

DETOUR AHEAD M4-9BA 30"X24"

NOTES:

1. MEDIAN CURB RAMP SURFACE WILL BE ADJUSTED (LOWERED OR RAISED) TO MATCH WORK ZONE SURFACE UNTIL STAGE 4.
2. PROVIDE PEDESTRIAN SIGNAGE AND TEMPORARY DEVICES IN ACCORDANCE WITH SDD, "TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION" UNTIL ACCOMMODATIONS CAN BE PROVIDED VIA PERMANENT SIDEWALK PLACEMENT.
3. TEMPORARY PEDESTRIAN ACCOMMODATIONS SHALL BE IN PLACE PRIOR TO NEW CURB RAMP AND SIGNAL WORK BEGINNING.
4. REFER TO TRAFFIC CONTROL STAGING PLAN STAGE 3 FOR OTHER TRAFFIC CONTROL DETAILS

TEMPORARY MARKING LEGEND

1 TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	PEDESTRIAN ACCOMODATIONS - CTH K	SHEET 526	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S7.DWG
LAYOUT NAME - PED ACCOM-CTH K

PLOT DATE : 4/28/2026 6:50 PM PLOT BY : DILLINGHAM, MATTHEW PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

LEGEND

- WORK ZONE
- SIGN ON PERMANENT SUPPORT / TEMPORARY SUPPORT
- TEMPORARY PEDESTRIAN SURFACE ASPHALT
- TEMPORARY PEDESTRIAN SURFACE PLATE
- TEMPORARY CURB RAMP
- TEMPORARY DETECTABLE WARNING FIELD
- TEMPORARY PEDESTRIAN BARRICADE
- TEMPORARY AUDIBLE MESSAGE DEVICE (EXACT PLACEMENT BASED UPON FIELD CONDITIONS)
- DETOUR ROUTE
- DIRECTION OF TRAFFIC

TEMPORARY MARKING LEGEND

(1) TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)

NOTES:

1. MEDIAN CURB RAMP SURFACE WILL BE ADJUSTED (LOWERED OR RAISED) TO MATCH WORK ZONE SURFACE UNTIL STAGE 4.
2. PROVIDE PEDESTRIAN SIGNAGE AND TEMPORARY DEVICES IN ACCORDANCE WITH SDD, "TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION" UNTIL ACCOMMODATIONS CAN BE PROVIDED VIA PERMANENT SIDEWALK PLACEMENT.
3. TEMPORARY PEDESTRIAN ACCOMMODATIONS SHALL BE IN PLACE PRIOR TO NEW CURB RAMP AND SIGNAL WORK BEGINNING.
4. REFER TO TRAFFIC CONTROL STAGING PLAN STAGE 3 FOR OTHER TRAFFIC CONTROL DETAILS

N

TEMPORARY AUDIBLE MESSAGE DEVICE:
ATTENTION PEDESTRIANS. YOU ARE AT THE INTERSECTION OF HIGHWAY 164 AND SOUTH CORPORATE CIRCLE. THIS CROSSING OF HIGHWAY 164 IS CLOSED. CONTINUE TO THE INTERSECTION OF HIGHWAY VV TO CROSS HIGHWAY 164.

SIDEWALK CLOSED AHEAD R9-9A 30"X18"
DETOUR AHEAD M4-9BA 30"X24"
M4-60L 30"X24"
M4-60R 30"X24"
PROPOSED CURB RAMP
REMOVE CURB RAMPS
SIDEWALK CLOSED R9-9 24"X12"
REFER TO PEDESTRIAN DETOUR - S CORPORATE FOR DETOUR ROUTE
164
319+00 320+00 321+00 322+00 323+00 324+00 325+00
1
S CORPORATE CIR
POST
INL
RIPRAP

TEMPORARY AUDIBLE MESSAGE DEVICE:
ATTENTION PEDESTRIANS. YOU ARE AT THE INTERSECTION OF HIGHWAY 164 AND SOUTH CORPORATE CIRCLE. THIS CROSSING OF HIGHWAY 164 IS CLOSED. CONTINUE TO THE INTERSECTION OF HIGHWAY VV TO CROSS HIGHWAY 164.

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	PEDESTRIAN ACCOMODATIONS - S CORPORATE CR	SHEET 527	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S7.DWG
LAYOUT NAME - PED ACCOM - S CORPORATE

PLOT DATE : 4/28/2026 6:50 PM PLOT BY : DILLINGHAM, MATTHEW PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- WORK ZONE
- SIGN ON PERMANENT SUPPORT / TEMPORARY SUPPORT
- TEMPORARY PEDESTRIAN SURFACE ASPHALT
- TEMPORARY PEDESTRIAN SURFACE PLATE
- TEMPORARY CURB RAMP
- TEMPORARY DETECTABLE WARNING FIELD
- TEMPORARY PEDESTRIAN BARRICADE
- TEMPORARY AUDIBLE MESSAGE DEVICE (EXACT PLACEMENT BASED UPON FIELD CONDITIONS)
- DETOUR ROUTE
- DIRECTION OF TRAFFIC

N

ATTACH TO EXISTING POLE

DETOUR M4-9BL 30"X24"

DETOUR M4-9BR 30"X24"

ATTACH TO EXISTING POLE

DETOUR M4-9BR 30"X24"

DETOUR M4-9BL 30"X24"

DETOUR M4-9BL 30"X24"

DETOUR M4-9BR 30"X24"

SIDEWALK CLOSED AHEAD R9-9A 30"X18"

DETOUR AHEAD M4-9BA 30"X24"

SIDEWALK CLOSED AHEAD R9-9A 30"X18"

DETOUR AHEAD M4-9BA 30"X24"

DETOUR M4-9BR 30"X24"

S CORPORATE CIR

164

VV

310+00 311+00 312+00 313+00 314+00 315+00 316+00 317+00 318+00 319+00 320+00 321+00 322+00 323+00 324+00 325+00

46+00 47+00 48+00 49+00 50+00 51+00 52+00 53+00 54+00

2

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	PEDESTRIAN DETOUR - STAGE 3 - S CORPORATE CR	SHEET 528	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S7.DWG
LAYOUT NAME - PED DETOUR - S CORPORATE

PLOT DATE : 4/28/2026 6:52 PM PLOT BY : DILLINGHAM, MATTHEW PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

LEGEND

- WORK ZONE
- SIGN ON PERMANENT SUPPORT / TEMPORARY SUPPORT
- TEMPORARY PEDESTRIAN SURFACE ASPHALT
- TEMPORARY PEDESTRIAN SURFACE PLATE
- TEMPORARY CURB RAMP
- TEMPORARY DETECTABLE WARNING FIELD
- TEMPORARY PEDESTRIAN BARRICADE
- TEMPORARY AUDIBLE MESSAGE DEVICE (EXACT PLACEMENT BASED UPON FIELD CONDITIONS)
- DETOUR ROUTE
- DIRECTION OF TRAFFIC

TEMPORARY MARKING LEGEND

(1) TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)

N

NOTES:

1. MEDIAN CURB RAMP SURFACE WILL BE ADJUSTED (LOWERED OR RAISED) TO MATCH WORK ZONE SURFACE UNTIL STAGE 4.
2. PROVIDE PEDESTRIAN SIGNAGE AND TEMPORARY DEVICES IN ACCORDANCE WITH SDD, "TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION" UNTIL ACCOMMODATIONS CAN BE PROVIDED VIA PERMANENT SIDEWALK PLACEMENT.
3. TEMPORARY PEDESTRIAN ACCOMMODATIONS SHALL BE IN PLACE PRIOR TO NEW CURB RAMP AND SIGNAL WORK BEGINNING.
4. REFER TO TRAFFIC CONTROL STAGING PLAN STAGE 3 FOR OTHER TRAFFIC CONTROL DETAILS

TEMPORARY AUDIBLE MESSAGE DEVICE:
ATTENTION PEDESTRIANS. YOU ARE AT THE INTERSECTION OF HIGHWAY 164 AND RICHMOND ROAD. CURB RAMPS ARE UNDER CONSTRUCTION. FOLLOW TEMPORARY WALKWAY.

PROPOSED CURB RAMP

PROPOSED CURB RAMP

M4-60R 30"X24"

M4-60L 30"X24"

SIDEWALK CLOSED

R9-9 24"X12"

1

M4-60L 30"X24"

M4-60R 30"X24"

M4-60R 30"X24"

M4-60L 30"X24"

RIPRAP

POST

INL

STH 164/PEWAUKEE RD

164

341+00 342+00 343+00 344+00 345+00 346+00

SIDEWALK CLOSED

R9-9 24"X12"

1

PROPOSED CURB RAMP

CORPORATE CIR N

M4-60R 30"X24"

M4-60L 30"X24"

M4-60R 30"X24"

M4-60L 30"X24"

TEMPORARY AUDIBLE MESSAGE DEVICE:
ATTENTION PEDESTRIANS. YOU ARE AT THE INTERSECTION OF HIGHWAY 164 AND NORTH CORPORATE CIRCLE. THIS CROSSING OF NORTH CORPORATE CIRCLE IS UNDER CONSTRUCTION. FOLLOW TEMPORARY PATH.

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	PEDESTRIAN ACCOMODATION - N CORPORATE CR	SHEET 529	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S7.DWG
LAYOUT NAME - PED ACCOM - N CORPORATE

PLOT DATE : 4/28/2026 6:52 PM PLOT BY : DILLINGHAM, MATTHEW PLOT NAME : PLOT SCALE : 1 IN:40 FT

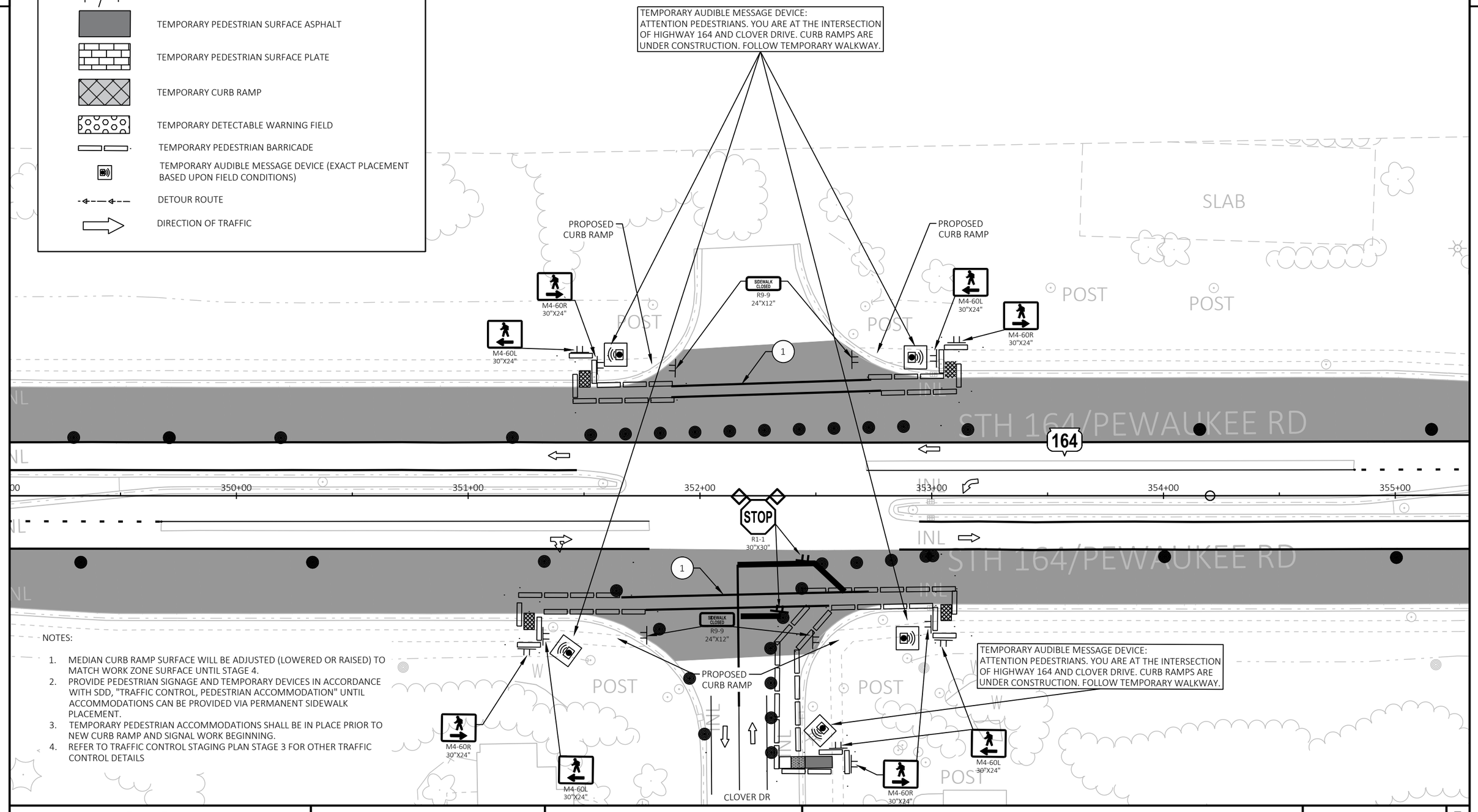
LEGEND

- WORK ZONE
- SIGN ON PERMANENT SUPPORT / TEMPORARY SUPPORT
- TEMPORARY PEDESTRIAN SURFACE ASPHALT
- TEMPORARY PEDESTRIAN SURFACE PLATE
- TEMPORARY CURB RAMP
- TEMPORARY DETECTABLE WARNING FIELD
- TEMPORARY PEDESTRIAN BARRICADE
- TEMPORARY AUDIBLE MESSAGE DEVICE (EXACT PLACEMENT BASED UPON FIELD CONDITIONS)
- DETOUR ROUTE
- DIRECTION OF TRAFFIC

TEMPORARY MARKING LEGEND

(1) TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)

N



NOTES:

1. MEDIAN CURB RAMP SURFACE WILL BE ADJUSTED (LOWERED OR RAISED) TO MATCH WORK ZONE SURFACE UNTIL STAGE 4.
2. PROVIDE PEDESTRIAN SIGNAGE AND TEMPORARY DEVICES IN ACCORDANCE WITH SDD, "TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION" UNTIL ACCOMMODATIONS CAN BE PROVIDED VIA PERMANENT SIDEWALK PLACEMENT.
3. TEMPORARY PEDESTRIAN ACCOMMODATIONS SHALL BE IN PLACE PRIOR TO NEW CURB RAMP AND SIGNAL WORK BEGINNING.
4. REFER TO TRAFFIC CONTROL STAGING PLAN STAGE 3 FOR OTHER TRAFFIC CONTROL DETAILS

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	PEDESTRIAN ACCOMODATIONS - CLOVER DR	SHEET 530	E

LEGEND

- WORK ZONE
- SIGN ON PERMANENT SUPPORT / TEMPORARY SUPPORT
- TEMPORARY PEDESTRIAN SURFACE ASPHALT
- TEMPORARY PEDESTRIAN SURFACE PLATE
- TEMPORARY CURB RAMP
- TEMPORARY DETECTABLE WARNING FIELD
- TEMPORARY PEDESTRIAN BARRICADE
- TEMPORARY AUDIBLE MESSAGE DEVICE (EXACT PLACEMENT BASED UPON FIELD CONDITIONS)
- DETOUR ROUTE
- DIRECTION OF TRAFFIC

TEMPORARY AUDIBLE MESSAGE DEVICE:
ATTENTION PEDESTRIANS. YOU ARE AT THE INTERSECTION OF HIGHWAY 164 AND PROSPECT CIRCLE. CURB RAMPS ARE UNDER CONSTRUCTION. FOLLOW TEMPORARY WALKWAY.

N

PROSPECT CIR
PROSPECT CIRCLE

M4-60R 30"X24"
M4-60L 30"X24"
PROPOSED CURB RAMP
SIDEWALK CLOSED
R9-9 24"X12"

FLAG
POST
STH 164/PEWAUKEE RD
164
392+00
393+00
394+00
395+00
396+00
397+00
INL
BUSINESS FRONTAGE ROAD

NOTES:

1. MEDIAN CURB RAMP SURFACE WILL BE ADJUSTED (LOWERED OR RAISED) TO MATCH WORK ZONE SURFACE UNTIL STAGE 4.
2. PROVIDE PEDESTRIAN SIGNAGE AND TEMPORARY DEVICES IN ACCORDANCE WITH SDD, "TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION" UNTIL ACCOMMODATIONS CAN BE PROVIDED VIA PERMANENT SIDEWALK PLACEMENT.
3. TEMPORARY PEDESTRIAN ACCOMMODATIONS SHALL BE IN PLACE PRIOR TO NEW CURB RAMP AND SIGNAL WORK BEGINNING.
4. REFER TO TRAFFIC CONTROL STAGING PLAN STAGE 3 FOR OTHER TRAFFIC CONTROL DETAILS

TEMPORARY MARKING LEGEND

(1) TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	PEDESTRIAN ACCOMODATION - PROSPECT CR	SHEET 531	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S7.DWG
LAYOUT NAME - PED ACCOM - PROSPECT CR

PLOT DATE : 4/28/2026 6:53 PM PLOT BY : DILLINGHAM, MATTHEW PLOT NAME : PLOT SCALE : 1 IN:40 FT

LEGEND

- WORK ZONE
- SIGN ON PERMANENT SUPPORT / TEMPORARY SUPPORT
- TEMPORARY PEDESTRIAN SURFACE ASPHALT
- TEMPORARY PEDESTRIAN SURFACE PLATE
- TEMPORARY CURB RAMP
- TEMPORARY DETECTABLE WARNING FIELD
- TEMPORARY PEDESTRIAN BARRICADE
- TEMPORARY AUDIBLE MESSAGE DEVICE (EXACT PLACEMENT BASED UPON FIELD CONDITIONS)
- DETOUR ROUTE
- DIRECTION OF TRAFFIC

TEMPORARY MARKING LEGEND

1 TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)

TEMPORARY AUDIBLE MESSAGE DEVICE:
ATTENTION PEDESTRIANS. YOU ARE AT THE INTERSECTION OF HIGHWAY 164 AND HIGHWAY VV. THE NEARBY CROSSING OF HIGHWAY VV IS CLOSED. FOLLOW DETOUR ROUTE TO EAST SIDE CROSSING.

TEMPORARY AUDIBLE MESSAGE DEVICE:
ATTENTION PEDESTRIANS. YOU ARE AT THE INTERSECTION OF HIGHWAY 164 AND HIGHWAY VV. THIS CROSSING OF HIGHWAY VV IS CLOSED. FOLLOW TEMPORARY WALKWAY.

TEMPORARY AUDIBLE MESSAGE DEVICE:
ATTENTION PEDESTRIANS. YOU ARE AT THE INTERSECTION OF HIGHWAY 164 AND HIGHWAY VV. THE HIGHWAY VV CROSSING ON THE OTHER SIDE OF HIGHWAY 164 IS CLOSED.

PROPOSED CURB RAMP

SIDEWALK CLOSED AHEAD R9-9A 30"X18"
DETOUR AHEAD M4-9BA 30"X24"
SIDEWALK CLOSED R9-9 24"X12"
DETOUR M4-9BL 30"X24"
DETOUR M4-9BR 30"X24"
DETOUR M4-9BA 30"X24"

164 STH 164 VV

401+00 402+00 403+00 404+00 405+00 406+00

NOTES:

1. MEDIAN CURB RAMP SURFACE WILL BE ADJUSTED (LOWERED OR RAISED) TO MATCH WORK ZONE SURFACE UNTIL STAGE 4.
2. PROVIDE PEDESTRIAN SIGNAGE AND TEMPORARY DEVICES IN ACCORDANCE WITH SDD, "TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION" UNTIL ACCOMMODATIONS CAN BE PROVIDED VIA PERMANENT SIDEWALK PLACEMENT.
3. TEMPORARY PEDESTRIAN ACCOMMODATIONS SHALL BE IN PLACE PRIOR TO NEW CURB RAMP AND SIGNAL WORK BEGINNING.
4. REFER TO TRAFFIC CONTROL STAGING PLAN STAGE 3 FOR OTHER TRAFFIC CONTROL DETAILS

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	PEDESTRIAN ACCOMODATIONS - CTH VV	SHEET 532	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S7.DWG
LAYOUT NAME - PED ACCOM-CTH VV-3A

PLOT DATE : 4/28/2026 6:54 PM PLOT BY : DILLINGHAM, MATTHEW PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

LEGEND

- WORK ZONE
- SIGN ON PERMANENT SUPPORT / TEMPORARY SUPPORT
- TEMPORARY PEDESTRIAN SURFACE ASPHALT
- TEMPORARY PEDESTRIAN SURFACE PLATE
- TEMPORARY CURB RAMP
- TEMPORARY DETECTABLE WARNING FIELD
- TEMPORARY PEDESTRIAN BARRICADE
- TEMPORARY AUDIBLE MESSAGE DEVICE (EXACT PLACEMENT BASED UPON FIELD CONDITIONS)
- DETOUR ROUTE
- DIRECTION OF TRAFFIC

TEMPORARY MARKING LEGEND

1 TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)

TEMPORARY AUDIBLE MESSAGE DEVICE:
ATTENTION PEDESTRIANS. YOU ARE AT THE INTERSECTION OF HIGHWAY 164 AND HIGHWAY VV. THE OTHER CROSSING OF HIGHWAY 164 IS TEMPORARILY CLOSED. FOLLOW DETOUR TO CROSS HIGHWAY 164 HERE.

TEMPORARY AUDIBLE MESSAGE DEVICE:
ATTENTION PEDESTRIANS. YOU ARE AT THE INTERSECTION OF HIGHWAY 164 AND HIGHWAY VV. THE SOUTHERN CROSSING OF HIGHWAY 164 IS CLOSED. CROSS HIGHWAY VV HERE AND FOLLOW DETOUR TO CROSS HIGHWAY 164.

TEMPORARY AUDIBLE MESSAGE DEVICE:
ATTENTION PEDESTRIANS. YOU ARE AT THE INTERSECTION OF HIGHWAY 164 AND HIGHWAY VV. THIS CROSSING OF HIGHWAY 164 IS TEMPORARILY CLOSED. FOLLOW DETOUR TO CROSS HIGHWAY 164.

PROPOSED CURB RAMP

PROPOSED CURB RAMP

DETOUR M4-9BL 30"X24"
DETOUR M4-9BR 30"X24"
SIDEWALK CLOSED R9-9 24"X12"
SIDEWALK CLOSED AHEAD R9-9A 30"X18"
DETOUR AHEAD M4-9BA 30"X24"

NOTES:

1. MEDIAN CURB RAMP SURFACE WILL BE ADJUSTED (LOWERED OR RAISED) TO MATCH WORK ZONE SURFACE UNTIL STAGE 4.
2. PROVIDE PEDESTRIAN SIGNAGE AND TEMPORARY DEVICES IN ACCORDANCE WITH SDD, "TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION" UNTIL ACCOMMODATIONS CAN BE PROVIDED VIA PERMANENT SIDEWALK PLACEMENT.
3. TEMPORARY PEDESTRIAN ACCOMMODATIONS SHALL BE IN PLACE PRIOR TO NEW CURB RAMP AND SIGNAL WORK BEGINNING.
4. REFER TO TRAFFIC CONTROL STAGING PLAN STAGE 3 FOR OTHER TRAFFIC CONTROL DETAILS

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	PEDESTRIAN ACCOMODATIONS - CTH VV	SHEET 533 E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S7.DWG
LAYOUT NAME - PED ACCOM-CTH VV-3B

PLOT DATE : 4/28/2026 6:54 PM PLOT BY : DILLINGHAM, MATTHEW PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

LEGEND

- WORK ZONE
- SIGN ON PERMANENT SUPPORT / TEMPORARY SUPPORT
- TEMPORARY PEDESTRIAN SURFACE ASPHALT
- TEMPORARY PEDESTRIAN SURFACE PLATE
- TEMPORARY CURB RAMP
- TEMPORARY DETECTABLE WARNING FIELD
- TEMPORARY PEDESTRIAN BARRICADE
- TEMPORARY AUDIBLE MESSAGE DEVICE (EXACT PLACEMENT BASED UPON FIELD CONDITIONS)
- DETOUR ROUTE
- DIRECTION OF TRAFFIC

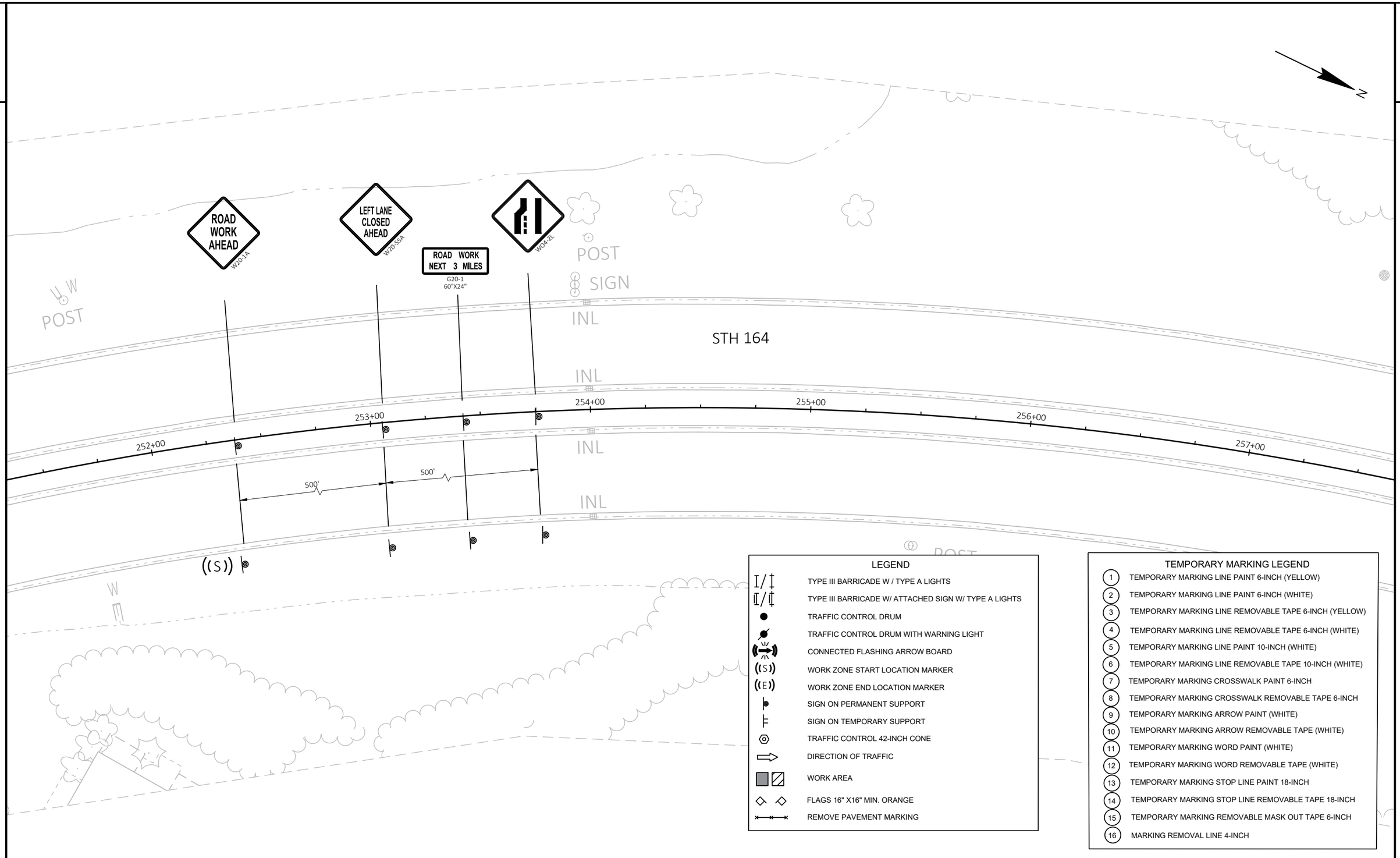
SIDEWALK CLOSED AHEAD R9-9A 30"X18"
DETOUR AHEAD M4-9BA 30"X24"
DETOUR M4-9BR 30"X24"
DETOUR M4-9BL 30"X24"
VV
164
STH 164
TRANSFORMER
POST
INL
108+00
109+00
110+00
PI 110+00.00
401+00
402+00
403+00
404+00
405+00
406+00
N

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	PEDESTRIAN DETOUR - STAGE 3 - CTH VV	SHEET 534 E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S7.DWG
LAYOUT NAME - Old_DETOUR - CTH VV
PLOT DATE : 4/28/2026 6:55 PM
PLOT BY : DILLINGHAM, MATTHEW
PLOT NAME :
PLOT SCALE : 1 IN:40 FT

2

2



PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA & WASHINGTON	TRAFFIC CONTROL - PHASE 2 - STAGE 4	SHEET 535	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S8.DWG
LAYOUT NAME - 23

PLOT DATE : 4/28/2026 4:06 PM PLOT BY : DILLINGHAM, MATTHEW PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

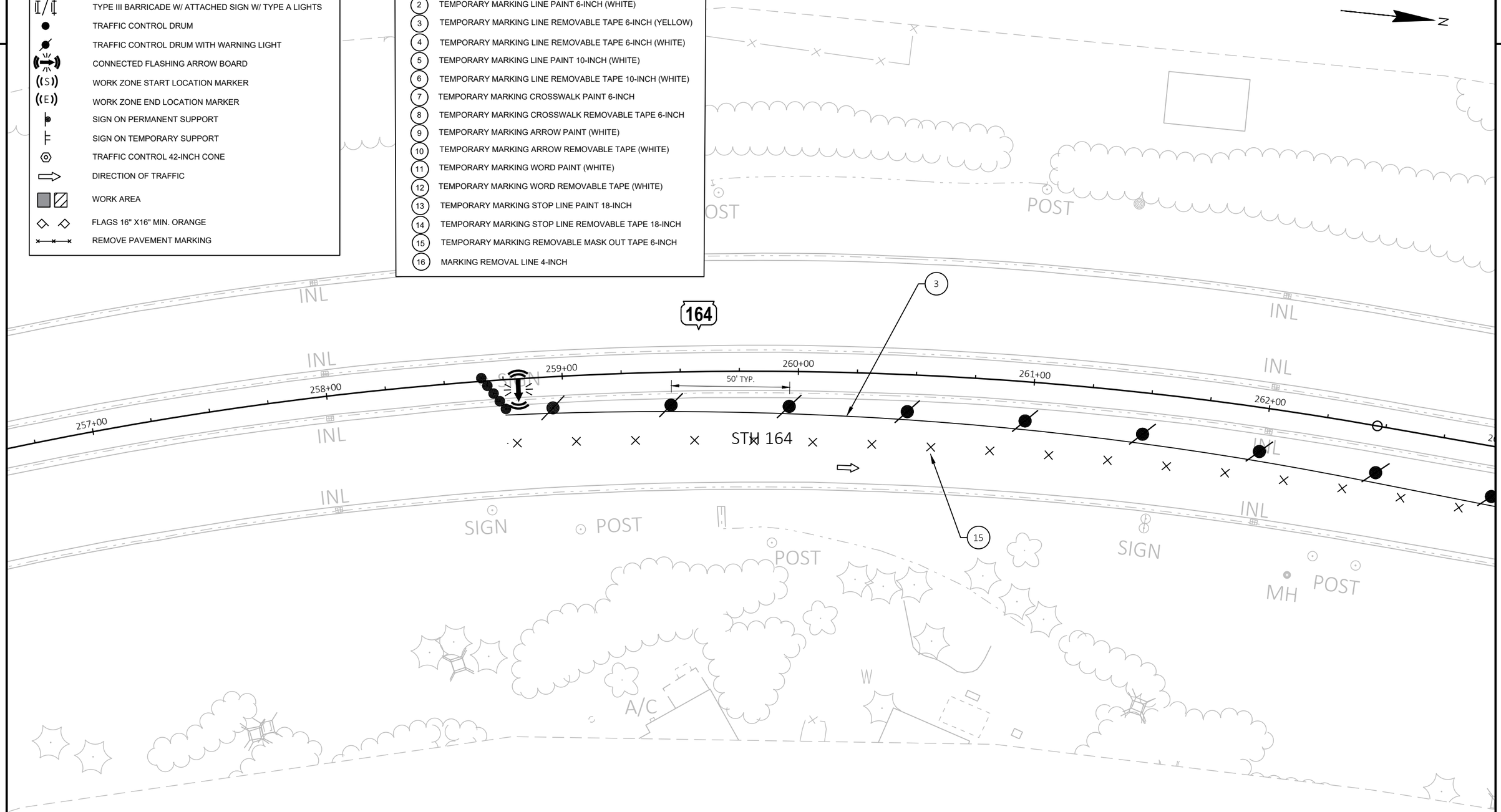
2

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH



PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA & WASHINGTON	TRAFFIC CONTROL - PHASE 2 - STAGE 4	SHEET 536	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S8.DWG
LAYOUT NAME - 24

PLOT DATE : 4/28/2026 4:06 PM PLOT BY : DILLINGHAM, MATTHEW PLOT NAME : PLOT SCALE : 1 IN:40 FT

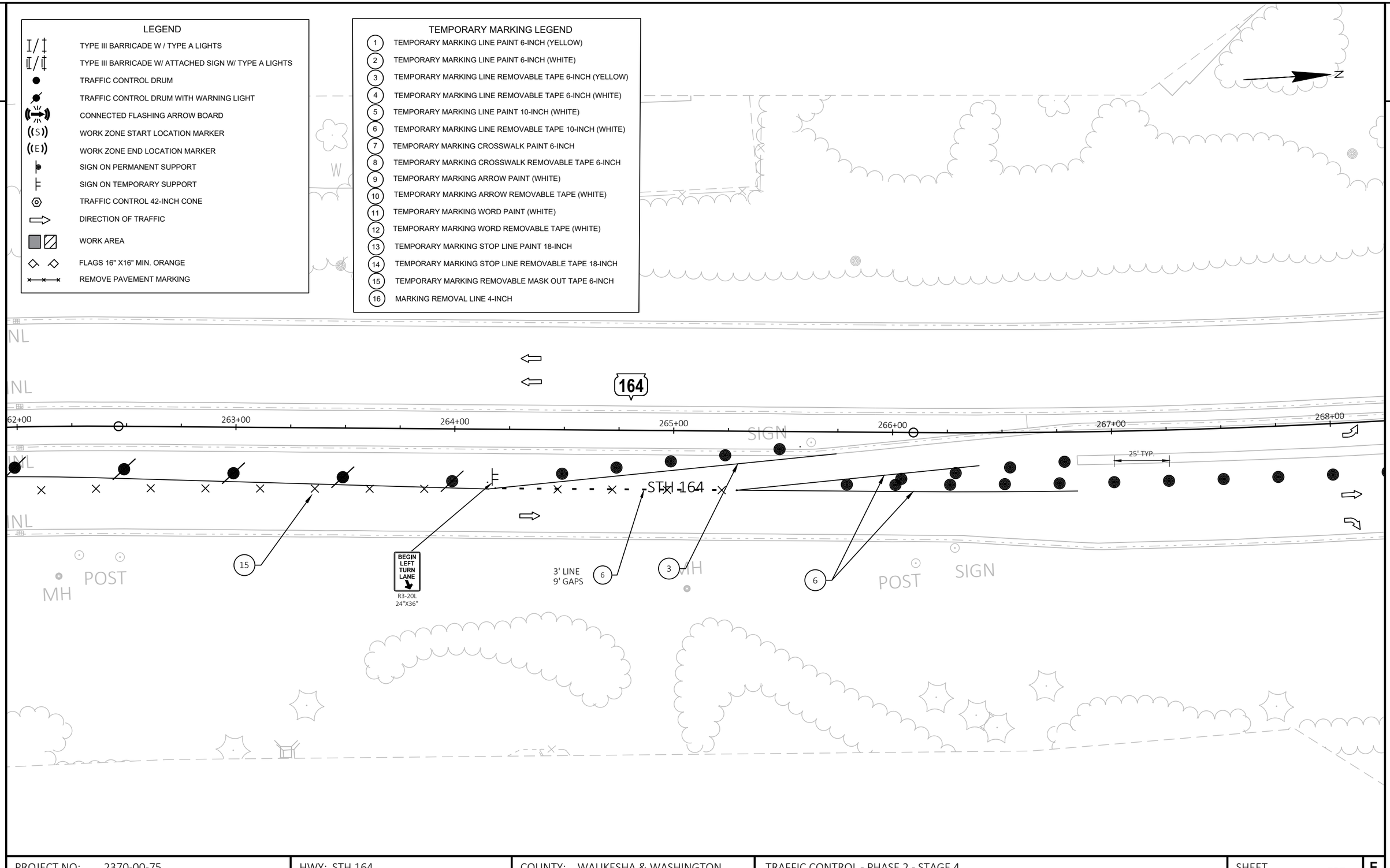
2

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH



PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA & WASHINGTON	TRAFFIC CONTROL - PHASE 2 - STAGE 4	SHEET 537	E

2

N

ROAD WORK AHEAD
W20-2A

END ROAD WORK
G20-2A
48"X24"

350' TYP.

POST
SIGN
INL
MH
RIPRAP

STH 164

164

268+00
269+00
270+00
271+00
272+00
273+00

25' TYP.
15' TYP.
100' TYP.

WO1-6
48" X 24"
TYPE III BARRICADE

END ROAD WORK
G20-2A
48"X24"

ROAD WORK AHEAD
W20-2A

LINDSAY RD
LINDSAY ROAD

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA & WASHINGTON	TRAFFIC CONTROL - PHASE 2 - STAGE 4	SHEET 538	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S8.DWG
LAYOUT NAME - 26
PLOT DATE : 4/28/2026 4:07 PM
PLOT BY : DILLINGHAM, MATTHEW
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

N

END ROAD WORK
G20-2A
48"X24"

164

273+00 274+00 275+00 276+00 277+00 278+00

50' TYP.

STH 164

WO1-6
48" X 24"

TYPE III BARRICADE

RIPRAP SIGN POST INL MH

15 3 4

2

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA & WASHINGTON	TRAFFIC CONTROL - PHASE 2 - STAGE 4	SHEET 539	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S8.DWG
LAYOUT NAME - 27

PLOT DATE : 4/28/2026 4:08 PM PLOT BY : DILLINGHAM, MATTHEW PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

2

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

N

SIGN
POST
INL
164
278+00
279+00
280+00
281+00
282+00
283+00
284+00
15
3
4
100' TYP.
STH 164
WO1-6
48" X 24"
TYPE III BARRICADE
R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA & WASHINGTON	TRAFFIC CONTROL - PHASE 2 - STAGE 4	SHEET 540	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S8.DWG
LAYOUT NAME - 28
PLOT DATE : 4/28/2026 4:09 PM
PLOT BY : DILLINGHAM, MATTHEW
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

N

WO1-6
48" X 24"
TYPE III BARRICADE

100' TYP.
25' TYP.
15' TYP.

164

284+00 285+00 286+00 287+00 288+00 289+00

STH 164

INL MH SIGN POST RAP RIPRAP

3' LINE
9' GAPS

BEGIN LEFT TURN LANE
R3-20L
24"X36"

ONLY

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA & WASHINGTON	TRAFFIC CONTROL - PHASE 2 - STAGE 4	SHEET 541	E

2

N

ROAD WORK AHEAD
W20-1A

WO1-6
48" X 24"

TYPE III BARRICADE

350' TYP.

SEVEN STONE ROAD

END ROAD WORK
G20-2A
48"X24"

RIPRAP

POST

SIGN

MH

INL

W

289+00

290+00

291+00

292+00

293+00

294+00

15' TYP.

100' TYP.

STH 164

164

3

4

10

12

6

WO1-6
48" X 24"

TYPE III BARRICADE

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- (S) WORK ZONE START LOCATION MARKER
- (E) WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA & WASHINGTON	TRAFFIC CONTROL - PHASE 2 - STAGE 4	SHEET 542	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S8.DWG
LAYOUT NAME - 30
PLOT DATE : 4/28/2026 4:09 PM
PLOT BY : DILLINGHAM, MATTHEW
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

N

2

SIGN
INL
MH
INL
294+00
295+00
296+00
297+00
POST
298+00
299+00
300+0
SIGN
INL
100' TYP.
164
STH 164
INL
SIGN
SIGN
3
4
3
4

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA & WASHINGTON	TRAFFIC CONTROL - PHASE 2 - STAGE 4	SHEET 543	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S8.DWG
LAYOUT NAME - 31
PLOT DATE : 4/28/2026 4:10 PM
PLOT BY : DILLINGHAM, MATTHEW
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

2

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

N

W

SIGN

RIPRAP

3

4

INL

VIH

INL

300+00 301+00 302+00 303+00 304+00 305+00

SIGN

SIGN

INL

100' TYP.

164 STH 164

INL

SIGN

SIGN

POST

3

4

W

INL

SIGN

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA & WASHINGTON	TRAFFIC CONTROL - PHASE 2 - STAGE 4	SHEET 544	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S8.DWG
LAYOUT NAME - 32
PLOT DATE : 4/28/2026 4:10 PM
PLOT BY : DILLINGHAM, MATTHEW
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

N

164

305+00 306+00 307+00 308+00 309+00 310+00

100' TYP.

25' TYP.

STH 164

3' LINE
9' GAPS

BEGIN LEFT TURN LANE
R3-20L
24"X36"

BEGIN RIGHT TURN LANE
R3-20R
24"X36"

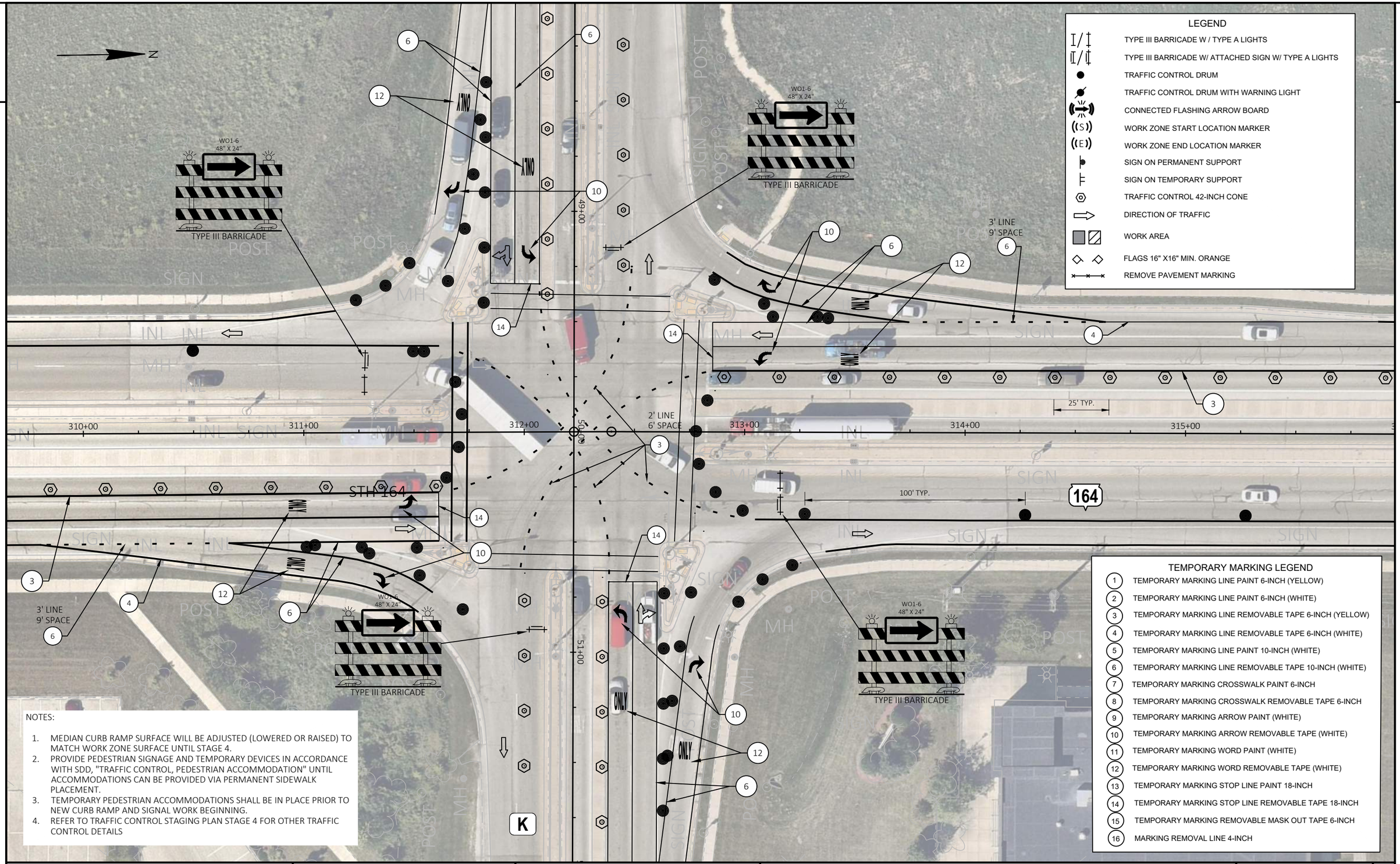
2

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA & WASHINGTON	TRAFFIC CONTROL - PHASE 2 - STAGE 4	SHEET 545	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S8.DWG
LAYOUT NAME - 33

PLOT DATE : 4/28/2026 4:11 PM PLOT BY : DILLINGHAM, MATTHEW PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42



NOTES:

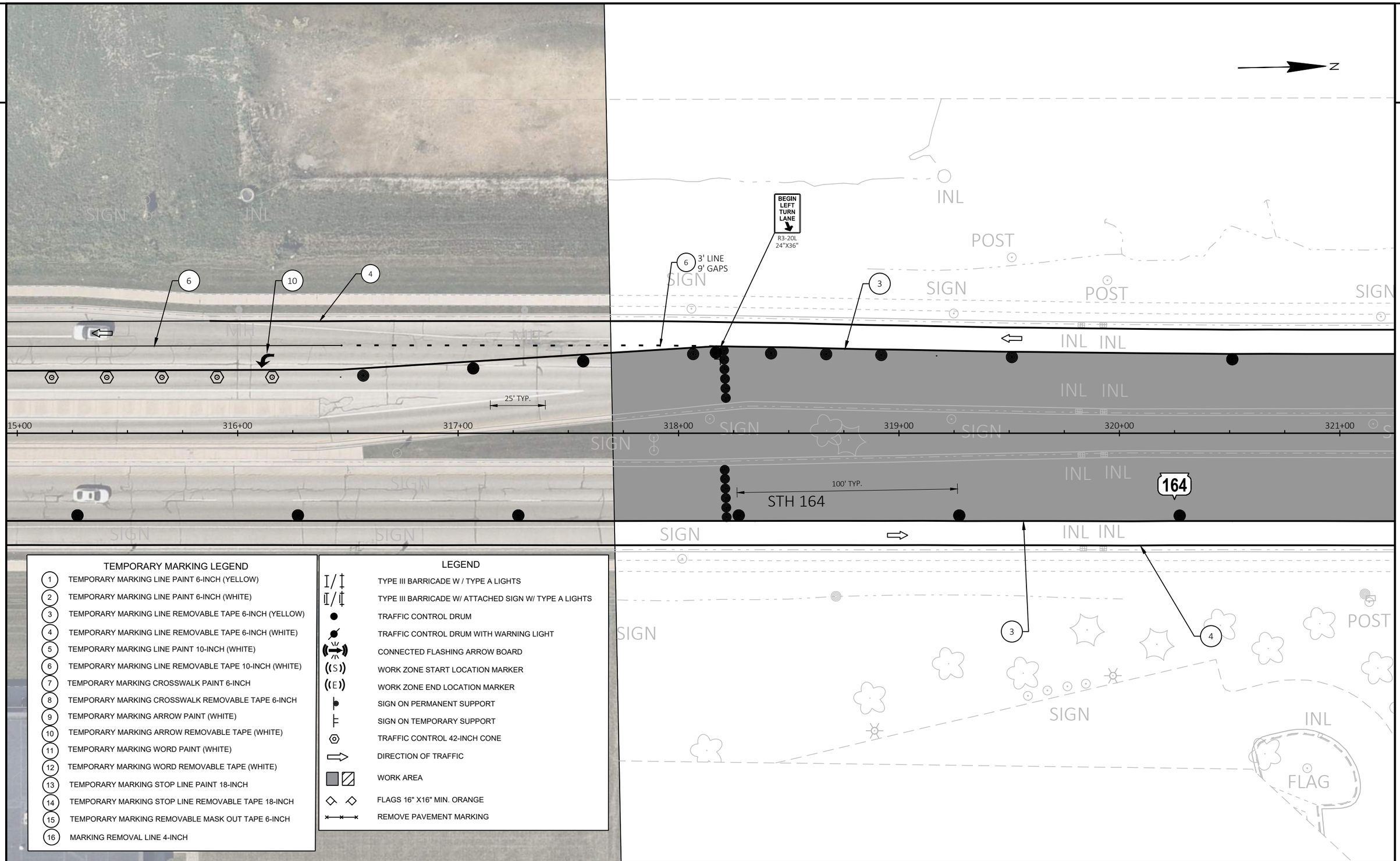
1. MEDIAN CURB RAMP SURFACE WILL BE ADJUSTED (LOWERED OR RAISED) TO MATCH WORK ZONE SURFACE UNTIL STAGE 4.
2. PROVIDE PEDESTRIAN SIGNAGE AND TEMPORARY DEVICES IN ACCORDANCE WITH SDD, "TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION" UNTIL ACCOMMODATIONS CAN BE PROVIDED VIA PERMANENT SIDEWALK PLACEMENT.
3. TEMPORARY PEDESTRIAN ACCOMMODATIONS SHALL BE IN PLACE PRIOR TO NEW CURB RAMP AND SIGNAL WORK BEGINNING.
4. REFER TO TRAFFIC CONTROL STAGING PLAN STAGE 4 FOR OTHER TRAFFIC CONTROL DETAILS

TEMPORARY MARKING LEGEND

1	TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2	TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3	TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4	TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5	TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6	TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7	TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8	TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9	TEMPORARY MARKING ARROW PAINT (WHITE)
10	TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11	TEMPORARY MARKING WORD PAINT (WHITE)
12	TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13	TEMPORARY MARKING STOP LINE PAINT 18-INCH
14	TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15	TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16	MARKING REMOVAL LINE 4-INCH

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA & WASHINGTON	TRAFFIC CONTROL - PHASE 2 - STAGE 4	SHEET 546	E

2



TEMPORARY MARKING LEGEND

1	TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2	TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3	TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4	TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5	TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6	TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7	TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8	TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9	TEMPORARY MARKING ARROW PAINT (WHITE)
10	TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11	TEMPORARY MARKING WORD PAINT (WHITE)
12	TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13	TEMPORARY MARKING STOP LINE PAINT 18-INCH
14	TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15	TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16	MARKING REMOVAL LINE 4-INCH

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA & WASHINGTON	TRAFFIC CONTROL - PHASE 2 - STAGE 4	SHEET 547	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S8.DWG
LAYOUT NAME - 35
PLOT DATE : 4/28/2026 4:12 PM
PLOT BY : DILLINGHAM, MATTHEW
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

NOTES:

1. MEDIAN CURB RAMP SURFACE WILL BE ADJUSTED (LOWERED OR RAISED) TO MATCH WORK ZONE SURFACE UNTIL STAGE 4.
2. PROVIDE PEDESTRIAN SIGNAGE AND TEMPORARY DEVICES IN ACCORDANCE WITH SDD, "TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION" UNTIL ACCOMMODATIONS CAN BE PROVIDED VIA PERMANENT SIDEWALK PLACEMENT.
3. TEMPORARY PEDESTRIAN ACCOMMODATIONS SHALL BE IN PLACE PRIOR TO NEW CURB RAMP AND SIGNAL WORK BEGINNING.
4. REFER TO TRAFFIC CONTROL STAGING PLAN STAGE 4 FOR OTHER TRAFFIC CONTROL DETAILS

N

WO1-6 48" X 24"
TYPE III BARRICADE
10
12
6
4
10
3
6
3' LINE 9' GAPS
BEGIN LEFT TURN LANE
R3-20L 24"X36"
25' TYP.
15' TYP.
100' TYP.
200' TYP.
321+00
322+00
323+00
324+00
325+00
326+00
MH
RIPRAP
POST
SIGN
INL
ONLY
STH 164
164
REFER TO PEDESTRIAN ACCOMMODATIONS AND PEDESTRIAN DETOUR
S CORPORATE CIR
S CORPORATE CIRCLE
END ROAD WORK
G20-2A 48"X24"
ROAD WORK AHEAD
W20-1A
FLAG

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA & WASHINGTON	TRAFFIC CONTROL - PHASE 2 - STAGE 4	SHEET 548	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S8.DWG
LAYOUT NAME - 36
PLOT DATE : 4/28/2026 4:13 PM
PLOT BY : DILLINGHAM, MATTHEW
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

BEGIN LEFT TURN LANE
R3-20L
24"X36"

ROAD WORK AHEAD
W20-1A

END ROAD WORK
G20-2A
48"X24"

WO1-6
48" X 24"
TYPE III BARRICADE

BUSINESS DR

STH 164

25' TYP.

15' TYP.

350' TYP.

3' LINE
9' GAPS

326+00 327+00 328+00 329+00 330+00 331+00

N

MH RIPRAP SIGN INL POST FLAG W

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA & WASHINGTON	TRAFFIC CONTROL - PHASE 2 - STAGE 4	SHEET 549	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S8.DWG
LAYOUT NAME - 37
PLOT DATE : 4/28/2026 4:13 PM
PLOT BY : DILLINGHAM, MATTHEW
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

2

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

N

POST
SIGN
INL
RIPRAP
RIPRAP
POST
INL
164
INL
331+00
332+00
333+00
334+00
335+00
336+00
337+00
INL
100' TYP.
STH 164
INL
INL
3
4
3
4
W
POST
PC

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA & WASHINGTON	TRAFFIC CONTROL - PHASE 2 - STAGE 4	SHEET 550	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S8.DWG
LAYOUT NAME - 38

PLOT DATE : 4/28/2026 4:13 PM PLOT BY : DILLINGHAM, MATTHEW PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

2

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

N

POST

POST

RIPRAP

3

4

INL

164

100' TYP.

INL

337+00

338+00

339+00

SIGN

340+00

SIGN

341+00

342+00

INL

25' TYP.

STH 164

INL

3

BEGIN LEFT TURN LANE

R3-20L 24"X36"

3' LINE 9' GAPS

6

10

6

12

POST

4

W

FLAG

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA & WASHINGTON	TRAFFIC CONTROL - PHASE 2 - STAGE 4	SHEET 551	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S8.DWG
LAYOUT NAME - 39
PLOT DATE : 4/28/2026 4:14 PM
PLOT BY : DILLINGHAM, MATTHEW
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

N

ROAD WORK AHEAD
W20-1A

RIPRAP

RICHMOND RD

SIGN

RICHMOND ROAD

SIGN

END ROAD WORK
G20-2A
48"X24"

RIPRAP

POST

W01-6
48" X 24"

POST

SIGN

350' TYP.

TYPE III BARRICADE

POST

MH

BEGIN LEFT TURN LANE
R3-20L
24"X36"

10 12 4 6 10 6 3' LINE 9' GAPS 3

SIGN

INL

SIGN

342+00 343+00 344+00 345+00 346+00 347+00

SIGN

SIGN

INL

INL

SIGN

100' TYP.

164

SIGN

6 12 4 3 10

POST

SIGN

4 3

W01-6
48" X 24"

RIPRAP

POST

350' TYP.

TYPE III BARRICADE

N CORPORATE ROAD

SIGN

N CORPORATE CIR

END ROAD WORK
G20-2A
48"X24"

ROAD WORK AHEAD
W20-1A

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- (S) WORK ZONE START LOCATION MARKER
- (E) WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA & WASHINGTON	TRAFFIC CONTROL - PHASE 2 - STAGE 4	SHEET 552	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S8.DWG
LAYOUT NAME - 40

PLOT DATE : 4/28/2026 4:14 PM PLOT BY : DILLINGHAM, MATTHEW PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

N

WO1-6
48" X 24"
TYPE III BARRICADE

BEGIN LEFT TURN LANE
R3-20L
24"X36"

100' TYP.

25' TYP.

STH 164

164

3' LINE
9' GAPS

END ROAD WORK
G20-2A
48"X24"

ROAD WORK AHEAD
W20-1A

15' TYP.

200' TYP.

CLOVER DRIVE

CLOVER DR

347+00 348+00 349+00 350+00 351+00 352+00 353+0

POST SIGN INL A/C MH W

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA & WASHINGTON	TRAFFIC CONTROL - PHASE 2 - STAGE 4	SHEET 553 E

2

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

N

SLAB

SLAB

POST

POST

POST

SIGN

SIGN

SIGN

SIGN

SIGN

SIGN

INL

INL

INL

INL

10

12

6

4

10

3

3' LINE
9' GAPS

6

BEGIN LEFT TURN LANE
R3-20L
24"X36"

353+00

354+00

355+00

356+00

357+00

358+00

15' TYP.

100' TYP.

STH 164

200' TYP.

WO1-6
48" X 24"

TYPE III BARRICADE

ROAD WORK AHEAD
W20-1A

MH

CLOVER DR

W

3

4

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA & WASHINGTON	TRAFFIC CONTROL - PHASE 2 - STAGE 4	SHEET 554	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S8.DWG
LAYOUT NAME - 42
PLOT DATE : 4/28/2026 4:15 PM
PLOT BY : DILLINGHAM, MATTHEW
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

2

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

N

3

4

164

INL

INL

INL

358+00

359+00

360+00

361+00

362+00

363+00

SIGN

100' TYP.

STH 164

3

4

POST

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA & WASHINGTON	TRAFFIC CONTROL - PHASE 2 - STAGE 4	SHEET 555	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S8.DWG
LAYOUT NAME - 43

PLOT DATE : 4/28/2026 4:15 PM PLOT BY : DILLINGHAM, MATTHEW PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

N

2

POST

3

4

INL

164

INL

INL

INL

363+00 364+00 365+00 366+00 367+00 368+00

100' TYP.

STH 164

INL

INL

INL

3

POST

4

POST

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA & WASHINGTON	TRAFFIC CONTROL - PHASE 2 - STAGE 4	SHEET 556	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S8.DWG
LAYOUT NAME - 44

PLOT DATE : 4/28/2026 4:15 PM PLOT BY : DILLINGHAM, MATTHEW PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

2

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

N

POST

3

4

INL INL

164

INL INL

68+00 369+00 370+00 371+00 372+00 373+00 374+00

INL INL

100' TYP.

STH 164

INL INL

3

4

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA & WASHINGTON	TRAFFIC CONTROL - PHASE 2 - STAGE 4	SHEET 557	E

2

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

N

2

164

374+00 375+00 376+00 377+00 378+00

100' TYP.

STH 164

POST SIGN INL

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA & WASHINGTON	TRAFFIC CONTROL - PHASE 2 - STAGE 4	SHEET 558	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S8.DWG
LAYOUT NAME - 46
PLOT DATE : 4/28/2026 4:16 PM
PLOT BY : DILLINGHAM, MATTHEW
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

2

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

N

SIGN

4

3

SIGN

INL

164

INL

379+00

380+00

948

SIGN

381+00

382+00

383+00

384+00

INL

100' TYP.

STH 164

SIGN

INL

3

4

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA & WASHINGTON	TRAFFIC CONTROL - PHASE 2 - STAGE 4	SHEET 559	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S8.DWG
LAYOUT NAME - 47

PLOT DATE : 4/28/2026 4:16 PM PLOT BY : DILLINGHAM, MATTHEW PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

N

RIPRAP MH INL BERM

POST SIGN

140+00

INL MH INL MH INL

164

INL MH

384+00 385+00 386+00 387+00 388+00 389+00 390+00

141+00

INL INL SIGN SIGN

100' TYP.

STH 164

INL INL SIGN

POST MH POST SIGN

944 943 942 941

142+00

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA & WASHINGTON	TRAFFIC CONTROL - PHASE 2 - STAGE 4	SHEET 560	E

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

ROAD WORK AHEAD
W20-1A

WO1-6
48" X 24"
TYPE III BARRICADE

150' TYP.

PROSPECT CIR

END ROAD WORK
G20-2A
48"X24"

FLAG

100' TYP.

164

390+00 391+00 392+00 393+00 394+00 395+00

25' TYP.

15' TYP.

STH 164

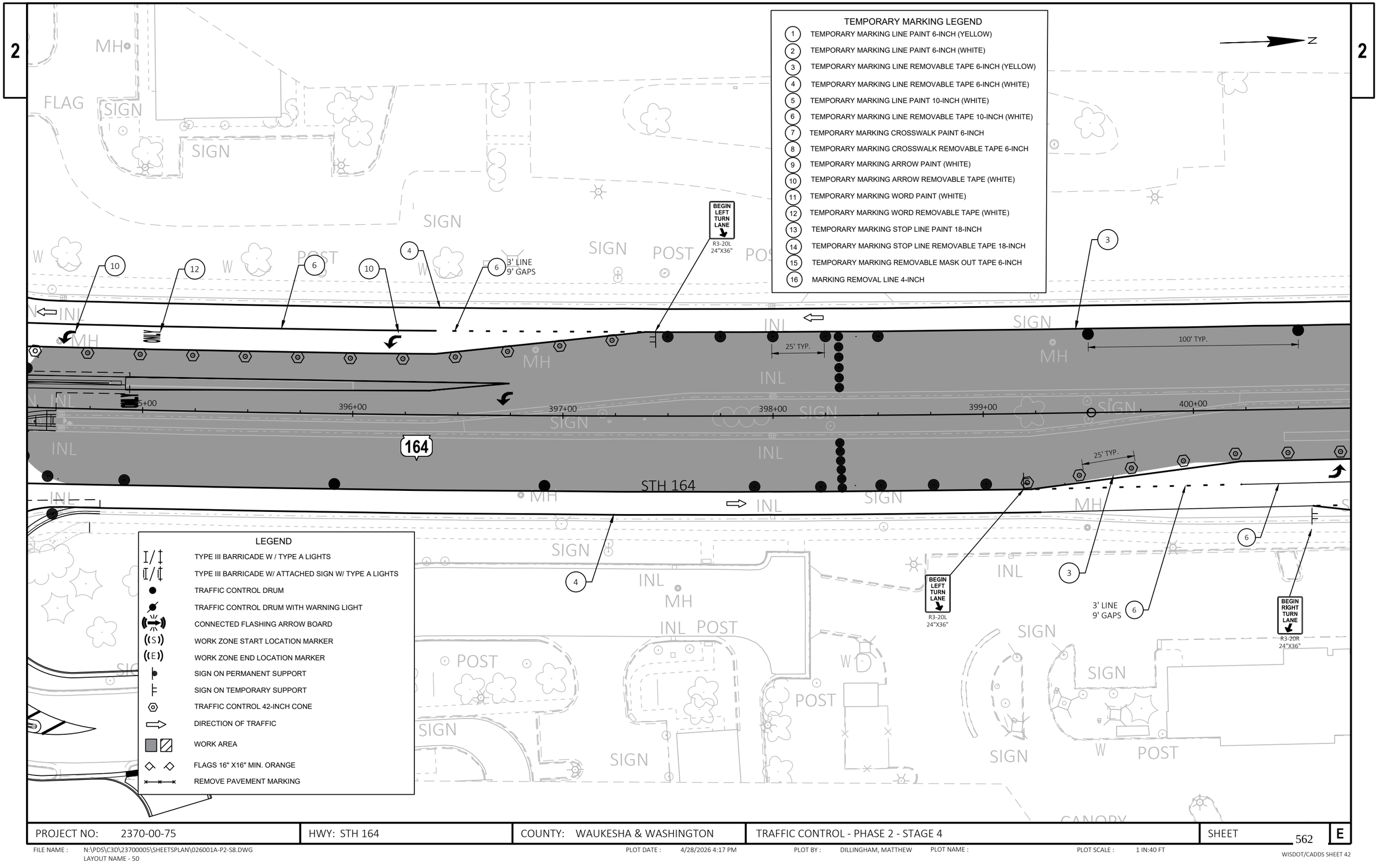
BEGIN LEFT TURN LANE
R3-20L
24"X36"

3' LINE
9' GAPS

RIPRAP MH INL SIGN POST W

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA & WASHINGTON	TRAFFIC CONTROL - PHASE 2 - STAGE 4	SHEET 561	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S8.DWG
LAYOUT NAME - 49
PLOT DATE : 4/28/2026 4:17 PM
PLOT BY : DILLINGHAM, MATTHEW
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42



PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA & WASHINGTON	TRAFFIC CONTROL - PHASE 2 - STAGE 4	SHEET 562	E

2

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

NOTES:

1. MEDIAN CURB RAMP SURFACE WILL BE ADJUSTED (LOWERED OR RAISED) TO MATCH WORK ZONE SURFACE UNTIL STAGE 4.
2. PROVIDE PEDESTRIAN SIGNAGE AND TEMPORARY DEVICES IN ACCORDANCE WITH SDD, "TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION" UNTIL ACCOMMODATIONS CAN BE PROVIDED VIA PERMANENT SIDEWALK PLACEMENT.
3. TEMPORARY PEDESTRIAN ACCOMMODATIONS SHALL BE IN PLACE PRIOR TO NEW CURB RAMP AND SIGNAL WORK BEGINNING.
4. REFER TO TRAFFIC CONTROL STAGING PLAN STAGE 4 FOR OTHER TRAFFIC CONTROL DETAILS

WO1-6
48" X 24"
TYPE III BARRICADE

100' TYP.
25' TYP.
15' TYP.
2' LINE
6' GAPS
3' LINE
9' GAPS
ONLY
REFER TO PEDESTRIAN ACCOMMODATIONS AND PEDESTRIAN DETOUR
SILVER SPRING DRIVE
STH 1
164
400+00
401+00
402+00
403+00
404+00
405+00
406+00
106+00
109+00
111+00
00+00

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA & WASHINGTON	TRAFFIC CONTROL - PHASE 2 - STAGE 4	SHEET 563	E

2

N

POST

FLAG

SIGN

WO1-6
48" X 24"

TYPE III BARRICADE

BEGIN RIGHT TURN LANE
R3-20R
24"X36"

BEGIN LEFT TURN LANE
R3-20L
24"X36"

3' LINE
9' GAPS

15' TYP.

406+00 407+00 408+00 409+00 410+00 411+00

100' TYP.

25' TYP.

164

STH 164

BEGIN LEFT TURN LANE
R3-20L
24"X36"

END ROAD WORK
G20-2A
48"X24"

PRIVATE ROAD

200' TYP.

ROAD WORK AHEAD
W20-1A

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA & WASHINGTON	TRAFFIC CONTROL - PHASE 2 - STAGE 4	SHEET 564	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S8.DWG
LAYOUT NAME - 52
PLOT DATE : 4/28/2026 4:19 PM
PLOT BY : DILLINGHAM, MATTHEW
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

N

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

WO1-6
48" X 24"
TYPE III BARRICADE

3' LINE
9' GAPS

50' TYP.

411+00 412+00 413+00 414+00 415+00 416+00

STH 164

164

BEGIN LEFT TURN LANE
R3-20L
24"X36"

200' TYP.

END ROAD WORK
G20-2A
48"X24"

ROAD WORK AHEAD
W20-3A

END ROAD WORK
G20-2A
48"X24"

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA & WASHINGTON	TRAFFIC CONTROL - PHASE 2 - STAGE 4	SHEET 565	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S8.DWG
LAYOUT NAME - 53
PLOT DATE : 4/28/2026 4:19 PM
PLOT BY : DILLINGHAM, MATTHEW
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

N

WO1-6
48" X 24"
TYPE III BARRICADE

50' TYP.

164

416+00 417+00 418+00 419+00 420+00 421+00

STH 164

200' TYP.

END ROAD WORK
G20-2A
48"X24"

STONEGATE CT

ROAD WORK AHEAD
W20-1A

2

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA & WASHINGTON	TRAFFIC CONTROL - PHASE 2 - STAGE 4	SHEET 566	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S8.DWG
LAYOUT NAME - 54

PLOT DATE : 4/28/2026 4:20 PM PLOT BY : DILLINGHAM, MATTHEW PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

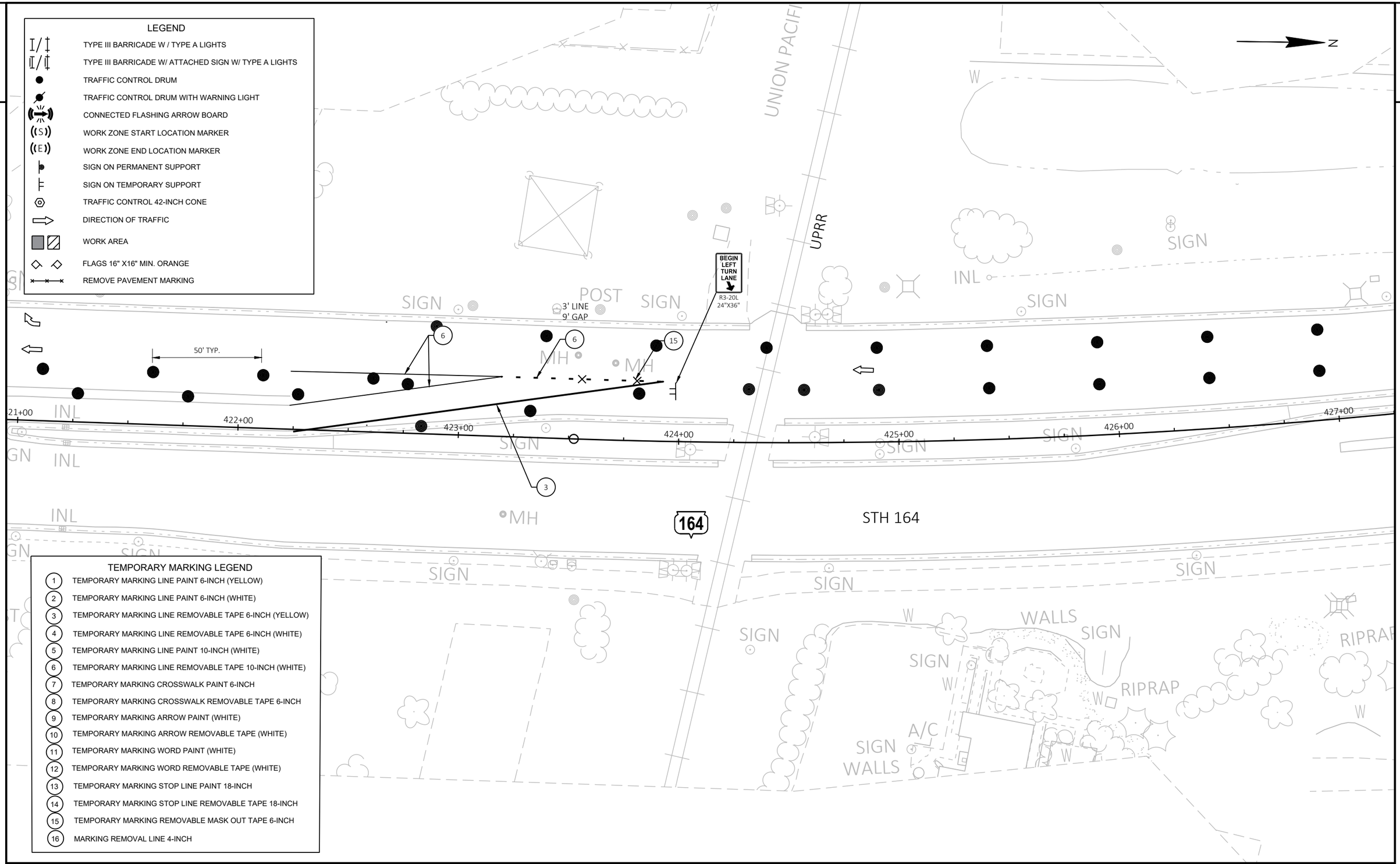
2

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH



PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA & WASHINGTON	TRAFFIC CONTROL - PHASE 2 - STAGE 4	SHEET 567	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S8.DWG
LAYOUT NAME - 55

PLOT DATE : 4/28/2026 4:20 PM PLOT BY : DILLINGHAM, MATTHEW PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

N

WATCH FOR VEHICLES
~~REQUIRED TO STOP AT~~
RAILROAD CROSSING
D1-2
27X60"

WO1-6
48" X 24"

TYPE III BARRICADE

ROAD
WORK
AHEAD
W20-1A

350' TYP.

INDIAN GRASS LANE

INDIAN GRASS LN

END
ROAD WORK
G20-2A
48"X24"

3' LINE, 9' GAP

427+00
428+00
429+00
430+00
431+00
432+00

STH 164

164

SIGN
INL
POST
RIPRAP
MH
W

SUSSEX CR

TEMPORARY MARKING LEGEND

1	TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2	TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3	TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4	TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5	TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6	TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7	TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8	TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9	TEMPORARY MARKING ARROW PAINT (WHITE)
10	TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11	TEMPORARY MARKING WORD PAINT (WHITE)
12	TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13	TEMPORARY MARKING STOP LINE PAINT 18-INCH
14	TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15	TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16	MARKING REMOVAL LINE 4-INCH

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA & WASHINGTON	TRAFFIC CONTROL - PHASE 2 - STAGE 4	SHEET 568	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S8.DWG
LAYOUT NAME - 56
PLOT DATE : 4/28/2026 4:20 PM
PLOT BY : DILLINGHAM, MATTHEW
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
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8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
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10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
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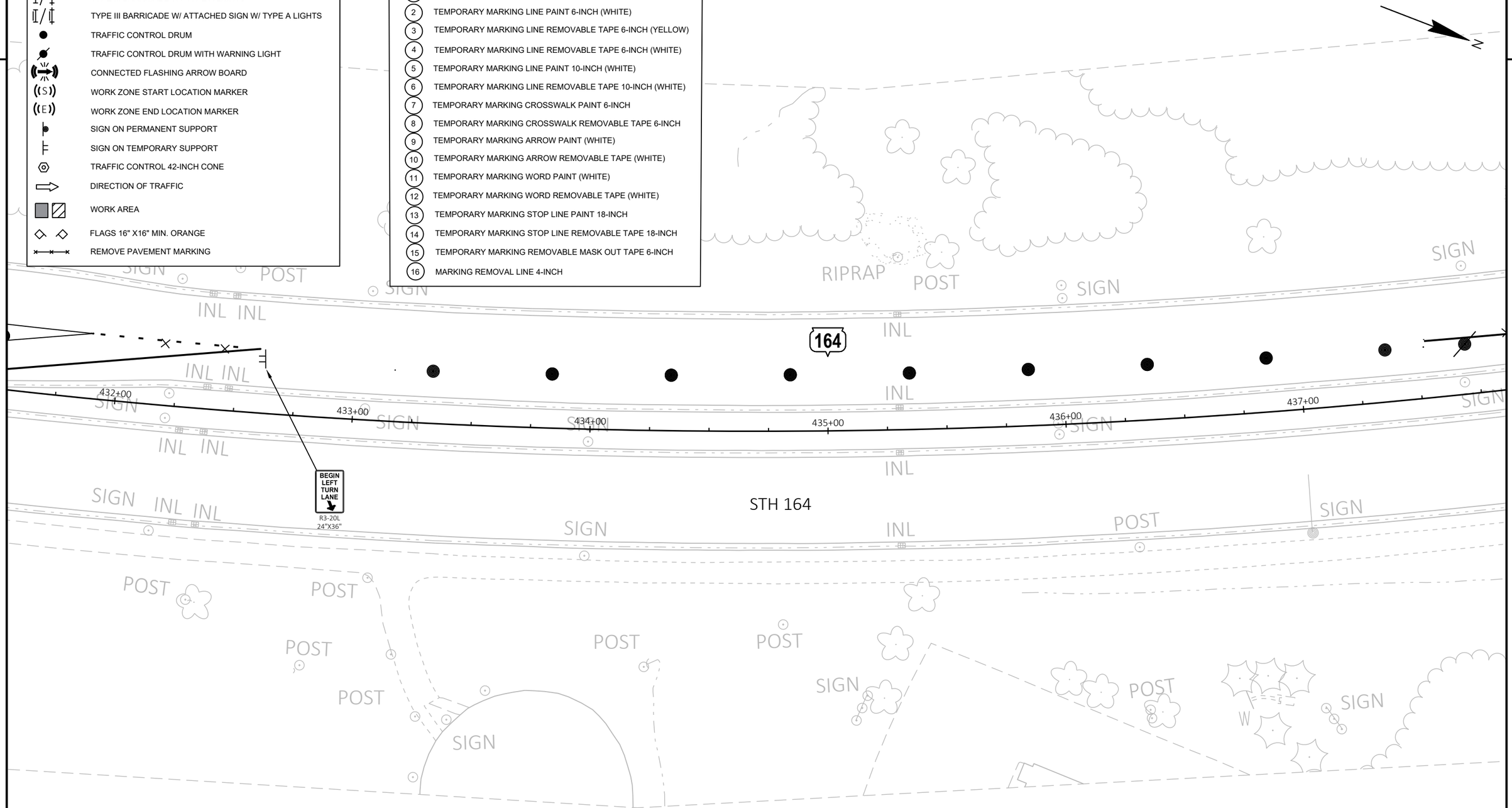
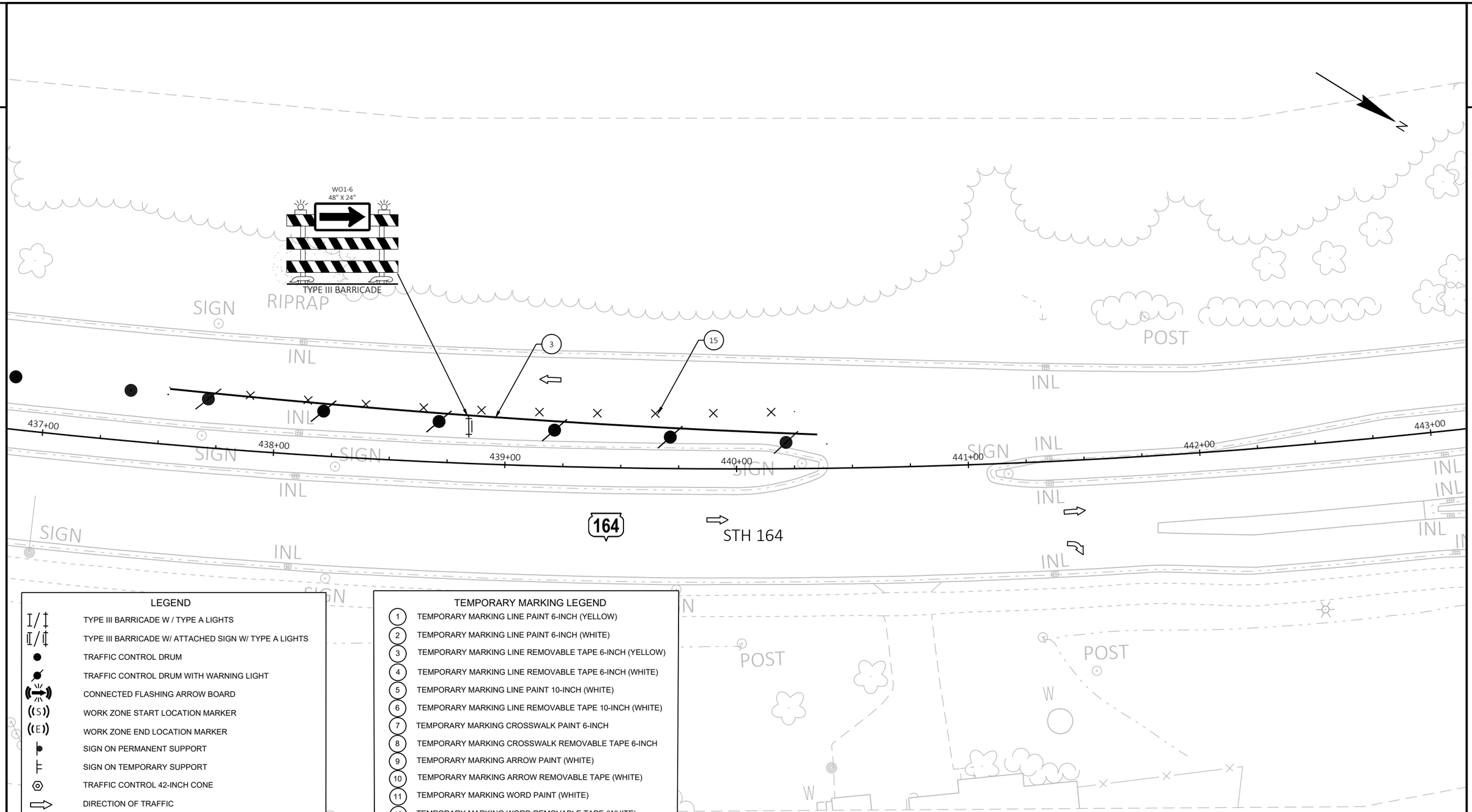
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH



STH 164

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA & WASHINGTON	TRAFFIC CONTROL - PHASE 2 - STAGE 4	SHEET 569	E

2



LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

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11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA & WASHINGTON	TRAFFIC CONTROL - PHASE 2 - STAGE 4	SHEET 570	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S8.DWG
LAYOUT NAME - 58
PLOT DATE : 4/28/2026 4:21 PM
PLOT BY : DILLINGHAM, MATTHEW
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
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13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

2

N

W04-2L

ROAD WORK NEXT 3 MILES
G20-1
60"X24"

LEFT LANE CLOSED AHEAD
W20-5A

ROAD WORK AHEAD
W20-1A

500'

500'

RIPRAP
SIGN
MH
POST
INL
W

443+00
444+00
445+00
446+00
447+00
448+00

STH 164
164

500' TYP.

END ROAD WORK
G20-2A
48"X24"

GOOD HOPE ROAD
GOOD HOPE RD

A/C

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA & WASHINGTON	TRAFFIC CONTROL - PHASE 2 - STAGE 4	SHEET 571	E

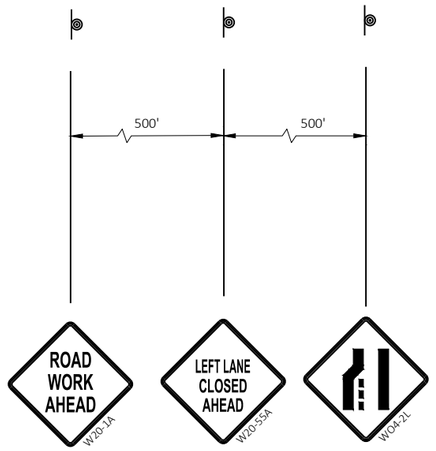
FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S8.DWG
LAYOUT NAME - 59

PLOT DATE : 4/28/2026 4:21 PM PLOT BY : DILLINGHAM, MATTHEW PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING



TEMPORARY MARKING LEGEND

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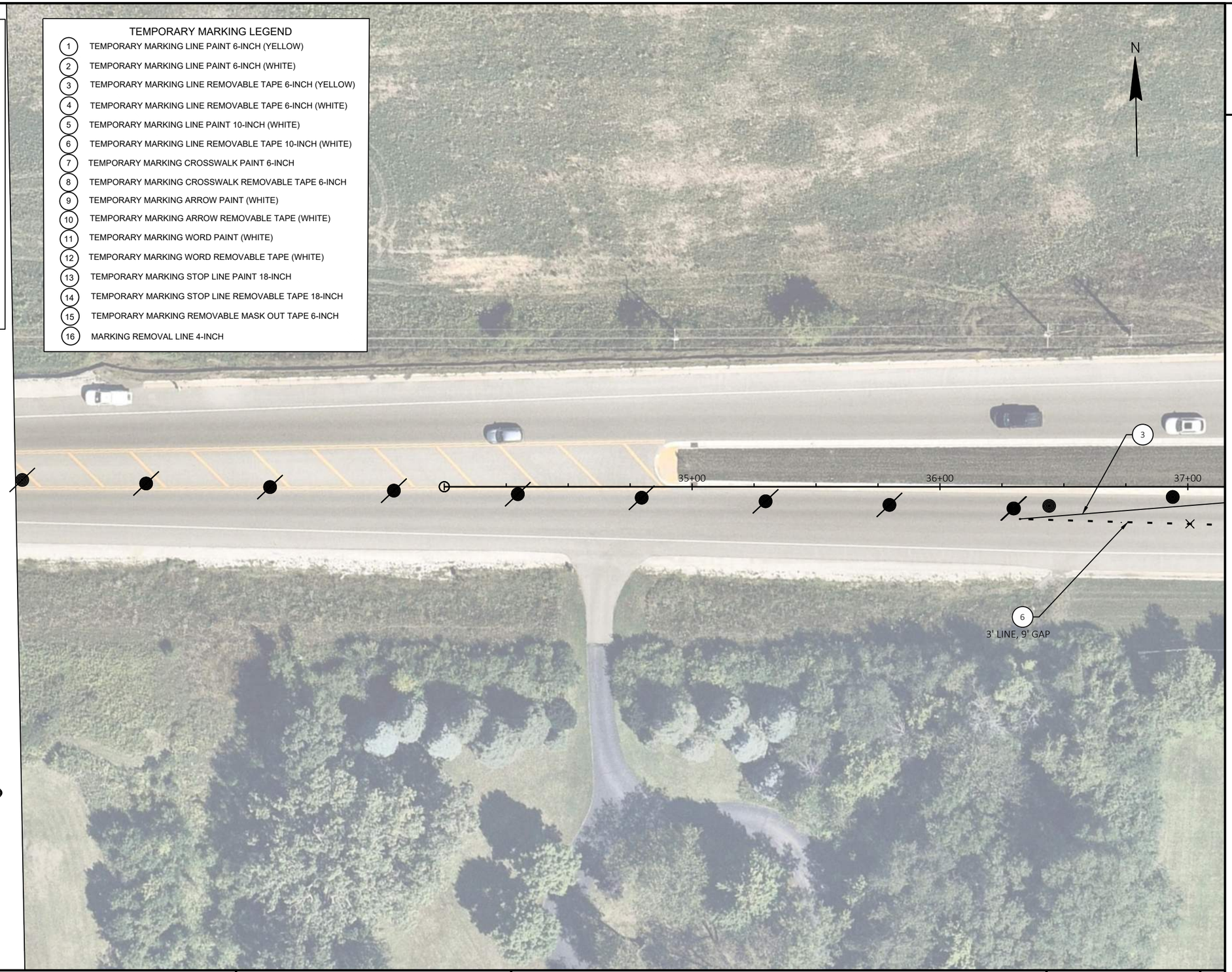
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH



2

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL - PHASE 2 - STAGE 4	SHEET 572	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S8.DWG
LAYOUT NAME - 62
PLOT DATE : 4/28/2026 4:22 PM
PLOT BY : DILLINGHAM, MATTHEW
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
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14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

N

BEGIN LEFT TURN LANE
R3-20L
24"X36"

3

37+00 38+00 39+00 40+00 41+00 42+00

6
3' LINE, 9' GAP

15

6

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

2

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL - PHASE 2 - STAGE 4	SHEET 573	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S8.DWG
LAYOUT NAME - 63
PLOT DATE : 4/28/2026 4:23 PM
PLOT BY : DILLINGHAM, MATTHEW
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

2

N

END
ROAD WORK
G20-2A
48"X24"

42+00 43+00 44+00 45+00 46+00 47+00 48+00

10

LISBON RD

3 15 6 4 6

3' LINE, 9' GAP

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
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- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
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- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

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14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

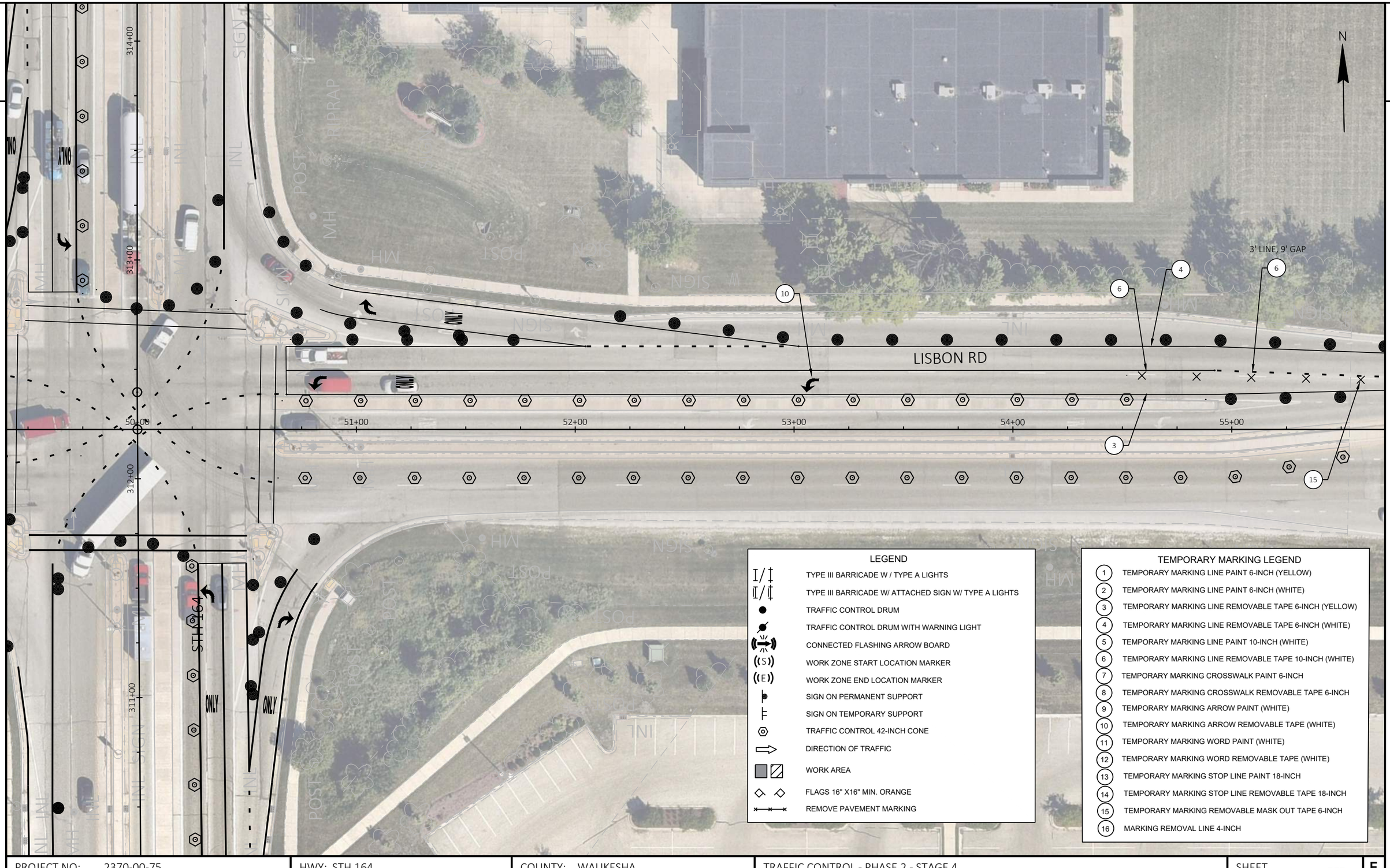
PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL - PHASE 2 - STAGE 4	SHEET 574	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S8.DWG
LAYOUT NAME - 64

PLOT DATE : 4/28/2026 4:23 PM PLOT BY : DILLINGHAM, MATTHEW PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2



LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
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15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL - PHASE 2 - STAGE 4	SHEET 575	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S8.DWG
LAYOUT NAME - 65
PLOT DATE : 4/28/2026 4:24 PM
PLOT BY : DILLINGHAM, MATTHEW
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

2

55+00 56+00 57+00 58+00 59+00 60+00 61

4

6

3' LINE, 9' GAP

15

3

R11-2L
48" X 30"

LANE CLOSED

TYPE III BARRICADE

N

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
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16. MARKING REMOVAL LINE 4-INCH

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL - PHASE 2 - STAGE 4	SHEET 576	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S8.DWG
LAYOUT NAME - 66

PLOT DATE : 4/28/2026 4:25 PM PLOT BY : DILLINGHAM, MATTHEW PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

2

N

6

6 3' LINE, 9' GAP

3

61+00

62+00

63+00

64+00

65+00

WO1-6
48" X 24"

TYPE III BARRICADE

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

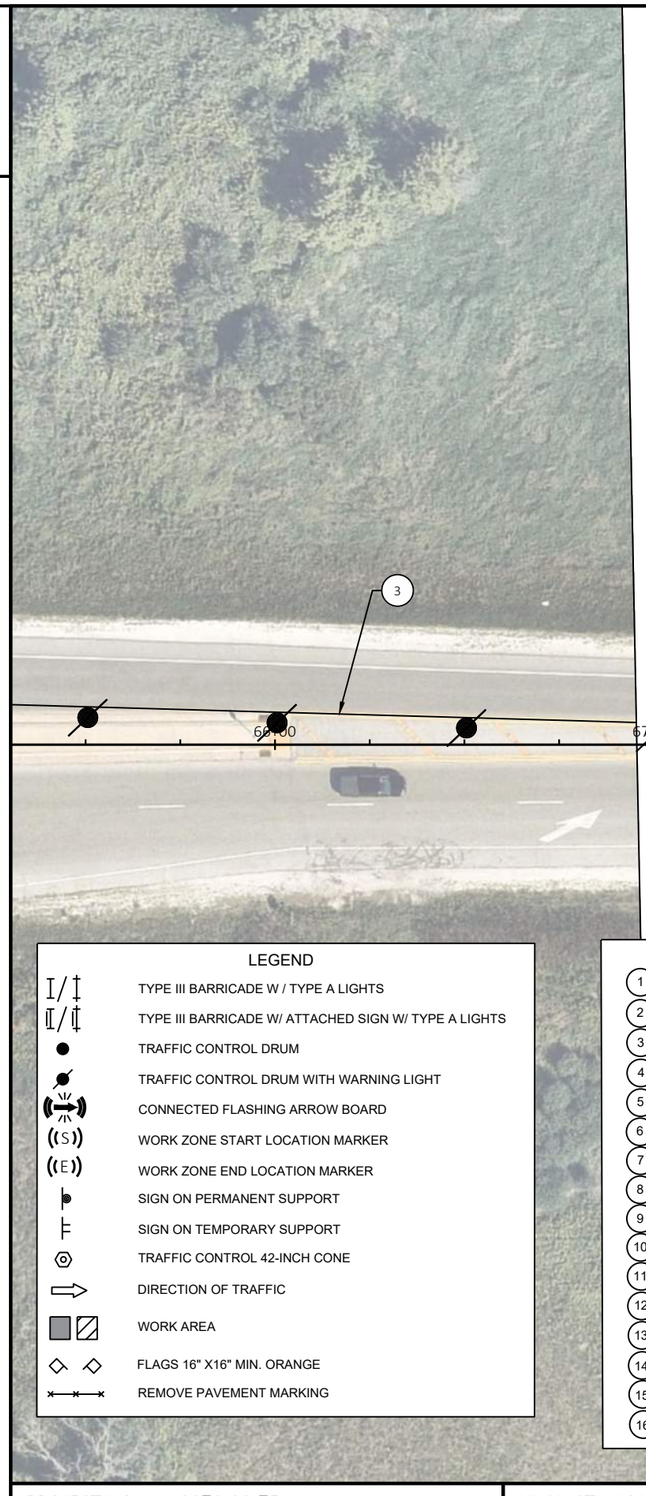
PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL - PHASE 2 - STAGE 4	SHEET 577	E

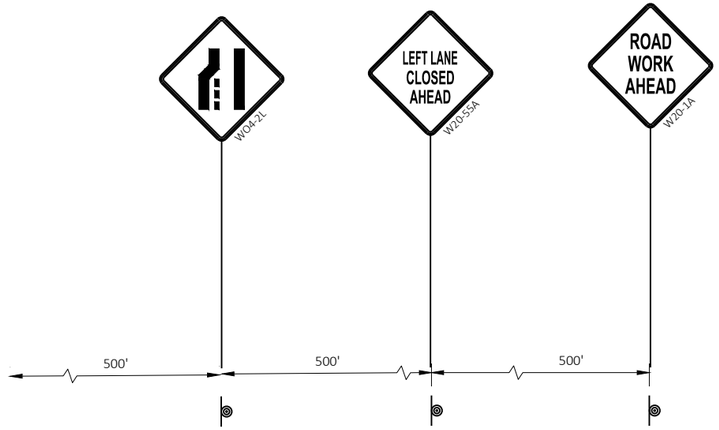
FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S8.DWG
LAYOUT NAME - 67

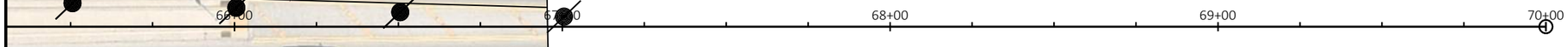
PLOT DATE : 4/28/2026 4:26 PM PLOT BY : DILLINGHAM, MATTHEW PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2







N

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL - PHASE 2 - STAGE 4	SHEET 578	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S8.DWG
LAYOUT NAME - 68
PLOT DATE : 4/28/2026 4:27 PM
PLOT BY : DILLINGHAM, MATTHEW
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

N

91+00 92+00 93+00 94+00 95+00

3

500' 500' 500'

ROAD WORK AHEAD W20-1A

LEFT LANE CLOSED AHEAD W20-5SA

W04-2L

2

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL - PHASE 2 - STAGE 4	SHEET 579	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S8.DWG
LAYOUT NAME - 69

PLOT DATE : 4/28/2026 4:27 PM PLOT BY : DILLINGHAM, MATTHEW PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

N

95+00 96+00 97+00 98+00 99+00 100+00 101+00

3

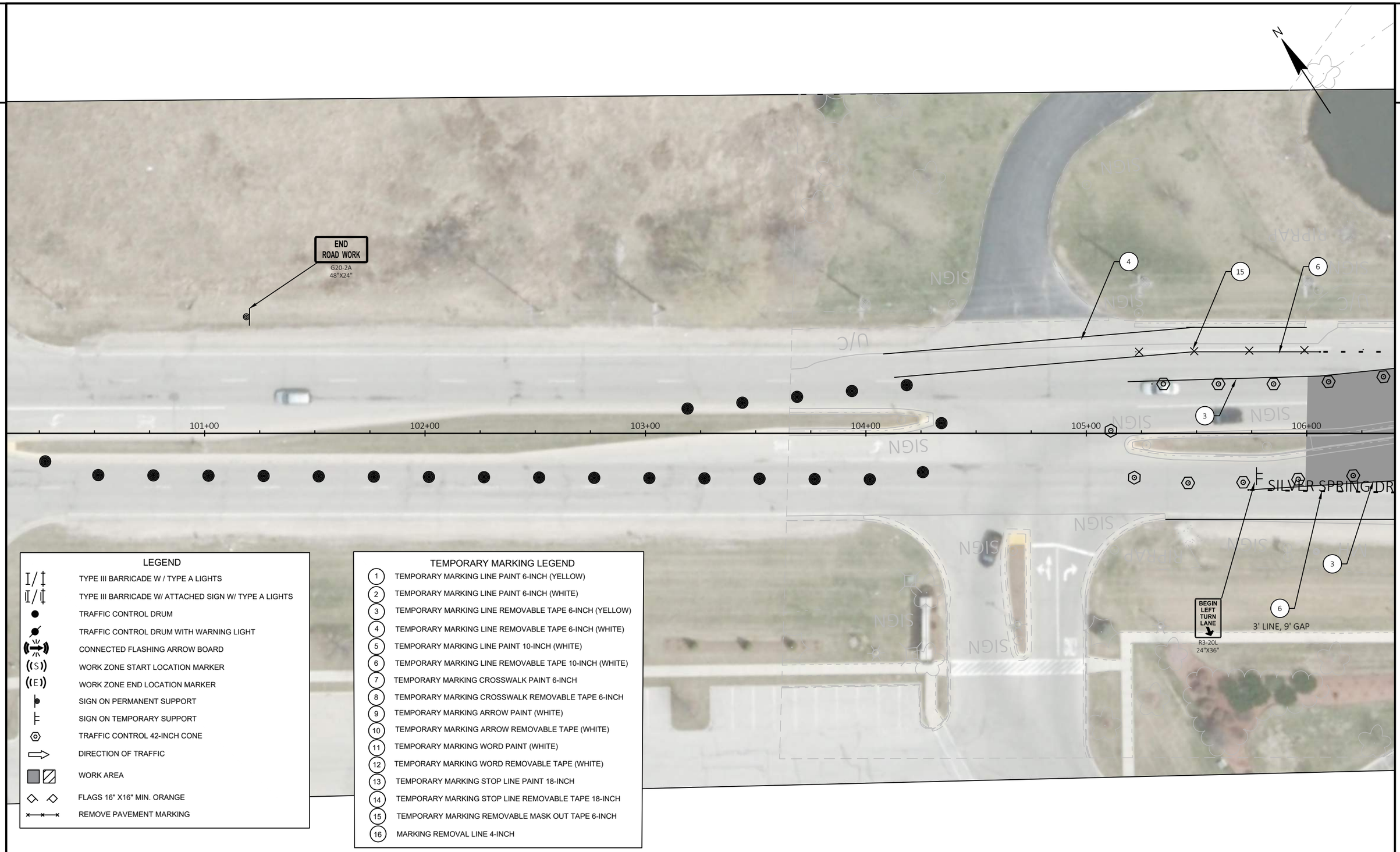
WO1-6
48" X 24"
TYPE III BARRICADE

R11-2L
48" X 30"
LANE CLOSED
TYPE III BARRICADE

2

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL - PHASE 2 - STAGE 4	SHEET 580	E

2



LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

TEMPORARY MARKING LEGEND

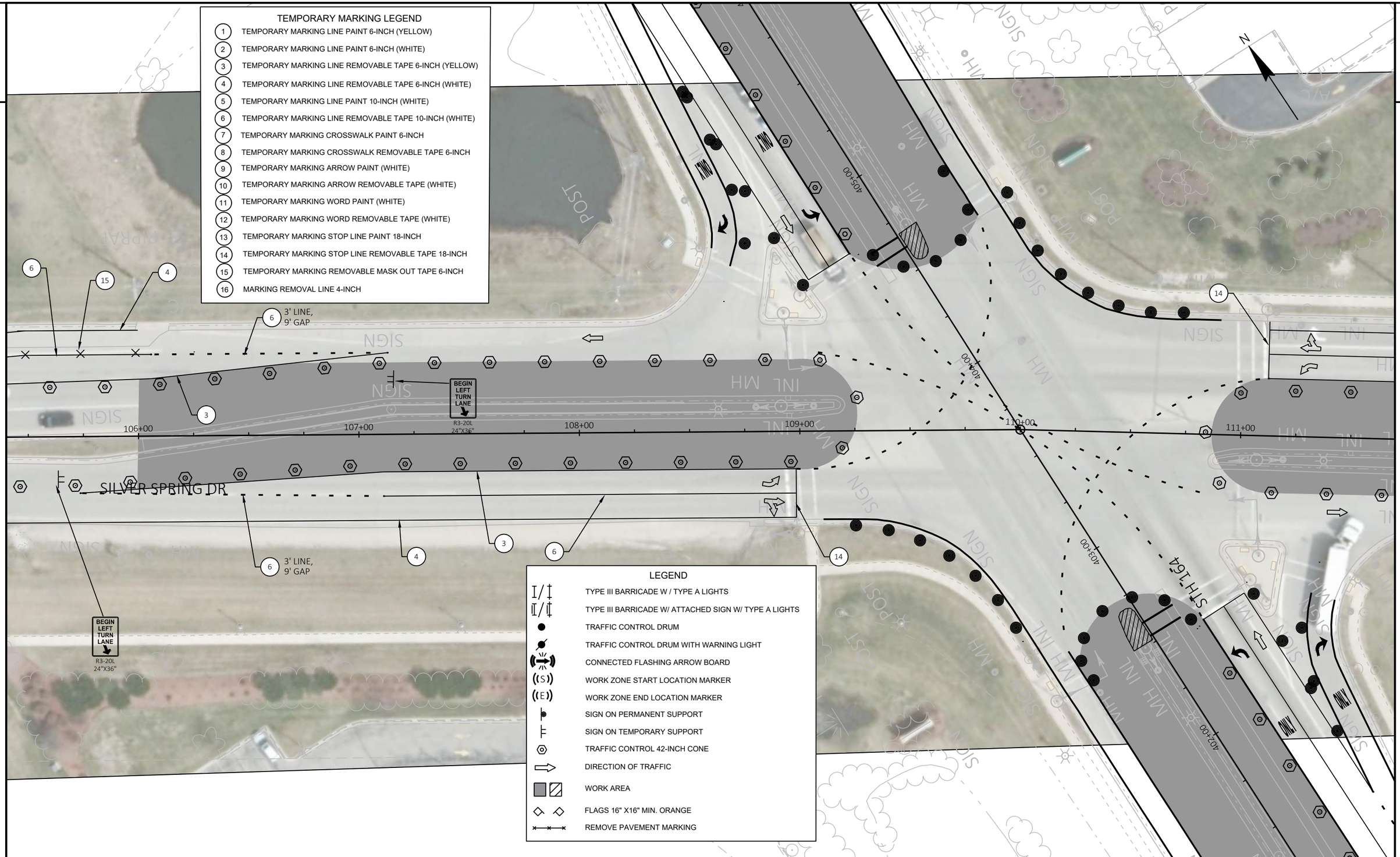
1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL - PHASE 2 - STAGE 4	SHEET 581	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S8.DWG
LAYOUT NAME - 71
PLOT DATE : 4/28/2026 4:29 PM
PLOT BY : DILLINGHAM, MATTHEW
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

TEMPORARY MARKING LEGEND

1	TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2	TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3	TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4	TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5	TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6	TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7	TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8	TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9	TEMPORARY MARKING ARROW PAINT (WHITE)
10	TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11	TEMPORARY MARKING WORD PAINT (WHITE)
12	TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13	TEMPORARY MARKING STOP LINE PAINT 18-INCH
14	TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15	TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16	MARKING REMOVAL LINE 4-INCH



LEGEND

	TYPE III BARRICADE W / TYPE A LIGHTS
	TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
	TRAFFIC CONTROL DRUM
	TRAFFIC CONTROL DRUM WITH WARNING LIGHT
	CONNECTED FLASHING ARROW BOARD
(S)	WORK ZONE START LOCATION MARKER
(E)	WORK ZONE END LOCATION MARKER
	SIGN ON PERMANENT SUPPORT
	SIGN ON TEMPORARY SUPPORT
	TRAFFIC CONTROL 42-INCH CONE
	DIRECTION OF TRAFFIC
	WORK AREA
	FLAGS 16" X16" MIN. ORANGE
	REMOVE PAVEMENT MARKING

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL - PHASE 2 - STAGE 4	SHEET 582	E

2

2

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING

N

14 6 4 3' LINE 9' GAP 6 BEGIN LEFT TURN LANE R3-20L 24"X36" 2' LINE 6' GAP 3

3

111+00 112+00 113+00 114+00 115+00 116+00 117

SILVER SPRING DR

6 3' LINE 9' GAP

6

BEGIN LEFT TURN LANE R3-20L 24"X36"

END ROAD WORK G20-2A 48"X24"

STH 164

402+00

TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL - PHASE 2 - STAGE 4	SHEET 583	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S8.DWG
LAYOUT NAME - 73

PLOT DATE : 4/28/2026 4:31 PM PLOT BY : DILLINGHAM, MATTHEW PLOT NAME : PLOT SCALE : 1 IN:40 FT

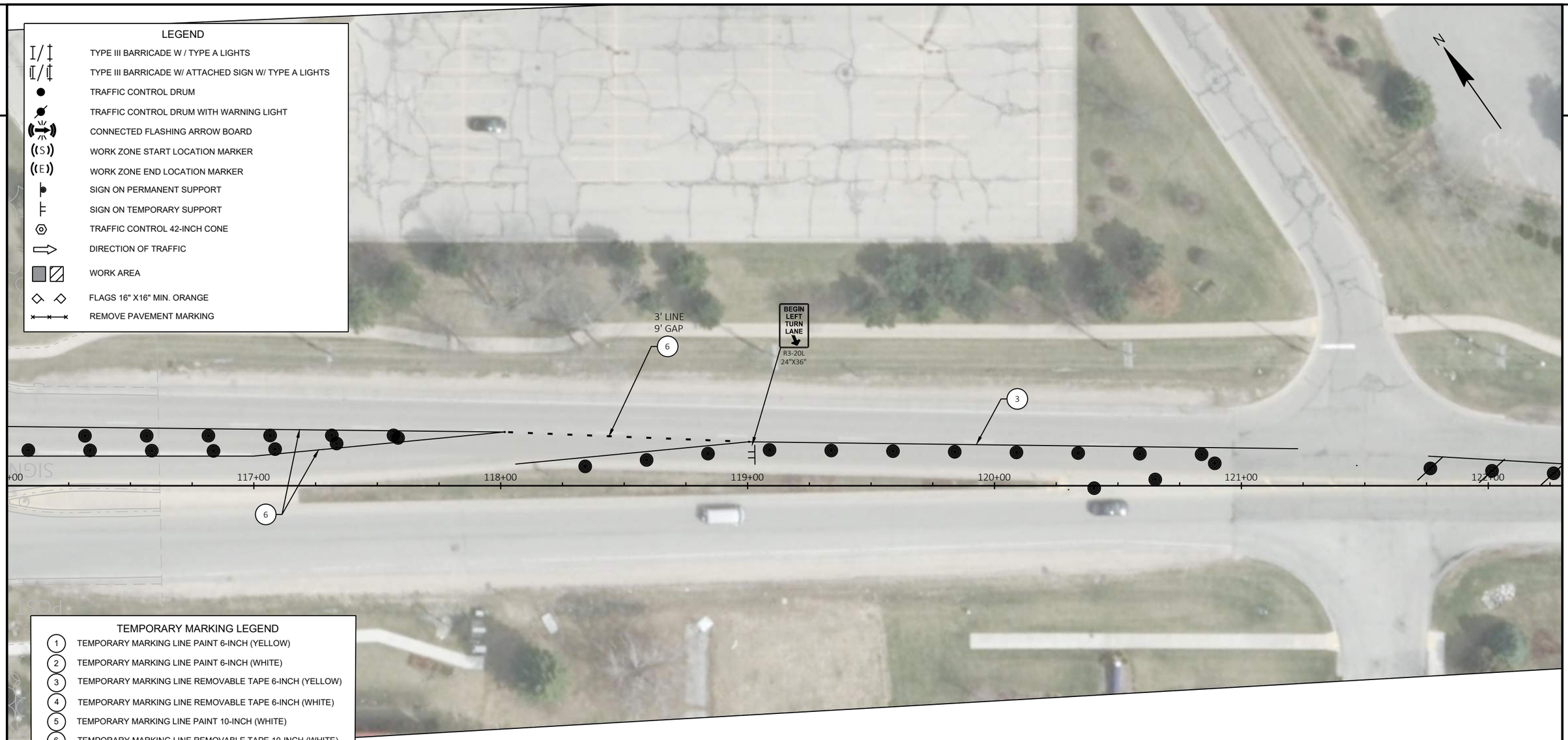
WISDOT/CADDS SHEET 42

2

2

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING



TEMPORARY MARKING LEGEND

1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL - PHASE 2 - STAGE 4	SHEET 584	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S8.DWG
LAYOUT NAME - 74

PLOT DATE : 4/28/2026 4:32 PM PLOT BY : DILLINGHAM, MATTHEW PLOT NAME : PLOT SCALE : 1 IN:40 FT

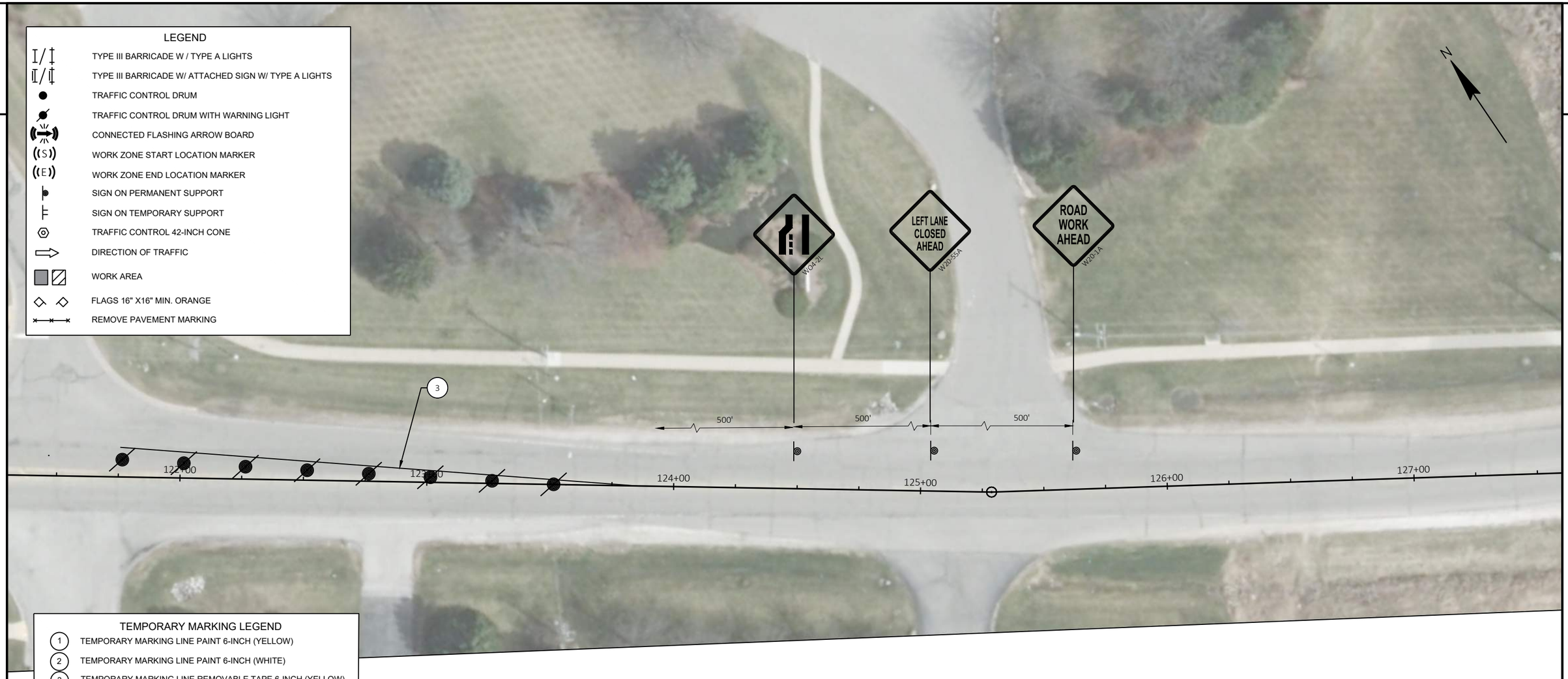
WISDOT/CADDS SHEET 42

2

2

LEGEND

- TYPE III BARRICADE W / TYPE A LIGHTS
- TYPE III BARRICADE W/ ATTACHED SIGN W/ TYPE A LIGHTS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT
- CONNECTED FLASHING ARROW BOARD
- WORK ZONE START LOCATION MARKER
- WORK ZONE END LOCATION MARKER
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL 42-INCH CONE
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGS 16" X16" MIN. ORANGE
- REMOVE PAVEMENT MARKING



TEMPORARY MARKING LEGEND

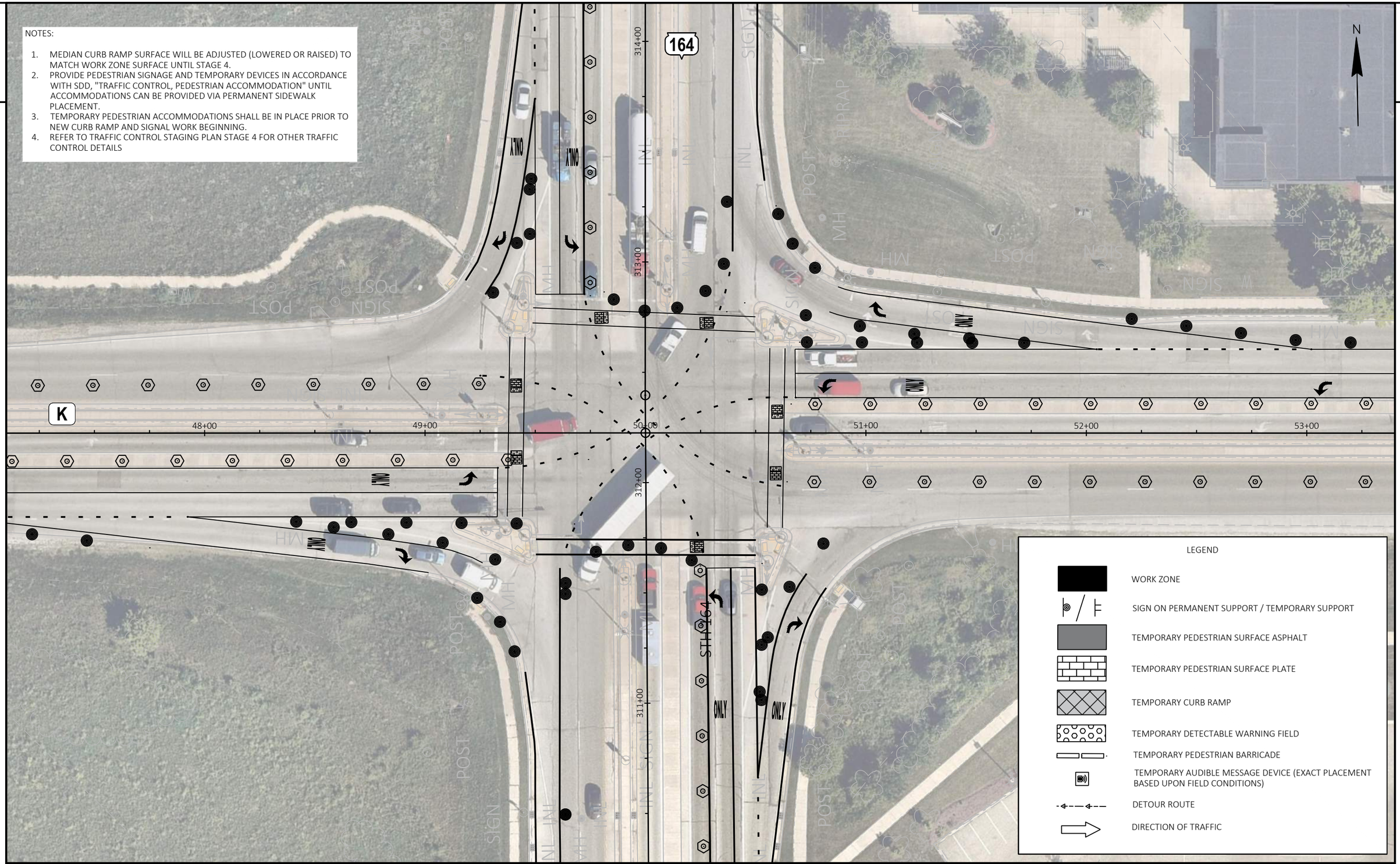
1. TEMPORARY MARKING LINE PAINT 6-INCH (YELLOW)
2. TEMPORARY MARKING LINE PAINT 6-INCH (WHITE)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
5. TEMPORARY MARKING LINE PAINT 10-INCH (WHITE)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
7. TEMPORARY MARKING CROSSWALK PAINT 6-INCH
8. TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
9. TEMPORARY MARKING ARROW PAINT (WHITE)
10. TEMPORARY MARKING ARROW REMOVABLE TAPE (WHITE)
11. TEMPORARY MARKING WORD PAINT (WHITE)
12. TEMPORARY MARKING WORD REMOVABLE TAPE (WHITE)
13. TEMPORARY MARKING STOP LINE PAINT 18-INCH
14. TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH
15. TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
16. MARKING REMOVAL LINE 4-INCH

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL - PHASE 2 - STAGE 4	SHEET 585	E

2

NOTES:

1. MEDIAN CURB RAMP SURFACE WILL BE ADJUSTED (LOWERED OR RAISED) TO MATCH WORK ZONE SURFACE UNTIL STAGE 4.
2. PROVIDE PEDESTRIAN SIGNAGE AND TEMPORARY DEVICES IN ACCORDANCE WITH SDD, "TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION" UNTIL ACCOMMODATIONS CAN BE PROVIDED VIA PERMANENT SIDEWALK PLACEMENT.
3. TEMPORARY PEDESTRIAN ACCOMMODATIONS SHALL BE IN PLACE PRIOR TO NEW CURB RAMP AND SIGNAL WORK BEGINNING.
4. REFER TO TRAFFIC CONTROL STAGING PLAN STAGE 4 FOR OTHER TRAFFIC CONTROL DETAILS



2

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TRAFFIC CONTROL - PHASE 2 - STAGE 4	SHEET 586	E

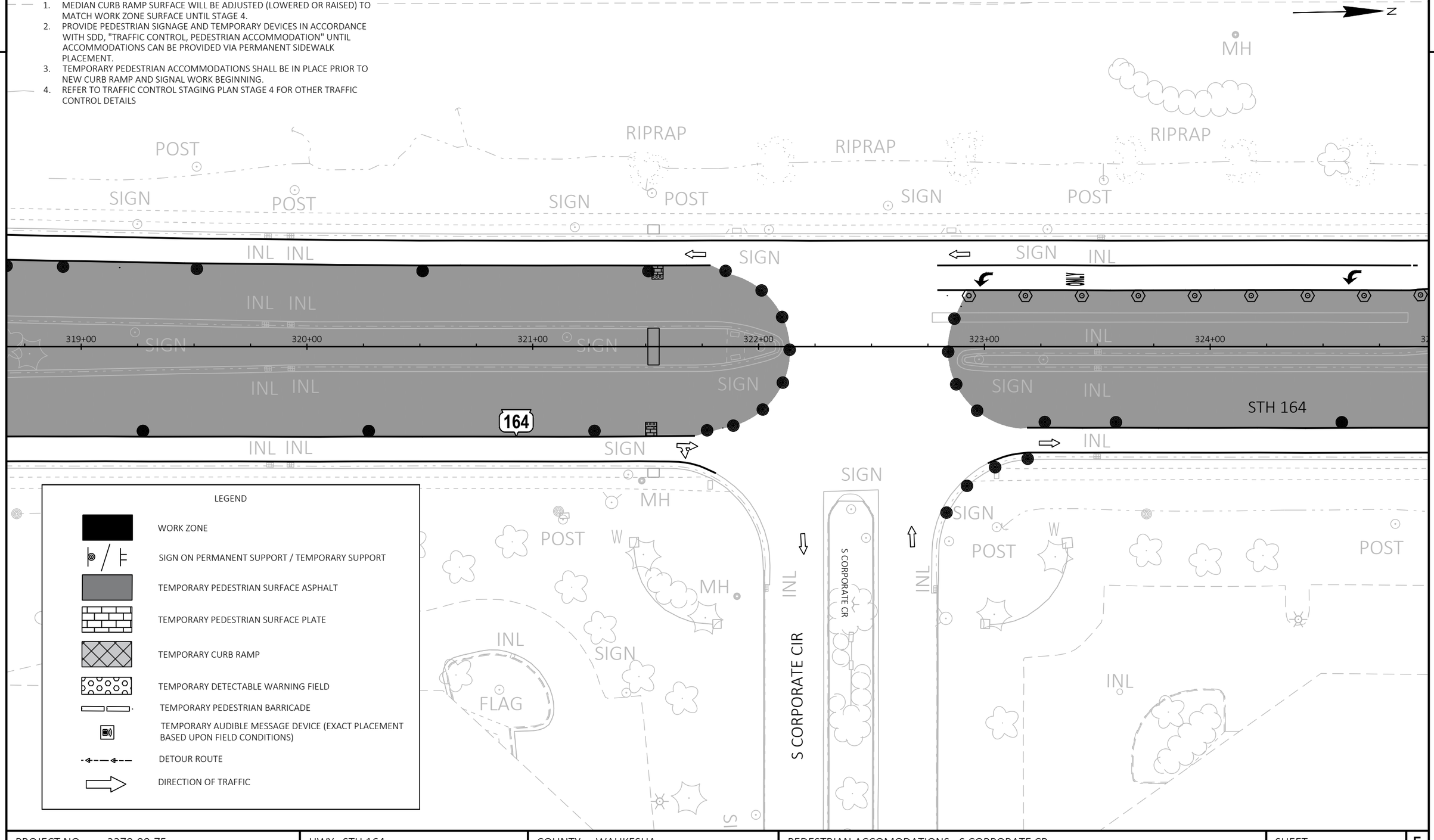
FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S8.DWG
LAYOUT NAME - PED ACCOM - CTH K

PLOT DATE : 4/28/2026 4:33 PM PLOT BY : DILLINGHAM, MATTHEW PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

NOTES:

1. MEDIAN CURB RAMP SURFACE WILL BE ADJUSTED (LOWERED OR RAISED) TO MATCH WORK ZONE SURFACE UNTIL STAGE 4.
2. PROVIDE PEDESTRIAN SIGNAGE AND TEMPORARY DEVICES IN ACCORDANCE WITH SDD, "TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION" UNTIL ACCOMMODATIONS CAN BE PROVIDED VIA PERMANENT SIDEWALK PLACEMENT.
3. TEMPORARY PEDESTRIAN ACCOMMODATIONS SHALL BE IN PLACE PRIOR TO NEW CURB RAMP AND SIGNAL WORK BEGINNING.
4. REFER TO TRAFFIC CONTROL STAGING PLAN STAGE 4 FOR OTHER TRAFFIC CONTROL DETAILS



LEGEND

- WORK ZONE
- SIGN ON PERMANENT SUPPORT / TEMPORARY SUPPORT
- TEMPORARY PEDESTRIAN SURFACE ASPHALT
- TEMPORARY PEDESTRIAN SURFACE PLATE
- TEMPORARY CURB RAMP
- TEMPORARY DETECTABLE WARNING FIELD
- TEMPORARY PEDESTRIAN BARRICADE
- TEMPORARY AUDIBLE MESSAGE DEVICE (EXACT PLACEMENT BASED UPON FIELD CONDITIONS)
- DETOUR ROUTE
- DIRECTION OF TRAFFIC

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	PEDESTRIAN ACCOMODATIONS - S CORPORATE CR	SHEET 587	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S8.DWG
LAYOUT NAME - PED ACCOM - S CORPORATE

PLOT DATE : 4/28/2026 4:34 PM PLOT BY : DILLINGHAM, MATTHEW PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

TEMPORARY AUDIBLE MESSAGE DEVICE:
ATTENTION PEDESTRIANS. YOU ARE AT THE INTERSECTION OF HIGHWAY 164 AND HIGHWAY VV. THIS CROSSING OF HIGHWAY 164 IS CLOSED. FOLLOW DETOUR ROUTE TO NORTH SIDE CROSSING.

SIDEWALK CLOSED AHEAD R9-9A 30"X18"

DETOUR AHEAD M4-9BA 30"X24"

DETOUR M4-9BR 30"X24"

DETOUR M4-9BL 30"X24"

SIDEWALK CLOSED R9-9 24"X12"

PROPOSED CURB RAMP

164

STH 164

VV

401+00 402+00 403+00 404+00 405+00 406+00

110+00 111+00 112+00

SEE PEDESTRIAN DETOUR - CTH VV FOR DETOUR DETAILS

TEMPORARY AUDIBLE MESSAGE DEVICE:
ATTENTION PEDESTRIANS. YOU ARE AT THE INTERSECTION OF HIGHWAY 164 AND HIGHWAY VV. THE FAR SIDE CROSSING OF HIGHWAY 164 IS CLOSED. CROSS HERE TO GO EAST.

TEMPORARY AUDIBLE MESSAGE DEVICE:
ATTENTION PEDESTRIANS. YOU ARE AT THE INTERSECTION OF HIGHWAY 164 AND HIGHWAY VV. THE SOUTH CROSSING OF HIGHWAY 164 IS CLOSED. FOLLOW DETOUR ROUTE TO NORTH SIDE CROSSING.

N

NOTES:

1. MEDIAN CURB RAMP SURFACE WILL BE ADJUSTED (LOWERED OR RAISED) TO MATCH WORK ZONE SURFACE UNTIL STAGE 4.
2. PROVIDE PEDESTRIAN SIGNAGE AND TEMPORARY DEVICES IN ACCORDANCE WITH SDD, "TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION" UNTIL ACCOMMODATIONS CAN BE PROVIDED VIA PERMANENT SIDEWALK PLACEMENT.
3. TEMPORARY PEDESTRIAN ACCOMMODATIONS SHALL BE IN PLACE PRIOR TO NEW CURB RAMP AND SIGNAL WORK BEGINNING.
4. REFER TO TRAFFIC CONTROL STAGING PLAN STAGE 4 FOR OTHER TRAFFIC CONTROL DETAILS

LEGEND

- WORK ZONE
- SIGN ON PERMANENT SUPPORT / TEMPORARY SUPPORT
- TEMPORARY PEDESTRIAN SURFACE ASPHALT
- TEMPORARY PEDESTRIAN SURFACE PLATE
- TEMPORARY CURB RAMP
- TEMPORARY DETECTABLE WARNING FIELD
- TEMPORARY PEDESTRIAN BARRICADE
- TEMPORARY AUDIBLE MESSAGE DEVICE (EXACT PLACEMENT BASED UPON FIELD CONDITIONS)
- DETOUR ROUTE
- DIRECTION OF TRAFFIC

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	PEDESTRIAN ACCOMODATIONS - CTH VV - STAGE 1A	SHEET 588	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S8.DWG
LAYOUT NAME - PED TC - CTH VV-1A
PLOT DATE : 4/28/2026 4:35 PM
PLOT BY : DILLINGHAM, MATTHEW
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

TEMPORARY AUDIBLE MESSAGE DEVICE:
ATTENTION PEDESTRIANS. YOU ARE AT THE INTERSECTION OF HIGHWAY 164 AND HIGHWAY VV. THE FAR SIDE CROSSING OF HIGHWAY 164 IS CLOSED. FOLLOW DETOUR ROUTE TO NORTH SIDE CROSSING. TURN HERE TO CROSS HIGHWAY 164.

DETOUR M4-9BR 30"X24"

DETOUR M4-9BL 30"X24"

DETOUR M4-9BR 30"X24"

DETOUR M4-9BL 30"X24"

DETOUR M4-9BR 30"X24"

DETOUR M4-9BL 30"X24"

SIDEWALK CLOSED AHEAD R9-9A 30"X18"

DETOUR AHEAD M4-9BA 30"X24"

SIDEWALK CLOSED R9-9 24"X12"

SIDEWALK CLOSED R9-9 24"X12"

164

401+00 402+00 403+00 404+00 405+00

STH 164

VV

110+00 112+00

PROPOSED CURB RAMP

TEMPORARY AUDIBLE MESSAGE DEVICE:
ATTENTION PEDESTRIANS. YOU ARE AT THE INTERSECTION OF HIGHWAY 164 AND HIGHWAY VV. THIS CROSSING OF HIGHWAY 164 IS CLOSED. FOLLOW DETOUR TO CROSS HIGHWAY 164.

NOTES:

1. MEDIAN CURB RAMP SURFACE WILL BE ADJUSTED (LOWERED OR RAISED) TO MATCH WORK ZONE SURFACE UNTIL STAGE 4.
2. PROVIDE PEDESTRIAN SIGNAGE AND TEMPORARY DEVICES IN ACCORDANCE WITH SDD, "TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION" UNTIL ACCOMMODATIONS CAN BE PROVIDED VIA PERMANENT SIDEWALK PLACEMENT.
3. TEMPORARY PEDESTRIAN ACCOMMODATIONS SHALL BE IN PLACE PRIOR TO NEW CURB RAMP AND SIGNAL WORK BEGINNING.
4. REFER TO TRAFFIC CONTROL STAGING PLAN STAGE 4 FOR OTHER TRAFFIC CONTROL DETAILS

LEGEND

- WORK ZONE
- SIGN ON PERMANENT SUPPORT / TEMPORARY SUPPORT
- TEMPORARY PEDESTRIAN SURFACE ASPHALT
- TEMPORARY PEDESTRIAN SURFACE PLATE
- TEMPORARY CURB RAMP
- TEMPORARY DETECTABLE WARNING FIELD
- TEMPORARY PEDESTRIAN BARRICADE
- TEMPORARY AUDIBLE MESSAGE DEVICE (EXACT PLACEMENT BASED UPON FIELD CONDITIONS)
- DETOUR ROUTE
- DIRECTION OF TRAFFIC

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	PEDESTRIAN ACCOMODATIONS - CTH VV - STAGE 1B	SHEET 589	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S8.DWG
LAYOUT NAME - PED TC - CTH VV-1B

PLOT DATE : 4/28/2026 4:35 PM PLOT BY : DILLINGHAM, MATTHEW PLOT NAME : PLOT SCALE : 1 IN:40 FT

LEGEND

- WORK ZONE
- SIGN ON PERMANENT SUPPORT / TEMPORARY SUPPORT
- TEMPORARY PEDESTRIAN SURFACE ASPHALT
- TEMPORARY PEDESTRIAN SURFACE PLATE
- TEMPORARY CURB RAMP
- TEMPORARY DETECTABLE WARNING FIELD
- TEMPORARY PEDESTRIAN BARRICADE
- TEMPORARY AUDIBLE MESSAGE DEVICE (EXACT PLACEMENT BASED UPON FIELD CONDITIONS)
- DETOUR ROUTE
- DIRECTION OF TRAFFIC

NOTES:

1. MEDIAN CURB RAMP SURFACE WILL BE ADJUSTED (LOWERED OR RAISED) TO MATCH WORK ZONE SURFACE UNTIL STAGE 4.
2. PROVIDE PEDESTRIAN SIGNAGE AND TEMPORARY DEVICES IN ACCORDANCE WITH SDD, "TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION" UNTIL ACCOMMODATIONS CAN BE PROVIDED VIA PERMANENT SIDEWALK PLACEMENT.
3. TEMPORARY PEDESTRIAN ACCOMMODATIONS SHALL BE IN PLACE PRIOR TO NEW CURB RAMP AND SIGNAL WORK BEGINNING.
4. REFER TO TRAFFIC CONTROL STAGING PLAN STAGE 4 FOR OTHER TRAFFIC CONTROL DETAILS

TEMPORARY AUDIBLE MESSAGE DEVICE:
ATTENTION PEDESTRIANS, YOU ARE AT THE INTERSECTION OF HIGHWAY 164 AND SOUTH CORPORATE CIRCLE. THIS CROSSING OF HIGHWAY 164 IS CLOSED. CONTINUE TO HIGHWAY K TO CROSS HIGHWAY 164.

TEMPORARY AUDIBLE MESSAGE DEVICE:
ATTENTION PEDESTRIANS, YOU ARE AT THE INTERSECTION OF HIGHWAY K AND HIGHWAY 164. THE HIGHWAY 164 CROSSING AT SOUTH CORPORATE CIRCLE IS CLOSED. USE THIS CROSSING TO CROSS HIGHWAY 164.

ATTACH TO EXISTING POLE
M4-9BL 30"X24"
M4-9BR 30"X24"
M4-9BA 30"X24"
R9-9A 30"X18"
R9-9 24"X12"

164

K

S CORPORATE CR

NOTE: CONTRACTOR SHALL ONLY WORK ON ONE MEDIAN CURB RAMP AT A TIME.

TEMPORARY AUDIBLE MESSAGE DEVICE: ATTENTION PEDESTRIANS, YOU ARE AT THE INTERSECTION OF HIGHWAY 164 AND HIGHWAY VV. THE SOUTHERN CROSSING OF HIGHWAY 164 CROSSING IS CLOSED. PROCEED NORTH TO CROSS HIGHWAY 164.

SIDEWALK CLOSED AHEAD R9-9A 30"X18"
DETOUR AHEAD M4-9BA 30"X24"
M4-60R 30"X24"
M4-60L 30"X24"
SIDEWALK CLOSED R9-9 24"X12"

TEMPORARY AUDIBLE MESSAGE DEVICE: ATTENTION PEDESTRIANS, YOU ARE AT THE INTERSECTION OF HIGHWAY 164 AND HIGHWAY VV. THE SOUTHERN CROSSING OF HIGHWAY 164 CROSSING IS CLOSED. USE THIS CROSSING TO CROSS HIGHWAY 164.

NOTES:

1. MEDIAN CURB RAMP SURFACE WILL BE ADJUSTED (LOWERED OR RAISED) TO MATCH WORK ZONE SURFACE UNTIL STAGE 4.
2. PROVIDE PEDESTRIAN SIGNAGE AND TEMPORARY DEVICES IN ACCORDANCE WITH SDD, "TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION" UNTIL ACCOMMODATIONS CAN BE PROVIDED VIA PERMANENT SIDEWALK PLACEMENT.
3. TEMPORARY PEDESTRIAN ACCOMMODATIONS SHALL BE IN PLACE PRIOR TO NEW CURB RAMP AND SIGNAL WORK BEGINNING.
4. REFER TO TRAFFIC CONTROL STAGING PLAN STAGE 4 FOR OTHER TRAFFIC CONTROL DETAILS

LEGEND

- WORK ZONE
- SIGN ON PERMANENT SUPPORT / TEMPORARY SUPPORT
- TEMPORARY PEDESTRIAN SURFACE ASPHALT
- TEMPORARY PEDESTRIAN SURFACE PLATE
- TEMPORARY CURB RAMP
- TEMPORARY DETECTABLE WARNING FIELD
- TEMPORARY PEDESTRIAN BARRICADE
- TEMPORARY AUDIBLE MESSAGE DEVICE (EXACT PLACEMENT BASED UPON FIELD CONDITIONS)
- DETOUR ROUTE
- DIRECTION OF TRAFFIC

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	PEDESTRIAN DETOUR - CTH VV - STAGE 1A	SHEET 591	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S8.DWG
LAYOUT NAME - DETOUR-CTHVV-1A
PLOT DATE : 4/28/2026 4:39 PM PLOT BY : DILLINGHAM, MATTHEW PLOT NAME : PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

2

LEGEND

- WORK ZONE
- SIGN ON PERMANENT SUPPORT / TEMPORARY SUPPORT
- TEMPORARY PEDESTRIAN SURFACE ASPHALT
- TEMPORARY PEDESTRIAN SURFACE PLATE
- TEMPORARY CURB RAMP
- TEMPORARY DETECTABLE WARNING FIELD
- TEMPORARY PEDESTRIAN BARRICADE
- TEMPORARY AUDIBLE MESSAGE DEVICE (EXACT PLACEMENT BASED UPON FIELD CONDITIONS)
- DETOUR ROUTE
- DIRECTION OF TRAFFIC

NOTE: CONTRACTOR SHALL ONLY WORK ON ONE MEDIAN CURB RAMP AT A TIME.

TEMPORARY AUDIBLE MESSAGE DEVICE: ATTENTION PEDESTRIANS, YOU ARE AT THE INTERSECTION OF HIGHWAY 164 AND HIGHWAY VV. THE OTHER CROSSING OF HIGHWAY 164 CROSSING IS TEMPORARLY CLOSED. CROSS HERE TO CROSS HIGHWAY 164.

TEMPORARY AUDIBLE MESSAGE DEVICE: ATTENTION PEDESTRIANS, YOU ARE AT THE INTERSECTION OF HIGHWAY 164 AND HIGHWAY VV. THIS CROSSING OF HIGHWAY 164 CROSSING IS CLOSED. FOLLOW DETOUR SOUTH TO CROSS HIGHWAY 164.

NOTES:

1. MEDIAN CURB RAMP SURFACE WILL BE ADJUSTED (LOWERED OR RAISED) TO MATCH WORK ZONE SURFACE UNTIL STAGE 4.
2. PROVIDE PEDESTRIAN SIGNAGE AND TEMPORARY DEVICES IN ACCORDANCE WITH SDD, "TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION" UNTIL ACCOMMODATIONS CAN BE PROVIDED VIA PERMANENT SIDEWALK PLACEMENT.
3. TEMPORARY PEDESTRIAN ACCOMMODATIONS SHALL BE IN PLACE PRIOR TO NEW CURB RAMP AND SIGNAL WORK BEGINNING.
4. REFER TO TRAFFIC CONTROL STAGING PLAN STAGE 4 FOR OTHER TRAFFIC CONTROL DETAILS

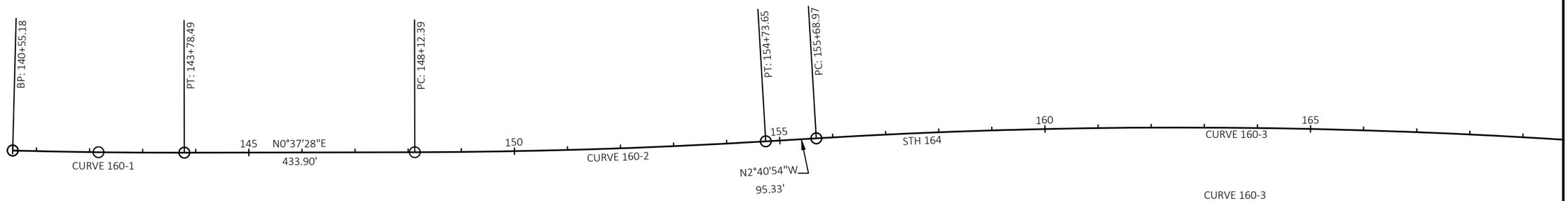
PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	PEDESTRIAN DETOUR - CTH VV- STAGE 1B	SHEET 592	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\026001A-P2-S8.DWG
LAYOUT NAME - DETOUR-CTHVV-1B

PLOT DATE : 4/28/2026 4:41 PM PLOT BY : DILLINGHAM, MATTHEW PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2



CURVE 160-1
PI STA = 142+16.85
Y = 183655.802
X = 685013.530
DELTA = 1°37'00" LT
D = 0°30'00"
T = 161.67'
L = 323.31'
R = 11459.30'
PC STA = 140+55.18
Y = 183494.259
X = 685007.208
PT STA = 143+78.49
Y = 183817.459
X = 685015.292
DB = N02°14'28"E
DA = N00°37'28"E

CURVE 160-2
PI STA = 151+43.11
Y = 184582.034
X = 685023.626
DELTA = 3°18'23" LT
D = 0°30'00"
T = 330.72'
L = 661.25'
R = 11458.91'
PC STA = 148+12.39
Y = 184251.336
X = 685020.022
PT STA = 154+73.65
Y = 184912.390
X = 685008.153
DB = N00°37'28"E
DA = N02°40'54"W

CURVE 160-3
PI STA = 163+84.18
Y = 185821.924
X = 684965.550
DELTA = 8°08'18" RT
D = 0°30'00"
T = 815.21'
L = 1627.67'
R = 11459.12'
PC STA = 155+68.97
Y = 185007.611
X = 685003.692
PT STA = 171+96.64
Y = 186633.435
X = 685043.069
DB = N02°40'54"W
DA = N05°27'24"E

2

N

BM 18036
SET BOX STOPLIGHT
STA 180+36.37, 77.226' LT
N: 187469.4000'
E: 684999.8000'
ELEV: 919.773

CP 18048
CP FENO MONUMENT
STA 180+47.62, 82.969' LT
N: 187480.4950'
E: 684993.7630'
ELEV: 919.740

CP 20082
CP FENO MONUMENT
STA 200+82.28, 57.313' LT
N: 189258.6600'
E: 684260.1920'
ELEV: 890.551

BEGIN PROJECT
STA 198+25

CURVE 160-5
PI STA = 188+97.25
Y = 188332.013
X = 685054.337
DELTA = 36°23'48" LT
D = 3°45'00"
T = 502.29'
L = 970.57'
R = 1527.88'
PC STA = 183+94.96
Y = 187829.894
X = 685067.560
PT STA = 193+65.53
Y = 188728.337
X = 684745.751
DB = N01°30'31"W
DA = N37°54'18"W

BM 20049
BM FND + ESE FLANGE HOLT HYD
STA 200+48.96, 68.716' RT
N: 189309.8000'
E: 684380.1000'
ELEV: 893.675

PT: 171+96.64
PC: 174+59.03
PT: 178+57.03
PC: 183+94.96
PT: 193+65.53
170
175
180
185
190
195
200
N5°27'24"E
262.39'
CURVE 164-4
N1°30'31"W
537.93'
CURVE 160-5
STH 164

CURVE 160-4
PI STA = 176+58.27
Y = 187092.975
X = 685086.966
DELTA = 6°57'54" LT
D = 1°45'00"
T = 199.25'
L = 398.00'
R = 3274.03'
PC STA = 174+59.03
Y = 186894.632
X = 685068.019
PT STA = 178+57.03
Y = 187292.152
X = 685081.721
DB = N05°27'24"E
DA = N01°30'31"W

CP 19134
CP FENO MONUMENT
STA 191+34.39, 67.801' RT
N: 188569.0500'
E: 684932.6070'
ELEV: 900.955

BM 19151
BM SET BOX LP BASE
STA 191+51.07, 92.692' RT
N: 188596.6000'
E: 684945.6000'
ELEV: 901.016

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	ALIGNMENT	SHEET 594	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\027201A-AD.DWG
LAYOUT NAME - 02
PLOT DATE : 2/2/2026 11:56 AM
PLOT BY : SIPEK, KIRSTEN
PLOT NAME :
PLOT SCALE : 1 IN:200 FT
WISDOT/CADDS SHEET 42

2

N

BM 22995
BM SET BOX NE CORNER STORM STR
STA 229+94.63, 52.883' LT
N: 190929.4000'
E: 682067.5000'
ELEV: 859.699

CP 22678
CP FENO MOMUMENT
STA 226+77.77, 60.043' LT
N: 190851.6720'
E: 682374.7550'
ELEV: 858.560

BM 21606
BM SET BOX NW CORNER STORM STR
STA 216+05.64, 59.202' LT
N: 190438.5000'
E: 683313.6000'
ELEV: 862.998

CP 21717
CP FENO MONUMENT
STA 217+17.42, 2.694' LT
N: 190552.8250'
E: 683267.3470'
ELEV: 863.112

N37°54'18"W
1988.54'

N77°05'53"W
1480.44'

205 210 215 220 225 230

PC: 213+54.07

PT: 223+99.22

STH 164

CURVE 160-6

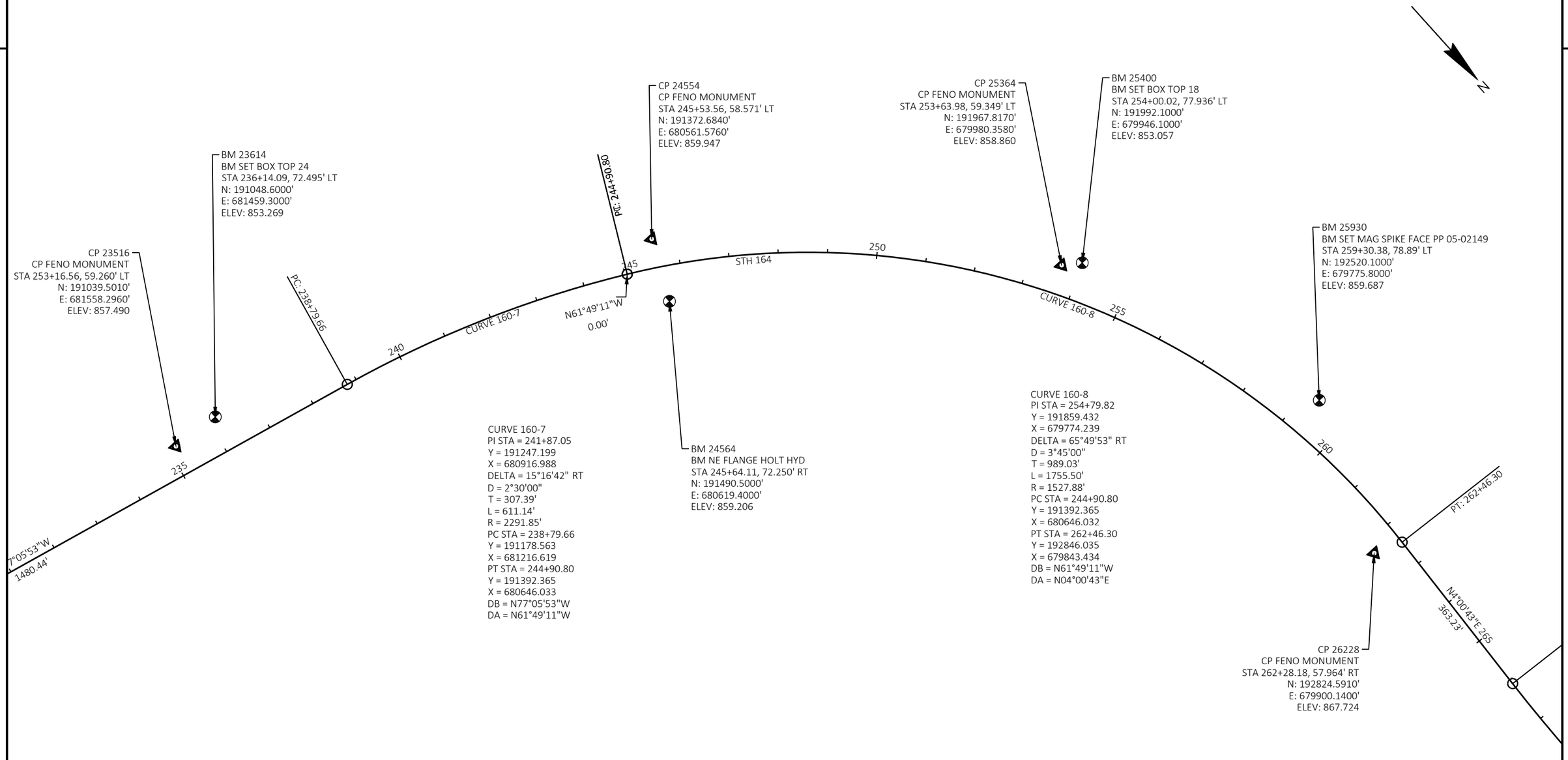
BM 20873
BM SET BOX N CORNER TRAFFIC CONTROL BOX
STA 208+73.04, 83.007' RT
N: 189968.8000'
E: 683885.1000'
ELEV: 889.189

CP 20492
CP FENO MONUMENT
STA 209+41.91, 76.329' RT
N: 190019.0420'
E: 683837.5160'
ELEV: 887.990

CURVE 160-6
PI STA = 218+98.02
Y = 190726.546
X = 683189.900
DELTA = 39°11'34" LT
D = 3°45'00"
T = 543.95'
L = 1045.14'
R = 1527.89'
PC STA = 213+54.07
Y = 190297.355
X = 683524.078
PT STA = 223+99.22
Y = 190848.002
X = 682659.685
DB = N37°54'18"W
DA = N77°05'53"W

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	ALIGNMENT	SHEET 595	E

2



PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	ALIGNMENT	SHEET 596	E

2

N

BM 26966
BM FND + E FLANGE HYD
STA 269+66.01, 96.169' LT
N: 193560.9000'
E: 679778.3000'
ELEV: 867.302

PT: 271+81.85

PC: 279+06.81

BM 28900
BM SET MAG SPIKE FACE PP 05-02105
STA 289+00.26, 70.220' RT
N: 195493.4000'
E: 679792.3000'
ELEV: 890.554

PT: 292+50.59

CP 29795
CP FENO MONUMENT
STA 297+95.30, 0.132' RT
N: 196387.1100'
E: 679728.0320'
ELEV: 928.016

270
CURVE 160-9

275
N6°00'15"W
724.96'

280
STH 164

285
CURVE 160-10

290

295

CURVE 160-9
PI STA = 268+96.42
Y = 193494.565
X = 679888.918
DELTA = 10°00'58" LT
D = 1°45'00"
T = 286.90'
L = 572.33'
R = 3273.98'
PC STA = 266+09.52
Y = 193208.371
X = 679868.846
PT STA = 271+81.85
Y = 193779.888
X = 679858.908
DB = N04°00'43"E
DA = N06°00'15"W

CP27011
CP FENO MONUMENT
STA 270+11.08, 59.876' RT
N: 193612.8100'
E: 679932.1280'
ELEV: 870.482

BM 27884
BM SET MAG SPIKE FACE PP 05-02125
STA 278+83.60, 95.721' RT
N: 194487.8000'
E: 679880.7000'
ELEV: 864.533

CP 27967
CP FENO MONUMENT
STA 279+66.68, 0.081' RT
N: 194560.4320'
E: 679777.0510'
ELEV: 872.135

CURVE 160-10
PI STA = 285+79.47
Y = 195169.839
X = 679712.716
DELTA = 6°43'08" RT
D = 0°30'00"
T = 672.66'
L = 1343.77'
R = 11459.16'
PC STA = 279+06.81
Y = 194500.872
X = 679783.077
PT STA = 292+50.59
Y = 195842.443
X = 679721.106
DB = N06°00'15"W
DA = N00°42'53"E

CP 28949
CP FENO MONUMENT
STA 289+48.67, 59.169' RT
N: 195541.3530'
E: 679780.4810'
ELEV: 894.706

BM 29547
BM SET MAG FACE SPIKE PP 11-12045
STA 295+47.31, 75.299' RT
N: 196138.2000'
E: 679800.1000'
ELEV: 926.634

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	ALIGNMENT	SHEET 597	E

2

2

N

CP 32239
CP FENO MONUMENT
STA 322+39.35, 52.433' RT
N: 198831.8890'
E: 679713.2090'
ELEV: 906.06

PI: 312+39.57

300 N0°42'53"E 305 310 315 320 N1°07'48"B25

1988.99' STH 164 2402.16'

BM 30299
BM SET MAG SPIKE FACE PP 14-04843
STA 302+99.07, 75.822' RT
N: 196889.9000'
E: 679810.0000'
ELEV: 924.338

CP 30582
CP FENO MONUMENT
STA 305+82.51, 59.081' RT
N: 197173.5270'
E: 679796.7960'
ELEV: 911.651

BM 31312
BM SET BOX LP BASE
STA 313+11.72, 10.664' RT
N: 197903.2000'
E: 679758.0000'
ELEV: 904.619

CP 31332
CP FENO MONUMENT
STA 313+31.63, 69.241' RT
N: 197921.9500'
E: 679816.9680'
ELEV: 904.834

BM 32135
BM FND X NW FLANGE BOLT HYD
STA 321+34.93, 68.941' RT
N: 198725.1000'
E: 679832.5000'
ELEV: 907.139

BM 32811
BM FND X NW FLANGE BOLT HYD
STA 328+11.33, 52.298' RT
N: 199401.7000'
E: 679829.2000'
ELEV: 918.677

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	ALIGNMENT	SHEET 598	E

2

N

CP 32964
CP FENO MONUMENT
STA 329+64.07, 52.366' RT
N: 199554.4060'
E: 679832.2800'
ELEV: 921.303

BM 33704
BM FND X SW HYD FLANGE
STA 337+03.65, 52.22' RT
N: 200293.7000'
E: 679846.8000'
ELEV: 943.353

CP 33693
CP FENO MONUMENT
STA 336+93.48, 0.273' RT
N: 200284.7070'
E: 679794.0940'
ELEV: 943.491

PC: 336+41.74

CURVE 160-11
PI STA = 338+85.02
Y = 200476.211
X = 679798.086
DELTA = 1°12'59" RT
D = 0°15'00"
T = 243.29'
L = 486.55'
R = 22918.26'
PC STA = 336+41.74
Y = 200232.972
X = 679793.288
PT STA = 341+28.29
Y = 200719.293
X = 679808.046
DB = N01°07'48"E
DA = N02°20'47"E

PT: 341+28.29

BM 34148
BM NW FLANGE BOLT HYD
STA 341+48.19, 55.486' RT
N: 200736.9000'
E: 679864.3000'
ELEV: 950.269

CP 34396
CP FENO MONUMENT
STA 343+95.81, 74.315' LT
N: 200989.6330'
E: 679744.7460'
ELEV: 948.324

330 335 340 345 350 355 360

CURVE 160-11 | STH 164 | N2°20'47"E 1291.82' | CURVE 160-12

CP 35266
CP FENO MONUMENT
STA 352+66.30, 69.388' LT
N: 201859.1870'
E: 679785.3070'
ELEV: 948.370

PC: 354+20.11

BM 35183
BM NW FLANGE BOLT HYD
STA 361+83.37, 73.019' RT
N: 201770.5000'
E: 679924.2000'
ELEV: 951.129

BM 35996
BM SET MAG SPIKE FACE PP 09-10480
STA 359+96.25, 87.095' LT
N: 202587.3000'
E: 679790.2000'
ELEV: 949.146

PT: 360+06.38

CURVE 160-12
PI STA = 357+13.26
Y = 202302.936
X = 679872.936
DELTA = 1°27'57" LT
D = 0°15'00"
T = 293.15'
L = 586.27'
R = 22917.16'
PC STA = 354+20.11
Y = 202010.033
X = 679860.935
PT STA = 360+06.38
Y = 202596.051
X = 679877.442
DB = N02°20'47"E
DA = N00°52'50"E

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	ALIGNMENT	SHEET 599	E

2

N

CP 36142
CP FENO MONUMENT
STA 361+41.51, 63.081' LT
N: 202732.1360'
E: 679816.4450'
ELEV: 950.801

BM 36997
BM SET MAG SPIKE FACE PP 09-08588
STA 369+96.72, 86.173' LT
N: 203587.6000'
E: 679806.5000'
ELEV: 944.218

BM 37741
BM SET MAG SPIKE FACE PP 09-10486
STA 377+40.68, 88.308' LT
N: 204331.5000'
E: 679815.8000'
ELEV: 942.886

BM 38657
BM SET BOX TOP OF 60
STA 386+56.76, 77.087' LT
N: 205247.3000'
E: 679841.1000'
ELEV: 941.885

CURVE 160-13
PI STA = 391+16.95
Y = 205706.256
X = 679925.251
DELTA = 2°46'54" RT
D = 0°30'00"
T = 278.19'
L = 556.28'
R = 11458.55'
PC STA = 388+38.76
Y = 205428.095
X = 679920.975
PT STA = 393+95.04
Y = 205983.883
X = 679943.020
DB = N00°52'50"E
DA = N03°39'44"E

365
370
STH 164
N0°52'50"E 375
2832.38'
380
385
PC: 388+38.76
390
CURVE 160-13

CP 36978
CP FENO MONUMENT
STA 369+78.30, 62.712' RT
N: 203566.8880'
E: 679955.0850'
ELEV: 946.502

CP 37798
CP FENO MONUMENT
STA 377+97.55, 61.816' RT
N: 204386.0550'
E: 679966.7800'
ELEV: 949.074

CP 38658
CP FENO MONUMENT
STA 386+57.50, 61.056' RT
N: 205245.9210'
E: 679979.2380'
ELEV: 945.336

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	ALIGNMENT	SHEET 600	E

FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\027201A-AD.DWG
LAYOUT NAME - 08
PLOT DATE : 2/2/2026 11:56 AM
PLOT BY : SIPEK, KIRSTEN
PLOT NAME :
PLOT SCALE : 1 IN:200 FT
WISDOT/CADDS SHEET 42

2

N

BM 39417
BM SET BOX LP BASE
STA 394+17.39, 127.771' LT
N: 206014.1000'
E: 679816.9000'
ELEV: 947.287

CP 39421
CP FENO MONUMENT
STA 394+21.06, 75.831' LT
N: 206014.5280'
E: 679868.9660'
ELEV: 946.392

PC: 393+95.04

PT: 399+51.42

PI: 403+63.95

BM 40942
BM SET MAG SPIKE FACE PP 05-01474
STA 409+42.42, 57.599' LT
N: 207531.8000'
E: 679925.9000'
ELEV: 947.049

N3°39'44"E
0.10'
395
CURVE 160-14
400
N0°52'51"E
412.52'
405
STH 164
410
N1°11'45"E
1462.30'

CP 41110
CP FENO MONUMENT
STA 411+100.98, 61.208' RT
N: 207697.8480'
E: 680048.2000'
ELEV: 946.576

CURVE 160-14
PI STA = 396+73.33
Y = 206261.609
X = 679960.796
DELTA = 2°46'53" LT
D = 0°30'00"
T = 278.20'
L = 556.29'
R = 11459.12'
PC STA = 393+95.13
Y = 205983.978
X = 679943.026
PT STA = 399+51.42
Y = 206539.775
X = 679965.072
DB = N03°39'44"E
DA = N00°52'51"E

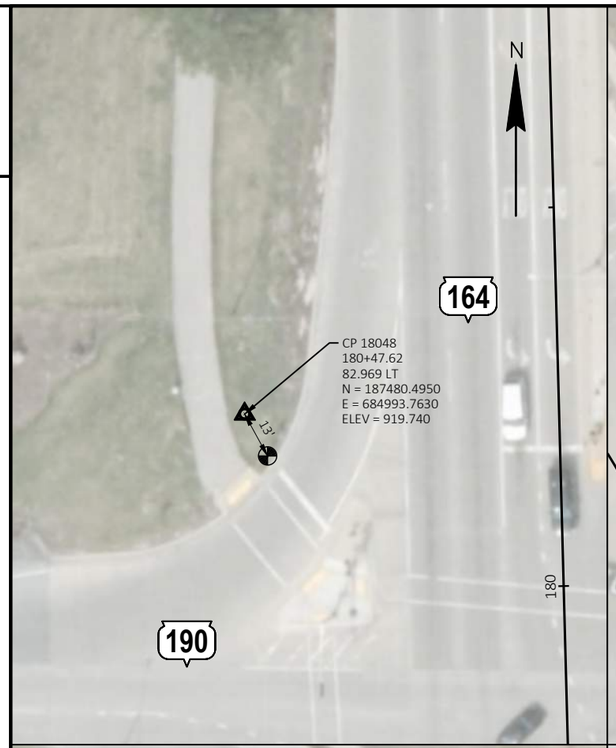
BM 40190
BM NW FLANGE BOLT HYD
STA 401+90.34, 69.364' RT
N: 206777.6000'
E: 680038.1000'
ELEV: 949.789

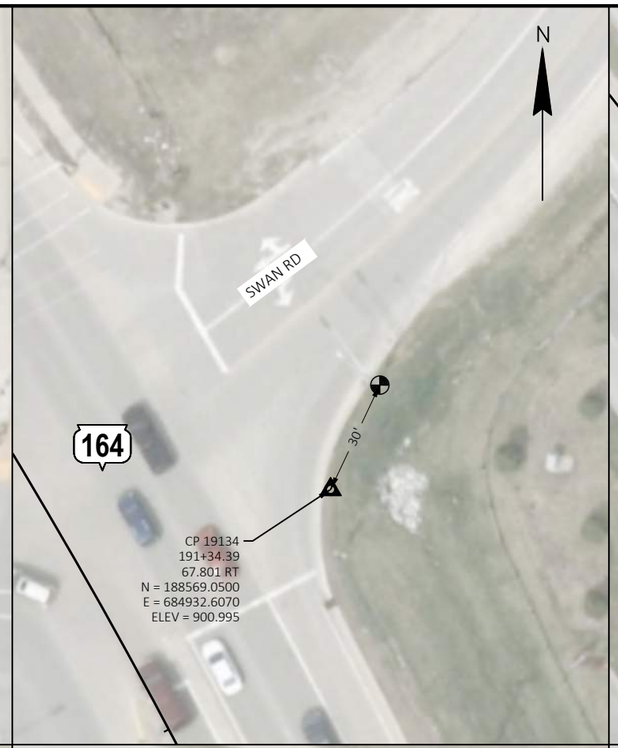
CP 40210
CP FENO MONUMENT
STA 402+09.89, 86.039' RT
N: 206796.8910'
E: 680055.0740'
ELEV: 947.668

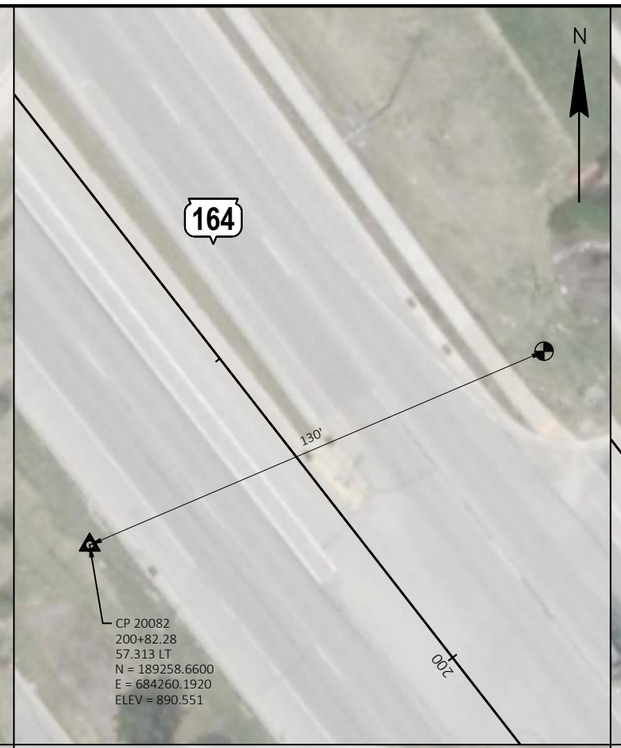
END PROJECT
STA 408+00

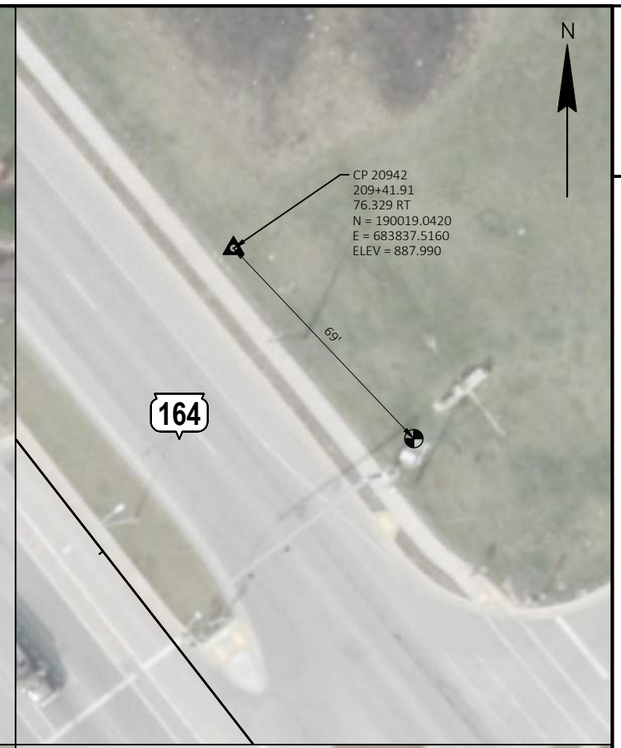
PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	ALIGNMENT	SHEET 601	E

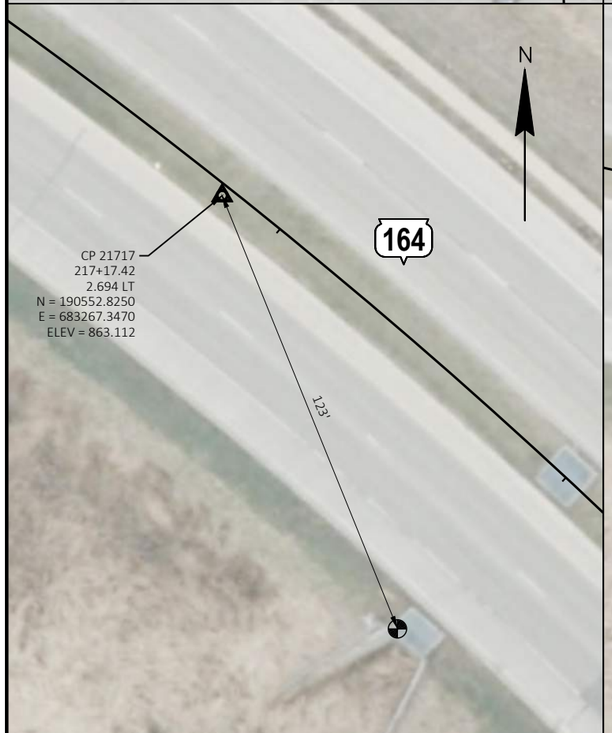
FILE NAME : N:\PDS\C3D\23700005\SHEETSPLAN\027201A-AD.DWG
LAYOUT NAME - 09
PLOT DATE : 2/2/2026 11:56 AM
PLOT BY : SIPEK, KIRSTEN
PLOT NAME :
PLOT SCALE : 1 IN:200 FT
WISDOT/CADDS SHEET 42

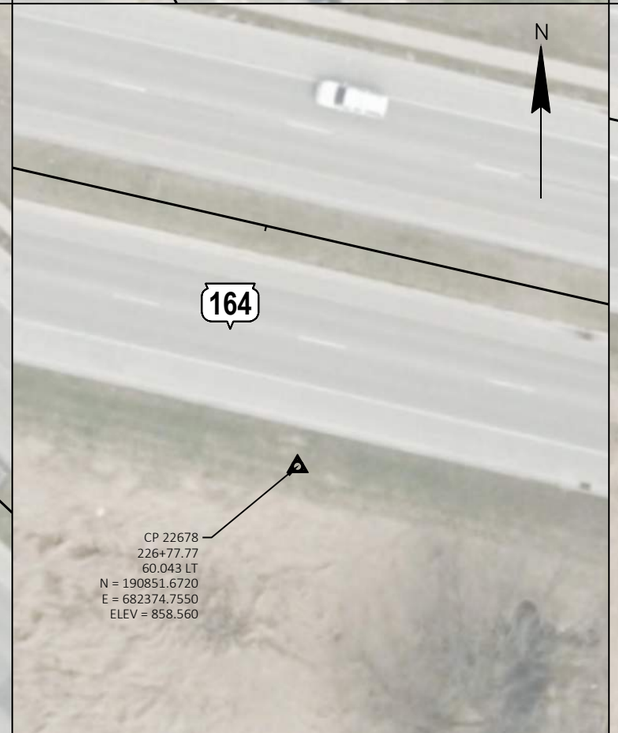


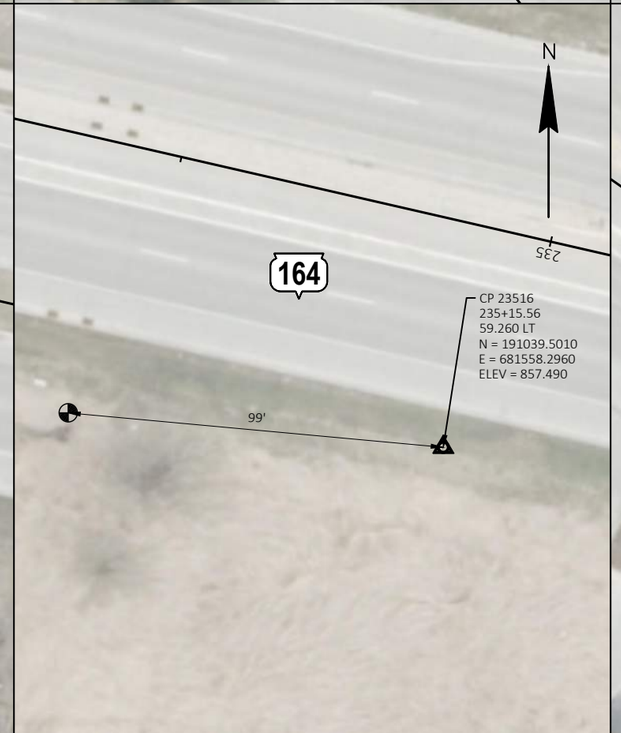






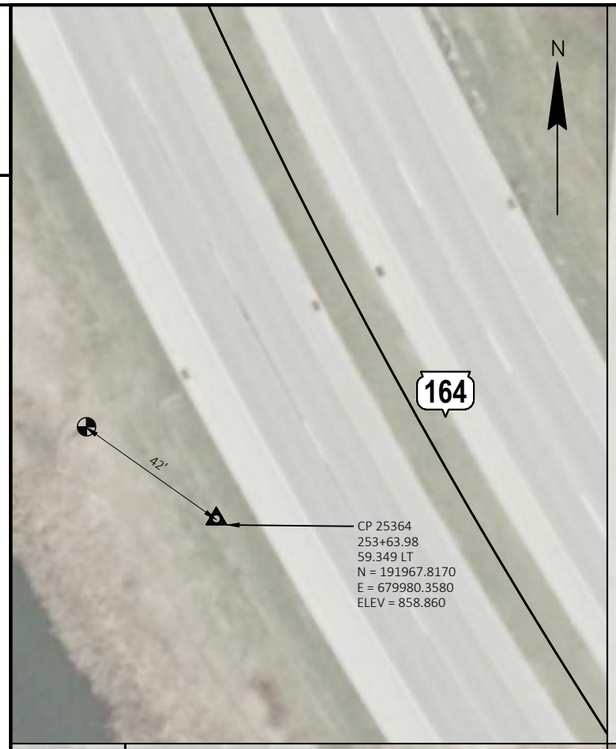


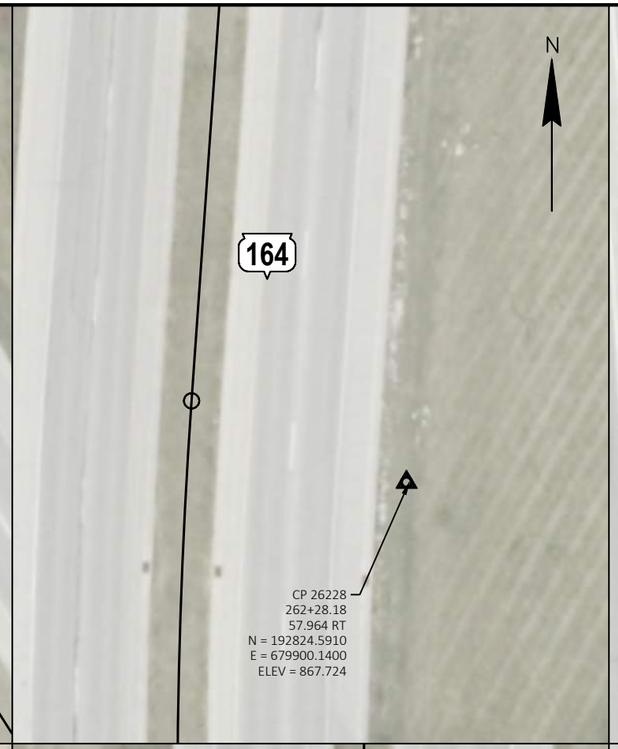


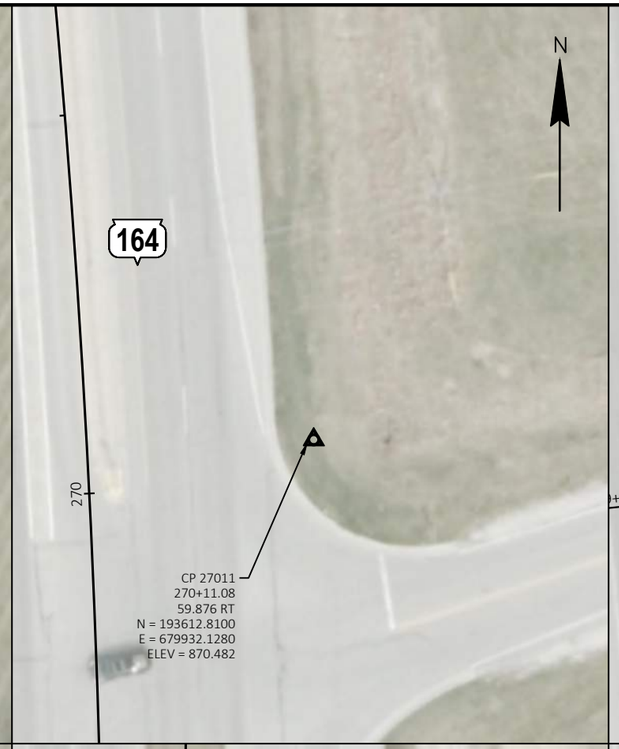


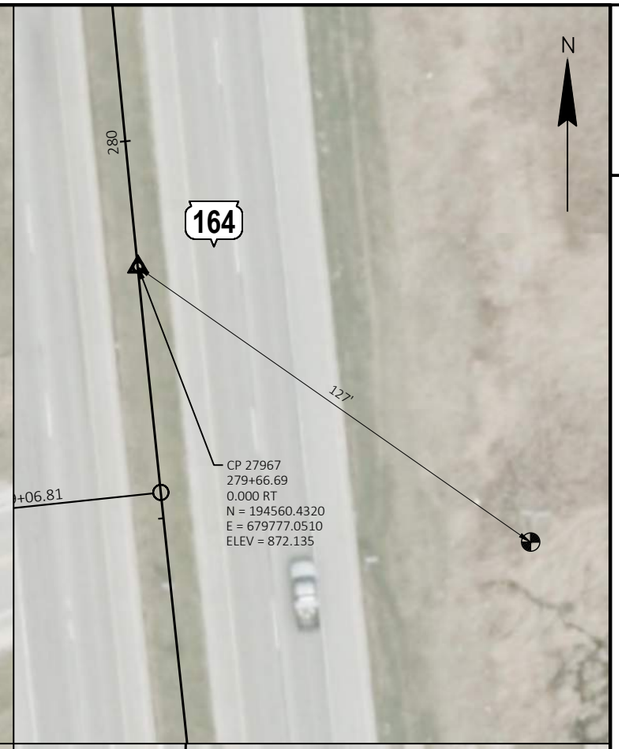
2

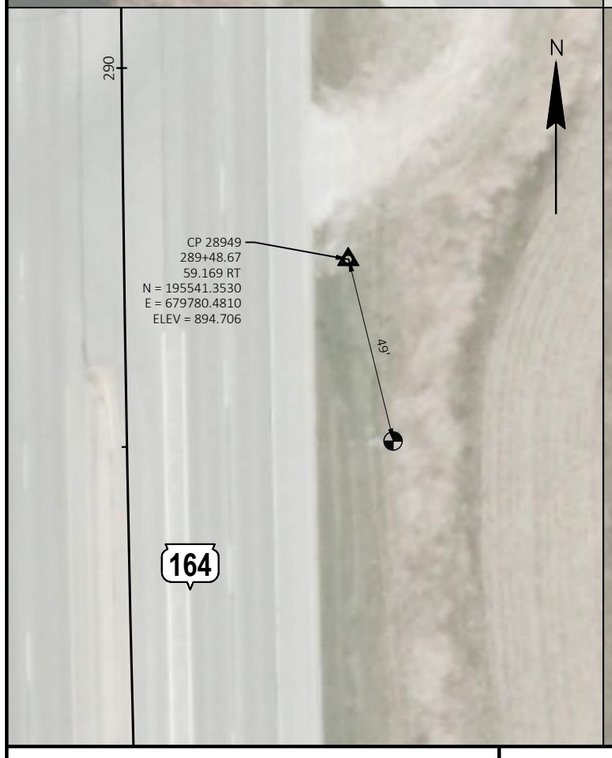
PROJECT NO: 2370-00-05	HWY: STH 164	COUNTY: WAUKESHA & WASHINGTON	CONTROL POINTS	SHEET 602 E

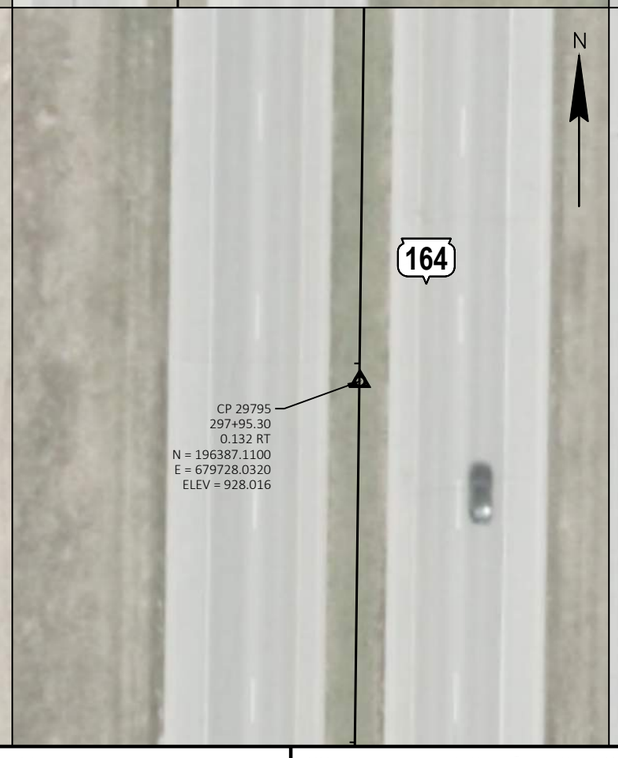


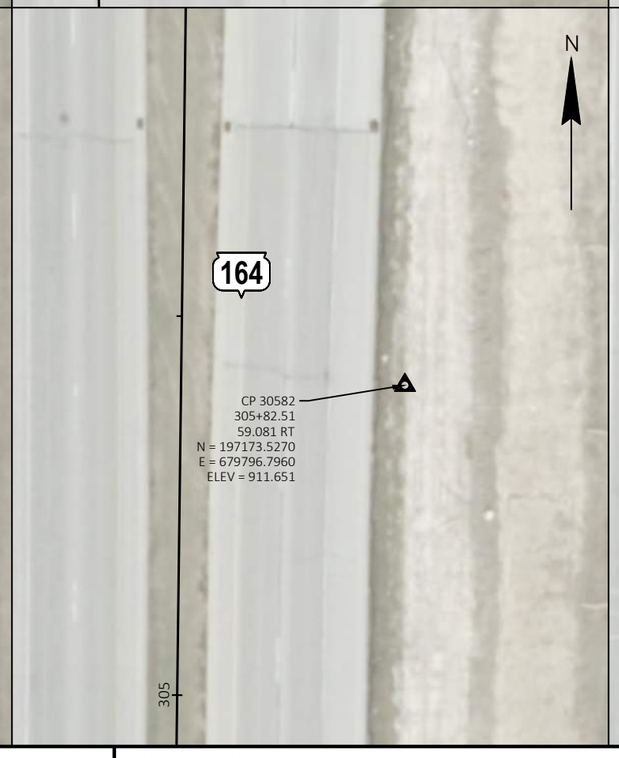


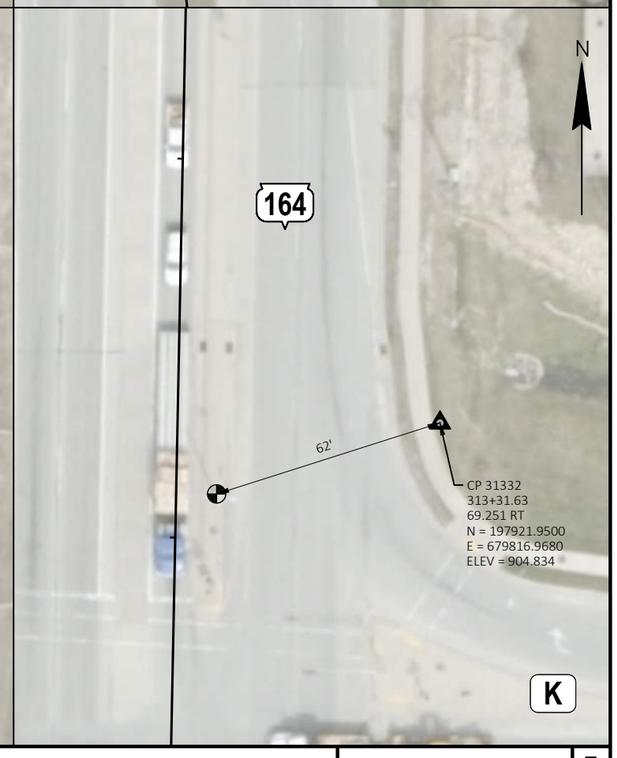




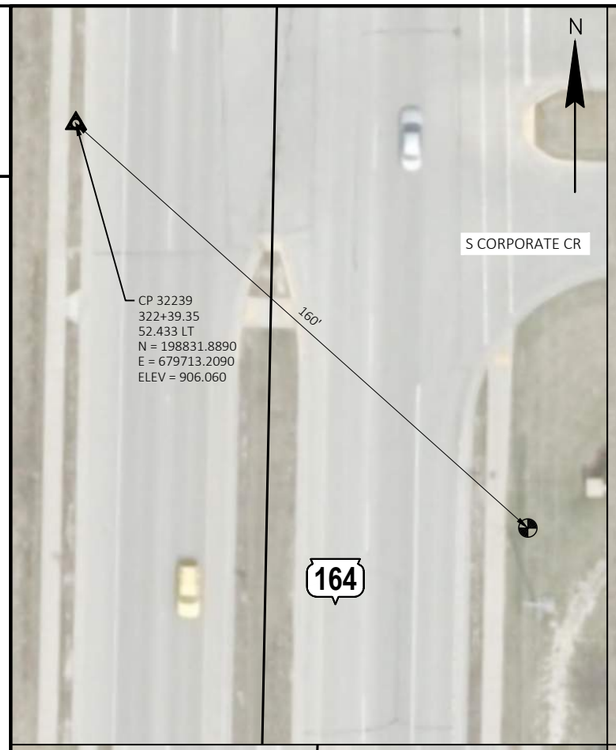


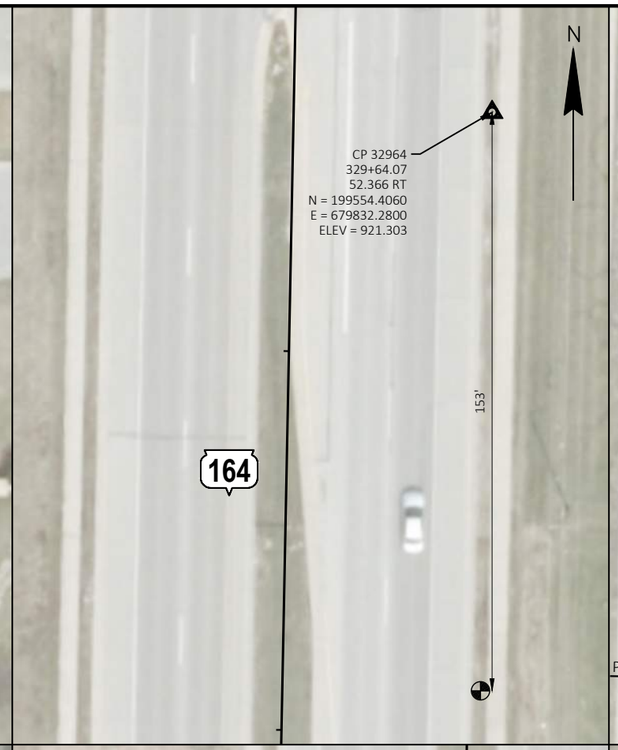


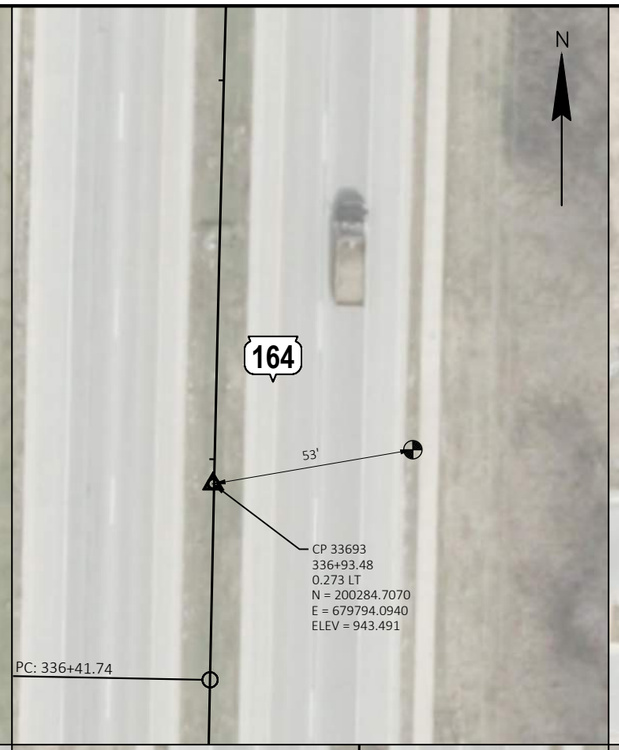




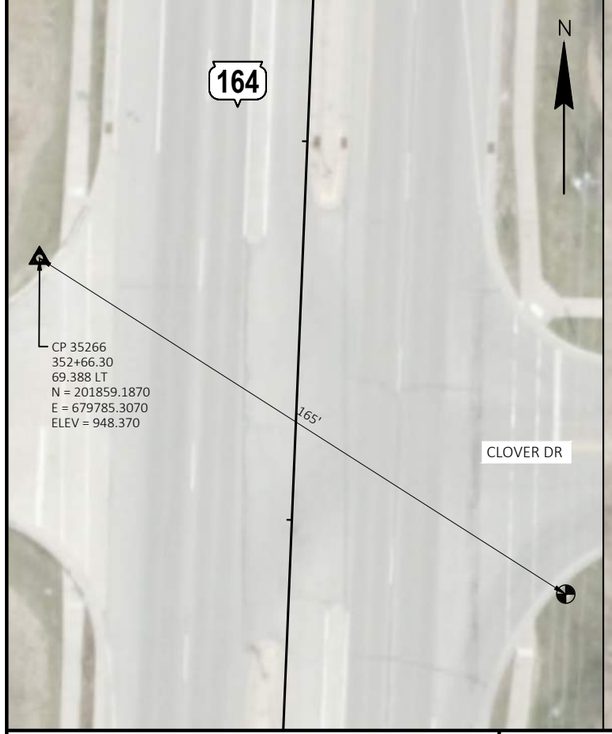
PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA & WASHINGTON	CONTROL POINTS	SHEET 603	E

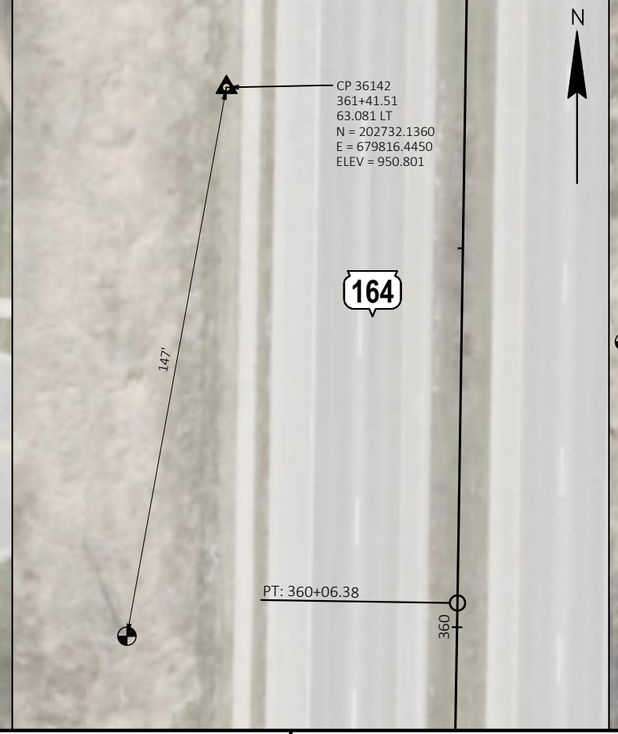

N
S CORPORATE CR
CP 32239
322+39.35
52.433 LT
N = 198831.8890
E = 679713.2090
ELEV = 906.060
160'
164

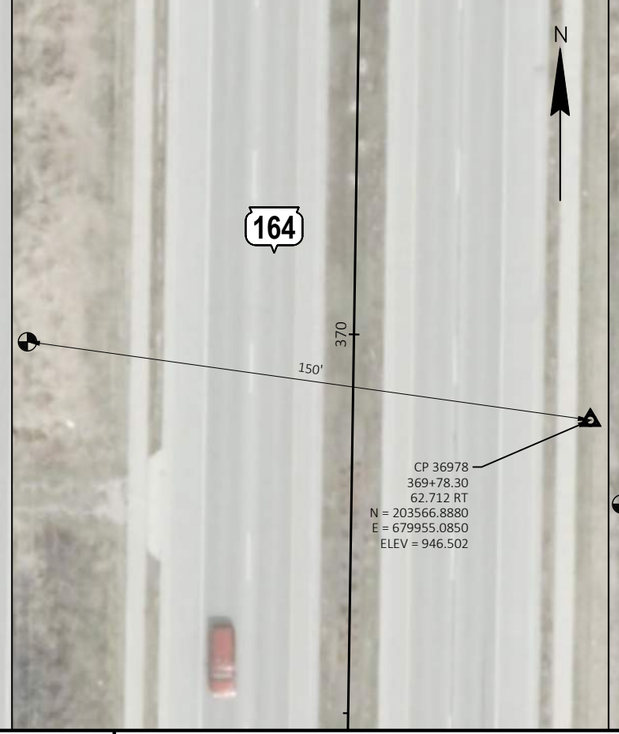

N
CP 32964
329+64.07
52.366 RT
N = 199554.4060
E = 679832.2800
ELEV = 921.303
153'
164

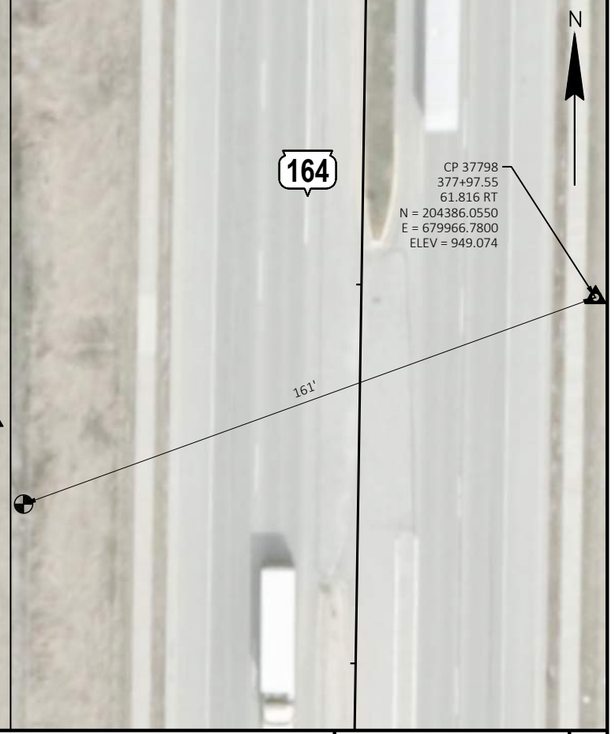

N
164
53'
CP 33693
336+93.48
0.273 LT
N = 200284.7070
E = 679794.0940
ELEV = 943.491
PC: 336+41.74

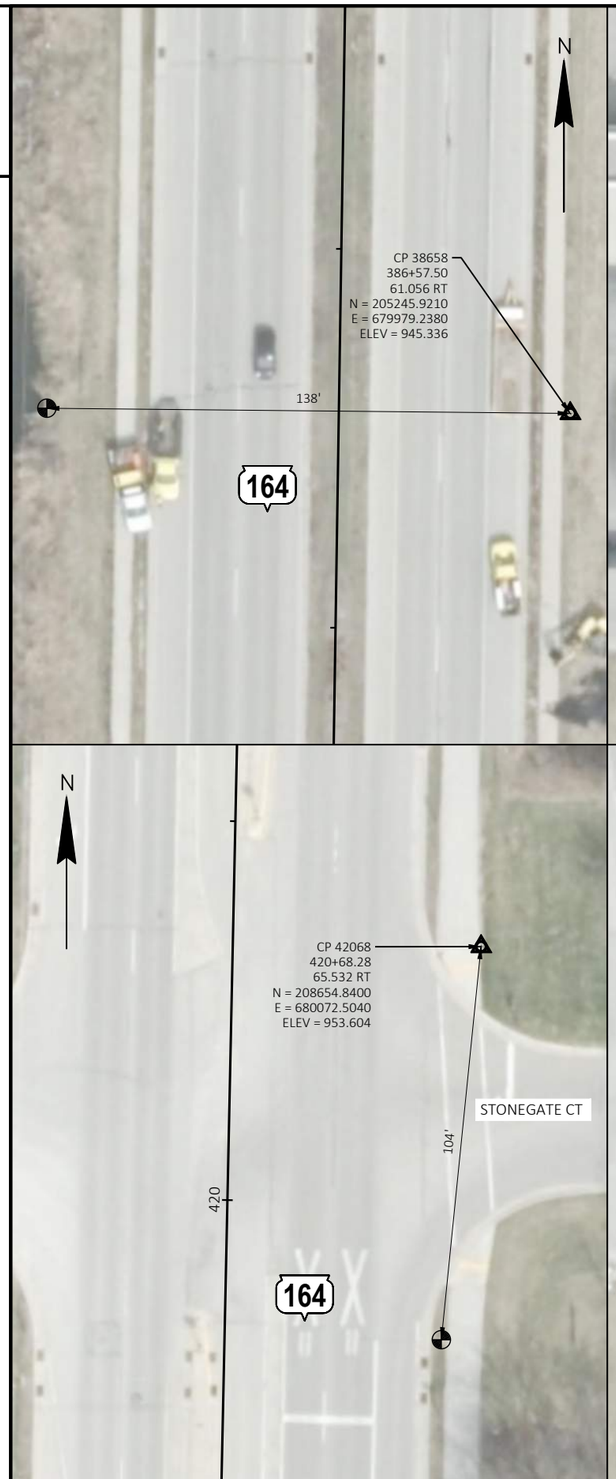
345
N
164
CP 34396
343+95.91
74.315 LT
N = 200989.6330
E = 679744.7460
ELEV = 948.324
RICHMOND RD

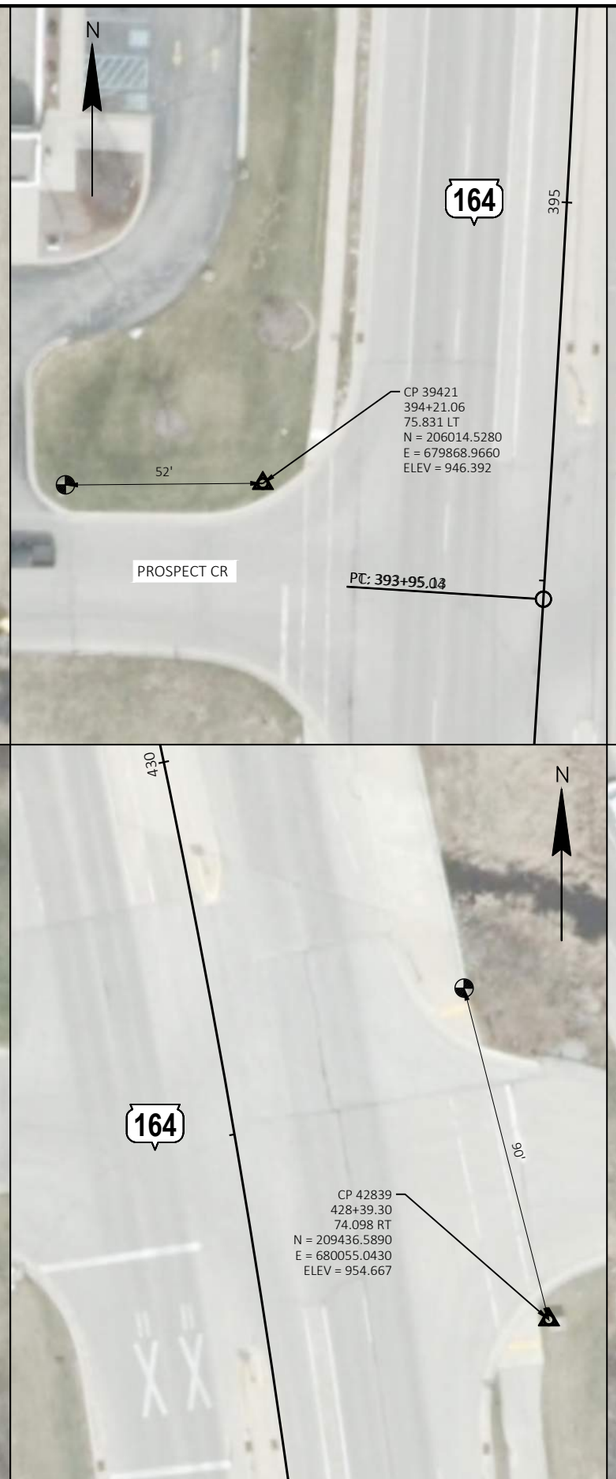

N
164
CP 35266
352+66.30
69.388 LT
N = 201859.1870
E = 679785.3070
ELEV = 948.370
165'
CLOVER DR

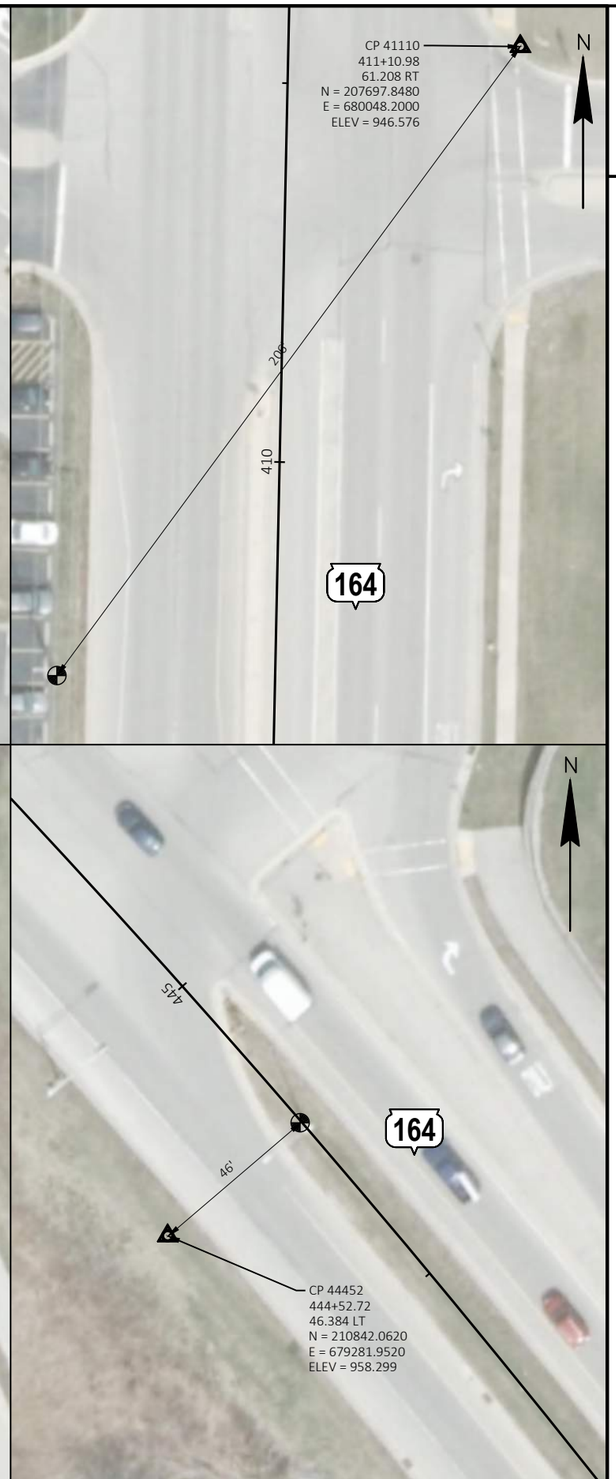

N
CP 36142
361+41.51
63.081 LT
N = 202732.1360
E = 679816.4450
ELEV = 950.801
164
147'
PT: 360+06.38
360


N
164
370
150'
CP 36978
369+78.30
62.712 RT
N = 203566.8880
E = 679955.0850
ELEV = 946.502


N
164
CP 37798
377+97.55
61.816 RT
N = 204386.0550
E = 679966.7800
ELEV = 949.074
161'







PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA & WASHINGTON	CONTROL POINTS	SHEET 605	E

Estimate Of Quantities

2370-00-75

Line	Item	Item Description	Unit	Total	Qty
0002	108.4400	CPM Progress Schedule	EACH	1.000	1.000
0004	201.0105	Clearing	STA	1.000	1.000
0006	201.0205	Grubbing	STA	1.000	1.000
0008	204.0100	Removing Concrete Pavement	SY	1,330.000	1,330.000
0010	204.0109.S	Removing Concrete Surface Partial Depth	SF	29,800.000	29,800.000
0012	204.0110	Removing Asphaltic Surface	SY	500.000	500.000
0014	204.0115	Removing Asphaltic Surface Butt Joints	SY	270.000	270.000
0016	204.0120	Removing Asphaltic Surface Milling	SY	256,800.000	256,800.000
0018	204.0150	Removing Curb & Gutter	LF	2,070.000	2,070.000
0020	204.0155	Removing Concrete Sidewalk	SY	2,320.000	2,320.000
0022	204.0165	Removing Guardrail	LF	570.000	570.000
0024	204.0195	Removing Concrete Bases	EACH	56.000	56.000
0026	204.0245	Removing Storm Sewer (size) 01. 18-Inch	LF	6.000	6.000
0028	204.9060.S	Removing (item description) 01. Removing Traffic Signals STH 164 & Swan Road	EACH	1.000	1.000
0030	204.9060.S	Removing (item description) 02. Removing Traffic Signals STH 164 & Costco Dwy	EACH	1.000	1.000
0032	204.9060.S	Removing (item description) 03. Removing Traffic Signals STH 164 & CTH K (Lisbon Road)	EACH	1.000	1.000
0034	204.9060.S	Removing (item description) 04. Removing Traffic Signals STH 164 & CTH VV (Main St)	EACH	1.000	1.000
0036	204.9060.S	Removing (item description) 05. Removing Loop Detector Wire and Lead-In Cable STH 164 & Swan Road	EACH	1.000	1.000
0038	204.9060.S	Removing (item description) 06. Removing Loop Detector Wire and Lead-In Cable STH 164 & Costco Dwy	EACH	1.000	1.000
0040	204.9060.S	Removing (item description) 07. Removing Loop Detector Wire and Lead-In Cable STH 164 & CTH K (Lisbon Road)	EACH	1.000	1.000
0042	204.9060.S	Removing (item description) 08. Removing Loop Detector Wire and Lead-In Cable STH 164 & CTH VV (Main St)	EACH	1.000	1.000
0044	205.0100	Excavation Common	CY	78.000	78.000
0046	213.0100	Finishing Roadway (project) 01. 2370-00-75	EACH	1.000	1.000
0048	305.0110	Base Aggregate Dense 3/4-Inch	TON	130.000	130.000
0050	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	46.000	46.000
0052	310.0110	Base Aggregate Open-Graded	TON	43.000	43.000
0054	311.0110	Breaker Run	TON	54.000	54.000
0056	390.0405	Base Patching Concrete SHES	CY	93.000	93.000
0058	416.0610	Drilled Tie Bars	EACH	1,029.000	1,029.000
0060	416.0620	Drilled Dowel Bars	EACH	2,044.000	2,044.000
0062	416.1725	Concrete Pavement Replacement SHES	SY	1,380.000	1,380.000
0064	455.0605	Tack Coat	GAL	16,620.000	16,620.000
0066	460.0105.S	HMA Percent Within Limits (PWL) Test Strip Volumetrics	EACH	4.000	4.000
0068	460.6223	HMA Pavement 3 MT 58-28 S	TON	27,650.000	27,650.000
0070	460.6224	HMA Pavement 4 MT 58-28 S	TON	21,500.000	21,500.000
0072	465.0315	Asphaltic Flumes	SY	5.000	5.000
0074	522.1018	Apron Endwalls for Culvert Pipe Reinforced Concrete 18-Inch	EACH	1.000	1.000
0076	601.0407	Concrete Curb & Gutter 18-Inch Type D	LF	7.000	7.000
0078	601.0555	Concrete Curb & Gutter 6-Inch Sloped 36-Inch Type A	LF	92.000	92.000
0080	601.0557	Concrete Curb & Gutter 6-Inch Sloped 36-Inch Type D	LF	2,058.000	2,058.000
0082	601.0600	Concrete Curb Pedestrian	LF	90.000	90.000
0084	602.0410	Concrete Sidewalk 5-Inch	SF	20,680.000	20,680.000
0086	602.0505	Curb Ramp Detectable Warning Field Yellow	SF	272.000	272.000
0088	602.0605	Curb Ramp Detectable Warning Field Radial Yellow	SF	346.000	346.000
0090	611.0410	Reconstructing Catch Basins	EACH	24.000	24.000

2370-00-75

Line	Item	Item Description	Unit	Total	Qty
0092	611.0615	Inlet Covers Type F	EACH	53.000	53.000
0094	611.8105	Adjusting Catch Basin Covers	EACH	29.000	29.000
0096	611.8110	Adjusting Manhole Covers	EACH	22.000	22.000
0098	611.8120.S	Cover Plates Temporary	EACH	49.000	49.000
0100	614.0200	Steel Thrie Beam Structure Approach	LF	82.400	82.400
0102	614.0220	Steel Thrie Beam Bullnose Terminal	EACH	2.000	2.000
0104	614.2300	MGS Guardrail 3	LF	78.100	78.100
0106	614.2330	MGS Guardrail 3 K	LF	12.500	12.500
0108	614.2350	MGS Guardrail Short Radius	LF	13.000	13.000
0110	614.2500	MGS Thrie Beam Transition	LF	78.800	78.800
0112	614.2610	MGS Guardrail Terminal EAT	EACH	2.000	2.000
0114	614.2620	MGS Guardrail Terminal Type 2	EACH	1.000	1.000
0116	614.2630	MGS Guardrail Short Radius Terminal	EACH	1.000	1.000
0118	619.1000	Mobilization	EACH	1.000	1.000
0120	625.0100	Topsoil	SY	190.000	190.000
0122	625.0500	Salvaged Topsoil	SY	670.000	670.000
0124	627.0200	Mulching	SY	36.000	36.000
0126	628.1104	Erosion Bales	EACH	35.000	35.000
0128	628.1504	Silt Fence	LF	984.000	984.000
0130	628.1520	Silt Fence Maintenance	LF	984.000	984.000
0132	628.1905	Mobilizations Erosion Control	EACH	4.000	4.000
0134	628.1910	Mobilizations Emergency Erosion Control	EACH	6.000	6.000
0136	628.2008	Erosion Mat Urban Class I Type B	SY	898.000	898.000
0138	628.7005	Inlet Protection Type A	EACH	1.000	1.000
0140	628.7015	Inlet Protection Type C	EACH	182.000	182.000
0142	628.7020	Inlet Protection Type D	EACH	85.000	85.000
0144	629.0210	Fertilizer Type B	CWT	0.500	0.500
0146	630.0130	Seeding Mixture No. 30	LB	42.000	42.000
0148	630.0200	Seeding Temporary	LB	17.000	17.000
0150	630.0500	Seed Water	MGAL	61.000	61.000
0152	634.0618	Posts Wood 4x6-Inch X 18-FT	EACH	257.000	257.000
0154	634.0814	Posts Tubular Steel 2x2-Inch X 14-FT	EACH	5.000	5.000
0156	637.2210	Signs Type II Reflective H	SF	3,442.070	3,442.070
0158	637.2215	Signs Type II Reflective H Folding	SF	216.340	216.340
0160	637.2230	Signs Type II Reflective F	SF	173.000	173.000
0162	638.2102	Moving Signs Type II	EACH	4.000	4.000
0164	638.2602	Removing Signs Type II	EACH	300.000	300.000
0166	638.3000	Removing Small Sign Supports	EACH	254.000	254.000
0168	643.0300	Traffic Control Drums	DAY	326,670.000	326,670.000
0170	643.0420	Traffic Control Barricades Type III	DAY	15,901.000	15,901.000
0172	643.0705	Traffic Control Warning Lights Type A	DAY	30,182.000	30,182.000
0174	643.0715	Traffic Control Warning Lights Type C	DAY	15,951.000	15,951.000
0176	643.0810	Traffic Control Connected Arrow Boards	DAY	602.000	602.000
0178	643.0900	Traffic Control Signs	DAY	44,549.000	44,549.000
0180	643.0920	Traffic Control Covering Signs Type II	EACH	2.000	2.000
0182	643.1000	Traffic Control Signs Fixed Message	SF	4.000	4.000
0184	643.1050	Traffic Control Signs PCMS	DAY	465.000	465.000
0186	643.1070	Traffic Control Cones 42-Inch	DAY	30,695.000	30,695.000
0188	643.1220	Traffic Control Connected Work Zone Start and End Location Markers	DAY	718.000	718.000

Estimate Of Quantities

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Line	Item	Item Description	Unit	Total	Qty
0190	643.3165	Temporary Marking Line Paint 6-Inch	LF	243,149.000	243,149.000
0192	643.3180	Temporary Marking Line Removable Tape 6-Inch	LF	127,136.000	127,136.000
0194	643.3265	Temporary Marking Line Paint 10-Inch	LF	28,029.000	28,029.000
0196	643.3280	Temporary Marking Line Removable Tape 10-Inch	LF	22,402.000	22,402.000
0198	643.3305	Temporary Marking Crosswalk Paint 6-inch	LF	1,846.000	1,846.000
0200	643.3350	Temporary Marking Crosswalk Removable Tape 6-Inch	LF	2,543.000	2,543.000
0202	643.3505	Temporary Marking Arrow Paint	EACH	54.000	54.000
0204	643.3550	Temporary Marking Arrow Removable Tape	EACH	56.000	56.000
0206	643.3605	Temporary Marking Word Paint	EACH	32.000	32.000
0208	643.3650	Temporary Marking Word Removable Tape	EACH	11.000	11.000
0210	643.3805	Temporary Marking Stop Line Paint 18-Inch	LF	1,806.000	1,806.000
0212	643.3850	Temporary Marking Stop Line Removable Tape 18-Inch	LF	910.000	910.000
0214	643.3960	Temporary Marking Removable Mask Out Tape 6-Inch	LF	9,733.000	9,733.000
0216	643.5000	Traffic Control	EACH	1.000	1.000
0218	644.1410	Temporary Pedestrian Surface Asphalt	SF	980.000	980.000
0220	644.1430	Temporary Pedestrian Surface Plate	SF	1,300.000	1,300.000
0222	644.1601	Temporary Pedestrian Curb Ramp	DAY	5,386.000	5,386.000
0224	644.1605	Temporary Pedestrian Detectable Warning Field	SF	812.000	812.000
0226	644.1810	Temporary Pedestrian Barricade	LF	5,468.000	5,468.000
0228	644.1900.S	Temporary Audible Message Devices	DAY	2,977.000	2,977.000
0230	646.1040	Marking Line Grooved Wet Ref Epoxy 4-Inch	LF	1,084.000	1,084.000
0232	646.2040	Marking Line Grooved Wet Ref Epoxy 6-Inch	LF	102,558.000	102,558.000
0234	646.3040	Marking Line Grooved Wet Ref Epoxy 8-Inch	LF	87.000	87.000
0236	646.4040	Marking Line Grooved Wet Ref Epoxy 10-Inch	LF	21,755.000	21,755.000
0238	646.5020	Marking Arrow Epoxy	EACH	51.000	51.000
0240	646.5120	Marking Word Epoxy	EACH	24.000	24.000
0242	646.6120	Marking Stop Line Epoxy 18-Inch	LF	896.000	896.000
0244	646.6220	Marking Yield Line Epoxy 18-Inch	EACH	31.000	31.000
0246	646.7420	Marking Crosswalk Epoxy Transverse Line 6-Inch	LF	2,921.000	2,921.000
0248	646.8120	Marking Curb Epoxy	LF	684.000	684.000
0250	646.8220	Marking Island Nose Epoxy	EACH	32.000	32.000
0252	646.9000	Marking Removal Line 4-Inch	LF	30,999.000	30,999.000
0254	646.9100	Marking Removal Line 8-Inch	LF	68.000	68.000
0256	650.5500	Construction Staking Curb Gutter and Curb & Gutter	LF	2,038.000	2,038.000
0258	650.8000	Construction Staking Resurfacing Reference	LF	20,975.000	20,975.000
0260	650.8501	Construction Staking Electrical Installations (project) 01. 2370-00-75	EACH	1.000	1.000
0262	650.9000	Construction Staking Curb Ramps	EACH	50.000	50.000
0264	650.9500	Construction Staking Sidewalk (project) 01. 2370-00-75	EACH	1.000	1.000
0266	650.9911	Construction Staking Supplemental Control (project) 01. 2370-00-75	EACH	1.000	1.000
0268	652.0225	Conduit Rigid Nonmetallic Schedule 40 2-Inch	LF	7,550.000	7,550.000
0270	652.0235	Conduit Rigid Nonmetallic Schedule 40 3-Inch	LF	1,694.000	1,694.000
0272	652.0605	Conduit Special 2-Inch	LF	148.000	148.000
0274	652.0615	Conduit Special 3-Inch	LF	3,564.000	3,564.000
0276	652.0800	Conduit Loop Detector	LF	7,156.000	7,156.000
0278	653.0154	Pull Boxes Non-Conductive 24x36-Inch	EACH	26.000	26.000
0280	653.0164	Pull Boxes Non-Conductive 24x42-Inch	EACH	43.000	43.000
0282	653.0905	Removing Pull Boxes	EACH	73.000	73.000
0284	654.0101	Concrete Bases Type 1	EACH	22.000	22.000
0286	654.0105	Concrete Bases Type 5	EACH	39.000	39.000

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Line	Item	Item Description	Unit	Total	Qty
0288	654.0110	Concrete Bases Type 10	EACH	3.000	3.000
0290	654.0120	Concrete Bases Type 10-Special	EACH	11.000	11.000
0292	654.0217	Concrete Control Cabinet Bases Type 9 Special	EACH	3.000	3.000
0294	655.0230	Cable Traffic Signal 5-14 AWG	LF	1,823.000	1,823.000
0296	655.0240	Cable Traffic Signal 7-14 AWG	LF	4,312.000	4,312.000
0298	655.0260	Cable Traffic Signal 12-14 AWG	LF	7,212.000	7,212.000
0300	655.0270	Cable Traffic Signal 15-14 AWG	LF	1,212.000	1,212.000
0302	655.0320	Cable Type UF 2-10 AWG Grounded	LF	6,585.000	6,585.000
0304	655.0515	Electrical Wire Traffic Signals 10 AWG	LF	5,642.000	5,642.000
0306	655.0615	Electrical Wire Lighting 10 AWG	LF	5,994.000	5,994.000
0308	655.0700	Loop Detector Lead In Cable	LF	26,482.000	26,482.000
0310	655.0800	Loop Detector Wire	LF	24,388.000	24,388.000
0312	655.0900	Traffic Signal EVP Detector Cable	LF	4,623.000	4,623.000
0314	656.0201	Electrical Service Meter Breaker Pedestal (location) 01. STH 164 & Swan Road	EACH	1.000	1.000
0316	656.0201	Electrical Service Meter Breaker Pedestal (location) 02. STH 164 & CTH K (Lisbon Road)	EACH	1.000	1.000
0318	656.0201	Electrical Service Meter Breaker Pedestal (location) 03. STH 164 & CTH VV (Main St)	EACH	1.000	1.000
0320	657.0100	Pedestal Bases	EACH	22.000	22.000
0322	657.0255	Transformer Bases Breakaway 11 1/2-Inch Bolt Circle	EACH	39.000	39.000
0324	657.0321	Poles Type 5-Steel	EACH	39.000	39.000
0326	657.0425	Traffic Signal Standards Aluminum 15-FT	EACH	16.000	16.000
0328	657.0430	Traffic Signal Standards Aluminum 10-FT	EACH	6.000	6.000
0330	657.0714	Luminaire Arms Truss Type 4-Inch Clamp 15-FT	EACH	50.000	50.000
0332	658.0173	Traffic Signal Face 3S 12-Inch	EACH	36.000	36.000
0334	658.0174	Traffic Signal Face 4S 12-Inch	EACH	34.000	34.000
0336	658.0416	Pedestrian Signal Face 16-Inch	EACH	22.000	22.000
0338	658.0500	Pedestrian Push Buttons	EACH	22.000	22.000
0340	658.5070	Signal Mounting Hardware (location) 01. STH 164 & Swan Road	EACH	1.000	1.000
0342	658.5070	Signal Mounting Hardware (location) 02. STH 164 & Costco Dwy	EACH	1.000	1.000
0344	658.5070	Signal Mounting Hardware (location) 03. STH 164 & CTH K (Lisbon Road)	EACH	1.000	1.000
0346	658.5070	Signal Mounting Hardware (location) 04. STH 164 & CTH VV (Main St)	EACH	1.000	1.000
0348	659.1125	Luminaires Utility LED C	EACH	51.000	51.000
0350	659.5000.S	Lamp, Ballast, LED, Switch Disposal by Contractor	EACH	97.000	97.000
0352	661.0201	Temporary Traffic Signals for Intersections (location) 01. STH 164 & Swan Road	EACH	1.000	1.000
0354	661.0201	Temporary Traffic Signals for Intersections (location) 02. STH 164 & CTH K (Lisbon Road)	EACH	1.000	1.000
0356	661.0201	Temporary Traffic Signals for Intersections (location) 03. STH 164 & CTH VV (Main St)	EACH	1.000	1.000
0358	661.0300	Generators	DAY	6.000	6.000
0360	677.0200	Install Camera Assembly	EACH	3.000	3.000
0362	690.0150	Sawing Asphalt	LF	6,220.000	6,220.000
0364	690.0250	Sawing Concrete	LF	2,130.000	2,130.000
0366	ASP.1T0A	On-the-Job Training Apprentice at $5.00/HR	HRS	3,200.000	3,200.000
0368	ASP.1T0G	On-the-Job Training Graduate at $5.00/HR	HRS	9,600.000	9,600.000
0370	SPV.0055	Special 01. Incentive Density PWL HMA Pavement Core Only	DOL	24,237.000	24,237.000
0372	SPV.0055	Special 02. PWL Incentive Air Voids HMA Pavement Core Only	DOL	49,141.000	49,141.000
0374	SPV.0055	Special 03. HMA Pavement Longitudinal Joint Density, Core Only Project	DOL	7,574.000	7,574.000
0376	SPV.0060	Special 01. Field Facilities Office Space	EACH	1.000	1.000
0378	SPV.0060	Special 02. Drainage Clean Storm Sewer Structures	EACH	16.000	16.000
0380	SPV.0060	Special 03. Curb Ramps Grading, Shaping and Finishing	EACH	36.000	36.000

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Line	Item	Item Description	Unit	Total	Qty
0382	SPV.0060	Special 04. Adjusting Water Valve Boxes	EACH	1.000	1.000
0384	SPV.0060	Special 05. Cleaning Endwalls	EACH	15.000	15.000
0386	SPV.0060	Special 06. Section Corner Monuments	EACH	2.000	2.000
0388	SPV.0060	Special 07. Utility Line Opening (ULO)	EACH	10.000	10.000
0390	SPV.0060	Special 10. Remove Sanitary Sewer Structures	EACH	1.000	1.000
0392	SPV.0060	Special 11. Salvage Sanitary Sewer Structures	EACH	10.000	10.000
0394	SPV.0060	Special 16. Watermain - Remove and Replace Valve Box Top Section and Lid, 6-Inch	EACH	5.000	5.000
0396	SPV.0060	Special 17. Watermain - Remove and Replace Valve Box Top Section and Lid, 8-Inch	EACH	1.000	1.000
0398	SPV.0060	Special 18. Watermain - Remove and Replace Valve Box Top Section and Lid, 12-Inch	EACH	7.000	7.000
0400	SPV.0060	Special 19. Watermain - Remove Vault and Replace with Entire Valve Box and Lid, 12-Inch	EACH	3.000	3.000
0402	SPV.0060	Special 20. Install Poles Type 9	EACH	2.000	2.000
0404	SPV.0060	Special 21. Install Poles Type 10	EACH	1.000	1.000
0406	SPV.0060	Special 22. Install Poles Type 9 Special	EACH	5.000	5.000
0408	SPV.0060	Special 23. Install Poles Type 9 Special Over-Height	EACH	6.000	6.000
0410	SPV.0060	Special 24. Install Monotube Arms 15-FT	EACH	2.000	2.000
0412	SPV.0060	Special 25. Install Monotube Arms 30-FT	EACH	1.000	1.000
0414	SPV.0060	Special 26. Install Monotube Arms 40-FT Special	EACH	4.000	4.000
0416	SPV.0060	Special 27. Install Monotube Arms 45-FT Special	EACH	7.000	7.000
0418	SPV.0060	Special 28. Install Luminaire Arms Steel 15-FT	EACH	1.000	1.000
0420	SPV.0060	Special 29. Transport & Install State Furnished Traffic Signal Cabinet STH 164 & Swan Rd	EACH	1.000	1.000
0422	SPV.0060	Special 30. Transport & Install State Furnished Traffic Signal Cabinet STH 164 & CTH K.	EACH	1.000	1.000
0424	SPV.0060	Special 31. Transport & Install State Furnished Traffic Signal Cabinet STH 164 & CTH VV	EACH	1.000	1.000
0426	SPV.0060	Special 32. Transport & Install State Furnished Radar Detection System STH 164 & Swan Rd	EACH	1.000	1.000
0428	SPV.0060	Special 33. Transport & Install State Furnished Radar Detection System STH 164 & Costco	EACH	1.000	1.000
0430	SPV.0060	Special 34. Transport & Install State Furnished Radar Detection System STH 164 & CTH K	EACH	1.000	1.000
0432	SPV.0060	Special 35. Transport & Install State Furnished Radar Detection System STH 164 & CTH VV	EACH	1.000	1.000
0434	SPV.0060	Special 36. Transport Traffic Signal & Intersection Lighting Materials STH 164 & Swan Rd	EACH	1.000	1.000
0436	SPV.0060	Special 37. Transport Traffic Signal & Intersection Lighting Materials STH 164 & CTH K	EACH	1.000	1.000
0438	SPV.0060	Special 38. Transport Traffic Signal & Intersection Lighting Materials STH 164 & CTH VV	EACH	1.000	1.000
0440	SPV.0060	Special 39. Transport & Install State Furnished EVP Heads STH 164 & Swan Rd	EACH	4.000	4.000
0442	SPV.0060	Special 40. Transport & Install State Furnished EVP Heads STH 164 & CTH K	EACH	4.000	4.000
0444	SPV.0060	Special 41. Transport & Install State Furnished EVP Heads STH 164 & CTH VV	EACH	4.000	4.000
0446	SPV.0060	Special 42. Temporary Emergency Vehicle Preemption System STH 164 & Swan Rd	EACH	4.000	4.000
0448	SPV.0060	Special 43. Temporary Emergency Vehicle Preemption System STH 164 & CTH K	EACH	4.000	4.000
0450	SPV.0060	Special 44. Temporary Emergency Vehicle Preemption System STH 164 & CTH VV	EACH	4.000	4.000
0452	SPV.0060	Special 45. Remove, Salvage, & Reinstall Fiber Optic Interconnect STH 164 & Swan Road	EACH	1.000	1.000
0454	SPV.0060	Special 46. Remove, Salvage, & Reinstall Fiber Optic Interconnect STH 164 & Costco Dr	EACH	1.000	1.000
0456	SPV.0060	Special 47. Install Conduit Into Existing Item	EACH	8.000	8.000

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LOCATION		CLEARING 201.0105	GRUBBING 201.0205
STATION	ROAD	STA	STA
258+00	164	1	1
TOTAL		**1**	**1**

LOCATION		REMOVING CONCRETE PAVEMENT 204.0100	CURB & GUTTER 204.0150	SIDEWALK 204.0155	SURFACE PARTIAL DEPTH 204.0109.S
STATION	ROAD	SY	LF	SY	SF
187+90 to 198+25	164	460	30	260	3,300
198+25 to 255+00	164	-	270	230	5,300
255+00 to 280+00	164	-	20	-	1,800
280+00 to 320+00	164	-	430	760	10,700
320+00 to 360+00	164	870	450	200	4,000
360+00 to 408+00	164	-	870	870	4,700
45+05 to 48+50	K	-	-	-	-
51+50 to 55+00	K	-	-	-	-
105+72 to 108+003	VV	-	-	-	-
112+00 to 114+73	VV	-	-	-	-
TOTAL		**1,330**	**2,070**	**2,320**	**29,800**

LOCATION		REMOVING ASPHALTIC SURFACE 204.0110	BUTT JOINTS 204.0115	MILLING 204.0120
STATION	ROAD	SY	SY	SY
187+90 to 198+25	164	50	-	-
198+25 to 255+00	164	60	50	52,900
255+00 to 280+00	164	0	10	22,800
280+00 to 320+00	164	100	10	47,000
320+00 to 360+00	164	100	120	51,700
360+00 to 408+00	164	190	20	49,200
45+05 to 48+50	K	-	10	9,200
51+50 to 55+00	K	-	20	8,900
105+72 to 108+003	VV	-	20	7,400
112+00 to 114+73	VV	-	10	7,700
TOTAL		**500**	**270**	**256,800**

LOCATION		REMOVING GUARDRAIL 204.0165
STATION	ROAD	LF
187+90 to 198+25	164	-
198+25 to 255+00	164	-
255+00 to 280+00	164	570
280+00 to 320+00	164	-
320+00 to 360+00	164	-
360+00 to 408+00	164	-
45+05 to 48+50	K	-
51+50 to 55+00	K	-
105+72 to 108+003	VV	-
112+00 to 114+73	VV	-
TOTAL		**570**

LOCATION		REMOVING STORM SEWER 18-INCH 204.0245
STATION	ROAD	LF
258+00 LT	164	6
TOTAL		**6**

LOCATION		* EXCAVATION COMMON 205.0100
STATION	ROAD	CY
187+90 to 198+25	164	8
198+25 to 255+00	164	9
255+00 to 280+00	164	1
280+00 to 320+00	164	15
320+00 to 360+00	164	15
360+00 to 408+00	164	30
45+05 to 48+50	K	-
51+50 to 55+00	K	-
105+72 to 108+003	VV	-
112+00 to 114+73	VV	-
TOTAL		**78**

* ADDITIONAL QUANTITIES ARE LOCATED ELSEWHERE IN PLAN

ALL ITEMS CATEGORY 1000
UNLESS OTHERWISE NOTED.

LOCATION		BASE AGGREGATE DENSE 3/4-INCH 305.0110 TON	BASE AGGREGATE DENSE 1 1/4-INCH 305.0120 TON	BASE AGGREGATE DENSE OPEN GRADED 310.0110 TON	BREAKER RUN 311.0110 TON
STATION	ROAD				
187+90 to 198+25	164	-	42	-	49
198+25 to 255+00	164	-	-	4	-
255+00 to 280+00	164	20	-	6	-
280+00 to 320+00	164	-	-	17	-
320+00 to 360+00	164	-	-	8	-
360+00 to 408+00	164	-	-	4	-
45+05 to 48+50	K	50	-	-	-
51+50 to 55+00	K	50	-	-	-
105+72 to 108+003	VV	-	-	-	-
112+00 to 114+73	VV	-	-	-	-
UNDISTRIBUTED		10	4	4	5
TOTAL		**130**	**46**	**43**	**54**

LOCATION		HMA PAVEMENT 3 MT 58-28 S 460.6223 TON	HMA PAVEMENT 4 MT 58-28 S 460.6224 TON	Tack Coat 455.0605 GAL
STATION	ROAD			
187+90 to 198+25	164	-	-	-
198+25 to 255+00	164	6,930	5,390	3,580
255+00 to 280+00	164	2,980	2,320	1,510
280+00 to 320+00	164	5,215	4,058	2,610
320+00 to 360+00	164	5,060	3,930	2,700
360+00 to 408+00	164	6,173	4,797	300
45+05 to 48+50	K	360	280	1,670
51+50 to 55+00	K	375	292	1,780
105+72 to 108+003	VV	252	196	1,230
112+00 to 114+73	VV	305	237	1,240
TOTAL		**27,650**	**21,500**	**16,620**

LIMITS	STATION			HMA PERCENT WITHIN LIMITS (PWL) TEST STRIP VOLUMETRICS 460.0105.S EA
PHASE 1	198+25	TO	280+00	2
PHASE 2	280+00	TO	408+00	2
	TOTAL			4

LOCATION		ASPHALTIC FLUMES 465.0315 SY
STATION	OFFSET	
274+12	51' LT	5
TOTAL		**5**

ALL ITEMS CATEGORY 1000
UNLESS OTHERWISE NOTED.

PWL Mixture Use Table								
Location	Station	Mixture Use:	Underlying Surface	Bid Item	Tons	Thickness	Quality Management Program to be used for:	
							Mixture Acceptance	Density Acceptance
Phase 1								
Two 12-foot Driving Lanes (each for NB and SB)	Station 198+25-408+00	Lower Layer	Existing HMA (Milled to 2.25-Inch remaining)	3 MT 58-28 S	5,391	2 1/4"	PWL Incentive Air Voids HMA Pavement Core Only SPV.0055.02	Incentive Density PWL HMA Pavement Core Only SPV.0055.01
		Upper Layer	3 MT 58-28 S	4 MT 58-28 S	4,193	1 3/4"	PWL Incentive Air Voids HMA Pavement Core Only SPV.0055.02	Incentive Density PWL HMA Pavement Core Only SPV.0055.01
4-foot Outside Shoulder (NB and SB)	Station 198+25-408+00	Lower Layer	Existing HMA (Milled to 2.25-Inch remaining)	3 MT 58-28 S	1,845	2 1/4"	PWL Incentive Air Voids HMA Pavement Core Only SPV.0055.02	Department Acceptance (SS 460.3.3.2) *Not eligible for incentive
		Upper Layer	3 MT 58-28 S	4 MT 58-28 S	1,435	1 3/4"	PWL Incentive Air Voids HMA Pavement Core Only SPV.0055.02	Department Acceptance (SS 460.3.3.2) *Not eligible for incentive
8-foot inside Shoulder (NB and SB)	Station 198+25-408+00	Lower Layer	Existing HMA (Milled to 2.25-Inch remaining)	3 MT 58-28 S	899	2 1/4"	PWL Incentive Air Voids HMA Pavement Core Only SPV.0055.02	Department Acceptance (SS 460.3.3.2) *Not eligible for incentive
		Upper Layer	3 MT 58-28 S	4 MT 58-28 S	699	1 3/4"	PWL Incentive Air Voids HMA Pavement Core Only SPV.0055.02	Department Acceptance (SS 460.3.3.2) *Not eligible for incentive
Turn Lanes, Median Openings, and Intersections	Varies	Lower Layer	Existing HMA (Milled to 2.25-Inch remaining)	3 MT 58-28 S	2,924	2 1/4"	PWL Incentive Air Voids HMA Pavement Core Only SPV.0055.02	Department Acceptance (SS 460.3.3.2) *Not eligible for incentive
		Upper Layer	3 MT 58-28 S	4 MT 58-28 S	2,274	1 3/4"	PWL Incentive Air Voids HMA Pavement Core Only SPV.0055.02	Department Acceptance (SS 460.3.3.2) *Not eligible for incentive

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PWL Mixture Use Table

Location	Station	Mixture Use:	Underlying Surface	Bid Item	Tons	Thickness	Quality Management Program to be used for: Mixture Acceptance	Quality Management Program to be used for: Density Acceptance
Phase 2								
Two 12-foot Driving Lanes (each for NB and SB)	Station 198+25-408+00	Lower Layer	Existing HMA (Milled to 2.25-Inch remaining)	3 MT 58-28 S	8,242	2 1/4"	PWL Incentive Air Voids HMA Pavement Core Only SPV.0055.02	Incentive Density PWL HMA Pavement Core Only SPV.0055.01
		Upper Layer	3 MT 58-28 S	4 MT 58-28 S	6,410	1 3/4"	PWL Incentive Air Voids HMA Pavement Core Only SPV.0055.02	Incentive Density PWL HMA Pavement Core Only SPV.0055.01
4-foot Outside Shoulder (NB and SB)	Station 198+25-408+00	Lower Layer	Existing HMA (Milled to 2.25-Inch remaining)	3 MT 58-28 S	2,821	2 1/4"	PWL Incentive Air Voids HMA Pavement Core Only SPV.0055.02	Department Acceptance (SS 460.3.3.2) *Not eligible for incentive
		Upper Layer	3 MT 58-28 S	4 MT 58-28 S	2,194	1 3/4"	PWL Incentive Air Voids HMA Pavement Core Only SPV.0055.02	Department Acceptance (SS 460.3.3.2) *Not eligible for incentive
8-foot inside Shoulder (NB and SB)	Station 198+25-408+00	Lower Layer	Existing HMA (Milled to 2.25-Inch remaining)	3 MT 58-28 S	1,374	2 1/4"	PWL Incentive Air Voids HMA Pavement Core Only SPV.0055.02	Department Acceptance (SS 460.3.3.2) *Not eligible for incentive
		Upper Layer	3 MT 58-28 S	4 MT 58-28 S	1,068	1 3/4"	PWL Incentive Air Voids HMA Pavement Core Only SPV.0055.02	Department Acceptance (SS 460.3.3.2) *Not eligible for incentive
Turn Lanes, Median Openings, and Intersections	Varies	Lower Layer	Existing HMA (Milled to 2.25-Inch remaining)	3 MT 58-28 S	1,989	2 1/4"	PWL Incentive Air Voids HMA Pavement Core Only SPV.0055.02	Department Acceptance (SS 460.3.3.2) *Not eligible for incentive
		Upper Layer	3 MT 58-28 S	4 MT 58-28 S	1,547	1 3/4"	PWL Incentive Air Voids HMA Pavement Core Only SPV.0055.02	Department Acceptance (SS 460.3.3.2) *Not eligible for incentive
Two 12-foot Driving Lanes (each for EB and WB)	CTH K (Station 45+07-54+71)	Lower Layer	Existing HMA (Milled to 2-Inch remaining)	3 MT 58-28 S	641	2 1/4"	PWL Incentive Air Voids HMA Pavement Core Only SPV.0055.02	Incentive Density PWL HMA Pavement Core Only SPV.0055.01
		Upper Layer	3 MT 58-28 S	4 MT 58-28 S	498	1 3/4"	PWL Incentive Air Voids HMA Pavement Core Only SPV.0055.02	Incentive Density PWL HMA Pavement Core Only SPV.0055.01
Turn Lanes, Shoulders, Median Openings, and Intersections	CTH K (Station 45+07-54+71)	Lower Layer	Existing HMA (Milled to 2-Inch remaining)	3 MT 58-28 S	318	2 1/4"	PWL Incentive Air Voids HMA Pavement Core Only SPV.0055.02	Department Acceptance (SS 460.3.3.2) *Not eligible for incentive
		Upper Layer	3 MT 58-28 S	4 MT 58-28 S	247	1 3/4"	PWL Incentive Air Voids HMA Pavement Core Only SPV.0055.02	Department Acceptance (SS 460.3.3.2) *Not eligible for incentive
Two 12-foot Driving Lanes (each for EB and WB)	CTH VV (Station 105+75-114+75	Lower Layer	Existing HMA (Milled to 2.5-Inch remaining)	3 MT 58-28 S	590	2 1/4"	PWL Incentive Air Voids HMA Pavement Core Only SPV.0055.02	Incentive Density PWL HMA Pavement Core Only SPV.0055.01
		Upper Layer	3 MT 58-28 S	4 MT 58-28 S	459	1 3/4"	PWL Incentive Air Voids HMA Pavement Core Only SPV.0055.02	Incentive Density PWL HMA Pavement Core Only SPV.0055.01
Turn Lanes, Shoulders, Median Openings, and Intersections	CTH VV (Station 105+75-114+75	Lower Layer	Existing HMA (Milled to 2.5-Inch remaining)	3 MT 58-28 S	608	2 1/4"	PWL Incentive Air Voids HMA Pavement Core Only SPV.0055.02	Department Acceptance (SS 460.3.3.2) *Not eligible for incentive
		Upper Layer	3 MT 58-28 S	4 MT 58-28 S	473	1 3/4"	PWL Incentive Air Voids HMA Pavement Core Only SPV.0055.02	Department Acceptance (SS 460.3.3.2) *Not eligible for incentive

LOCATION		BASE PATCHING CONCRETE SHES 390.0405	DRILLED TIE BARS 416.0610	DRILLED DOWEL BARS 416.0620	CONCRETE PAVEMENT REPLACEMENT SHES 416.1725	CONCRETE CURB & GUTTER 18-INCH TYPE D 601.0407	CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE A 601.0555	CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE D 601.0557	CONCRETE CURB PEDESTRIAN 601.0600	CONCRETE SIDEWALK 5-INCH 602.0410
STATION	ROAD	CY	EA	EA	SY	LF	LF	LF	LF	SF
187+90 to 198+25	164	-	146	325	510	-	-	28	-	2,380
198+25 to 255+00	164	13	169	374	-	7	-	314	58	2,010
255+00 to 280+00	164	8	-	-	-	-	-	6	-	-
280+00 to 320+00	164	38	386	608	-	-	-	483	-	6,750
320+00 to 360+00	164	-	56	-	870	-	92	357	32	2,000
360+00 to 408+00	164	17	272	497	-	-	-	870	-	7,540
45+05 to 48+50	K	-	0	73	-	-	-	-	-	-
51+50 to 55+00	K	-	0	103	-	-	-	-	-	-
105+72 to 108+003	VV	-	0	32	-	-	-	-	-	-
112+00 to 114+73	VV	17	0	32	-	-	-	-	-	-
TOTAL		**93**	**1,029**	**2,044**	**1,380**	**7**	**92**	**2,058**	**90**	**20,680**

LOCATION		CURB RAMPS DETECTABLE WARNING FIELD YELLOW 602.0505	CURB RAMPS DETECTABLE WARNING FIELD RADIAL 602.0605
STATION	ROAD	SF	SF
187+90 to 198+25	164	-	-
198+25 to 255+00	164	68	73
255+00 to 280+00	164	-	-
280+00 to 320+00	164	44	-
320+00 to 360+00	164	40	209
360+00 to 408+00	164	120	64
45+05 to 48+50	K	-	-
51+50 to 55+00	K	-	-
105+72 to 108+003	VV	-	-
112+00 to 114+73	VV	-	-
TOTAL		**272**	**346**

ALL ITEMS CATEGORY 1000
UNLESS OTHERWISE NOTED.

LOCATION		RECONSTRUCTING CATCH BASINS 611.0410	INLET COVERS TYPE F 611.0615	ADJUSTING CATCH BASIN COVERS 611.8105	ADJUSTING MANHOLE COVERS 611.8110	COVER PLATES TEMPORARY 611.8120.S	DRAINAGE CLEAN STORM SEWER STRUCTURES SPV.0060.02	CLEANING ENDWALLS SPV.0060.05
STATION	ROAD	EA	EA	EA	EA	EA	EA	EA
187+90 to 198+25	164	-	-	-	-	-	-	-
198+25 to 255+00	164	1	1	-	3	3	-	-
255+00 to 280+00	164	-	-	-	2	2	-	8
280+00 to 320+00	164	1	5	4	9	12	3	2
320+00 to 360+00	164	11	16	5	-	4	2	3
360+00 to 408+00	164	11	31	20	4	21	11	2
45+05 to 48+50	K	-	-	-	-	-	-	-
51+50 to 55+00	K	-	-	-	-	-	-	-
105+72 to 108+003	VV	-	-	-	-	-	-	-
112+00 to 114+73	VV	-	-	-	4	7	-	-
Total		**24**	**53**	**29**	**22**	**49**	**16**	**15**

LOCATION		APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE 18-INCH 522.1018
STATION	OFFSET	EA
STA 258+00	83' LT	1
Total		**1**

ALL ITEMS CATEGORY 1000
UNLESS OTHERWISE NOTED.

LOCATION		STEEL THRIE BEAM STRUCTURE APPROACH 614.0200	STEEL THRIE BEAM BULLNOSE TERMINAL 614.0220	MGS GUARDRAIL 3 614.2300	MGS GUARDRAIL 3 K 614.2330	MGS GUARDRAIL SHORT RADIUS 614.2350	MGS GUARDRAIL TERMINAL EAT 614.2610	MGS GUARDRAIL TERMINAL TYPE 2 614.2620	MGS GUARDRAIL SHORT RADIUS TERMINAL 614.2630	MGS THRIE BEAM TRANSITION 614.2500
STATION	OFFSET	LF	EA	LF	LF	LF	EA	EA	EA	LF
273+08	52' RT	-	-	-	-	-	1	-	-	-
273+50	51' RT	-	-	25	-	-	-	-	-	-
274+00	MEDIAN	41.2	1	-	-	-	-	-	-	-
274+23	51' RT	-	-	-	-	-	-	-	-	39.4
274+68	50' LT	-	-	-	-	-	-	-	-	39.4
275+00	MEDIAN	41.2	1	-	-	-	-	-	-	-
275+00	50' LT	-	-	28.1	12.5	13	-	-	-	-
275+25	70' LT	-	-	-	-	-	-	-	1	-
276+00	50' LT	-	-	25	-	-	-	1	-	-
276+25	51' LT	-	-	-	-	-	1	-	-	-
TOTAL		**82.4**	**2**	**78.1**	**12.5**	**13**	**2**	**1**	**1**	**78.8**

LOCATION	MOBILIZATIONS EROSION CONTROL 628.1905	MOBILIZATIONS EMERGENCY EROSION CONTROL 628.1910
STATION	EA	EA
Project 2370-00-75	4	6
TOTAL	**4**	**6**

ALL ITEMS CATEGORY 1000
UNLESS OTHERWISE NOTED.

LOCATION		EROSION CONTROL * TOPSOIL 625.0100	* SALVAGED TOPSOIL 625.0500	* MULCHING 627.0200	EROSION BALES 628.1104	SILT FENCE 628.1504	SILT FENCE MAINTENANCE 628.1520	* EROSION MAT URBAN CLASS I TYPE B 628.2008	INLET PROTECTION TYPE A 628.7005	INLET PROTECTION TYPE C 628.7015	INLET PROTECTION TYPE D 628.7020	* FERTILIZER TYPE B 629.0210	* SEEDING MIXTURE NO. 30 630.0130	SEEDING TEMPORARY 630.0200	* SEED WATER 630.0500
STATION	ROAD	SY	SY	SY	EA	LF	LF	SY	EA	EA	EA	CWT	LB	LB	MGAL
187+90 to 198+25	164	-	60	-	-	-	-	60	-	8	-	0.0	3	1	5
198+25 to 255+00	164	-	140	-	-	224	224	140	1	39	23	0.1	6	3	12
255+00 to 280+00	164	174	140	12	30	193	193	314	-	20	8	0.2	14	3	12
280+00 to 320+00	164	-	50	5	-	133	133	50	-	36	14	0.0	2	1	4
320+00 to 360+00	164	14	100	9	-	288	288	114	-	30	8	0.1	5	3	10
360+00 to 408+00	164	-	180	5	-	126	126	180	-	38	24	0.1	8	4	16
45+05 to 48+50	K	-	0	-	-	-	-	-	-	2	-	0.0	0	0	-
51+50 to 55+00	K	-	0	-	-	-	-	0	-	3	-	0.0	0	0	1
105+72 to 108+003	VV	-	0	-	-	-	-	-	-	2	-	0.0	0	0	-
112+00 to 114+73	VV	-	0	-	-	-	-	0	-	4	8	0.0	0	0	1
UNDISTRIBUTED		2	-	5	5	20	20	40	-		-	0.0	4	2	-
TOTAL		**190**	**670**	**36**	**35**	**984**	**984**	**898**	**1**	**182**	**85**	**0.5**	**42**	**17**	**61**

* ADDITIONAL QUANTITIES ARE LOCATED ELSEWHERE IN PLAN

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	MISCELLANEOUS QUANTITIES	SHEET:	E

FILE NAME : _____ PLOT DATE : _____ PLOT BY : _____ PLOT NAME : _____ PLOT SCALE : 1:1

3

		TEMPORARY PEDESTRIAN								*	
		SURFACE					DETECTABLE	TEMPORARY AUDIBLE		TRAFFIC CONTROL	
		ASPHALT	PLATE	CURB RAMP		BARRICADE	WARNING FIELD	MESSAGE DEVICES		SIGNS	
LOCATION		644.1410	644.1430	644.1601		644.1810	644.1605	644.1900.S		643.0900	
STATION	ROAD	SF	SF	#	DAY	LF	SF	#	DAY	#	DAY
Phase 1 - Stage 1											
187+90 to 198+25	164	-	-	-	-	-	-	-	-	-	-
198+25 to 255+00	164	-	40	4	52	35	20	2	26	4	52
255+00 to 280+00	164	-	-	-	-	-	-	-	-	-	-
SUBTOTAL		0	40		52	35	20		26		52
Phase 1 - Stage 2											
187+90 to 198+25	164	-	-	-	-	-	-	-	-	-	-
198+25 to 255+00	164	420	10	4	196	150	20	3	147	4	196
255+00 to 280+00	164	-	-	-	-	-	-	-	-	-	-
SUBTOTAL		420	10		196	150	20		147		196
Phase 1 - Stage 3											
187+90 to 198+25	164	-	-	-	-	-	-	-	-	-	-
198+25 to 255+00	164	130	40	13	988	710	80	5	380	28	2,128
255+00 to 280+00	164	-	-	-	-	-	-	-	-	-	-
SUBTOTAL		130	40		988	710	80		380		2,128
Phase 1 - Stage 4											
187+90 to 198+25	164	-	-	-	-	-	-	-	-	-	-
198+25 to 255+00	164	50	20	-	-	45	20	3	84	5	140
255+00 to 280+00	164	-	-	-	-	-	-	-	-	-	-
SUBTOTAL		50	20		0	45	20		84		140
PHASE 1 - TOTALS		**600**	**110**		**1,236**	**940**	**140**		**637**		**2,516**

<CONTINUED>

ALL ITEMS CATEGORY 1000
UNLESS OTHERWISE NOTED.

		TEMPORARY PEDESTRIAN									
		SURFACE								*	
		ASPHALT	PLATE	CURB RAMP		BARRICADE	DETECTABLE WARNING FIELD	TEMPORARY AUDIBLE MESSAGE DEVICES		TRAFFIC CONTROL SIGNS	
LOCATION		644.1410	644.1430		644.1601	644.1810	644.1605	644.1900.S		643.0900	
STATION	ROAD	SF	SF	#	DAY	LF	SF	#	DAY	#	DAY
Phase 2 - Stage 1											
280+00 to 320+00	164	-	2	16	480	-	-	-	-	-	-
320+00 to 360+00	164	-	4	4	120	-	80	-	-	-	-
360+00 to 408+00	164	-	4	6	180	-	-	-	-	-	-
45+05 to 48+50	K	-	-	-	-	-	40	-	-	-	-
51+50 to 55+00	K	-	-	-	-	-	-	-	-	-	-
105+72 to 108+003	VV	-	-	-	-	-	-	-	-	-	-
112+00 to 114+73	VV	-	-	-	-	-	-	-	-	-	-
SUBTOTAL		0	10		780	0	120		0		0
Phase 2 - Stage 2											
280+00 to 320+00	164	-	80	-	-	266	-	-	-	-	-
320+00 to 360+00	164	160	40	9	630	-	2	-	-	3	210
360+00 to 408+00	164	-	-	6	420	96	80	6	420	13	910
45+05 to 48+50	K	-	40	8	560	75	90	-	-	1	70
51+50 to 55+00	K	-	40	8	560	77	-	-	-	2	140
105+72 to 108+003	VV	-	40	8	-	76	-	-	-	-	-
112+00 to 114+73	VV	-	60	8	-	86	-	-	-	-	-
SUBTOTAL		160	300		2,170	676	172		420		1,330
Phase 2 - Stage 3											
280+00 to 320+00	164	80	320	5	300	615	80	9	540	32	1,920
320+00 to 360+00	164	50	30	10	600	1,640	-	13	780	68	4,080
360+00 to 408+00	164	90	250	5	300	1,557	140	10	600	34	2,040
45+05 to 48+50	K	-	-	-	-	-	-	-	-	-	-
51+50 to 55+00	K	-	-	-	-	-	-	-	-	-	-
105+72 to 108+003	VV	-	-	-	-	-	-	-	-	-	-
112+00 to 114+73	VV	-	-	-	-	-	-	-	-	-	-
SUBTOTAL		220	600		1,200	3,812	220		1,920		8,040
Phase 2 - Stage 4											
280+00 to 320+00	164	-	80	-	-	-	-	-	-	-	-
320+00 to 360+00	164	-	40	-	-	20	20	5	165	15	495
360+00 to 408+00	164	-	160	-	-	20	60	5	165	20	660
45+05 to 48+50	K	-	-	-	-	-	80	-	-	-	-
51+50 to 55+00	K	-	-	-	-	-	-	-	-	-	-
105+72 to 108+003	VV	-	-	-	-	-	-	-	-	-	-
112+00 to 114+73	VV	-	-	-	-	-	-	-		-	-
SUBTOTAL		0	280		0	40	160		330		1,155
PHASE 2 TOTALS		**380**	**1,190**		**4,150**	**4,528**	**672**		**2,340**		**10,525**
TEMPORARY PEDESTRIAN CONTRACT TOTAL		**980**	**1,300**		**5,386**	**5,468**	**812**		**2,977**		**13,041**

*ADDITIONAL QUANTITIES ARE LOCATED ELSEWHERE IN PLAN

ALL ITEMS CATEGORY 1000 UNLESS OTHERWISE NOTED.

			TRAFFIC CONTROL																	CONNECTED WORK ZONE START AND END LOCATION MARKERS 643.1220
			DRUMS 643.0300		CONES 42-INCH 643.1070		BARRICADES TYPE III 643.0420		WARNING LIGHTS TYPE A 643.0705		TYPE C 643.0715		CONNECTED ARROW BOARDS 643.0810		SIGNS * 643.0900		FIXED MESSAGE 643.1000	PCMS 643.1050		COVERING SIGNS TYPE II 643.0920	
LOCATION	ROAD	DAYS	#	DAY	#	DAY	#	DAY	#	DAY	#	DAY	#	DAY	#	DAY	SF	#	DAY	EA	DAY
PHASE 1-STAGE 1																					
CTH M to 198+25	164	13	121	1,573	-	-	3	39	6	78	19	247	1	13	15	195	0	1	7	0	-
198+25 to 255+00	164	13	266	3,458	-	-	17	221	34	442	-	-	-	-	20	260	0	-	-	0	-
255+00 to CTH K	164	13	189	2,457	-	-	5	65	10	130	15	195	1	13	21	273	0	1	7	0	-
CAPITOL DRIVE	190	13	33	429	-	-	2	26	4	52	-	-	-	-	6	78	0	2	14	0	-
SUBTOTAL				7,917		0		351		702		442		26		806	0		28	0	26
PHASE 1-STAGE 2																					
CTH M to 198+25	164	49	196	9,604	-	-	10	490	20	980	28	1,372	1	49	24	1,176	0	1	7	0	-
198+25 to 255+00	164	49	318	15,582	-	-	22	1,078	44	2,156	9	441	-	-	25	1,225	0	-	-	0	-
255+00 to CTH K	164	49	189	9,261	-	-	5	245	10	490	-	-	2	98	14	686	0	1	7	0	-
CAPITOL DRIVE	190	49	28	1,372	-	-	2	98	4	196	-	-	-	-	7	343	0	1	7	0	-
SUBTOTAL				35,819		0		1,911		3,822		1,813		147		3,430	0		21	0	98
PHASE 1-STAGE 3																					
CTH M to 198+25	164	76	131	9,956	-	-	3	228	6	456	19	1,444	1	76	14	1,064	0	1	7	0	-
198+25 to 255+00	164	76	322	24,472	-	-	17	1,292	34	2,584	-	-	-	-	20	1,520	0	-	-	0	-
255+00 to CTH K	164	76	192	14,592	-	-	5	380	10	760	15	1,140	1	76	17	1,292	0	1	7	0	-
CAPITOL DRIVE	190	76	33	2,508	-	-	2	152	4	304	-	-	-	-	6	456	0	2	14	0	-
SUBTOTAL				51,528		0		2,052		4,104		2,584		152		4,332	0		28	0	152
PHASE 1-STAGE 4																					
CTH M to 198+25	164	28	196	5,488	-	-	10	280	20	560	28	784	1	28	22	616	0	1	7	0	-
198+25 to 255+00	164	28	317	8,876	-	-	22	616	44	1,232	9	252	-	-	25	700	0	-	-	0	-
255+00 to CTH K	164	28	189	5,292	-	-	5	140	10	280	17	476	2	56	15	420	0	1	7	0	-
CAPITOL DRIVE	190	28	28	784	-	-	2	56	4	112	-	-	-	-	7	196	0	2	14	0	-
SUBTOTAL				20,440		0		1,092		2,184		1,512		84		1,932	0		28	0	56
PHASE 1 TOTAL				**115,704**		**0**		**5,406**		**10,812**		**6,351**		**409**		**10,500**	**0**		**105**	**0**	**332**

*ADDITIONAL QUANTITIES ARE LOCATED ELSEWHERE IN PLAN

<CONTINUED>

ALL ITEMS CATEGORY 1000 UNLESS OTHERWISE NOTED.

			TRAFFIC CONTROL																				CONNECTED WORK ZONE START AND END LOCATION MARKERS 643.1220
							BARRICADES		WARNING LIGHTS				CONNECTED		SIGNS				COVERING SIGNS				
			DRUMS 643.0300		CONES 42-INCH 643.1070		TYPE III 643.0420		TYPE A 643.0705		TYPE C 643.0715		ARROW BOARDS 643.0810		* 643.0900		FIXED MESSAGE 643.1000	PCMS 643.1050		TYPE II 643.0920			
LOCATION	ROAD	DAYS	#	DAY	#	DAY	#	DAY	#	DAY	#	DAY	#	DAY	#	DAY	SF	#	DAY	EA	CYCLES	SIGNS	DAY
PHASE 2-STAGE 1																							
280+00 to 320+00	164	30	247	7,410	-	-	11	330	50	1,500	0	0	1	30	22	660	0	0	0	-	-	-	-
320+00 to 360+00	164	30	208	6,240	-	-	18	540	0	0	-	-	-	-	23	690	0	-	-	-	-	-	-
360+00 to 408+00	164	30	386	11,580	-	-	25	750	2	60	-	-	-	-	36	1,080	1	0	0	-	-	-	-
45+05 to 48+50	K	30	53	1,590	-	-	0	0	-	-	-	-	-	-	4	120	0	0	0	-	-	-	-
51+50 to 55+00	K	30	48	1,440	-	-	1	30	4	120	-	-	-	-	6	180	0	0	0	-	-	-	-
105+72 to 108+003	VV	30	74	2,220	-	-	-	-	-	-	-	-	-	-	5	150	0	0	0	-	-	-	-
112+00 to 114+73	VV	30	59	1,770	-	-	-	-	-	-	-	-	-	-	5	150	0	0	0	-	-	-	-
SUBTOTAL				32,250		0		1,650		1,680		0		30		3,030	1		0	0	0	0	60
PHASE 2-STAGE 2																							
280+00 to 320+00	164	70	277	19,390	67	4,690	14	980	28	1,960	23	1,610	1	70	34	2,380	0	0	0	-	-	-	-
320+00 to 360+00	164	70	195	13,650	76	5,320	16	1,120	32	2,240	-	-	-	-	24	1,680	0	-	-	-	-	-	-
360+00 to 408+00	164	70	412	28,840	50	3,500	14	980	28	1,960	13	910	-	-	32	2,240	1	0	0	-	-	-	-
45+05 to 48+50	K	70	69	4,830	20	1,400	1	70	2	140	9	630	-	-	6	420	0	0	0	-	-	-	-
51+50 to 55+00	K	70	95	6,650	34	2,380	2	140	4	280	-	-	-	-	5	350	0	0	0	-	-	-	-
105+72 to 108+003	VV	70	48	3,360	26	1,820	2	140	4	280	12	840	-	-	8	560	0	0	0	-	-	-	-
112+00 to 114+73	VV	70	47	3,290	17	1,190	0	0	0	0	9	630	-	-	7	490	0	0	0	-	-	-	-
SUBTOTAL				80,010		20,300		3,430		6,860		4,620		70		8,120	1		0	0	0	0	140
PHASE 2-STAGE 3																							
280+00 to 320+00	164	60	241	14,460	-	-	6	360	12	720	11	660	1	60	26	1,560	0	1	60	-	-	-	-
320+00 to 360+00	164	60	206	12,360	-	-	23	1,380	46	2,760	-	-	-	-	24	1,440	0	-	-	-	-	-	-
360+00 to 408+00	164	60	380	22,800	-	-	25	1,500	50	3,000	-	-	-	-	35	2,100	1	1	60	2	1	2	-
45+05 to 48+50	K	60	54	3,240	-	-	1	60	2	120	20	1,200	-	-	5	300	0	1	60	-	-	-	-
51+50 to 55+00	K	60	48	2,880	-	-	1	60	2	120	8	480	-	-	6	360	0	1	60	-	-	-	-
105+72 to 108+003	VV	60	74	4,440	-	-	2	120	4	240	-	-	-	-	5	300	0	1	60	-	-	-	-
112+00 to 114+73	VV	60	58	3,480	-	-	2	120	4	240	-	-	-	-	5	300	0	1	60	-	-	-	-
SUBTOTAL				63,660		0		3,600		7,200		2,340		60		6,360	1		360	2	1	2	120
PHASE 2-STAGE 4																							
280+00 to 320+00	164	33	271	8,943	66	2,178	15	495	30	990	23	759	1	33	30	990	0	0	0	-	-	-	-
320+00 to 360+00	164	33	194	6,402	76	2,508	16	528	32	1,056	-	-	-	-	24	792	0	-	-	-	-	-	-
360+00 to 408+00	164	33	338	11,154	76	2,508	16	528	32	1,056	13	429	-	-	35	1,155	1	0	0	-	-	-	-
45+05 to 48+50	K	33	69	2,277	20	660	1	33	2	66	9	297	-	-	6	198	0	0	0	-	-	-	-
51+50 to 55+00	K	33	95	3,135	34	1,122	5	165	10	330	14	462	-	-	2	66	0	0	0	-	-	-	-
105+72 to 108+003	VV	33	48	1,584	26	858	2	66	4	132	12	396	-	-	9	297	0	0	0	-	-	-	-
112+00 to 114+73	VV	33	47	1,551	17	561	-	-	-	-	9	297	-	-	7	0	0	0	0	-	-	-	-
SUBTOTAL				35,046		10,395		1,815		3,630		2,640		33		3,498	1		0	0	0	0	66
PHASE 2 TOTAL				**210,966**		**30,695**		**10,495**		**19,370**		**9,600**		**193**		**21,008**	**4**		**360**	**2**	**1**	**2**	**386**
TRAFFIC CONTROL CONTRACT TOTAL				**326,670**		**30,695**		**15,901**		**30,182**		**15,951**		**602**		**31,508**	**4**		**465**	**2**	**1**	**2**	**718**

ALL ITEMS CATEGORY 1000
UNLESS OTHERWISE NOTED.

		TEMPORARY MARKING																	
		LINE																	
		PAINT				REMOVABLE TAPE			CROSSWALK		ARROW		WORD		STOP LINE		REMOVABLE MASK OUT TAPE	MARKING REMOVAL LINE	MARKING REMOVAL LINE
		6-INCH		10-INCH		6-INCH		10-INCH	PAINT	REMOVABLE		REMOVABLE		REMOVABLE	PAINT	REMOVABLE	6-INCH	4-INCH	8-INCH
		YELLOW	WHITE	YELLOW	WHITE	YELLOW	WHITE	WHITE	6-INCH	TAPE 6-INCH	PAINT	TAPE	PAINT	TAPE	18-INCH	TAPE 18-INCH	6-INCH	4-INCH	8-INCH
		643.3165		643.3265		643.3180		643.3280	643.3305	643.3350	643.3505	643.3550	643.3605	643.3650	643.3805	643.3850	643.3960	646.9000	646.9100
LOCATION	ROAD	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF
PHASE 1-STAGE 1																			
CTH M to 198+25	164	0	0	0	0	702	3,386	893	0	0	0	0	0	0	0	0	340	-	-
198+25 to 255+00	164	9,868	10,523	0	129	0	0	0	0	251	0	0	0	0	98	30	0	8328	-
255+00 to CTH K	164	4,083	4,706	0	37	1,344	2,425	0	0	0	0	0	0	0	81	30	828	4072	-
CAPITOL DRIVE	190	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-
SUBTOTAL		13,951	15,229	0	166	2,046	5,811												
STAGE 1 - TOTAL		29,180		166		7,857		893	0	251	0	0	0	0	179	60	1,168	12,400	0
PHASE 1-STAGE 2																			
CTH M to 198+25	164	-	-	-	-	1,633	1,164	1,139	-	0	-	1	-	1	-	0	1,009	-	-
198+25 to 255+00	164	10,492	10,555	-	1,654	0	0	-	457	0	14	-	7	-	188	0	0	-	-
255+00 to CTH K	164	6,661	5,398	-	472	84	84	-	0	0	4	-	2	-	43	0	84	-	-
CAPITOL DRIVE	190	0	0	-	0	0	0	-	0	0	-	-	-	-	-	0	0	-	-
SUBTOTAL		17,153	15,953	0	2,126	1,717	1,248												
STAGE 2 - TOTAL		33,106		2,126		2,965		1,139	457	0	18	1	9	1	231	0	1,093	0	0
PHASE 1-STAGE 3																			
CTH M to 198+25	164	0	0	0	0	702	3,386	894	0	0	0	0	0	0	0	0	247	-	-
198+25 to 255+00	164	10,674	10,524	0	3,618	0	0	0	458	0	4	0	4	0	99	0	0	-	-
255+00 to CTH K	164	4,705	4,704	0	1,069	1,345	2,535	20	0	0	0	0	0	0	55	24	825	-	-
CAPITOL DRIVE	190	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-
SUBTOTAL		15,379	15,228	0	4,687	2,047	5,921												
STAGE 3 - TOTAL		30,607		4,687		7,968		914	458	0	4	0	4	0	154	24	1,072	0	0
PHASE 1-STAGE 4																			
CTH M to 198+25	164	0	0	0	0	1,632	1,164	1,139	0	0	0	1	0	1	0	0	999	-	-
198+25 to 255+00	164	0	0	0	0	10,493	10,556	1,654	0	332	0	14	0	7	0	188	0	-	-
255+00 to CTH K	164	0	0	0	0	6,743	5,481	472	0	0	0	4	0	2	0	43	82	-	-
CAPITOL DRIVE	190	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-
SUBTOTAL		0	0	0	0	18,868	17,201												
STAGE 4 - TOTAL		0		0		36,069		3,265	0	332	0	19	0	10	0	231	1,081	0	0
PHASE 1 - TOTAL		**92,893**		**6,979**		**54,859**		**6,211**	**915**	**583**	**22**	**20**	**13**	**11**	**564**	**315**	**4,414**	**12,400**	**0**

<CONTINUED>

ALL ITEMS CATEGORY 1000
UNLESS OTHERWISE NOTED.

ALL ITEMS CATEGORY 1000
UNLESS OTHERWISE NOTED.

		TEMPORARY MARKING																		
		LINE																REMOVABLE	MARKING	MARKING
		PAINT				REMOVABLE TAPE			CROSSWALK		ARROW		WORD		STOP LINE			MASK OUT	REMOVAL	REMOVAL
		6-INCH		10-INCH		6-INCH		10-INCH	PAINT	REMOVABLE		REMOVABLE		REMOVABLE	PAINT	REMOVABLE		TAPE	LINE	LINE
		YELLOW	WHITE	YELLOW	WHITE	YELLOW	WHITE	WHITE	6-INCH	TAPE 6-INCH	PAINT	TAPE	PAINT	TAPE	18-INCH	TAPE 18-INCH		6-INCH	4-INCH	8-INCH
		643.3165		643.3265		643.3180		643.3280	643.3305	643.3350	643.3505	643.3550	643.361	643.3650	643.3805	643.3850		643.3960	646.9000	646.9100
LOCATION	ROAD	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF		LF	LF	LF
PHASE 2-STAGE 1																				
280+00 to 320+00	164	6,117	7,961	0	1,506	538	907	0	0	386	0	0	0	0	94	0		659	6837	0
320+00 to 360+00	164	4,917	7,477	0	1,006	0	0	0	0	0	0	0	0	0	246	0		0	4777	0
360+00 to 408+00	164	7,739	11,893	0	1,675	0	0	0	0	148	0	0	0	0	105	0		126	6958	68
45+05 to 48+50	K	0	779	0	889	0	531	0	0	0	0	0	0	0	0	0		0	0	0
51+50 to 55+00	K	0	439	0	344	0	790	536	0	0	0	0	0	0	0	0		0	0	0
105+72 to 108+003	VV	215	232	0	214	0	0	0	0	0	0	0	0	0	0	0		0	0	0
112+00 to 114+73	VV	280	278	0	279	0	0	0	0	0	0	0	0	0	0	0		0	0	0
SUBTOTAL		19,268	29,059	0	5,913	538	2,228													
STAGE 1 - TOTAL		48,327		5,913		2,766		536	0	534	0	0	0	0	445	0		785	18,572	68
PHASE 2-STAGE 2																				
280+00 to 320+00	164	8,238	8,494	0	2,600	1,427	1,601	378	0	0	12	0	9	0	88	0		894	0	0
320+00 to 360+00	164	7,095	7,387	0	1,848	0	0	0	0	0	12	0	6	0	0	0		0	0	0
360+00 to 408+00	164	9,974	9,445	0	2,300	1,448	629	1,567	0	0	6	0	4	0	92	0		771	0	0
45+05 to 48+50	K	300	301	0	699	264	0	418	0	0	1	0	0	0	0	0		33	27	0
51+50 to 55+00	K	350	351	0	901	758	318	584	0	0	1	0	0	0	0	0		60	0	0
105+72 to 108+003	VV	364	250	0	465	327	208	164	0	0	0	0	0	0	0	0		103	0	0
112+00 to 114+73	VV	444	201	0	381	568	0	617	0	0	0	0	0	0	0	0		0	0	0
SUBTOTAL		26,765	26,429	0	9,194	4,792	2,756													
STAGE 2 - TOTAL		53,194		9,194		7,548		3,728	0	0	32	0	19	0	180	0		1,861	27	0
PHASE 2-STAGE 3																				
280+00 to 320+00	164	6,413	8,897	0	2,052	538	1,543	164	387	0	0	0	0	0	139	94		659	0	0
320+00 to 360+00	164	4,837	7,498	0	1,532	0	0	0	220	397	0	0	0	0	246	246		0	0	0
360+00 to 408+00	164	6,986	11,868	0	1,384	0	0	183	235	239	0	0	0	0	170	75		126	0	0
45+05 to 48+50	K	0	660	0	165	0	531	209	22	0	0	0	0	0	0	0		0	0	0
51+50 to 55+00	K	0	567	0	426	0	560	378	22	0	0	0	0	0	0	0		0	0	0
105+72 to 108+003	VV	215	235	0	191	0	0	118	22	0	0	0	0	0	0	0		0	0	0
112+00 to 114+73	VV	279	280	0	193	0	0	0	23	0	0	0	0	0	0	0		0	0	0
SUBTOTAL		18,730	30,005	0	5,943	538	2,634													
STAGE 3 - TOTAL		48,735		5,943		3,172		1,052	931	636	0	0	0	0	555	415		785	0	0
PHASE 2-STAGE 4																				
280+00 to 320+00	164	0	0	0	0	9,665	8,356	2,161	0	728	0	12	0	0	0	88		894	0	0
320+00 to 360+00	164	0	0	0	0	7,095	7,388	1,842	0	0	0	12	0	0	0	0		0	0	0
360+00 to 408+00	164	0	0	0	0	11,422	10,095	3,685	0	62	0	10	0	0	62	92		771	0	0
45+05 to 48+50	K	0	0	0	0	563	301	918	0	0	0	1	0	0	0	0		60	0	0
51+50 to 55+00	K	0	0	0	0	1,108	670	1,142	0	0	0	1	0	0	0	0		60	0	0
105+72 to 108+003	VV	0	0	0	0	547	265	227	0	0	0	0	0	0	0	0		103	0	0
112+00 to 114+73	VV	0	0	0	0	1,115	201	900	0	0	0	0	0	0	0	0		0	0	0
SUBTOTAL		0	0	0	0	31,515	27,276													
STAGE 4 - TOTAL		0		0		58,791		10,875	0	790	0	36	0	0	62	180		1,888	0	0
PHASE 2 - TOTAL		**150,256**		**21,050**		**72,277**		**16,191**	**931**	**1,960**	**32**	**36**	**19**	**0**	**1,242**	**595**		**5,319**	**18,599**	**68**
TRAFFIC CONTROL PAVEMENT MARKING CONTRACT TOTAL		**243,149**		**28,029**		**127,136**		**22,402**	**1,846**	**2,543**	**54**	**56**	**32**	**11**	**1,806**	**910**		**9,733**	**30,999**	**68**

3

Marking Line Grooved Wet Ref Epoxy

LOCATION		4-Inch (White) 646.1040	4-Inch (Yellow) 646.1040	6-Inch (White) 646.2040	6-Inch (Yellow) 646.2040	6-Inch (3' Line, 9' Gap, White) 646.2040	6-Inch (White with Black) 646.2040	8-Inch (White) 646.3040	8-Inch (Yellow) 646.3040	10-Inch (2' Line, 6' Gap, White) 646.4040	10-Inch (White) 646.4040	10-Inch (3' Line, 9' Gap, White) 646.4040
STATION	ROAD	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF
187+90 to 198+25	164	-	-	-	-	-	-	-	-	-	-	-
198+25 to 255+00	164	-	-	10,389	10,352	412	4,950	-	-	121	4,660	366
255+00 to 280+00	164	211	300	4,742	4,751	-	2,875	-	-	-	1,378	-
280+00 to 320+00	164	-	-	7,514	7,538	-	3,800	-	-	-	3,481	-
320+00 to 360+00	164	199	327	6,930	6,978	250	4,200	87		-	3,583	150
360+00 to 408+00	164	-	47	8,862	8,710	-	2,275			138	4,242	332
45+05 to 48+50	K	-	-	760	841	-	400	-	-	-	897	181
51+50 to 55+00	K	-	-	855	860	-	450	-	-	-	1,020	-
105+72 to 108+003	VV	-	-	650	15	-	350	-	-	-	494	-
112+00 to 114+73	VV	-	-	722	727	-	400	-	-	-	620	92
SUBTOTAL		410	674	41,424	40,772	662	19,700	87	0	259	20,375	1,121
TOTAL		**1,084**		**102,558**				**87**		**21,755**		

Marking

LOCATION		Arrow Epoxy (White) 646.5020	Word Epoxy (White) 646.5120	Stop Line Epoxy 18-Inch (White) 646.6120	Crosswalk Epoxy Transverse Line 6-Inch (White) 646.7420	Curb Epoxy (Yellow) 646.8120	Island Nose Epoxy (Yellow) 646.8220	YIELD LINE EPOXY 18-INCH (WHITE) 646.6220
STATION	ROAD	EACH	EACH	LF	LF	LF	EACH	EACH
187+90 to 198+25	164	-	-	-	-	-	-	-
198+25 to 255+00	164	12	6	249	534	220	8	-
255+00 to 280+00	164	-	-	39	-	34	2	-
280+00 to 320+00	164	8	4	130	493	51	4	-
320+00 to 360+00	164	4	1	153	528	215	8	-
360+00 to 408+00	164	11	5	151	632	115	6	23
45+05 to 48+50	K	4	2	35	201	10	1	8
51+50 to 55+00	K	4	2	35	197	10	1	-
105+72 to 108+003	VV	2	1	46	156	10	1	-
112+00 to 114+73	VV	6	3	58	180	19	1	-
SUBTOTAL								
TOTAL		**51**	**24**	**896**	**2,921**	**684**	**32**	**31**

ALL ITEMS CATEGORY 1000
UNLESS OTHERWISE NOTED.

3

	CONSTRUCTION STAKING RESURFACING REFERENCE 650.8000 LF
PROJECT ID 2370-00-75	20,975
Total	**20,975**

	CONSTRUCTION STAKING SIDEWALK 650.9500 EA
Project ID 2370-00-75	1
Total	**1**

	CONSTRUCTION STAKING SUPPLEMENTAL CONTROL 650.9911 EA
Project ID 2370-00-75	1
Total	**1**

	CONSTRUCTION STAKING ELECTRICAL INSTALLATIONS 650.8501 EA
Project ID 2370-00-75	1
Total	**1**

CATEGORY 1500

LOCATION		CONSTRUCTION STAKING CURB GUTTER AND CURB & GUTTER 650.5500 LF	CONSTRUCTION STAKING CURB RAMPS 650.9000 EA
STATION	ROAD		
187+90 to 198+25	164	28	-
198+25 to 255+00	164	270	11
255+00 to 280+00	164	-	-
280+00 to 320+00	164	430	4
320+00 to 360+00	164	440	14
360+00 to 408+00	164	870	21
45+05 to 48+50	K	-	-
51+50 to 55+00	K	-	-
105+72 to 108+003	VV	-	-
112+00 to 114+73	VV	-	-
Total		**2,038**	**50**

LOCATION		SAWING ASPHALT 690.0150 LF	SAWING CONCRETE 690.0250 LF
STATION	ROAD		
187+90 to 198+25	164	220	790
198+25 to 255+00	164	1,310	150
255+00 to 280+00	164	20	10
280+00 to 320+00	164	2,070	170
320+00 to 360+00	164	520	690
360+00 to 408+00	164	2,080	320
45+05 to 48+50	K	-	-
51+50 to 55+00	K	-	-
105+72 to 108+003	VV	-	-
112+00 to 114+73	VV	-	-
TOTAL		**6,220**	**2,130**

ALL ITEMS CATEGORY 1000
UNLESS OTHERWISE NOTED.

LOCATION		CURB RAMP GRADING, SHAPING AND FINISHING SPV.0060.03
STATION	ROAD	EA
187+90 to 198+25	164	-
198+25 to 255+00	164	7
255+00 to 280+00	164	-
280+00 to 320+00	164	4
320+00 to 360+00	164	12
360+00 to 408+00	164	13
45+05 to 48+50	K	-
51+50 to 55+00	K	-
105+72 to 108+003	VV	-
112+00 to 114+73	VV	-
TOTAL		**36**

CURB RAMP GRADING, SHAPING AND FINISHING
FOR INFORMATION ONLY

	CONCRETE AREAS (1)		NON-CONCRETE AREAS (2)								
	*	*	*	*	*	*	*	*	*	*	*
	EXCAVATION COMMON (3) 205.0100	BASE AGGREGATE DENSE 1 1/4-INCH 305.0120	EXCAVATION COMMON 205.0100	BORROW 208.0100	TOPSOIL 625.0100	SALVAGED TOPSOIL 625.0500	EROSION MAT URBAN CLASS I TYPE B 628.2008	FERTILIZER TYPE B 629.0130	SEEDING MIXTURE NO. 630.0130	SEED WATER 630.0500
LOCATION	CY	TON	CY	CY	SY	SY	SY	CWT	LB	MGAL
187+90 to 198+25	--	--	--	--	--	--	--	--	--	--
198+25 to 255+00	11	15	4	--	--	80	80	0.05	3	6
255+00 to 280+00	--	--	--	--	--	--	--	--	--	--
280+00 to 320+00	4	6	1	--	--	20	20	0.02	1	2
320+00 to 360+00	13	25	4	--	50	40	90	0.05	4	7
360+00 to 408+00	13	17	6	--	--	90	90	0.06	4	8
45+05 to 48+50	--	--	--	--	--	--	-	--	--	-
51+50 to 55+00	--	--	--	--	--	--	--	--	--	--
105+72 to 108+003	--	--	--	--	--	--	-	--	--	-
112+00 to 114+73	--	--	--	--	--	--	--	--	--	--
TOTAL	**41**	**63**	**15**	**0**	**50**	**230**	**280**	**0.18**	**12**	**23**

ALL ITEMS CATEGORY 1000
UNLESS OTHERWISE NOTED.

(1) ITEMS INCIDENTAL TO CONCRETE SIDEWALK, AND PEDESTRIAN CURB
(2) ITEMS INCIDENTAL TO CURB RAMP GRADING, SHAPING AND FINISHING ITEM.
(3) CONCRETE SIDEWALK NOT INCLUDED IN EXCAVATION COMMON QUANTITY.
* ADDITIONAL QUANTITIES SHOWN ELSEWHERE.

3

CPM PROGRESS SCHEDULE
108.4400

LOCATION	EA
PROJECT ID 2370-00-75	1
TOTAL	**1**

FINISHING ROADWAY
213.0100

LOCATION	EA
PROJECT ID 2370-00-75	1
TOTAL	**1**

MOBILIZATION
619.1000

LOCATION	EA
PROJECT ID 2370-00-75	1
TOTAL	**1**

TRAFFIC CONTROL
643.5000

LOCATION	EA
PROJECT ID 2370-00-75	1
TOTAL	**1**

FIELD FACILITIES OFFICE SPACE
SPV.0060.01

LOCATION	EA
PROJECT ID 2370-00-75	1
TOTAL	**1**

SECTION CORNER MONUMENTS
SPV.0060.06

LOCATION	EA
PROJECT ID 2370-00-75	2
TOTAL	**2**

UTILITY LINE OPENING (ULO)
SPV.0060.07

LOCATION	EA
PROJECT ID 2370-00-75	10
TOTAL	**10**

ALL ITEMS CATEGORY 1000
UNLESS OTHERWISE NOTED.

CATEGORY 8010
VILLAGE OF SUSSEX

LOCATION		REMOVE SANITARY SEWER STRUCTURES SPV.0060.10	SALVAGE SANITARY SEWER STRUCTURES SPV.0060.11
STATION	OFFSET	EA	EA
STA 311+68	150' LT	-	1
STA 322+65	47' RT	1	-
STA 393+95	22' LT	-	1
STA 396+86	32' LT	-	1
STA 399+33	34' LT	-	1
STA 402+45	34' LT	-	1
STA 404+00	22' RT	-	1
STA 405+00	35' LT	-	1
STA 405+02	22' RT	-	1
STA 405+67	35' LT	-	1
STA 112+92	40' LT	-	1
TOTAL		1	10

LOCATION		WATERMAIN - REMOVE AND REPLACE VALVE BOX TOP SECTION AND LID, 6-INCH SPV.0060.16	WATERMAIN - REMOVE AND REPLACE VALVE BOX TOP SECTION AND LID, 8-INCH SPV.0060.17	WATERMAIN - REMOVE AND REPLACE VALVE BOX TOP SECTION AND LID, 12-INCH SPV.0060.18	WATERMAIN - REMOVE VAULT AND REPLACE WITH ENTIRE VALVE BOX AND LID, 12-INCH SPV.0060.19
STATION	OFFSET	EA	EA	EA	EA
STA 289+80	83' LT	-	1	-	-
STA 289+90	100' LT	1	-	-	-
STA 322+85	65' RT	-	-	1	-
STA 351+65	62' RT	-	-	1	-
STA 352+77	62' RT	-	-	1	-
STA 393+67	50' RT	-	-	1	-
STA 393+75	45' RT	-	-	1	-
STA 396+80	37' RT	-	-	-	1
STA 397+00	40 'RT	1	-	-	-
STA 397+50	30' RT	1	-	-	-
STA 396+60	38' RT	1	-	-	-
STA 404+71	33' LT	-	-	1	-
STA 405+77	35' RT	-	-	-	1
STA 406+00	36' RT	1	-	-	-
STA 111+15	50' LT	-	-	-	1
STA 112+00	47' LT	-	-	1	-
TOTAL		5	1	7	3

3

CATEGORY 8020
CITY OF PEWAUKEE

STATION	OFFSET	ADJUSTING WATER VALVE BOXES SPV.0060.04 EA
246+00	65' RT	1
TOTAL		1

TYPE II PERMANENT SIGNING 2370-00-75 sth 164

CATEGORY CODE 1000

SIGN NO.		SIGN MESSAGE	SIGN SIZE W [IN.]	x	H [IN.]	**637.2210** SIGNS TYPE II REFLECTIVE H [SF]	**637.2230** SIGNS TYPE II RELFECTIVE F [SF]	**637.2215** SIGNS TYPE II REFLECTIVE H FOLDING (SF)	**638.2102** MOVING SIGNS TYPE II [EA]	**638.2602** REMOVING SIGNS TYPE II (EA)	**638.3000** REM SMALL SIGN SUP [EA]	**634.0618** POSTS WOOD 4" X 6" X 18' [EA]	**634.0814** POSTS TUBULAR STEEL 2 X 2 INCH X 14 FT (EA)	MOUNT ON SAME POST AS SIGN #	REMARKS / NEW SIGN LOCATION
1	R1-1F(3)		36	X	36			7.46		1					SIGNAL POLE
2	R1-1F(3)		36	X	36			7.460		1					SIGNAL POLE
3	R5-1(3)		36	X	36	9.000				1					SIGNAL POLE
4	R4-7(3)		36	X	48	12.000				1					SIGNAL POLE
5	R6-2L									1					REMOVE FROM SIGNAL POLE
6	M1-94S	164 PEWAUKEE RD	102	X	18	12.750									SIGNAL ARM
7	R6-3(2M)		30	X	24	5.000								8	SIGNAL POLE
8	R1-1F(3)		36	X	36			7.460		1					SIGNAL POLE
9	R6-2L(3)		36	X	48	12.000									SIGNAL POLE
10	R1-1F(3)		36	X	36			7.460		1					SIGNAL POLE
11	R4-7(3)		36	X	48	12.000				1					SIGNAL POLE
12	M1-94S	164 PEWAUKEE RD	102	X	18	12.750									SIGNAL ARM
13	R1-1F(3)		36	X	36			7.460		1					SIGNAL POLE
14	R1-1F(3)		36	X	36			7.460		1					SIGNAL POLE
15	R5-1(3)		36	X	36	9.000				1					SIGNAL POLE
16	R4-7(2S)		24	X	30	5.000				1	1	1		392	
17	J1-1(3)		36	X	57	14.250				1					LIGHT POLE
	M2-1		30	X	21										
	M1-6	STH 190	36	X	36										
18	R6-2L(3)		36	X	48	12.000				1					SIGNAL POLE
19	R3-7R(3)		36	X	36	9.000				1	1	1			
20	M1-94H	SWAN RD	66	X	18	8.250									SIGNAL ARM
21	M1-94H	SWAN RD	66	X	18	8.250									SIGNAL ARM
22	R5-1A(3)		42	X	30	8.750				1	1	1			
23	W3-3(3)		36	X	36		9.000			1	1	1			
24	W3-3(3)		36	X	36		9.000			1	1	1			
25	R5-1(3)		36	X	36	8.000								24	REMOVAL PART OF # 24
26	R4-7(3)		36	X	48	12.000				1	1	1			
27	W3-3(3)		36	X	36		9.000			1	1	1			
28	W3-3(3)		36	X	36		9.000			1	1	1			
29	R3-20L(3)		36	X	54	13.500				1	1	1			
30	D1-1	SWAN RD (ARROW LEFT)	84	X	21	12.250				1	2	2			

CATEGORY CODE 1000

SIGN NO.		SIGN MESSAGE	SIGN SIZE W [IN.]	x	H [IN.]	637.2210 SIGNS TYPE II REFLECTIVE H [SF]	637.2230 SIGNS TYPE II RELFECTIVE F [SF]	637.2215 SIGNS TYPE II REFLECTIVE H FOLDING (SF)	638.2102 MOVING SIGNS TYPE II [EA]	638.2602 REMOVING SIGNS TYPE II (EA)	638.3000 REM SMALL SIGN SUP [EA]	634.0618 POSTS WOOD 4" X 6" X 18' [EA]	634.0814 POSTS TUBULAR STEEL 2 X 2 INCH X 14 FT (EA)	MOUNT ON SAME POST AS SIGN #	REMARKS / NEW SIGN LOCATION
31	R3-20R(3)		36	X	54	13.500				1	1	1			
32	R5-1A(3)		42	X	30	8.750								31	REMOVAL PART OF # 31
33	R4-7(3)		36	X	48	12.000				1	1	1			
34	R3-20L(3)		36	X	54	13.500				1	1	1			
35	R3-20R(3)		36	X	54	13.500				1	1	1			
36	W54-58 MOD	TEMPLE ENTRANCE	36	X	36		12.000			1	1	1			
37	R5-1A(3)		42	X	30	8.750								36	REMOVAL PART OF # 36
38	R3-5L(2M)		42	X	48	14.000				1					MOUNT ON SIGN STRUCTURE S-67-938. I BEAMS INCIDENTAL
39	R3-5L(2M)		42	X	48	14.000				1					MOUNT ON SIGN STRUCTURE S-67-938. I BEAMS INCIDENTAL
40	R3-20L(3)		36	X	54	13.500				1	1	1			
41	R5-1A(3)		42	X	30	8.750				1	1	1			
42	R5-1(3)		36	X	36	9.000				1	1	1			
43	R6-2L(3)		36	X	48	12.000				1	1	1			
44	R5-1(3)		36	X	36	9.000									SIGNAL POLE
45	R1-1F(3)		36	X	36			7.460		1					SIGNAL POLE
46	R6-3(2M)		30	X	24	5.000									SIGNAL POLE
47	R6-2L(3)		36	X	48	12.000				1					SIGNAL POLE
48	NOT USED														
49	R3-20L(3)		36	X	54	13.500				1	1	1			
50	R5-1(3)		36	X	36	9.000				1					SIGNAL POLE
51	R1-1F(3)		36	X	36			7.460		1					SIGNAL POLE
52	R1-1F(3)		36	X	36			7.460		1					SIGNAL POLE
53	R4-7(3)		36	X	48	12.000				1					SIGNAL POLE
54	M1-94S	164 PEWAUKEE RD	102	X	18	12.750									SIGNAL ARM
55	M1-94S	164 PEWAUKEE RD	102	X	18	12.750									SIGNAL ARM
56	R4-7(2S)		24	X	30	5.000				1					SIGNAL POLE
57	R4-7(3)		36	X	48	12.000				1					SIGNAL POLE
58	R1-1F(3)		36	X	36			7.460		1					SIGNAL POLE
59	R1-1F(3)		36	X	36			7.460		1					SIGNAL POLE
60	R1-1F(3)		36	X	36			7.460		1					SIGNAL POLE

TYPE II PERMANENT SIGNING 2370-00-75 sth 164

CATEGORY CODE 1000

SIGN NO.		SIGN MESSAGE	SIGN SIZE W [IN.]	x	H [IN.]	637.2210 SIGNS TYPE II REFLECTIVE H [SF]	637.2230 SIGNS TYPE II RELFECTIVE F [SF]	637.2215 SIGNS TYPE II REFLECTIVE H FOLDING (SF)	638.2102 MOVING SIGNS TYPE II [EA]	638.2602 REMOVING SIGNS TYPE II (EA)	638.3000 REM SMALL SIGN SUP [EA]	634.0618 POSTS WOOD 4" X 6" X 18' [EA]	634.0814 POSTS TUBULAR STEEL 2 X 2 INCH X 14 FT (EA)	MOUNT ON SAME POST AS SIGN #	REMARKS / NEW SIGN LOCATION
61	R6-3(2M)		30	X	24	5.000								60	SIGNAL POLE
62	R6-2L(3)		36	X	48	12.000				1					SIGNAL POLE
63	NOT USED														
64	R6-2R(2S)		24	X	30	5.000				1	1	1			
65	R2-1(3)	SPEED LIMIT 45	36	X	48	12.000				1	1	1			
66	R2-1(3)	SPEED LIMIT 45	36	X	48	12.000				1	1	1			
67	W3-3(3)		36	X	36		9.000			1	1	1			
68	W3-3(3)		36	X	36		9.000			1	1	1			
69	R3-20R(3)		36	X	54	13.500				1	1	1			
70	D1-1	CHESTERWOOD LN (ARROW RIGHT)	132	X	21	19.250				1	2	2			
71	R5-1A(3)		42	X	30	8.750				1	1	1			
72	R2-1(3)	SPEED LIMIT 45	36	X	48	12.000				1	1	1			
73	R5-1(3)		36	X	36	9.000				1	1	1			
74	R1-1(3)		36	X	36	7.460				1	1	1			
75	R6-1R(3)		48	X	18	6.000								74	
76	R6-3A(2M)		30	X	24	5.000				1				74	REMOVAL PART OF # 74
77	R4-7(3)		36	X	48	12.000				1	1	1			
78	R4-7(3)		36	X	48	12.000				1	1	1			
79	D1-1	LAKE PARK DR (ARROW RIGHT)	114	X	21	16.625				1	2	2			
80	R5-1A(3)		42	X	30	8.750						1			
81	R3-20L(3)		36	X	54	13.500				1	1	1			
82	R5-1(3)		36	X	36	9.000				1	1	1			
83	R6-1R(3)		48	X	18	6.000								84	
84	R1-1(3)		36	X	36	7.460				1	1	1			
85	R6-1L(3)		48	X	18	6.000								84	
86	R6-3(3)		30	X	24	5.000								84	REMOVAL PART OF # 84
87	R4-7(2S)		24	X	30	5.000				1	1	1			
88	R6-1L									1	1				
89	R4-7(3)		36	X	48	12.000				1	1	1			
90	R4-7(3)		36	X	48	12.000				1	1	1			

TYPE II PERMANENT SIGNING 2370-00-75 sth 164

CATEGORY CODE 1000

SIGN NO.		SIGN MESSAGE	SIGN SIZE W [IN.]	x	H [IN.]	**637.2210** SIGNS TYPE II REFLECTIVE H [SF]	**637.2230** SIGNS TYPE II RELFECTIVE F [SF]	**637.2215** SIGNS TYPE II REFLECTIVE H FOLDING (SF)	**638.2102** MOVING SIGNS TYPE II [EA]	**638.2602** REMOVING SIGNS TYPE II (EA)	**638.3000** REM SMALL SIGN SUP [EA]	**634.0618** POSTS WOOD 4" X 6" X 18' [EA]	**634.0814** POSTS TUBULAR STEEL 2 X 2 INCH X 14 FT (EA)	MOUNT ON SAME POST AS SIGN #	REMARKS / NEW SIGN LOCATION
91	R5-1(3)		36	X	36	9.000				1	1	1			
92	R1-1(3)		36	X	36	7.460				1	1	1			
93	R6-3(3)		30	X	24	5.000								92	REMOVAL PART OF # 92
94	R6-1L(3)		48	X	18	6.000								92	
95	R6-1R(3)		48	X	18	6.000								92	
96	R6-2L									1	1				
97	R2-1(3)	SPEED LIMIT 45	36	X	48	12.000				1	1	1			
98	R2-1(3)	SPEED LIMIT 45	36	X	48	12.000				1	1	1			
99	D1-1	CHESTERWOOD LN (ARROW LEFT)	132	X	21	19.250				1	2	2			
100	R3-20L(3)		36	X	54	13.500				1	1	1			
101	R5-1A(3)		42	X	30	8.750				1	1	1			
102	R5-1(3)		36	X	36	9.000				1	1	1			
103	R6-2L(3)		36	X	48	12.000				1	1	1			
104	R4-7(2S)		24	X	30	5.000				1	1	1			
105	R2-1(3)	SPEED LIMIT 45	36	X	48	12.000				1	1	1			
106	R2-1(3)	SPEED LIMIT 45	36	X	48	12.000				1	1	1			
107	W2-1(3)		36	X	36		9.000			1	1	1			
108	W2-1(3)		36	X	36		9.000			1	1	1			
109	D1-61(3)	LINDSAY RD (DOUBLE ARROWS	84	X	30	17.500				1	2	2			
110	D1-1	LAKE PARK DR (ARROW LEFT)	114	X	21	16.625				1	2	2			
111	R3-20L(3)		36	X	54	13.500				1	1	1			
112	R5-1A(3)		42	X	30	8.750				1	1	1			
113	R5-1A(3)		42	X	30	8.750				1	1	1			
114	R3-20L(3)		36	X	54	13.500				1	1	1			
115	R5-1(3)		36	X	36	9.000				1	1	1			
116	R1-1(3)		36	X	36	7.460				1	1	1			
117	R1-1(3)		36	X	36	7.460				1	1	1			
118	R6-3(3)		30	X	24	5.000								116	REMOVAL PART OF #116
119	R6-3(3)		30	X	24	5.000								117	REMOVAL PART OF # 117
120	R6-1R(3)		48	X	18	6.000								116	

SHEET: 4 OF 14

CATEGORY CODE 1000

SIGN NO.		SIGN MESSAGE	SIGN SIZE W [IN.]	x	H [IN.]	637.2210 SIGNS TYPE II REFLECTIVE H [SF]	637.2230 SIGNS TYPE II RELFECTIVE F [SF]	637.2215 SIGNS TYPE II REFLECTIVE H FOLDING (SF)	638.2102 MOVING SIGNS TYPE II [EA]	638.2602 REMOVING SIGNS TYPE II (EA)	638.3000 REM SMALL SIGN SUP [EA]	634.0618 POSTS WOOD 4" X 6" X 18' [EA]	634.0814 POSTS TUBULAR STEEL 2 X 2 INCH X 14 FT (EA)	MOUNT ON SAME POST AS SIGN #	REMARKS / NEW SIGN LOCATION
121	R6-1R(3)		48	X	18	6.000								117	
122	R6-1L(3)		48	X	18	6.000								116	
123	R6-1L(3)		48	X	18	6.000								117	
124	R6-2L									1	1				
125	R4-7(3)		36	X	48	12.000				1	1	1			
126	D1-1	LINDSAY RD (DOUBLE ARROWS	84	X	30	17.500				1	2	2			
127	R3-20L(3)		36	X	54	13.500				1	1	1			
128	R5-1A(3)		42	X	30	8.750				1	1	1			
129	R5-1(3)		36	X	36	9.000				1	1	1			
130	R6-2L									1	1				
131	R4-7(3)		36	X	48	12.000				1	1	1			
132	R2-1(3)	SPEED LIMIT 45	36	X	48	12.000				1	1	1			
133	R2-1(3)	SPEED LIMIT 45	36	X	48	12.000				1	1	1			
134	D1-1	SEVEN STONES DR	138	X	21	20.125						2			
135	R3-20L(3)		36	X	54	13.500				1	1	1			
136	R5-1A(3)		42	X	30	8.750				1	1	1			
137	R5-1(3)		36	X	36	9.000				1	1	1			
138	R4-7(3)		36	X	48	12.000				1	1	1			
139	R4-7(3)		36	X	48	12.000				1	1	1			
140	R6-2L(3)		36	X	48	12.000				1	1	1			
141	R5-1A(3)		42	X	30	8.750				1	1	1			
142	R3-20L(3)		36	X	54	13.500				1	1	1			
143	R5-1(3)		36	X	36	9.000				1	1	1			
144	R1-1(3)		36	X	36	7.460						1			
145	R6-3A(3)		30	X	24	5.000								144	
146	R6-1R(2M)		48	X	18	6.000								144	
147	W2-1(3)		36	X	36		9.000			1	1	1			
148	W2-1(3)		36	X	36		9.000			1	1	1			
149	R2-1(3)	SPEED LIMIT 45	36	X	48	12.000				1	1	1			
150	R2-1(3)	SPEED LIMIT 45	36	X	48	12.000				1	1	1			

TYPE II PERMANENT SIGNING 2370-00-75 sth 164

CATEGORY CODE 1000

SIGN NO.		SIGN MESSAGE	SIGN SIZE W [IN.]	x	H [IN.]	637.2210 SIGNS TYPE II REFLECTIVE H [SF]	637.2230 SIGNS TYPE II RELFECTIVE F [SF]	637.2215 SIGNS TYPE II REFLECTIVE H FOLDING (SF)	638.2102 MOVING SIGNS TYPE II [EA]	638.2602 REMOVING SIGNS TYPE II (EA)	638.3000 REM SMALL SIGN SUP [EA]	634.0618 POSTS WOOD 4" X 6" X 18' [EA]	634.0814 POSTS TUBULAR STEEL 2 X 2 INCH X 14 FT (EA)	MOUNT ON SAME POST AS SIGN #	REMARKS / NEW SIGN LOCATION
151	J1-1(3)		36	X	57	14.250				1	1	1			
	M2-1		30	X	21										
	M1-5A	CTH K	36	X	36										
152	J1-1(3)		36	X	57	14.250				1	1	1			
	M2-1		30	X	21										
	M1-5A	CTH K	36	X	36										
153	W3-3(3)		36	X	36		9.000			1	1	1			
154	W3-3(3)		36	X	36		9.000			1	1	1			
155	J2-1(3)		36	X	84	21.000				1	2	2			
	M3-4		36	X	18										
	M1-5A	CTH K	36	X	36										
	M5-1L		30	X	30										
156	J2-1(3)		36	X	84	21.000				1	2	2			
	M3-2		36	X	18										
	M1-5A	CTH K	36	X	36										
	M5-1R		30	X	30										
157	R3-20L(3)		36	X	54	13.500				1	1	1			
158	I55-56(2S)		30	X	18	3.750				1	1	1			
159	I55-56P	WELLENSTEIN AND SONS INC	30	X	18	3.750								158	REMOVAL PART OF # 158
160	D1-1	SEVEN STONES DR (ARROW RIGHT)	138	X	21	20.125				1	2	2			
161	R5-1A(3)		42	X	30	8.750								162	REMOVAL PART OF 162
162	J3-1(3)		36	X	84	21.000				1	2	2			
	M3-2		36	X	18										
	M1-5A	CTH K	36	X	36										
	M6-1		30	X	30										
163	J3-1(3)		36	X	84	21.000				1	2	2			
	M3-4		36	X	18										
	M1-5A	CTH K	36	X	36										
	M6-1		30	X	30										
164	M1-94S	164 PEWAUKEE RD	102	X	18	12.750									SIGNAL ARM
165	R1-2(2M)		48	X	42	7.000				1					SIGNAL POLE
166	R6-3(3)		30	X	24	5.000				1					SIGNAL POLE
167	R6-3(3)		30	X	24	5.000				1					
168	J3-1(2M)		24	X	57	9.500				1	1	1			
	M3-1		24	X	12										
	M1-6	STH 164	24	X	24										
	M6-1		21	X	21										
169	W12-1D(2S)		24	X	24		4.000			1	1	1			2 FOOT MOUNTING HEIGHT
170	R1-1F(3)		36	X	36			7.460		1					SIGNAL POLE . MOUNT BELOW R6-3
171	R1-1F(3)		36	X	36			7.460		1					SIGNAL POLE . MOUNT BELOW R6-3
172	R4-7(2S)		24	X	30	5.000				1					SIGNAL POLE
173	R1-2(2M)		48	X	42	7.000				1					LIGHT POLE
174	J3-1(2M)		24	X	57	9.500				1					LIGHT POLE
	M3-3		24	X	12										
	M1-6	STH 164	24	X	24										
	M6-1		21	X	21										
175	M1-94S	K LISBON RD	90	X	18	11.250									SIGNAL ARM
176	J4-1(3)		36	X	54	13.500				1	1	1			
	M3-1		36	X	18										
	M1-6	STH 164	36	X	36										
177	R5-1(3)		36	X	36	9.000				1					SIGNAL POLE
178	R6-2L(3)		36	X	48	12.000				1					SIGNAL POLE
179	R1-1F(3)		36	X	36			7.460		1					SIGNAL POLE
180	R1-1F(3)		36	X	36			7.460		1					SIGNAL POLE

TYPE II PERMANENT SIGNING 2370-00-75 sth 164

CATEGORY CODE 1000

SIGN NO.		SIGN MESSAGE	SIGN SIZE W [IN.]	x	H [IN.]	**637.2210** SIGNS TYPE II REFLECTIVE H [SF]	**637.2230** SIGNS TYPE II RELFECTIVE F [SF]	**637.2215** SIGNS TYPE II REFLECTIVE H FOLDING (SF)	**638.2102** MOVING SIGNS TYPE II [EA]	**638.2602** REMOVING SIGNS TYPE II (EA)	**638.3000** REM SMALL SIGN SUP [EA]	**634.0618** POSTS WOOD 4" X 6" X 18' [EA]	**634.0814** POSTS TUBULAR STEEL 2 X 2 INCH X 14 FT (EA)	MOUNT ON SAME POST AS SIGN #	REMARKS / NEW SIGN LOCATION
181	J3-1(3)		36	X	84	21.000				1	2	2			
	M3-4		36	X	18										
	M1-5A	CTH K	36	X	36										
	M6-1		30	X	30										
182	R1-2(M)		48	X	42	7.000				1					LIGHT POLE
183	M1-94S	164 PEWAUKEE RD	102	X	18	12.750									SIGNAL ARM
184	R4-7(2S)		24	X	30	5.000				1					SIGNAL POLE
185	R6-2L(3)		36	X	48	12.000				1					SIGNAL POLE
186	J3-1(2M)		24	X	57	9.500				1	1	1			
	M3-1		24	X	12										
	M1-6	STH 164	24	X	24										
	M6-1		21	X	21										
187	W12-1D(2S)		24	X	24		4.000			1	1	1			2 FOOT MOUNTING HEIGHT
188	R1-1F(3)		36	X	36			7.460		1					SIGNAL POLE
189	R1-1F(3)		36	X	36			7.46		1					SIGNAL POLE
190	R6-3(2M)		30	X	24	5.000				1				188	MOUNT ABOVE FOLD UP STOP.
191	R6-3(2M)		30	X	24	5.000				1				189	MOUNT ABOVE FOLD UP STOP.
192	J3-1(2M)		24	X	57	9.500				1	1	1			
	M3-3		24	X	12										
	M1-6	STH 164	24	X	24										
	M6-1		21	X	21										
193	M1-94S	K LISBON RD	90	X	18	11.250									SIGNAL ARM
194	R1-2(2M)		48	X	42	7.000				1					LIGHT POLE
195	R6-2L(3)		36	X	48	12.000				1					SIGNAL POLE
196	R1-1F(3)		36	X	36			7.460		1					SIGNAL POLE
197	R1-1F(3)		36	X	36			7.460		1					SIGNAL POLE
198	R4-7(3)		36	X	48	12.000				1					SIGNAL POLE
199	R4-7(3)		36	X	48	12.000				1					SIGNAL POLE
200	R5-1(3)		36	X	36	9.000				1					SIGNAL POLE
201	R5-1(3)		36	X	36	9.000				1					SIGNAL POLE
202	R6-2L(3)		36	X	48	12.000				1					SIGNAL POLE
203	J4-1(3)		36	X	54	13.500				1	1	1			
	M3-3		36	X	18										
	M1-6	STH 164	36	X	36										
204	R2-1(3)	SPEED LIMIT 45	36	X	48	12.000				1	1	1			
205	R2-1(3)	SPEED LIMIT 45	36	X	48	12.000				1	1	1			
206	R5-1(3)		36	X	36	9.000				1					SIGNAL POLE
207	I55-56		30	X	18	3.750				1	1	1			
208	I55-56P	HORNE - MUDLITE VFW POST # 6377	30	X	18	3.750								207	REMMOVAL PART OF # 207
209	R2-1(3)	SPEED LIMIT 45	36	X	48	12.000				1	1	1			
210	R2-1(3)	SPEED LIMIT 45	36	X	48	12.000				1	1	1			

SHEET: 7 OF 14

TYPE II PERMANENT SIGNING 2370-00-75 sth 164

CATEGORY CODE 1000

SIGN NO.		SIGN MESSAGE	SIGN SIZE W [IN.]	x	SIGN SIZE H [IN.]	**637.2210** SIGNS TYPE II REFLECTIVE H [SF]	**637.2230** SIGNS TYPE II RELFECTIVE F [SF]	**637.2215** SIGNS TYPE II REFLECTIVE H FOLDING (SF)	**638.2102** MOVING SIGNS TYPE II [EA]	**638.2602** REMOVING SIGNS TYPE II (EA)	**638.3000** REM SMALL SIGN SUP [EA]	**634.0618** POSTS WOOD 4" X 6" X 18' [EA]	**634.0814** POSTS TUBULAR STEEL 2 X 2 INCH X 14 FT (EA)	MOUNT ON SAME POST AS SIGN #	REMARKS / NEW SIGN LOCATION
211	D1-1	S. CORPORATE CIRCLE (ARROW RIGHT)	132	X	21	19.250				1	2	2			
212	R5-1A(3)		42	X	30	8.750				1	1	1			
213	W3-3(3)		36	X	36		9.000			1	1	1			
214	W3-3(3)		36	X	36		9.000			1	1	1			
215	J2-1(3)		36	X	84	21.000				1	2	2			
	M3-4		36	X	18										
	M1-5A	CTH K	36	X	36										
	M5-1R		30	X	30										
216	J2-1(3)		36	X	84	21.000				1	2	2			
	M3-2		36	X	18										
	M1-5A	CTH K	36	X	36										
	M5-1L		30	X	30										
217	R3-20L(3)		36	X	54	13.500				1	1	1			
218	R5-1A(3)		42	X	30	8.750				1	1	1			
219	J3-1(3)		36	X	84	21.000				1	2	2			
	M3-2		36	X	18										
	M1-5A		36	X	36										
	M6-1		30	X	30										
220	R5-1(3)		36	X	36	9.000				1	1	1			
221	R4-7(2S)		24	X	30	5.000				1	1	1			
222	R1-1(3)		36	X	36	7.460				1	1	1			
223	R6-3A(2M)		30	X	24	5.000								222	
224	R1-1(3)		36	X	36	7.460				1	1	1			
225	R6-3A(2M)		30	X	24	5.000								224	
226	R6-1R(3)		48	X	18	6.000								224	
227	R3-20L(3)		36	X	54	13.500				1	1	1			
228	R2-1(3)	SPEED LIMIT 45	36	X	48	12.000				1	1	1			
229	R2-1(3)	SPEED LIMIT 45	36	X	48	12.000				1	1	1			
230	R5-1(3)		36	X	36	9.000				1	1	1			
231	R6-2L(3)		36	X	48	12.000				1	1	1			
232	NOT USED														
233	R3-20R(3)		36	X	54	13.500						1			
234	R5-1A(3)		42	X	30	8.750								233	
235	R1-1(3)		36	X	36	7.460				1	1	1			
236	R6-3A(2M)		30	X	24	5.000								235	
237	R6-1R(3)		48	X	18	6.000								235	
238	D1-1	S. CORPORATE CIR (ARROW LEFT)	132	X	21	19.250				1	2	2			
239	R5-1A(3)		42	X	30	8.750				1	1	1			
240	R2-1(3)	SPEED LIMIT 45	36	X	48	12.000								239	REMOVAL PART OF # 239

SHEET: 8 OF 14

CATEGORY CODE 1000

SIGN NO.		SIGN MESSAGE	SIGN SIZE W [IN.]	x	H [IN.]	637.2210 SIGNS TYPE II REFLECTIVE H [SF]	637.2230 SIGNS TYPE II RELFECTIVE F [SF]	637.2215 SIGNS TYPE II REFLECTIVE H FOLDING (SF)	638.2102 MOVING SIGNS TYPE II [EA]	638.2602 REMOVING SIGNS TYPE II (EA)	638.3000 REM SMALL SIGN SUP [EA]	634.0618 POSTS WOOD 4" X 6" X 18' [EA]	634.0814 POSTS TUBULAR STEEL 2 X 2 INCH X 14 FT (EA)	MOUNT ON SAME POST AS SIGN #	REMARKS / NEW SIGN LOCATION
241	R2-1(3)	SPEED LIMIT 45	36	X	48	12.000						1		229	REMOVAL PART OF # 229
242	R3-20L(3)		36	X	54	13.500				1	1	1			
243	R5-1A(3)		42	X	30	8.750				1	1	1			
244	J1-1(3)		36	X	57	14.250				1	1	1			
	M2-1		30	X	21										
	M1-5A	CTH K	36	X	36										
245	R5-1(3)		36	X	36	9.000								244	REMOVAL PARR OF # 244
246	R4-7(3)		36	X	48	12.000				1	1	1			
247	R4-7(3)		36	X	48	12.000				1	1	1			
248	R6-2L(3)		36	X	48	12.000				1	1	1			
249	D1-2	RICHMOND RD (ARROW LEFT)	132	X	36	33.000				1	2	2			
		N. CORPORATE CIR (ARROW RIGHT)	X	X	X	X				1	1	1			
250	NONE	BEGIN RIGHT TURN LANE TO DRIVEWAYS AND CORPORATE CIR	42	x	48	14.000									
251	R3-20L(3)		36	X	54	13.500				1	1	1			
252	R5-1(3)		36	X	36	9.000				1	1	1			
253	R1-1(3)		36	X	36	7.460				1	1	1			
254	R6-3(2M)		30	X	24	5.000								253	REMOVAL PART OF # 253
255	R6-1R(3)		48	X	18	6.000								253	
256	R1-1(3)		36	X	36	7.460				1	1	1			
257	R6-3(2M0		30	X	24	5.000								256	REMOVAL PART OF # 256
258	R6-1L(3)		48	X	18	6.000								253	
259	R6-1L(3)		48	X	18	6.000								256	
260	R6-1L(3)		48	X	18	6.000								256	
261	R1-1(3)		36	X	36	7.460				1	1	1			
262	R6-3(2M)		30	X	24	5.000								261	REMOVAL PART OF # 261
263	R4-7(2S)		24	X	30	5.000								261	REMOVAL PART OF # 261
264	R6-2L									1	1				
265	D1-1	CLOVER DR(ARROW RIGHT)	90	X	21	13.125				1	2	2			
266	R5-1A(3)		42	X	30	8.750				1	1	1			
267	R3-20L(3)		36	X	54	13.500						1			
268	R3-2(3)		36	X	36	9.000				1	1	1			
269	R2-1(3)	SPEED LIMIT 45	36	X	48	12.000				1	1	1			
270	R2-1(3)	SPEED LIMIT 45	36	X	48	12.000				1	1	1			

TYPE II PERMANENT SIGNING 2370-00-75 sth 164

CATEGORY CODE 1000

SIGN NO.		SIGN MESSAGE	SIGN SIZE W [IN.]	x	H [IN.]	**637.2210** SIGNS TYPE II REFLECTIVE H [SF]	**637.2230** SIGNS TYPE II RELFECTIVE F [SF]	**637.2215** SIGNS TYPE II REFLECTIVE H FOLDING (SF)	**638.2102** MOVING SIGNS TYPE II [EA]	**638.2602** REMOVING SIGNS TYPE II (EA)	**638.3000** REM SMALL SIGN SUP [EA]	**634.0618** POSTS WOOD 4" X 6" X 18' [EA]	**634.0814** POSTS TUBULAR STEEL 2 X 2 INCH X 14 FT (EA)	MOUNT ON SAME POST AS SIGN #	REMARKS / NEW SIGN LOCATION
271	D1-2	N. CORPORATE CIR (ARROW LEFT) RICHMOND RD (ARROW RIGHT)	132	X	36	33.000				1	2	2			
272	R5-1A(3)		42	X	30	8.750								271	REMOVAL PART OF # 271
273	R5-1(3)		36	X	36	9.000				1	1	1			
274	R4-7(2S)		24	X	30	5.000				1	1	1			
275	R4-7(3)		36	X	48	12.000				1	1	1			
276	R4-7(3)		36	X	48	12.000				1	1	1			
277	R1-1(3)		36	X	36	7.460								274	REMOVAL PART OF # 274
278	R6-3(2M)		30	X	24	5.000								274	REMOVAL PART OF # 274
279	R6-2L									1	1				
280	R5-1A(3)		42	X	30	8.750								250	REMOVAL PART OF #250
281	R5-1(3)		36	X	36	9.000				1	1	1			
282	R5-2(2S)		24	X	24	4.000				1	1		1		
283	R5-2A(2S)		24	X	24	4.000								282	REMOVAL PART OF # 282
284	R1-1(3)		36	X	36	7.460				1	1	1			
285	R6-3(2M		30	X	24	5.000								284	
286	R6-1R(3)		48	X	18	6.000								284	
287	R6-1L(3)		48	X	18	6.000								284	
288	R6-2L									1	1				
289	R2-1(3)	SPEED LIMIT 45	36	X	48	12.000				1	1	1			
290	R2-1(3)	SPEED LIMIT 45	36	X	48	12.000				1	1	1			
291	D1-1	CLOVER DR (ARROW LEFT)	90	X	21	13.125				1	2	2			
292	R3-20L(3)		36	X	54	13.500				1	1	1			
293	R5-1A(3)		42	X	30	8.750				1	1	1			
294	R3-1(3)		36	X	36	9.000				1	1	1			
295	R5-1(3)		36	X	36	9.000				1	1	1			
296	R4-7(3)		36	X	48	12.000				1	1	1			
297	R4-7(3)		36	X	48	12.000				1	1	1			
298	R1-1(3)		36	X	36	7.460				1	1	1			
299	R6-3(2M)		30	X	24	5.000								298	
300	R6-1R(3)		48	X	18	6.000								298	

SHEET: 10 OF 14

CATEGORY CODE 1000

SIGN NO.		SIGN MESSAGE	SIGN SIZE W [IN.]	x	H [IN.]	637.2210 SIGNS TYPE II REFLECTIVE H [SF]	637.2230 SIGNS TYPE II RELFECTIVE F [SF]	637.2215 SIGNS TYPE II REFLECTIVE H FOLDING (SF)	638.2102 MOVING SIGNS TYPE II [EA]	638.2602 REMOVING SIGNS TYPE II (EA)	638.3000 REM SMALL SIGN SUP [EA]	634.0618 POSTS WOOD 4" X 6" X 18' [EA]	634.0814 POSTS TUBULAR STEEL 2 X 2 INCH X 14 FT (EA)	MOUNT ON SAME POST AS SIGN #	REMARKS / NEW SIGN LOCATION
301	R6-1L(3)		48	X	18	6.000								298	
302	R6-2L									1	1				
303	R4-7(3)		36	X	48	12.000				1	1	1			
304	R4-7(3)		36	X	48	12.000				1	1	1			
305	R2-1(3)	SPEED LIMIT 45	36	X	48	12.000				1	1	1			
306	R2-1(3)	SPEED LIMIT 45	36	X	48	12.000				1	1	1			
307	D1-1	PROSPECT CT (ARROW LEFT)	108	X	21	15.750				1	2	2			
308	R5-1A(3)		42	X	30	8.750				1	1	1			
309	R3-20L(3)		36	X	54	13.500				1	1	1			
310	W3-3(3)		36	X	36		9.000			1	1	1			
311	W3-3(3)		36	X	36		9.000			1	1	1			
312	J1-1(3)		36	X	57	14.250				1	1	1			
	M2-1		30	X	21										
	M1-5A	CTH VV	36	X	36										
313	J1-1(3)		36	X	57	14.250				1	1	1			
	M2-1		30	X	21										
	M1-5A	CTH VV	36	X	36										
314	NONE	BUSINESS FRONTAGE RD (ARROW RIGHT)	108	X	36	27.000				1	2	2			
315	R5-1(3)		36	X	36	9.000				1	1	1			
316	NOT USED														
317	R1-1(3)		36	X	36	7.460				1	1	1			
318	NOT USED														
318A	NOT USED														
319	R5-1(3)		36	X	36	9.000						1		321	REMOVAL PART O F # 321
320	NONE	DIVIDED HWY NOW OPEN								1	1				
321	I55-56(2S)		30	X	18	3.750				1	1	1			
322	I55-56P(2S)	HORNE MUDLITZ VFW POST # 6377	30	X	18	3.750								321	REMOVAL PART OF # 321
323	R4-7(3)		36	X	48	12.000				1	1	1			
324	R4-7(3)		36	X	48	12.000				1	1	1			
325	R1-1(3)		36	X	36	7.460				1	1	1			
326	NOT USED														
327	NOT USED														
328	NOT USED														
329	R2-1(3)	SPEED LIMIT 45	36	X	48	12.000				1	1	1			

CATEGORY CODE 1000

SIGN NO.		SIGN MESSAGE	SIGN SIZE W [IN.]	x	SIGN SIZE H [IN.]	637.2210 SIGNS TYPE II REFLECTIVE H [SF]	637.2230 SIGNS TYPE II RELFECTIVE F [SF]	637.2215 SIGNS TYPE II REFLECTIVE H FOLDING (SF)	638.2102 MOVING SIGNS TYPE II [EA]	638.2602 REMOVING SIGNS TYPE II (EA)	638.3000 REM SMALL SIGN SUP [EA]	634.0618 POSTS WOOD 4" X 6" X 18' [EA]	634.0814 POSTS TUBULAR STEEL 2 X 2 INCH X 14 FT (EA)	MOUNT ON SAME POST AS SIGN #	REMARKS / NEW SIGN LOCATION
330	R2-1(3)	SPEED LIMIT 45	36	x	48	12.000				1	1	1			
331	D1-1	DOWNTOWN SUSSEX (ARROW RIGHT)	96	x	36	24.000				1	2	2			
332	J2-1(3)		36	x	84	21.000				1	2	2			
	M3-4		36	x	18										
	M1-5A	CTH VV	36	x	36										
	M5-1L		30	x	30										
333	J2-1(3)		36	x	84	21.000				1	2	2			
	M3-2		36	x	18										
	M1-5A	CTH VV	36	x	36										
	M5-1R		30	x	30										
334	R3-20L(3)		36	x	54	13.500				1	1	1			
335	R5-1A(3)		42	x	30	8.750								333	REMOVAL PART OF # 333
336	J3-1(3)		36	x	84	21.000				1	2	2			
	M3-2		36	x	18										
	M1-5A	CTH VV	36	x	36										
	M6-1		30	x	30										
337	J3-1(3)		36	x	84	21.000				1	2	2			
	M3-4		36	x	18										
	M1-5A	CTH VV	36	x	36										
	M6-1		30	x	30										
338	J4-1(3)		36	x	54	13.500				1	1	1			
	M3-3		36	x	18										
	M1-6	STH 164	36	x	36										
339	R2-1(3)	SPEED LIMIT 45	36	x	48	12.000				1	1	1			
340	R2-1(3)	SPEED LIMIT 45	36	x	48	12.000				1	1	1			
341	R3-20L(3)		36	x	54	13.500				1	1	1			
342	D1-2	BUSINESS FRONTAGE RD (ARROW LEFT) ;PROSPECT CT (ARROW RIGHT)	108	x	48	36.000				1	2	2			
343	R3-20L(3)		24	x	36	6.000				1	1	1			
344	R5-1									1	1				
345	R1-2(2M)		48	x	42	7.000				1					LIGHT POLE
346	J3-1(2M)		24	x	57	9.500				1	1	1			
347	R3-8LL(2S)		36	x	30	7.500						1			
348	R1-1F(3)		36	x	36			7.460		1					SIGNAL POLE
349	R1-1F(3)		36	x	36			7.460		1					SIGNAL POLE
350	R6-3(2M)		30	x	24	5.000									SIGNAL POLE
351	R6-3(2M		30	x	24	5.000									SIGNAL POLE
352	R5-1(3)		36	x	36	9.000				1					SIGNAL POLE
353	R6-2L(3)		36	x	48	12.000				1	1				SIGNAL POLE
354	J4-1(3)		36	x	54	13.500				1	1	1			
	M3-1		36	x	18										
	M1-6	STH 164	36	x	36										
355	W11-2									1	1				INCLUDES REMOVAL OF W16-7L
356	R2-1(3)	SPEED LIMIT 45	36	x	48	12.000				1	1	1			
357	R2-1(3)	SPEED LIMIT 45	36	x	48	12.000				1	1	1			
358	J3-1(3)		36	x	84	21.000				1	2	2			
	M3-2		36	x	18										
	M1-5A	CTH VV	36	x	36										
	M6-1		30	x	30										
359	J3-1(3)		36	x	84	21.000				1	1	1			
	M3-4		36	x	18										
	M1-5A	CTH VV	36	x	36										
	M6-1		30	x	30										
360	R5-1									1	1				

CATEGORY CODE 1000

SIGN NO.		SIGN MESSAGE	SIGN SIZE W [IN.]	x	H [IN.]	637.2210 SIGNS TYPE II REFLECTIVE H [SF]	637.2230 SIGNS TYPE II RELFECTIVE F [SF]	637.2215 SIGNS TYPE II REFLECTIVE H FOLDING (SF)	638.2102 MOVING SIGNS TYPE II [EA]	638.2602 REMOVING SIGNS TYPE II (EA)	638.3000 REM SMALL SIGN SUP [EA]	634.0618 POSTS WOOD 4" X 6" X 18' [EA]	634.0814 POSTS TUBULAR STEEL 2 X 2 INCH X 14 FT (EA)	MOUNT ON SAME POST AS SIGN #	REMARKS / NEW SIGN LOCATION
361	M1-94S	164 PEWAUKEE RD	102	X	18	12.750									SIGNAL ARM
362	M1-94S	VV SPRINGDALE RD	102	X	18	12.750									SIGNAL ARM
363	W12-1D(2S)		24	X	24		4.000			1	1	1			2 FOOT MOUNTING HEIGHT
364	R1-1F(3)		36	X	36			7.460		1					SIGNAL POLE
365	R1-1F(3)		36	X	36			7.460		1					SIGNAL POLE
366	R6-3(2M		30	X	24	5.000									SIGNAL POLE
367	R6-3(2M)		30	X	24	5.000									SIGNAL POLE
368	R1-1F(3)		36	X	36			7.460		1					SIGNAL POLE
369	R1-1F(3)		36	X	36			7.460		1					SIGNAL POLE
370	R1-2(2M)		48	X	42	7.000				1					LIGHT POLE
371	NOT USED														
372	R5-1(3)		36	X	36	9.000				1					SIGNAL POLE
373	J13-1(2M)		24	X	45	7.500				1	1	1			
	M6-4		21	X	21										
	M1-6	STH 164	24	X	24										
374	R6-2L(2M)		30	X	36	7.500				1					SIGNAL POLE
375	R4-7(3)		36	X	48	12.000				1					SIGNAL POLE
376	R4-7(3)		36	X	48	12.000				1					SIGNAL POLE
377	M1-94S	164 PEWAUKEE RD	102	X	18	12.750									SIGNAL ARM
378	R6-2L(2M)		30	X	36	7.500									SIGNAL POLE
379	R1-1F(3)		36	X	36			7.460		1					SIGNAL POLE
380	R1-1F(3)		36	X	36			7.460		1					SIGNAL POLE
381	W12-1D(2S)		24	X	24		4.000			1		1			2 FOOT MOUNTING HEIGHT
382	R6-2L(3)		36	X	48	12.000				1					SIGNAL POLE
383	M1-94S	VV SILVER SPRING DR	102	X	18	12.750									SIGNAL ARM
384	W11-2									1	1				INCLUDES REMOVAL OF W16-7L
385	R5-1(3)		36	X	36	9.000				1					SIGNAL POLE
386	R4-7(2M)		24	X	30	5.000				1					SIGNAL POLE
387	R4-7(2M)		24	X	30	5.000				1					SIGNAL POLE
388	R2-1(3)	SPEED LIMIT 45	36	X	48	12.000				1	1	1			SHEET 6 OF 40
389	R5-1(3)		36	X	36	9.000				1	1	1			
390	R4-7(3)		36	X	48	12.000				1	1	1			
391	R4-7(3)		36	X	48	12.000				1	1	1			

SHEET: 13 OF 14

CATEGORY CODE 1000

SIGN NO.		SIGN MESSAGE	SIGN SIZE W [IN.]	x	H [IN.]	637.2210 SIGNS TYPE II REFLECTIVE H [SF]	637.2230 SIGNS TYPE II RELFECTIVE F [SF]	637.2215 SIGNS TYPE II REFLECTIVE H FOLDING (SF)	638.2102 MOVING SIGNS TYPE II [EA]	638.2602 REMOVING SIGNS TYPE II (EA)	638.3000 REM SMALL SIGN SUP [EA]	634.0618 POSTS WOOD 4" X 6" X 18' [EA]	634.0814 POSTS TUBULAR STEEL 2 X 2 INCH X 14 FT (EA)	MOUNT ON SAME POST AS SIGN #	REMARKS / NEW SIGN LOCATION
392	R1-1F(3)		36	X	36			7.460			`	`		16	SHEET 1 . REMOVAL OF SIGN PART OF # 16
393	R5-1(3)		36	X	36	9.000						1			SHEET 18
394	R5-1(3)		36	X	36	9.000						1			SHEET 18
395	R3-53R(2S)		24	X	30	5.000						1			SHEET 18
396	R3-53R(2S)		24	X	30	5.000						1			SHEET 18
397	R6-2R(2S)		24	X	30	5.000						1			SHEET 18
398	R6-2R(2S)		24	X	30	5.000						1			SHEET 18
399	W5-53(2S)		6	X	12		0.500					1			SHEET 18, 2 FOOT MOUNTING HEIGHT
400	W5-53(2S)		6	X	12		0.500					1			SHEET 18, 2 FOOT MOUNTING HEIGHT
UNDISTRIBUTED									4				4		
CATEGORY CODE 1000						3442.070	173.000	216.340	4	300	254	257	5	--	--

SHEET: 14 OF 14

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SUMMARY OF STATE FURNISHED MATERIALS - FOR INFORMATION ONLY

QUANTITY	UNIT	DESCRIPTION
1	EACH	TRAFFIC SIGNAL CONTROLLER AND CABINET
4	EACH	EVP DETECTOR HEADS
1	EACH	POLES TYPE 9 SPECIAL
2	EACH	POLES TYPE 9 OVER HEIGHT SPECIAL
1	EACH	POLES TYPE 10
1	EACH	MONOTUBE ARMS 30-FT
3	EACH	MONOTUBE ARMS 45-FT SPECIAL
1	EACH	LUMINAIRE ARM, STEEL 15-FT
1	EACH	COHU CAMERA
1	EACH	RADAR DETECTION SYSTEM

CONCRETE BASE REMOVALS

EXISTING BASE NUMBER	204.0195*** REMOVING CONCRETE BASES EACH
SB1	1
SB2	1
SB3	1
SB4	1
SB5	1
SB6	1
SB7	1
SB8	1
SB9	1
SB10	1
SB11	1
SB12	1
SB13	1
SB14	1
SB15	1
CB1	1
TOTAL	16

***ADDITIONAL QUANTITIES SHOWN ELSEWHERE

CONDUIT

FROM	TO	652.0225*** CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH LF	652.0235*** CONDUIT RIGID NONMETALLIC SCHEDULE 40 3-INCH LF	652.0605*** CONDUIT SPECIAL 2-INCH LF	652.0615*** CONDUIT SPECIAL 3-INCH LF
CB1	PB1	--	93	--	--
PB1	PB2	--	100	--	--
PB2	PB3	188	--	--	--
PB3	PB4	--	--	148	--
PB2	PB5	--	--	--	124
PB5	PB6	--	--	--	100
PB6	PB7	--	110	--	--
PB7	PB8	144	--	--	--
PB7	PB9	--	--	--	68
PB9	PB10	18	--	--	--
PB9	PB11	--	--	--	104
PB11	PB12	--	84	--	--
PB12	PB13	194	--	--	--
PB13	PB14	152	--	--	--
PB12	PB15	--	--	--	132
PB15	PB16	--	--	--	92
PB16	PB17	--	122	--	--
PB17	PB18	236	--	--	--
PB17	PB19	--	--	--	140
PB19	PB20	--	90	--	--
PB20	CB1	--	60	--	--
PB2	SB1	29	--	--	--
PB5	SB2	12	--	--	--
PB5	SB3	30	--	--	--
SB3	SB4	150	--	--	--
SB4	SB5	151	--	--	--
PB6	SB6	--	10	--	--
PB7	SB7	10	--	--	--
PB10	SB8	15	--	--	--
PB11	SB9	--	4	--	--
PB11	SB10	4	--	--	--
PB12	SB11	20	--	--	--
PB15	SB12	20	--	--	--
PB15	SB13	6	--	--	--
SB13	SB14	150	--	--	--
SB14	SB15	150	--	--	--
PB16	SB16	--	23	--	--
PB17	SB17	11	--	--	--
PB19	SB18	--	7	--	--
TOTAL		1690	703	148	760

PULL BOXES NON-CONDUCTIVE

PULL BOX NUMBER	STATION	LOCATION	653.0154*** PULL BOXES NON-CONDUCTIVE 24 X 36 - INCH EACH	653.0164*** PULL BOXES NON-CONDUCTIVE 24 X 42 - INCH EACH
PB1	78+16.9	69.7' RT	--	1
PB2	78+01.8	51.7' RT	--	1
PB3	78+00.2	4.1' LT	1	--
PB4	76+18.5	3.8' LT	1	--
PB5	74+89.9	6.2' RT	--	1
PB6	77+99.8	51.1' LT	--	1
PB7	78+29.7	71.8' LT	--	1
PB8	78+30.2	89.3' LT	1	--
PB9	78+86.5	75.1' LT	--	1
PB10	78+77.6	299.5' LT	1	--
PB11	79+32.6	77.4' LT	--	1
PB12	79+87.4	51.1' LT	--	1
PB13	81+40.6	52.9' LT	1	--
PB14	82.70.2	52.3' LT	1	--
PB15	79+88.7	9.9' RT	--	1
PB16	80+14.4	9.9' RT	--	1
PB17	79+88.7	51.2' RT	--	1
PB18	79+35.8	82.2' RT	1	--
PB19	79+36.0	89.2' RT	--	1
PB20	79+42.6	308.2' RT	--	1
		TOTAL	7	13

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ALL ITEMS ON THIS SHEET ARE CATEGORY 1500

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LOOP DETECTOR SCHEDULE

LOOP NUMBER	HOME RUN PB	STATION	LOCATION	SIZE (FT)X(FT)	NO. OF TURNS	PAVEMENT TYPE	SDD INSTALLATION REFERENCE	652.0800*** CONDUIT LOOP DETECTOR LF	655.0700*** LOOP DETECTOR LEAD IN CABLE LF	655.0800*** LOOP DETECTOR WIRE LF
11	PB5	77+76.9	8.96' RT	6X20	3	ASHPHALT	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 1)	78	170	244
12	PB5	78+04.9	8.93' RT	6X20	3	ASHPHALT	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 1)	68	170	214
21	PB14	82+70.2	42.1' LT	6X20	4	ASHPHALT	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 1)	88	681	362
22	PB13	82+70.2	30.1' LT	6X20	4	ASHPHALT	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 1)	90	529	370
31	PB17	78+91.1	114.7' RT	6X20	3	ASHPHALT	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	102	162	316
32	PB17	78+90.5	86.7' RT	6X20	3	ASHPHALT	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	104	162	322
41	PB8	78+45.8	307.3' LT	6X6	5	ASHPHALT	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 1)	34	419	180
42	PB10	78+57.7	307.4' LT	6X20	3	ASHPHALT	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	96	327	298
43	PB10	78+48.9	93.2' LT	6X20	3	ASHPHALT	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	96	327	298
51	PB15	79+92.1	8.7' LT	6X20	3	ASHPHALT	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 1)	70	269	220
52	PB15	79+64.1	8.7' LT	6X20	3	ASHPHALT	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 1)	68	269	214
61	PB4	74+88.6	43.3' RT	6X20	4	ASHPHALT	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 1)	80	444	330
62	PB3	74+88.6	31.3' RT	6X20	3	ASHPHALT	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 1)	88	296	274
71	PB10	78+72.9	93.8' LT	6X20	3	ASHPHALT	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 1)	74	327	232
72	PB10	78+73.6	65.7' LT	6X20	3	ASHPHALT	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 1)	74	327	232
81	PB18	79+19.8	310.1' RT	6X6	5	ASHPHALT	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 1)	54	398	280
82	PB17	79+07.8	310.1' RT	6X20	3	ASHPHALT	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 1)	78	162	244
83	PB17	79+25.4	87.0' RT	6X20	3	ASHPHALT	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 1)	82	162	256
							TOTAL	1424	5601	4886

***ADDITIONAL QUANTITIES SHOWN ELSEWHERE

ALL ITEMS ON THIS SHEET ARE CATEGORY 1500

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PULL BOX REMOVALS

EXISTING PULL BOX NUMBER	653.0905*** REMOVING PULL BOXES EACH
PB1	1
PB2	1
PB3	1
PB4	1
PB5	1
PB6	1
PB7	1
PB8	1
PB9	1
PB10	1
PB11	1
PB12	1
PB13	1
PB14	1
PB15	1
PB16	1
PB17	1
PB18	1
PB19	1
PB20	1
PB21	1
PB22	1
PB23	1
TOTAL	23

LIGHTING WIRE

FROM	TO	655.0320*** CABLE TYPE UF 2 - 10 AWG GROUNDED LF	655.0615*** ELECTRICAL WIRE LIGHTING 10 AWG LF
CB1	SB3	166	--
SB3	LUMIN (2)	--	234
SB3	SB4	158	--
SB4	LUMIN	--	117
SB4	SB5	159	--
SB5	LUMIN	--	117
SB3	SB8	290	--
SB8	LUMIN (2)	--	234
CB1	SB18	115	--
SB18	LUMIN	--	144
SB18	SB13	262	--
SB13	LUMIN (2)	--	234
SB13	SB14	158	--
SB14	LUMIN	--	117
SB14	SB15	158	--
SB15	LUMIN	--	117
TOTAL		1466	1314

TRAFFIC SIGNAL CABLE NO. 14 (BELOW GROUND)

FROM	TO	655.0240*** CABLE TRAFFIC SIGNAL 7 - 14 AWG LF	655.0260*** CABLE TRAFFIC SIGNAL 12 - 14 AWG LF
CB1	SB1	--	153
CB1	SB2	--	214
CB1	SB6	278	--
CB1	SB7	--	349
CB1	SB9	--	477
CB1	SB10	477	--
CB1	SB11	--	435
CB1	SB12	353	--
CB1	SB16	--	294
CB1	SB17	--	205
CB1	SB18	--	115
TOTAL		1108	2242

TRAFFIC SIGNAL CABLE NO. 14 (ABOVE GROUND)

FROM	TO	655.0230*** CABLE TRAFFIC SIGNAL 5 - 14 AWG LF	655.0240*** CABLE TRAFFIC SIGNAL 7 - 14 AWG LF
SB1	HEAD 1	21	--
SB1	HEAD 11	--	22
SB2	HEAD 4	--	22
SB2	HEAD 12	--	22
SB6	HEAD 8	65	--
SB6	HEAD 9	53	--
SB7	HEAD 16	--	22
SB7	HEAD 18	21	--
SB7	HEAD 23	15	--
SB9	HEAD 14	41	--
SB9	HEAD 15	24	--
SB9	HEAD 17	--	70
SB10	HEAD 25	15	--
SB11	HEAD 5	--	22
SB11	HEAD 7	21	--
SB11	HEAD 24	15	--
SB12	HEAD 10	--	22
SB16	HEAD 2	61	--
SB16	HEAD 3	47	--
SB16	HEAD 6	--	72
SB16	HEAD 26	15	--
SB17	HEAD 13	21	--
SB17	HEAD 21	--	22
SB18	HEAD 19	44	--
SB18	HEAD 20	24	--
SB18	HEAD 22	--	52
TOTAL		501	348

CONCRETE BASES

BASE NUMBER	STATION	LOCATION	654.0101*** CONCRETE BASES TYPE 1 EACH	654.0105*** CONCRETE BASES TYPE 5 EACH	654.0110*** CONCRETE BASES TYPE 10 EACH	654.0120*** CONCRETE BASES TYPE 10-SPECIAL EACH	654.0217*** CONCRETE CONTROL CABINET BASES TYPE 9 SPECIAL EACH
SB1	78+33.9	72.9' RT	1	--	--	--	--
SB2	78+25.0	60.8' RT	1	--	--	--	--
SB3	78+12.6	51.4' RT	--	1	--	--	--
SB4	78+18.4	3.8' LT	--	1	--	--	--
SB5	77+88.9	0	--	1	--	--	--
SB6	78+15.2	51.9' LT	--	--	--	1	--
SB7	78+28.6	61.9' LT	1	--	--	--	--
SB8	78+86.7	68.2' LT	--	1	--	--	--
SB9	79+34.6	64.4' LT	--	--	--	1	--
SB10	79+45.9	53.7' LT	1	--	--	--	--
SB11	79+72.6	10.0' RT	1	--	--	--	--
SB12	79+59.0	51.9' RT	1	--	--	--	--
SB13	79+46.6	62.4' RT	--	1	--	--	--
SB14	79+36.2	65.4' RT	--	1	--	--	--
SB15	78+80.8	101.6' RT	--	1	--	--	--
SB16	78+80.9	101.6' RT	--	--	--	1	--
SB17	78+80.10	101.6' RT	1	--	--	--	--
SB18	78+80.11	101.6' RT	--	--	1	--	--
CB1	78+16.9	75.0' RT	--	--	--	--	1
		TOTAL	7	7	1	3	1

***ADDITIONAL QUANTITIES SHOWN ELSEWHERE

ELECTRIC WIRE TRAFFIC SIGNALS, NO. 10

FROM	TO	655.0515*** ELECTRICAL WIRE TRAFFIC SIGNALS 10 AWG LF
CB1	SB1	153
SB1	SB2	143
SB2	SB6	112
SB6	SB7	115
SB7	SB9	156
SB9	SB10	32
SB10	SB11	106
SB11	SB12	146
SB12	SB16	129
SB16	SB17	131
SB17	SB18	294
SB18	CB1	115
TOTAL		1632

TRAFFIC SIGNAL EVP DETECTOR CABLE

FROM	TO	655.0900*** TRAFFIC SIGNAL EVP DETECTOR CABLE LF
CB1	SB6 (HEAD A)	349
CB1	SB16 (HEAD B)	365
CB1	SB18 (HEAD C)	171
CB1	SB9 (HEAD D)	548
TOTAL		1433

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CAST BASES, POLES, MONOTUBE ARMS, PUSH BUTTONS, AND LUMINAIRES

SIGNAL BASE NUMBER	657.0100*** PEDESTAL BASES EACH	657.0255*** TRANSFORMER BASES BREAKAWAY 11 1/2-INCH BOLT CIRCLE EACH	657.0321*** POLES TYPE 5 STEEL EACH	657.0425*** TRAFFIC SIGNAL STANDARDS ALUMINUM 15-FT EACH	657.0430*** TRAFFIC SIGNAL STANDARDS ALUMINUM 10-FT EACH	SPV.0060.21 INSTALL POLES TYPE 10 EACH	SPV.0060.22 INSTALL POLES TYPE 9 SPECIAL EACH	SPV.0060.23*** INSTALL POLES TYPE 9 OVER HEIGHT SPECIAL EACH	SPV.0060.25 INSTALL MONOTUBE ARMS 30-FT EACH	SPV.0060.27*** INSTALL MONOTUBE ARMS 45-FT SPECIAL EACH
SB1	1	--	--	1	--	--	--	--	--	--
SB2	1	--	--	1	--	--	--	--	--	--
SB3	--	1	1	--	--	--	--	--	--	--
SB4	--	1	1	--	--	--	--	--	--	--
SB5	--	1	1	--	--	--	--	--	--	--
SB6	--	--	--	--	--	--	--	1	--	1
SB7	1	--	--	1	--	--	--	--	--	--
SB8	--	1	1	--	--	--	--	--	--	--
SB9	--	--	--	--	--	--	1	--	--	1
SB10	1	--	--	--	1	--	--	--	--	--
SB11	1	--	--	1	--	--	--	--	--	--
SB12	1	--	--	1	--	--	--	--	--	--
SB13	--	1	1	--	--	--	--	--	--	--
SB14	--	1	1	--	--	--	--	--	--	--
SB15	--	1	1	--	--	--	--	--	--	--
SB16	--	--	--	--	--	--	--	1	--	1
SB17	1	--	--	1	--	--	--	--	--	--
SB18	--	--	--	--	--	1	--	--	1	--
TOTAL	7	7	7	6	1	1	1	2	1	3

CAST BASES, POLES, MONOTUBE ARMS, PUSH BUTTONS, AND LUMINAIRES

SIGNAL BASE NUMBER	657.0714*** LUMINAIRE ARMS TRUSS TYPE 4-INCH CLAMP 15-FOOT EACH	SPV.0060.28 INSTALL LUMINAIRE ARMS STEEL 15-FT EACH	658.0500*** PEDESTRIAN PUSH BUTTONS EACH	659.1125*** LUMINAIRES UTILITY LED C EACH
SB1	--	--	--	--
SB2	--	--	--	--
SB3	2	--	--	2
SB4	1	--	--	1
SB5	1	--	--	1
SB6	--	--	--	--
SB7	--	--	1	--
SB8	2	--	--	2
SB9	--	--	--	--
SB10	--	--	1	--
SB11	--	--	1	--
SB12	--	--	--	--
SB13	2	--	--	2
SB14	1	--	--	1
SB15	1	--	--	1
SB16	--	--	1	--
SB17	--	--	--	--
SB18	--	1	--	1
TOTAL	10	1	4	11

***ADDITIONAL QUANTITIES SHOWN ELSEWHERE

LAMP, BALLAST, LED, SWITCH DISPOSAL BY CONTRACTOR

EXISTING BASE NUMBER	659.5000.S*** LAMP, BALLAST, LED, SWITCH DISPOSAL BY CONTRACTOR EACH
SB1	1
SB2	2
SB3	2
SB4	2
SB5	1
SB6	1
SB7	2
SB8	1
SB9	2
SB10	1
SB11	1
SB12	2
SB13	2
SB14	2
SB15	2
CB1	1
TOTAL	25

ELECTRICAL SERVICE METER BREAKER PEDESTAL
STH 164 & SWAN ROAD

BASE NUMBER	656.0201.01 ELECTRICAL SERVICE METER BREAKER PEDESTAL EACH
CB1	1
TOTAL	1

REMOVE, SALVAGE, & REINSTALL FIBER OPTIC INTERCONNECT
STH 164 & SWAN ROAD

LOCATION	SPV.0060.45 REMOVE, SALVAGE, & REINSTAL FIBER OPTIC INTERCONNECT EACH
STH 164 & SWAN ROAD	1
TOTAL	1

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TRAFFIC SIGNAL AND PEDESTRIAN FACES, AND BACKPLATES

SIGNAL HEAD NUMBER	SIGNAL BASE NUMBER	658.0173*** TRAFFIC SIGNAL FACE 3S-12 INCH EACH	658.0174*** TRAFFIC SIGNAL FACE 4S-12 INCH EACH	658.0416*** PEDESTRIAN SIGNAL FACE 16-INCH EACH
1	SB1	1	--	--
2	SB16	1	--	--
3	SB16	1	--	--
4	SB2	--	1	--
5	SB11	--	1	--
6	SB16	--	1	--
7	SB11	1	--	--
8	SB6	1	--	--
9	SB6	1	--	--
10	SB12	--	1	--
11	SB1	--	1	--
12	SB2	--	1	--
13	SB17	1	--	--
14	SB9	1	--	--
15	SB9	1	--	--
16	SB7	--	1	--
17	SB9	--	1	--
18	SB7	1	--	--
19	SB18	1	--	--
20	SB18	1	--	--
21	SB17	--	1	--
22	SB18	--	1	--
23	SB7	--	--	1
24	SB11	--	--	1
25	SB10	--	--	1
26	SB16	--	--	1
	TOTAL	12	10	4

SIGNAL MOUNTING HARDWARE
STH 164 & SWAN ROAD

LOCATION	658.5070.01 SIGNAL MOUNTING HARDWARE EACH
STH 164 & SWAN ROAD	1
TOTAL	1

TRANSPORT TRAFFIC SIGNAL AND INTERSECTION LIGHTING MATERIALS
STH 164 & SWAN ROAD

LOCATION	SPV.0060.36 TRANSPORT TRAFFIC SIGNAL AND INTERSECTION LIGHTING MATERIALS EACH
STH 164 & SWAN ROAD	1
TOTAL	1

TRANSPORT AND INSTALL STATE FURNISHED TRAFFIC SIGNAL CABINET
STH 164 & SWAN ROAD

LOCATION	SPV.0060.29 TRANSPORT AND INSTALL STATE FURNISHED TRAFFIC SIGNAL CABINET EACH
STH 164 & SWAN ROAD	1
TOTAL	1

REMOVE TRAFFIC SIGNALS
STH 164 & SWAN ROAD

LOCATION	204.9060.S.01 REMOVING TRAFFIC SIGNALS EACH	204.9060.S.05 REMOVING LOOP DETECTOR WIRE AND LEAD-IN CABLE EACH
STH 164 & SWAN ROAD	1	1
TOTAL	1	1

TEMPORARY TRAFFIC SIGNALS FOR INTERSECTIONS
STH 164 & SWAN ROAD

LOCATION	661.0201.01 TEMPORARY TRAFFIC SIGNALS FOR INTERSECTIONS EACH	661.0300*** GENERATORS DAY	677.0200*** INSTALL CAMERA ASSEMBLY EACH
STH 164 & SWAN ROAD	1	2	1
TOTAL	1	2	1

***ADDITIONAL QUANTITIES SHOWN ELSEWHERE

TEMPORARY EMERGENCY VEHICLE PREEMPTION SYSTEM
STH 164 & SWAN ROAD

LOCATION	SPV.0060.42 TEMPORARY EMERGENCY VEHICLE PREEMPTION SYSTEM EACH
STH 164 & SWAN ROAD	4
TOTAL	4

TRANSPORT AND INSTALL STATE FURNISHED EVP DETECTOR HEADS
STH 164 & SWAN ROAD

LOCATION	SPV.0060.39 TRANSPORT AND INSTALL STATE FURNISHED EVP DETECTOR HEADS EACH
STH 164 & SWAN ROAD	4
TOTAL	4

TRANSPORT AND INSTALL STATE FURNISHED RADAR DETECTION SYSTEM
STH 164 & SWAN ROAD

LOCATION	SPV.0060.32 TRANSPORT AND INSTALL STATE FURNISHED RADAR DETECTION SYSTEM EACH
STH 164 & SWAN ROAD	1
TOTAL	1

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ALL ITEMS ON THIS SHEET ARE CATEGORY 1500

SIGNAL NO. S67-0921
STH 164 & SWAN ROAD
PAGE 5 OF 5

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SUMMARY OF STATE FURNISHED MATERIALS - FOR INFORMATION ONLY

QUANTITY	UNIT	DESCRIPTION
1	EACH	RADAR DETECTION UNIT

TRAFFIC SIGNAL CABLE NO. 14 (ABOVE GROUND)

FROM	TO	655.0230*** CABLE TRAFFIC SIGNAL 5 - 14 AWG LF
SB14	HEAD 23	15
SB15	HEAD 24	15
TOTAL		30

TRAFFIC SIGNAL CABLE NO. 14 (BELOW GROUND)

FROM	TO	655.0240*** CABLE TRAFFIC SIGNAL 7 - 14 AWG LF
CB1	SB14	459
CB1	SB15	368
TOTAL		827

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CONDUIT

FROM	TO	652.0225*** CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH LF
PB11	PB20	154
TOTAL		154

***ADDITIONAL QUANTITIES SHOWN ELSEWHERE

PULL BOXES NON-CONDUCTIVE

PULL BOX NUMBER	STATION	LOCATION	653.0154*** PULL BOXES NON-CONDUCTIVE 24 X 36 - INCH EACH
PB7	78+16.8	69.7' RT	1
PB20	78+16.9	69.7' RT	1
		TOTAL	2

TRAFFIC SIGNAL AND PEDESTRIAN FACES, AND BACKPLATES

SIGNAL HEAD NUMBER	SIGNAL BASE NUMBER	658.0416*** PEDESTRIAN SIGNAL FACE 16-INCH EACH
23	SB14	1
24	SB15	1
	TOTAL	2

PUSH BUTTONS

SIGNAL BASE NUMBER	658.0500*** PEDESTRIAN PUSH BUTTONS EACH
SB14	1
SB15	1
TOTAL	2

LOOP DETECTOR SCHEDULE

LOOP NUMBER	HOME RUN PB	STATION	LOCATION	SIZE (FT)X(FT)	NO. OF TURNS	PAVEMENT TYPE	SDD INSTALLATION REFERENCE	652.0800*** CONDUIT LOOP DETECTOR LF	655.0700*** LOOP DETECTOR LEAD IN CABLE LF	655.0800*** LOOP DETECTOR WIRE LF
11	PB9	77+76.9	8.96' RT	6X20	3	ASHPHALT	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 1)	74	309	232
12	PB9	78+04.9	8.93' RT	6X20	3	ASHPHALT	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 1)	68	309	214
13	PB9	82+70.2	42.1' LT	6X20	3	ASHPHALT	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	94	309	292
14	PB9	82+70.2	30.1' LT	6X20	3	ASHPHALT	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	92	309	286
22	PB15	78+91.1	114.7' RT	6X20	3	ASHPHALT	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 1)	102	388	316
41	PB20	78+57.7	307.4' LT	6X6	6	ASHPHALT	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 1)	64	494	394
42	PB11	78+48.9	93.2' LT	6X20	3	ASHPHALT	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 1)	74	340	232
43	PB11	79+92.1	8.7' LT	6X20	3	ASHPHALT	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 1)	70	340	220
44	PB12	79+64.1	8.7' LT	6X20	3	ASHPHALT	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 1)	72	305	226
45	PB12	74+88.6	43.3' RT	6X20	3	ASHPHALT	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 1)	68	305	214
51	PB17	74+88.7	43.3' RT	6X20	3	ASHPHALT	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 1)	68	116	214
52	PB17	74+88.8	43.3' RT	6X20	3	ASHPHALT	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 1)	74	116	232
61	PB7	74+88.9	43.3' RT	6X20	4	ASHPHALT	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 1)	96	617	394
62	PB6	74+88.9	43.3' RT	6X20	4	ASHPHALT	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 1)	106	373	434
82	PB2	74+88.10	43.3' RT	6X20	3	ASHPHALT	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 1)	100	78	310
83	PB2	74+88.6	31.3' RT	6X20	3	ASHPHALT	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 1)	90	78	280
							TOTAL	1312	4786	4490

ALL ITEMS ON THIS SHEET ARE CATEGORY 1500

SIGNAL NO. S67-1340
STH 164 & COSTCO DWY
PAGE 1 OF 2

***ADDITIONAL QUANTITIES SHOWN ELSEWHERE

INSTALL CONDUIT INTO EXISTING ITEM

STRUCTURE NUMBER	SPV.0060.47 INSTALL CONDUIT INTO EXISTING ITEM EACH
PB2	1
PB6	1
PB7	1
PB9	1
PB11	1
PB12	1
PB15	1
PB17	1
	8

TRANSPORT AND INSTALL STATE FURNISHED RADAR DETECTION SYSTEM
STH 164 & COSTCO DWY

LOCATION	SPV.0060.33 TRANSPORT AND INSTALL STATE FURNISHED RADAR DETECTION SYSTEM EACH
STH 164 & COSTCO DWY	1
TOTAL	1

SIGNAL MOUNTING HARDWARE
STH 164 & COSTCO DWY

LOCATION	658.5070.02 SIGNAL MOUNTING HARDWARE EACH
STH 164 & COSTCO DWY	1
TOTAL	1

REMOVE TRAFFIC SIGNALS
STH 164 & COSTCO DWY

LOCATION	204.9060.S.02 REMOVING TRAFFIC SIGNALS EACH	204.9060.S.06 REMOVING LOOP DETECTOR WIRE AND LEAD-IN CABLE EACH
STH 164 & COSTCO DWY	1	1
TOTAL	1	1

REMOVE, SALVAGE, & REINSTALL FIBER OPTIC INTERCONNECT
STH 164 & COSTCO DWY

LOCATION	SPV.0060.46 REMOVE, SALVAGE, & REINSTALL FIBER OPTIC INTERCONNECT EACH
STH 164 & COSTCO DWY	1
TOTAL	1

ALL ITEMS ON THIS SHEET ARE CATEGORY 1500

SIGNAL NO. S67-1340
STH 164 & COSTCO DWY
PAGE 2 OF 2

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SUMMARY OF STATE FURNISHED MATERIALS - FOR INFORMATION ONLY

QUANTITY	UNIT	DESCRIPTION
1	EACH	TRAFFIC SIGNAL CONTROLLER AND CABINET
4	EACH	EVP DETECTOR HEADS
2	EACH	POLES TYPE 9
2	EACH	POLES TYPE 9 SPECIAL
2	EACH	POLES TYPE 9 OVER HEIGHT SPECIAL
2	EACH	MONOTUBE ARMS 15-FT
4	EACH	MONOTUBE ARMS 45-FT - SPECIAL
1	EACH	COHU CAMERA
1	EACH	RADAR DETECTION SYSTEM

CONCRETE BASE REMOVALS

EXISTING BASE NUMBER	204.0195*** REMOVING CONCRETE BASES EACH
SB1	1
SB2	1
SB3	1
SB4	1
SB5	1
SB6	1
SB7	1
SB8	1
SB9	1
SB10	1
SB11	1
SB12	1
SB14	1
SB15	1
SB16	1
SB17	1
SB18	1
SB19	1
SB20	1
SB21	1
CB1	1
TOTAL	21

***ADDITIONAL QUANTITIES SHOWN ELSEWHERE

CONDUIT

FROM	TO	652.0225*** CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH LF	652.0235*** CONDUIT RIGID NONMETALLIC SCHEDULE 40 3-INCH LF	652.0615*** CONDUIT SPECIAL 3-INCH LF
CB1	PB1	--	51	--
PB1	PB2	186	--	--
PB2	PB3	150	--	--
PB1	PB4	--	--	68
PB1	PB5	--	--	178
PB5	PB6	--	--	124
PB6	PB7	--	34	--
PB7	PB8	217	--	--
PB8	PB9	161	--	--
PB7	PB10	--	--	62
PB7	PB11	--	--	162
PB11	PB12	--	--	122
PB12	PB13	--	28	--
PB13	PB14	194	--	--
PB14	PB15	150	--	--
PB13	PB16	--	--	82
PB13	PB17	--	--	202
PB17	PB18	--	--	124
PB18	PB19	--	34	--
PB19	PB20	219	--	--
PB20	PB21	160	--	--
PB19	PB22	--	--	82
PB19	PB23	--	--	178
PB23	PB24	--	--	118
PB24	CB1	--	39	--
PB1	SB1	8	--	--
PB4	SB2	--	5	--
PB4	SB3	14	--	--
PB5	SB4	--	16	--
PB5	SB5	6	--	--
SB5	SB6	150	--	--
SB6	SB7	150	--	--
PB6	SB8	13	--	--
PB10	SB9	--	14	--
PB10	SB10	20	--	--
PB11	SB11	18	--	--
PB11	SB12	5	--	--
SB12	SB13	150	--	--
SB13	SB14	150	--	--
PB13	SB15	11	--	--
PB16	SB16	--	5	--
PB16	SB17	12	--	--
PB17	SB18	--	19	--
PB17	SB19	6	--	--
SB19	SB20	150	--	--
SB20	SB21	150	--	--
SB21	SB22	150	--	--
PB19	SB23	11	--	--
PB22	SB24	--	5	--
PB22	SB25	16	--	--
PB23	SB26	19	--	--
PB23	SB27	7	--	--
SB27	SB28	150	--	--
SB28	SB29	150	--	--
TOTAL		2953	250	1502

PULL BOXES NON-CONDUCTIVE

PULL BOX NUMBER	STATION	LOCATION	653.0154*** PULL BOXES NON-CONDUCTIVE 24 X 36 - INCH EACH	653.0164*** PULL BOXES NON-CONDUCTIVE 24 X 42 - INCH EACH
PB1	78+16.9	69.7' RT	--	1
PB2	78+01.8	51.7' RT	1	--
PB3	78+00.2	4.1' LT	1	--
PB4	76+18.5	3.8' LT	--	1
PB5	74+89.9	6.2' RT	--	1
PB6	77+99.8	51.1' LT	--	1
PB7	78+29.7	71.8' LT	--	1
PB8	78+30.2	89.3' LT	1	--
PB9	78+86.5	75.1' LT	1	--
PB10	78+77.6	299.5' LT	--	1
PB11	79+32.6	77.4' LT	--	1
PB12	79+87.4	51.1' LT	--	1
PB13	81+40.6	52.9' LT	--	1
PB14	82.70.2	52.3' LT	1	--
PB15	79+88.7	9.9' RT	1	--
PB16	80+14.4	9.9' RT	--	1
PB17	79+88.7	51.2' RT	--	1
PB18	79+35.8	82.2' RT	--	1
PB19	79+36.0	89.2' RT	--	1
PB20	79+42.6	308.2' RT	1	--
PB21	79+42.7	308.2' RT	1	--
PB22	79+42.8	308.2' RT	--	1
PB23	79+42.9	308.2' RT	--	1
PB24	79+42.10	308.2' RT	--	1
		TOTAL	8	16

ALL ITEMS ON THIS SHEET ARE CATEGORY 1500

SIGNAL NO. S67-0765
STH 164 & CTH K (LISBON ROAD)
PAGE 1 OF 6

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LOOP DETECTOR SCHEDULE

LOOP NUMBER	HOME RUN PB	STATION	LOCATION	SIZE (FT)X(FT)	NO. OF TURNS	PAVEMENT TYPE	SDD INSTALLATION REFERENCE	652.0800*** CONDUIT LOOP DETECTOR LF	655.0700*** LOOP DETECTOR LEAD IN CABLE LF	655.0800*** LOOP DETECTOR WIRE LF
11	PB5	77+76.9	8.96' RT	6X20	3	ASHPHALT	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 1)	68	133	214
12	PB5	78+04.9	8.93' RT	6X20	3	ASHPHALT	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 1)	72	133	226
21	PB15	82+70.2	42.1' LT	6X20	5	ASHPHALT	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 1)	76	712	390
22	PB14	82+70.2	30.1' LT	6X20	4	ASHPHALT	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 1)	90	562	370
31	PB23	78+91.1	114.7' RT	6X20	3	ASHPHALT	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 1)	70	99	220
32	PB23	78+90.5	86.7' RT	6X20	3	ASHPHALT	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 1)	72	99	226
41	PB9	78+45.8	307.3' LT	6X20	4	ASHPHALT	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 1)	80	590	330
42	PB8	78+57.7	307.4' LT	6X20	4	ASHPHALT	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 1)	80	429	330
43	PB10	78+48.9	93.2' LT	6X20	3	ASHPHALT	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 1)	90	243	280
44	PB10	79+92.1	8.7' LT	6X20	3	ASHPHALT	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 1)	76	243	238
45	PB10	79+64.1	8.7' LT	6X20	3	ASHPHALT	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	108	243	334
46	PB10	74+88.6	43.3' RT	6X20	3	ASHPHALT	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	102	243	316
51	PB17	74+88.6	31.3' RT	6X20	3	ASHPHALT	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 1)	70	267	220
52	PB17	78+72.9	93.8' LT	6X20	3	ASHPHALT	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 1)	70	267	220
61	PB3	78+73.6	65.7' LT	6X20	3	ASHPHALT	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 1)	88	380	274
62	PB2	79+19.8	310.1' RT	6X20	3	ASHPHALT	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 1)	92	230	286
71	PB11	79+07.8	310.1' RT	6X20	3	ASHPHALT	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 1)	68	293	214
72	PB11	79+25.4	87.0' RT	6X20	3	ASHPHALT	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 1)	74	293	232
81	PB21	79+25.5	87.0' RT	6X20	4	ASHPHALT	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 1)	98	567	402
82	PB20	79+25.6	87.0' RT	6X20	3	ASHPHALT	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 1)	96	407	298
83	PB22	79+25.7	87.0' RT	6X20	3	ASHPHALT	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 1)	102	229	316
84	PB22	79+25.8	87.0' RT	6X20	3	ASHPHALT	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 1)	88	229	274
85	PB22	79+25.9	87.0' RT	6X20	3	ASHPHALT	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	122	229	376
86	PB22	79+25.10	87.0' RT	6X20	3	ASHPHALT	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	112	229	346
							TOTAL	2064	7349	6932

***ADDITIONAL QUANTITIES SHOWN ELSEWHERE

ALL ITEMS ON THIS SHEET ARE CATEGORY 1500

SIGNAL NO. S67-0765
STH 164 & CTH K (LISBON ROAD)
PAGE 2 OF 6

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	MISCELLANEOUS QUANTITIES	SHEET 652	E

FILE NAME : X:\UZ\W\WITSE\173964\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\SHEET FILES\S67-0765_MQ_CTHK-LISBON_2370-00-05.DWG
LAYOUT NAME - 04
PLOT DATE : 4/29/2026 8:30 AM PLOT BY : GARY ELLIAS PLOT NAME : PLOT SCALE : 1" = 1'

WISDOT/CADDS SHEET 42

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PULL BOX REMOVALS

EXISTING PULL BOX NUMBER	653.0905*** REMOVING PULL BOXES EACH
PB1	1
PB2	1
PB3	1
PB4	1
PB5	1
PB6	1
PB7	1
PB8	1
PB9	1
PB10	1
PB11	1
PB12	1
PB13	1
PB14	1
PB15	1
PB16	1
PB17	1
PB18	1
PB19	1
PB20	1
PB21	1
PB22	1
PB23	1
PB24	1
PB25	1
TOTAL	25

CONCRETE BASES

BASE NUMBER	STATION	LOCATION	654.0101*** CONCRETE BASES TYPE 1 EACH	654.0105*** CONCRETE BASES TYPE 5 EACH	654.0110*** CONCRETE BASES TYPE 10 EACH	654.0120*** CONCRETE BASES TYPE 10-SPECIAL EACH	654.0217*** CONCRETE CONTROL CABINET BASES TYPE 9 SPECIAL EACH
SB1	78+33.9	72.9' RT	--	1	--	--	--
SB2	78+25.0	60.8' RT	--	--	--	1	--
SB3	78+12.6	51.4' RT	1	--	--	--	--
SB4	78+18.4	3.8' LT	--	--	1	--	--
SB5	77+88.9	0	--	1	--	--	--
SB6	78+15.2	51.9' LT	--	1	--	--	--
SB7	78+28.6	61.9' LT	--	1	--	--	--
SB8	78+86.7	68.2' LT	--	1	--	--	--
SB9	79+34.6	64.4' LT	--	--	--	1	--
SB10	79+45.9	53.7' LT	1	--	--	--	--
SB11	79+72.6	10.0' RT	1	--	--	--	--
SB12	79+59.0	51.9' RT	--	1	--	--	--
SB13	79+46.6	62.4' RT	--	1	--	--	--
SB14	79+36.2	65.4' RT	--	1	--	--	--
SB15	78+80.8	101.6' RT	--	1	--	--	--
SB16	78+80.9	101.6' RT	--	--	--	1	--
SB17	78+80.10	101.6' RT	1	--	--	--	--
SB18	78+80.11	101.6' RT	--	--	1	--	--
SB19	78+80.12	101.6' RT	--	1	--	--	--
SB20	78+80.13	101.6' RT	--	1	--	--	--
SB21	78+80.14	101.6' RT	--	1	--	--	--
SB22	78+80.15	101.6' RT	--	1	--	--	--
SB23	78+80.16	101.6' RT	--	1	--	--	--
SB24	78+80.17	101.6' RT	--	--	--	1	--
SB25	78+80.18	101.6' RT	1	--	--	--	--
SB26	78+80.19	101.6' RT	1	--	--	--	--
SB27	78+80.20	101.6' RT	--	1	--	--	--
SB28	78+80.21	101.6' RT	--	1	--	--	--
SB29	78+80.22	101.6' RT	--	1	--	--	--
CB1	78+16.9	75.0' RT	--	--	--	--	1
		TOTAL	6	17	2	4	1

TRAFFIC SIGNAL CABLE NO. 14 (ABOVE GROUND)

FROM	TO	655.0230*** CABLE TRAFFIC SIGNAL 5 - 14 AWG LF	655.0240*** CABLE TRAFFIC SIGNAL 7 - 14 AWG LF
SB2	HEAD 1	24	--
SB2	HEAD 11	--	25
SB2	HEAD 20	61	--
SB2	HEAD 21	48	--
SB2	HEAD 25	15	--
SB3	HEAD 32	15	--
SB4	HEAD 4	--	25
SB4	HEAD 12	--	35
SB9	HEAD 8	62	--
SB9	HEAD 9	50	--
SB9	HEAD 17	--	25
SB9	HEAD 19	24	--
SB9	HEAD 27	15	--
SB10	HEAD 26	15	--
SB11	HEAD 18	--	22
SB11	HEAD 22	--	22
SB16	HEAD 5	--	25
SB16	HEAD 7	24	--
SB16	HEAD 14	61	--
SB16	HEAD 15	45	--
SB16	HEAD 29	15	--
SB17	HEAD 28	15	--
SB18	HEAD 6	--	33
SB18	HEAD 10	--	25
SB24	HEAD 2	66	--
SB24	HEAD 3	53	--
SB24	HEAD 13	24	--
SB24	HEAD 23	--	25
SB24	HEAD 31	15	--
SB25	HEAD 30	15	--
SB26	HEAD 24	--	22
SB26	HEAD 16	--	22
TOTAL		662	306

TRAFFIC SIGNAL CABLE NO. 14 (BELOW GROUND)

FROM	TO	655.0240*** CABLE TRAFFIC SIGNAL 7 - 14 AWG LF	655.0260*** CABLE TRAFFIC SIGNAL 12 - 14 AWG LF	655.0270*** CABLE TRAFFIC SIGNAL 15 - 14 AWG LF
CB1	SB2	--	--	99
CB1	SB3	108	--	--
CB1	SB4	--	165	--
CB1	SB9	--	--	321
CB1	SB10	327	--	--
CB1	SB11	--	375	--
CB1	SB16	--	--	510
CB1	SB17	517	--	--
CB1	SB18	--	350	--
CB1	SB24	--	--	282
CB1	SB25	293	--	--
CB1	SB26	--	134	--
	TOTAL	1245	1024	1212

***ADDITIONAL QUANTITIES SHOWN ELSEWHERE

ALL ITEMS ON THIS SHEET ARE CATEGORY 1500

SIGNAL NO. S67-0765
STH 164 & CTH K (LISBON ROAD)
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LIGHTING WIRE

FROM	TO	655.0320*** CABLE TYPE UF 2 - 10 AWG GROUNDED LF	655.0615*** ELECTRICAL WIRE LIGHTING 10 AWG LF
CB1	SB1	52	--
SB1	LUMIN	--	117
SB1	SB5	135	--
SB5	LUMIN (2)	--	234
SB5	SB6	158	--
SB6	LUMIN	--	117
SB6	SB7	158	--
SB7	LUMIN	--	117
SB5	SB8	121	--
SB8	LUMIN	--	117
SB8	SB12	172	--
SB12	LUMIN (2)	--	234
SB12	SB13	158	--
SB13	LUMIN	--	117
SB13	SB14	158	--
SB14	LUMIN	--	117
CB1	SB27	122	--
SB27	LUMIN (2)	--	234
SB27	SB28	158	--
SB28	LUMIN	--	117
SB28	SB29	158	--
SB29	LUMIN	--	117
SB27	SB23	147	--
SB23	LUMIN	--	117
SB23	SB19	152	--
SB19	LUMIN (2)	--	234
SB19	SB15	158	--
SB15	LUMIN	--	117
SB19	SB20	158	--
SB20	LUMIN	--	117
SB20	SB21	158	--
SB21	LUMIN	--	117
SB21	SB22	158	--
SB22	LUMIN	--	117
	TOTAL	2481	2457

***ADDITIONAL QUANTITIES SHOWN ELSEWHERE

ELECTRIC WIRE TRAFFIC SIGNALS, NO. 10

FROM	TO	655.0515*** ELECTRICAL WIRE TRAFFIC SIGNALS 10 AWG LF
CB1	SB2	99
SB2	SB3	43
SB3	SB4	209
SB4	SB9	212
SB9	SB10	58
SB10	SB11	206
SB11	SB16	211
SB16	SB17	41
SB17	SB18	229
SB18	SB24	216
SB24	SB25	45
SB25	SB26	221
SB26	CB1	134
	TOTAL	1924

TRAFFIC SIGNAL EVP DETECTOR CABLE

FROM	TO	655.0900*** TRAFFIC SIGNAL EVP DETECTOR CABLE LF
CB1	SB9 (HEAD A)	402
CB1	SB24 (HEAD B)	353
CB1	SB2 (HEAD C)	180
CB1	SB16 (HEAD D)	591
	TOTAL	1526

ELECTRICAL SERVICE METER BREAKER PEDESTAL
STH 164 & CTH K (LISBON ROAD)

BASE NUMBER	656.0201.02 ELECTRICAL SERVICE METER BREAKER PEDESTAL EACH
CB1	1
TOTAL	1

TRAFFIC SIGNAL AND PEDESTRIAN FACES, AND BACKPLATES

SIGNAL HEAD NUMBER	SIGNAL BASE NUMBER	658.0173*** TRAFFIC SIGNAL FACE 3S-12 INCH EACH	658.0174*** TRAFFIC SIGNAL FACE 4S-12 INCH EACH	658.0416*** PEDESTRIAN SIGNAL FACE 16-INCH EACH
1	SB2	1	--	--
2	SB24	1	--	--
3	SB24	1	--	--
4	SB4	--	1	--
5	SB16	--	1	--
6	SB18	--	1	--
7	SB16	1	--	--
8	SB9	1	--	--
9	SB9	1	--	--
10	SB18	--	1	--
11	SB2	--	1	--
12	SB4	--	1	--
13	SB24	1	--	--
14	SB16	1	--	--
15	SB26	1	--	--
16	SB26	--	1	--
17	SB9	--	1	--
18	SB11	--	1	--
19	SB9	1	--	--
20	SB2	1	--	--
21	SB2	1	--	--
22	SB11	--	1	--
23	SB24	--	1	--
24	SB26	--	1	--
25	SB2	--	--	1
26	SB10	--	--	1
27	SB9	--	--	1
28	SB17	--	--	1
29	SB16	--	--	1
30	SB25	--	--	1
31	SB24	--	--	1
32	SB3	--	--	1
	TOTAL	12	12	8

LAMP, BALLAST, LED, SWITCH DISPOSAL BY CONTRACTOR

EXISTING BASE NUMBER	659.5000.S*** LAMP, BALLAST, LED, SWITCH DISPOSAL BY CONTRACTOR EACH
SB1	2
SB2	2
SB3	2
SB4	2
SB5	1
SB6	2
SB7	2
SB8	2
SB9	2
SB10	1
SB11	2
SB12	2
SB14	2
SB15	2
SB16	2
SB17	2
SB18	1
SB19	2
SB20	2
SB21	1
CB1	1
TOTAL	37

ALL ITEMS ON THIS SHEET ARE CATEGORY 1500

SIGNAL NO. S67-0765
STH 164 & CTH K (LISBON ROAD)
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CAST BASES, POLES, MONOTUBE ARMS, PUSH BUTTONS, AND LUMINAIRES

SIGNAL BASE NUMBER	657.0100*** PEDESTAL BASES EACH	657.0255*** TRANSFORMER BASES BREAKAWAY 11 1/2-INCH BOLT CIRCLE EACH	657.0321*** POLES TYPE 5 STEEL EACH	657.0425*** TRAFFIC SIGNAL STANDARDS ALUMINUM 15 - FT EACH	657.043*** TRAFFIC SIGNAL STANDARDS ALUMINUM 10 - FT EACH	SVP.0060.20 INSTALL POLES TYPE 9 EACH	SVP.0060.22*** INSTALL POLES TYPE 9 SPECIAL EACH	SVP.0060.23*** INSTALL POLES TYPE 9 OVER HEIGHT SPECIAL EACH	SPV.0060.24 INSTALL MONOTUBE ARMS 15-FT EACH	SPV.0060.27*** INSTALL MONOTUBE ARMS 45-FT SPECIAL EACH	657.0714*** LUMINAIRE ARMS TRUSS TYPE 4-INCH CLAMP 15-FOOT EACH	658.0500*** PEDESTRIAN PUSH BUTTONS EACH	659.1125*** LUMINAIRES UTILITY LED C EACH
SB1	--	1	1	--	--	--	--	--	--	--	1	--	1
SB2	--	--	--	--	--	--	1	--	--	1	--	1	--
SB3	1	--	--	--	1	--	--	--	--	--	--	1	--
SB4	--	--	--	--	--	1	--	--	1	--	--	--	--
SB5	--	1	1	--	--	--	--	--	--	--	2	--	2
SB6	--	1	1	--	--	--	--	--	--	--	1	--	1
SB7	--	1	1	--	--	--	--	--	--	--	1	--	1
SB8	--	1	1	--	--	--	--	--	--	--	1	--	1
SB9	--	--	--	--	--	--	--	1	--	1	--	1	--
SB10	1	--	--	--	1	--	--	--	--	--	--	1	--
SB11	1	--	--	1	--	--	--	--	--	--	--	--	--
SB12	--	1	1	--	--	--	--	--	--	--	2	--	2
SB13	--	1	1	--	--	--	--	--	--	--	1	--	1
SB14	--	1	1	--	--	--	--	--	--	--	1	--	1
SB15	--	1	1	--	--	--	--	--	--	--	1	--	1
SB16	--	--	--	--	--	--	1	--	--	1	--	1	--
SB17	1	--	--	--	1	--	--	--	--	--	--	1	--
SB18	--	--	--	--	--	1	--	--	1	--	--	--	--
SB19	--	1	1	--	--	--	--	--	--	--	2	--	2
SB20	--	1	1	--	--	--	--	--	--	--	1	--	1
SB21	--	1	1	--	--	--	--	--	--	--	1	--	1
SB22	--	1	1	--	--	--	--	--	--	--	1	--	1
SB23	--	1	1	--	--	--	--	--	--	--	1	--	1
SB24	--	--	--	--	--	--	--	1	--	1	--	1	--
SB25	1	--	--	--	1	--	--	--	--	--	--	1	--
SB26	1	--	--	1	--	--	--	--	--	--	--	--	--
SB27	--	1	1	--	--	--	--	--	--	--	2	--	2
SB28	--	1	1	--	--	--	--	--	--	--	1	--	1
SB29	--	1	1	--	--	--	--	--	--	--	1	--	1
TOTAL	6	17	17	2	4	2	2	2	2	4	21	8	21

SIGNAL MOUNTING HARDWARE
STH 164 & CTH K (LISBON ROAD)

LOCATION	658.5070.03 SIGNAL MOUNTING HARDWARE EACH
STH 164 & CTH K (LISBON ROAD)	1
TOTAL	1

***ADDITIONAL QUANTITIES SHOWN ELSEWHERE

ALL ITEMS ON THIS SHEET ARE CATEGORY 1500

SIGNAL NO. S67-0765
STH 164 & CTH K (LISBON ROAD)
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REMOVE TRAFFIC SIGNALS
STH 164 & CTH K (LISBON ROAD)

LOCATION	204.9060.S.03 REMOVING TRAFFIC SIGNALS EACH	204.9060.S.07 REMOVING LOOP DETECTOR WIRE AND LEAD-IN CABLE EACH
STH 164 & CTH K (LISBON ROAD)	1	1
TOTAL	1	1

TRANSPORT TRAFFIC SIGNAL AND INTERSECTION LIGHTING MATERIALS
STH 164 & CTH K (LISBON ROAD)

LOCATION	SPV.0060.37 TRANSPORT TRAFFIC SIGNAL AND INTERSECTION LIGHTING MATERIALS EACH
STH 164 & CTH K (LISBON ROAD)	1
TOTAL	1

TRANSPORT AND INSTALL STATE FURNISHED TRAFFIC SIGNAL CABINET
STH 164 & CTH K (LISBON ROAD)

LOCATION	SPV.0060.30 TRANSPORT AND INSTALL STATE FURNISHED TRAFFIC SIGNAL CABINET EACH
STH 164 & CTH K (LISBON ROAD)	1
TOTAL	1

TEMPORARY EMERGENCY VEHICLE PREEMPTION SYSTEM
STH 164 & CTH K (LISBON ROAD)

LOCATION	SPV.0060.43 TEMPORARY EMERGENCY VEHICLE PREEMPTION SYSTEM EACH
STH 164 & CTH K (LISBON ROAD)	4
TOTAL	4

TRANSPORT AND INSTALL STATE FURNISHED EVP DETECTOR HEADS
STH 164 & CTH K (LISBON ROAD)

LOCATION	SPV.0060.40 TRANSPORT AND INSTALL STATE FURNISHED EVP DETECTOR HEADS EACH
STH 164 & CTH K (LISBON ROAD)	4
TOTAL	4

TRANSPORT AND INSTALL STATE FURNISHED RADAR DETECTION SYSTEM
STH 164 & CTH K (LISBON ROAD)

LOCATION	SPV.0060.34 TRANSPORT AND INSTALL STATE FURNISHED RADAR DETECTION SYSTEM EACH
STH 164 & CTH K (LISBON ROAD)	1
TOTAL	1

TEMPORARY TRAFFIC SIGNALS FOR INTERSECTIONS
STH 164 & CTH K (LISBON ROAD)

LOCATION	661.0201.02 TEMPORARY TRAFFIC SIGNALS FOR INTERSECTIONS EACH	661.0300*** GENERATORS DAY	677.0200*** INSTALL CAMERA ASSEMBLY EACH
STH 164 & CTH K (LISBON ROAD)	1	2	1
TOTAL	1	2	1

***ADDITIONAL QUANTITIES SHOWN ELSEWHERE

ALL ITEMS ON THIS SHEET ARE CATEGORY 1500

SIGNAL NO. S67-0765
STH 164 & CTH K (LISBON ROAD)
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SUMMARY OF STATE FURNISHED MATERIALS - FOR INFORMATION ONLY

QUANTITY	UNIT	DESCRIPTION
1	EACH	TRAFFIC SIGNAL CONTROLLER AND CABINET
4	EACH	EVP DETECTOR HEADS
2	EACH	POLES TYPE 9 SPECIAL
2	EACH	POLES TYPE 9 OVER HEIGHT SPECIAL
4	EACH	MONOTUBE ARMS 40-FT
1	EACH	COHU CAMERA
1	EACH	RADAR DETECTION SYSTEM

CONCRETE BASE REMOVALS

EXISTING BASE NUMBER	204.0195*** REMOVING CONCRETE BASES EACH
SB1	1
SB2	1
SB3	1
SB4	1
SB5	1
SB6	1
SB7	1
SB8	1
SB9	1
SB10	1
SB11	1
SB12	1
SB13	1
SB14	1
SB15	1
SB16	1
SB17	1
SB18	1
CB1	1
TOTAL	19

***ADDITIONAL QUANTITIES SHOWN ELSEWHERE

CONDUIT

FROM	TO	652.0225*** CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH LF	652.0235*** CONDUIT RIGID NONMETALLIC SCHEDULE 40 3-INCH LF	652.0615*** CONDUIT SPECIAL 3-INCH LF
CB1	PB1	--	63	--
PB1	PB2	151	--	--
PB2	PB3	150	--	--
PB1	PB4	--	--	108
PB1	PB5	--	--	186
PB5	PB6	--	--	136
PB6	PB7	--	164	--
PB7	PB8	34	--	--
PB7	PB10	--	--	166
PB8	PB9	235	--	--
PB10	PB11	18	--	--
PB10	PB12	--	--	116
PB12	PB13	--	68	--
PB13	PB14	--	--	82
PB13	PB15	171	--	--
PB15	PB16	151	--	--
PB13	PB17	--	--	166
PB17	PB18	--	--	98
PB18	PB19	--	314	--
PB19	PB20	238	--	--
PB19	PB21	--	--	126
PB21	PB22	39	--	
PB21	PB23	--	--	118
PB23	CB1	--	60	--
PB1	SB1	22	--	--
PB4	SB2	12	--	--
PB4	SB3		15	--
PB5	SB4	9	--	--
PB5	SB5	33	--	--
SB5	SB6	150	--	--
SB6	SB7	150	--	--
SB7	SB8	151	--	--
PB6	SB9	--	32	--
PB7	SB10	23	--	--
PB11	SB11	4	--	--
PB10	SB12	9	--	--
SB12	SB13	150	--	--
SB13	SB14	149	--	--
PB12	SB15	10	--	--
PB14	SB16	--	17	--
PB14	SB17	9	--	--
PB17	SB18	18	--	--
PB17	SB19	20	--	--
SB19	SB20	150	--	--
SB20	SB21	151	--	--
PB18	SB22	--	8	--
PB19	SB23	13	--	--
PB19	SB24	4	--	--
PB21	SB25	24	--	--
PB21	SB26	5	--	--
SB26	SB27	150	--	--
SB27	SB28	150	--	--
TOTAL		2753	741	1302

PULL BOXES NON-CONDUCTIVE

PULL BOX NUMBER	STATION	LOCATION	653.0154*** PULL BOXES NON-CONDUCTIVE 24 X 36 - INCH EACH	653.0164*** PULL BOXES NON-CONDUCTIVE 24 X 42 - INCH EACH
PB1	78+16.9	69.7' RT	--	1
PB2	78+01.8	51.7' RT	1	--
PB3	78+00.2	4.1' LT	1	--
PB4	76+18.5	3.8' LT	--	1
PB5	74+89.9	6.2' RT	--	1
PB6	77+99.8	51.1' LT	--	1
PB7	78+29.7	71.8' LT	--	1
PB8	78+30.2	89.3' LT	1	--
PB9	78+86.5	75.1' LT	1	--
PB10	78+77.6	299.5' LT	--	1
PB11	79+32.6	77.4' LT	1	--
PB12	79+87.4	51.1' LT	--	1
PB13	81+40.6	52.9' LT	--	1
PB14	82.70.2	52.3' LT	--	1
PB15	79+88.7	9.9' RT	1	--
PB16	80+14.4	9.9' RT	1	--
PB17	79+88.7	51.2' RT	--	1
PB18	79+35.8	82.2' RT	--	1
PB19	79+36.0	89.2' RT	--	1
PB20	79+42.6	308.2' RT	1	--
PB21	79+42.7	308.2' RT	--	1
PB22	79+42.8	308.2' RT	1	--
PB23	79+42.9	308.2' RT	--	1
		TOTAL	9	14

ALL ITEMS ON THIS SHEET ARE CATEGORY 1500

SIGNAL NO. S67-0766
STH 164 & CTH VV (MAIN ST)
PAGE 1 OF 7

LOOP DETECTOR SCHEDULE

LOOP NUMBER	HOME RUN PB	STATION	LOCATION	SIZE (FT)X(FT)	NO. OF TURNS	PAVEMENT TYPE	SDD INSTALLATION REFERENCE	652.0800*** CONDUIT LOOP DETECTOR LF	655.0700*** LOOP DETECTOR LEAD IN CABLE LF	655.0800*** LOOP DETECTOR WIRE LF
11	PB17	77+76.9	8.96' RT	6X20	3	ASHPHALT	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 1)	70	375	220
12	PB17	78+04.9	8.93' RT	6X20	3	ASHPHALT	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 1)	82	375	256
21	PB3	82+70.2	42.1' LT	6X20	3	ASHPHALT	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 1)	82	349	256
22	PB2	82+70.2	30.1' LT	6X20	3	ASHPHALT	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 1)	94	199	292
31	PB11	78+91.1	114.7' RT	6X20	4	ASHPHALT	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	88	392	362
32	PB11	78+90.5	86.7' RT	6X20	4	ASHPHALT	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	90	392	370
33	PB11	78+45.8	307.3' LT	6X20	4	ASHPHALT	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 1)	68	392	282
34	PB11	78+57.7	307.4' LT	6X20	4	ASHPHALT	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 1)	68	392	282
41	PB20	78+48.9	93.2' LT	6X20	4	ASHPHALT	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 1)	82	407	338
42	PB19	79+92.1	8.7' LT	6X20	3	ASHPHALT	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 1)	70	169	220
43	PB19	79+64.1	8.7' LT	6X20	3	ASHPHALT	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 1)	78	169	244
44	PB19	74+88.6	43.3' RT	6X20	3	ASHPHALT	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 1)	94	169	292
45	PB19	74+88.6	31.3' RT	6X20	3	ASHPHALT	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 1)	96	169	298
51	PB5	78+72.9	93.8' LT	6X20	3	ASHPHALT	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 1)	70	141	220
52	PB5	78+73.6	65.7' LT	6X20	3	ASHPHALT	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 1)	70	141	220
61	PB16	79+19.8	310.1' RT	6X20	5	ASHPHALT	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 1)	86	788	440
62	PB15	79+07.8	310.1' RT	6X20	4	ASHPHALT	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 1)	90	637	370
71	PB22	79+25.4	87.0' RT	6X20	3	ASHPHALT	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	96	145	298
72	PB22	79+25.5	87.0' RT	6X20	3	ASHPHALT	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	94	145	292
73	PB22	79+25.6	87.0' RT	6X20	3	ASHPHALT	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 1)	80	145	250
74	PB22	79+25.7	87.0' RT	6X20	3	ASHPHALT	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 1)	72	145	226
81	PB9	79+25.8	87.0' RT	6X20	4	ASHPHALT	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 1)	74	560	306
82	PB8	79+25.9	87.0' RT	6X20	3	ASHPHALT	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 1)	66	325	208
83	PB8	79+25.10	87.0' RT	6X20	3	ASHPHALT	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 1)	76	325	238
84	PB8	79+25.11	87.0' RT	6X20	3	ASHPHALT	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	88	325	274
85	PB8	79+25.12	87.0' RT	6X20	3	ASHPHALT	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	96	325	298
86	PB8	79+25.13	87.0' RT	6X20	3	ASHPHALT	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	118	325	364
87	PB8	79+25.14	87.0' RT	6X20	3	ASHPHALT	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	118	325	364
							TOTAL	2356	8746	8080

***ADDITIONAL QUANTITIES SHOWN ELSEWHERE

ALL ITEMS ON THIS SHEET ARE CATEGORY 1500

SIGNAL NO. S67-0766
STH 164 & CTH VV (MAIN ST)
PAGE 2 OF 7

3

PULL BOX REMOVALS

EXISTING PULL BOX NUMBER	653.0905*** REMOVING PULL BOXES EACH
PB1	1
PB2	1
PB3	1
PB4	1
PB5	1
PB6	1
PB7	1
PB8	1
PB9	1
PB10	1
PB11	1
PB12	1
PB13	1
PB14	1
PB15	1
PB16	1
PB17	1
PB18	1
PB19	1
PB20	1
PB21	1
PB22	1
PB23	1
PB24	1
PB25	1
TOTAL	25

CONCRETE BASES

BASE NUMBER	STATION	LOCATION	654.0101*** CONCRETE BASES TYPE 1 EACH	654.0105*** CONCRETE BASES TYPE 5 EACH	654.0120*** CONCRETE BASES TYPE 10-SPECIAL EACH	654.0217*** CONCRETE CONTROL CABINET BASES TYPE 9 SPECIAL EACH
SB1	78+33.9	72.9' RT	--	1	--	--
SB2	78+25.0	60.8' RT	1	--	--	--
SB3	78+12.6	51.4' RT	--	--	1	--
SB4	78+18.4	3.8' LT	1	--	--	--
SB5	77+88.9	0	--	1	--	--
SB6	78+15.2	51.9' LT	--	1	--	--
SB7	78+28.6	61.9' LT	--	1	--	--
SB8	78+86.7	68.2' LT	--	1	--	--
SB9	79+34.6	64.4' LT	--	--	1	--
SB10	79+45.9	53.7' LT	1	--	--	--
SB11	79+72.6	10.0' RT	1	--	--	--
SB12	79+59.0	51.9' RT	--	1	--	--
SB13	79+46.6	62.4' RT	--	1	--	--
SB14	79+36.2	65.4' RT	--	1	--	--
SB15	78+80.8	101.6' RT	--	1	--	--
SB16	78+80.9	101.6' RT	--	--	1	--
SB17	78+80.10	101.6' RT	1	--	--	--
SB18	78+80.11	101.6' RT	1	--	--	--
SB19	78+80.12	101.6' RT	--	1	--	--
SB20	78+80.13	101.6' RT	--	1	--	--
SB21	78+80.14	101.6' RT	--	1	--	--
SB22	78+80.15	101.6' RT	--	--	1	--
SB23	78+80.16	101.6' RT	1	--	--	--
SB24	78+80.17	101.6' RT	1	--	--	--
SB25	78+80.18	101.6' RT	1	--	--	--
SB26	78+80.19	101.6' RT	--	1	--	--
SB27	78+80.20	101.6' RT	--	1	--	--
SB28	78+80.21	101.6' RT	--	1	--	--
CB1	78+16.9	75.0' RT	--	--	--	1
		TOTAL	9	15	4	1

TRAFFIC SIGNAL CABLE NO. 14 (ABOVE GROUND)

FROM	TO	655.0230*** CABLE TRAFFIC SIGNAL 5 - 14 AWG LF	655.0240*** CABLE TRAFFIC SIGNAL 7 - 14 AWG LF
SB2	HEAD 5	--	22
SB2	HEAD 7	21	--
SB2	HEAD 25	15	--
SB3	HEAD 14	56	--
SB3	HEAD 15	43	--
SB3	HEAD 32	15	--
SB4	HEAD 6	--	22
SB4	HEAD 10	--	22
SB9	HEAD 2	59	--
SB9	HEAD 3	44	--
SB9	HEAD 26	27	--
SB10	HEAD 13	21	--
SB10	HEAD 23	--	22
SB10	HEAD 27	15	--
SB11	HEAD 16	--	22
SB11	HEAD 24	--	22
SB16	HEAD 20	56	--
SB16	HEAD 21	41	--
SB16	HEAD 28	15	--
SB17	HEAD 1	21	--
SB17	HEAD 11	--	22
SB17	HEAD 29	15	--
SB18	HEAD 4	--	22
SB18	HEAD 12	--	22
SB22	HEAD 8	59	--
SB22	HEAD 9	47	--
SB22	HEAD 30	27	--
SB23	HEAD 31	15	--
SB24	HEAD 17	--	22
SB24	HEAD 19	21	--
SB25	HEAD 18	--	22
SB25	HEAD 22	--	22
	TOTAL	630	264

TRAFFIC SIGNAL CABLE NO. 14 (BELOW GROUND)

FROM	TO	655.0240*** CABLE TRAFFIC SIGNAL 7 - 14 AWG LF	655.0260*** CABLE TRAFFIC SIGNAL 12 - 14 AWG LF
CB1	SB2	--	130
CB1	SB3	--	133
CB1	SB4	--	166
CB1	SB9	--	273
CB1	SB10	--	362
CB1	SB11	--	476
CB1	SB16	--	612
CB1	SB17	--	604
CB1	SB18	--	457
CB1	SB22	--	382
CB1	SB23	214	--
CB1	SB24	--	205
CB1	SB25	--	146
	TOTAL	214	3946

***ADDITIONAL QUANTITIES SHOWN ELSEWHERE

ALL ITEMS ON THIS SHEET ARE CATEGORY 1500

SIGNAL NO. S67-0766
STH 164 & CTH VV (MAIN ST)
PAGE 3 OF 7

3

LIGHTING WIRE

FROM	TO	655.0320*** CABLE TYPE UF 2 - 10 AWG GROUNDED LF	655.0615*** ELECTRICAL WIRE LIGHTING 10 AWG LF
CB1	SB1	70	--
SB1	LUMIN	--	117
SB1	SB5	188	
SB5	LUMIN (2)	--	234
SB5	SB6	158	--
SB6	LUMIN	--	117
SB6	SB7	158	--
SB7	LUMIN	--	117
SB7	SB8	159	--
SB8	LUMIN	--	117
SB5	SB12	347	--
SB12	LUMIN (2)	--	234
SB12	SB13	158	--
SB13	LUMIN	--	117
SB13	SB14	157	--
SB14	LUMIN	--	117
SB12	SB15	117	--
SB15	LUMIN	--	117
CB1	SB26	127	--
SB26	LUMIN (2)	--	234
SB26	SB27	158	--
SB27	LUMIN	--	117
SB27	SB28	158	--
SB28	LUMIN	--	117
SB26	SB19	366	--
SB19	LUMIN (2)	--	234
SB19	SB20	158	--
SB20	LUMIN	--	117
SB20	SB21	159	--
SB21	LUMIN	--	117
	TOTAL	2638	2223

***ADDITIONAL QUANTITIES SHOWN ELSEWHERE

ELECTRIC WIRE TRAFFIC SIGNALS, NO. 10

FROM	TO	655.0515*** ELECTRICAL WIRE TRAFFIC SIGNALS 10 AWG LF
CB1	SB2	130
SB2	SB3	51
SB3	SB4	227
SB4	SB9	149
SB9	SB10	177
SB10	SB11	184
SB11	SB16	260
SB16	SB17	50
SB17	SB18	207
SB18	SB22	115
SB22	SB23	218
SB23	SB24	41
SB24	SB25	131
SB25	CB1	146
	TOTAL	2086

TRAFFIC SIGNAL EVP DETECTOR CABLE

FROM	TO	655.0900*** TRAFFIC SIGNAL EVP DETECTOR CABLE LF
CB1	SB22 (HEAD A)	448
CB1	SB9 (HEAD B)	339
CB1	SB16 (HEAD C)	678
CB1	SB3 (HEAD D)	199
	TOTAL	1664

ELECTRICAL SERVICE METER BREAKER PEDESTAL STH 164 & CTH VV (MAIN ST)

BASE NUMBER	656.0201.03 ELECTRICAL SERVICE METER BREAKER PEDESTAL EACH
CB1	1
TOTAL	1

LAMP, BALLAST, LED, SWITCH DISPOSAL BY CONTRACTOR

EXISTING BASE NUMBER	659.5000.S*** LAMP, BALLAST, LED, SWITCH DISPOSAL BY CONTRACTOR EACH
SB1	1
SB2	2
SB3	2
SB4	2
SB5	2
SB6	2
SB7	2
SB8	2
SB9	1
SB10	2
SB11	2
SB12	2
SB13	2
SB14	2
SB15	2
SB16	2
SB17	2
SB18	2
CB1	1
TOTAL	35

ALL ITEMS ON THIS SHEET ARE CATEGORY 1500

SIGNAL NO. S67-0766
STH 164 & CTH VV (MAIN ST)
PAGE 4 OF 7

CAST BASES, POLES, MONOTUBE ARMS, PUSH BUTTONS, AND LUMINAIRES

SIGNAL BASE NUMBER	657.0100*** PEDESTAL BASES EACH	657.0255*** TRANSFORMER BASES BREAKAWAY 11 1/2-INCH BOLT CIRCLE EACH	657.0321*** POLES TYPE 5 STEEL EACH	657.0425*** TRAFFIC SIGNAL STANDARDS ALUMINUM 15 - FT EACH	657.043*** TRAFFIC SIGNAL STANDARDS ALUMINUM 10 - FT EACH	SVP.0060.22*** INSTALL POLES TYPE 9 SPECIAL EACH	SVP.0060.23*** INSTALL POLES TYPE 9 OVER HEIGHT SPECIAL EACH	SVP.0060.26 INSTALL MONOTUBE ARMS 40-FT-SPECIAL EACH	657.0714*** LUMINAIRE ARMS TRUSS TYPE 4-INCH CLAMP 15-FOOT EACH	658.0500*** PEDESTRIAN PUSH BUTTONS EACH	659.1125*** LUMINAIRES UTILITY LED C EACH
SB1	--	1	1	--	--	--	--	--	1	--	1
SB2	1	--	--	1	--	--	--	--	--	1	--
SB3	--	--	--	--	--	1	--	1	--	1	--
SB4	1	--	--	1	--	--	--	--	--	--	--
SB5	--	1	1	--	--	--	--	--	2	--	2
SB6	--	1	1	--	--	--	--	--	1	--	1
SB7	--	1	1	--	--	--	--	--	1	--	1
SB8	--	1	1	--	--	--	--	--	1	--	1
SB9	--	--	--	--	--	--	1	1	--	1	--
SB10	1	--	--	1	--	--	--	--	--	1	--
SB11	1	--	--	1	--	--	--	--	--	--	--
SB12	--	1	1	--	--	--	--	--	2	--	2
SB13	--	1	1	--	--	--	--	--	1	--	1
SB14	--	1	1	--	--	--	--	--	1	--	1
SB15	--	1	1	--	--	--	--	--	1	--	1
SB16	--	--	--	--	--	1	--	1	--	1	--
SB17	1	--	--	1	--	--	--	--	--	1	--
SB18	1	--	--	1	--	--	--	--	--	--	--
SB19	--	1	1	--	--	--	--	--	2	--	2
SB20	--	1	1	--	--	--	--	--	1	--	1
SB21	--	1	1	--	--	--	--	--	1	--	1
SB22	--	--	--	--	--	--	1	1	--	1	--
SB23	1	--	--	--	1	--	--	--	--	1	--
SB24	1	--	--	1	--	--	--	--	--	--	--
SB25	1	--	--	1	--	--	--	--	--	--	--
SB26	--	1	1	--	--	--	--	--	2	--	2
SB27	--	1	1	--	--	--	--	--	1	--	1
SB28	--	1	1	--	--	--	--	--	1	--	1
TOTAL	9	15	15	8	1	2	2	4	19	8	19

ALL ITEMS ON THIS SHEET ARE CATEGORY 1500

SIGNAL NO. S67-0766
STH 164 & CTH VV (MAIN ST)
PAGE 5 OF 7

***ADDITIONAL QUANTITIES SHOWN ELSEWHERE

3

TRAFFIC SIGNAL AND PEDESTRIAN FACES, AND BACKPLATES

SIGNAL HEAD NUMBER	SIGNAL BASE NUMBER	658.0173*** TRAFFIC SIGNAL FACE 3S-12 INCH EACH	658.0174*** TRAFFIC SIGNAL FACE 4S-12 INCH EACH	658.0416*** PEDESTRIAN SIGNAL FACE 16-INCH EACH
1	SB17	1	--	--
2	SB9	1	--	--
3	SB9	1	--	--
4	SB18	--	1	--
5	SB2	--	1	--
6	SB4	--	1	--
7	SB2	1	--	--
8	SB22	1	--	--
9	SB22	1	--	--
10	SB4	--	1	--
11	SB17	--	1	--
12	SB18	--	1	--
13	SB10	1	--	--
14	SB3	1	--	--
15	SB3	1	--	--
16	SB11	--	1	--
17	SB24	--	1	--
18	SB25	--	1	--
19	SB24	1	--	--
20	SB16	1	--	--
21	SB16	1	--	--
22	SB25	--	1	--
23	SB10	--	1	--
24	SB11	--	1	--
25	SB2	--	--	1
26	SB9	--	--	1
27	SB10	--	--	1
28	SB16	--	--	1
29	SB17	--	--	1
30	SB22	--	--	1
31	SB24	--	--	1
32	SB3	--	--	1
	TOTAL	12	12	8

***ADDITIONAL QUANTITIES SHOWN ELSEWHERE

SIGNAL MOUNTING HARDWARE
STH 164 & CTH VV (MAIN ST)

LOCATION	658.5070.04 SIGNAL MOUNTING HARDWARE EACH
STH 164 & CTH VV (MAIN ST)	1
TOTAL	1

TRANSPORT TRAFFIC SIGNAL AND INTERSECTION LIGHTING MATERIALS
STH 164 & CTH VV (MAIN ST)

LOCATION	SPV.0060.38 TRANSPORT TRAFFIC SIGNAL AND INTERSECTION LIGHTING MATERIALS EACH
STH 164 & CTH VV (MAIN ST)	1
TOTAL	1

3

TEMPORARY TRAFFIC SIGNALS FOR INTERSECTIONS
STH 164 & CTH VV (MAIN ST)

LOCATION	661.0201.03 TEMPORARY TRAFFIC SIGNALS FOR INTERSECTIONS EACH	661.0300*** GENERATORS DAY	677.0200*** INSTALL CAMERA ASSEMBLY EACH
STH 164 & CTH VV (MAIN ST)	1	2	1
TOTAL	1	2	1

REMOVE TRAFFIC SIGNALS
STH 164 & CTH VV (MAIN ST)

LOCATION	204.9105.S.04 REMOVING TRAFFIC SIGNALS EACH	204.9105.S.08 REMOVING LOOP DETECTOR WIRE AND LEAD-IN CABLE EACH
STH 164 & CTH VV (MAIN ST)	1	1
TOTAL	1	1

ALL ITEMS ON THIS SHEET ARE CATEGORY 1500

SIGNAL NO. S67-0766
STH 164 & CTH VV (MAIN ST)
PAGE 6 OF 7

3

TRANSPORT AND INSTALL STATE FURNISHED TRAFFIC SIGNAL CABINET
STH 164 & CTH VV (MAIN ST)

LOCATION	SPV.0060.31 TRANSPORT AND INSTALL STATE FURNISHED TRAFFIC SIGNAL CABINET EACH
STH 164 & CTH VV (MAIN ST)	1
TOTAL	1

TRANSPORT AND INSTALL STATE FURNISHED EVP DETECTOR HEADS
STH 164 & CTH VV (MAIN ST)

LOCATION	SPV.0060.41 TRANSPORT AND INSTALL STATE FURNISHED EVP DETECTOR HEADS EACH
STH 164 & CTH VV (MAIN ST)	4
TOTAL	4

TEMPORARY EMERGENCY VEHICLE PREEMPTION SYSTEM
STH 164 & CTH VV (MAIN ST)

LOCATION	SPV.0060.44 TEMPORARY EMERGENCY VEHICLE PREEMPTION SYSTEM EACH
STH 164 & CTH VV (MAIN ST)	4
TOTAL	4

TRANSPORT AND INSTALL STATE FURNISHED RADAR DETECTION SYSTEM
STH 164 & CTH VV (MAIN ST)

LOCATION	SPV.0060.35 TRANSPORT AND INSTALL STATE FURNISHED RADAR DETECTION SYSTEM EACH
STH 164 & CTH VV (MAIN ST)	1
TOTAL	1

3

ALL ITEMS ON THIS SHEET ARE CATEGORY 1500

SIGNAL NO. S67-0766
STH 164 & CTH VV (MAIN ST)
PAGE 7 OF 7

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COUNTY COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS) WAUKESHA COUNTY, NAD83 (2011) IN SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES ON THIS EXHIBIT.

NOTES:
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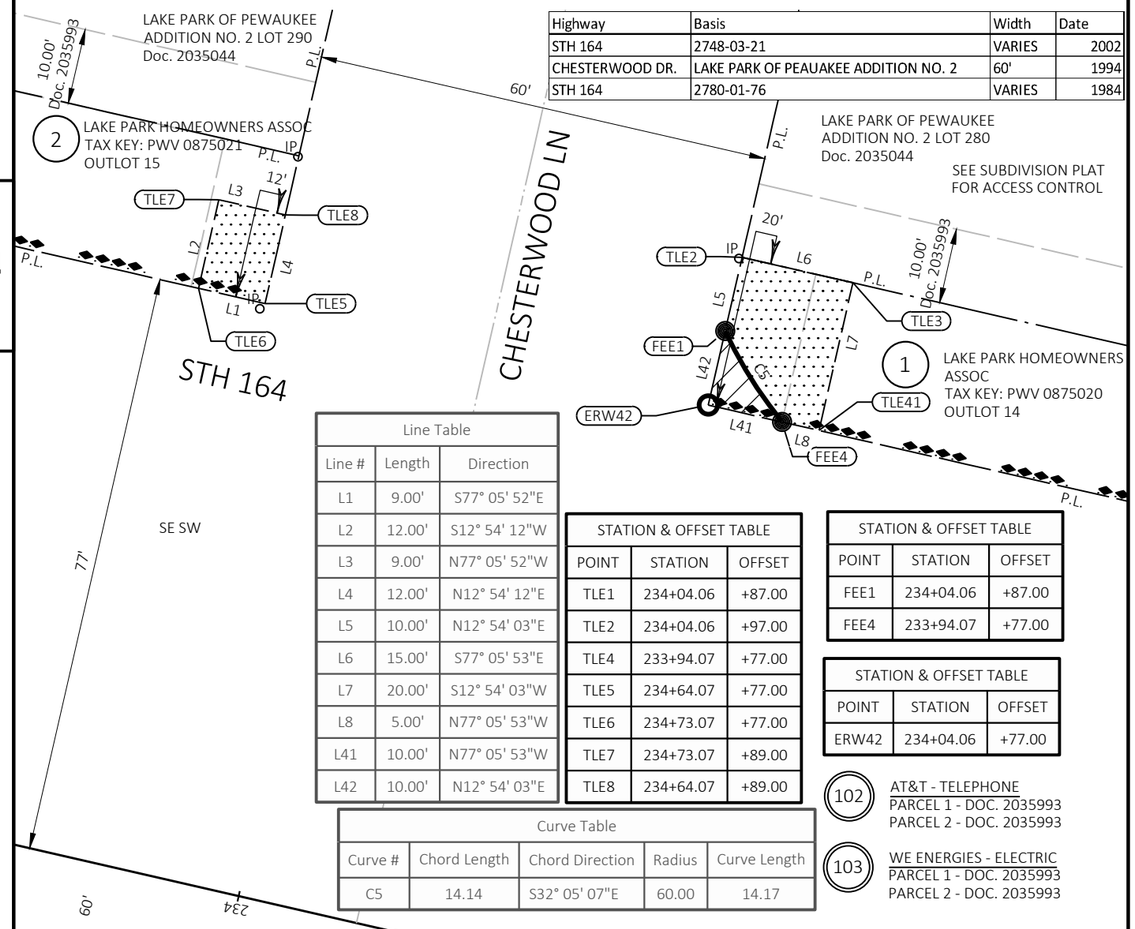
ALL TLE FOR SIDEWALK IMPROVEMENT, UNLESS OTHERWISE NOTED

R/W PROJECT NUMBER: 2370-00-25 | SHEET NUMBER: 4.01

TLE ACQUISITION EXHIBIT
PEWAUKEE ROAD, WAUKESHA - SLINGER
SWAN ROAD TO NORTH COUNTY LINE
STH 164 WAUKESHA COUNTY

THAT PART OF OUTLOT 15 AND OUTLOT 14 IN LAKE PARK OF PEWAUKEE ADDITION NO. 2 IN THE SE 1/4 OF THE SW 1/4 OF SECTION 3, T7N R19E IN THE VILLAGE OF PEWAUKEE, WAUKESHA COUNTY, WISCONSIN

4



Highway	Basis	Width	Date
STH 164	2748-03-21	VARIES	2002
CHESTERWOOD DR.	LAKE PARK OF PEAUAKEE ADDITION NO. 2	60'	1994
STH 164	2780-01-76	VARIES	1984

Line Table		
Line #	Length	Direction
L1	9.00'	S77° 05' 52"E
L2	12.00'	S12° 54' 12"W
L3	9.00'	N77° 05' 52"W
L4	12.00'	N12° 54' 12"E
L5	10.00'	N12° 54' 03"E
L6	15.00'	S77° 05' 53"E
L7	20.00'	S12° 54' 03"W
L8	5.00'	N77° 05' 53"W
L41	10.00'	N77° 05' 53"W
L42	10.00'	N12° 54' 03"E

STATION & OFFSET TABLE		
POINT	STATION	OFFSET
TLE1	234+04.06	+87.00
TLE2	234+04.06	+97.00
TLE4	233+94.07	+77.00
TLE5	234+64.07	+77.00
TLE6	234+73.07	+77.00
TLE7	234+73.07	+89.00
TLE8	234+64.07	+89.00

STATION & OFFSET TABLE		
POINT	STATION	OFFSET
FEE1	234+04.06	+87.00
FEE4	233+94.07	+77.00

STATION & OFFSET TABLE		
POINT	STATION	OFFSET
ERW42	234+04.06	+77.00

Curve Table				
Curve #	Chord Length	Chord Direction	Radius	Curve Length
C5	14.14	S32° 05' 07"E	60.00	14.17

102 AT&T - TELEPHONE
PARCEL 1 - DOC. 2035993
PARCEL 2 - DOC. 2035993

103 WE ENERGIES - ELECTRIC
PARCEL 1 - DOC. 2035993
PARCEL 2 - DOC. 2035993

SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNERS NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY, AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND

PARCEL NUMBER	OWNER	INTEREST REQUIRED	F.E.E. S.F.	T.L.E. S.F.
1 (2)	LAKE PARK HOMEOWNERS ASSOC	FEE, TLE	46	253
2 (2)	LAKE PARK HOMEOWNERS ASSOC	TLE		108

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	OWNER	INTEREST REQUIRED
102	AT&T - TELEPHONE	ROR
103	WE ENERGIES - ELECTRIC	ROR

GN

SCALE, FEET
0 10 20

REVISED 10/02/2025

THIS MAP IS APPROVED FOR THE DEPARTMENT OF TRANSPORTATION
REGION AND CITY REGION OFFICE
SIGNATURE: Robert A Duffke DATE: 10/24/2023
PRINT NAME:

FILE NAME : EXHIBIT_PLATSHEETS.DWG PLOT DATE : 9/18/2025 4:46 PM R/W PROJECT: R/W PROJ NO

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COUNTY COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS) WAUKESHA COUNTY, NAD83 (2011) IN SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES ON THIS EXHIBIT.

NOTES:
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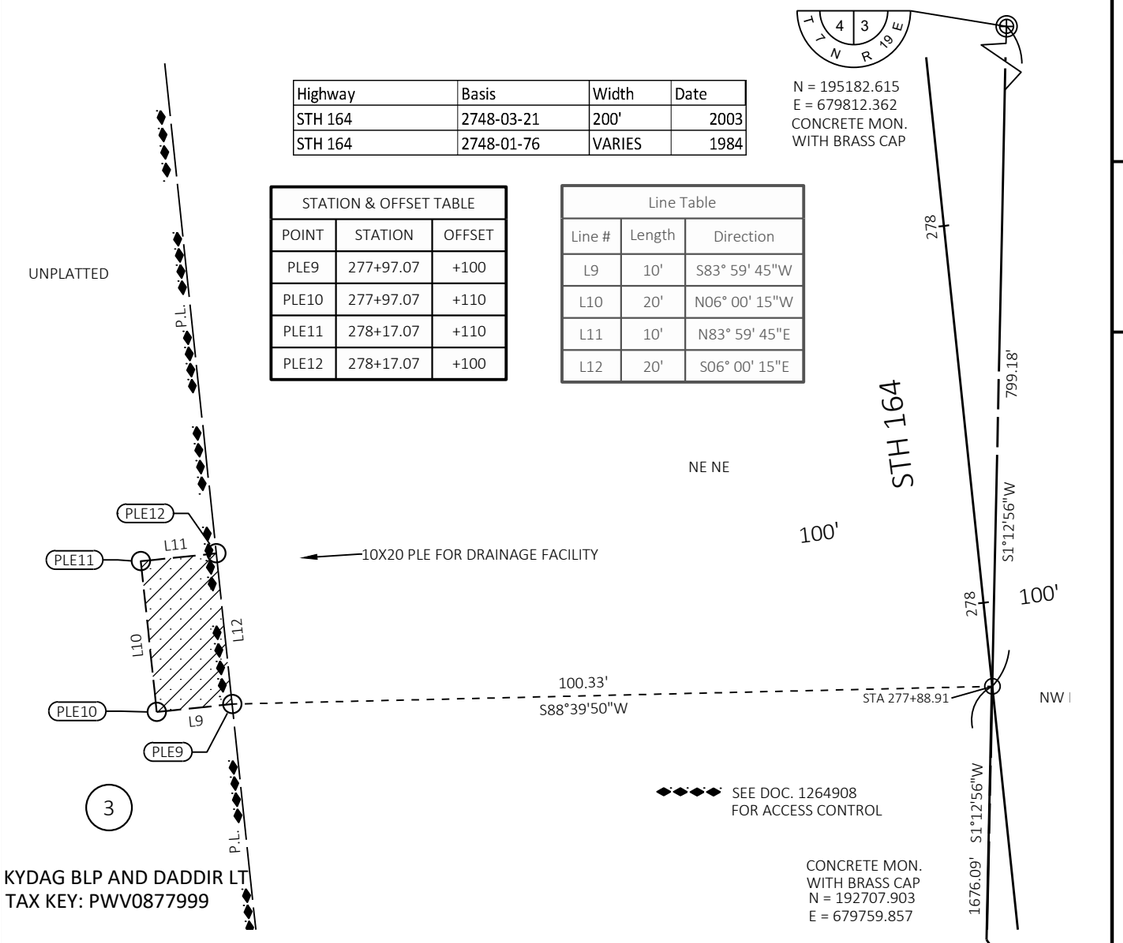
ALL TLE FOR SIDEWALK IMPROVEMENT, UNLESS OTHERWISE NOTED

R/W PROJECT NUMBER: 2370-00-25 | SHEET NUMBER: 4.02

TLE ACQUISITION EXHIBIT
PEWAUKEE ROAD, WAUKESHA - SLINGER
SWAN ROAD TO NORTH COUNTY LINE
STH 164 WAUKESHA COUNTY

THAT PART OF THE NE 1/4 OF THE NE 1/4 OF SECTION 4, T7N R19E IN THE VILLAGE OF PEWAUKEE, WAUKESHA COUNTY, WISCONSIN

4



Highway	Basis	Width	Date
STH 164	2748-03-21	200'	2003
STH 164	2748-01-76	VARIES	1984

STATION & OFFSET TABLE		
POINT	STATION	OFFSET
PLE9	277+97.07	+100
PLE10	277+97.07	+110
PLE11	278+17.07	+110
PLE12	278+17.07	+100

Line Table		
Line #	Length	Direction
L9	10'	S83° 59' 45"W
L10	20'	N06° 00' 15"W
L11	10'	N83° 59' 45"E
L12	20'	S06° 00' 15"E

SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNERS NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY, AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTEREST TO THE

PARCEL NUMBER	OWNER	INTEREST REQUIRED	P.L.E. S.F.
3	KYDAG BLP AND DADDIR LT	PLE	200

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	OWNER	INTEREST REQUIRED

GN

SCALE, FEET
0 10 20

REVISED 10/02/2025

FILE NAME : EXHIBIT_PLATSHEETS.DWG PLOT DATE : 9/18/2025 4:46 PM R/W PROJECT: R/W PROJ NO

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COUNTY COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS) WAUKESHA COUNTY, NAD83 (2011) IN SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES ON THIS EXHIBIT.

NOTES:

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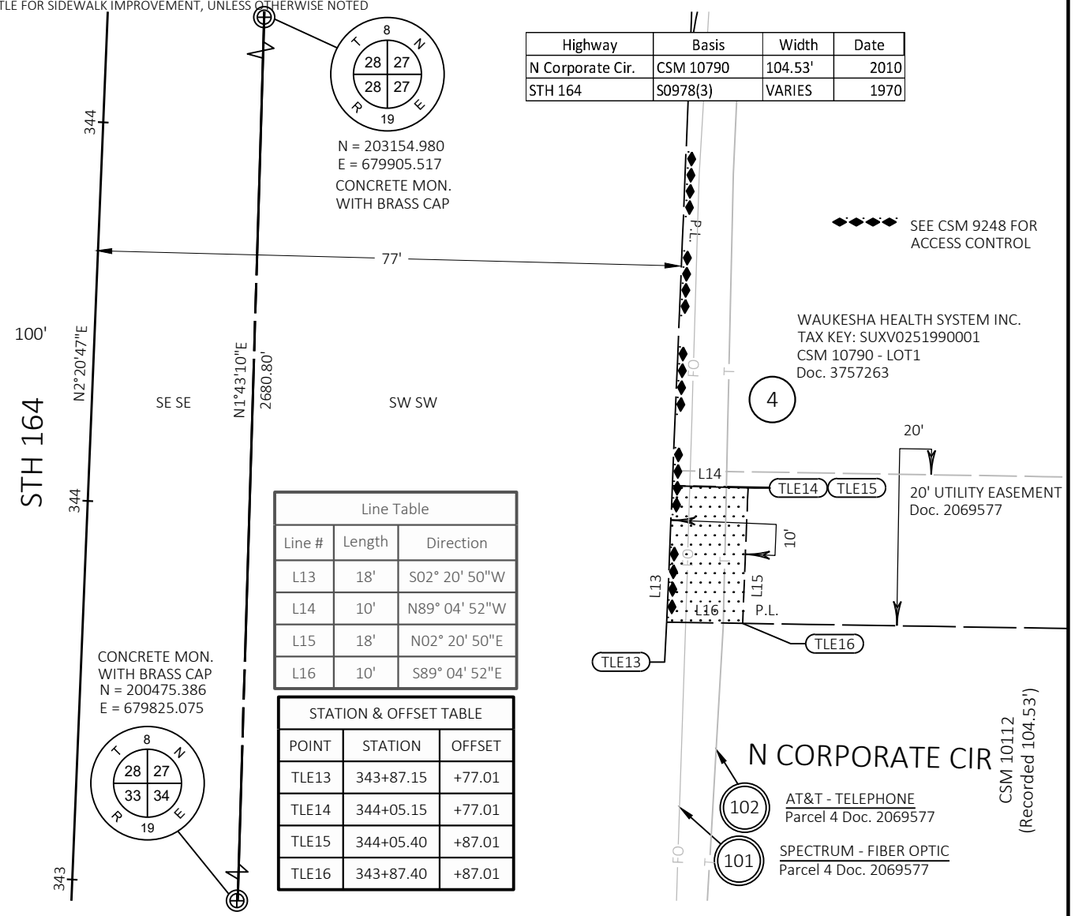
ALL TLE FOR SIDEWALK IMPROVEMENT, UNLESS OTHERWISE NOTED

R/W PROJECT NUMBER: 2370-00-25 | SHEET NUMBER: 4.03

TLE ACQUISITION EXHIBIT
PEWAUKEE ROAD, WAUKESHA - SLINGER
SWAN ROAD TO NORTH COUNTY LINE
STH 164 WAUKESHA COUNTY

THAT PART OF LOT 1, CSM 10790 IN THE SW 1/4 OF THE SW 1/4 OF SECTION 27, T8N R19E IN THE VILLAGE OF SUSSEX, WAUKESHA COUNTY, WISCONSIN

Highway	Basis	Width	Date
N Corporate Cir.	CSM 10790	104.53'	2010
STH 164	S0978(3)	VARIES	1970



Line Table		
Line #	Length	Direction
L13	18'	S02° 20' 50"W
L14	10'	N89° 04' 52"W
L15	18'	N02° 20' 50"E
L16	10'	S89° 04' 52"E

STATION & OFFSET TABLE		
POINT	STATION	OFFSET
TLE13	343+87.15	+77.01
TLE14	344+05.15	+77.01
TLE15	344+05.40	+87.01
TLE16	343+87.40	+87.01

SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNERS NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY, AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTEREST TO THE DEPARTMENT.

REVISED 10/02/2025

PARCEL NUMBER	OWNER	INTEREST REQUIRED	T.L.E. S.F.
4	WAUKESHA HEALTH SYSTEM INC	TLE	180

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	OWNER	INTEREST REQUIRED	
101	SPECTRUM - FIBER OPTIC	ROR	
102	AT&T - TELEPHONE	ROR	

GN

SCALE, FEET
0 10 20

FILE NAME : EXHIBIT_PLATSHEETS.DWG PLOT DATE : 9/18/2025 4:46 PM R/W PROJECT: R/W PROJ NO

4

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COUNTY COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS) WAUKESHA COUNTY, NAD83 (2011) IN SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES ON THIS EXHIBIT.

NOTES:

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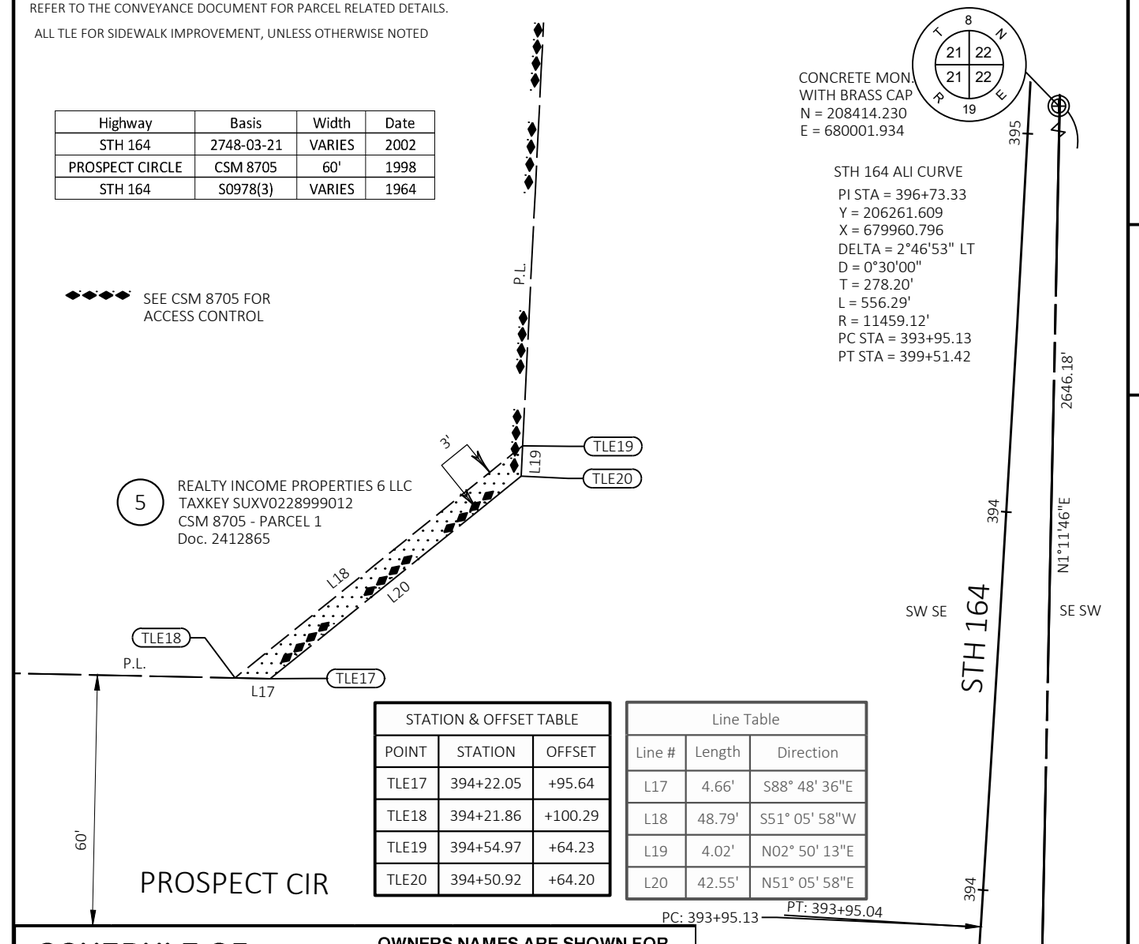
ALL TLE FOR SIDEWALK IMPROVEMENT, UNLESS OTHERWISE NOTED

R/W PROJECT NUMBER: 2370-00-25 | SHEET NUMBER: 4.04

TLE ACQUISITION EXHIBIT
PEWAUKEE ROAD, WAUKESHA - SLINGER
SWAN ROAD TO NORTH COUNTY LINE
STH 164 WAUKESHA COUNTY

THAT PART OF PARCEL 1, CSM 8705 IN THE SE 1/4 OF THE SE 1/4 OF SECTION 21, T8N R19E IN THE VILLAGE OF SUSSEX, WAUKESHA COUNTY, WISCONSIN

Highway	Basis	Width	Date
STH 164	2748-03-21	VARIES	2002
PROSPECT CIRCLE	CSM 8705	60'	1998
STH 164	S0978(3)	VARIES	1964



STATION & OFFSET TABLE		
POINT	STATION	OFFSET
TLE17	394+22.05	+95.64
TLE18	394+21.86	+100.29
TLE19	394+54.97	+64.23
TLE20	394+50.92	+64.20

Line Table		
Line #	Length	Direction
L17	4.66'	S88° 48' 36"E
L18	48.79'	S51° 05' 58"W
L19	4.02'	N02° 50' 13"E
L20	42.55'	N51° 05' 58"E

SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNERS NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY, AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTEREST TO THE DEPARTMENT.

REVISED 10/02/2025

PARCEL NUMBER	OWNER	INTEREST REQUIRED	T.L.E. S.F.
5	REALTY INCOME PROPERTIES 6 LLC	TLE	137

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	OWNER	INTEREST REQUIRED	

GN

SCALE, FEET
0 10 20

FILE NAME : EXHIBIT_PLATSHEETS.DWG PLOT DATE : 9/18/2025 4:46 PM R/W PROJECT: R/W PROJ NO

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COUNTY COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS) WAUKESHA COUNTY, NAD83 (2011) IN SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES ON THIS EXHIBIT.

NOTES:

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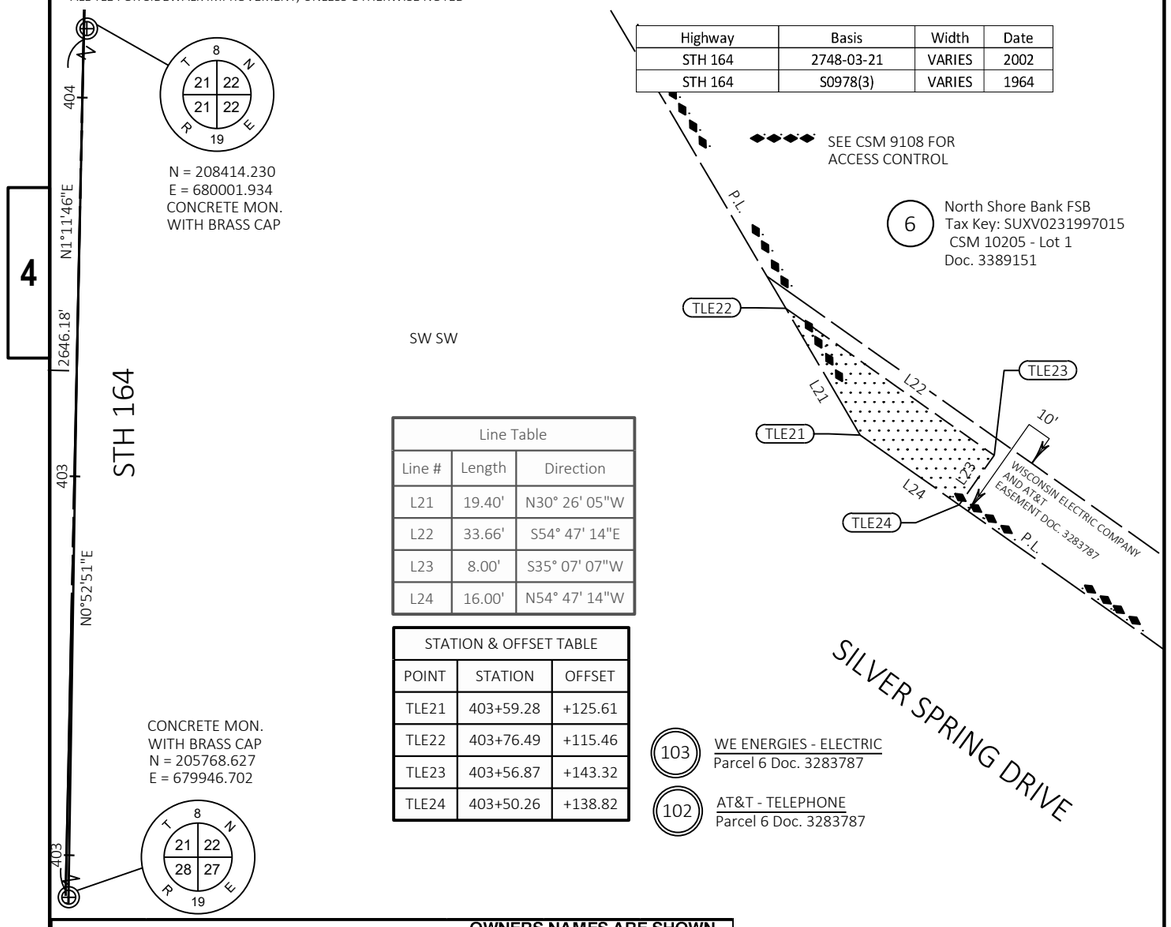
ALL TLE FOR SIDEWALK IMPROVEMENT, UNLESS OTHERWISE NOTED

R/W PROJECT NUMBER: 2370-00-25 | SHEET NUMBER: 4.05

TLE ACQUISITION EXHIBIT
PEWAUKEE ROAD, WAUKESHA - SLINGER
SWAN ROAD TO NORTH COUNTY LINE
STH 164 WAUKESHA COUNTY

THAT PART OF LOT 1, CSM 10205 IN THE SW 1/4 OF THE SW 1/4 OF SECTION 22, T8N R19E IN THE VILLAGE OF SUSSEX, WAUKESHA COUNTY, WISCONSIN

4



Highway	Basis	Width	Date
STH 164	2748-03-21	VARIES	2002
STH 164	S0978(3)	VARIES	1964

Line Table		
Line #	Length	Direction
L21	19.40'	N30° 26' 05"W
L22	33.66'	S54° 47' 14"E
L23	8.00'	S35° 07' 07"W
L24	16.00'	N54° 47' 14"W

STATION & OFFSET TABLE		
POINT	STATION	OFFSET
TLE21	403+59.28	+125.61
TLE22	403+76.49	+115.46
TLE23	403+56.87	+143.32
TLE24	403+50.26	+138.82

SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNERS NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY, AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTEREST

PARCEL NUMBER	OWNER	INTEREST REQUIRED	T.L.E. S.F.
6	North Shore Bank	TLE	199

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	OWNER	INTEREST REQUIRED	
102	AT&T - TELEPHONE	ROR	
103	WE ENERGIES - ELECTRIC	ROR	

REVISED 10/02/2025

GN

SCALE, FEET
0 10 20

FILE NAME : EXHIBIT_PLATSHEETS.DWG PLOT DATE : 9/18/2025 4:46 PM R/W PROJECT: R/W PROJ NO

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COUNTY COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS) WAUKESHA COUNTY, NAD83 (2011) IN SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES ON THIS EXHIBIT.

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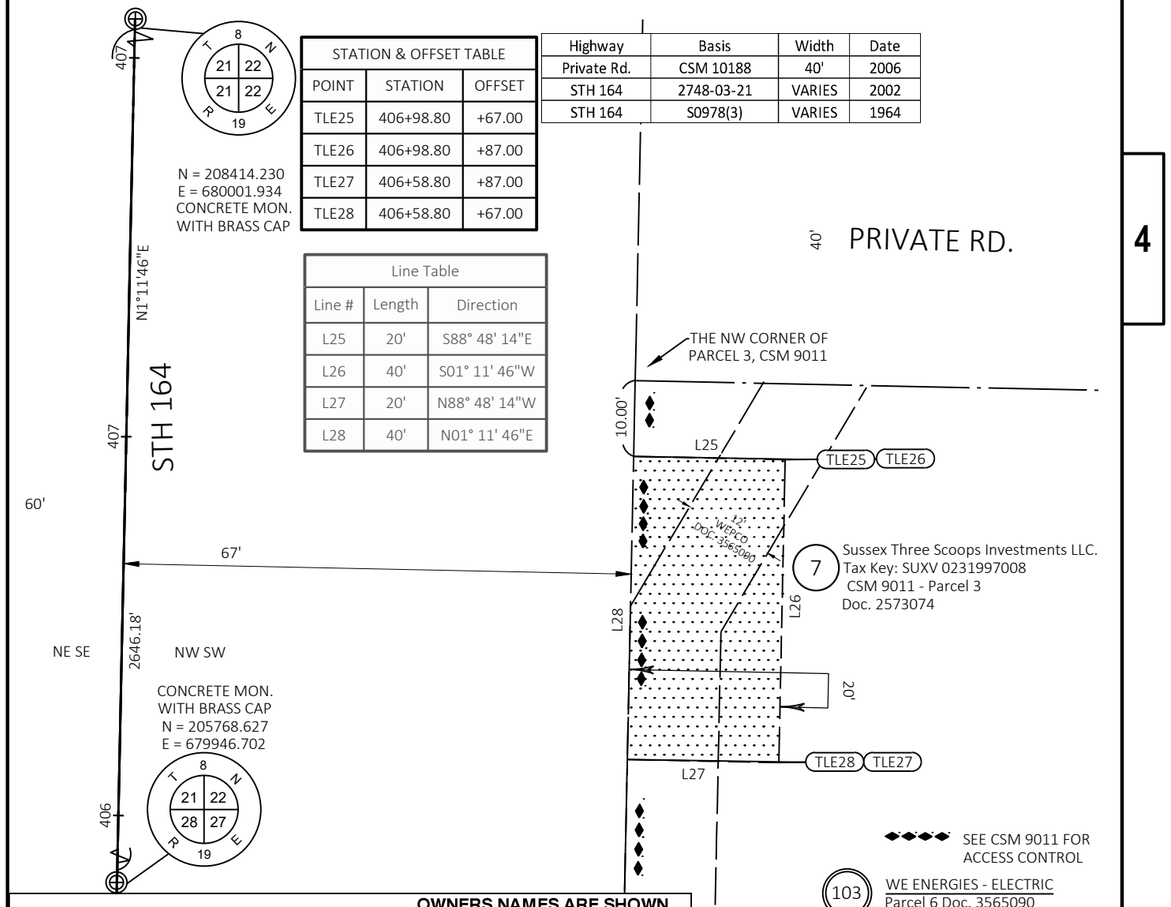
ALL TLE FOR SIDEWALK IMPROVEMENT, UNLESS OTHERWISE NOTED

R/W PROJECT NUMBER: 2370-00-25 | SHEET NUMBER: 4.06

TLE ACQUISITION EXHIBIT
PEWAUKEE ROAD, WAUKESHA - SLINGER
SWAN ROAD TO NORTH COUNTY LINE
STH 164 WAUKESHA COUNTY

THAT PART OF PARCEL 3, CSM 9011 IN THE NW 1/4 OF THE SW 1/4 OF SECTION 22, T8N R19E IN THE VILLAGE OF SUSSEX, WAUKESHA COUNTY, WISCONSIN

4



STATION & OFFSET TABLE		
POINT	STATION	OFFSET
TLE25	406+98.80	+67.00
TLE26	406+98.80	+87.00
TLE27	406+58.80	+87.00
TLE28	406+58.80	+67.00

Highway	Basis	Width	Date
Private Rd.	CSM 10188	40'	2006
STH 164	2748-03-21	VARIES	2002
STH 164	S0978(3)	VARIES	1964

Line Table		
Line #	Length	Direction
L25	20'	S88° 48' 14"E
L26	40'	S01° 11' 46"W
L27	20'	N88° 48' 14"W
L28	40'	N01° 11' 46"E

SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNERS NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY, AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTEREST

PARCEL NUMBER	OWNER	INTEREST REQUIRED	T.L.E. S.F.
7	Sussex Three Scoops Investment LLC.	TLE	800

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	OWNER	INTEREST REQUIRED	
103	WE ENERGIES - ELECTRIC	ROR	

REVISED 10/02/2025

GN

SCALE, FEET
0 10 20

FILE NAME : EXHIBIT_PLATSHEETS.DWG PLOT DATE : 9/18/2025 4:46 PM R/W PROJECT: R/W PROJ NO

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COUNTY COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS) WAUKESHA COUNTY, NAD83 (2011) IN SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES ON THIS EXHIBIT.

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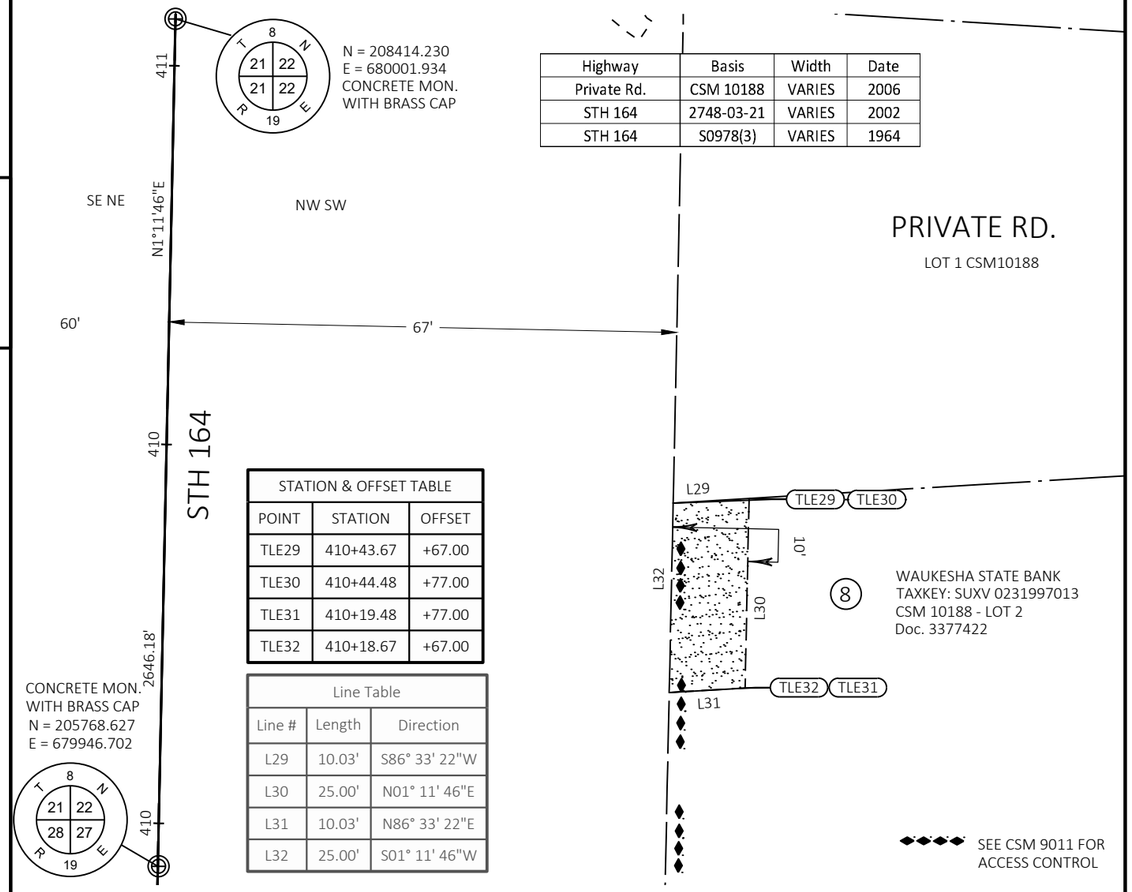
ALL TLE FOR SIDEWALK IMPROVEMENT, UNLESS OTHERWISE NOTED

R/W PROJECT NUMBER: 2370-00-25	SHEET NUMBER: 4.07

TLE ACQUISITION EXHIBIT
PEWAUKEE ROAD, WAUKESHA - SLINGER
SWAN ROAD TO NORTH COUNTY LINE
STH 164 WAUKESHA COUNTY

THAT PART OF LOT 2, CSM 10188 IN THE NW 1/4 OF THE SW 1/4 OF SECTION 22, T8N R19E IN THE VILLAGE OF SUSSEX, WAUKESHA COUNTY, WISCONSIN



Highway	Basis	Width	Date
Private Rd.	CSM 10188	VARIES	2006
STH 164	2748-03-21	VARIES	2002
STH 164	S0978(3)	VARIES	1964

STATION & OFFSET TABLE		
POINT	STATION	OFFSET
TLE29	410+43.67	+67.00
TLE30	410+44.48	+77.00
TLE31	410+19.48	+77.00
TLE32	410+18.67	+67.00

Line Table		
Line #	Length	Direction
L29	10.03'	S86° 33' 22"W
L30	25.00'	N01° 11' 46"E
L31	10.03'	N86° 33' 22"E
L32	25.00'	S01° 11' 46"W

SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNERS NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY, AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTEREST TO THE DEPARTMENT.

REVISED 10/2/2025

PARCEL NUMBER	OWNER	INTEREST REQUIRED	T.L.E. S.F.
8	WAUKESHA STATE BANK	TLE	250

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	OWNER	INTEREST REQUIRED	

GN

SCALE, FEET
0 10 20

FILE NAME : EXHIBIT_PLATSHEETS.DWG PLOT DATE : 10/24/2025 2:21 PM R/W PROJECT: R/W PROJ NO

4

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COUNTY COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS) WAUKESHA COUNTY, NAD83 (2011) IN SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES ON THIS EXHIBIT.

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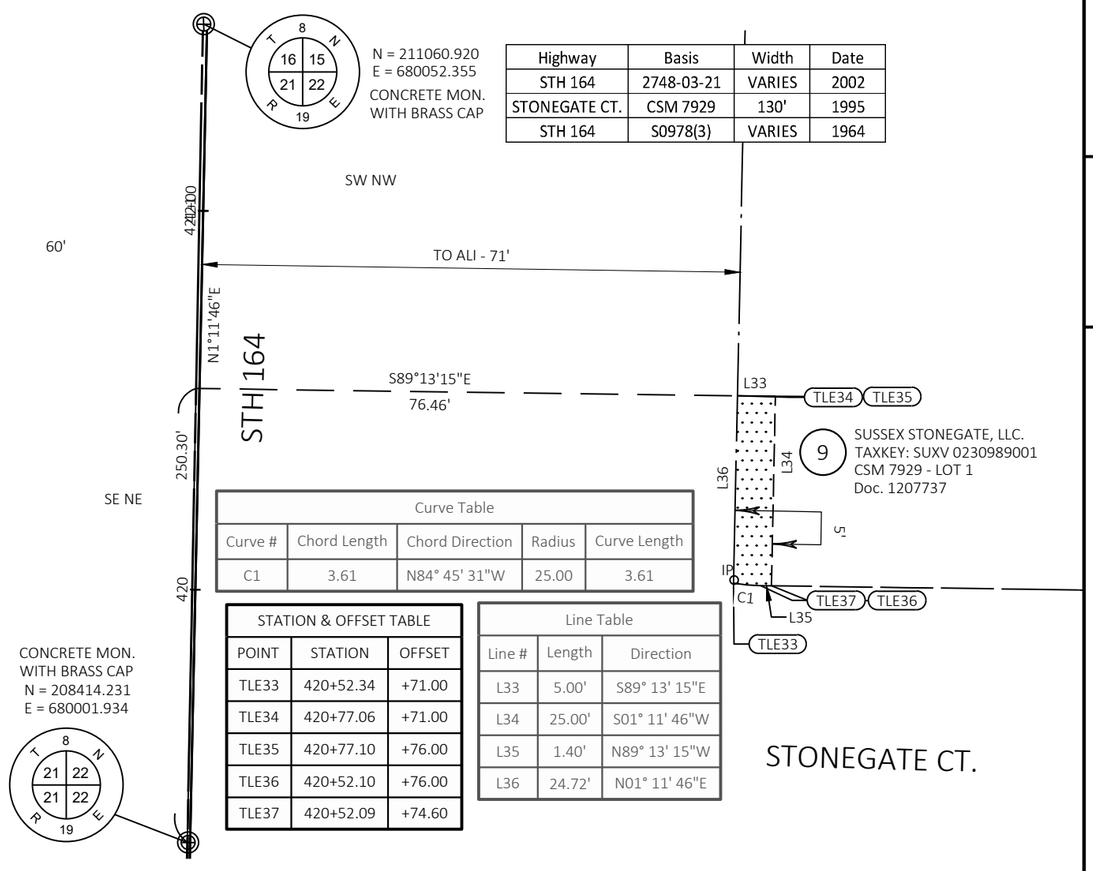
ALL TLE FOR SIDEWALK IMPROVEMENT, UNLESS OTHERWISE NOTED

R/W PROJECT NUMBER: 2370-00-25	SHEET NUMBER: 4.08

TLE ACQUISITION EXHIBIT
PEWAUKEE ROAD, WAUKESHA - SLINGER
SWAN ROAD TO NORTH COUNTY LINE
STH 164 WAUKESHA COUNTY

THAT PART OF LOT 1, CSM 7929 IN THE SW 1/4 OF THE NW 1/4 OF SECTION 22, T8N R19E IN THE VILLAGE OF SUSSEX, WAUKESHA COUNTY, WISCONSIN



Highway	Basis	Width	Date
STH 164	2748-03-21	VARIES	2002
STONEGATE CT.	CSM 7929	130'	1995
STH 164	S0978(3)	VARIES	1964

Curve Table				
Curve #	Chord Length	Chord Direction	Radius	Curve Length
C1	3.61	N84° 45' 31"W	25.00	3.61

STATION & OFFSET TABLE		
POINT	STATION	OFFSET
TLE33	420+52.34	+71.00
TLE34	420+77.06	+71.00
TLE35	420+77.10	+76.00
TLE36	420+52.10	+76.00
TLE37	420+52.09	+74.60

Line Table		
Line #	Length	Direction
L33	5.00'	S89° 13' 15"E
L34	25.00'	S01° 11' 46"W
L35	1.40'	N89° 13' 15"W
L36	24.72'	N01° 11' 46"E

SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNERS NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY, AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTEREST TO THE DEPARTMENT.

REVISED 10/2/2025

PARCEL NUMBER	OWNER	INTEREST REQUIRED	T.L.E. S.F.
9	SUSSEX STONEGATE, LLC	TLE	125

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	OWNER	INTEREST REQUIRED	

GN

SCALE, FEET
0 10 20

FILE NAME : EXHIBIT_PLATSHEETS.DWG PLOT DATE : 10/24/2025 2:21 PM R/W PROJECT: R/W PROJ NO

4

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COUNTY COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS) WAUKESHA COUNTY, NAD83 (2011) IN SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES ON THIS EXHIBIT.

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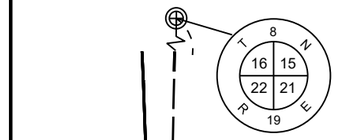
ALL TLE FOR SIDEWALK IMPROVEMENT, UNLESS OTHERWISE NOTED

R/W PROJECT NUMBER: 2370-00-25	SHEET NUMBER: 4.09

TLE ACQUISITION EXHIBIT
PEWAUKEE ROAD, WAUKESHA - SLINGER
SWAN ROAD TO NORTH COUNTY LINE
STH 164 WAUKESHA COUNTY

THAT PART THE SW 1/4 OF THE NW 1/4 OF SECTION 22, T8N R19E IN THE TOWN OF LIBSON, WAUKESHA COUNTY, WISCONSIN



N = 211060.920
E = 680052.355
CONCRETE MON.
WITH BRASS CAP

Line Table		
Line #	Length	Direction
L37	20'	N01° 03' 53"E
L38	5'	S77° 29' 30"E
L39	20'	S01° 03' 53"W
L40	5'	N77° 29' 30"W

STATION & OFFSET TABLE		
POINT	STATION	OFFSET
FEE38	424+79.01	+71.77
FEE39	424+77.84	+76.63
FEE40	424+58.37	+75.86

Highway	Basis	Width	Date
STH 164	2748-03-21	VARIES	2002
STH 164	S0978(3)	VARIES	1964

STATION & OFFSET TABLE		
POINT	STATION	OFFSET
ERW48	424+59.51	+71.00

1997.25'

424+00

ALI - C1

STH 164

10 WRITZ REALTY LLC
TAXKEY: LSBT0230992
UPLATTED

FEE38
L38
FEE39
5'
L37
L39
ERW48
71.53'
S77°29'30"E
L40
FEE40

SW NW

TOWN OF LISBON
VILLAGE OF SUSSEX

ALI C1
PI STA = 436+20.19
Y = 210207.782
X = 680039.379
DELTA = 47°44'31" LT
D = 2°00'00"
T = 1267.77'
L = 2387.10'
R = 2864.79'
PC STA = 423+52.42
PT STA = 447+39.52

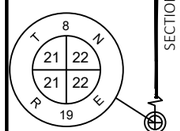
HIGHWAY EASEMENT
DOC. 3378742

UNION PACIFIC RAILROAD

424

CONCRETE MON.
WITH BRASS CAP
N = 208414.231
E = 680001.934

SECTION LINE



100'

REVISED 10/2/2025

GN

SCALE, FEET
0 10 20

SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNERS NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY, AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTEREST TO THE

PARCEL NUMBER	OWNER	INTEREST REQUIRED	F.E.E. S.F.
10	WIRTZ REALTY LLC	FEE	100
-	-	-	
-	-	-	

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	OWNER	INTEREST REQUIRED	
-	-	ROR	
-	-	ROR	
-	-	ROR	

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COUNTY COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS) WAUKESHA COUNTY, NAD83 (2011) IN SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES ON THIS EXHIBIT.

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R/W PROJECT NUMBER: 2370-00-25	SHEET NUMBER:

TLE ACQUISITION EXHIBIT
PEWAUKEE ROAD, WAUKESHA - SLINGER
SWAN ROAD TO NORTH COUNTY LINE
STH 164 WAUKESHA COUNTY

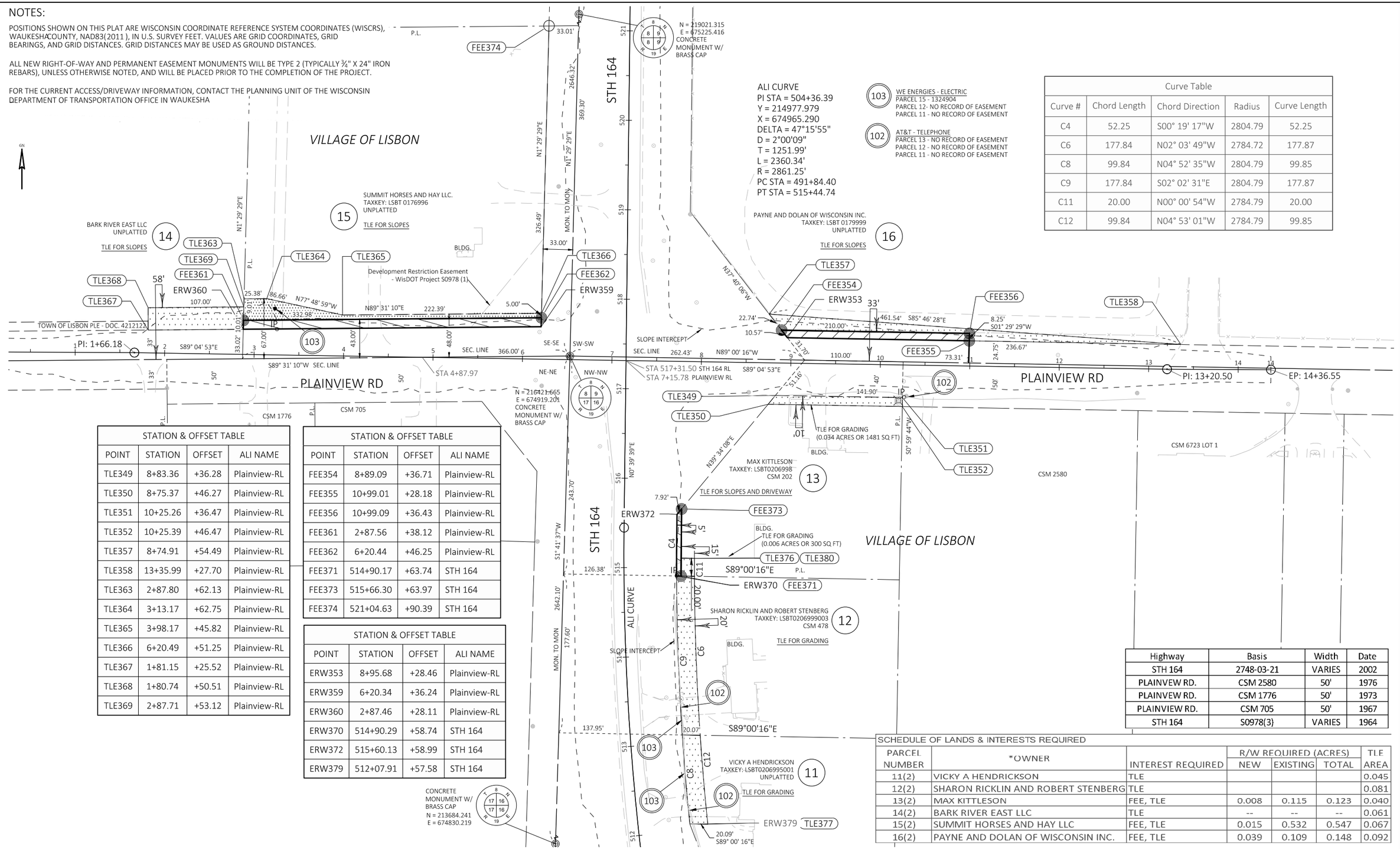
THIS SHEET IS INTENTIONALLY BLANK

NOTES:

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), WAUKESHA COUNTY, NAD83(2011), IN U.S. SURVEY FEET. VALUES ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

ALL NEW RIGHT-OF-WAY AND PERMANENT EASEMENT MONUMENTS WILL BE TYPE 2 (TYPICALLY ¾" X 24" IRON REBARS), UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

FOR THE CURRENT ACCESS/DRIVEWAY INFORMATION, CONTACT THE PLANNING UNIT OF THE WISCONSIN DEPARTMENT OF TRANSPORTATION OFFICE IN WAUKESHA



Curve Table				
Curve #	Chord Length	Chord Direction	Radius	Curve Length
C4	52.25	S00° 19' 17"W	2804.79	52.25
C6	177.84	N02° 03' 49"W	2784.72	177.87
C8	99.84	N04° 52' 35"W	2804.79	99.85
C9	177.84	S02° 02' 31"E	2804.79	177.87
C11	20.00	N00° 00' 54"W	2784.79	20.00
C12	99.84	N04° 53' 01"W	2784.79	99.85

STATION & OFFSET TABLE			
POINT	STATION	OFFSET	ALI NAME
TLE349	8+83.36	+36.28	Plainview-RL
TLE350	8+75.37	+46.27	Plainview-RL
TLE351	10+25.26	+36.47	Plainview-RL
TLE352	10+25.39	+46.47	Plainview-RL
TLE357	8+74.91	+54.49	Plainview-RL
TLE358	13+35.99	+27.70	Plainview-RL
TLE363	2+87.80	+62.13	Plainview-RL
TLE364	3+13.17	+62.75	Plainview-RL
TLE365	3+98.17	+45.82	Plainview-RL
TLE366	6+20.49	+51.25	Plainview-RL
TLE367	1+81.15	+25.52	Plainview-RL
TLE368	1+80.74	+50.51	Plainview-RL
TLE369	2+87.71	+53.12	Plainview-RL

STATION & OFFSET TABLE			
POINT	STATION	OFFSET	ALI NAME
FEE354	8+89.09	+36.71	Plainview-RL
FEE355	10+99.01	+28.18	Plainview-RL
FEE356	10+99.09	+36.43	Plainview-RL
FEE361	2+87.56	+38.12	Plainview-RL
FEE362	6+20.44	+46.25	Plainview-RL
FEE371	514+90.17	+63.74	STH 164
FEE373	515+66.30	+63.97	STH 164
FEE374	521+04.63	+90.39	STH 164

STATION & OFFSET TABLE			
POINT	STATION	OFFSET	ALI NAME
ERW353	8+95.68	+28.46	Plainview-RL
ERW359	6+20.34	+36.24	Plainview-RL
ERW360	2+87.46	+28.11	Plainview-RL
ERW370	514+90.29	+58.74	STH 164
ERW372	515+60.13	+58.99	STH 164
ERW379	512+07.91	+57.58	STH 164

Highway	Basis	Width	Date
STH 164	2748-03-21	VARIES	2002
PLAINVEW RD.	CSM 2580	50'	1976
PLAINVEW RD.	CSM 1776	50'	1973
PLAINVIEW RD.	CSM 705	50'	1967
STH 164	S0978(3)	VARIES	1964

SCHEDULE OF LANDS & INTERESTS REQUIRED

PARCEL NUMBER	*OWNER	INTEREST REQUIRED	R/W REQUIRED (ACRES) NEW	EXISTING	TOTAL	TLE AREA
11(2)	VICKY A HENDRICKSON	TLE				0.045
12(2)	SHARON RICKLIN AND ROBERT STENBERG	TLE				0.081
13(2)	MAX KITTLESON	FEE, TLE	0.008	0.115	0.123	0.040
14(2)	BARK RIVER EAST LLC	TLE	--	--	--	0.061
15(2)	SUMMIT HORSES AND HAY LLC	FEE, TLE	0.015	0.532	0.547	0.067
16(2)	PAYNE AND DOLAN OF WISCONSIN INC.	FEE, TLE	0.039	0.109	0.148	0.092

REVISION DATE 10/02/2025

DATE 10/24/2023

GRID FACTOR

SCALE, FEET 0 50 100

HWY: STH 164

COUNTY: WAUKESHA

STATE R/W PROJECT NUMBER 2370-00-25

CONSTRUCTION PROJECT NUMBER 2370-00-75

PLAT SHEET 4.10

PS&E SHEET 669 E

FILE NAME : TRADITIONA_PLATSHEETS.DWG
LAYOUT NAME - 4.10

PLOT DATE : 10/2/2025 7:59 AM PLOT BY : PECK, MATTHEW PLOT NAME : PLOT SCALE :

WISDOT/CADDS SHEET 75

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COUNTY COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS) WAUKESHA COUNTY, NAD83 (2011) IN SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES ON THIS EXHIBIT.

NOTES:

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R/W PROJECT NUMBER: 2370-00-25	SHEET NUMBER:

TLE ACQUISITION EXHIBIT
PEWAUKEE ROAD, WAUKESHA - SLINGER
SWAN ROAD TO NORTH COUNTY LINE
STH 164 WAUKESHA COUNTY

THIS SHEET IS INTENTIONALLY BLANK

GN

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COUNTY COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS) WAUKESHA COUNTY, NAD83 (2011) IN SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES ON THIS EXHIBIT.

NOTES:

THIS EXHIBIT IS A GRAPHIC REPRESENTATION AND IS FOR REFERENCE PURPOSES ONLY. REFER TO THE CONVEYANCE DOCUMENT FOR PARCEL RELATED DETAILS.

ALL TLE FOR SIDEWALK IMPROVEMENT, UNLESS OTHERWISE NOTED

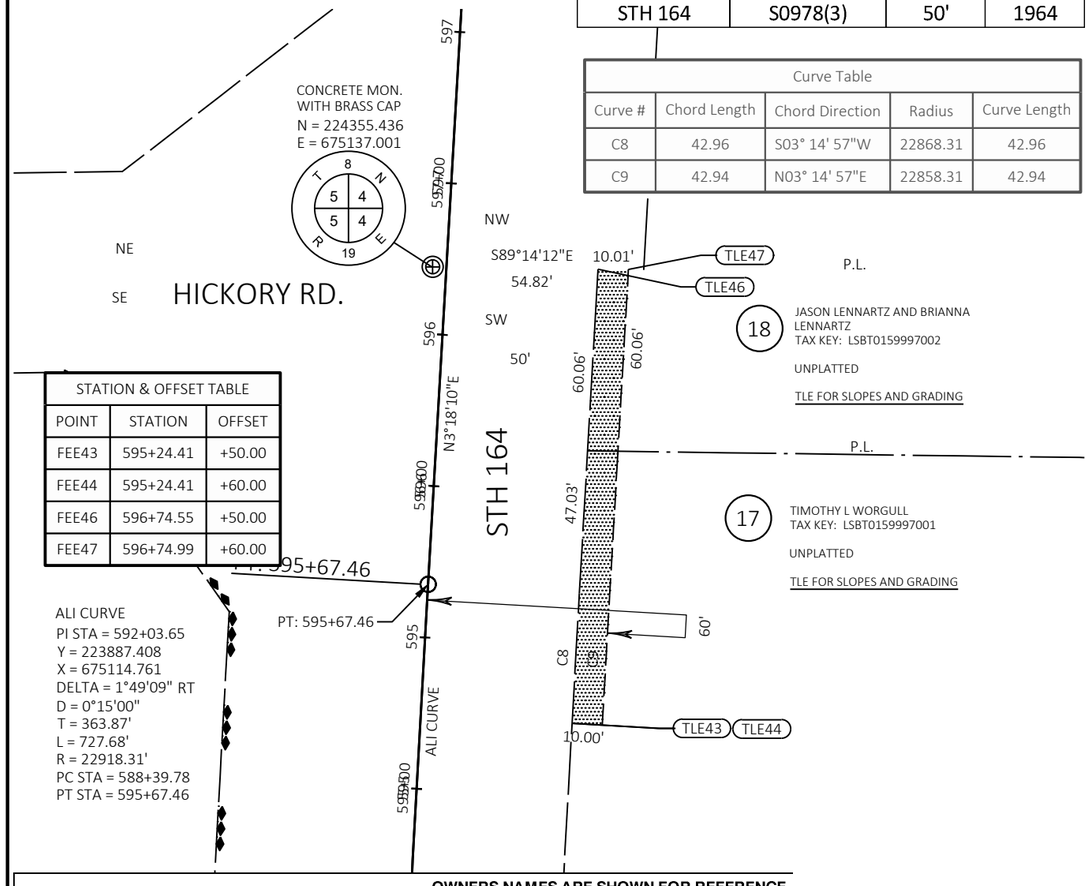
R/W PROJECT NUMBER: 2370-00-25	SHEET NUMBER: 4.11

TLE ACQUISITION EXHIBIT
PEWAUKEE ROAD, WAUKESHA - SLINGER
SWAN ROAD TO NORTH COUNTY LINE
STH 164 WAUKESHA COUNTY

THAT PART THE NW 1/4 OF THE SW 1/4 OF SECTION 4, T8N R19E IN THE VILLAGE OF LIBSON, WAUKESHA COUNTY, WISCONSIN

Highway	Basis	Width	Date
STH 164	S0978(3)	50'	1964

Curve Table				
Curve #	Chord Length	Chord Direction	Radius	Curve Length
C8	42.96	S03° 14' 57"W	22868.31	42.96
C9	42.94	N03° 14' 57"E	22858.31	42.94



STATION & OFFSET TABLE		
POINT	STATION	OFFSET
FEE43	595+24.41	+50.00
FEE44	595+24.41	+60.00
FEE46	596+74.55	+50.00
FEE47	596+74.99	+60.00

SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNERS NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY, AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTEREST TO THE DEPARTMENT.

REVISED 10/2/2025

PARCEL NUMBER	OWNER	INTEREST REQUIRED	T.L.E. S.F.
18(2)	JASON LENNARTZ AND BRIANNA LENNARTZ	TLE	601
17(2)	TIMOTHY L WORGULL	TLE	901
-	-	-	-

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	OWNER	INTEREST REQUIRED	
-	-	ROR	
-	-	ROR	
-	-	ROR	

FILE NAME : EXHIBIT_PLATSHEETS.DWG PLOT DATE : 4/23/2026 12:52 PM R/W PROJECT: R/W PROJ NO

Standard Detail Drawing List

08A05-22C	INLET COVERS TYPE F, HM, HM-S, S, T, HM-GJ & HM-GJ-S
08D01-24A	CONCRETE CURB & GUTTER
08D01-24B	CONCRETE CURB, TIES AND CURB AND GUTTER APPLICATIONS
08D04-07	CONCRETE SURFACE DRAINS & ASPHALTIC FLUMES
08D05-22A	CURB RAMPS TYPES 1 AND 1-A
08D05-22B	CURB RAMPS TYPES 2 AND 3
08D05-22C	CURB RAMPS TYPES 4A AND 4A1
08D05-22D	CURB RAMPS TYPES 4B AND 4B1
08D05-22E	CURB RAMPS TYPES 5, 6, 7A, 7B & 8
08D05-22F	CURB RAMPS RADIAL DETECTABLE WARNING FIELD APPLICATIONS
08D05-22G	CURB RAMPS RECTANGULAR AND RADIAL DETECTABLE WARNING PLATES
08E08-03	TYPICAL INSTALLATIONS OF EROSION BALES / TEMPORARY DITCH CHECKS
08E09-06	SILT FENCE
08E10-02	INLET PROTECTION TYPE A, B, C AND D
08F01-11	APRON ENDWALLS FOR CULVERT PIPE
08F04-08	JOINT TIES FOR CONCRETE PIPE AND CONCRETE COLLAR DETAIL
09B02-10	CONDUIT
09B16-04	PULL BOX NON-CONDUCTIVE
09C02-09	CONCRETE BASES, TYPES 1, 2, 5, & 6
09C03-04	TRANSFORMER/PEDESTAL BASES
09C06-07	CONCRETE CONTROL CABINET BASE, TYPE 9, SPECIAL
09C11-11	CONCRETE BASE TYPE 10
09C12-10B	CONCRETE BASE TYPE 13
09C15-03	CONCRETE BASE TYPE 10 SPECIAL
09C16-01	CONCRETE BASE TYPE 10 SPECIAL EXTENSION
09D01-05	CABINET SERVICE INSTALLATION (METER BREAKER PEDESTAL)
09D02-03	SIGNAL CONTROL CABINET
09D03-03	POST MOUNTED CONTROLLER SERVICE INSTALLATION
09E01-17D	POLE MOUNTINGS FOR LIGHTING UNITS, TYPE 5 (30 FEET)
09E01-17G	HARDWARE DETAILS FOR POLE MOUNTINGS
09E03-06	NON-FREEWAY LIGHTING UNIT POLE WIRING
09E06-06	TRAFFIC SIGNAL STANDARD POLY BRACKET MOUNTINGS (TYPICAL) 13 FT. OR 15 FT.
09E07-06	TRAFFIC SIGNAL STANDARD PEDESTRIAN AND FLASHER TYPICAL MOUNTING DETAILS
09E08-10A	TYPE 9 POLE 15'-30' MONOTUBE ARM
09E08-10C	TYPE 9 SPECIAL POLE 40' MONOTUBE ARM
09E08-10D	TYPE 9 SPECIAL POLE 45' MONOTUBE ARM
09E08-10E	TYPE 10 POLE 15'-30' MONOTUBE ARM
09E08-10K	GENERAL NOTES, HARDWARE DETAILS FOR TYPE 9, 10, 9/10 SPECIAL,12 & 13 POLES W/ MONOTUBE ARMS
09E12-03C	OVER HEIGHT TYPE 9 SPECIAL POLE 40' MONOTUBE ARM
09E12-03D	OVER HEIGHT TYPE 9 SEPCIAL POLE 45' MONOTUBE ARM
09E12-03K	GENERAL NOTES AND HARDWARE FOR OVER HEIGHT TYPE 9, 10, 9/10 SPECIAL, 12 AND 13 POLES WITH MONOTUBE ARMS
09F08-04	LOOP DETECTOR PLACED IN CRUSHED AGGREGATE BASE (NEW ASPHALTIC PAVEMENT)
09F09-05	LOOP DETECTOR PLACED IN CRUSHED AGGREGATE BASE (NEW CONCRETE PAVEMENT)
09F15-05A	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 1)
09F15-05B	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)
09G01-04A	SPAN WIRE TEMPORARY TRAFFIC SIGNAL
09G01-04B	SPAN WIRE TEMPORARY TRAFFIC SIGNAL
09G01-04C	SPAN WIRE TEMPORARY TRAFFIC SIGNAL
09G01-04D	SPAN WIRE TEMPORARY TRAFFIC SIGNAL
09G01-04E	SPAN WIRE TEMPORARY TRAFFIC SIGNAL
09G01-04F	SPAN WIRE TEMPORARY TRAFFIC SIGNAL
09G01-04G	SPAN WIRE TEMPORARY TRAFFIC SIGNAL
13C01-19	CONCRETE PAVEMENT LONGITUDINAL JOINTS AND TIES
13C13-11	URBAN DOWELED CONCRETE PAVEMENT
13C19-03	HMA LONGITUDINAL JOINTS
14B20-12A	STEEL THRIE BEAM STRUCTURE APPROACH
14B26-05A	STEEL THRIE BEAM BULLNOSE TERMINAL
14B26-05B	STEEL THRIE BEAM BULLNOSE TERMINAL
14B26-05C	STEEL THRIE BEAM BULLNOSE TERMINAL
14B26-05D	STEEL THRIE BEAM BULLNOSE TERMINAL
14B26-05E	STEEL THRIE BEAM BULLNOSE TERMINAL
14B26-05F	STEEL THRIE BEAM BULLNOSE TERMINAL
14B26-05G	STEEL THRIE BEAM BULLNOSE TERMINAL
14B26-05H	STEEL THRIE BEAM BULLNOSE TERMINAL
14B29-01	SAFETY EDGE
14B42-07A	MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL

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Standard Detail Drawing List

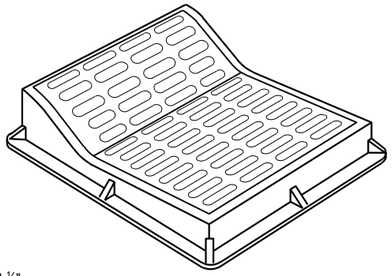
14B42-07B	MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL
14B42-07C	MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL
14B42-07D	MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL
14B44-04A	MIDWEST GUARDRAIL SYSTEM ENERGY ABSORBING TERMINAL (MGS)
14B44-04B	MIDWEST GUARDRAIL SYSTEM ENERGY ABSORBING TERMINAL (MGS)
14B44-04C	MIDWEST GUARDRAIL SYSTEM ENERGY ABSORBING TERMINAL (MGS)
14B45-05A	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B45-05B	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B45-05C	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B45-05D	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B45-05E	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B45-05F	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B45-05G	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B45-05H	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B45-05I	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B45-05J	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B45-05K	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B45-05L	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B53-03A	SHORT RADIUS BEAM GUARD (MGS) SHORT RADIUS TERMINAL (MGS)
14B53-03B	SHORT RADIUS BEAM GUARD (MGS) SHORT RADIUS TERMINAL (MGS)
14B53-03C	SHORT RADIUS BEAM GUARD (MGS) SHORT RADIUS TERMINAL (MGS)
14B53-03D	SHORT RADIUS BEAM GUARD (MGS) SHORT RADIUS TERMINAL (MGS)
14B53-03E	SHORT RADIUS BEAM GUARD (MGS) SHORT RADIUS TERMINAL (MGS)
14B53-03F	SHORT RADIUS BEAM GUARD (MGS) SHORT RADIUS TERMINAL (MGS)
14B53-03G	SHORT RADIUS BEAM GUARD (MGS) SHORT RADIUS TERMINAL (MGS)
14B53-03H	SHORT RADIUS BEAM GUARD (MGS) SHORT RADIUS TERMINAL (MGS)
14B53-03I	SHORT RADIUS BEAM GUARD (MGS) SHORT RADIUS TERMINAL (MGS)
15C02-10F	ADVANCED WIDTH RESTRICTION SIGNING
15C04-05	TRAFFIC CONTROL, ADVANCE WARNING SIGNS 45 M.P.H. OR GREATER TWO-WAY UNDIVIDED ROAD OPEN TO TRAFFIC
15C07-16B	PAVEMENT MARKING WORDS
15C07-16C	PAVEMENT MARKING ARROWS
15C08-24A	PERMANENT LONGITUDINAL PAVEMENT MARKINGS
15C08-24B	TEMPORARY LONGITUDINAL PAVEMENT MARKING
15C08-24C	PAVEMENT MARKING (TURN LANES)
15C08-24D	PAVEMENT MARKING (TURN LANES)
15C11-11B	CHANNELIZING DEVICES DRUMS, CONES, BARRICADES AND VERTICAL PANELS
15C18-09A	MEDIAN ISLAND PAVEMENT MARKINGS
15C18-09B	PAVEMENT MARKINGS, MEDIAN ISLAND NOSE
15C18-09C	MEDIAN PAVEMENT MARKINGS DOUBLE ARROW WARNING SIGN PLACEMENT
15C19-11C	MOVING PAVEMENT MARKING OPERATION MULTI-LANE DIVIDED ROADWAY
15C20-02	YIELD MARKING
15C33-05	STOP LINE AND CROSSWALK PAVEMENT MARKING
15D12-16A	TRAFFIC CONTROL, LANE CLOSURE
15D21-07A	TRAFFIC CONTROL, INTERSECTION WITHIN SINGLE LANE CLOSURE
15D21-07B	TRAFFIC CONTROL, INTERSECTION WITHIN SINGLE LANE CLOSURE
15D27-05	TRAFFIC CONTROL, SHOULDER CLOSURE ON DIVIDED ROADWAY, SPEEDS GREATER THAN 40 MPH
15D30-12A	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-12B	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-12C	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-12D	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-12E	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-12F	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-12G	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-12H	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-12I	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-12J	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-12K	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-12L	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D44-02	TRAFFIC CONTROL, SIGNING ON ROADWAYS WITH MILLED SURFACES

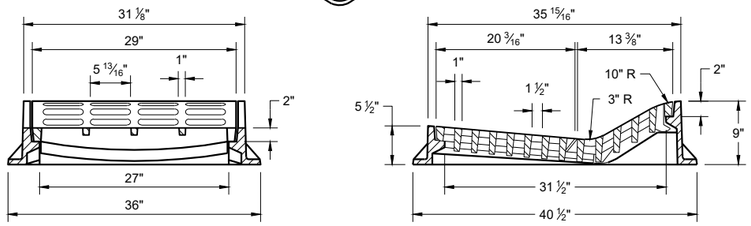
6

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

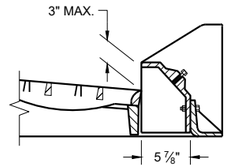
DETAIL DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR INLET COVERS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.





TYPE "F"

USE WITH TYPES "A" AND "D" CONCRETE CURB AND GUTTER, 36"

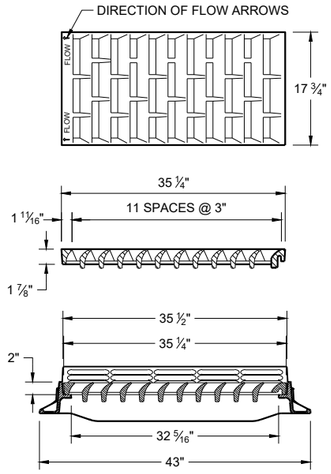


ALTERNATIVE CURB BOX FOR TYPE "HM" COVER

USE WITH TYPES "G" AND "J" CONCRETE CURB AND GUTTER, 30 INCH
NOTED AS TYP "HM-GJ" ON DRAINAGE TABLE

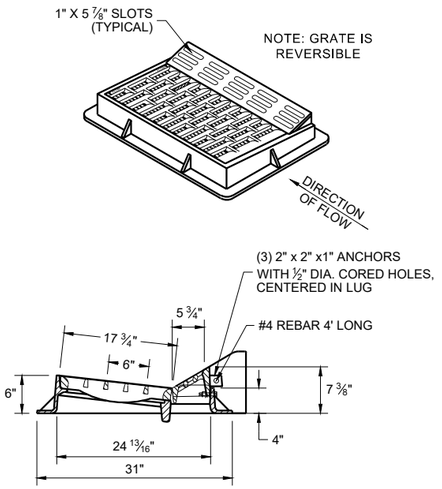
NOTE:
SPECIAL GRATE FOR THE TYPE "H" COVER MAY ALSO BE USED FOR THE TYPE "HM-GJ" COVER.

NOTED AS TYPE HM-GJ-S ON THE DRAINAGE TABLE.



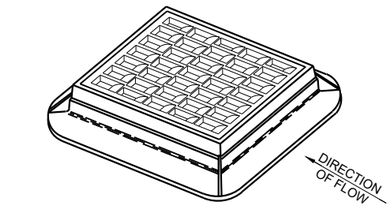
TYPE "HM"

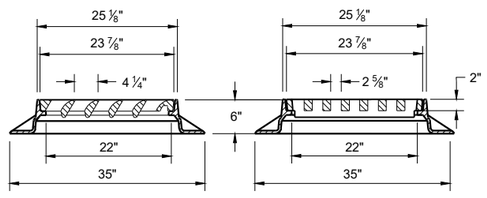
USE WITH TYPES "A" AND "D" CONCRETE CURB AND GUTTER, 36"



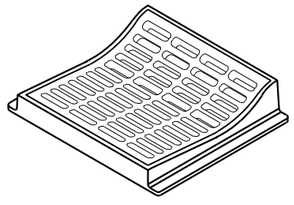
NOTE:
SPECIAL GRATE FOR THE TYPE "H" COVER MAY ALSO BE USED FOR THE TYPE "HM-GJ" COVER.

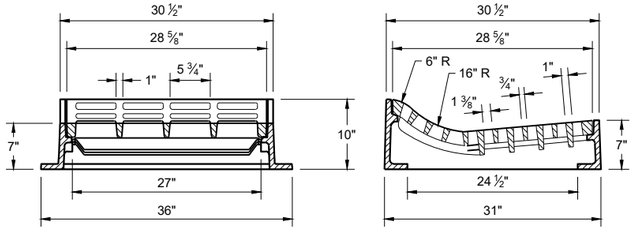
NOTED AS TYPE HM-GJ-S ON THE DRAINAGE TABLE.





TYPE "S"





TYPE "T"

USE WITH TYPES "R" AND "T" CONCRETE CURB AND GUTTER, 36"

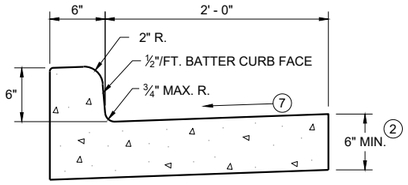
INLET COVERS
TYPES F, HM, HM-S, S, T, HM-GJ AND HM-GJ-S

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

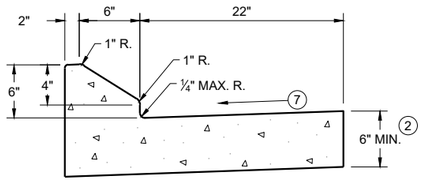
APPROVED
February 2025 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS DEVELOPMENT UNIT SUPERVISOR

FHWA

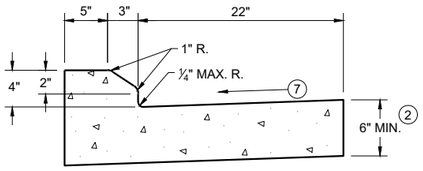
6
SDD 08A05-22c



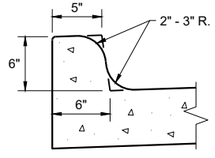
TYPES A (1) & D



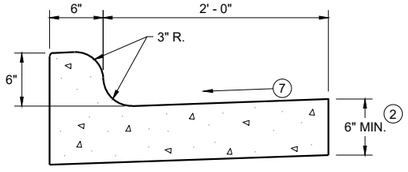
6" SLOPED CURB TYPES G (1) & J



4" SLOPED CURB TYPES G (1) & J

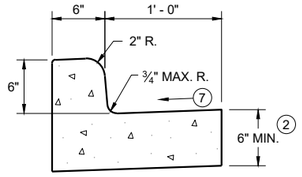


TYPES K (1) & L
(OPTIONAL CURB SHAPE)



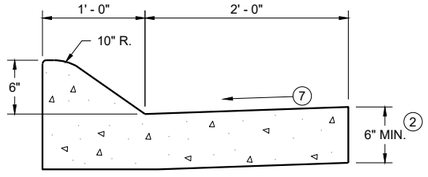
TYPES K (1) & L

CONCRETE CURB AND GUTTER 30"

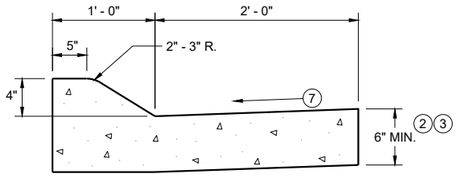


TYPES A (1) & D

CONCRETE CURB AND GUTTER 18"

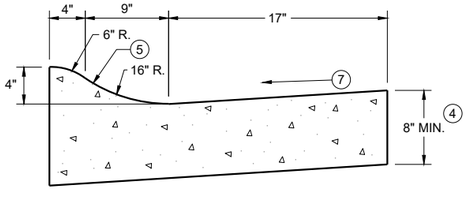


6" SLOPED CURB TYPES A (1) & D



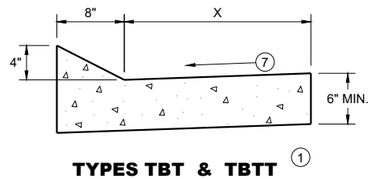
4" SLOPED CURB TYPES A (1) & D

CONCRETE CURB AND GUTTER 36"



4" SLOPED CURB TYPES R (1) & T
CONCRETE CURB AND GUTTER 30"

TBT & TBTT	X
30"	22"
36"	28"

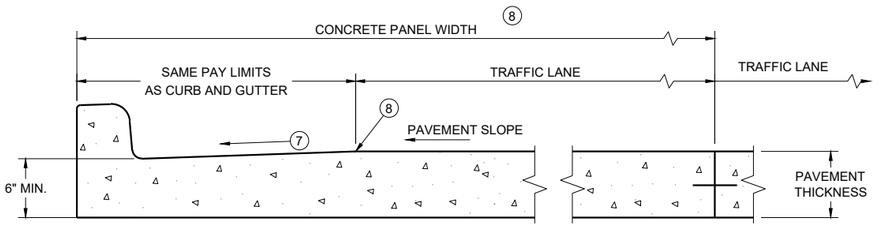


TYPES TBT & TBTT (1)

CONCRETE CURB AND GUTTER

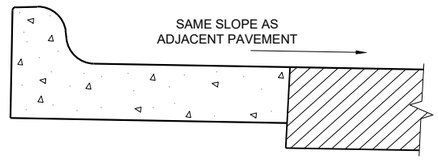
PAVEMENT THICKNESS AND MAXIMUM CONCRETE PANEL WIDTH TABLE

PAVEMENT THICKNESS	MAXIMUM PANEL WIDTH
LESS THAN 10"	12'
10" & ABOVE	15'



PARTIAL SECTION OF PAVEMENT WITH INTEGRAL CURB AND GUTTER *

* BIKE LANE IS NOT SHOWN



REVERSE SLOPE GUTTER (6)
(TYPICAL FOR ALL CURB & GUTTER TYPES)

GENERAL NOTES

DETAILS OF CONSTRUCTION AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

PAVEMENT TIES AND TIE BARS SHALL BE EPOXY COATED IN CONFORMANCE WITH SUBSECTION 505.2.6.2 OF THE STANDARD SPECIFICATIONS.

INTEGRAL CURB AND GUTTER SHALL CONFORM TO THE DETAILS SHOWN FOR CONCRETE CURB AND GUTTER INCLUDING THE TRANSVERSE GUTTER SLOPE.

UNLESS OTHERWISE SHOWN ON THE TYPICAL CROSS SECTIONS, THE BASE AGGREGATE AND COMMON EXCAVATION LIMITS ARE 2' - 0" BEHIND THE BACK OF CURBS.

(1) TIE BARS ARE REQUIRED FOR CURB AND GUTTERS TYPES A, G, K, R, AND TBTT.

(2) THE BOTTOM OF CURB AND GUTTER MAY BE CONSTRUCTED EITHER LEVEL OR PARALLEL TO THE SLOPE OF THE SUBGRADE OR BASE AGGREGATE PROVIDED A 6" MINIMUM GUTTER THICKNESS IS MAINTAINED.

(3) USE 8" MINIMUM GUTTER THICKNESS WHEN USED WITH AN ADJACENT CONCRETE TRUCK APRON PLACED BEHIND BACK OF CURB.

(4) THE BOTTOM OF CURB AND GUTTER MAY BE CONSTRUCTED EITHER LEVEL OR PARALLEL TO THE SLOPE OF THE SUBGRADE OR BASE AGGREGATE PROVIDED A 8" MINIMUM GUTTER THICKNESS IS MAINTAINED.

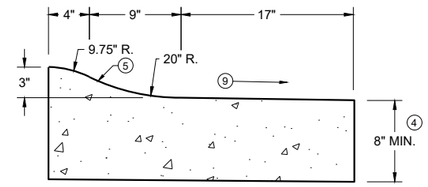
(5) UNLESS OTHERWISE NOTED, FOR STAKING PURPOSES THE FACE OF CURB IS 6" FROM THE BACK OF CURB.

(6) WHEN REVERSE SLOPE GUTTER IS REQUIRED, THE LOCATION(S) WILL BE SHOWN ELSEWHERE IN THE PLAN.

(7) USE 4% GUTTER CROSS SLOPE UNLESS OTHERWISE NOTED IN THE PLANS.

(8) INCLUDE LONGITUDINAL JOINT AND TIE BARS ALONG LANE EDGE WHEN CONCRETE PANEL WIDTH EXCEEDS THE MAXIMUM WIDTH PER TABLE BELOW. LONGITUDINAL JOINT(S) ARE NOT ALLOWED WITHIN TRAFFIC LANES AND BIKE LANES. LONGITUDINAL JOINT MAY BE SAWED.

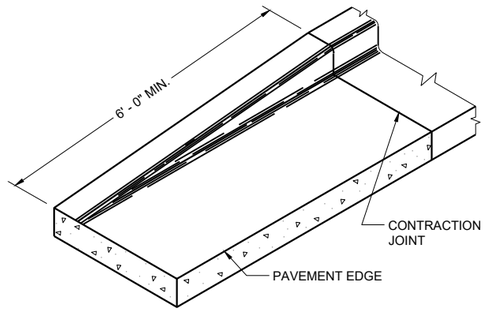
(9) SLOPE TO BE REVERSE SLOPE MATCHING THE SLOPE OF THE PAVEMENT AND THE CIRCULATORY ROADWAY



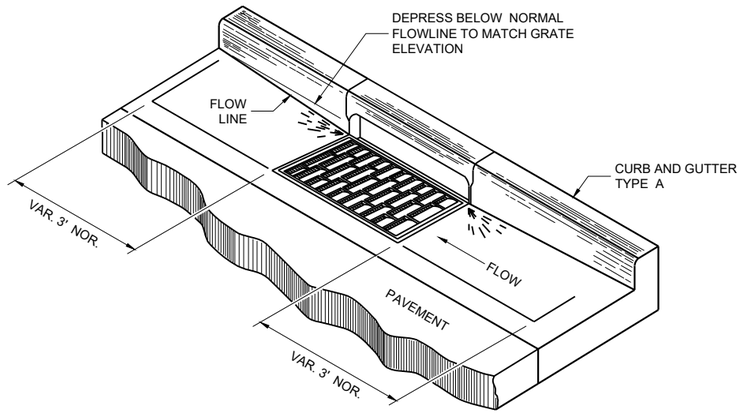
3" SLOPED CURB TYPES R (1) & T

CONCRETE CURB AND GUTTER

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



END SECTION CURB AND GUTTER



DETAIL OF CURB AND GUTTER AT INLETS

(TYPICAL H INLET COVER SHOWN)

GENERAL NOTES

DETAILS OF CONSTRUCTION AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

PAVEMENT TIES AND TIE BARS SHALL BE EPOXY COATED IN CONFORMANCE WITH SUBSECTION 505.2.6.2 OF THE STANDARD SPECIFICATIONS.

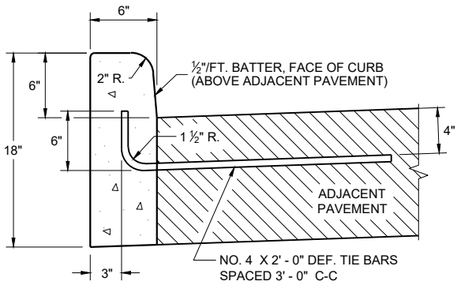
UNLESS OTHERWISE SHOWN ON THE TYPICAL CROSS SECTIONS, THE BASE AGGREGATE AND COMMON EXCAVATION LIMITS ARE 2' - 0" BEHIND THE BACK OF CURBS.

(1) TIE BARS ARE REQUIRED FOR CURB AND GUTTERS TYPES A, G, K, R, AND TBTT.

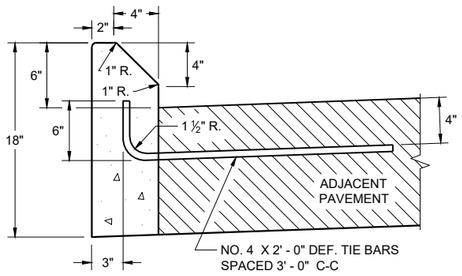
(2) THE BOTTOM OF CURB AND GUTTER MAY BE CONSTRUCTED EITHER LEVEL OR PARALLEL TO THE SLOPE OF THE SUBGRADE OR BASE AGGREGATE PROVIDED A 6" MINIMUM GUTTER THICKNESS IS MAINTAINED.

(10) REFER TO SDD 08D18 AND 08D19 FOR ADDITIONAL DRIVEWAY ENTRANCE CURB DETAILS.

(11) PLACE 1" THICK EXPANSION JOINT MATERIAL BETWEEN VERTICAL FACE CURB TYPES EXTENDING FROM THE TOP OF CURB TO 1 INCH BELOW THE ADJOINING CONCRETE SURFACE. RIGID CONCRETE STRUCTURES INCLUDE RAISED CONCRETE MEDIANS, CONCRETE SAFETY ISLANDS, SPLITTER ISLANDS, OR LOCATIONS IDENTIFIED ON THE PLANS.

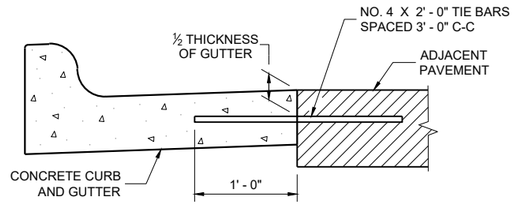


TYPES A (1) & D

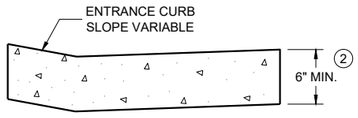


TYPES G (1) & J

CONCRETE CURB

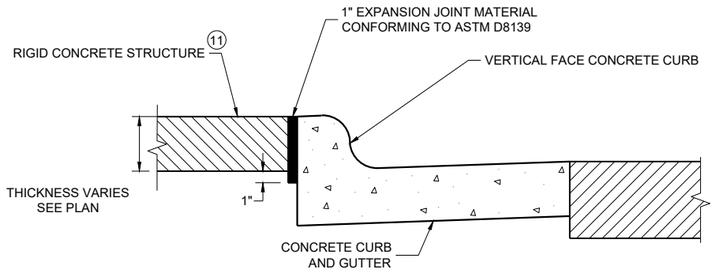


TYPICAL TIE BAR LOCATION (1)

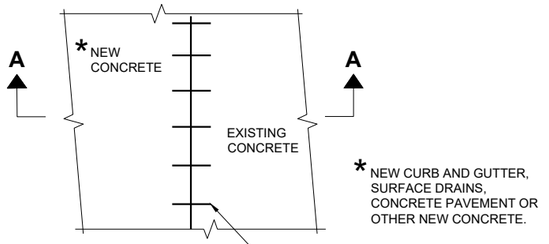


DRIVEWAY ENTRANCE CURB (10)

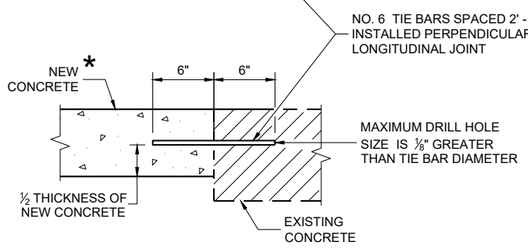
(WHEN DIRECTED BY THE ENGINEER)



EXPANSION JOINT DETAIL FOR VERTICAL CURB ABUTTING A RIGID STRUCTURE (11)



PLAN VIEW



SECTION A - A

TIE BARS DRILLED INTO EXISTING PAVEMENT

CONCRETE CURB, TIES AND CURB AND GUTTER APPLICATIONS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

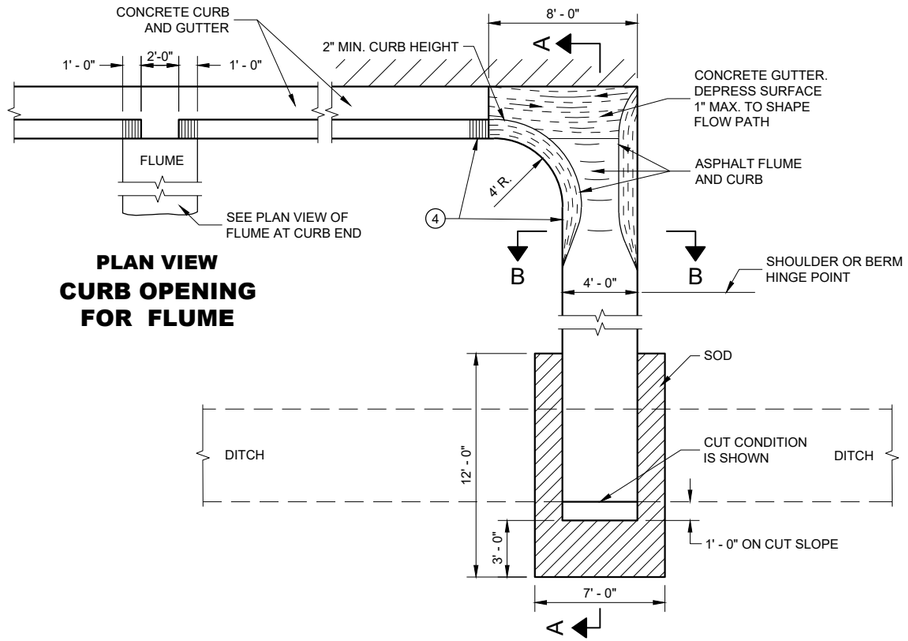
APPROVED
February 2025 — DATE
/S/ Rodnery Taylor — ROADWAY STANDARDS DEVELOPMENT UNIT SUPERVISOR

FHWA

6
SDD 08D01-24b

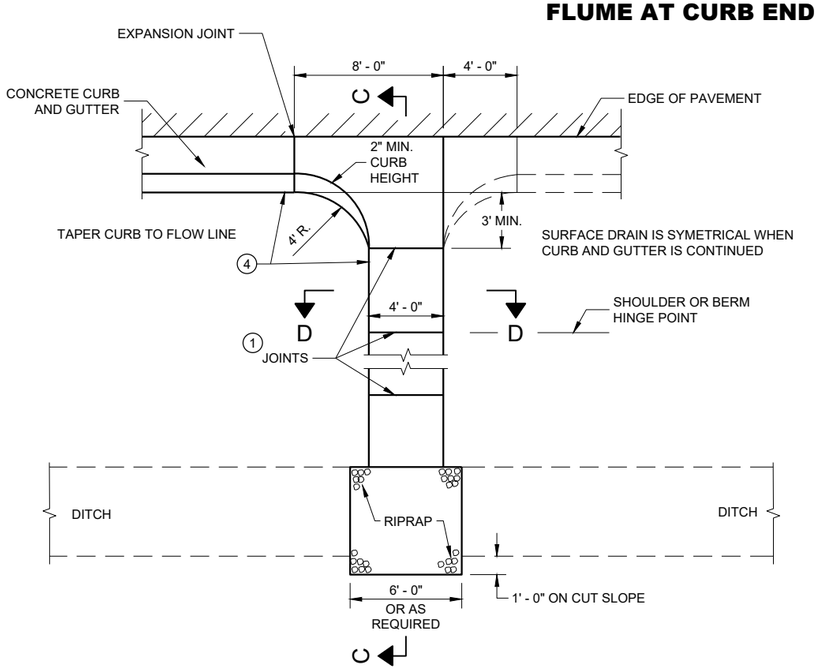
NOTE: TAPER CURB ENDS TO GUTTER IN 1' - 0"

ASPHALTIC FLUME



PLAN VIEW
CURB OPENING FOR FLUME

PLAN VIEW
FLUME AT CURB END



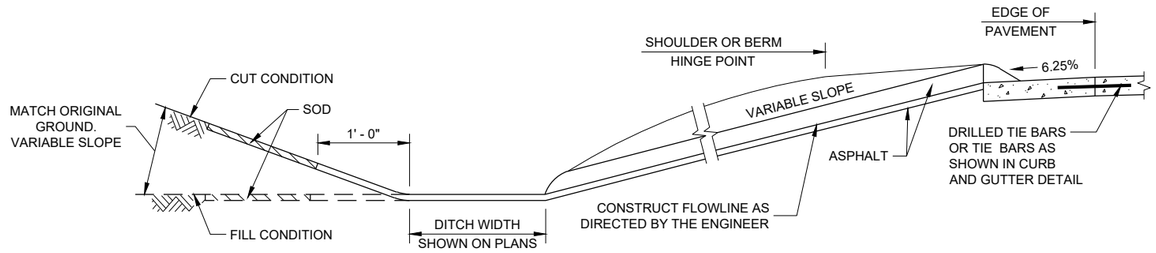
PLAN VIEW
CONCRETE SURFACE DRAIN

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

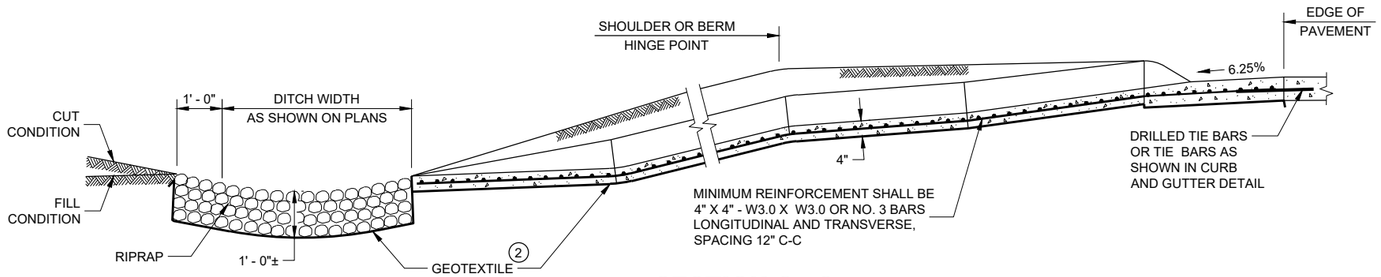
4" X 4" - W3.0 X W3.0 CONCRETE REINFORCEMENT SHALL BE IN ACCORDANCE WITH AASHTO SPECIFICATION M55.

1. JOINTS SHALL BE ⅛" TO ¼" WIDE BY 1½" DEEP AND SPACED AT UNIFORM INTERVALS OF APPROXIMATELY 4 FEET.
2. GEOTEXTILE TYPE "R" SHALL UNDERLAY THE FULL LENGTH AND WIDTH OF THE CONCRETE SURFACE DRAIN AND RIPRAP.
3. CONCRETE SURFACE DRAIN WITHOUT CURB AND GUTTER MAY BE USED ON BACKSLOPES WHEN SPECIFIED.
4. ANGLE OF FLUME IN RELATION TO BACK OF CURB TO BE CONSTRUCTED PER THE PLAN DETAILS OR AS DIRECTED BY THE ENGINEER. ANGLE OF FLUME MAY BE OTHER THAN 90 DEGREES AS SHOWN.

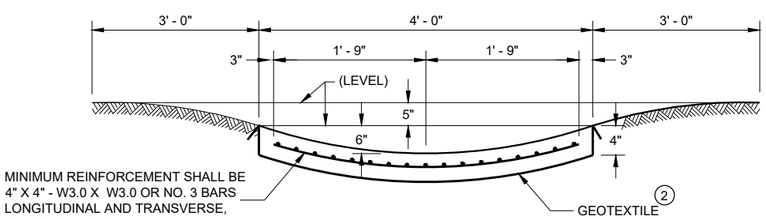


SECTION A - A

SECTION B - B



SECTION C - C



SECTION D - D

CONCRETE SURFACE DRAINS AND ASPHALTIC FLUMES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

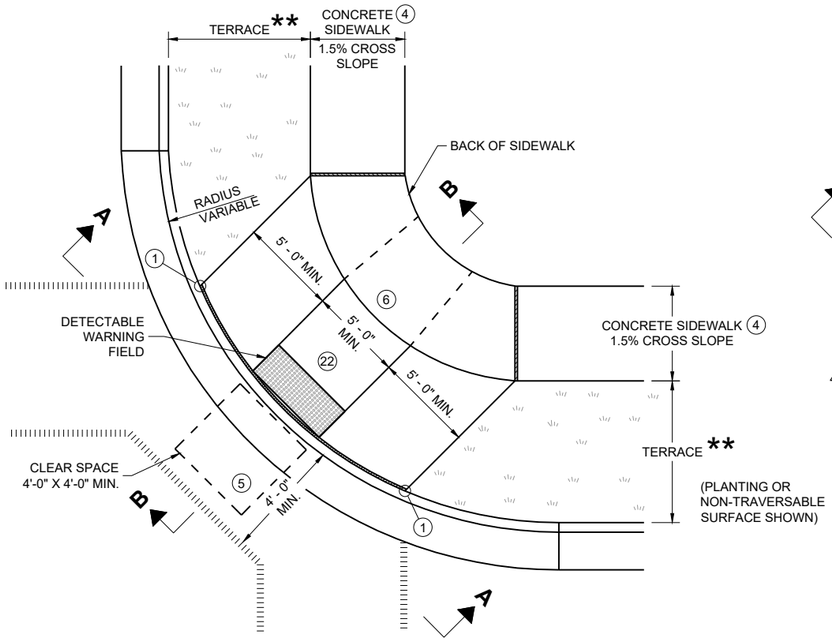
APPROVED
May 2023
DATE

/S/ Rodney Taylor
ROADWAY STANDARDS DEVE ENGINEER

FHWA

6

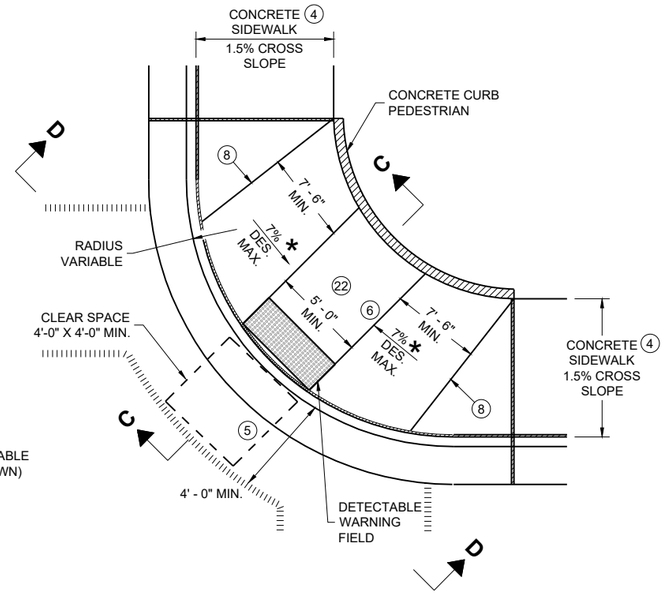
SDD 08D04 - 07



PLAN VIEW

CURB RAMP TYPE 1

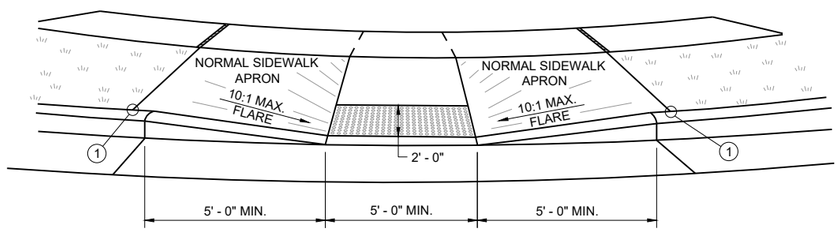
(CENTER OF CORNER RADIUS)



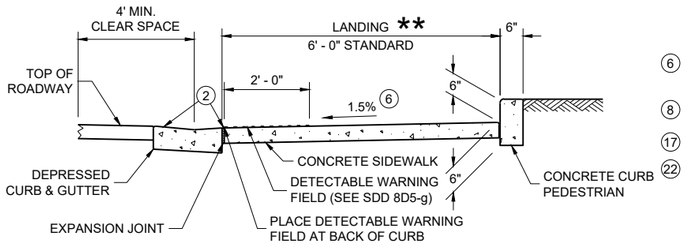
PLAN VIEW

CURB RAMP TYPE 1 - A

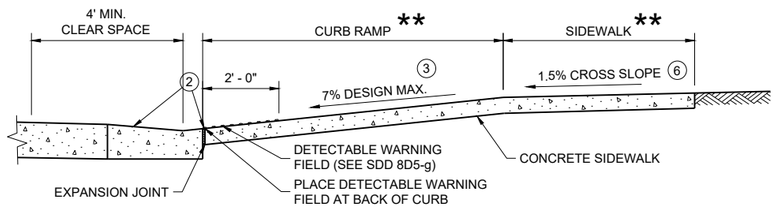
(NO TERRACE)



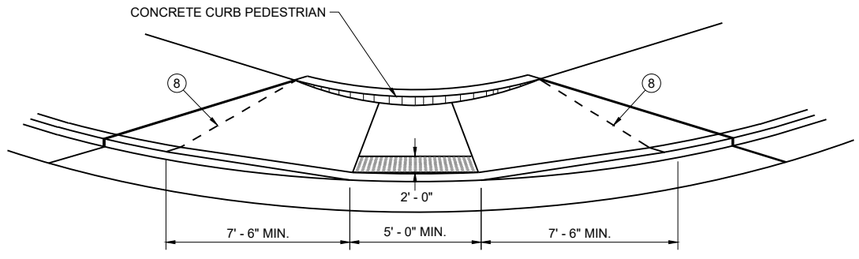
VIEW A - A FOR TYPE 1



SECTION C - C FOR TYPE 1 - A



SECTION B - B FOR TYPE 1



VIEW D - D FOR TYPE 1 - A

GENERAL NOTES

AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF CURB RAMP ACCESS AREAS.

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

WHEN NECESSARY, THE SIDEWALK ELEVATION MAY BE LOWERED TO MEET THE HIGH POINT ON THE CURB RAMP.

TYPE 1 CURB RAMPS SHALL HAVE A NORMAL SIDEWALK APRON AND CURB ON BOTH SIDES OF CURB RAMP.

DETECTABLE WARNING FILED SHALL BE MEASURED AND PAID BY THE SQUARE FOOT AS "CURB RAMP DETECTABLE WARNING FIELD". THE CONCRETE PEDESTRIAN CURB, IF NEEDED, SHALL BE MEASURED AND PAID BY THE LINEAR FOOT AS "CONCRETE CURB PEDESTRIAN". CONCRETE SIDEWALK IN THE CURB RAMP AREA SHALL BE MEASURED AND PAID BY THE SQUARE FOOT AS CONCRETE SIDEWALK, INCLUDING THE AREA UNDER THE DETECTABLE WARNING FIELD.

SELECT CURB RAMP DETECTABLE WARNING FIELD MATERIALS AND DEVICES FROM THE DEPARTMENT'S APPROVED MATERIALS LIST. THE COLOR OF THE DETECTABLE WARNING FIELD IS SPECIFIED ELSEWHERE AND IS INCIDENTAL TO THE BID ITEM OF "CURB RAMP DETECTABLE WARNING FIELD"

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME MANUFACTURER.

SURFACE TEXTURE OF THE RAMP SHALL BE OBTAINED BY COARSE BROOMING TRANSVERSE TO THE SLOPE OF THE CURB RAMP.

(1) THIS POINT IS AN EXTENSION OF OUTSIDE EDGE OF APPROACHING SIDEWALK WHERE IT MEETS THE BACK OF CONCRETE CURB. POINT LOCATION MAY BE ADJUSTED TO ALIGN WITH BEGINNING OF FULL-HEIGHT CURB IF THIS DISTANCE IS SHORT.

(2) GRADE CHANGE BETWEEN GUTTER COUNTER SLOPE AND THE CURB RAMP SLOPE IS DESIRABLY 11% OR LESS AND SHALL NOT EXCEED 13.3%. TYPICAL GUTTER COUNTER SLOPE IS 4% BUT MAY BE MODIFIED TO FIT FIELD CONDITIONS. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5%, DESIRABLY 7% OR LESS, AND SHALL NOT EXCEED A MAXIMUM OF 8.3%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.

(3) MAXIMUM 8.3% CURB RAMP SLOPE IS ALLOWABLE WITH GUTTER COUNTER SLOPE OF 5% MAXIMUM AND A 13.3% MAXIMUM GRADE CHANGE.

(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2.1% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

(5) PROVIDE A CLEAR SPACE IN THE STREET AND GUTTER AREA. WHEN THE GUTTER CROSS SLOPE EXCEEDS 2.1%, CONSTRUCT THE CLEAR SPACE IN THE STREET AREA AND THE 4 FOOT WIDTH IS MEASURED FROM THE FLANGE LINE. FOR RECONSTRUCTION AND MODERNIZATION PROJECTS THE CLEAR SPACE SLOPE PARALLEL TO THE CURBLINE SHOULD BE 2.1% MAX FOR CROSSINGS THAT ARE STOP AND YIELD CONTROLLED, AND 5% MAX FOR THOSE THAT ARE SIGNAL CONTROLLED. FOR PERPETUATION AND REHABILITATION PROJECTS THE SLOPE OF THE CLEAR SPACE PARALLEL TO THE CURBLINE WILL MATCH THE ROADWAY LONGITUDINAL SLOPE. THE SLOPE OF THE CLEAR SPACE PERPENDICULAR TO THE CURBLINE WILL MATCH THE ROADWAY CROSS SLOPE BUT SHOULD NOT EXCEED 5% UNLESS THE ROADWAY IS SUPERELEVATED (WHEN SUPERELEVATED THE ROADWAY CROSS SLOPE SHOULD MATCH THE SUPERELEVATION).

(6) PROVIDE A 5 FOOT BY 5 FOOT LANDING. SLOPE PERPENDICULAR TO CURB SHALL BE 2.1% MAXIMUM. SLOPE PARALLEL TO CURB SHALL MATCH THE CURB AND GUTTER LONGITUDINAL SLOPE.

(8) PROVIDE GRADE BREAK PERPENDICULAR TO DIRECTION OF WHEELCHAIR TRAVEL.

(17) A MAXIMUM 2-INCH CONCRETE BORDER IS PERMITTED ALONG ALL SIDES OF THE DETECTABLE WARNING FIELD SURFACE.

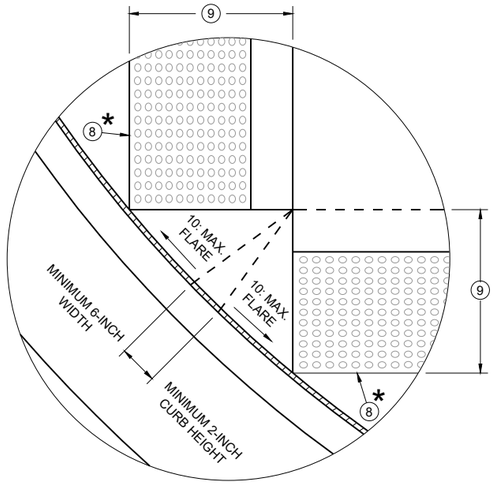
(22) THE ENTIRE RAMP SHALL BE A PLANAR SURFACE. DO NOT WARP THE RUNNING SLOPE OR CROSS SLOPE OF THE RAMP. WARPING OF THE SIDEWALK CROSS SLOPE SHALL TAKE PLACE BETWEEN THE LANDING AND MATCH POINT.

LEGEND

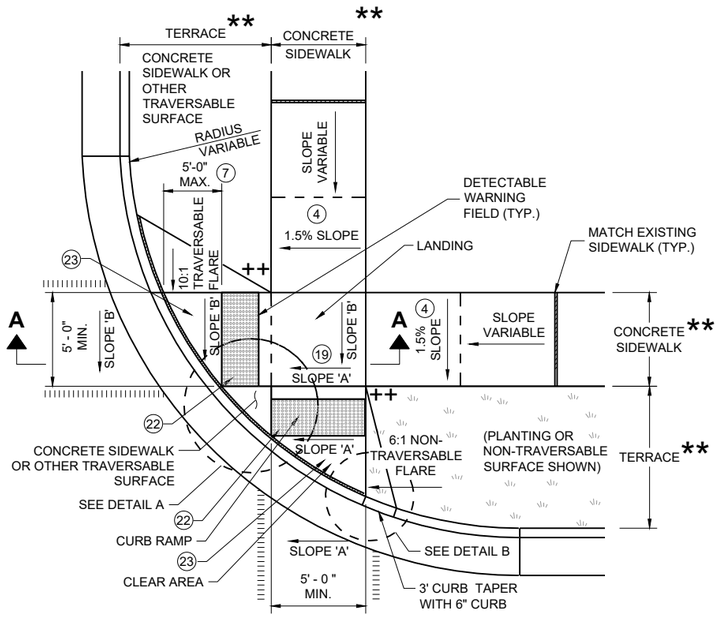
- ½" EXPANSION JOINT SIDEWALK
- CONTRACTION JOINT FIELD LOCATED
- PAVEMENT MARKING CROSSWALK (WHITE)
- * MAXIMUM 8.3%
- ** WIDTH SHOWN ELSEWHERE IN THE PLANS

CURB RAMPS TYPE 1 AND 1-A

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



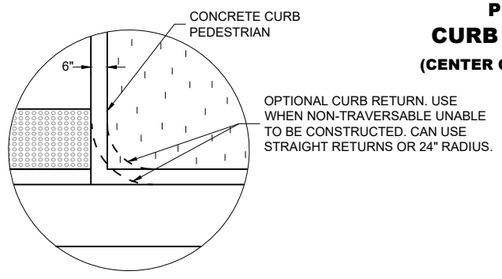
DETAIL A



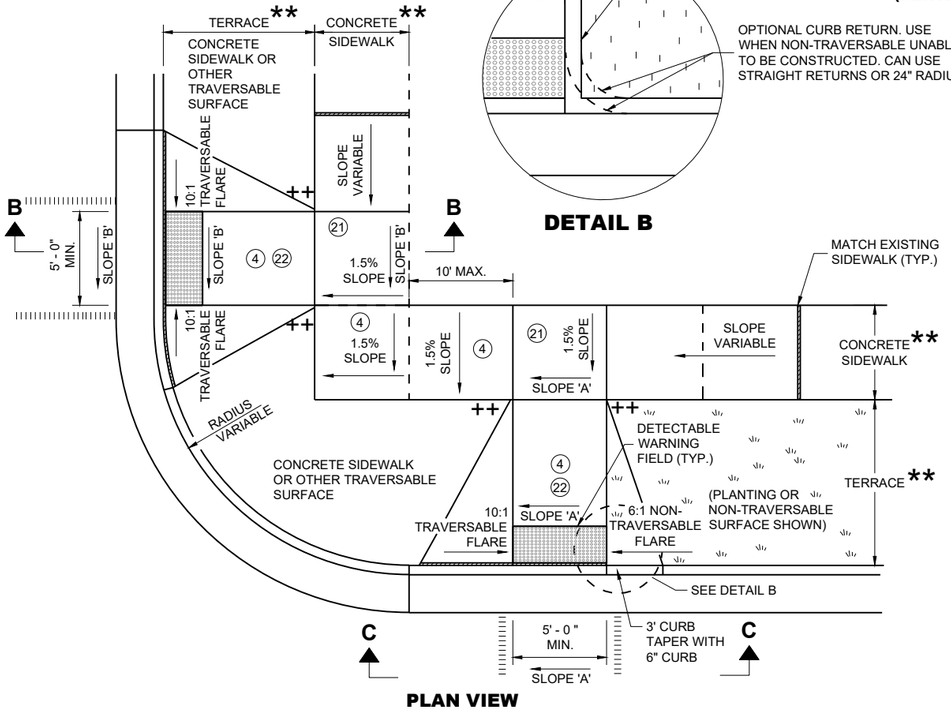
PLAN VIEW

CURB RAMP TYPE 2

(CENTER OF CORNER RADIUS)



DETAIL B



PLAN VIEW

CURB RAMP TYPE 3

(OUTSIDE OF CROSSWALK AREA)

GENERAL NOTES

AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF CURB RAMP ACCESS AREAS.

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE SHALL BE FROM THE SAME MANUFACTURER.

(2) GRADE CHANGE BETWEEN GUTTER COUNTER SLOPE AND THE CURB RAMP SLOPE IS DESIRABLY 11% OR LESS AND SHALL NOT EXCEED 13.3%. TYPICAL GUTTER COUNTER SLOPE IS 4% BUT MAY BE MODIFIED TO FIT FIELD CONDITIONS. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5%, DESIRABLY 7% OR LESS, AND SHALL NOT EXCEED A MAXIMUM OF 8.3%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.

(3) MAXIMUM 8.3% CURB RAMP SLOPE IS ALLOWABLE WITH GUTTER COUNTER SLOPE OF 5% MAXIMUM AND A 13.3% MAXIMUM GRADE CHANGE.

(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2.1% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

(7) WHEN GRADE BREAK DISTANCE EXCEEDS 5 FEET, USE RADIAL DETECTABLE WARNING FIELD PER SDD 8D5-f.

(8) PROVIDE GRADE BREAK PERPENDICULAR TO DIRECTION OF WHEELCHAIR TRAVEL.

(9) WHEN DISTANCE IS LESS THAN 6' - 0", IT MAY BE DIFFICULT TO ACHIEVE A 7% DESIGN MAXIMUM SLOPE OR FLATTER ALONG THE RAMP. REDUCE CURB HEIGHT IN TRIANGLE AREA TO ACHIEVE 7% DESIGN MAXIMUM SLOPE OR FLATTER ON RAMP. CONSTRUCT 2-INCH MINIMUM CURB HEIGHT BETWEEN 10:1 FLARES.

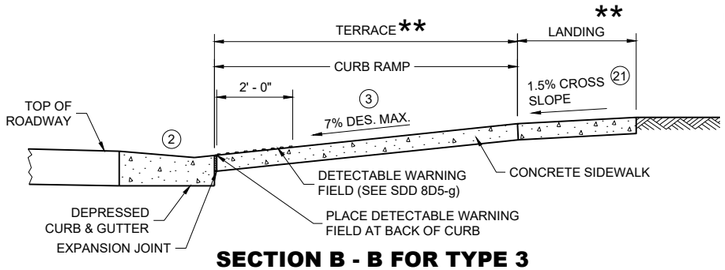
(17) A MAXIMUM 2-INCH CONCRETE BORDER IS PERMITTED ALONG ALL SIDES OF THE DETECTABLE WARNING FIELD SURFACE.

(19) WHERE A LANDING SERVES TWO CURB RAMPS, THE LANDING SLOPE SHALL NOT EXCEED THE CROSS SLOPE AT THE BOTTOM OF THE RAMP OR WITHIN THE CROSSWALK PARALLEL TO THE DIRECTION OF TRAVEL.

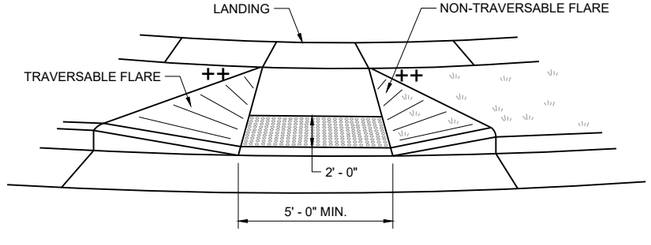
(21) PROVIDE A LANDING WITH A SLOPE PARALLEL TO ROADWAY THAT MATCHES SLOPE AT THE BOTTOM OF THE ADJACENT RAMP. SLOPE PERPENDICULAR TO ROADWAY SHALL BE 2.1% MAXIMUM. STANDARD LANDING SIZE IS 5 FEET BY 5 FEET.

(22) THE ENTIRE RAMP SHALL BE A PLANAR SURFACE. DO NOT WARP THE RUNNING SLOPE OR CROSS SLOPE OF THE RAMP. WARPING OF THE SIDEWALK CROSS SLOPE SHALL TAKE PLACE BETWEEN THE LANDING AND MATCH POINT.

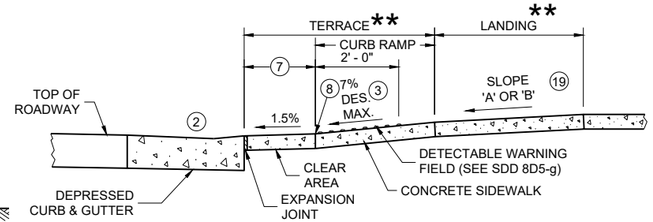
(23) THE CLEAR AREA BETWEEN THE BOTTOM OF RAMP AND BACK OF CURB SHALL BE SLOPED SO THAT WATER DRAINS OUT OF ONE SIDE OR BOTH SIDES OF THE CURB OPENING.



SECTION B - B FOR TYPE 3



VIEW C - C FOR TYPE 3



SECTION A - A FOR TYPE 2

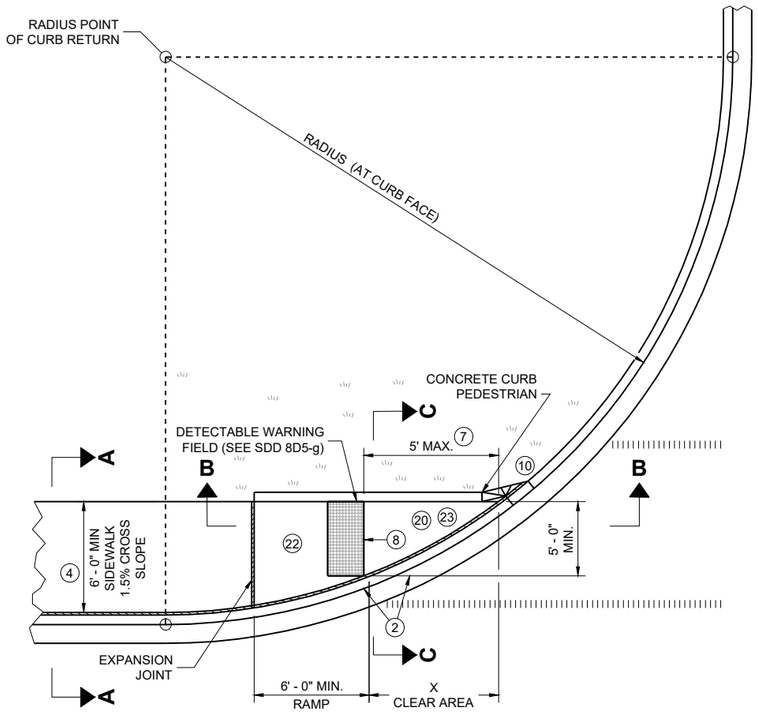
LEGEND

▨	½" EXPANSION JOINT SIDEWALK
– – – –	CONTRACTION JOINT SIDEWALK
ıllıllıllıllıl	PAVEMENT MARKING CROSSWALK (WHITE)
*	MAXIMUM 2.1% SLOPE IN ALL DIRECTIONS IN FRONT OF GRADE BREAK
**	WIDTH SHOWN ELSEWHERE IN THE PLANS
++	CONSTRUCT 6" WEDGE TO AVOID CONCRETE BREAKAGE

CURB RAMPS TYPE 2 AND 3

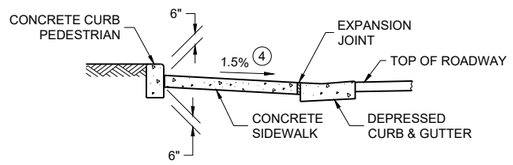
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

SDD 08D05-22b

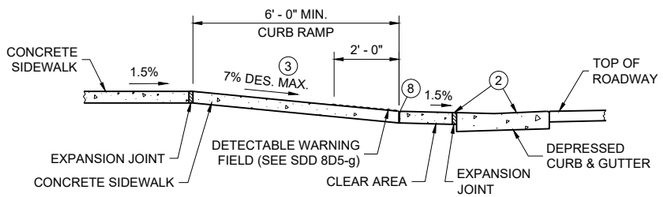


PLAN VIEW

CURB RAMP TYPE 4A



SECTION C - C FOR TYPE 4A



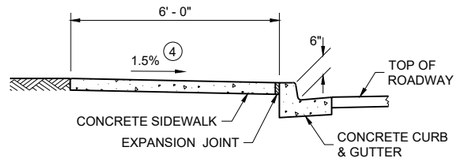
SECTION B - B FOR TYPE 4A AND TYPE 4A1

LEGEND

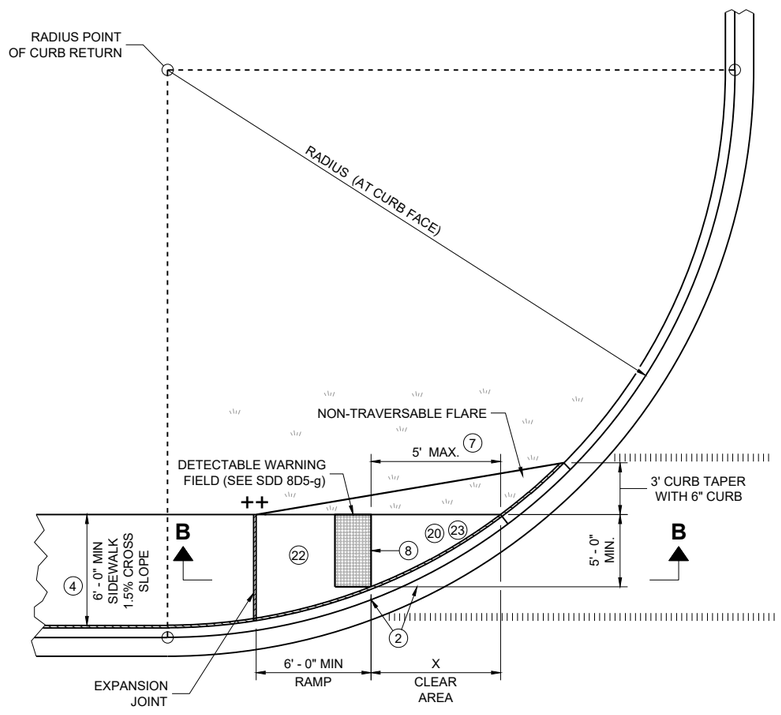
- ½" EXPANSION JOINT SIDEWALK
- CONTRACTION JOINT SIDEWALK
- PAVEMENT MARKING CROSSWALK (WHITE)
- ++ CONSTRUCT 6" WEDGE TO AVOID CONCRETE BREAKAGE

RADIUS (AT CURB FACE)	X
10 FEET	4' - 7"

INTERMEDIATE RADII CAN BE INTERPOLATED



SECTION A - A FOR TYPE 4A



PLAN VIEW

CURB RAMP TYPE 4A1

GENERAL NOTES

AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF CURB RAMP ACCESS AREAS.

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME MANUFACTURER.

(2) GRADE CHANGE BETWEEN GUTTER COUNTER SLOPE AND THE CURB RAMP SLOPE IS DESIRABLY 11% OR LESS AND SHALL NOT EXCEED 13.3%. TYPICAL GUTTER COUNTER SLOPE IS 4% BUT MAY BE MODIFIED TO FIT FIELD CONDITIONS. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5%, DESIRABLY 7% OR LESS, AND SHALL NOT EXCEED A MAXIMUM OF 8.3%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.

(3) MAXIMUM 8.3% CURB RAMP SLOPE IS ALLOWABLE WITH GUTTER COUNTER SLOPE OF 5% MAXIMUM AND A 13.3% MAXIMUM GRADE CHANGE.

(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2.1% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

(7) WHEN THIS GRADE BREAK DISTANCE EXCEEDS 5 FEET, USE RADIAL DETECTABLE WARNING FIELD PER SDD 8D5-f.

(8) PROVIDE GRADE BREAK PERPENDICULAR TO DIRECTION OF WHEELCHAIR TRAVEL.

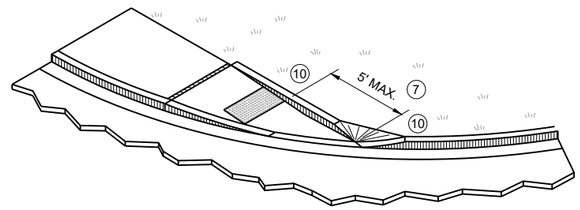
(10) INSTALL TRANSITION NOSE (INCIDENTAL TO OTHER PAY ITEMS). DO NOT MARK TRANSITION NOSE.

(17) A MAXIMUM 2-INCH CONCRETE BORDER IS PERMITTED ALONG ALL SIDES OF THE DETECTABLE WARNING FIELD SURFACE.

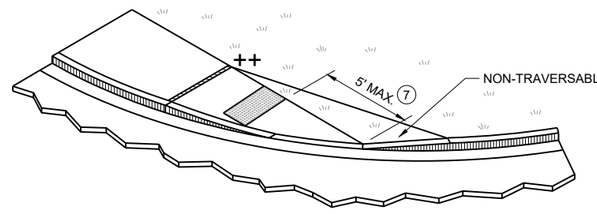
(20) MAXIMUM 1.5% DESIGN MAXIMUM AND 2.1% PROWAG MAXIMUM RUNNING SLOPE ON CLEAR AREA. CROSS SLOPE OF CLEAR AREA SHALL MATCH THE CROSS SLOPE OF THE ADJACENT CROSSWALK.

(22) THE ENTIRE RAMP SHALL BE A PLANAR SURFACE. DO NOT WARP THE RUNNING SLOPE OR CROSS SLOPE OF THE RAMP. WARPING OF THE SIDEWALK CROSS SLOPE SHALL TAKE PLACE BETWEEN THE LANDING AND MATCH POINT.

(23) THE CLEAR AREA BETWEEN THE BOTTOM OF RAMP AND BACK OF CURB SHALL BE SLOPED SO THAT WATER DRAINS OUT OF ONE SIDE OR BOTH SIDES OF THE CURB OPENING.



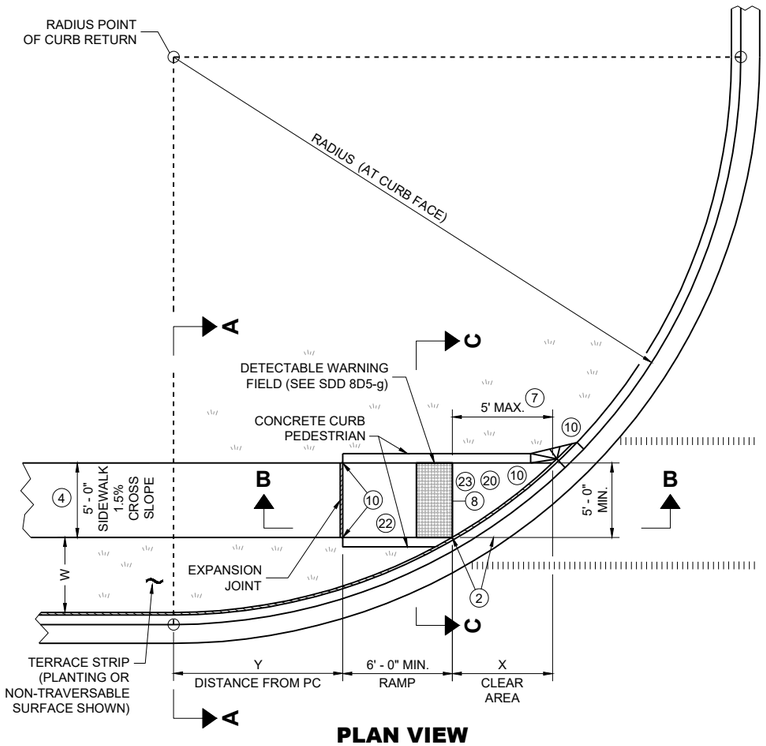
ISOMETRIC VIEW FOR TYPE 4A



ISOMETRIC VIEW FOR TYPE 4A1

CURB RAMPS
TYPE 4A AND 4A1

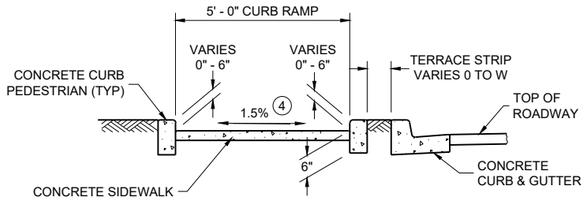
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



PLAN VIEW
CURB RAMP TYPE 4B

RADIUS (AT CURB FACE)	W = 3' - 0"		W = 4' - 0"		W = 5' - 0"		W = 6' - 0"		W = 7' - 0"		W = 8' - 0"		W = 9' - 0"		W = 10' - 0"	
	X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	X	Y
10 FEET	2' - 10 ¼"	0' - 5"	2' - 1"	1' - 4 ½"	1' - 5"	2' - 1"	0' - 10"	2' - 7 ½"	0' - 3 ¼"	3' - 0 ¼"						
15 FEET	4' - 6 ¾"	2' - 1 ¾"	3' - 9"	3' - 5 ¾"	3' - 1 ¼"	4' - 6"	2' - 6 ¾"	5' - 4 ½"	2' - 1"	6' - 1"	1' - 8"	6' - 8 ½"	1' - 3 ¼"	7' - 2 ½"	0' - 10 ¾"	7' - 7 ¼"
20 FEET			4' - 11 ½"	5' - 1 ¾"	4' - 3 ¼"	6' - 5 ½"	3' - 8 ¾"	7' - 7"	3' - 3"	8' - 6 ½"	2' - 10"	9' - 4 ½"	2' - 5 ½"	10' - 1 ¼"	2' - 1 ¼"	10' - 9"
30 FEET									4' - 10 ¾"	12' - 5 ¾"	4' - 5 ½"	13' - 7 ¾"	4' - 0 ¾"	14' - 8 ½"	3' - 8 ½"	15' - 8 ¼"
40 FEET															4' - 10 ¾"	19' - 8 ¼"

INTERMEDIATE RADII CAN BE INTERPOLATED
DIMENSION "Y" IS CALCULATED BASED ON 6'-0" RAMP LENGTH
DIMENSION "X" IS CALCULATED BASED ON 5'-0" SIDEWALK WIDTH



SECTION C - C FOR TYPE 4B

LEGEND

- ½" EXPANSION JOINT SIDEWALK
- CONTRACTION JOINT SIDEWALK
- PAVEMENT MARKING CROSSWALK (WHITE)
- * MAXIMUM 2.1% SLOPE IN ALL DIRECTIONS IF FRONT OF GRADE BREAK
- ++ CONSTRUCT 6" WEDGE TO AVOID CONCRETE BREAKAGE

GENERAL NOTES

AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF CURB RAMP ACCESS AREAS.

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME MANUFACTURER.

(2) GRADE CHANGE BETWEEN GUTTER COUNTER SLOPE AND THE CURB RAMP SLOPE IS DESIRABLY 11% OR LESS AND SHALL NOT EXCEED 13.3%. TYPICAL GUTTER COUNTER SLOPE IS 4% BUT MAY BE MODIFIED TO FIT FIELD CONDITIONS. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5%, DESIRABLY 7% OR LESS, AND SHALL NOT EXCEED A MAXIMUM OF 8.3%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.

(3) MAXIMUM 8.3% CURB RAMP SLOPE IS ALLOWABLE WITH GUTTER COUNTER SLOPE OF 5% MAXIMUM AND A 13.3% MAXIMUM GRADE CHANGE.

(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2.1% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

(7) WHEN THIS GRADE BREAK DISTANCE EXCEEDS 5 FEET, USE RADIAL DETECTABLE WARNING FIELD PER SDD 8D5-f.

(8) PROVIDE GRADE BREAK PERPENDICULAR TO DIRECTION OF WHEELCHAIR TRAVEL.

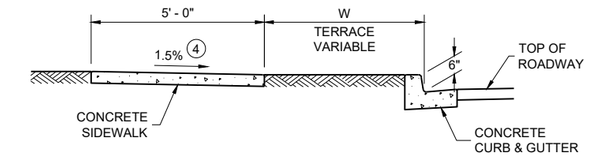
(10) INSTALL TRANSITION NOSE (INCIDENTAL TO OTHER PAY ITEMS). DO NOT MARK TRANSITION NOSE.

(17) A MAXIMUM 2-INCH CONCRETE BORDER IS PERMITTED ALONG ALL SIDES OF THE DETECTABLE WARNING FIELD SURFACE.

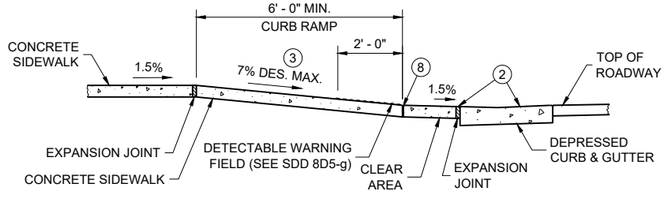
(20) MAXIMUM 1.5% DESIGN MAXIMUM AND 2.1% PROWAG MAXIMUM RUNNING SLOPE ON CLEAR AREA. CROSS SLOPE OF CLEAR AREA SHALL MATCH THE CROSS SLOPE OF THE ADJACENT CROSSWALK.

(22) THE ENTIRE RAMP SHALL BE A PLANAR SURFACE. DO NOT WARP THE RUNNING SLOPE OR CROSS SLOPE OF THE RAMP. WARPING OF THE SIDEWALK CROSS SLOPE SHALL TAKE PLACE BETWEEN THE LANDING AND MATCH POINT.

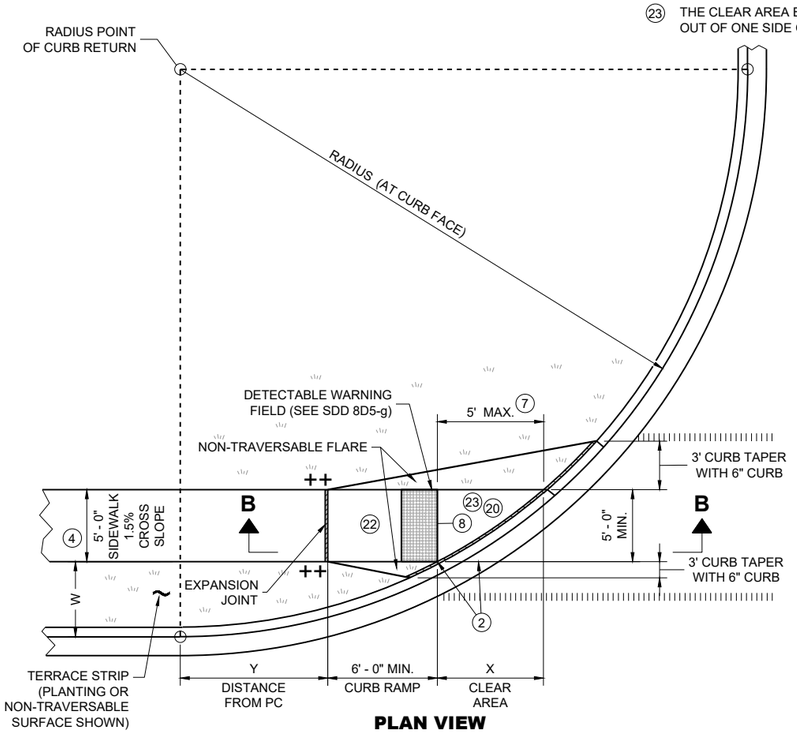
(23) THE CLEAR AREA BETWEEN THE BOTTOM OF RAMP AND BACK OF CURB SHALL BE SLOPED SO THAT WATER DRAINS OUT OF ONE SIDE OR BOTH SIDES OF THE CURB OPENING.



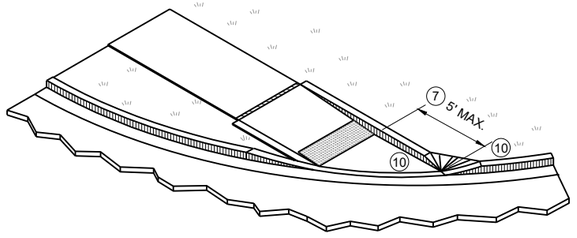
SECTION A - A FOR TYPE 4B



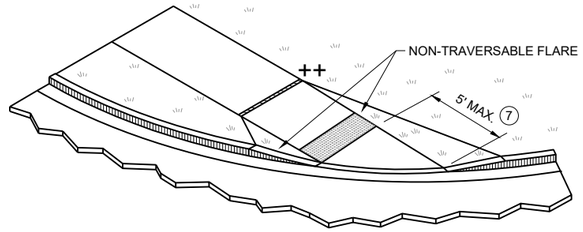
SECTION B - B FOR TYPE 4B AND TYPE 4B1



PLAN VIEW
CURB RAMP TYPE 4B1



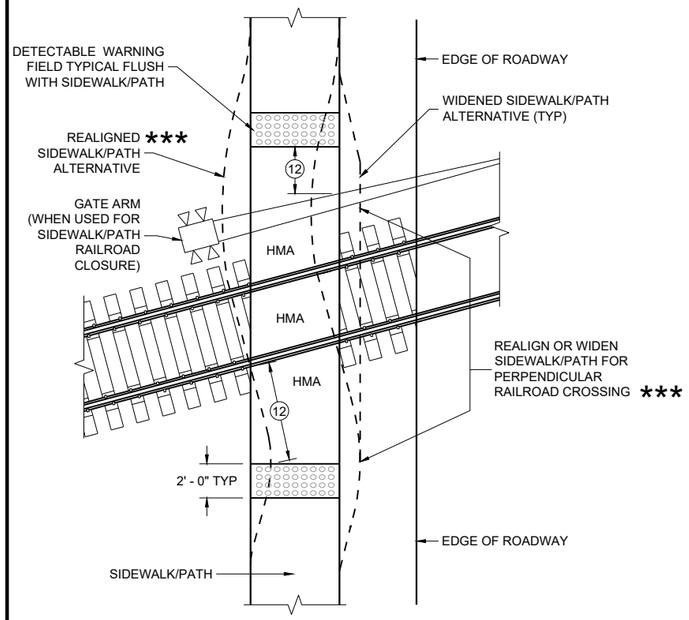
ISOMETRIC VIEW FOR TYPE 4B



ISOMETRIC VIEW FOR TYPE 4B1

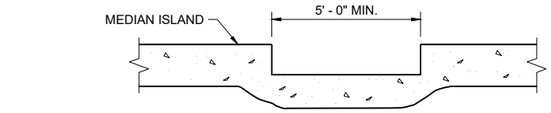
CURB RAMPS
TYPE 4B AND 4B1

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

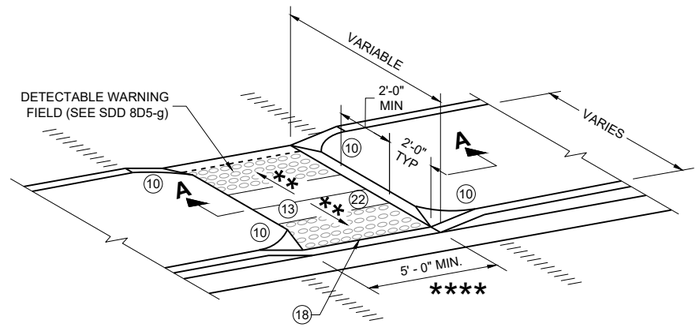


CURB RAMP TYPE 8

DETECTABLE WARNINGS FOR SIDEWALKS OR SHARED USE PATHS AT RAILROAD CROSSINGS



SECTION A - A FOR TYPE 5



CURB RAMP TYPE 5

MEDIAN ISLAND NON-ELEVATED PEDESTRIAN CROSSING

GENERAL NOTES

AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF CURB RAMP ACCESS AREAS.

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2.1%.

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME MANUFACTURER.

(2) GRADE CHANGE BETWEEN GUTTER COUNTER SLOPE AND THE CURB RAMP SLOPE IS DESIRABLY 11% OR LESS AND SHALL NOT EXCEED 13.3%. TYPICAL GUTTER COUNTER SLOPE IS 4% BUT MAY BE MODIFIED TO FIT FIELD CONDITIONS. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5%, DESIRABLY 7% OR LESS, AND SHALL NOT EXCEED A MAXIMUM OF 8.3%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.

(3) MAXIMUM 8.3% CURB RAMP SLOPE IS ALLOWABLE WITH GUTTER COUNTER SLOPE OF 5% MAXIMUM AND A 13.3% MAXIMUM GRADE CHANGE.

(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2.1% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

(6) PROVIDE A 5 FOOT BY 5 FOOT LANDING. SLOPE PERPENDICULAR TO CURB SHALL BE 2.1% MAXIMUM. SLOPE PARALLEL TO CURB SHALL MATCH THE CURB AND GUTTER LONGITUDINAL SLOPE.

(10) INSTALL TRANSITION NOSE (INCIDENTAL TO OTHER PAY ITEMS). DO NOT MARK TRANSITION NOSE.

(11) SLOPE SIDEWALK TOWARD LANDING AS SHOWN WHERE THERE IS NO TERRACE OR WHERE THE TERRACE WIDTH IS LESS THAN 6 FEET WIDE.

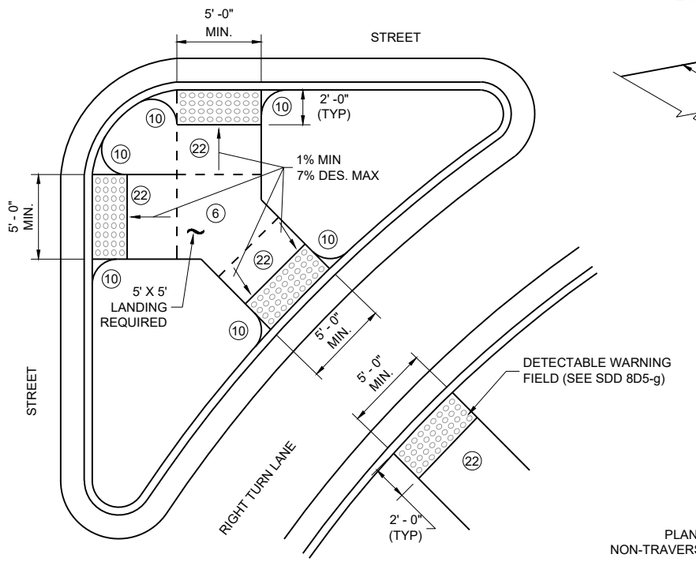
(12) THE EDGE OF THE DETECTABLE WARNING FIELD NEAREST TO A RAILROAD CROSSING SHALL BE 1.5 FEET ±0.1' FROM THE FACE OF THE GATE ARM IF THE GATE ARM EXTENDS ACROSS THE SIDEWALK/PATH, WHERE THERE IS NO PEDESTRIAN GATE, THE EDGE OF THE DETECTABLE WARNING FIELD NEAREST TO THE RAILROAD TRACK IS 15 FEET MAXIMUM AND 12 FEET MINIMUM, 15 FEET TYPICAL FROM THE NEAREST RAIL.

(13) DO NOT INSTALL DETECTABLE WARNING FIELDS AT THE EDGES OF STEET-LEVEL PEDESTRIAN REFUGE ISLANDS IF A MINIMUM 2 FOOT CONCRETE SURFACE WITHOUT DETECTABLE WARNINGS (MEASURED IN THE DIRECTION OF PEDESTRIAN TRAVEL) CANNOT BE ACHIEVED.

(17) A MAXIMUM 2-INCH CONCRETE BORDER IS PERMITTED ALONG ALL SIDES OF THE DETECTABLE WARNING FIELD SURFACE.

(18) WHEN THE DISTANCE BETWEEN THE BACK OF CURBS IS LESS THAN 6 FEET BUT THE FACE OF CURB TO FACE OF CURB DISTANCE IS 6 FEET OR GREATER THEN THE DETECTABLE WARNING FIELDS MAY BE MOVED SO THAT THE EDGE OF THE WARNING FIELD IS PLACED AT THE GUTTER FLOWLINE. MAINTAIN A MINIMUM OF TWO FEET BETWEEN DETECTABLE WARNING FIELD PANELS.

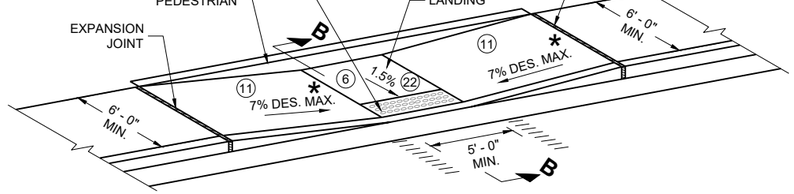
(22) THE ENTIRE RAMP SHALL BE A PLANAR SURFACE. DO NOT WARP THE RUNNING SLOPE OR CROSS SLOPE OF THE RAMP. WARPING OF THE SIDEWALK CROSS SLOPE SHALL TAKE PLACE BETWEEN THE LANDING AND MATCH POINT.



CURB RAMP TYPE 6

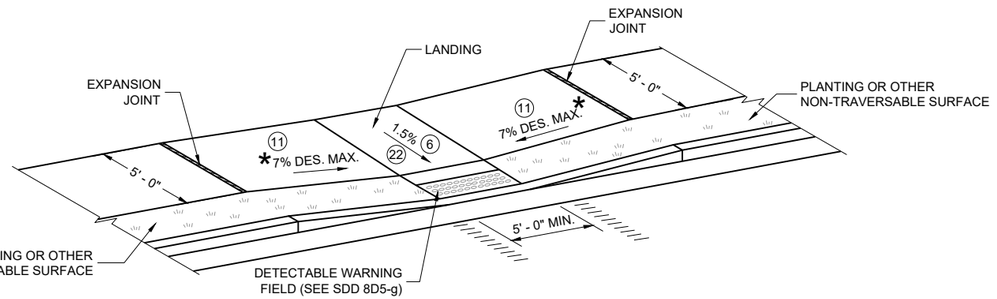
DETECTABLE WARNING AT ISLANDS

REFER TO GENERAL NOTES (2) AND (3) FOR ALL ISLAND CURB RAMPS



CURB RAMP TYPE 7A

FOR INTERSECTIONS AND MID BLOCK CROSSINGS

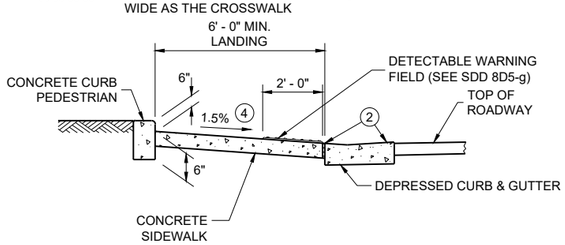


CURB RAMP TYPE 7B

FOR INTERSECTIONS AND MID BLOCK CROSSINGS

LEGEND

═══	½" EXPANSION JOINT SIDEWALK
– – – –	CONTRACTION JOINT FIELD LOCATED
ıı ıı ıı ıı	PAVEMENT MARKING CROSSWALK (WHITE)
*	MAXIMUM 8.3%
**	1% MINIMUM (PROVIDE DRAINAGE)
***	DETAILS TO BE DETERMINED BY ENGINEER
****	FOR SHARED USE PATHS, WIDTH MUST BE AS WIDE AS THE CROSSWALK

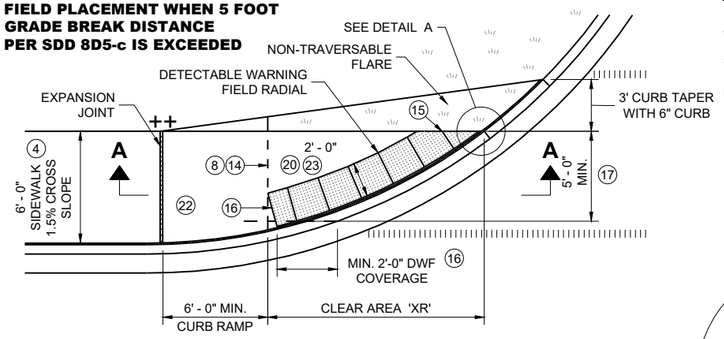


SECTION B - B FOR TYPE 7A

CURB RAMPS
TYPE 5, 6, 7A, 7B & 8

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

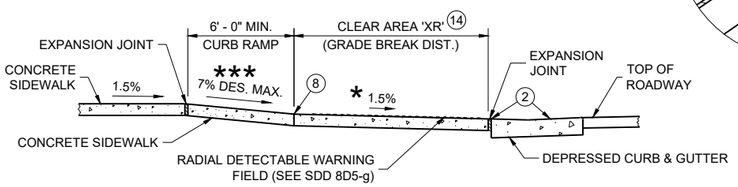
RADIAL DETECTABLE WARNING FIELD PLACEMENT WHEN 5 FOOT GRADE BREAK DISTANCE PER SDD 8D5-c IS EXCEEDED



PLAN VIEW

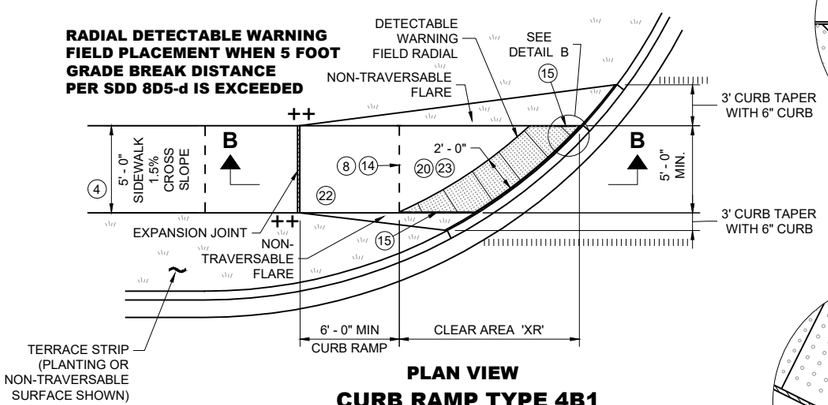
CURB RAMP TYPE 4A1

(GRADE BREAK DISTANCE GREATER THAN 5 FEET)



SECTION A - A FOR TYPE 4A1

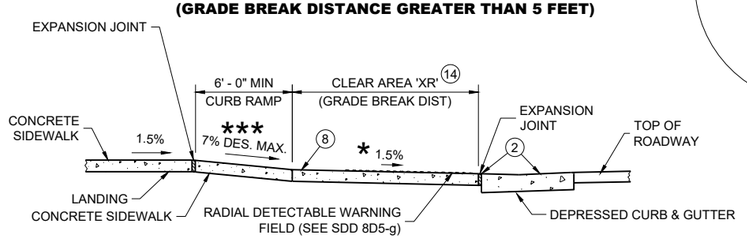
RADIAL DETECTABLE WARNING FIELD PLACEMENT WHEN 5 FOOT GRADE BREAK DISTANCE PER SDD 8D5-d IS EXCEEDED



PLAN VIEW

CURB RAMP TYPE 4B1

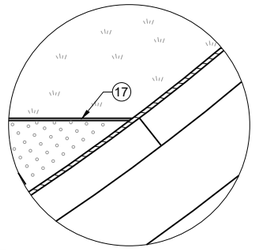
(GRADE BREAK DISTANCE GREATER THAN 5 FEET)



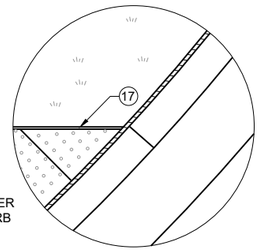
SECTION B - B FOR TYPE 4B1

LEGEND

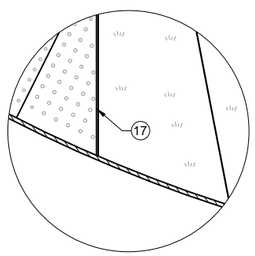
═══	½" EXPANSION JOINT SIDEWALK
– – – –	CONTRACTION JOINT SIDEWALK
ıı ıı ıı ıı	PAVEMENT MARKING CROSSWALK (WHITE)
**	WIDTH SHOWN ELSEWHERE IN THE PLANS
***	MAXIMUM 8.3%
++	CONSTRUCT 6" WEDGE TO AVOID CONCRETE BREAKAGE



DETAIL A



DETAIL B



DETAIL C

GENERAL NOTES

AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF CURB RAMP ACCESS AREAS.

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME MANUFACTURER.

APPLY RADIAL DETECTABLE WARNING PLACEMENT SIMILARLY FOR TYPE 4A AND 4A1 CURB RAMPS AND SIMILARLY FOR TYPE 4B AND 4B1 CURB RAMPS. TYPE 4A AND 4B CURB RAMPS ARE NOT SHOWN.

REFER TO SDD 8D5-g FOR ADDITIONAL RADIAL PLATE REQUIREMENTS.

FIELD CUTS AT INTERMEDIATE JOINTS WITHIN THE RADIAL DETECTABLE WARNING FILED ARE PROHIBITED.

DETERMINE FINAL RADIAL WARNING FIELD CONFIGURATION AD ITS INDIVIDUAL PLATE LOCATIONS. PERFORM PRE-LAYOUT PRIOR TO PLACEMENT IN PLASTIC CONCRETE. FOLLOW MANUFACTURER'S PRODUCT LIST AND INSTALLATION RECOMMENDATIONS.

(2) GRADE CHANGE BETWEEN GUTTER COUNTER SLOPE AND THE CURB RAMP SLOPE IS DESIRABLY 11% OR LESS AND SHALL NOT EXCEED 13.3%. TYPICAL GUTTER COUNTER SLOPE IS 4% BUT MAY BE MODIFIED TO FIT FIELD CONDITIONS. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5%, DESIRABLY 7% OR LESS, AND SHALL NOT EXCEED A MAXIMUM OF 8.3%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.

(3) MAXIMUM 8.3% CURB RAMP SLOPE IS ALLOWABLE WITH GUTTER COUNTER SLOPE OF 5% MAXIMUM AND A 13.3% MAXIMUM GRADE CHANGE.

(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2.1% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

(6) PROVIDE A 5 FOOT BY 5 FOOT LANDING. SLOPE PERPENDICULAR TO CURB SHALL BE 2.1% MAXIMUM. SLOPE PARALLEL TO CURB SHALL MATCH THE CURB AND GUTTER LONGITUDINAL SLOPE.

(8) PROVIDE GRADE BREAK PERPENDICULAR TO DIRECTION OF WHEELCHAIR TRAVEL.

(14) CONSULT ENGINEER IF GRADE BREAK LOCATION (END OF LANDING DIMENSION "XR") REQUIRES FIELD ADJUSTMENT WHEN ESTABLISHING FINAL RADIAL DETECTABLE WARNING FIELD LOCATION.

(15) FIELD SAW CUTS ALONG RADIAL DETECTABLE WARNING PLATES WILL BE NECESSARY TO MATCH EACH CURB RAMP EDGE. AVOID CUTTING THROUGH DOMES WHENEVER POSSIBLE. MAKE FIELD CUTS TRUE TO LINE AND WITHIN ⅛" DEVIATION. SMOOTH EDGES OF FIELD CUT PLATES.

(16) USE 1' X 2" RECTANGULAR END PLATE AT END OF TYPE 4A1 RAMP AND PROVIDE MINIMUM 2' - 0" DETECTABLE WARNING FIELD COVERAGE (IN DIRECTION OF PEDESTRIAN TRAVEL) ALONG THE ENTIRE CURB RAMP WIDTH.

(17) A MAXIMUM 2-INCH CONCRETE BORDER IS PERMITTED ALONG ALL SIDES OF THE DETECTABLE WARNING FIELD SURFACE.

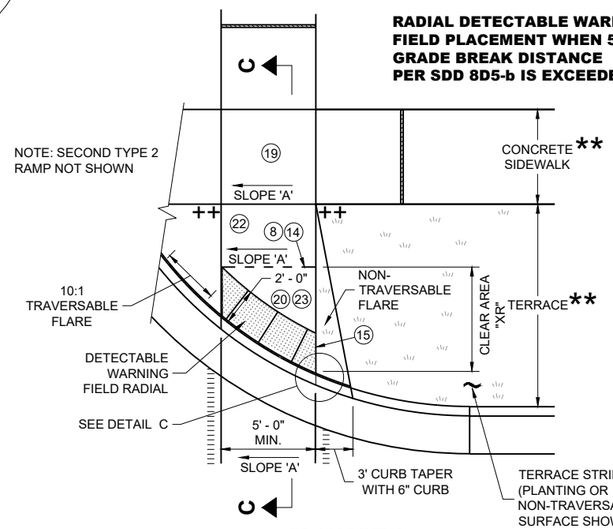
(19) WHERE A LANDING SERVES TWO CURB RAMPS, THE LANDING SLOPE SHALL NOT EXCEED THE CROSS SLOPE AT THE BOTTOM OF THE RAMP OR WITHIN THE CROSSWALK PARALLEL TO THE DIRECTION OF TRAVEL.

(20) MAXIMUM 1.5% DESIGN MAXIMUM AND 2.1% PROWAG MAXIMUM RUNNING SLOPE ON CLEAR AREA. CROSS SLOPE OF CLEAR AREA SHALL MATCH THE CROSS SLOPE OF THE ADJACENT CROSSWALK.

(22) THE ENTIRE RAMP SHALL BE A PLANAR SURFACE. DO NOT WARP THE RUNNING SLOPE OR CROSS SLOPE OF THE RAMP. WARPING OF THE SIDEWALK CROSS SLOPE SHALL TAKE PLACE BETWEEN THE LANDING AND MATCH POINT.

(23) THE CLEAR AREA BETWEEN THE BOTTOM OF RAMP AND BACK OF CURB SHALL BE SLOPED SO THAT WATER DRAINS OUT OF ONE SIDE OR BOTH SIDES OF THE CURB OPENING.

RADIAL DETECTABLE WARNING FIELD PLACEMENT WHEN 5 FOOT GRADE BREAK DISTANCE PER SDD 8D5-b IS EXCEEDED

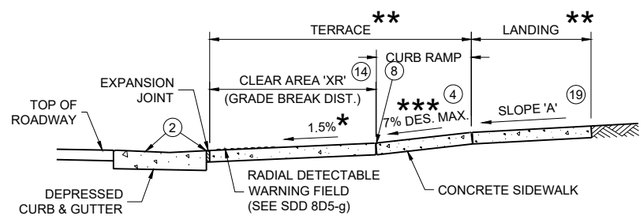


PLAN VIEW

CURB RAMP TYPE 2

(GRADE BREAK DISTANCE GREATER THAN 5 FEET)

(ON LINE WITH SIDEWALK)



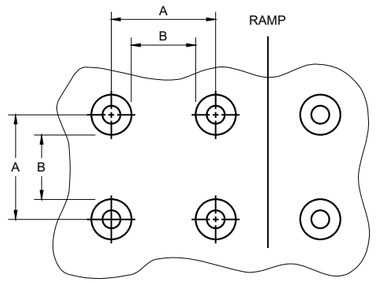
SECTION C - C FOR TYPE 2

CURB RAMPS RADIAL DETECTABLE WARNING

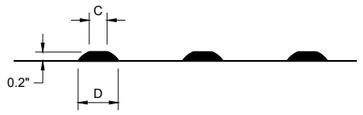
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

	MIN.	MAX.
A	1.6"	2.4"
B	0.65"	1.5"
C	*	*
D	0.9"	1.4"

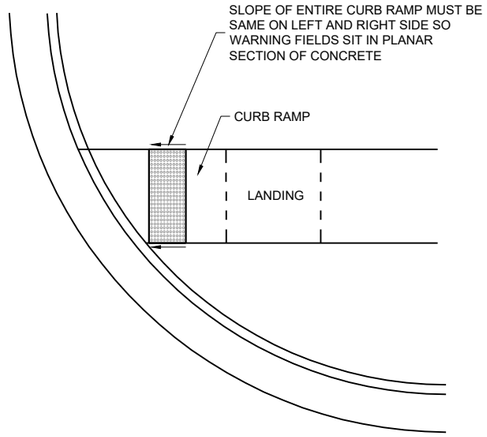
* THE C DIMENSION IS 50% TO 65% OF THE D DIMENSION.



PLAN VIEW



ELEVATION VIEW



DETECTABLE WARNING FIELD
PLANAR INSTALLATION

GENERAL NOTES

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AT A CURB RAMP SHALL BE FROM THE SAME MANUFACTURER.

PLACE ALL DETECTABLE WARNING FIELD SYSTEMS IN ACCORDANCE TO THE MANUFACTURER'S RECOMMENDATION.

FIELD CUTS AT INTERMEDIATE JOINTS WITHIN THE RADIAL DETECTABLE WARNING FILED ARE PROHIBITED.

DETERMINE FINAL RADIAL WARNING FIELD CONFIGURATION AND ITS INDIVIDUAL PLATE LOCATIONS. PERFORM PRE-LAYOUT PRIOR TO PLACEMENT IN PLASTIC CONCRETE. FOLLOW MANUFACTURER'S PRODUCT LIST AND INSTALLATION RECOMMENDATIONS.

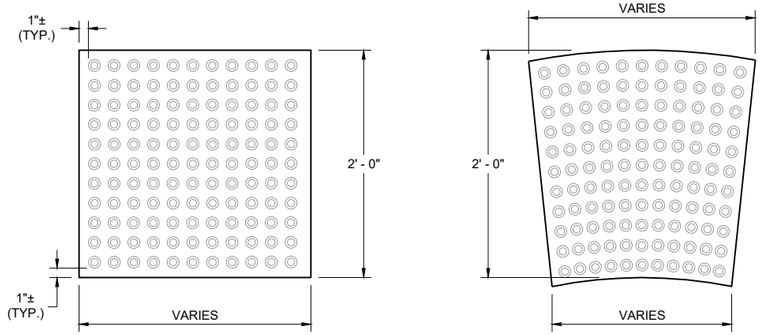
FOR RADIAL DETECTABLE WARNING FIELD APPLICATIONS WHERE STANDARD RADIAL PLATES ARE NOT AVAILABLE AT AN INTERSECTION CURB RADIUS, A COMBINATION OF SQUARE OR RECTANGULAR PLATES AND RADIAL PLATES MAY BE USED TO FORM RADIAL CONFIGURATION. RADIAL WEDGE PLATES IN COMBINATION WITH SQUARE PLATES ARE ALSO ACCEPTABLE. FOLLOW MANUFACTURER'S RECOMMENDATIONS.

REFER TO CONTRACT AND STANDARD SPECIFICATIONS FOR FIELD CUTTING REQUIREMENTS.

DO NOT EMBED IN CONCRETE ANY FIELD-CUT PLATES WITH CUT EDGES SHORTER THAN 6 INCHES. CONSULT WITH MANUFACTURER FOR RE-DRILLING AND ANCHORING REQUIREMENTS OF FIELD-CUT PLATES.

(15) FIELD SAW CUTS ALONG RADIAL DETECTABLE WARNING PLATES WILL BE NECESSARY TO MATCH EACH CURB RAMP EDGE. AVOID CUTTING THROUGH DOMES WHENEVER POSSIBLE. MAKE FIELD CUTS TRUE TO LINE AND WITHIN ⅛" DEVIATION. SMOOTH EDGES OF FIELD CUT PLATES.

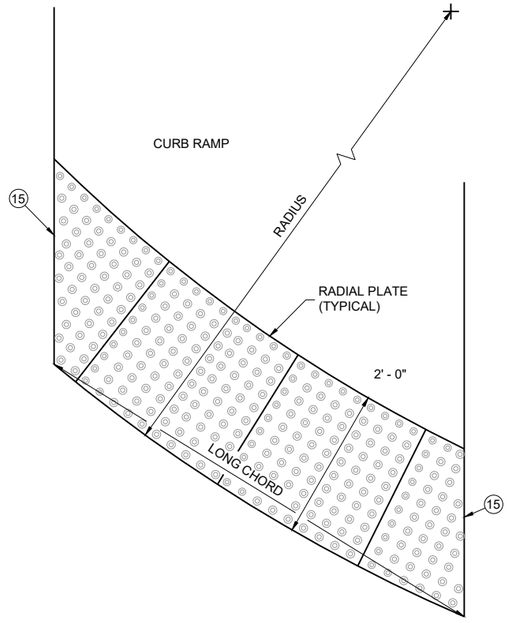
TRUNCATED DOMES
DETECTABLE WARNING PATTERN DETAIL



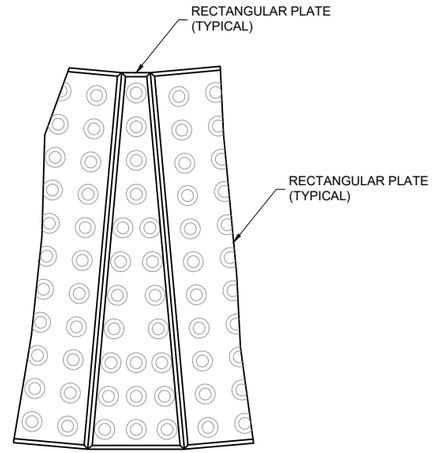
RECTANGULAR PLATES

RADIAL PLATES

PLAN VIEW
DETECTABLE WARNING FIELDS (TYPICAL)



PLAN VIEW
RADIAL DETECTABLE WARNING FIELD ATTRIBUTES



PLAN VIEW
RADIAL WEDGE PLATE CONNECTION DETAIL

CURB RAMPS
RECTANGULAR AND RADIAL DETECTABLE WARNING PLATES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
February 2025 — DATE
/S/ Rodney Taylor — <position>

FHWA

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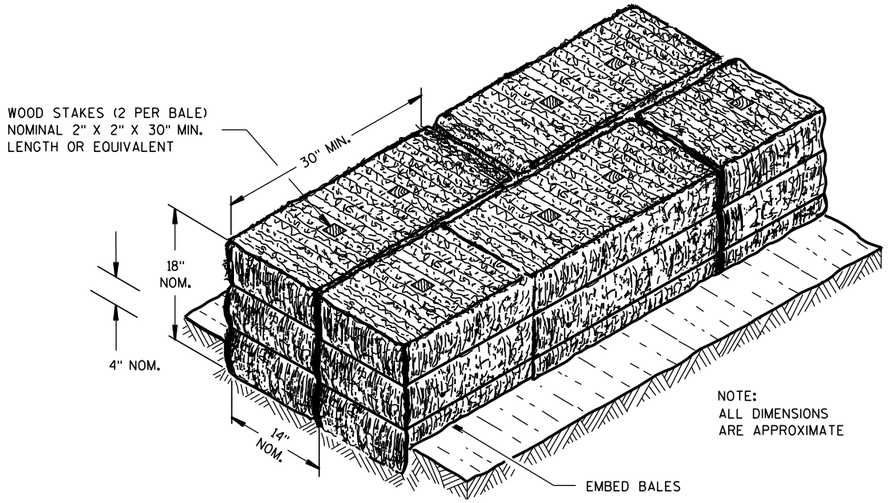
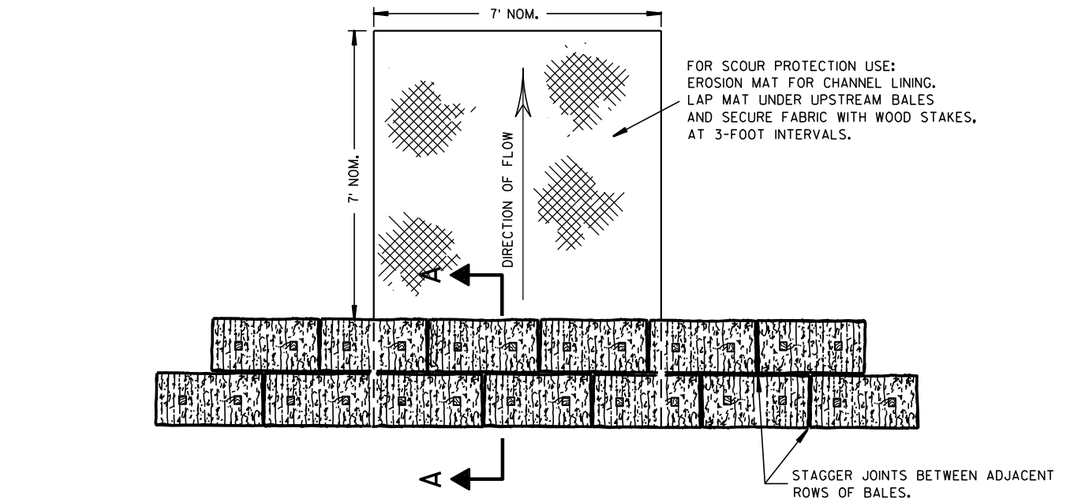
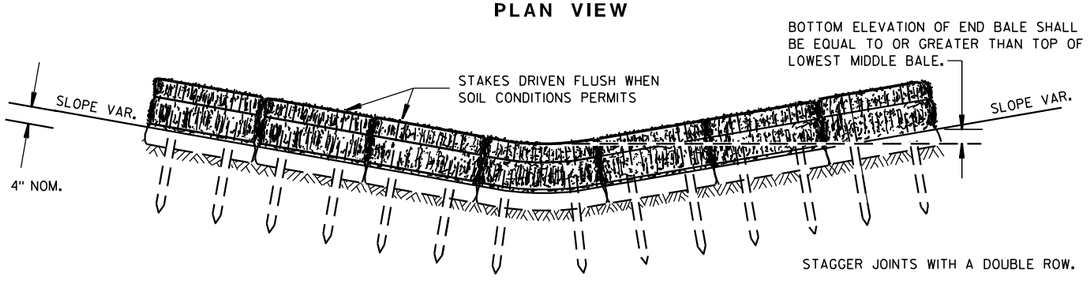
SDD 08D05-22g



SECTION A-A



PLAN VIEW



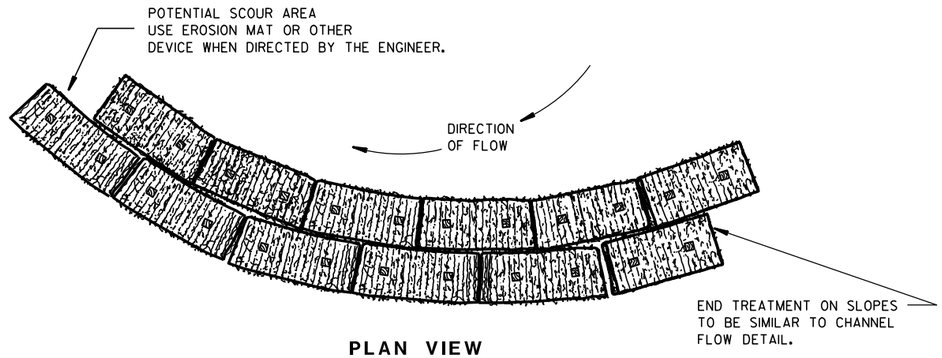
FRONT ELEVATION

TEMPORARY DITCH CHECK USING EROSION BALES (1)

GENERAL NOTES

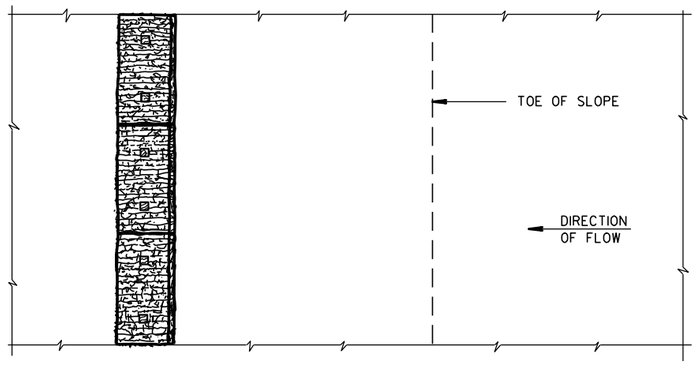
DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

(1) TEMPORARY DITCH CHECKS EITHER EROSION BALES OR MANUFACTURED SHALL BE PAID FOR UNDER THE BID ITEM OF TEMPORARY DITCH CHECK. THE DEPARTMENT WILL NOT PAY FOR TEMPORARY DITCH CHECKS CONSTRUCTED OF A SINGLE ROW OF EROSION BALES.

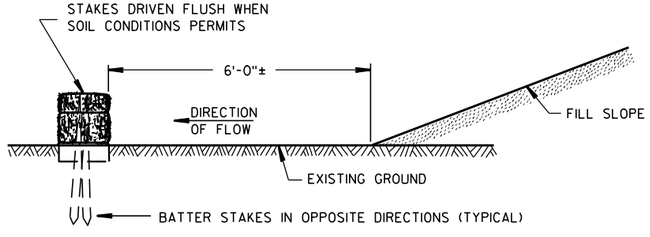


PLAN VIEW

WHEN ALTERING THE DIRECTION OF FLOW



PLAN VIEW



FRONT ELEVATION

WHEN EXISTING GROUND SLOPES AWAY FROM FILL SLOPE

EROSION BALES FOR SHEET FLOW

TYPICAL INSTALLATIONS OF EROSION BALES / TEMPORARY DITCH CHECKS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

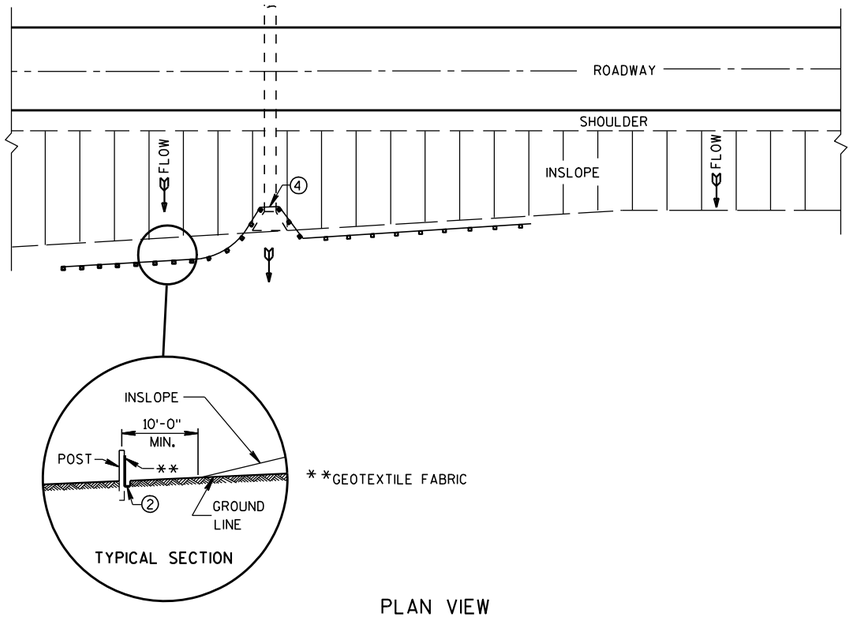
6/04/02 — DATE

/S/ Beth Cannestra — CHIEF ROADWAY DEVELOPMENT ENGINEER

FHWA

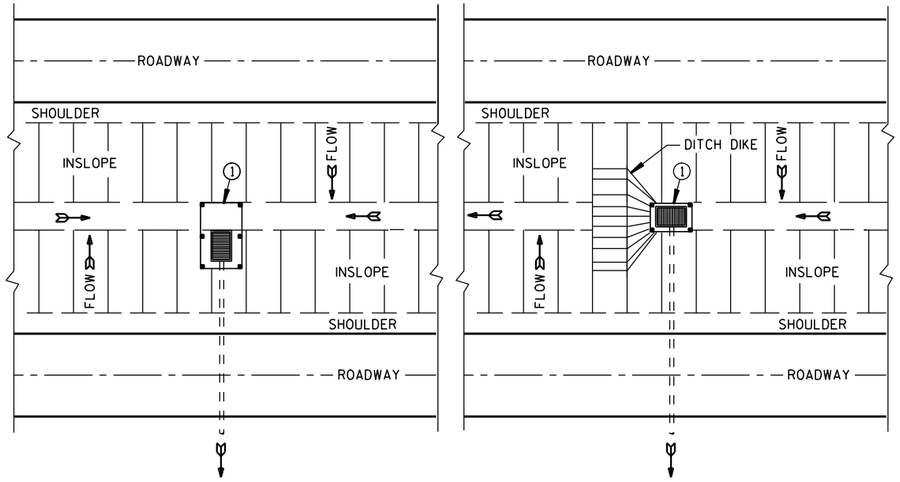
6

S.D.D. 8 E 8-3



PLAN VIEW

TYPICAL APPLICATION OF SILT FENCE



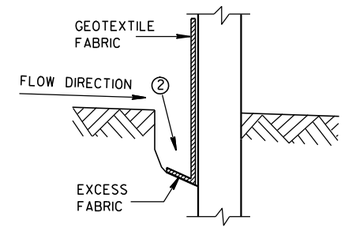
PLAN VIEW

SILT FENCE AT MEDIAN SURFACE DRAINS

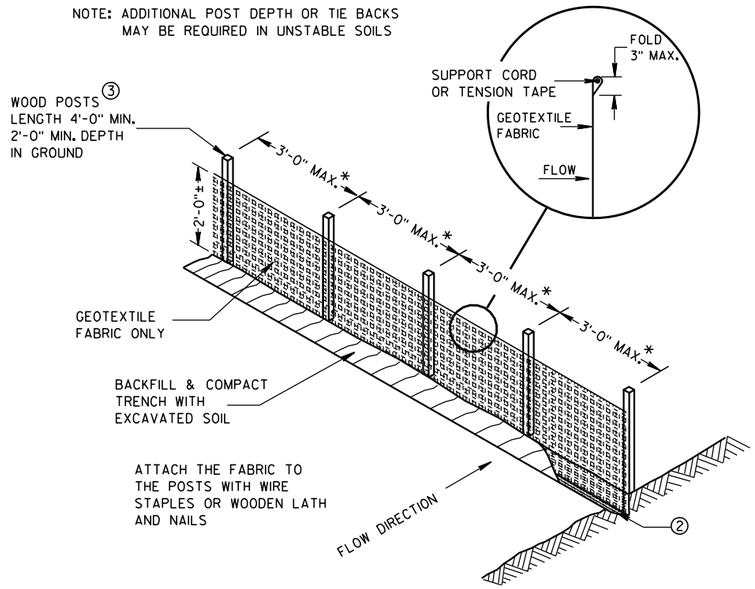
GENERAL NOTES

DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

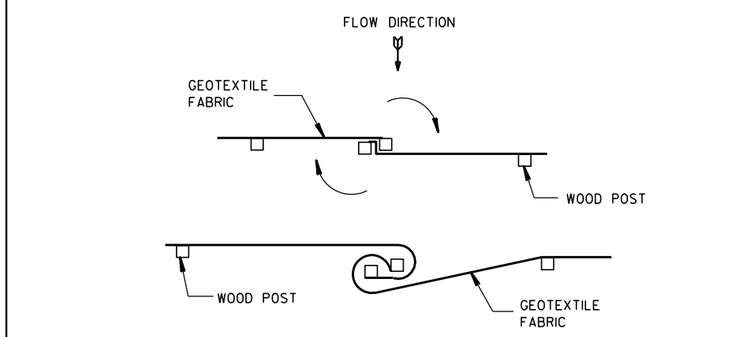
1. HORIZONTAL BRACE REQUIRED WITH 2" X 4" WOODEN FRAME OR EQUIVALENT AT TOP OF POSTS.
2. FOR MANUAL INSTALLATIONS THE TRENCH SHALL BE A MINIMUM OF 4" WIDE & 6" DEEP TO BURY AND ANCHOR THE GEOTEXTILE FABRIC. FOLD MATERIAL TO FIT TRENCH AND BACKFILL & COMPACT TRENCH WITH EXCAVATED SOIL.
3. WOOD POSTS SHALL BE A MINIMUM SIZE OF 1⅛" X 1⅛" OF OAK OR HICKORY.
4. SILT FENCE TO EXTEND ACROSS THE TOP OF THE PIPE.
5. CONSTRUCT SILT FENCE FROM A CONTINUOUS ROLL IF POSSIBLE BY CUTTING LENGTHS TO AVOID JOINTS. IF A JOINT IS NECESSARY USE ONE OF THE FOLLOWING TWO METHODS; A) OVERLAP THE END POSTS AND TWIST, OR ROTATE, AT LEAST 180 DEGREES, B) HOOK THE END OF EACH SILT FENCE LENGTH.



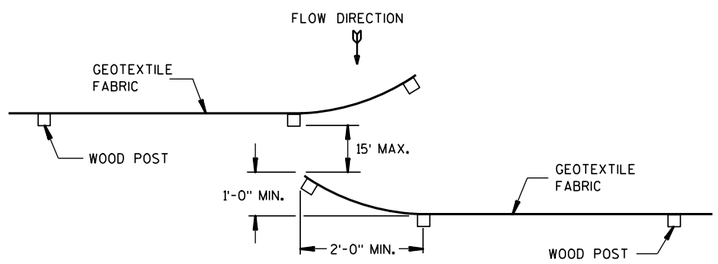
TRENCH DETAIL



SILT FENCE

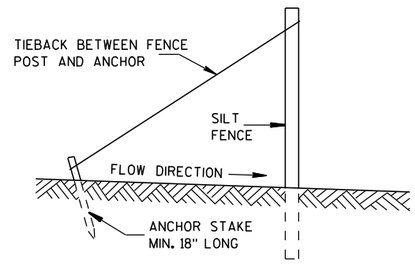


TWIST METHOD



HOOK METHOD

JOINING TWO LENGTHS OF SILT FENCE 5



SILT FENCE TIE BACK

(WHEN REQUIRED BY THE ENGINEER)

SILT FENCE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
4-29-05 DATE
/S/ Beth Cannestra
CHIEF ROADWAY DEVELOPMENT ENGINEER
FHWA

685

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S.D.D. 8 E 9-6

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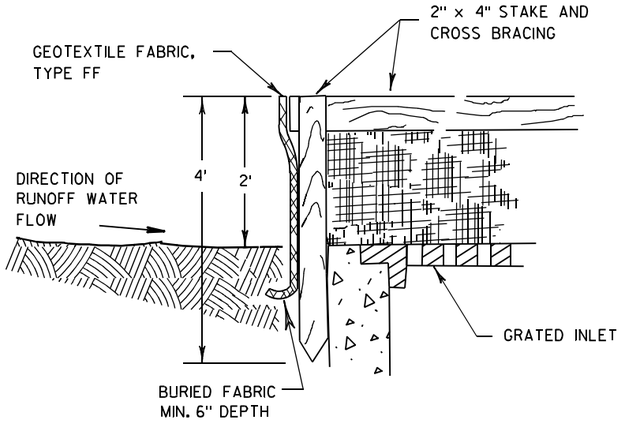
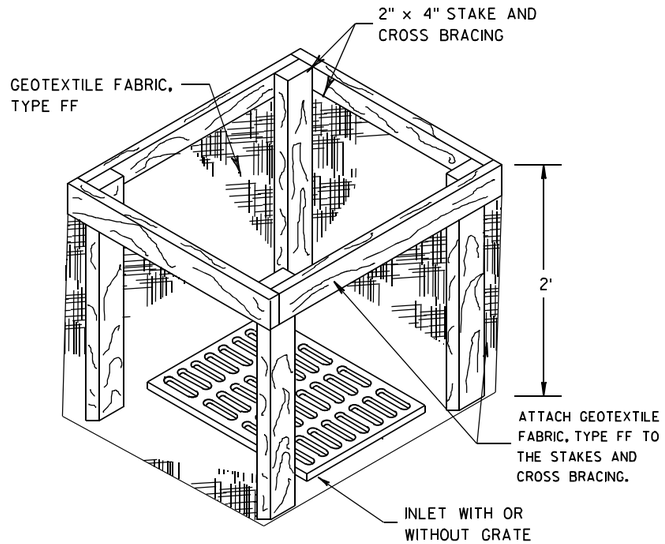
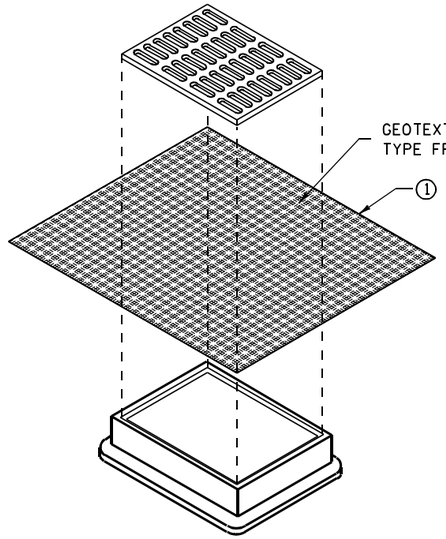
S.D.D. 8 E 9-6



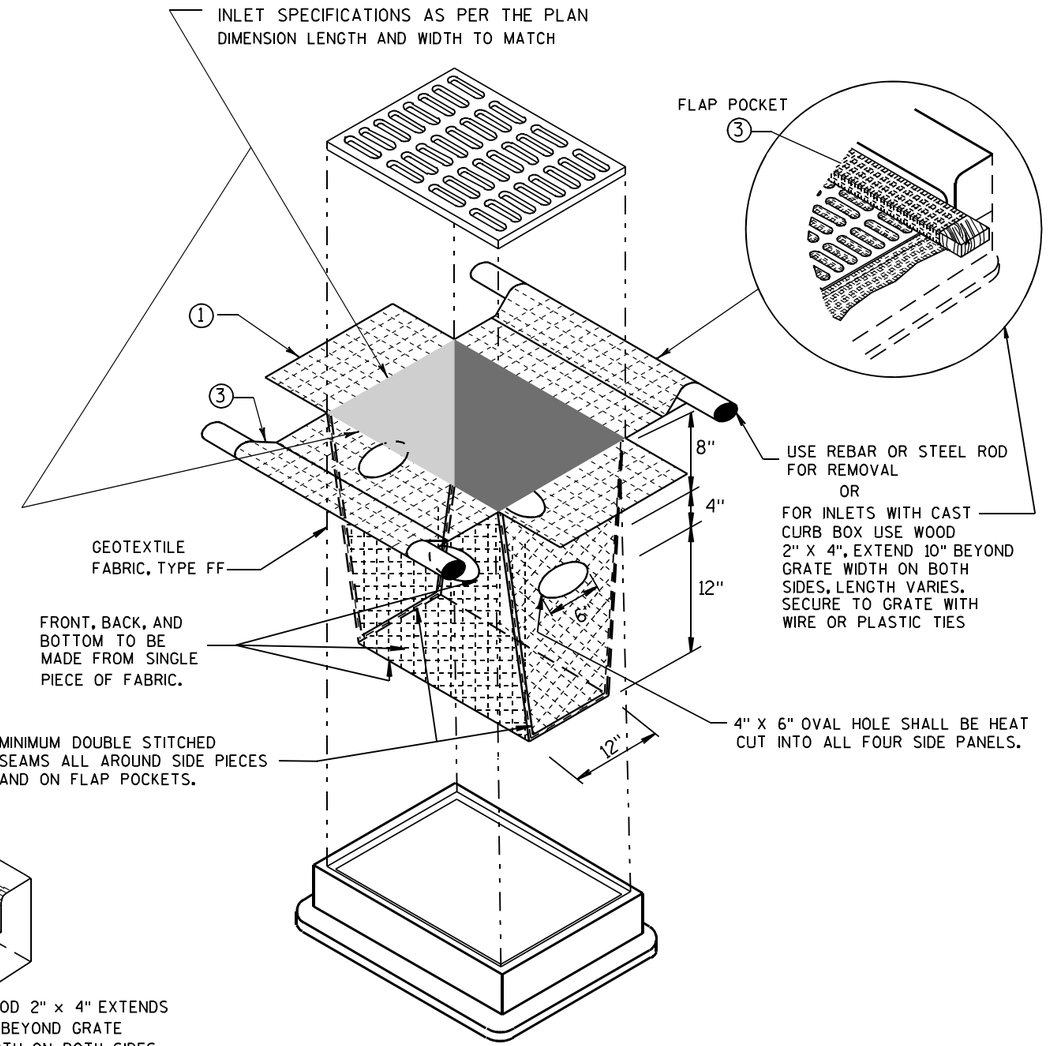


INLET PROTECTION, TYPE A



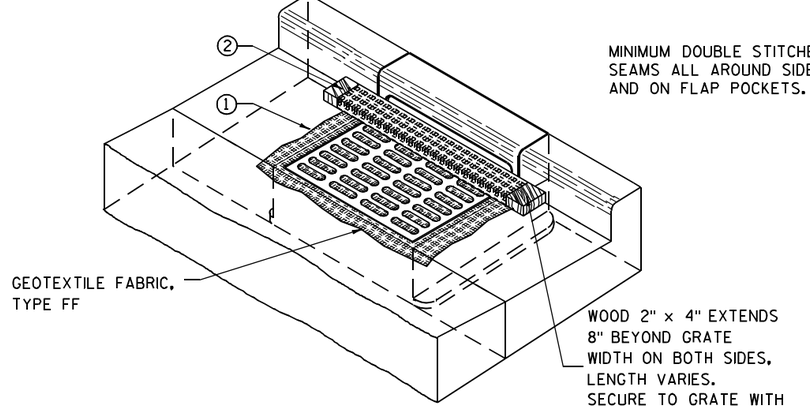
INLET PROTECTION, TYPE B
(WITHOUT CURB BOX)

(CAN BE INSTALLED IN ANY INLET WITHOUT A CURB BOX)



INLET PROTECTION, TYPE D

(CAN BE INSTALLED IN ANY INLET TYPE WITH
OR WITHOUT A CURB BOX AS PER NOTE ②)



INLET PROTECTION, TYPE C (WITH CURB BOX)

GENERAL NOTES

INLET PROTECTION DEVICES SHALL BE MAINTAINED OR REPLACED AT THE DIRECTION OF THE ENGINEER.

MANUFACTURED ALTERNATIVES APPROVED AND LISTED ON THE DEPARTMENT'S EROSION CONTROL PRODUCT ACCEPTABILITY LIST MAY BE SUBSTITUTED.

WHEN REMOVING OR MAINTAINING INLET PROTECTION, CARE SHALL BE TAKEN SO THAT THE SEDIMENT TRAPPED ON THE GEOTEXTILE FABRIC DOES NOT FALL INTO THE INLET. ANY MATERIAL FALLING INTO THE INLET SHALL BE REMOVED IMMEDIATELY.

① FINISHED SIZE, INCLUDING FLAP POCKETS WHERE REQUIRED, SHALL EXTEND A MINIMUM OF 10" AROUND THE PERIMETER TO FACILITATE MAINTENANCE OR REMOVAL.

② FOR INLET PROTECTION, TYPE C (WITH CURB BOX), AN ADDITIONAL 18" OF FABRIC IS WRAPPED AROUND THE WOOD AND SECURED WITH STAPLES. THE WOOD SHALL NOT BLOCK THE ENTIRE HEIGHT OF THE CURB BOX OPENING.

③ FLAP POCKETS SHALL BE LARGE ENOUGH TO ACCEPT WOOD 2X4.

INSTALLATION NOTES

TYPE B & C

TRIM EXCESS FABRIC IN THE FLOW LINE TO WITHIN 3" OF THE GRATE.

THE CONTRACTOR SHALL DEMONSTRATE A METHOD OF MAINTENANCE, USING A SEWN FLAP, HAND HOLDS OR OTHER METHOD TO PREVENT ACCUMULATED SEDIMENT FROM ENTERING THE INLET.

TYPE D

DO NOT INSTALL INLET PROTECTION TYPE D IN INLETS SHALLOWER THAN 30", MEASURED FROM THE BOTTOM OF THE INLET TO THE TOP OF THE GRATE.

TRIM EXCESS FABRIC IN THE FLOW LINE TO WITHIN 3" OF THE GRATE.

THE INSTALLED BAG SHALL HAVE A MINIMUM SIDE CLEARANCE, BETWEEN THE INLET WALLS AND THE BAG, MEASURED AT THE BOTTOM OF THE OVERFLOW HOLES, OF 3". WHERE NECESSARY THE CONTRACTOR SHALL CINCH THE BAG, USING PLASTIC ZIP TIES, TO ACHIEVE THE 3" CLEARANCE. THE TIES SHALL BE PLACED AT A MAXIMUM OF 4" FROM THE BOTTOM OF THE BAG.

INLET PROTECTION
TYPE A, B, C, AND D

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
10/16/02
DATE
/S/ Beth Cannestra
CHIEF ROADWAY DEVELOPMENT ENGINEER
FHWA

6
S.D.D. 8 E 10-2

METAL APRON ENDWALLS

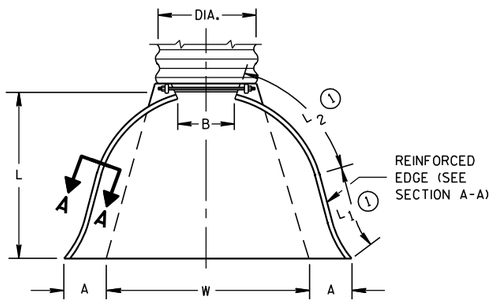
PIPE DIA. (IN.)	MIN. THICK. (Inches) STEEL	MIN. THICK. (Inches) ALUM.	DIMENSIONS (Inches) A (±1")	B (MAX.)	H (±1")	L (±1 1/2")	L1 ①	L2 ①	W (±2")	APPROX. SLOPE	BODY
12	.064	.060	6	6	6	21	12	17 1/2	24	2 1/2 to 1	1 Pc.
15	.064	.060	7	8	6	26	14	21 3/4	30	2 1/2 to 1	1 Pc.
18	.064	.060	8	10	6	31	15	28 1/4	36	2 1/2 to 1	1 Pc.
21	.064	.060	9	12	6	36	18	29 5/8	42	2 1/2 to 1	1 Pc.
24	.064	.075	10	13	6	41	18	37 1/4	48	2 1/2 to 1	1 Pc.
30	.079	.075	12	16	8	51	18	52 1/4	60	2 1/2 to 1	1 Pc.
36	.079	.105	14	19	9	60	24	59 3/4	72	2 1/2 to 1	2 Pc.
42	.109	.105	16	22	11	69	24	75 5/8	84	2 1/2 to 1	2 Pc.
48	.109	.105	18	27	12	78	24	81	90	2 1/4 to 1	3 Pc.
54	.109	.105	18	30	12	84	30	85 1/2	102	2 1/4 to 1	3 Pc.
60	.109×	.105×	18	33	12	87	—	—	114	2 to 1	3 Pc.
66	.109×	.105×	18	36	12	87	—	—	120	2 to 1	3 Pc.
72	.109×	.105×	18	39	12	87	—	—	126	2 to 1	3 Pc.
78	.109×	.105×	18	42	12	87	—	—	132	1 1/2 to 1	3 Pc.
84	.109×	.105×	18	45	12	87	—	—	138	1 1/2 to 1	3 Pc.
90	.109×	.105×	18	37	12	87	—	—	144	1 1/2 to 1	3 Pc.
96	.109×	.105×	18	35	12	87	—	—	150	1 1/2 to 1	3 Pc.

× EXCEPT CENTER PANEL SEE GENERAL NOTES

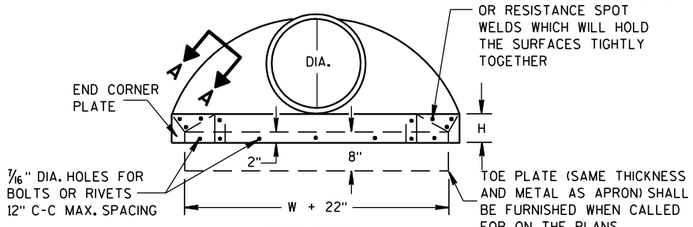
REINFORCED CONCRETE APRON ENDWALLS

PIPE DIA. (IN.)	DIMENSIONS (Inches) T	A	B	C	D	E	G	APPROX. SLOPE
12	2	4	24	48 7/8	72 1/8	24	2	3 to 1
15	2 1/4	6	27	46	73	30	2 1/4	3 to 1
18	2 1/2	9	27	46	73	36	2 1/2	3 to 1
21	2 3/4	9	36	37 1/2	73 1/2	42	2 3/4	3 to 1
24	3	9 1/2	43 1/2	30	73 1/2	48	3	3 to 1
27	3 1/4	10 1/2	49 1/2	24	73 1/2	54	3 1/4	3 to 1
30	3 1/2	12	54	19 3/4	73 1/2	60	3 1/2	3 to 1
36	4	15	63	34 3/4	97 3/4	72	4	3 to 1
42	4 1/2	21	63	35	98	78	4 1/2	3 to 1
48	5	24	72	26	98	84	5	3 to 1
54	5 1/2	27	65	* 33 1/4 - ** 35	* 98 1/4 - ** 100	90	5 1/2	2 2/5 to 1
60	6	* 30 - ** 35	60	39	99	96	5	2 to 1
66	6 1/2	* 24 - ** 30	* 72 - ** 78	* 21 - ** 27	99	102	5 1/2	2 to 1
72	7	* 24 - ** 36	78	21	99	108	6	2 to 1
78	7 1/2	* 24 - ** 36	78	21	99	114	6 1/2	2 to 1
84	8	36	90 1/2	21	111 1/2	120	6 1/2	1 1/2 to 1
90	8 1/2	41	87 1/2	24	111 1/2	132	6 1/2	1 1/2 to 1

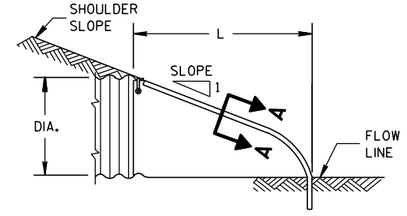
*MINIMUM
**MAXIMUM



PLAN VIEW

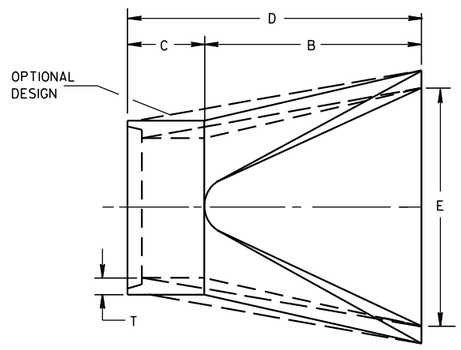


END VIEW

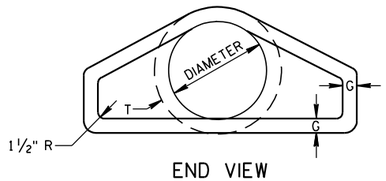


SIDE ELEVATION

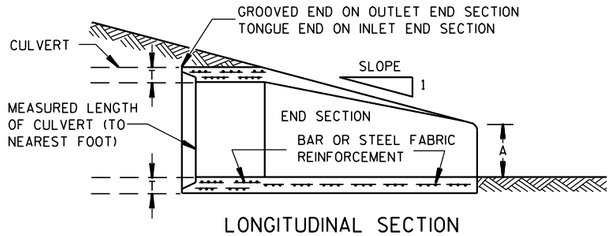
METAL ENDWALLS



PLAN

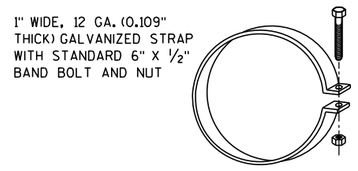


END VIEW



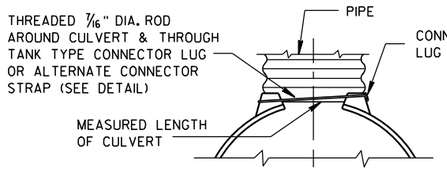
LONGITUDINAL SECTION

CONCRETE ENDWALLS

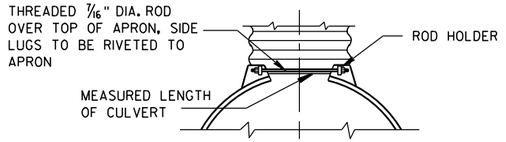


ALTERNATE FOR TYPE 1 CONNECTION

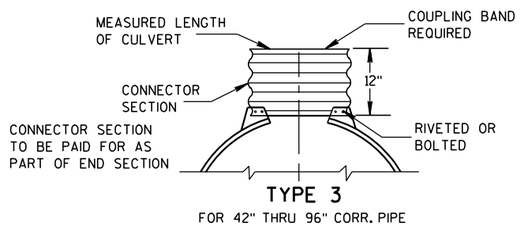
END SECTION CONNECTOR STRAP



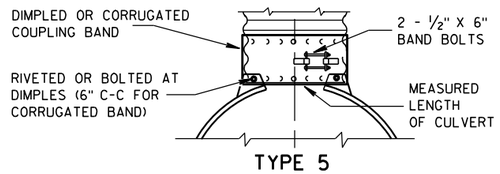
TYPE 1
FOR 12" THRU 24" CORR. PIPE



TYPE 2
FOR 30" THRU 96" CORR. PIPE



TYPE 3
FOR 42" THRU 96" CORR. PIPE



TYPE 5
ALTERNATE FOR:
ALL SIZES CORRUGATED CIRCULAR PIPE

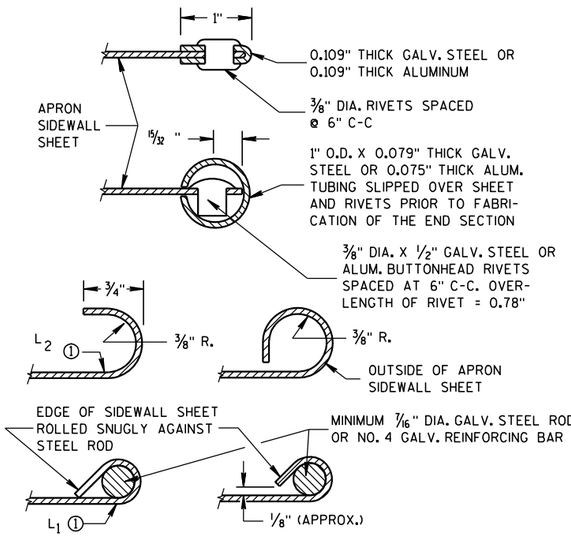
NOTE: DIMPLED BAND FITS OVER OUTSIDE OF ENDWALL. AND CORRUGATED BAND FITS INSIDE ENDWALL. DIMPLED BAND MAY BE USED WITH HELICALLY CORRUGATED PIPE.

FOR CIRCUMFERENTIALLY CORRUGATED PIPE USE ENDWALL CONNECTION DETAILS 1, 2, 3 OR 5 AS APPLICABLE.

FOR HELICALLY CORRUGATED PIPE USE ENDWALL CONNECTION DETAILS 1, 2 OR 5.

FOR HELICALLY CORRUGATED PIPES WITH TWO CIRCUMFERENTIAL CORRUGATIONS AT EACH END USE ENDWALL CONNECTION DETAILS 1, 2 OR 3.

CONNECTION DETAILS



SECTION A-A

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

CONCRETE CULVERT ENDWALLS MAY NOT BE USED WITH GALVANIZED STEEL OR ALUMINUM CULVERT PIPE OR VISE VERSA. GALVANIZED STEEL OR ALUMINUM ENDWALLS SHALL NORMALLY BE INSTALLED ON CULVERT PIPE OF THE SAME METAL.

ALL THREE PIECE STEEL APRON ENDWALLS FOR 60" DIAMETER PIPE AND LARGER SHALL HAVE 0.109" SIDES AND 0.138" CENTER PANELS. ALL THREE PIECE ALUMINUM APRON ENDWALLS FOR 60" DIAMETER PIPE AND LARGER SHALL HAVE 0.105" SIDES AND 0.134" CENTER PANELS. THE WIDTH OF CENTER PANELS SHALL BE GREATER THAN 20 PERCENT OF THE PIPE PERIMETER.

LAP SEAMS SHALL BE TIGHTLY JOINED BY GALVANIZED RIVETS OR BOLTS FOR STEEL UNITS AND ALUMINUM RIVETS AND BOLTS FOR ALUMINUM UNITS. FOR THE 60" THROUGH 96" DIAMETER APRON ENDWALL SIZES, THE REINFORCED EDGES AND CENTER PANEL SEAMS SHALL BE FURTHER REINFORCED WITH GALVANIZED STEEL OR ALUMINUM STIFFENER ANGLES. THE ANGLES SHALL BE ATTACHED BY GALVANIZED NUTS AND BOLTS FOR STEEL UNITS AND ALUMINUM NUTS AND BOLTS FOR ALUMINUM UNITS.

WHERE TWO OR MORE PIPES WITH APRON ENDWALLS ARE LAID ADJACENT TO EACH OTHER, THEY SHALL BE SEPARATED BY A DISTANCE SUFFICIENT TO PROVIDE A MINIMUM CLEARANCE OF 6 INCHES BETWEEN APRON ENDWALLS.

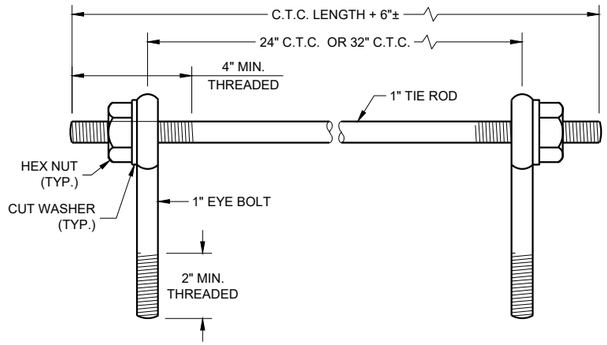
① FOR PIPE SIZES UP TO 60" DIAMETER, A 180° ROLLED EDGE MAY BE USED INSTEAD OF STEEL ROD REINFORCEMENT. SEE SECTION A-A.

APRON ENDWALLS FOR CULVERT PIPE

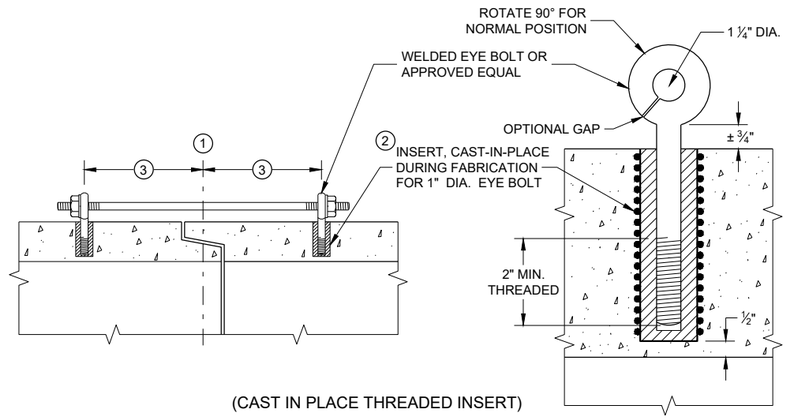
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
11/30/94 DATE
/S/ Rory L. Rhinesmith
CHIEF ROADWAY DEVELOP 687 NEER
FHWA

6
S.D.D. 8 F 1-11



EYE BOLTS AND TIE ROD



(CAST IN PLACE THREADED INSERT)

LONGITUDINAL SECTIONS

EYE BOLT AND TIE ROD ASSEMBLY (ALTERNATE NO. 1)

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS, AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

CONCRETE CULVERT AND STORM SEWER PIPE SHALL BE TIED TOGETHER IN THE MANNER ILLUSTRATED BY THIS DETAIL AT LOCATIONS DESIGNATED IN THE STANDARD SPECIFICATIONS AND THE PLAN. THE CONTRACTOR MAY USE EITHER ALTERNATE 1, 2 OR 3 FOR DRAINAGE STRUCTURES. ONLY ALTERNATE 1 AND 3 MAY BE USED FOR CATTLE PASSES, UNLESS OTHERWISE STATED IN THE CONTRACT. THE MATERIALS, FABRICATION AND WORK NECESSARY TO TIE THE PIPE BY THIS DETAIL WILL BE CONSIDERED INCIDENTAL TO THE PIPE AND APRON ENDWALLS IF REQUIRED.

DETAILED DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR JOINT TIES SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL.

JOINT TIES TO BE HOT-DIP GALVANIZED PER ASTM A 153.

(1) CENTER LINE OF TONGUE AND GROOVE OR BELL AND SPIGOT JOINTS.

(2) THE INSIDE OF THE THREADED INSERTS SHALL BE CLEAN TO ALLOW THE INSERTION OF THREADED EYE BOLTS.

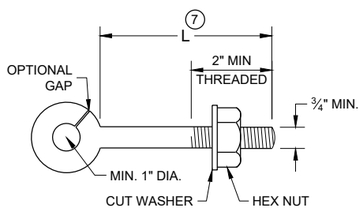
(3) HOLES SHALL BE CAST-IN-PLACE OR DRILLED PER THE APPLICABLE DETAIL, AND EQUAL DISTANCE FROM THE CENTERLINE OF THE JOINT.

(4) BOLT PROJECTION INSIDE OF PIPE SHALL NOT EXCEED 2 INCHES.

(5) OPENING TO BE ROD DIAMETER PLUS 1 INCH.

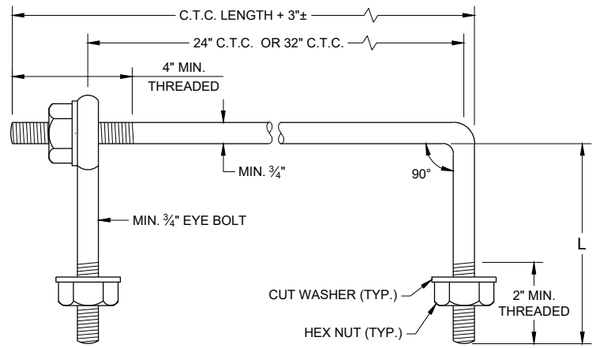
(6) LENGTH ADEQUATE TO EXTEND TO WITHIN ½ INCH OF THE INNER SURFACE OF THE PIPE.

(7) EYE BOLT LENGTH DETERMINED BY WALL THICKNESS, BELL THICKNESS AND BOLT PROJECTION INSIDE PIPE.

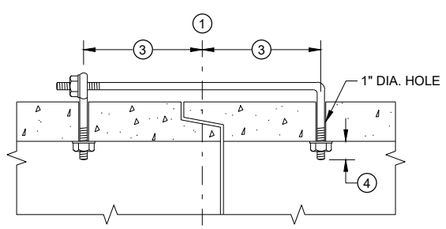


EYE BOLT (7)

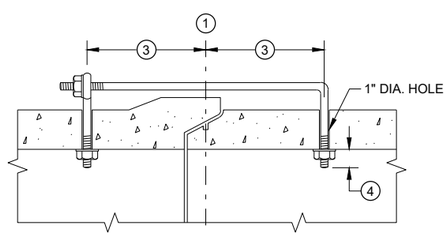
NOTE: TWO EYE BOLTS MAY BE USED WITH A 30" OR 38" LONG THREADED ROD IN LIEU OF THE 90° BENT TIE ROD.



EYE BOLT AND TIE ROD



(TONGUE AND GROOVE PIPE)



(MODIFIED BELL PIPE)

LONGITUDINAL SECTION

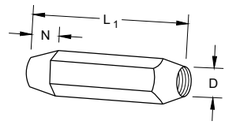
(JOINT TIES FOR 18" TO 66" DIA. CONCRETE PIPE)

EYE BOLT AND TIE ROD ASSEMBLY (ALTERNATE NO. 2)

ADJUSTABLE TIE ROD TABLE

PIPE DIAMETER	TIE ROD DIAMETER	D	L_1	N
12 - 60	⅝	⅝	5	½
66 - 84	¾	¾	5	½
90 - 144	1	1	7	1 7/16

DIMENSIONS SHOWN ARE IN INCHES



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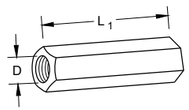
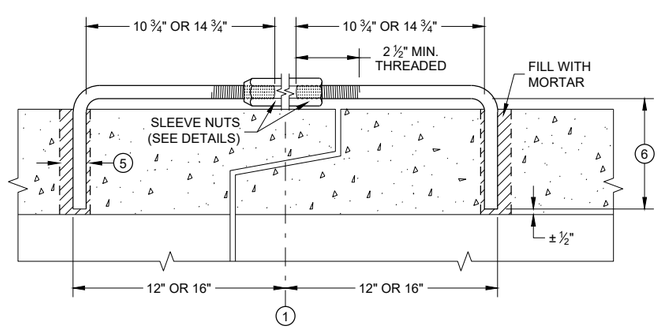


PLAIN

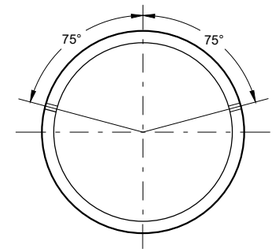
RIGHT AND LEFT THREADS

SLEEVE NUTS



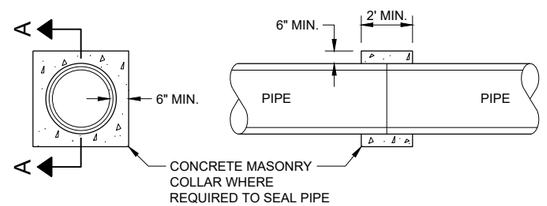
LONGITUDINAL SECTION

ADJUSTABLE TIE ROD (ALTERNATE NO. 3)



PLACEMENT OF (2) CAST-IN-PLACE INSERTS OR HOLES DURING FABRICATION FOR PIPE SECTIONS REQUIRING TIE RODS

TRANSVERSE SECTION



SECTION A - A

CONCRETE COLLAR DETAIL

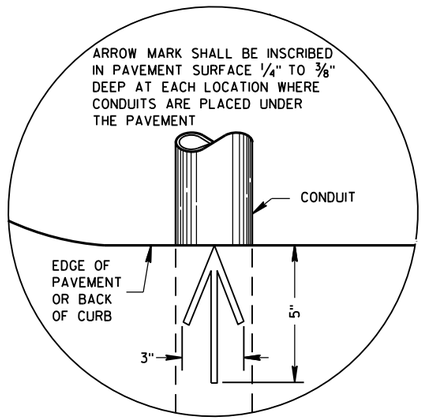
JOINT TIES FOR CONCRETE PIPE AND CONCRETE COLLAR DETAIL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2021
DATE
/S/ Rodney Taylor
ROADWAY STANDARDS DEVE ENGINEER
FHWA

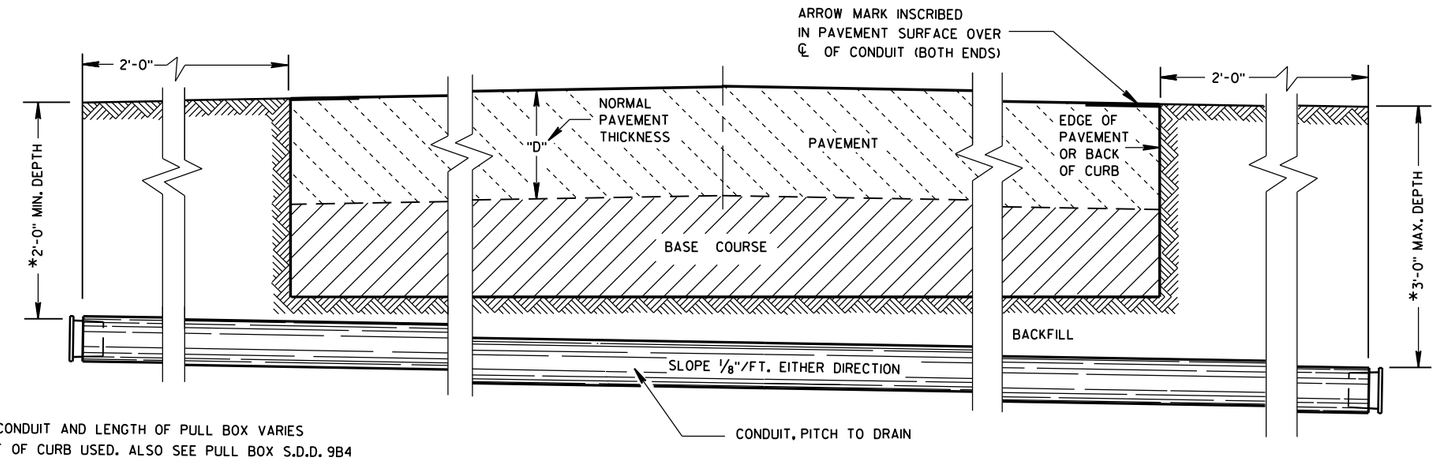
SDD 08F04 - 08

SDD 08F04 - 08



PLAN VIEW

ARROW MARK



*DEPTH OF CONDUIT AND LENGTH OF PULL BOX VARIES WITH HEIGHT OF CURB USED. ALSO SEE PULL BOX S.D.D. 9B4

SIDE ELEVATION

DETAIL FOR CONDUIT UNDER PAVED HIGHWAYS

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

METALLIC (STANDARD SPECIFICATION 652.2.2) OR NONMETALLIC (STANDARD SPECIFICATION 652.2.3) CONDUIT SHALL BE FURNISHED AND PLACED AS SHOWN.

DEPTH OF CONDUIT INSTALLED BELOW THE TRAVELED WAY SHALL BE 24 INCHES MINIMUM AND 36 INCHES MAXIMUM.

DEPTH OF CONDUIT INSTALLED THAT IS NOT BELOW THE TRAVELED WAY SHALL BE 18 INCHES MINIMUM AND 36 INCHES MAXIMUM.

ANY EXCEPTION TO THE MAXIMUM DEPTH SHALL BE ONLY WITH THE WRITTEN APPROVAL OF THE ENGINEER.

THE TRENCH SHALL NOT BE BACKFILLED PRIOR TO INSPECTION OF THE CONDUIT.

ALL METALLIC CONDUIT RACEWAY ENDS SHALL BE REAMED AND THREADED.

ALL METALLIC CONDUIT IN WHICH WIRE OR CABLE IS TO BE INSTALLED SHALL BE BUSHED WITH APPROVED THREADED BUSHINGS BEFORE INSTALLATION OF THE WIRE OR CABLE.

ALL METALLIC CONDUITS IN WHICH WIRE OR CABLE IS NOT TO BE INSTALLED SHALL BE CAPPED WITH THREADED PROTECTIVE CAPS, AS APPROVED BY THE ENGINEER.

ALL NONMETALLIC CONDUIT SHALL BE CAPPED OR PLUGGED IMMEDIATELY AFTER INSTALLATION AND SHALL REMAIN CAPPED OR PLUGGED UNTIL WIRE/CABLES ARE INSTALLED.

NONMETALLIC CONDUITS IN WHICH WIRE OR CABLE IS NOT BEING INSTALLED SHALL REMAIN CAPPED OR PLUGGED.

BENDING OF PVC ELECTRICAL CONDUIT SHALL BE ACCOMPLISHED BY USING A BLANKET OR EMERSION TYPE TANK DESIGNED FOR THE PURPOSE OF BENDING PVC ELECTRICAL CONDUIT.

ALL CUT ENDS SHALL BE TRIMMED INSIDE AND OUTSIDE TO REMOVE ALL ROUGH EDGES ON NONMETALLIC CONDUIT. (SEE NEC 347.5)

WHEN REQUIRED TO CONNECT NONMETALLIC CONDUIT TO METALLIC CONDUIT, ONLY U.L. LISTED ADAPTER FITTINGS SHALL BE USED.

PRIOR TO CONDUIT ACCEPTANCE, CONDUIT CAPS OR PLUGS SHALL BE REMOVED, AND THE CAPS, PLUGS AND CONDUIT ENDS SHALL BE THOROUGHLY CLEANED AND THEN THE CAPS OR PLUGS REINSTALLED TO ENSURE THAT THE CAPS OR PLUGS CAN BE EASILY REMOVED IN THE FUTURE.

ALL CONDUIT BEING FURNISHED AND INSTALLED SHALL HAVE THE U.L. LABEL FIRMLY ATTACHED.

CONDUIT RUNS SHALL BE THE SAME SIZE OF CONDUIT FROM ONE END TO THE OTHER (FROM PULL BOX TO PULL BOX-OR-JUNCTION BOX TO JUNCTION BOX-OR-BASE TO BASE, ETC.).

TRACER WIRE SHALL BE INSTALLED AS STATED IN THE STANDARD SPECIFICATION, ITEM 652.3.1.1.

ALL CONDUIT RUNS SHALL BE STRAIGHT (WITHOUT BENDS) FROM PULL BOX TO PULL BOX, PULL BOX TO BASE AND BASE TO BASE AS SHOWN ON THE PLANS.

CONDUIT

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
March, 2017 — DATE
/S/ Ahmet Demirbilek — STATE ELECTRICAL 689
FHWA

6

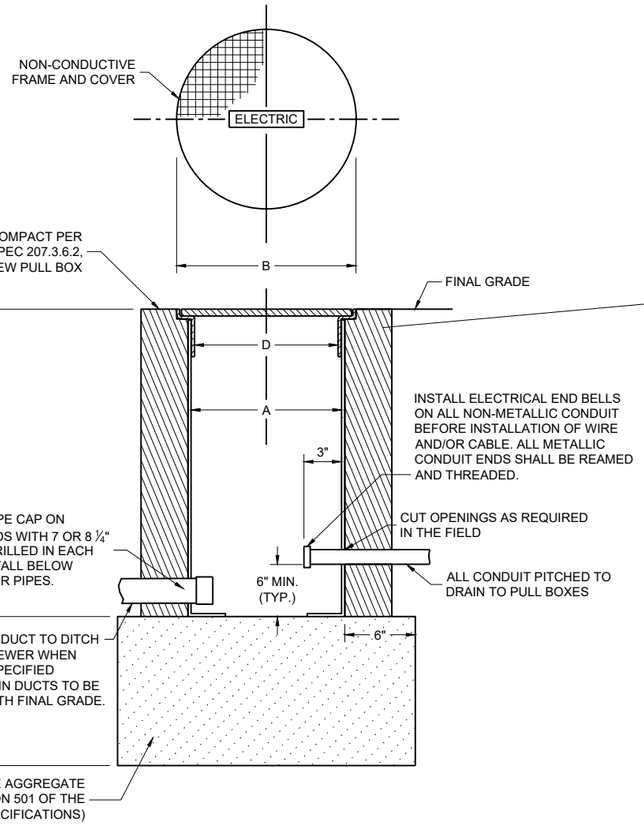
S.D.D. 9 B 2-10

TABLE OF NOMINAL DIMENSIONS
AND WEIGHTS

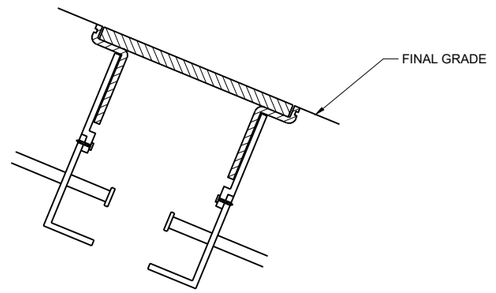
DIMENSION IN INCHES		NON- CONDUCTIVE PULL BOX	
BOX DIAMETER ** (INSIDE)	A	24	24
BOX OVERALL OUTSIDE DIAMETER	B	27	27
BOX LENGTH	C	36	42
FRAME OPENING	D	22 ½	22 ½
WEIGHT IN POUNDS *			
COVER		50	50
BOX ONLY		75	85

*THE ACTUAL WEIGHT OF THE COVER OR BOX ONLY MAY VARY NOT TO EXCEED 100 LBS INDIVIDUALLY.

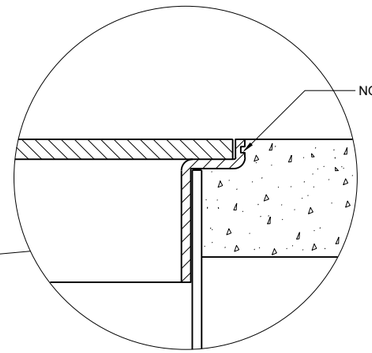
** DIAMETER VARIES FROM TOP TO BOTTOM WITH THE DIAMETER LARGER AT THE BOTTOM TO PREVENT FROST HEAVE.



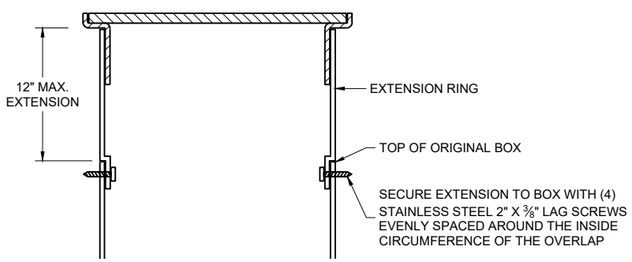
NON-CONDUCTIVE PULL BOX



**INSTALLED IN SOD
OR CRUSHED AGGREGATE**



INSTALLED IN SIDEWALK



BOX EXTENSION

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

ALL BOXES, FRAMES AND COVERS SHALL BE SUITABLE FOR TIER 15 LOADING AS SPECIFIED IN ANSI/SCTE 77.

PROVIDE AN OPENING FOR TOOL ASSISTED COVER REMOVAL NOT LARGE ENOUGH TO PERMIT PASSAGE OF A SPHERE MORE THAN ½" DIAMETER

ENSURE COVER SURFACE IS SKID RESISTANT WITH A COEFFICIENT OF FRICTION OF AT LEAST 0.5 AND VERTICAL SURFACE DICONTINUITIES LESS THAN ¼".

COVER SHALL BE MAGNETICALLY LOCATABLE.

BOXES AND EXTENSIONS ARE TRIMMABLE FOR CUSTOM LENGTHS. TRIMMED PIECES SHALL MAINTAIN A UNIFORM LENGTH.

ENTRANCE HOLES INTO PULL BOXES SHALL BE CUT WITH A CIRCULAR HOLE SAW OR HYDRAULIC CONDUIT PUNCH. HOLE SIZE SHALL BE THE OUTSIDE DIAMETER OF THE CONDUIT THAT IS TO FIT IN THE OPENING PLUS NO MORE THAN ¼".

THE CONTRACTOR SHALL NOT INSTALL WIRE IN ANY PULL BOX UNTIL ITS INSTALLATION HAS BEEN INSPECTED AND ACCEPTED BY THE ENGINEER.

ALL METALLIC CONDUIT IN WHICH WIRE AND/OR CABLE IS TO BE INSTALLED, SHALL BE BUSHED BEFORE INSTALLATION OF THE WIRE AND/OR CABLE.

ENTIRE BOX MUST BE CONSTRUCTED OF NON-CONDUCTIVE MATERIALS WITH THE EXCEPTION OF STAINLESS STEEL FASTENERS AND MAGNETIC LOCATABLE DEVICE.

WHEN A PULL BOX IS INSTALLED IN CRUSHED AGGREGATE SHOULDERS, PLACE IT 2-3 INCHES BELOW GRADE AND COVER IT WITH 2-3 INCHES OF CRUSHED AGGREGATE.

LABEL ON COVER SHALL READ "ELECTRIC" FOR SIGNAL AND LIGHTING SYSTEMS, "WISDOT ITS" FOR COMMUNICATIONS AND ITS EQUIPMENT SYSTEMS.

INSTALL PULL BOX TO MATCH GRADE UP TO 3:1 MAX.

RONG SHALL BE FLUSH WITH TOP OF PULL BOX.

COMPACT AROUND PULL BOX.

**MEASUREMENT DETAIL FOR
WIRE/CABLE IN THE PULL BOX**

**PULL BOXES
NON-CONDUCTIVE**

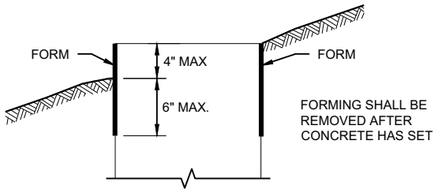
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
February 2026 — DATE
/S/ Ahmet Demirbilek — STATE ELECTRICAL ENGINEER

FHWA

6
SDD 09B16-04

FORM DEPTH SHALL BE NO MORE THAN 6" BELOW GRADE ON THE LOWER SIDE OF BASE



FORMING DETAIL

QUANTITY REQUIREMENTS	CONCRETE BASE TYPE		
	1	2	5 & 6
APPROX. CUBIC YARDS OF CONCRETE	0.40	0.57	0.40
LBS. OF HOOP BAR STEEL	NONE	23	16
LBS. OF VERTICAL BAR STEEL	NONE	60	18

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWINGSHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

BASES SHALL BE EXCAVATED BY USE OF A CIRCULAR AUGER.

TOP SURFACES OF CONCRETE BASES SHALL BE TROWEL FINISHED SMOOTH AND LEVEL.

CONDUIT SIZES AND LOCATIONS SHALL BE SHOWN ON THE PLANS

THE FINAL OR TERMINATING CONCRETE BASE IN A CONDUIT RUN SHALL HAVE A 6" EXIT STUB INSTALLED FOR FUTURE CABLING USE. THE EXIT STUB SHALL BE SIZED AS USED THROUGHOUT THE CONDUIT RUN AS SHOWN A THE ENTRANCE OF THE BASE.

ENDS OF CONDUIT INSTALLED BELOW GRADE FRO FUTURE USE SHALL BE CAPPED IF METALLIC OR PLUGGED IF NON-METALLIC.

MINIMUM BENDING RADIUS OF CONDUIT IS EQUAL TO 6X THE DIAMETER.

CONDUIT HEIGHT ABOVE CONCRETE BASES SHALL BE 1 INCH. ALL METALLIC CONDUIT ENDS SHALL BE REAMED AND THREADED.

ALL CONDUIT ENDS AT THE TOP OF CONCRETE BASES SHALL BE CAPPED IF METALLIC OR PLUGGED IF NON-METALLIC IMMEDIATELY AFTER PLACEMENT AND BEFORE CONCRETE IS POURED. CONDUITS IN WHICH WIRE OR CABLE IS NOT INSTALLED SHALL REMAIN CAPPED OR PLUGGED.

BELL ENDS SHALL BE INSTALLED ON ALL PVC CONDUIT EXPOSED AT THE TOP OF CONCRETE BASES BEFORE INSTALLATION.

WHEN REQUIRED TO CONNECT NON-METALLIC CONDUIT TO METALLIC CONDUIT, ONLY ADAPTER FITTINGS, U.L. LISTED FOR ELECTRICAL USE, SHALL BE USED.

IF A BASE REQUIRES A DEEP FORM BECAUSE OF LOOSE DIRT OR FILL, THE FORM SHALL BE REMOVED BEFORE BACKFILLING AROUND THE BASE. BACKFILL SHALL BE TAMPED TIGHT AGAINST THE BARE CONCRETE BASE IN LAYERS OF 1 FOOT OR LESS.

A NO. 4 AWG STRANDED COPPER EQUIPMENT GROUNDING CONDUCTOR SHALL BE EXOTHERMICALLY WELDED TO THE EQUIPMENT GROUNDING ELECTRODE (GROUND ROD) FOR TYPE 2, TYPE 5 AND TYPE 6 BASES.

THE EQUIPMENT GROUNDING CONDUCTOR SHALL BE FURNISHED AND INSTALLED TO ENTER ALL BASE TYPES THROUGH A 1 INCH CONDUIT INSTALLED FOR GROUNDING PURPOSES, LEAVING A 4 FOOT COIL OF WIRE ABOVE THE CONCRETE BASE. THE EQUIPMENT GROUNDING CONDUCTOR SHALL BE NEATLY COILED AND THE COILS TIED TOGETHER.

ANCHOR RODS SHALL BE THREADED 12" IN LENGTH ON EACH END OF THE ROD. ANCHOR RODS SHALL BE MANUFACTURED IN ACCORDANCE WITH SECTION 654.2.1 OF THE STANDARD SPECIFICATIONS.

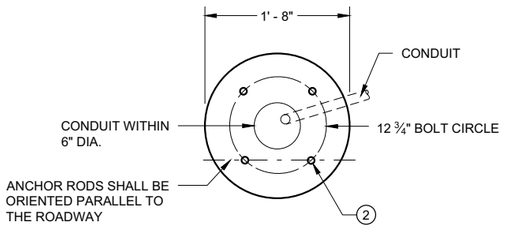
WASHERS AND LOCK WASHERS ARE REQUIRED ON ALL ANCHOR RODS.

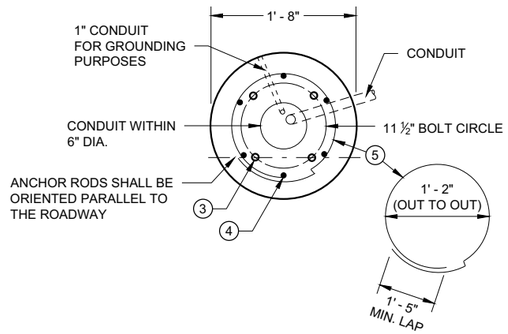
WHEN ANCHOR RODS USING THE ALTERNATE "L" BEND ARE FURNISHED, THE 4 INCH"L" BEND SHALL BE IN ADDITION TO THE SPECIFIED ANCHOR ROD BAR LENGTH. THE "L" BEND SHALL NOT BE THREADED.

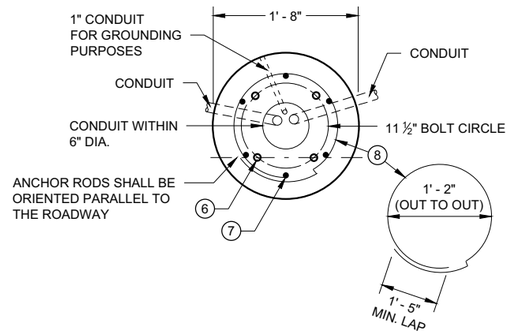
ANCHOR RODS SHALL BE INSTALLED WITH MISALIGNMENTS OF LESS THAN 1:40 FROM VERTICAL.

WELDING OF THE ANCHOR RODS TO THE CAGE IS UNACCEPTABLE. TIE WIRES SHALL BE USED.

BAR STEEL REINFORCEMENT SHALL BE COATED WITH POWDERED EPOXY RESIN IN ACCORDANCE WITH SECTION 505 OF THE STANDARD SPECIFICATIONS (LATEST EDITION).







1 THE MINIMUM DEPTH OF CONDUIT EXITING THE CONCRETE BASE AND INSTALLED BELOW THE TRAVELED WAY SHALL BE 24 INCHES. THE MINIMUM DEPTH OF CONDUIT EXITING THE CONCRETE BASE THAT IS NOT INSTALLED BELOW THE TRAVELED WAY SHALL BE 18 INCHES. THE MAXIMUM DEPTH OF ALL CONDUIT SHALL BE 36 INCHES EXCEPT WITH WRITTEN APPROVAL OF THE ENGINEER.

2 (4) 1" DIA. X 3' - 6" ANCHOR RODS.

3 (4) 1" DIA. X 5' - 0" ANCHOR RODS.

4 (6) NO. 6 X 6' - 8" BAR STEEL REINFORCEMENT.

5 (7) NO. 4 X 5' - 1" BAR STEEL REINFORCEMENT @ 1' - 0" C - C.

6 (4) 1" DIA. X 3' - 6" ANCHOR RODS.

7 (6) NO. 4 X 4' - 8" BAR STEEL REINFORCEMENT.

8 (5) NO. 4 X 5' - 1" BAR STELL REINFORCEMENT @ 1' - 0" C -C.

9 EXOTHERMIC CONNECTION TO EUIPMENT GROUNDING CONDUCTOR

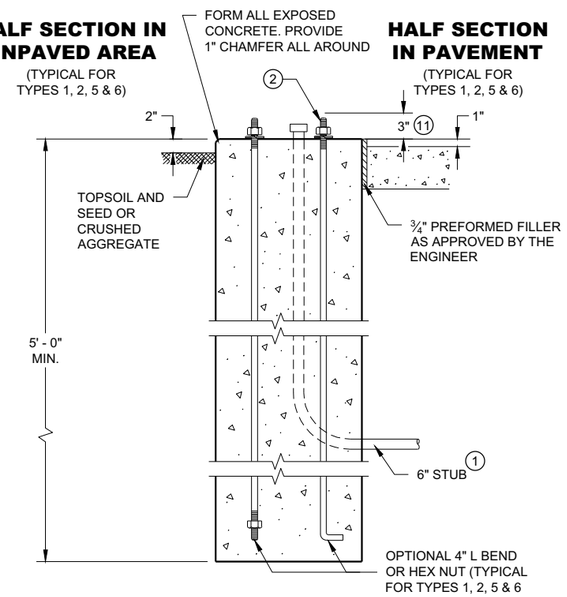
10 ⅝" DIA. X 8' -0" COPPERCLAD EQUIPMENT GROUNDING ELECTRODE REQUIRED

11 ANY ANCHOR ROD PROJECTION SHORTER THAN 2 ¾" OR LONGER THAN 3 ¼" SHALL REQUIRE THE BASE TO BE REMOVED AND REPLACED AT THE CONTRACTORS EXPENSE.

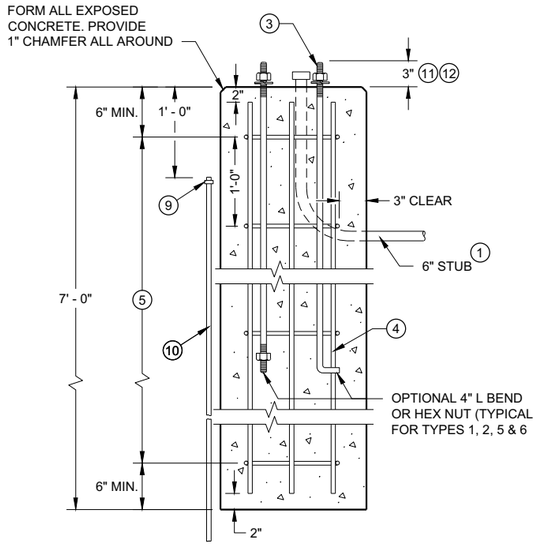
12 FOR NON - BREAKAWAY INSTALLATIONS, 4 ½" ± ANCHOR ROD PROJECTION WITH THE USE OF LEVELING NUTS. RODENT SCREEN REQUIRED.

HALF SECTION IN UNPAVED AREA
(TYPICAL FOR TYPES 1, 2, 5 & 6)

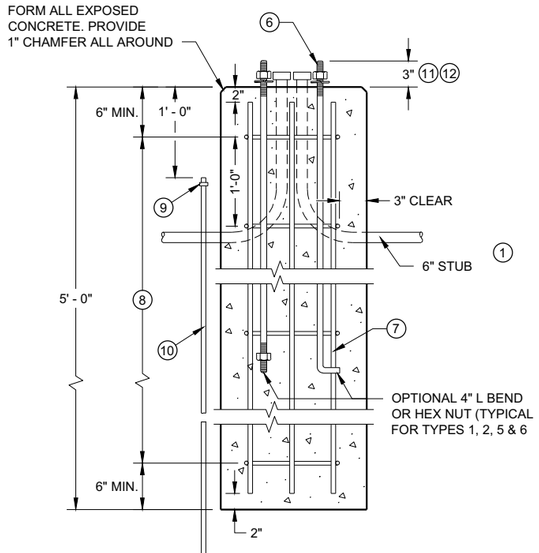
HALF SECTION IN PAVEMENT
(TYPICAL FOR TYPES 1, 2, 5 & 6)



TYPE 1



TYPE 2



TYPE 5 & 6

CONCRETE BASES

CONCRETE BASES
TYPES 1, 2, 5, & 6

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2019
DATE

/S/ Ahmet Demirbilek
STATE ELECTRICAL ENGI 691

FHWA

6

SDD 09C02 - 09

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

FOUR (4) BOLTS SHALL BE FURNISHED WITH EACH TRANSFORMER BASE. BOLTS SHALL BE 1" DIAMETER, 4" IN LENGTH, WITH WASHERS, LOCK WASHERS AND NUTS. BOLTS, NUTS AND WASHERS SHALL BE MANUFACTURED IN ACCORDANCE WITH SECTION 531.2.2 OF THE STANDARD SPECIFICATIONS.

LEVELING SHIMS, IF NEEDED, SHALL BE DESIGNED FOR THE PURPOSE AND USED UNDER CAST BASES WHEN PLUMBING POLES OR STANDARDS DURING INSTALLATION. THE USE OF WASHERS IN LIEU OF PROPER LEVELING SHIMS IS NOT ACCEPTABLE.

SHIM LENGTH SHALL BE LONG ENOUGH TO COMPLETELY COVER THE AREA UNDER THE LENGTH AND WIDTH OF THE BASE MOUNTING FLANGE.

DOUBLE NUTTING IS NOT ACCEPTABLE FOR LEVELING OR MOUNTING PURPOSES.

A NEMA APPROVED, U.L. LISTED, COPPER WITH BRASS OR STAINLESS STEEL SET SCREW, DIRECT BURY RATED, MECHANICAL CONNECTOR (LUG), SIZED TO ACCEPT AWG. #10 TO #4 COPPER STRANDED WIRE SHALL BE FURNISHED AND INSTALLED IN THE PEDESTAL AND TRANSFORMER BASES.

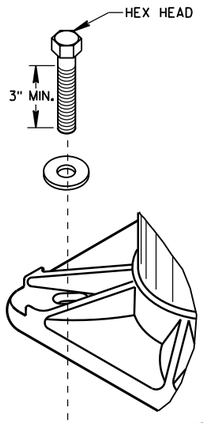
THE MECHANICAL CONNECTOR SHALL BE INSTALLED USING A 1/4" - 20 (TPI) STAINLESS STEEL HEX HEAD BOLT OF SUFFICIENT LENGTH TO FIRMLY ATTACH THE LUG TO THE BASE.

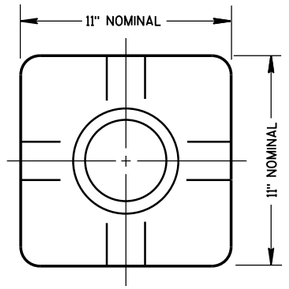
SHOULD THE MANNER OF ATTACHMENT OF THE LUG REQUIRE WASHERS, HEX NUTS, LOCK WASHER - THEY SHALL BE STAINLESS STEEL AS IS THE BOLT. THE MANNER OF ATTACHMENT SHALL NOT BLOCK ACCESSIBILITY TO WIRE PLACEMENT IN THE CONNECTOR.

PEDESTAL BASE COLLAR THREADING SHALL BE TAPERED AND IN ACCORDANCE WITH NATIONAL PIPE THREADING DIMENSIONS.

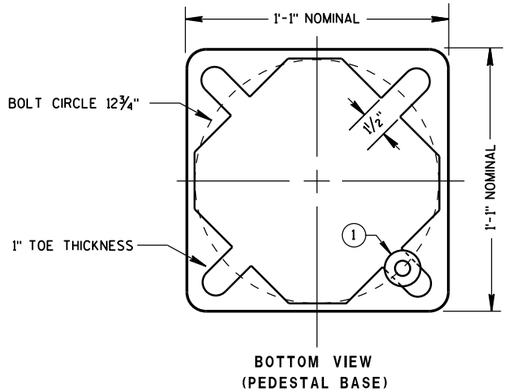
BASE COLLAR THREADING SHALL EXTEND INTO THE BASE COLLAR WITH SUFFICIENT DEPTH TO ACCEPT THE INSTALLATION OF TRAFFIC SIGNAL STANDARDS TO A DEPTH OF 1 1/2", THEN TIGHTENING TO A POINT OF BEING IMMOVABLE.

THE ACCESS DOOR SHALL BE OF THE SAME MATERIAL AS THE BASE.

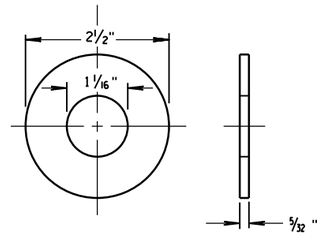




TOP VIEW
(PEDESTAL BASE)

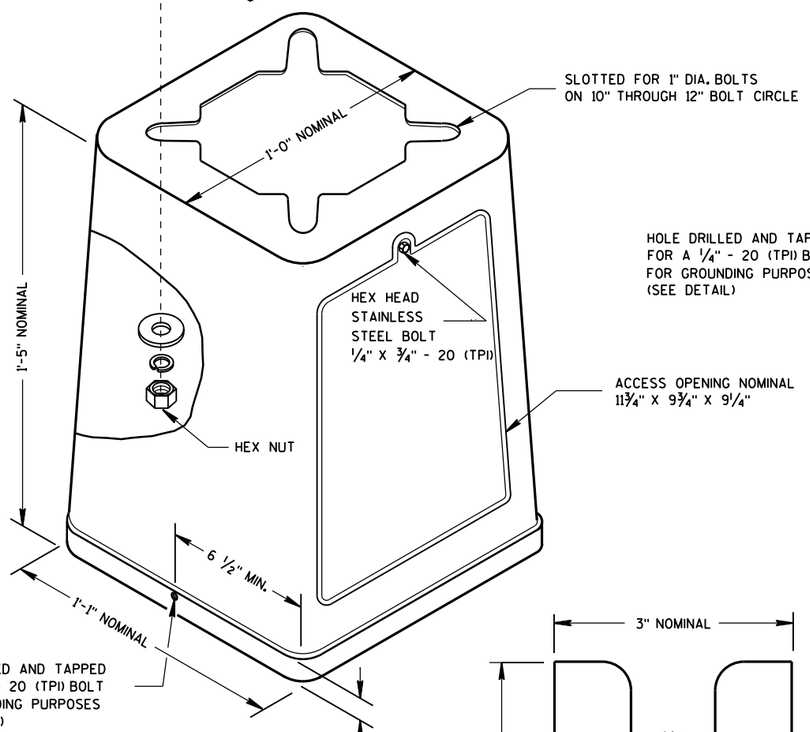


BOTTOM VIEW
(PEDESTAL BASE)

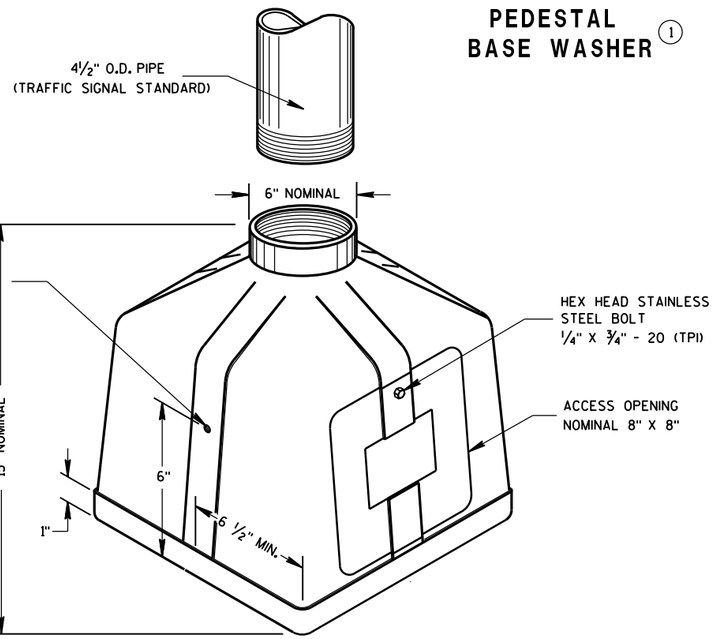


ZINC COATED STEEL WASHER
TO BE PROVIDED BY THE CONTRACTOR

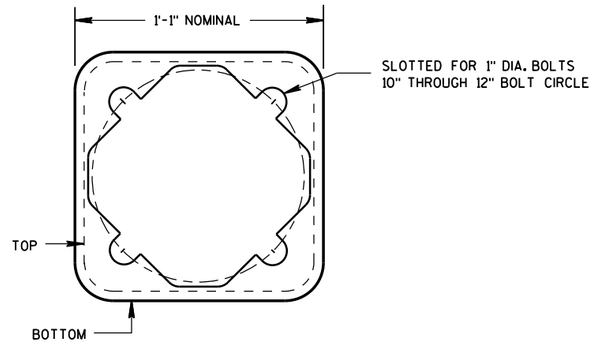
PEDESTAL BASE WASHER (1)



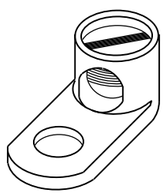
ISOMETRIC VIEW



ISOMETRIC VIEW
PEDESTAL BASE



BOTTOM VIEW
(TRANSFORMER BASE)

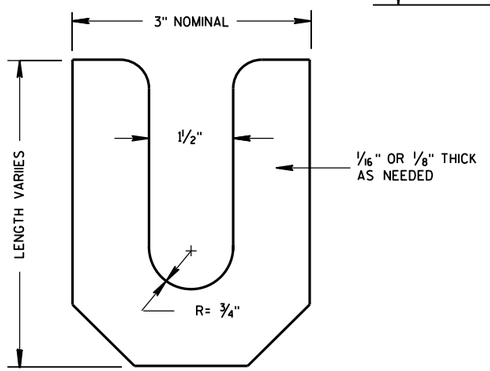


TYPICAL MECHANICAL CONNECTOR LUG

TO BE FURNISHED WITH EACH BASE

TRANSFORMER BASE

INTENDED FOR USE WITH TYPE 2, 3, 4, 5 & 6 POLES



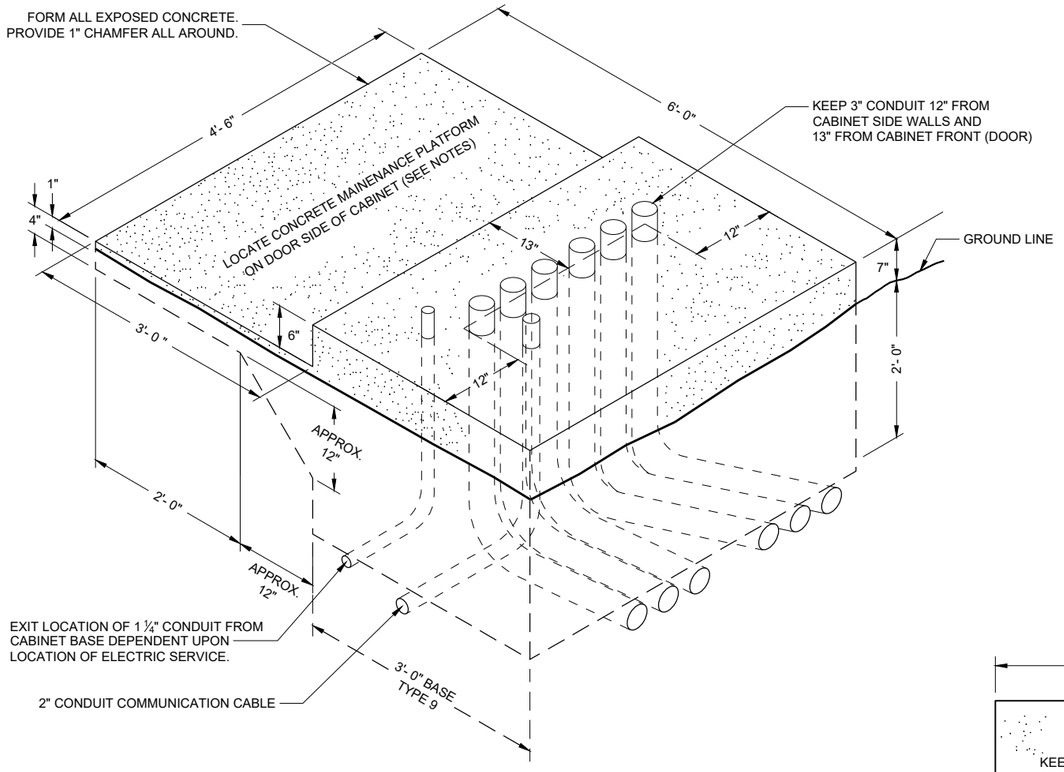
LEVELING SHIM

TRANSFORMER/PEDESTAL BASES	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVED Sept. 2014 DATE	/S/ Ahmet Demirbilek STATE ELECTRICAL
FHWA	692

S.D.D. 9 C 3-4

S.D.D. 9 C 3-4

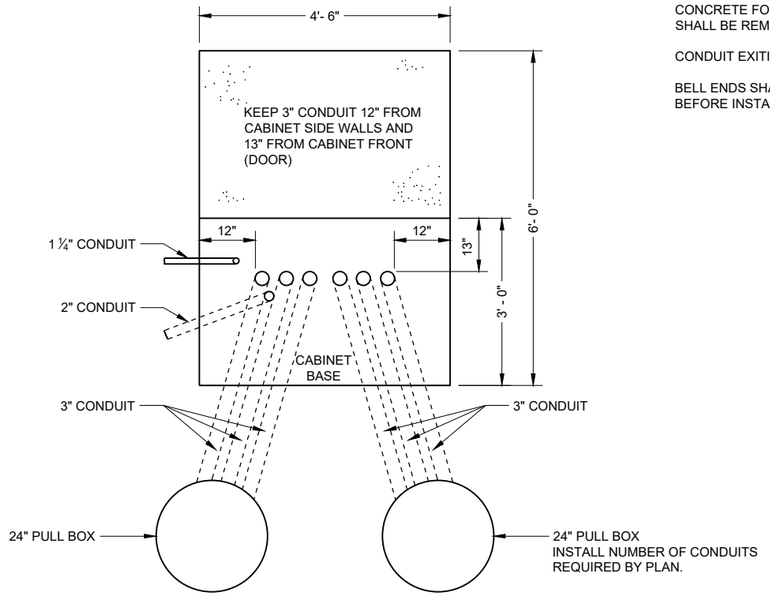
SDD 09C06 Concrete Control Cabinet Base, Type 9, Special



ISOMETRIC VIEW

TYPE 9 SPECIAL

(C.Y. CONCRETE = APPROX. 1.56)



PLAN VIEW

CONCRETE CONTROL CABINET BASE, TYPE 9 SPECIAL

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

INSTALL FOUR INCH MINIMUM DIAMETER X 4 INCH MINIMUM LENGTH STAINLESS STEEL APPROVED CONCRETE MASONRY ANCHORS WITH A PULLOUT STRENGTH OF 9,000 LBS. TO ANCHOR THE CABINET TO TYPE 6, 7, 8, AND 9 BASES. THE ANCHOR STUDS SHALL BE LOCATED AS DIRECTED BY THE ENGINEER TO PROPERLY ANCHOR THE CONTROL CABINET TO THE BASE.

WHEN REQUIRED TO CONNECT NON - METALLIC CONDUIT TO METALLIC CONDUIT, ONLY ADAPTER FITTINGS, U. L. LISTED FOR ELECTRICAL USE, SHALL BE USED.

CONDUIT HEIGHT ABOVE THE CONCRETE BASE SHALL BE 1 INCH.

DEPTH OF CONDUIT INSTALLED BELOW THE TRAVELED WAY SHALL BE 24 INCHES MINIMUM AND 36 INCHES MAXIMUM.

DEPTH OF CONDUIT INSTALLED THAT IS NOT BELOW THE TRAVELED WAY SHALL BE 18 INCHES MINIMUM AND 36 INCHES MAXIMUM.

ANY EXCEPTION TO THE MAXIMUM DEPTH SHALL BE ONLY WITH THE WRITTEN APPROVAL OF THE ENGINEER.

CONTROL CABINET BASE TOP SURFACE SHALL BE TROWEL FINISHED SMOOTH AND LEVEL.

MAINTENANCE PLATFORM SHALL BE FLOAT OR BROOM FINISHED AND LEVEL.

MAINTENANCE PLATFORMS ARE NOT REQUIRED WHEN THE SURROUNDING AREA IS PAVED.

MINIMUM BENDING RADIUS OF CONDUIT EQUALS 6 TIMES THE DIAMETER.

ALL METALLIC CONDUIT ENDS SHALL BE REAMED AND THREADED.

CAP ALL BELOW GRADE METALLIC CONDUIT ENDS IN WHICH WIRE OR CABLE IS NOT BEING INSTALLED.

PLUG ALL BELOW GRADE NON - METALLIC CONDUIT ENDS IN WHICH WIRE OR CABLE IS NOT BEING INSTALLED.

ALL CONDUIT ENDS AT THE TOP OF CONCRETE BASES SHALL BE CAPPED IF METALLIC OR PLUGGED IF NON - METALLIC IMMEDIATELY AFTER PLACEMENT AND BEFORE CONCRETE IS POURED. CONDUITS IN WHICH WIRE OR CABLE IS NOT BEING INSTALLED SHALL REMAIN CAPPED OR PLUGGED.

CONCRETE FORM DEPTH BELOW FINISHED GRADE SHALL BE 6 INCHES MAXIMUM. CONCRETE FORMS SHALL BE REMOVED AFTER CONCRETE HAS SET.

CONDUIT EXITING THE CONCRETE BASE (SIX 3") SHALL TERMINATE IN PULL BOXES AS SHOWN ON THE PLANS.

BELL ENDS SHALL BE INSTALLED ON ALL PVC CONDUIT EXPOSED AT THE TOP OF THE CONCRETE BASE BEFORE INSTALLATION OF CABLE OR WIRE.

CONCRETE CONTROL CABINET BASE TYPE 9, SPECIAL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
September 2014
DATE

/S/ Ahmet Demerbilek
STATE ELECTRICAL ENGI 693

FHWA

6
SDD 09C06 - 07

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

BASES (SHAFT) SHALL BE EXCAVATED BY THE USE OF A CIRCULAR AUGER. IF BASE REQUIRES A DEEP FORM BECAUSE OF LOOSE SOIL, THE FORM SHALL BE REMOVED BEFORE BACKFILLING. A STEEL CASING OR CORRUGATED METAL PIPE IS ALLOWED TO REMAIN. BACKFILL SHALL BE TAMPED TIGHT AGAINST THE BASE IN LAYERS OF ONE FOOT OR LESS.

TOP SURFACE OF THE CONCRETE BASE SHALL BE TROWEL FINISHED AND LEVEL.

ANCHOR RODS SHALL BE INSTALLED WITH MISALIGNMENTS OF LESS THAN 1:40 FROM VERTICAL.

BAR STEEL REINFORCEMENT SHALL BE COATED WITH POWDERED EPOXY RESIN IN ACCORDANCE WITH SECTION 505 OF THE STANDARD SPECIFICATIONS (LATEST EDITION).

WELDING OF ANCHOR RODS TO THE CAGE IS UNACCEPTABLE. TEMPLATES SHALL BE USED.

CONDUIT SIZES AND LOCATIONS SHALL BE SHOWN ON THE PLANS.

MINIMUM BENDING RADIUS OF CONDUIT IS EQUAL TO 6 TIMES THE DIAMETER.

CONDUIT HEIGHT ABOVE CONCRETE BASES SHALL BE 4" INCHES. ALL METALLIC CONDUIT ENDS SHALL BE REAMED AND THREADED. NON-METALLIC CONDUIT SHALL HAVE BELL ENDS INSTALLED. ALL CONDUIT SHALL SLOPE TO PULL BOX.

ALL CONDUIT ENDS AT THE TOP OF CONCRETE BASES SHALL BE CAPPED IF METALLIC OR PLUGGED IF NON-METALLIC IMMEDIATELY AFTER PLACEMENT AND BEFORE CONCRETE IS POURED. CONDUITS IN WHICH WIRE OR CABLE IS NOT INSTALLED SHALL REMAIN CAPPED OR PLUGGED.

BELL ENDS SHALL BE INSTALLED ON ALL PVC CONDUIT EXPOSED AT THE TOP OF CONCRETE BASES BEFORE INSTALLATION OF CABLE OR WIRE.

WHEN REQUIRED TO CONNECT NON-METALLIC CONDUIT TO METALLIC CONDUIT, ONLY ADAPTER FITTINGS, U.L. LISTED FOR ELECTRICAL USE, SHALL BE USED.

ENDS OF CONDUIT INSTALLED BELOW GRADE FOR FUTURE USE SHALL BE CAPPED IF METALLIC OR PLUGGED IF NONMETALLIC.

A NO. 4 AWG STRANDED COPPER EQUIPMENT GROUNDING CONDUCTOR SHALL BE EXOTHERMICALLY WELDED TO THE EQUIPMENT GROUNDING ELECTRODE (GROUND ROD).

THE EQUIPMENT GROUNDING CONDUCTOR SHALL BE FURNISHED AND INSTALLED TO ENTER THE BASE THROUGH A 1 INCH CONDUIT INSTALLED FOR GROUNDING PURPOSES, LEAVING A 4 FOOT COIL OF WIRE ABOVE THE CONCRETE BASE. THE EQUIPMENT GROUNDING CONDUCTOR SHALL BE NEATLY COILED AND THE COILS TIED TOGETHER.

THE FINAL OR TERMINATING CONCRETE BASE IN A CONDUIT RUN SHALL HAVE A 6" EXIT STUB INSTALLED FOR FUTURE CABLING USE. THE EXIT STUB SHALL BE SIZED AS USED THROUGHOUT THE CONDUIT RUN AS SHOWN A THE ENTRANCE OF THE BASE.

(1) THE MINIMUM DEPTH OF CONDUIT EXITING THE CONCRETE BASE AND INSTALLED BELOW THE TRAVELED WAY SHALL BE 24 INCHES. THE MINIMUM DEPTH OF CONDUIT EXITING THE CONCRETE BASE THAT IS NOT INSTALLED BELOW THE TRAVELED WAY SHALL BE 18 INCHES. THE MAXIMUM DEPTH OF ALL CONDUIT SHALL BE 36 INCHES (GREATER THAN 36 INCHES IF INSTALLED IN BREAKER RUN) EXCEPT WITH WRITTEN APPROVAL OF THE ENGINEER.

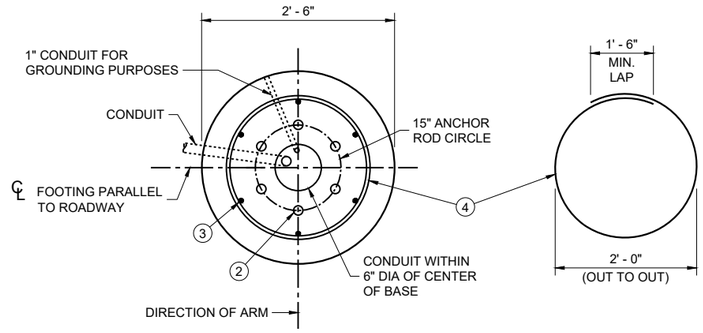
(2) (6) 1 ½ DIA. X 4' - 4" ANCHOR RODS

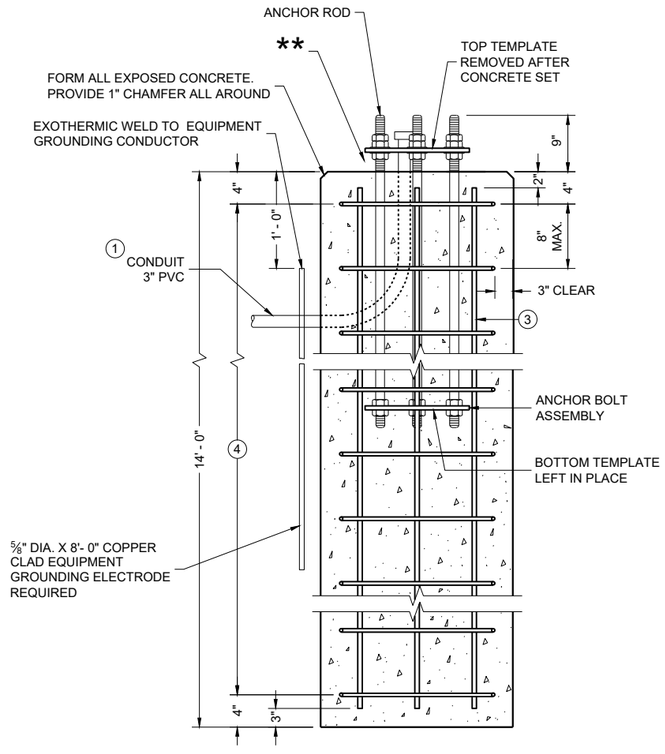
(3) (6) NO. 6 X 13' - 7" BAR STEEL REINFORCEMENT.

(4) (21) NO. 5 X 7'-10" BAR STEEL REINFORCEMENT @ 8" MAX. C-C.

CONCRETE MASONRY.....fc = 3,500 p.s.i
HIGH STRENGTH BAR STEEL REINFORCEMENT, GRADE 60.....fy = 60,000 p.s.i.
ANCHOR RODS, ASTM F1554 GRADE 55 (IN ACCORDANCE WITH SECTION 531.2.2 OF THE STANDARD SPECIFICATION).....fy = 55,000 p.s.i.
TEMPLATES, ASTM A709, GRADE 36.....fy = 36,000 p.s.i.

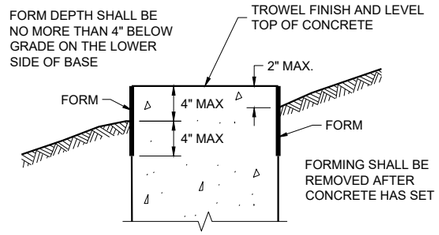
QUANTITY REQUIREMENTS	
APPROX. CUBIC YARDS OF CONCRETE	2.5
LBS. OF HOOP BAR STEEL	172
LBS. OF VERTICAL BAR STEEL	122



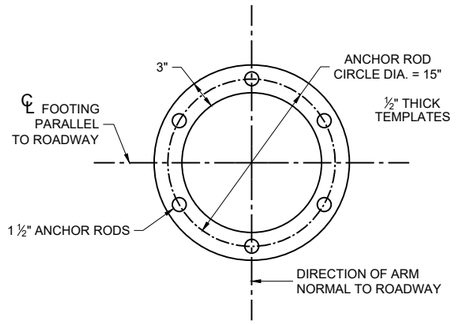


CONCRETE BASE, TYPE 10 SPECIAL OVER HEIGHT (FOR OVER HEIGHT TYPE 9 & OVER HEIGHT TYPE 10 SPECIAL POLES ONLY)

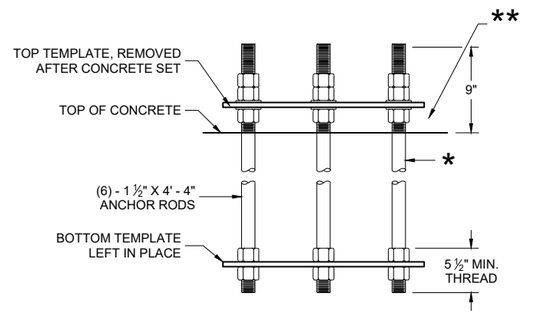
TO BE USED WHEN GROUND ELEVATION AT BASE EQUALS OR IS GREATER THAN HIGH POINT OF ROADWAY ELEVATION. SEE SDD 9C13 WHEN GROUND ELEVATION AT BASE IS LOWER THAN HIGH POINT OF ROADWAY ELEVATION.



FORMING DETAIL



TOP AND BOTTOM TEMPLATE



ANCHOR ROD ASSEMBLY DETAILS

* THREAD TOP 10" OF ANCHOR ROD FOR 3 NUTS AND 2 WASHERS AND BOTTOM 5 ½" FOR 2 NUTS PER ANCHOR ROD. HOT DIP GALVANIZE THE ENTIRE LENGTH OF THE ANCHOR ROD (ASTM A123) AND HOT DIP NUTS AND WASHERS (ASTM A153. USE ZINC COATED NUTS MANUFACTURED WITH SUFFICIENT ALLOWANCE TO ALLOW NUTS TO RUN FREELY ON THE THREADS.

** RODENT PROTECTION REQUIRED

CONCRETE BASE TYPE 10

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2025 — DATE
/S/ Ahmet Demerbilek — WIND LOADED STRUCTURES PROGRAM LEADER
FHWA

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SDD 09C11-11

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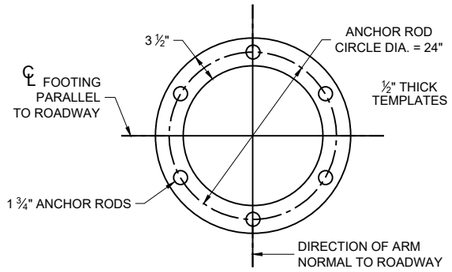
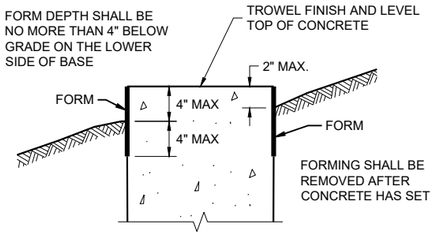
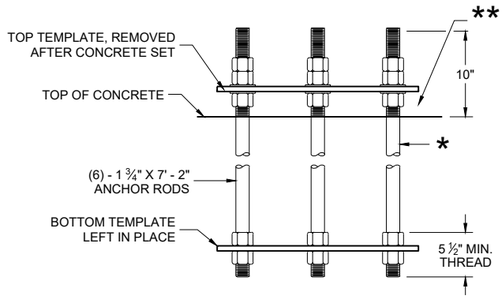
SDD 09C11-11



TOP AND BOTTOM TEMPLATE



FORMING DETAIL



ANCHOR ROD ASSEMBLY DETAILS

* THREAD TOP 11" OF ANCHOR ROD FOR 3 NUTS AND 2 WASHERS AND BOTTOM 5 ½" FOR 2 NUTS PER ANCHOR ROD. HOT DIP GALVANIZE THE ENTIRE LENGTH OF THE ANCHOR ROD (ASTM A123) AND HOT DIP NUTS AND WASHERS (ASTM A153. USE ZINC COATED NUTS MANUFACTURED WITH SUFFICIENT ALLOWANCE TO ALLOW NUTS TO RUN FREELY ON THE THREADS.

** RODENT PROTECTION REQUIRED

CONCRETE BASE TYPE 13

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

November 2025
DATE

/S/ Ahmet Demirbilek
STATE ELECTRICAL ENGINEER

FHWA

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SDD 09C12-10b

SDD 09C12-10b

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

THE CONTRACTOR IS RESPONSIBLE FOR MAKING THEIR OWN DETERMINATION AS TO THE TYPE AND LOCATION OF UNDERGROUND UTILITIES AS MAY BE NECESSARY TO AVOID DAMAGE THERETO.

BASES (SHAFT) SHALL BE EXCAVATED BY THE USE OF A CIRCULAR AUGER. IF BASE REQUIRES A DEEP FORM BECAUSE OF LOOSE SOIL, THE FORM SHALL BE REMOVED BEFORE BACKFILLING. A STEEL CASING OR CORRUGATED METAL PIPE IS ALLOWED TO REMAIN. BACKFILL SHALL BE TAMPED TIGHT AGAINST THE BASE IN LAYERS OF ONE FOOT OR LESS.

TOP SURFACE OF THE CONCRETE BASE SHALL BE TROWEL FINISHED AND LEVEL.

ANY DAMAGE TO THE CONCRETE BASE AND ANCHOR RODS DURING CONSTRUCTION OPERATIONS SHALL BE REPAIRED AT THE ENGINEER'S DIRECTION, AT THE EXPENSE OF THE CONTRACTOR.

THE REINFORCEMENT AND ANCHOR RODS SHALL BE ADEQUATELY SUPPORTED IN THE PROPER POSITIONS SO NO MOVEMENT OCCURS DURING CONCRETE PLACEMENT.

ORIENT ANCHOR RODS IN FOOTING AND PROVIDE ANCHOR RODS STICK OUT ABOVE TOP OF CONCRETE FOOTING BASE PER THIS SHEET.

ANCHOR RODS SHALL BE INSTALLED WITH MISALIGNMENTS OF LESS THAN 1:40 FROM VERTICAL.

BAR STEEL REINFORCEMENT SHALL BE COATED WITH POWDERED EPOXY RESIN IN ACCORDANCE WITH SECTION 505 OF THE STANDARD SPECIFICATIONS (LATEST EDITION).

BENDING DIMENSIONS FOR REINFORCING BARS ARE OUT TO OUT.

WELDING OF ANCHOR RODS TO THE CAGE IS UNACCEPTABLE. TEMPLATES SHALL BE USED.

USE 3" CLEAR FOR ALL REINFORCEMENT UNLESS NOTED OTHERWISE.

FORM ALL EXPOSED CONCRETE CORNERS WITH 1" CHAMFER ALL AROUND. TOP OF THE CONCRETE BASE SHALL BE TROWEL FINISHED AND LEVEL.

CONDUIT SIZES AND LOCATIONS SHALL BE SHOWN ON THE PLANS.

MINIMUM BENDING RADIUS OF CONDUIT IS EQUAL TO 6 TIMES THE DIAMETER.

CONDUIT HEIGHT ABOVE CONCRETE BASES SHALL BE 4 ½" INCHES. ALL METALLIC CONDUIT ENDS SHALL BE REAMED AND THREADED. NON-METALLIC CONDUIT SHALL HAVE BELL ENDS INSTALLED. ALL CONDUIT SHALL SLOPE TO PULL BOX.

ALL CONDUIT ENDS AT THE TOP OF CONCRETE BASES SHALL BE CAPPED IF METALLIC OR PLUGGED IF NON-METALLIC IMMEDIATELY AFTER PLACEMENT AND BEFORE CONCRETE IS POURED. CONDUITS IN WHICH WIRE OR CABLE IS NOT INSTALLED SHALL REMAIN CAPPED OR PLUGGED.

BELL ENDS SHALL BE INSTALLED ON ALL PVC CONDUIT EXPOSED AT THE TOP OF CONCRETE BASES BEFORE INSTALLATION OF CABLE OR WIRE.

WHEN REQUIRED TO CONNECT NON-METALLIC CONDUIT TO METALLIC CONDUIT, ONLY ADAPTER FITTINGS, U.L. LISTED FOR ELECTRICAL USE, SHALL BE USED.

A NO. 4 AWG STRANDED COPPER EQUIPMENT GROUNDING CONDUCTOR SHALL BE EXOTHERMICALLY WELDED TO THE EQUIPMENT GROUNDING ELECTRODE (GROUND ROD).

THE EQUIPMENT GROUNDING CONDUCTOR SHALL BE FURNISHED AND INSTALLED TO ENTER THE BASE THROUGH A 1 INCH CONDUIT INSTALLED FOR GROUNDING PURPOSES, LEAVING A 4 FOOT COIL OF WIRE ABOVE THE CONCRETE BASE. THE EQUIPMENT GROUNDING CONDUCTOR SHALL BE NEATLY COILED AND THE COILS TIED TOGETHER.

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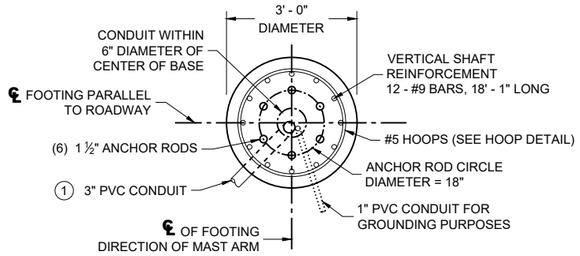
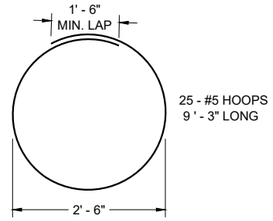
(1) THE MINIMUM DEPTH OF CONDUIT EXITING THE CONCRETE BASE AND INSTALLED BELOW THE TRAVELED WAY SHALL BE 24 INCHES. THE MINIMUM DEPTH OF CONDUIT EXITING THE CONCRETE BASE THAT IS NOT INSTALLED BELOW THE TRAVELED WAY SHALL BE 18 INCHES. THE MAXIMUM DEPTH OF ALL CONDUIT SHALL BE 36 INCHES (GREATER THAN 36 INCHES IF INSTALLED IN BREAKER RUN) EXCEPT WITH WRITTEN APPROVAL OF THE ENGINEER.

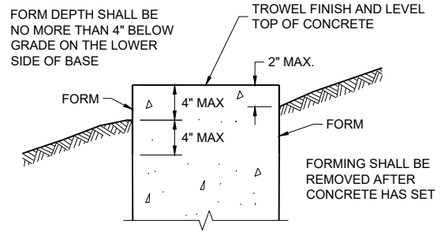
CONCRETE MASONRY.....fc = 3,500 p.s.i
HIGH STRENGTH BAR STEEL REINFORCEMENT, GRADE 60.....fy = 60,000 p.s.i.
ANCHOR RODS, ASTM F1554 GRADE 55.....fy = 55,000 p.s.i.
(IN ACCORDANCE WITH SECTION 531.2.2 OF THE STANDARD SPECIFICATION)
TEMPLATES, ASTM A709, GRADE 36.....fy = 36,000 p.s.i.



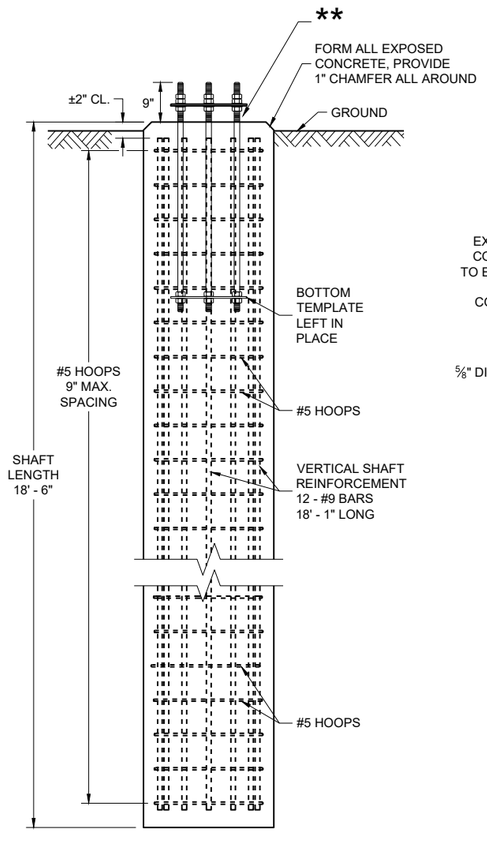
PLAN VIEW



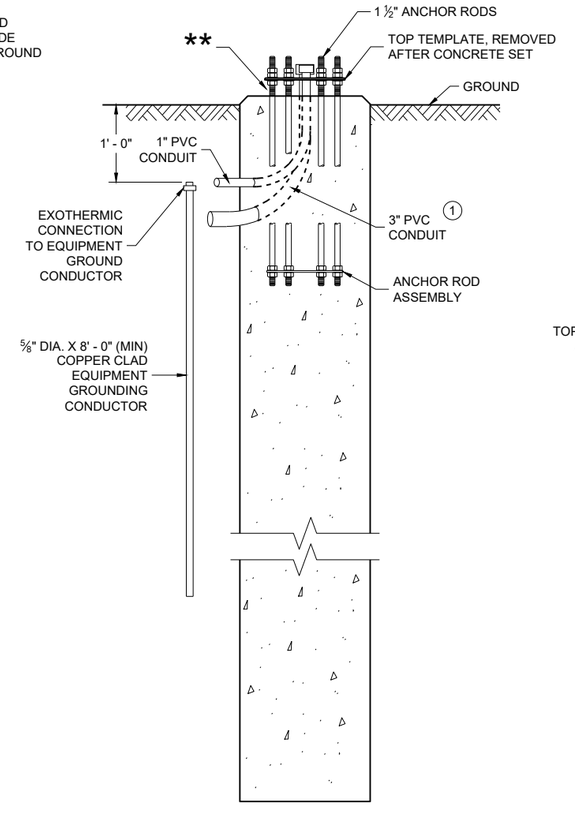
HOOP DETAIL



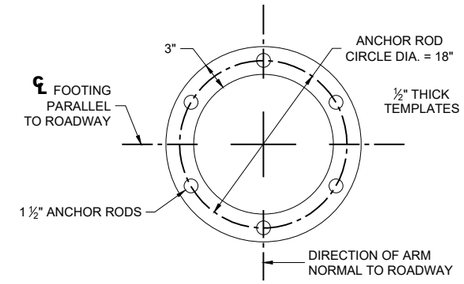
FORMING DETAIL



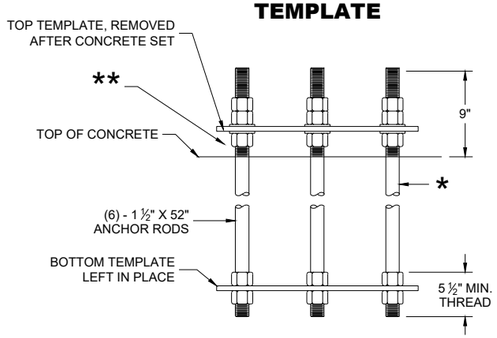
ELEVATION VIEW
(CONDUITS NOT SHOWN ON THIS VIEW FOR CLARITY)



SIDE VIEW
(HOOPS AND VERTICAL SHAFT REINFORCEMENT NOT SHOWN ON THIS VIEW FOR CLARITY)



TOP AND BOTTOM TEMPLATE



ANCHOR ROD ASSEMBLY DETAILS

* THREAD TOP 10" OF ANCHOR ROD FOR 3 NUTS AND 2 WASHERS AND BOTTOM 5 ½" FOR 2 NUTS PER ANCHOR ROD. HOT DIP GALVANIZE THE ENTIRE LENGTH OF THE ANCHOR ROD (ASTM A123) AND HOT DIP NUTS AND WASHERS (ASTM A153. USE ZINC COATED NUTS MANUFACTURED WITH SUFFICIENT ALLOWANCE TO ALLOW NUTS TO RUN FREELY ON THE THREADS.

** RODENT PROTECTION REQUIRED

CONCRETE BASE, TYPE 10 SPECIAL
(FOR TYPE 9 SPECIAL AND TYPE 10 SPECIAL POLES AND OVER HEIGHT (OH) POLES)

CONCRETE = 4.8 CUBIC YARD
H.S. REINFORCEMENT = 979 LBS.

FOR USE WHEN GROUND ELEVATION AT BASE EQUALS OR IS GREATER THAN HIGH POINT OF ROADWAY ELEVATION.

CONCRETE BASE TYPE 10 SPECIAL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2025 — DATE
/S/ Alex Crabtree — WIND LOADED STRUCTURES PROGRAM LEADER

FHWA

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SDD 09C15-03

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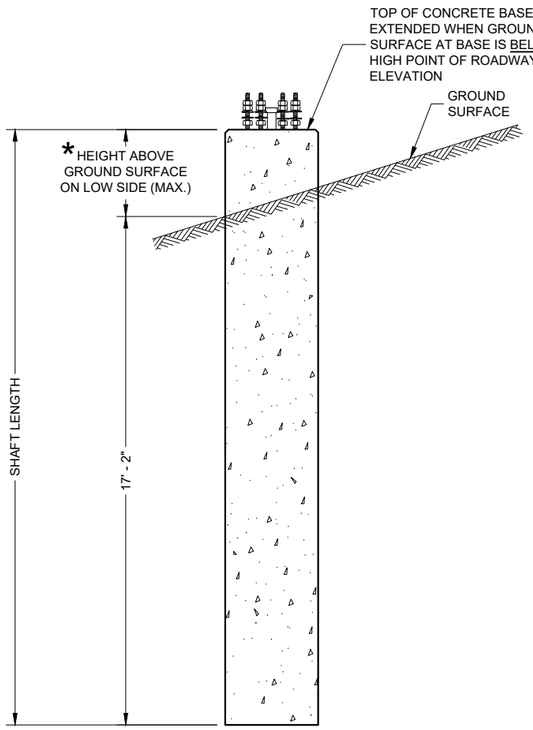
SDD 09C15-03

REINFORCEMENT AND CONCRETE QUANTITIES
ADJUSTED FOR EXTENDED TYPE 10 SPECIAL CONCRETE BASE

HEIGHT INCREASE REQUIRED	*HEIGHT ABOVE GROUND SURFACE ON LOW SIDE (MAX.)	SHAFT LENGTH	LENGTH OF #8 VERTICAL REINF.	NO. OF #5 HOOPS	CU. YD. OF CONCRETE	LBS. OF HOOP BAR STEEL	LBS. OF VERTICAL STEEL
>0" TO 6"	10"	18' - 0"	17' - 7"	25	4.7	241	563
>6" TO 1' - 0"	1' - 4"	18' - 6"	18' - 1"	25	4.8	241	579
>1' - 0" TO 1' - 6"	1' - 10"	19' - 0"	18' - 7"	26	5.0	251	595
>1' - 6" TO 2 - 0"	2' - 4"	19' - 6"	19' - 1"	27	5.1	260	611



CONCRETE BASE TYPE 10 SPECIAL (EXTENDED)

CONCRETE BASE TYPE 10 SPECIAL EXTENSION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
February 2023
DATE

/S/ Ahmet Demirbilek
STATE ELECTRICAL ENGI 697

FHWA

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SDD 09C16-01

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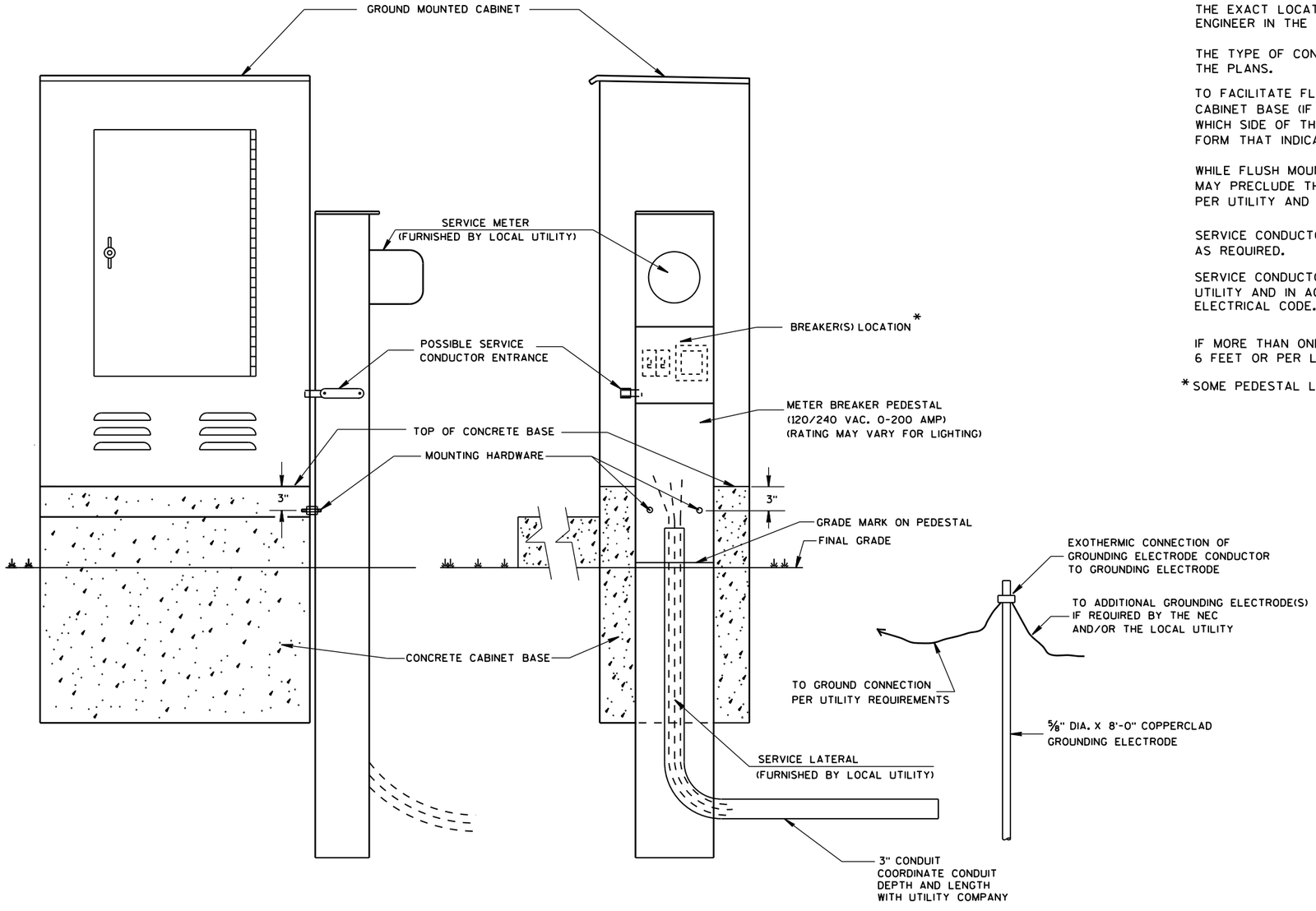
SDD 09C16-01



TYPICAL CABINET SERVICE INSTALLATION

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

THE EXACT LOCATION OF THE METER BREAKER PEDESTAL SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD.

THE TYPE OF CONCRETE CABINET BASE TO BE INSTALLED SHALL BE AS CALLED FOR IN THE PLANS.

TO FACILITATE FLUSH MOUNTING OF THE METER BREAKER PEDESTAL AGAINST THE SIDE OF THE CABINET BASE (IF FLUSH MOUNTING POSSIBLE. CONFER WITH THE LOCAL UTILITY TO DETERMINE WHICH SIDE OF THE CONCRETE BASE THE ELECTRICAL SERVICE LATERAL WILL APPROACH. THEN FORM THAT INDICATED SIDE FOR FULL SIDE DEPTH.

WHILE FLUSH MOUNTING IS THE MOST DESIRABLE MOUNTING CONFIGURATION UTILITY REQUIREMENTS MAY PRECLUDE THIS OPTION. CONTRACTOR MUST PROVIDE UTILITY APPROVED PEDESTAL AND INSTALL PER UTILITY AND MANUFACTURERS REQUIREMENTS.

SERVICE CONDUCTOR ENTRANCES SHALL BE RIGID METALLIC CONDUIT, NIPPLES AND/OR CONDULETS AS REQUIRED.

SERVICE CONDUCTOR ENTRANCES SHALL BE SIZED AND LOCATED AS REQUIRED BY THE LOCAL UTILITY AND IN ACCORDANCE WITH APPROPRIATE ARTICLES OF THE LATEST ACCEPTED NATIONAL ELECTRICAL CODE.

IF MORE THAN ONE GROUNDING ELECTRODE IS REQUIRED, THE DISTANCE APART SHALL BE 6 FEET OR PER LOCAL UTILITY REGULATIONS.

* SOME PEDESTAL LIGHTING PLANS SHOW MAIN LUGS ONLY.

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S.D.D. 9 D 1-5

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S.D.D. 9 D 1-5

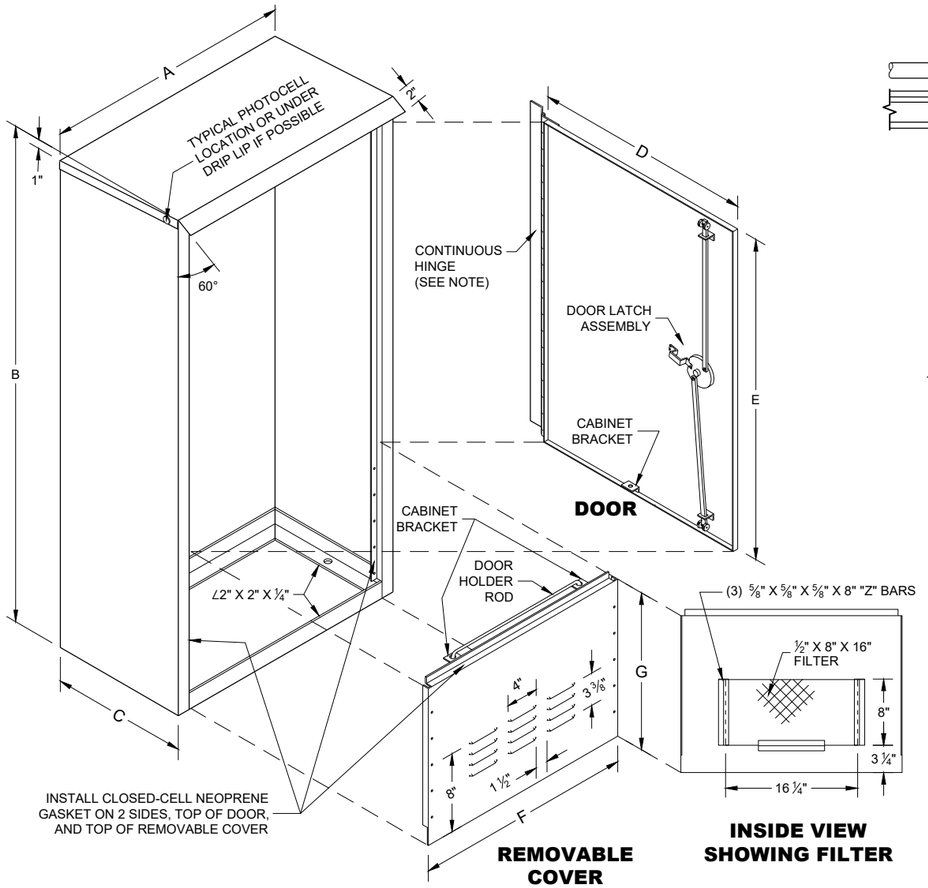
CABINET SERVICE INSTALLATION (METER BREAKER PEDESTAL)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
Sept. 2014
DATE

/S/ Ahmet Demirbilek
STATE ELECTRICAL

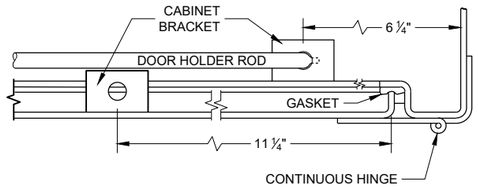
FHWA



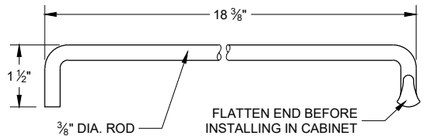
DOOR

REMOVABLE COVER

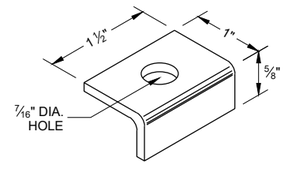
INSIDE VIEW SHOWING FILTER



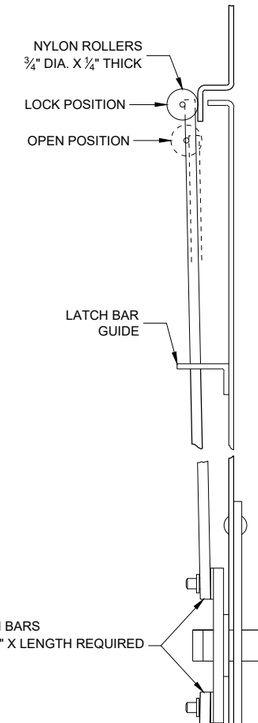
HINGE AND DOOR HOLDER



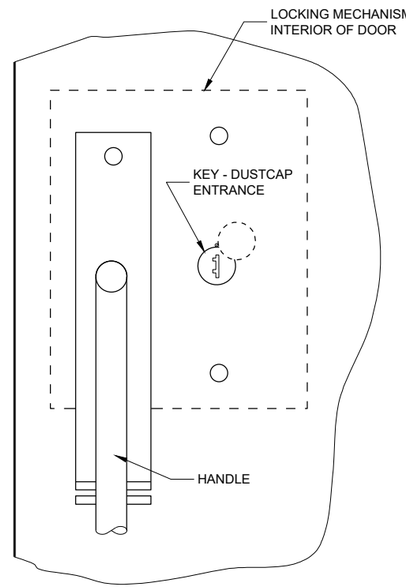
HOLDER ROD



CABINET BRACKET



SIDE VIEW



FRONT VIEW

LATCH ASSEMBLY

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

PRIME WITH PHOSPHATE TREATMENT AND PRIMER.

FINISH EXTERIOR SURFACES WITH RUSTOLEUM #906 SILVER GRAY OR APPROVED EQUAL.

FINISH INTERIOR WITH RUSTOLEUM #2766 HIGH GLOSS WHITE ENAMEL OR APPROVED EQUAL.

ALL SHEET METAL PARTS SHALL BE .125 INCH THICK ALUMINUM.

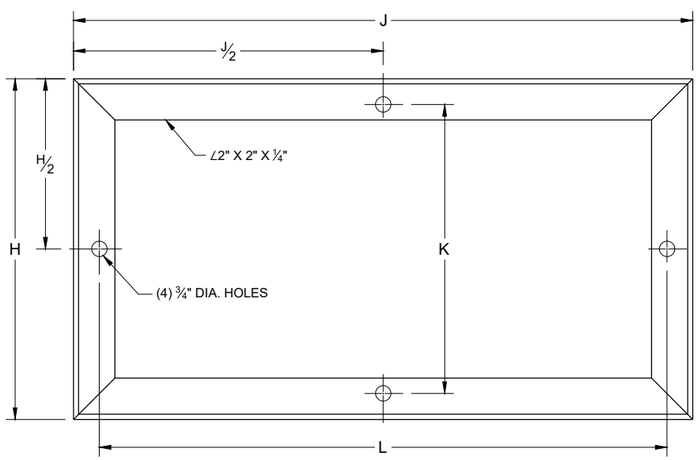
ALL SEAMS SHALL BE CONTINUOUSLY WELDED.

ALUMINUM SHALL BE TYPE 5052-H32.

CONTINUOUS HINGE SHALL BE HEAVY GAUGE ALUMINUM WITH ¼" DIAMETER STAINLESS STEEL HINGE PIN. HINGE IS SECURED WITH ¼" X 20 TPI STAINLESS STEEL CARRIAGE BOLTS AND STAINLESS STEEL NYLOCK NUTS.

A SINGLE PHOTOCELL SHALL BE LOCATED ON THE NORTH - NORTHEAST SIDE OF THE CABINET UNLESS OTHERWISE CALLED FOR IN THE SPECIAL PROVISIONS. THE PHOTOCELL SHALL BE PLACED AS SHOWN AND SHALL BE LISTED ON THE DEPARTMENTS APPROVED PRODUCTS LIST.

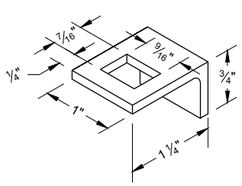
DOOR LATCH ASSEMBLY TO BE PROVIDED WITH THREE-POINT LOCKING MECHANISM.



MOUNTING BASE

TABLE OF DIMENSIONS (INCHES)

MARK	CABINET TYPE		
	3060	3860	3866
A	30	38	38
B	60	60	66
C	16 ½	16 ½	24
D	26 ½	34 ¾	33 ¾
E	38 ¾	38 ¾	38 ¾
F	26 ½	34 ¾	33 ¾
G	19	19	25
H	16 ½	16 ½	24
H/2	8 ¼	8 ¼	12
J	30	38	38
J/2	15	19	19
K	13 ¾	13 ¾	21 ¼
L	27 ½	35 ½	35 ½



LATCH BAR GUIDE

SIGNAL CONTROL CABINET

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
September 2014
DATE

/S/ Ahmet Demerbilek
STATE ELECTRICAL ENGI 699

FHWA

SDD 09D02 - 03

SDD 09D02 - 03

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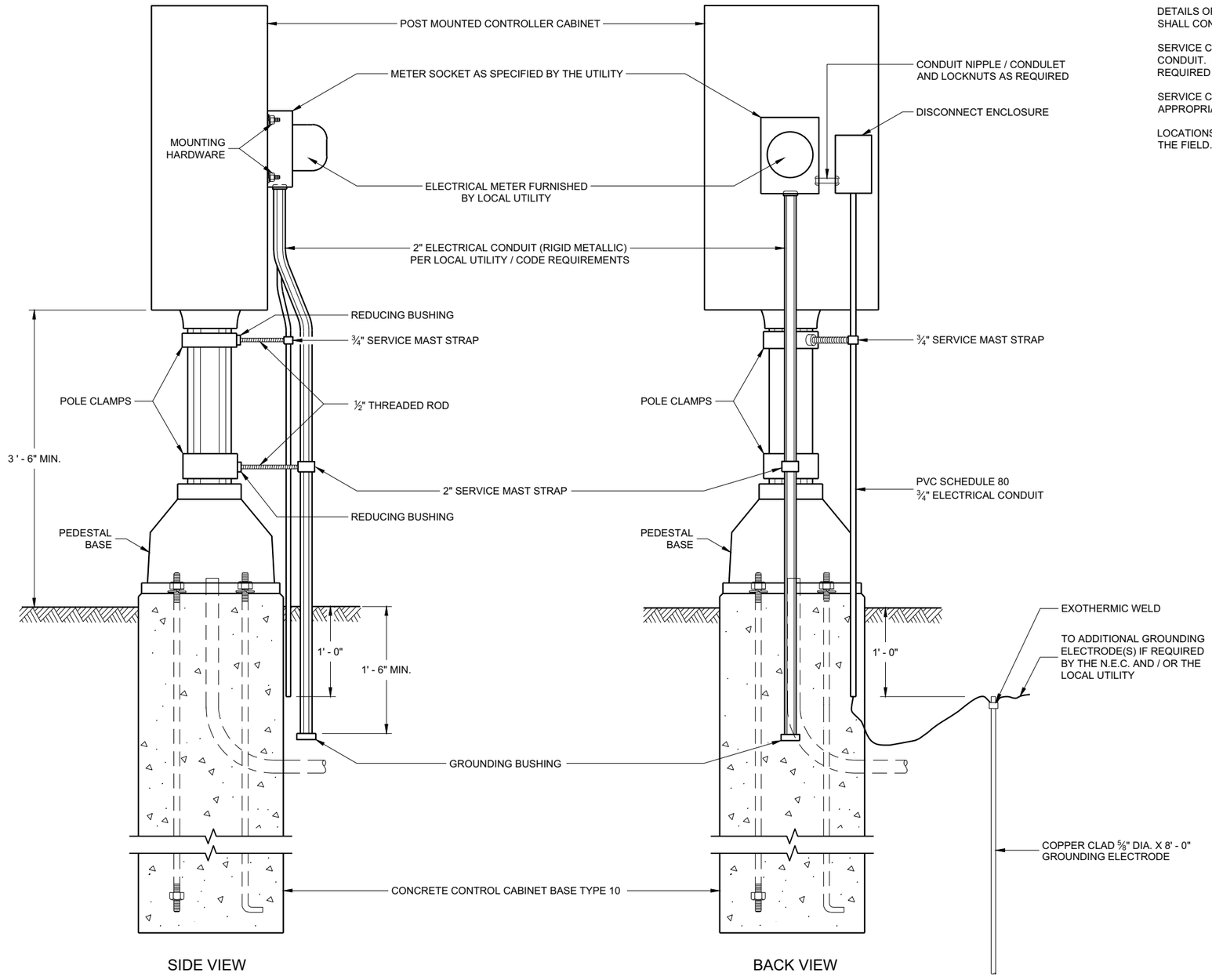

POST MOUNTED CONTROLLER SERVICE INSTALLATION

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

SERVICE CONDUCTOR ENTRANCES SHALL BE RIGID STEEL OR SCHEDULE 80 PVC ELECTRICAL CONDUIT. NIPPLES AND/OR CONDULETS, WITH LOCK NUTS AND GROUNDING BUSHINGS AS REQUIRED BY THE N.E.C. OR THE LOCAL UTILITY.

SERVICE CONDUCTOR ENTRANCES SHALL BE SIZED AS REQUIRED AND IN ACCORDANCE WITH APPROPRIATE ARTICLES OF THE LATEST ACCEPTED ELECTRICAL CODE.

LOCATIONS SHALL BE AS SHOWN ON THE PLANS UNLESS DETERMINED BY THE ENGINEER IN THE FIELD.

POST MOUNTED CONTROLLER SERVICE INSTALLATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2018
DATE

/S/ Ahmet Demirbilek
STATE ELECTRICAL ENGI 700

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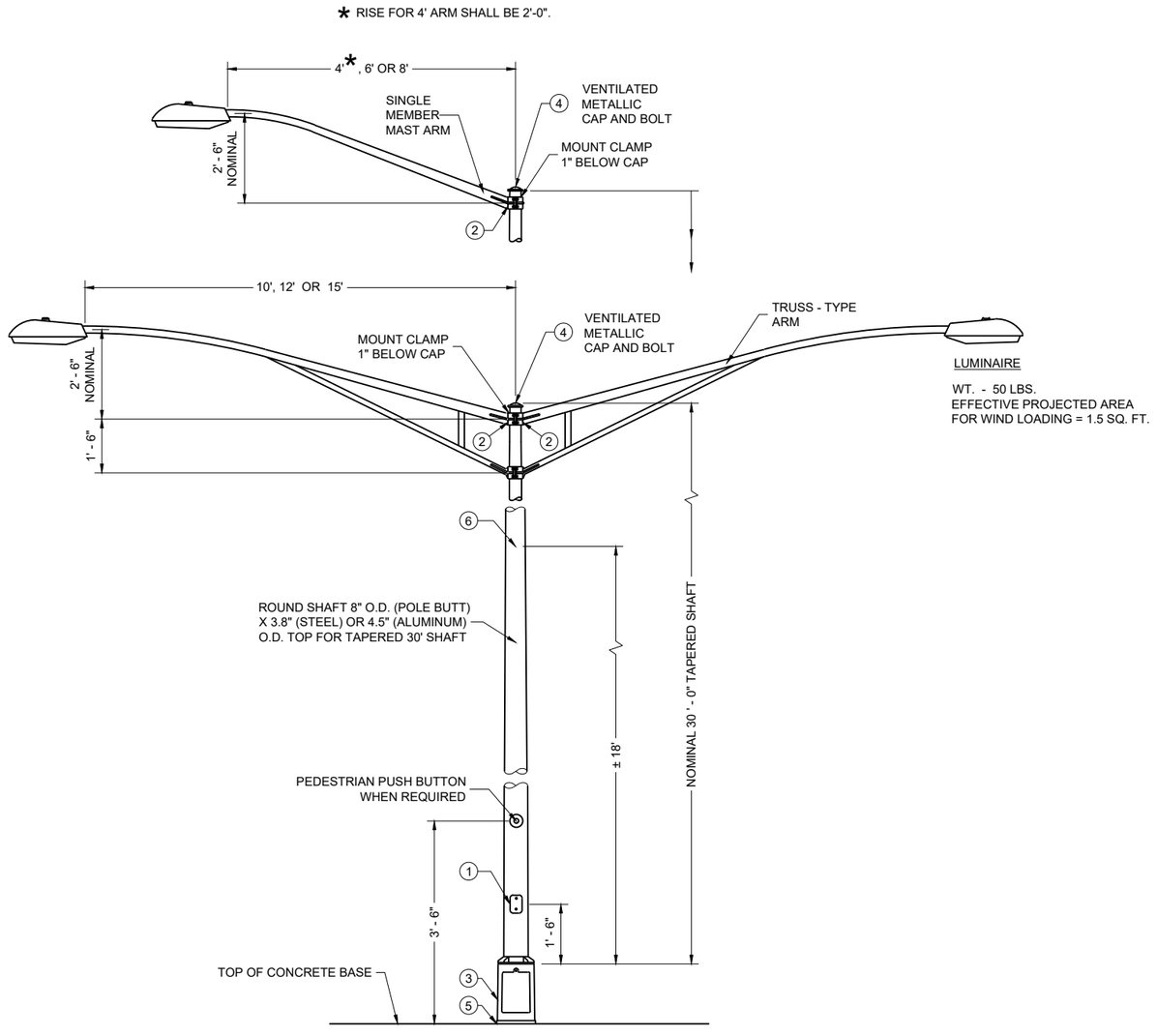
SDD 09D03 - 03



TYPE 5 POLE MOUNTING CONFIGURATION

(MAXIMUM LOAD)

LIGHTING ONLY

LUMINAIRE

WT. - 50 LBS.
EFFECTIVE PROJECTED AREA
FOR WIND LOADING = 1.5 SQ. FT.

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

SECTION 657, POLES, OF THE STANDARD SPECIFICATIONS SHALL APPLY TO THIS DRAWING.

ALL TYPE 5 POLE MOUNTINGS SHALL BE DESIGNED TO INCLUDE TWIN 15' ARMS WITH LUMINAIRES.

POLES SHALL BE GALVANIZED STEEL OR ALUMINUM, AS CALLED FOR IN THE CONTRACT.

TYPE 5 ALUMINUM POLES SHALL BE CONSTRUCTED OF 6063 - T6 ALUMINUM ALLOY. SLEEVING INSIDE THE POLE IS NOT ACCEPTABLE.

TYPE 5 ALUMINUM POLES SHALL HAVE A MINIMUM WALL THICKNESS OF 0.1888".

TYPE 5 STEEL POLES SHALL HAVE A MINIMUM WALL THICKNESS OF U.S. STANDARD 11 GAGE (0.1196").

THE SLIPFITTER END OF THE LUMINAIRE MAST ARM SHALL BE A NOMINAL 2 ⅜" INCHES IN OUTSIDE DIAMETER. THE STRAIGHT PORTION OF THE SLIPFITTER END OF THE LUMINAIRE MAST ARM SHALL BE A NOMINAL 12 INCHES IN LENGTH.

WHEN TRANSFORMER BASES ARE USED, WIRE CONNECTIONS SHALL BE MADE IN THE TRANSFORMER BASE.

(1) 4" X 6" REINFORCED HANDHOLE AND COVER ASSEMBLY WITH TWO (2) ¼"X¾" - 20 TPI , STAINLESS STEEL, HEX HEAD BOLTS.

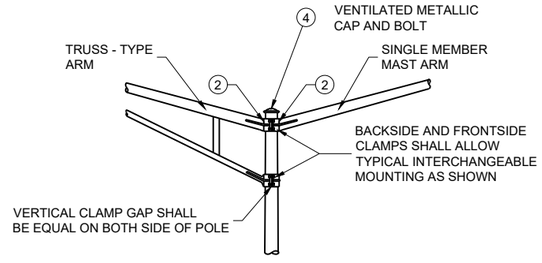
(2) GROMMETS. 1" CHASE NIPPLES OR 1" CLOSE CONDUIT NIPPLES WITH BUSHINGS SHALL BE PROVIDED FOR 1 ⅜" HOLE IN POLE SHAFT FOR WIRING.

(3) CAST ALUMINUM TRANSFORMER BASE.

(4) FURNISH AND INSTALL VENTILATED, CAST METALLIC (ALUMINUM ALLOY) CAPS. FASTEN CAPS WITH ¼"X¾" - 20 TPI STAINLESS STEEL, HEX HEAD BOLT. ONE (1)

(5) SHIMMING, IF NEEDED, SHALL BE LOCATED BETWEEN THE CONCRETE FOUNDATION AND POLE.

(6) INTERNAL DUMBBELL - TYPE VIBRATION DAMPER.



INTERCHANGEABLE MOUNTING DETAIL

POLE MOUNTINGS FOR LIGHTING UNITS, TYPE 5 (30 FEET)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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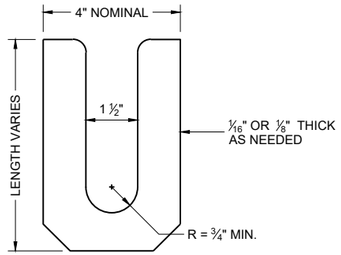
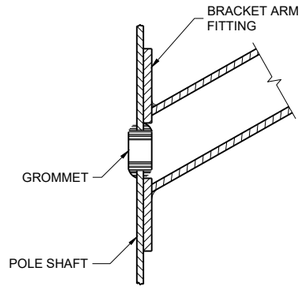
SDD 09E01-17d

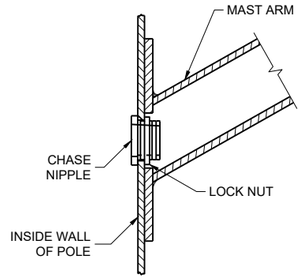


①

LEVELING SHIM
SHALL BE ALUMINUM



TYPICAL APPLICATION OF GROMMET IN POLE SHAFT



TYPICAL APPLICATION OF CHASE NIPPLE IN POLE SHAFT

GENERAL NOTES

CLAMP BOLT-NUT TIGHTENING TORQUE SHALL BE INDICATED BY INDENT STAMPING (1/2 INCH NUMERALS AND LETTERS) OR WEATHERPROOF PRINTING ON THE INSIDE OF THE CLAMP THAT IS WELDED TO THE ARM MEMBER.

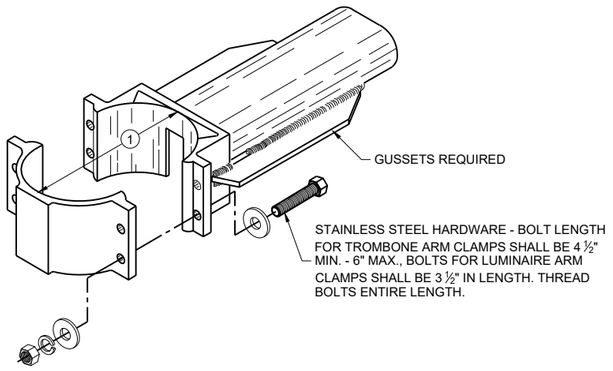
① 4.5" I.D. FOR LUMINAIRE MAST ARM CLAMP. 6.625" I.D. FOR TROMBONE MAST ARM CLAMP.

② INDIVIDUAL BASE PLATE ANCHOR ROD COVERS. (4 REQUIRED)

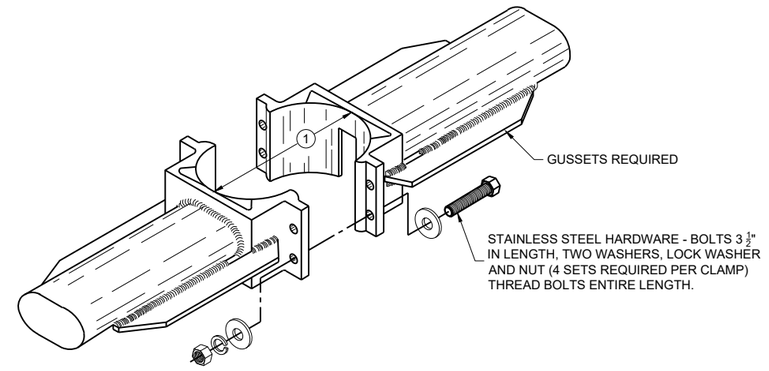
③ BASE PLATE SLOTTED TO ACCEPT 11" THROUGH 12" BOLT CIRCLE USING 1" DIAMETER ANCHOR RODS.

④ LEVELING SHIMS, DESIGNED FOR THE PURPOSE, SHALL BE USED WHEN PLUMBING POLES. THE USE OF WASHERS IN LIEU OF PROPER LEVELING SHIMS IS NOT ACCEPTABLE. LEVELING SHIMS SHALL BE USED ONLY BETWEEN THE TOP OF THE CONCRETE BASE AND A METALLIC BASE PLATE.

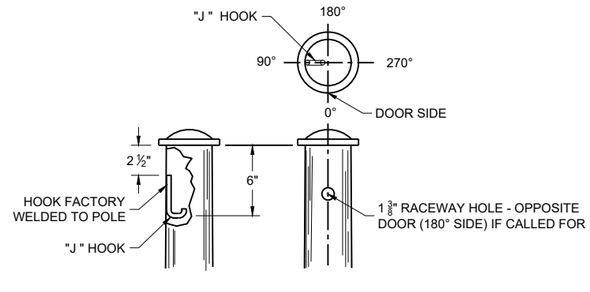
SHIMS SHALL BE LONG ENOUGH AND WIDE ENOUGH TO COMPLETELY COVER THE AREA UNDER THE LENGTH AND WIDTH OF THE BASE MOUNTING FLANGE.



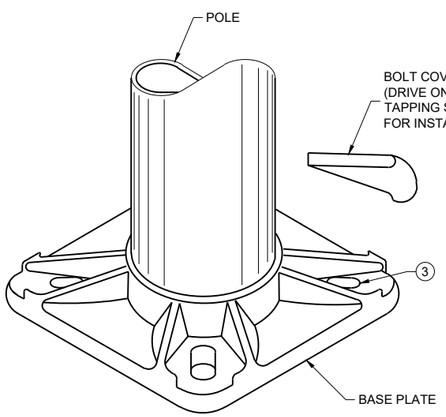
TYPICAL TROMBONE MAST ARM AND SINGLE LUMINAIRE MAST ARM MOUNTING CLAMP



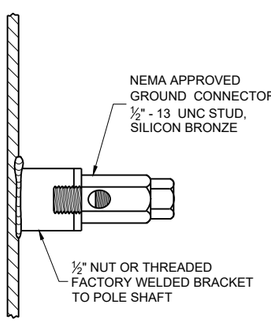
TYPICAL LUMINAIRE MAST ARM (DOUBLE) MOUNTING BRACKETS

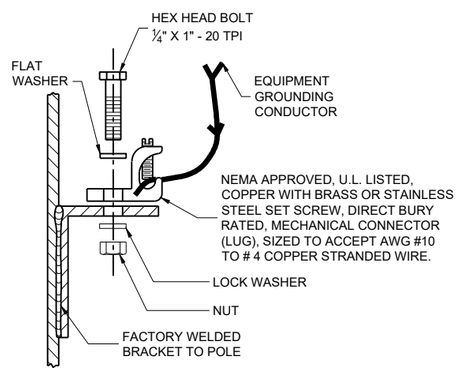


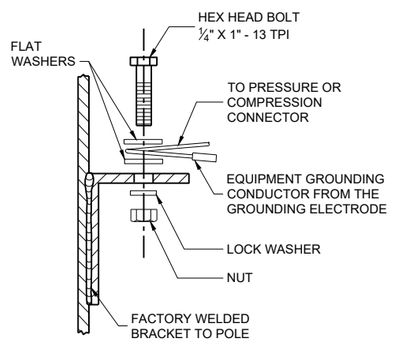
TYPICAL "J" HOOK LOCATION



BASE PLATE







TYPICAL GROUNDING CONNECTIONS
NUT, BOLT AND WASHERS SHALL BE STAINLESS STEEL

HARDWARE DETAILS FOR POLE MOUNTING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
February 2026 — DATE
/S/ Ahmet Demirbilek — STATE ELECTRICAL ENGINEER

FHWA

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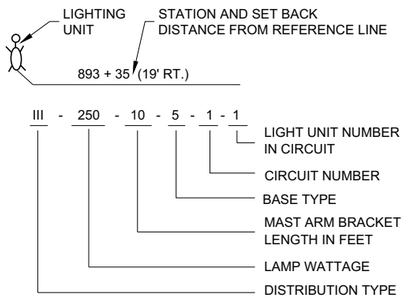
SDD 09E01-17g

GENERAL NOTES

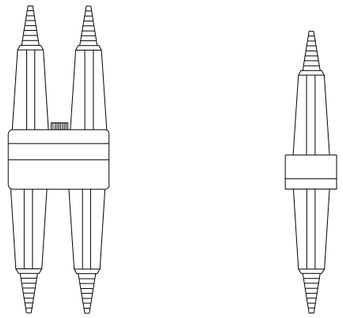
DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

THE EQUIPMENT GROUND CONNECTOR SHALL BE TAPED WITH 3 WRAPS (MINIMUM) OF APPROVED RUBBER TAPE AND 3 WRAPS (MINIMUM) OF APPROVED VINYL TAPE TO COVER SHARP WIRE ENDS AFTER THE CONNECTION IS COMPLETED.

WHEN TRANSFORMER BASES ARE USED, ALL WIRING CONNECTIONS SHALL OCCUR WITHIN THE TRANSFORMER BASES.

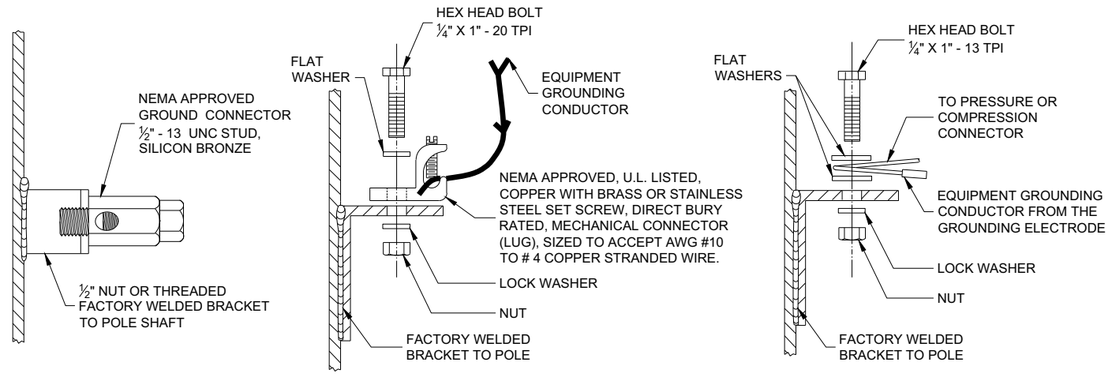


LIGHTING UNIT CODE
(TYPICAL)

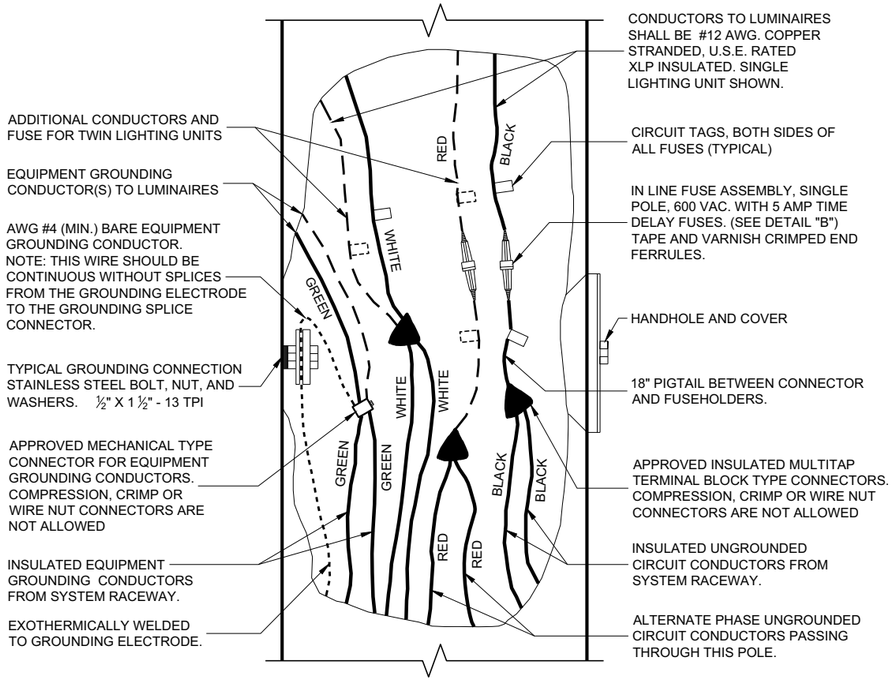


DETAIL "A"
BREAKAWAY DOUBLE POLE WITH WATERPROOF INSULATING BOOT

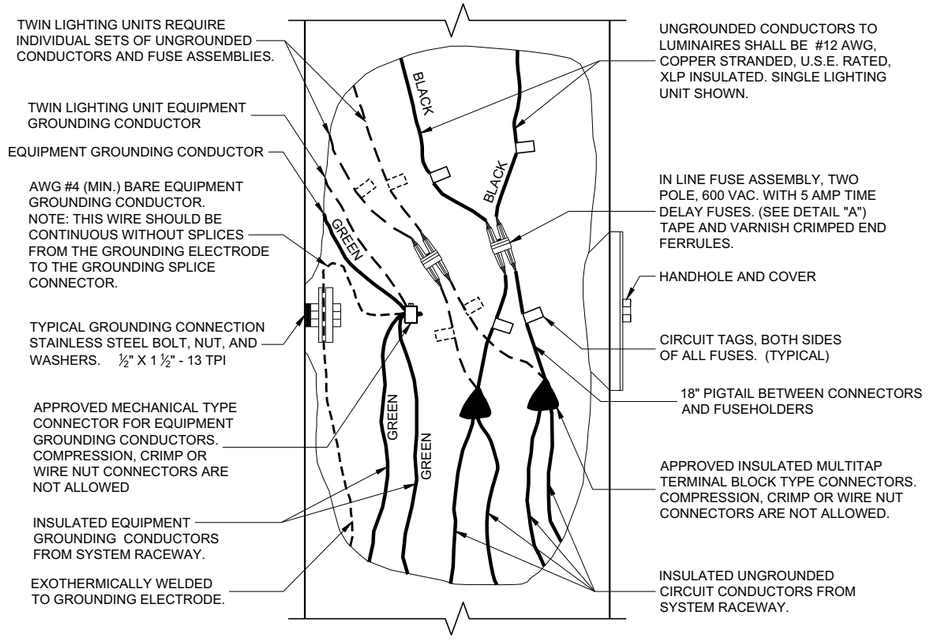
DETAIL "B"
BREAKAWAY SINGLE POLE WITH WATERPROOF INSULATING BOOT



TYPICAL GROUNDING CONNECTIONS
NUT, BOLT AND WASHERS SHALL BE STAINLESS STEEL



3 WIRE - 120, 240 OR 480 VAC (UNGROUNDED CONDUCTORS) WITH GROUNDING CONDUCTOR AND EQUIPMENT GROUNDING CONDUCTOR



2 WIRE - 240 OR 480 VAC (UNGROUNDED CONDUCTORS) WITH EQUIPMENT GROUNDING CONDUCTOR

NON - FREEWAY LIGHTING UNIT POLE WIRING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2018
DATE
/S/ Ahmet Demirbilek
STATE ELECTRICAL ENGI 703

FHWA

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SDD 09E03 - 06

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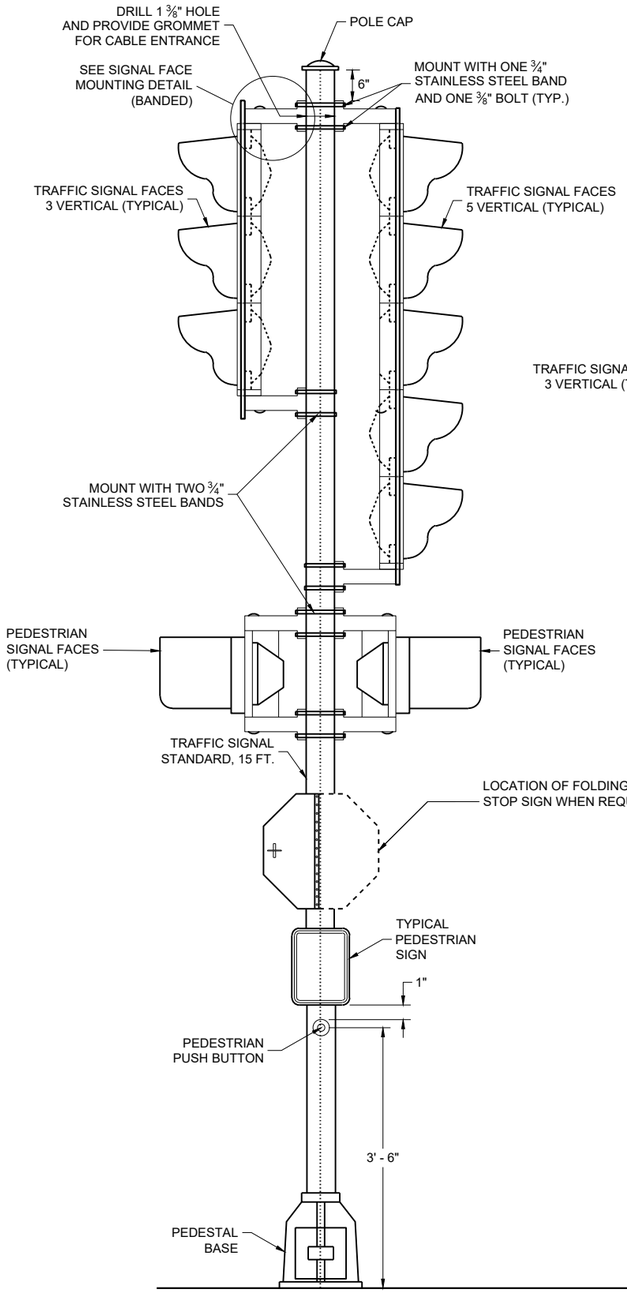
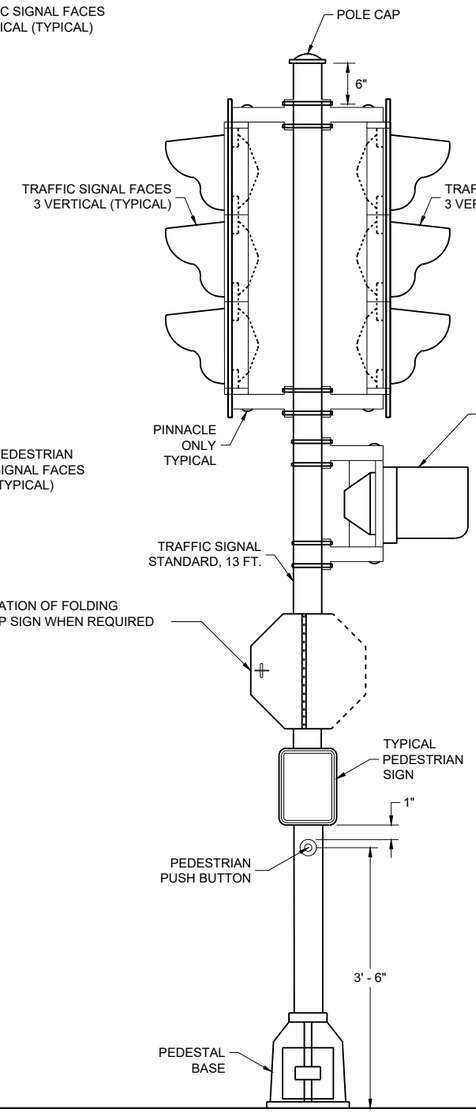
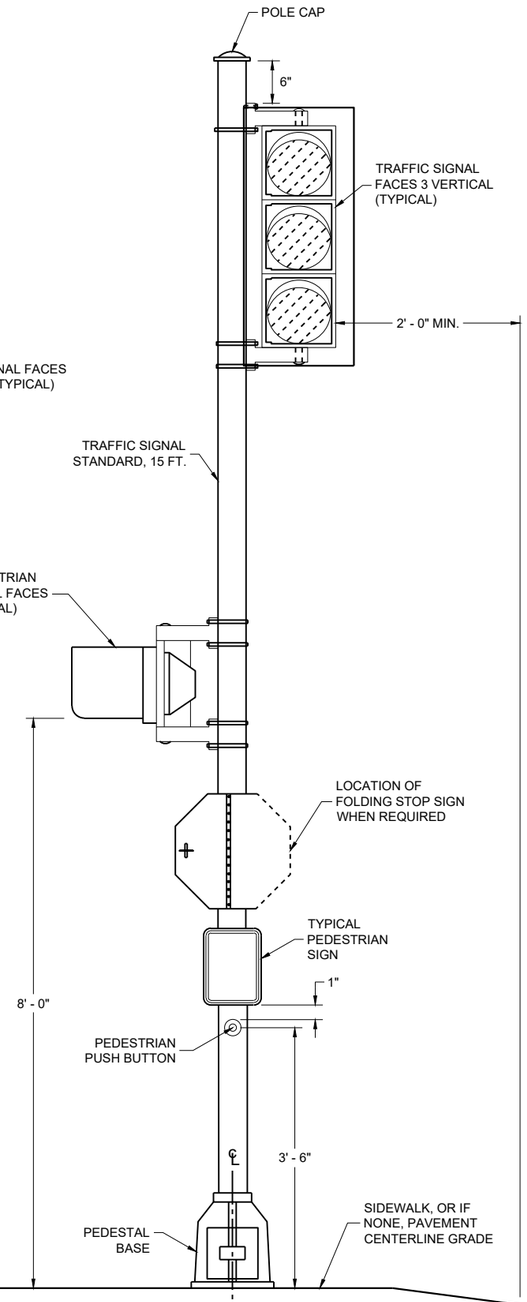


TRAFFIC SIGNAL
STANDARD - 15 FT.



TRAFFIC SIGNAL
STANDARD - 13 FT.



TRAFFIC SIGNAL STANDARD - 15 FT.
3M MOUNTING (TYPICAL)

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

SEE THE SIGNAL PLAN FOR REQUIRED SIGNAL FACE SIZES.

ALL PEDESTAL BASES SHALL BE MOUNTED ON CONCRETE BASE - TYPE 1.

FOR APPROVED MOUNTING HARDWARE, SEE THE CONTRACT SPECIAL PROVISIONS.

POLYCARBONATE MOUNTING BRACKETS SHALL BE USED.

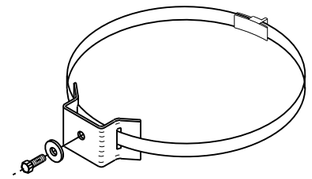
LENGTH AND LOCATION OF TRAFFIC SIGNAL STANDARDS SHALL BE AS SHOWN ON THE PLANS.

OPTICALLY PROGRAMMED SIGNAL FACES SHALL BE MASKED IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS, AND UNDER THE DIRECTIONS OF THE REGION TRAFFIC ENGINEER.

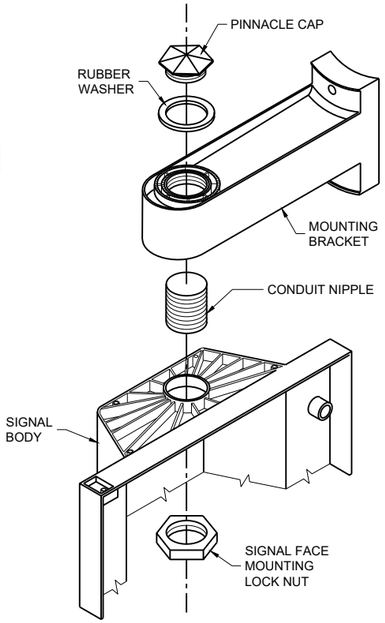
FOLDING STOP SIGNS SHALL BE IN ACCORDANCE WITH THE MUTCD AND/OR THE LATEST WISCONSIN SUPPLEMENT. THE SIGNS SHALL BE SIZED AND LOCATED AS CALLED FOR IN IN THE PLANS.

PEDESTRIAN SIGNS SHALL BE AS DESIGNATED IN THE PLANS.

FURNISH AND INSTALL VENTILATED, CAST, METALLIC (ALUMINUM ALLOY) CAPS. FASTEN CAPS WITH ONE (1) 1/4" X 3/4" - 20 TPI STAINLESS STEEL, HEX HEAD BOLT.



TYPICAL SIGN MOUNTING BAND
(TOP AND BOTTOM OF SIGN)



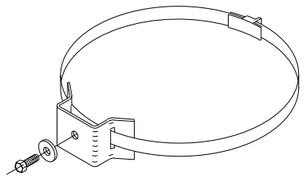
SIGNAL FACE MOUNTING DETAIL (BANDED)

TRAFFIC SIGNAL STANDARD
POLY BRACKET MOUNTINGS
(TYPICAL) 13 FT. OR 15 FT.

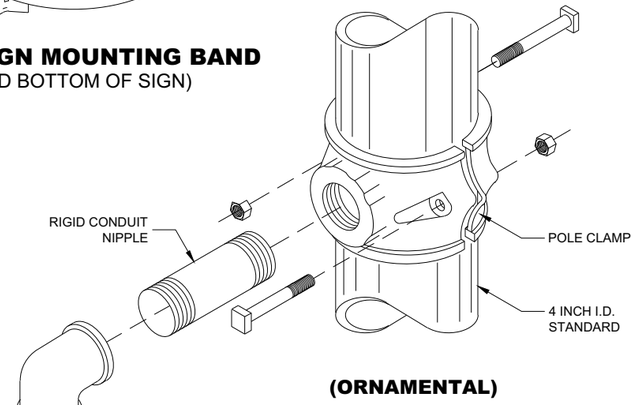
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
February 2026 — DATE
/S/ Ahmet Demirbilek — STATE ELECTRICAL ENGINEER

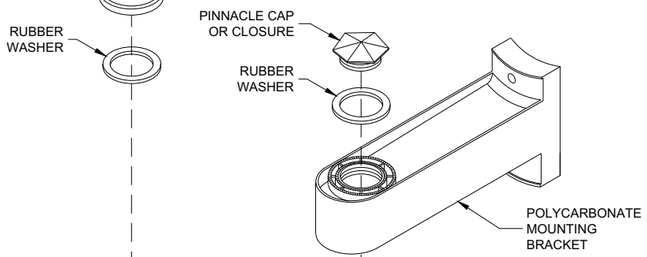
FHWA



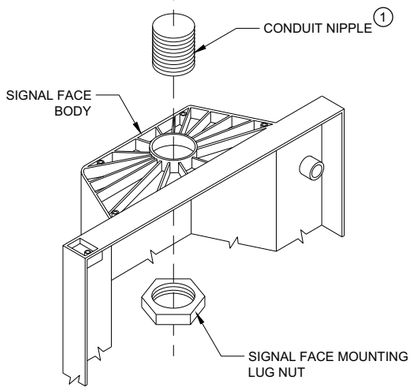
TYPICAL SIGN MOUNTING BAND
(TOP AND BOTTOM OF SIGN)



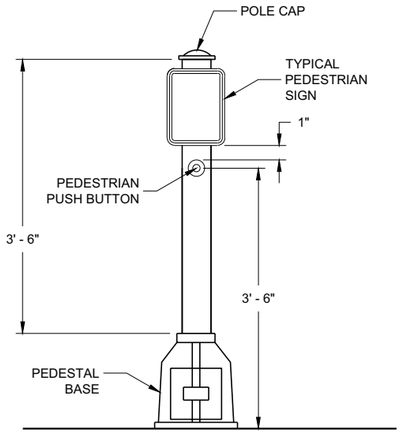
(ORNAMENTAL)



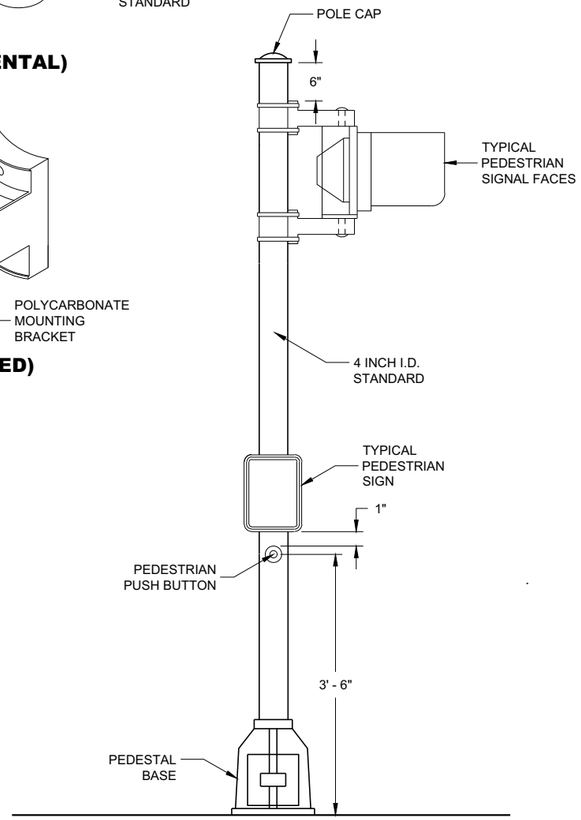
(BANDED)



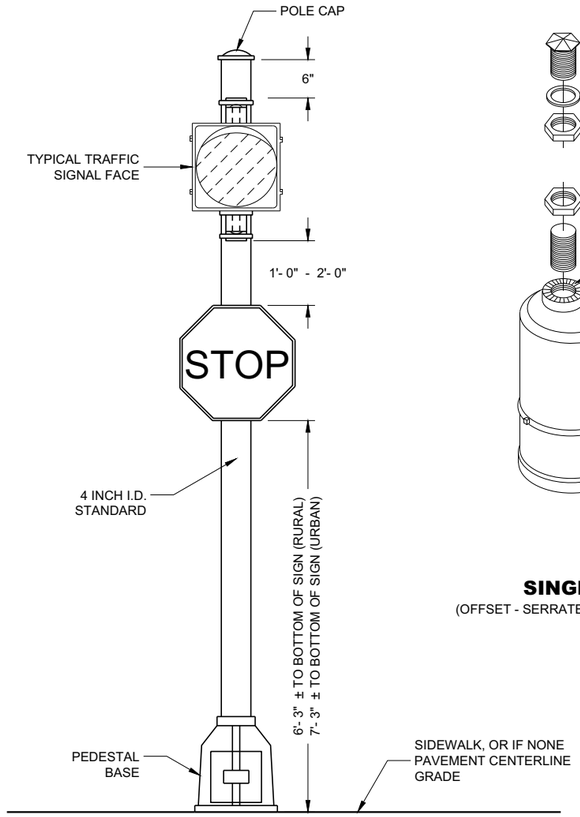
SIGNAL FACE MOUNTING DETAILS



PEDESTRIAN PUSH BUTTON TYPICAL MOUNTING



PEDESTRIAN FACE STANDARD - 10 FT.
(WALK - DON'T WALK)



STANDARD FLASHER
10 FOOT, 13 FOOT OR 15 FOOT AS REQUIRED

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

SEE THE SIGNAL PLAN FOR REQUIRED SIGNAL FACE SIZES.

LOCATIONS SHALL BE AS SHOWN ON THE PLANS, UNLESS APPROVED BY THE ENGINEER IN THE FIELD.

ALL PEDESTAL BASES SHALL BE MOUNTED ON CONCRETE BASE - TYPE 1.

FOR APPROVED MOUNTING HARDWARE, SEE THE CONTRACT SPECIFICATIONS.

POLYCARBONATE SIGNAL FACE MOUNTING BRACKETS SHALL BE USED UNLESS ORNAMENTAL POLE CLAMPS ARE SPECIFIED.

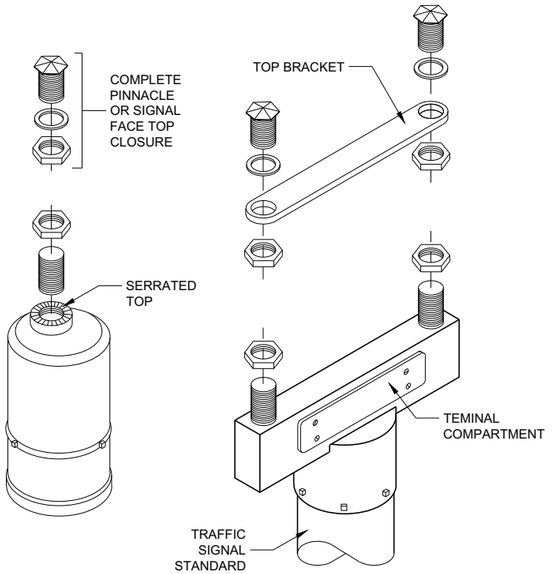
LENGTH OF TRAFFIC STANDARDS SHALL BE AS SHOWN ON THE PLANS.

MOUNTINGS AND BRACKETS SHALL BE AS SHOWN ON THE PLANS OR DESCRIBED IN THE SPECIAL PROVISIONS (BY THE REGION TRAFFIC ENGINEER).

PEDESTRIAN SIGNS SHALL BE AS DESIGNATED IN THE PLANS.

FURNISH AND INSTALL VENTILATED, CAST, METALLIC (ALUMINUM ALLOY) CAPS. FASTEN CAPS WITH ONE (1) ¼" X ¾" - 20 TPI STAINLESS STEEL, HEX HEAD BOLT.

(1) USE 1 ½" ID NIPPLES ZINC-COATED RIGID METAL CONDUIT, LONG ENOUGH TO ACCOMMODATE FULL DEPTH THREADING INTO THE HEAD MOUNTING LOCK NUT IN ORDER TO TIGHTEN THE FACE, BUT THAT DO NOT INTERFERE WITH REFLECTOR CLOSURE. THREAD THE NIPPLE INTO THE MOUNTING BRACKET/ELBOW UNTIL TIGHT. USE APPROVED PINNACLE TYPE HARDWARE FROM A DEPARTMENT APPROVED MANUFACTURER TO CLOSE THE UNUSED 1 ½" OPENING IN SIGNAL FACESAND BRACKET ENDS.



SINGLE
(OFFSET - SERRATED MOUNTING)

DOUBLE
(SERRATED MOUNTING)

SLIPFITTERS

TRAFFIC SIGNAL STANDARD
PEDESTRIAN AND FLASHER
TYPICAL MOUNTING DETAILS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2018
DATE

/S/ Ahmet Demirbilek
STATE ELECTRICAL ENGI 705

FHWA

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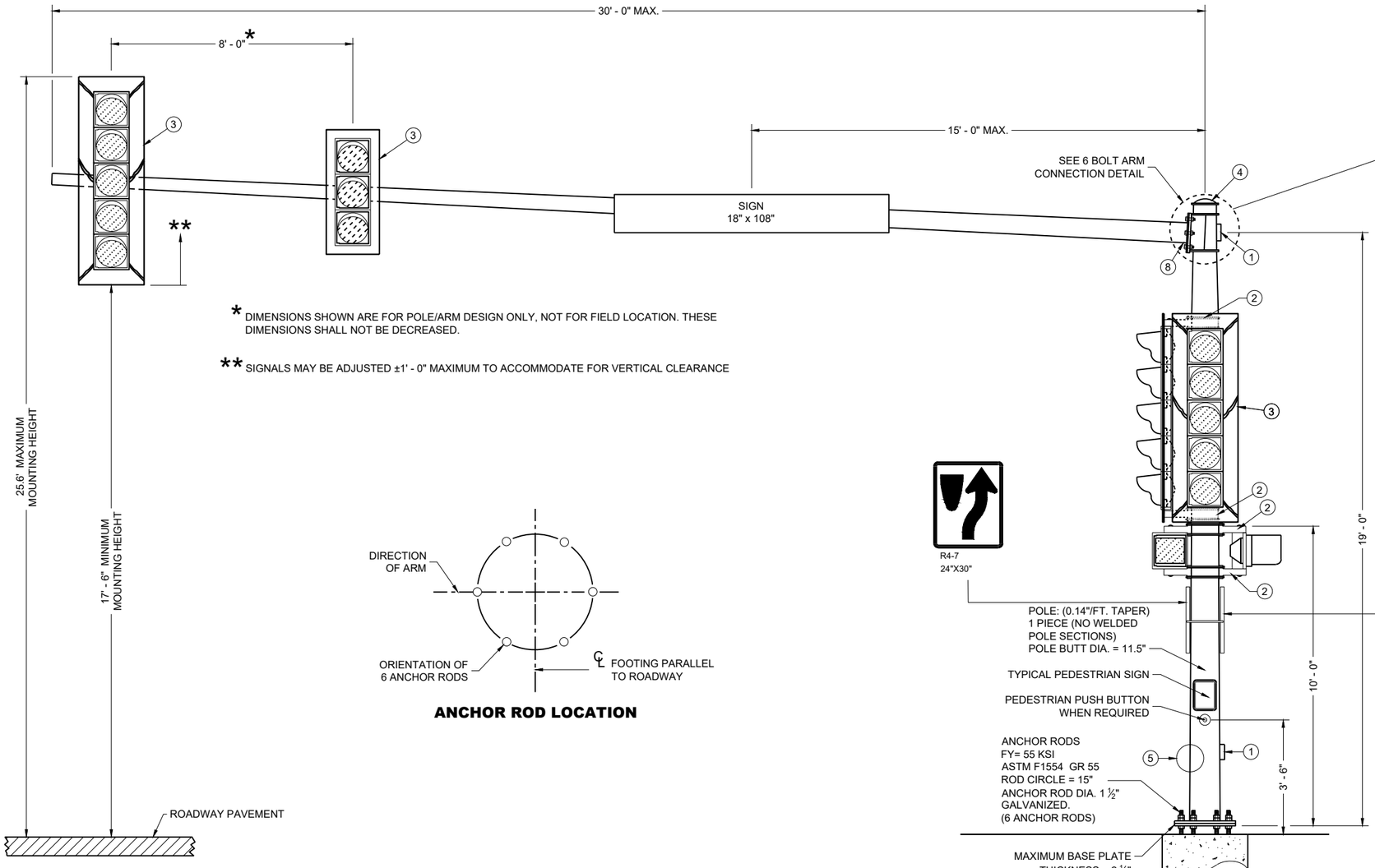
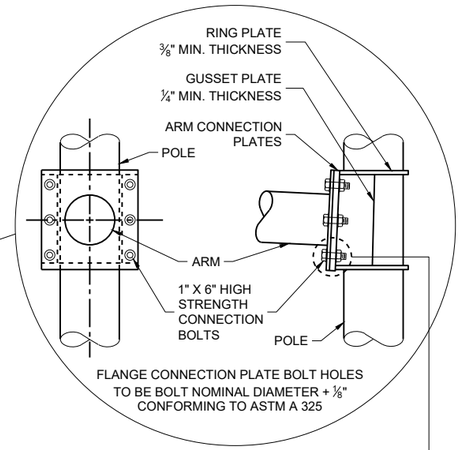
SDD 09E07 - 06



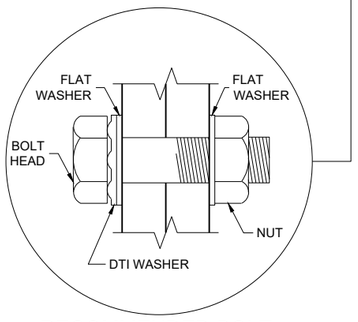
* DIMENSIONS SHOWN ARE FOR POLE/ARM DESIGN ONLY, NOT FOR FIELD LOCATION. THESE DIMENSIONS SHALL NOT BE DECREASED.

** SIGNALS MAY BE ADJUSTED ±1' - 0" MAXIMUM TO ACCOMMODATE FOR VERTICAL CLEARANCE

ANCHOR ROD LOCATION



6 BOLT ARM CONNECTION DETAIL



RECOMMENDED BOLT ASSEMBLY DETAIL

TYPE 9 POLE
15' - 30' MONOTUBE ARM
(MAXIMUM LOAD)

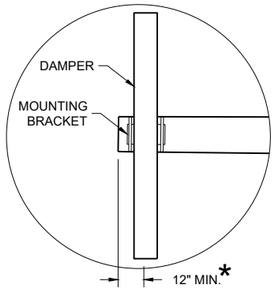
TYPE 9 POLE
15' - 30' MONOTUBE ARM

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

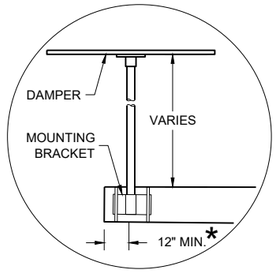
SDD 09E08-10a

6

SDD 09E08-10a

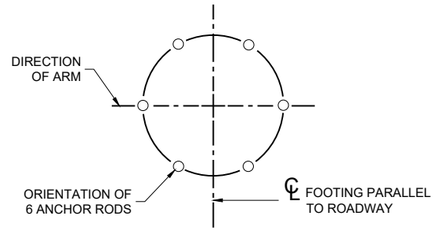


DUMBBELL VIBRATION DAMPER

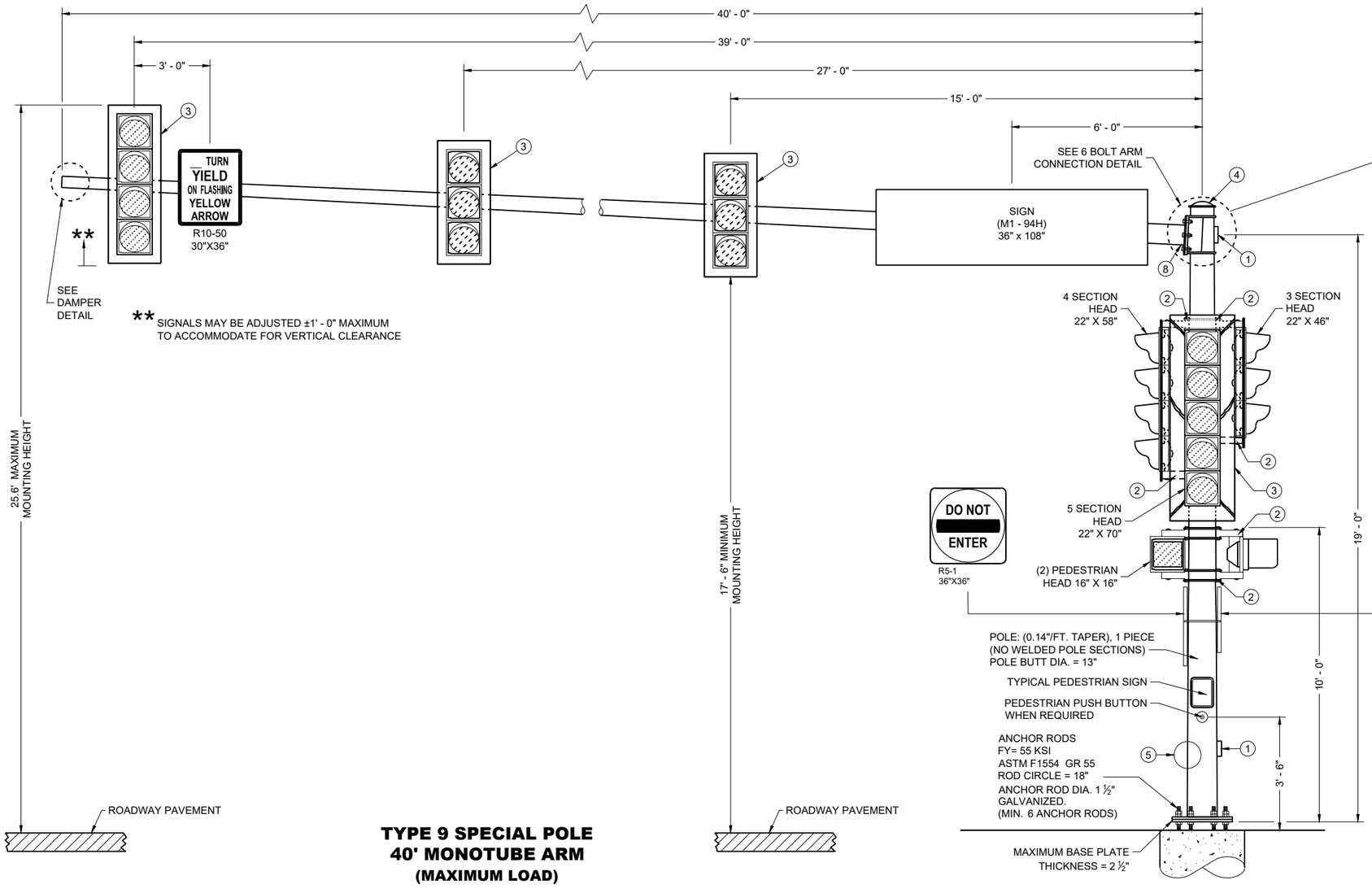


FLAT VIBRATION DAMPER

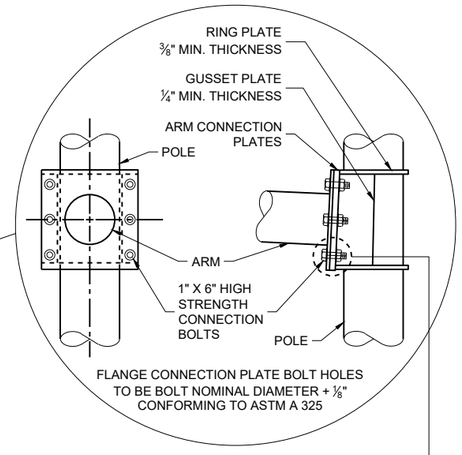
* MOUNT AS CLOSE TO END OF MAST ARM FOR MAXIMUM DAMPING PER MANUFACTURER'S RECOMMENDATIONS.



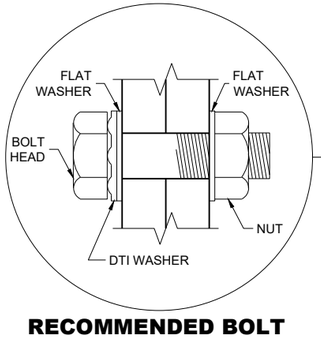
ANCHOR ROD LOCATION



TYPE 9 SPECIAL POLE
40' MONOTUBE ARM
(MAXIMUM LOAD)



6 BOLT ARM CONNECTION DETAIL

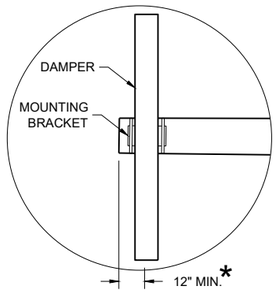


RECOMMENDED BOLT ASSEMBLY DETAIL

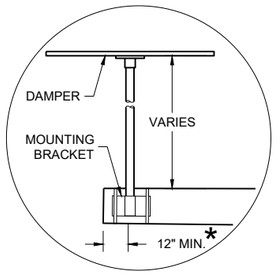
TYPE 9 SPECIAL POLE
40' MONOTUBE ARM

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

SDD 09E08-10c

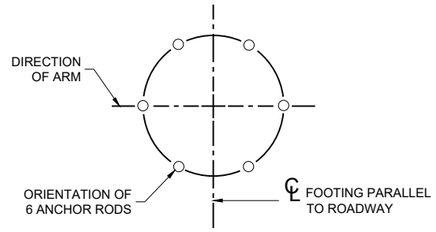


DUMBBELL VIBRATION DAMPER

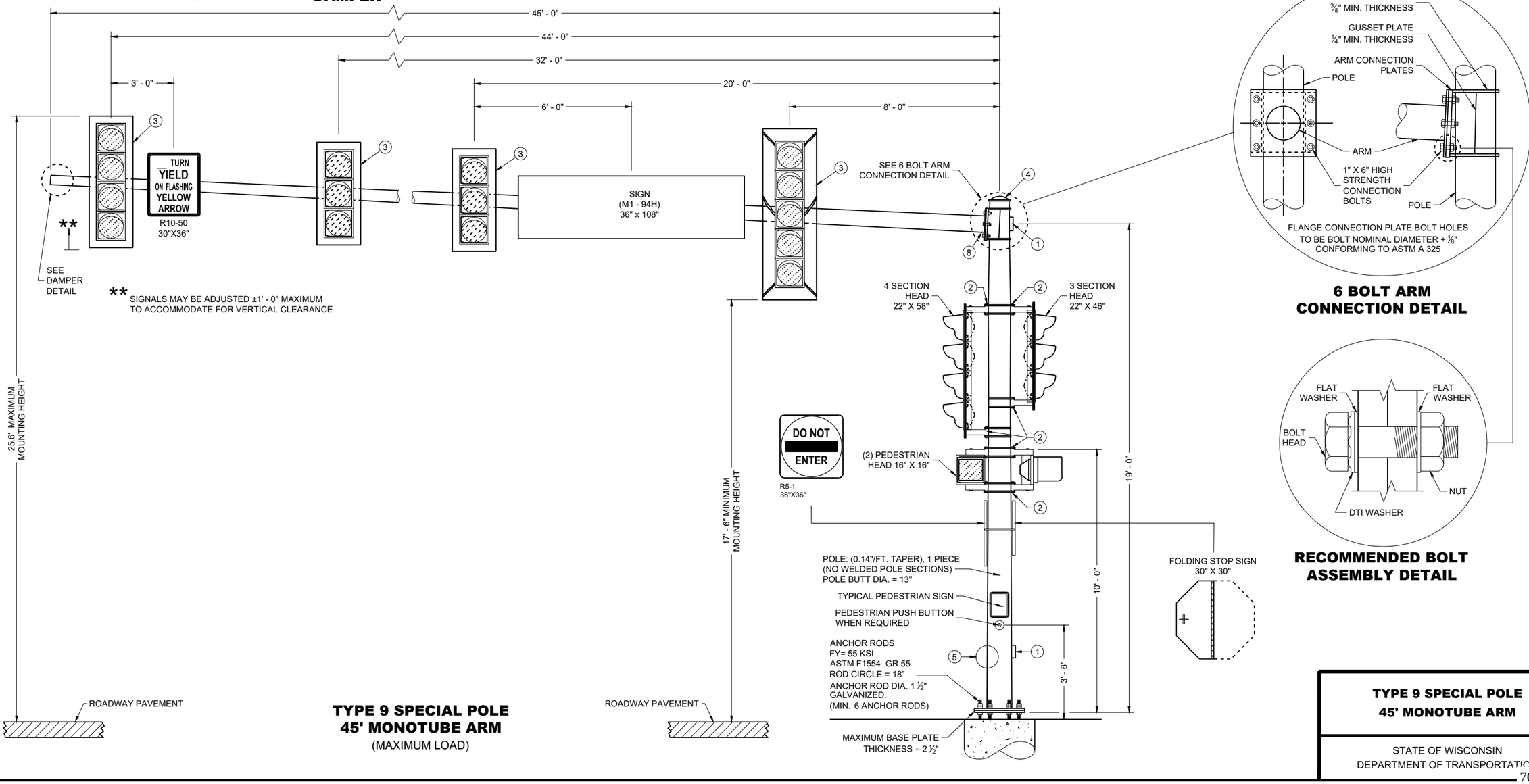


FLAT VIBRATION DAMPER

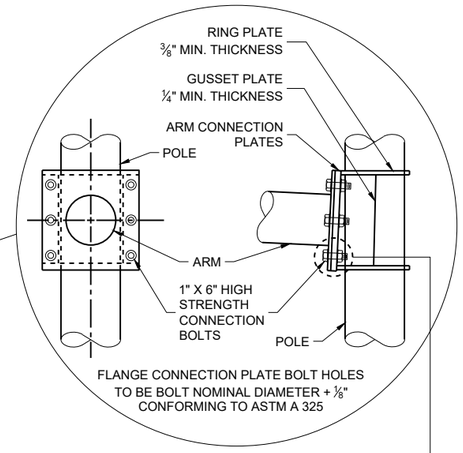
* MOUNT AS CLOSE TO END OF MAST ARM FOR MAXIMUM DAMPING PER MANUFACTURER'S RECOMMENDATIONS.



ANCHOR ROD LOCATION



TYPE 9 SPECIAL POLE
45' MONOTUBE ARM
(MAXIMUM LOAD)



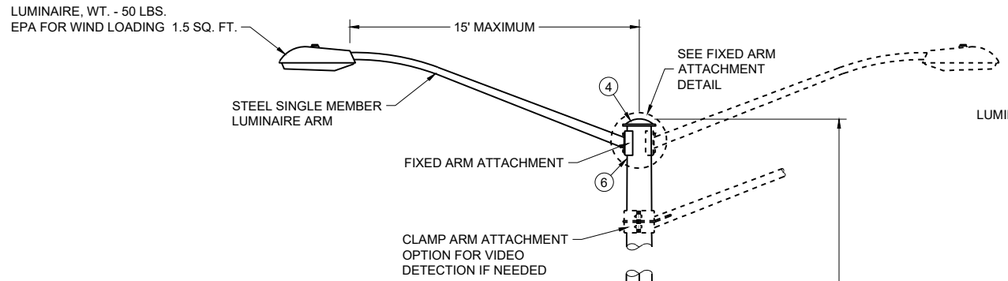
6 BOLT ARM CONNECTION DETAIL

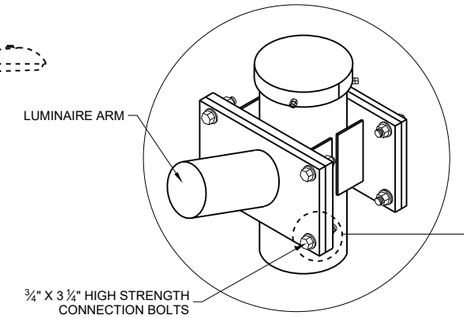
RECOMMENDED BOLT ASSEMBLY DETAIL

TYPE 9 SPECIAL POLE
45' MONOTUBE ARM

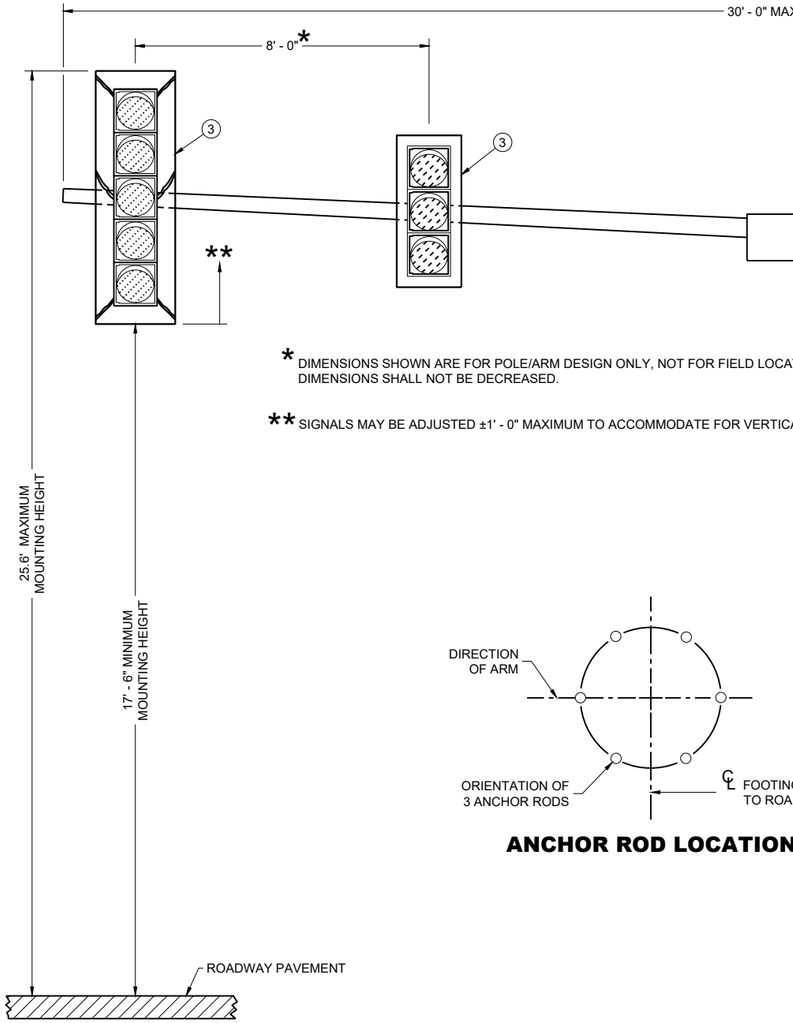
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

SDD 09E08-10d



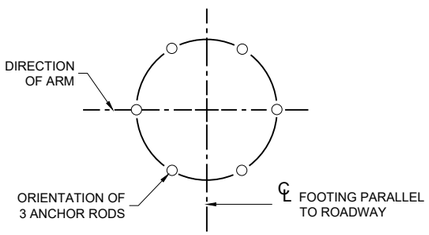


FIXED ARM ATTACHMENT DETAIL

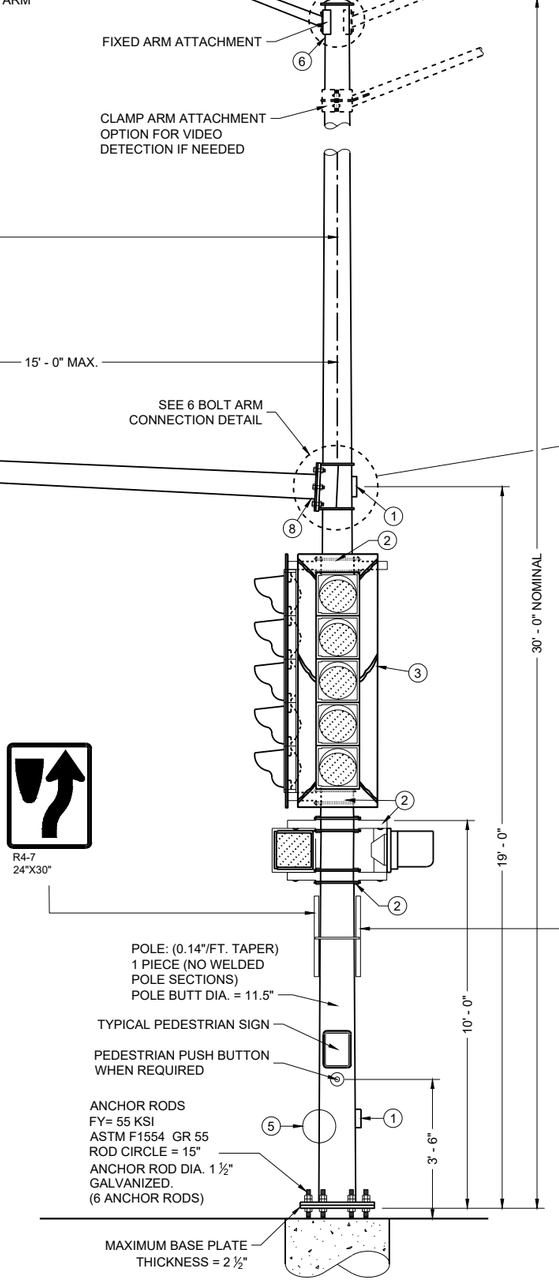


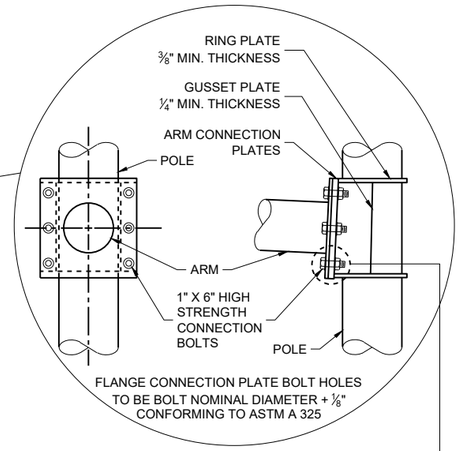
* DIMENSIONS SHOWN ARE FOR POLE/ARM DESIGN ONLY, NOT FOR FIELD LOCATION. THESE DIMENSIONS SHALL NOT BE DECREASED.

** SIGNALS MAY BE ADJUSTED ±1' - 0" MAXIMUM TO ACCOMMODATE FOR VERTICAL CLEARANCE

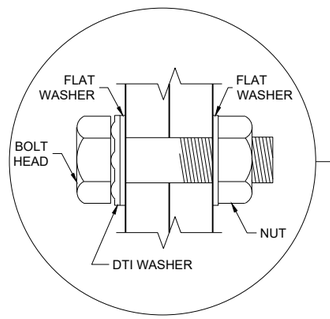


ANCHOR ROD LOCATION





6 BOLT ARM CONNECTION DETAIL



RECOMMENDED BOLT ASSEMBLY DETAIL

TYPE 10 POLE
15' - 30' MONOTUBE ARM
(MAXIMUM LOAD)

TYPE 10 POLE
15' - 30 MONOTUBE ARM

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

POLE TYPES 9 AND 10 ARE FOR ARM LENGTHS 15 FOOT TO 30 FOOT.

POLE TYPES 9 SPECIAL AND 10 SPECIAL ARE FOR ARM LENGTHS 35 FOOT, 40 FOOT, AND 45 FOOT.

POLE TYPES 12 AND 13 ARE FOR ARM LENGTHS 35 FOOT TO 55 FOOT.

MONOTUBE POLES AND ARMS SHALL BE GALVANIZED STEEL.

RING STIFFENED BUILT UP BOX TYPE OF ATTACHMENT FOR TRAFFIC SIGNAL ARM.

ONE PIECE POLE CONSTRUCTION (NO WELDED POLE SECTIONS).

STANDARD STRAIGHT ARM DESIGN (3% ± RISE).

SECTION 657, POLES OF THE STANDARD SPECIFICATION SHALL APPLY TO THIS DRAWING.

PROVIDE WIREWAY THRU POLE WALL AND ARM CONNECTION PLATES. PROVIDE ROUND, SMOOTH INSIDE SURFACE.

MANUFACTURER'S SUBMITTED POLE DESIGNS AND DRAWINGS SHALL BE SIGNED AND STAMPED BY A REGISTERED PROFESSIONAL ENGINEER AND CERTIFIED AS BEING IN COMPLIANCE WITH THE AASHTO "LRFD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNAL 2015 1ST EDITION (INCLUDING INTERIM REVISIONS)" AND ALL PERTINENT WISDOT SPECIFICATIONS AND DRAWINGS FOR THE LIGHTING STRUCTURES AS FOLLOWS:

CATEGORY III FATIGUE LOADS OF GALLOPING, TRUCK GUSTS (AT 45 MPH VEHICLE VELOCITY) AND NATURAL WIND GUSTS FOR DESIGN OF TYPE 9 AND TYPE 10 STRUCTURES.

CATEGORY II FATIGUE LOADS OF TRUCK GUSTS (AT 45 MPH VEHICLE VELOCITY) AND NATURAL WIND GUSTS FOR DESIGN OF TYPE 9 SPECIAL AND TYPE 10 SPECIAL STRUCTURES. IN LIEU OF DESIGNING FOR GALLOPING, A VIBRATION DAMPER MITIGATION DEVICE IS REQUIRED TO BE SUPPLIED AND INSTALLED AT THE END OF THE MAST ARM.

CATEGORY II FATIGUE FATIGUE LOADS OF GALLOPING, TRUCK GUSTS (AT 45 MPH VEHICLE VELOCITY) AND NATURAL WIND GUSTS FOR DESIGN OF TYPE12 AND TYPE 13 STRUCTURES.

115 MPH (700 YEAR MRI BASIC WIND SPEED).

SECURE THE OPENING BELOW THE BASE PLATE WITH STAINLESS STEEL OR GALVANIZED STEEL MESH AND SECURE THE MESH WITH ¾" STAINLESS STEEL BANDING AROUND THE LEVELING NUTS.

INDENT PRINT (NOMINAL ½" HIGH) THE POLE LENGTH AND FIRST TWO LETTERS OF THE MANUFACTURERS NAME ON TWO SIDES OF THE BASE PLATE 180 DEGREES APART, BEFORE GALVANIZING. THE ARM SHALL BE IDENTIFIED WITH THE SAME INFORMATION BY INDENT PRINT.

SIGNAL FACE SHALL BE MOUNTED 6 INCHES (NOMINAL) FROM THE END OF THE MONOTUBE ARM OR AS SHOWN ON THE PLAN CONSTRUCTION DETAIL OR A S DIRECTED BY THE PROJECT ENGINEER/ELECTRICAL OPERATIONS PERSONNEL. MOUNT ALL LIKE HEAD AT SAME ELEVATION.

SIGN MOUNTING BRACKETS SHALL BE FURNISHED IN ACCORDANCE WITH SECTION 637 OF THE STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION.

(1) DESIGN FOR MAXIMUM ALLOWABLE HAND HOLE WITH COVER ASSEMBLY WITH TWO ¼" X ¾" - 20 TPI STAINLESS STEEL HEX HEAD BOLTS.

(2) SIGNAL MOUNTING BRACKETS FOR POLE MOUNTING, MOUNT WITH CAP SCREW AND BANDING (SEE SPECIFICATION SECTION 658).

(3) SECURELY MOUNT BACK PLATES, PROJECTING 5" BEYOND ALL SIDES OF THE SIGNAL FACE HOUSING, PER MANUFACTURERS RECOMMENDATIONS.

(4) THE TOP OF THE POLE SHAFT AND THE MONOTUBE ARM SHALL BE EQUIPPED WITH A REMOVABLE, VENTILATED CAP HELD SECURELY IN PLACE WITH SET SCREWS.

(5) FACTORY WELDED BRACKET FOR GROUNDING LUG, OPPOSITE HAND HOLD, (LUG AND HARDWARE PAID UNDER SEPARATE ITEM). PROVIDE HOLE IN BRACKET FOR ¼" X ¾" - 20 TPI STAINLESS STEEL HEX HEAD BOLT.

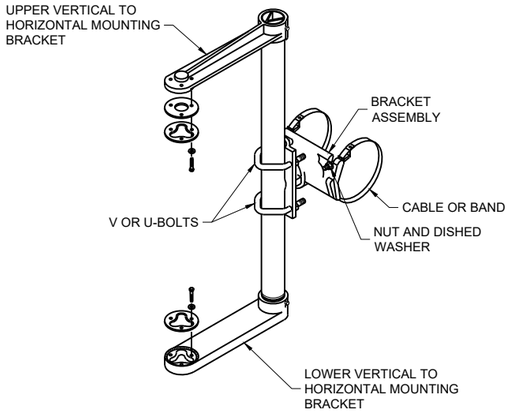
(6) FACTORY WELDED "J" HOOK FOR STRAIN RELIEF FOR POLE LUMINAIRE WIRE.

(7) INSTALL STRUCTURAL IDENTIFICATION PLAQUES.

STRUCTURAL IDENTIFICATION PLAQUES SHALL BE PLACED ON THE POLES IN THE SAME DIRECTION AS THE ARM.

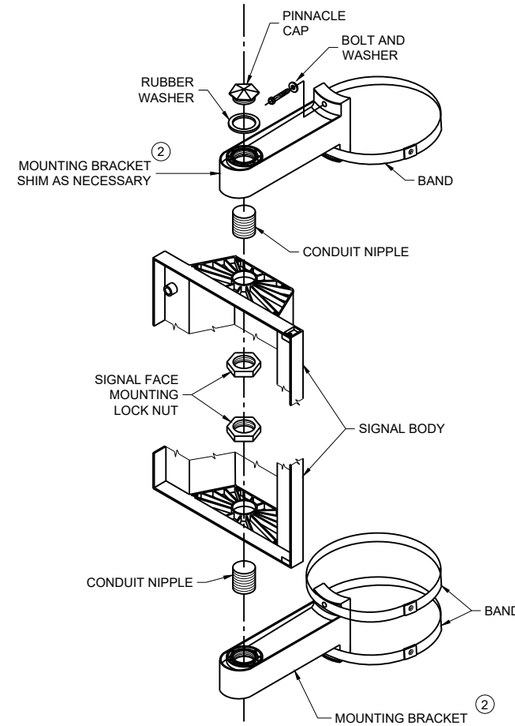
MOUNTING HEIGHT SHALL BE 6' - 0" ABOVE THE CURB OR SHOULDER. ADJUST IF IT IS KNOWN THAT REQUIRED TRAFFIC SIGNS WILL BE OBSTRUCTED.

(8) FACTORY DRILLED ½" DRAIN HOLE 2" FROM FLANGE CONNECTION PLATE.

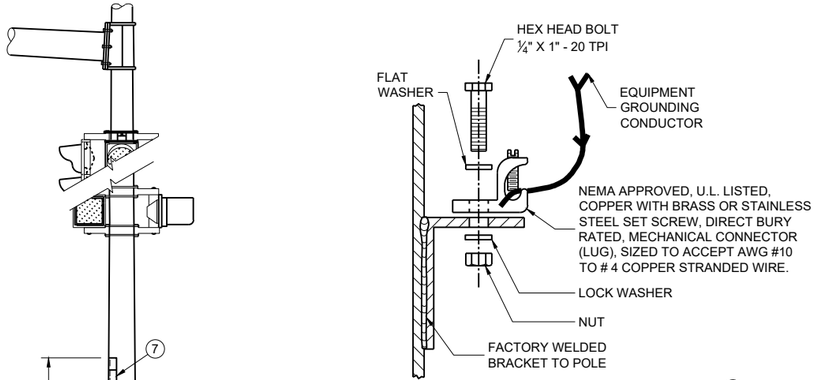


SIGNAL FACE MOUNTING BRACKET DETAIL FOR MONOTUBE ARM

(MOUNT PER MANFACTURER'S RECOMMENDATION)

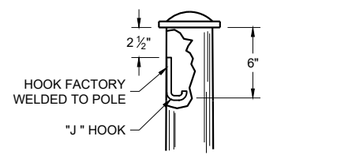


SIGNAL FACE VERTICAL MOUNTING DETAIL

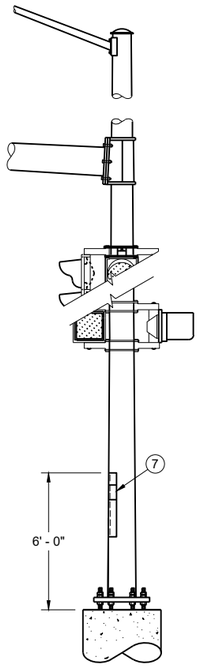


TYPICAL GROUNDING (5) CONNECTIONS

NUT, BOLT AND WASHERS SHALL BE STAINLESS STEEL



TYPICAL "J" HOOK WIRE SUPPORT (6)



STRUCTURAL IDENTIFICATION PLAQUE PLACEMENT

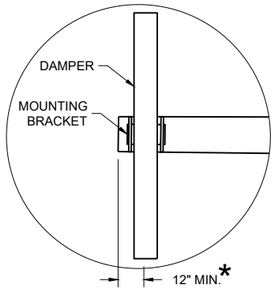
GENERAL NOTES AND HARDWARE FOR TYPES 9,10, 9/10 SPECIAL, 12 AND 13 POLES WITH MONOTUBE ARMS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

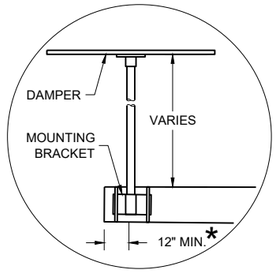
APPROVED
February 2026
DATE

/S/ Ahmet Demirbilek
STATE ELECTRICAL ENGINFFR

FHWA

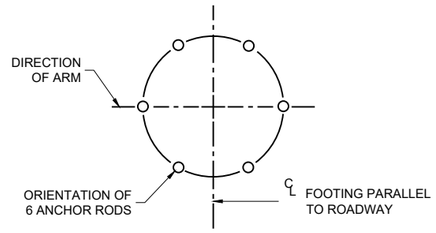


DUMBBELL VIBRATION DAMPER

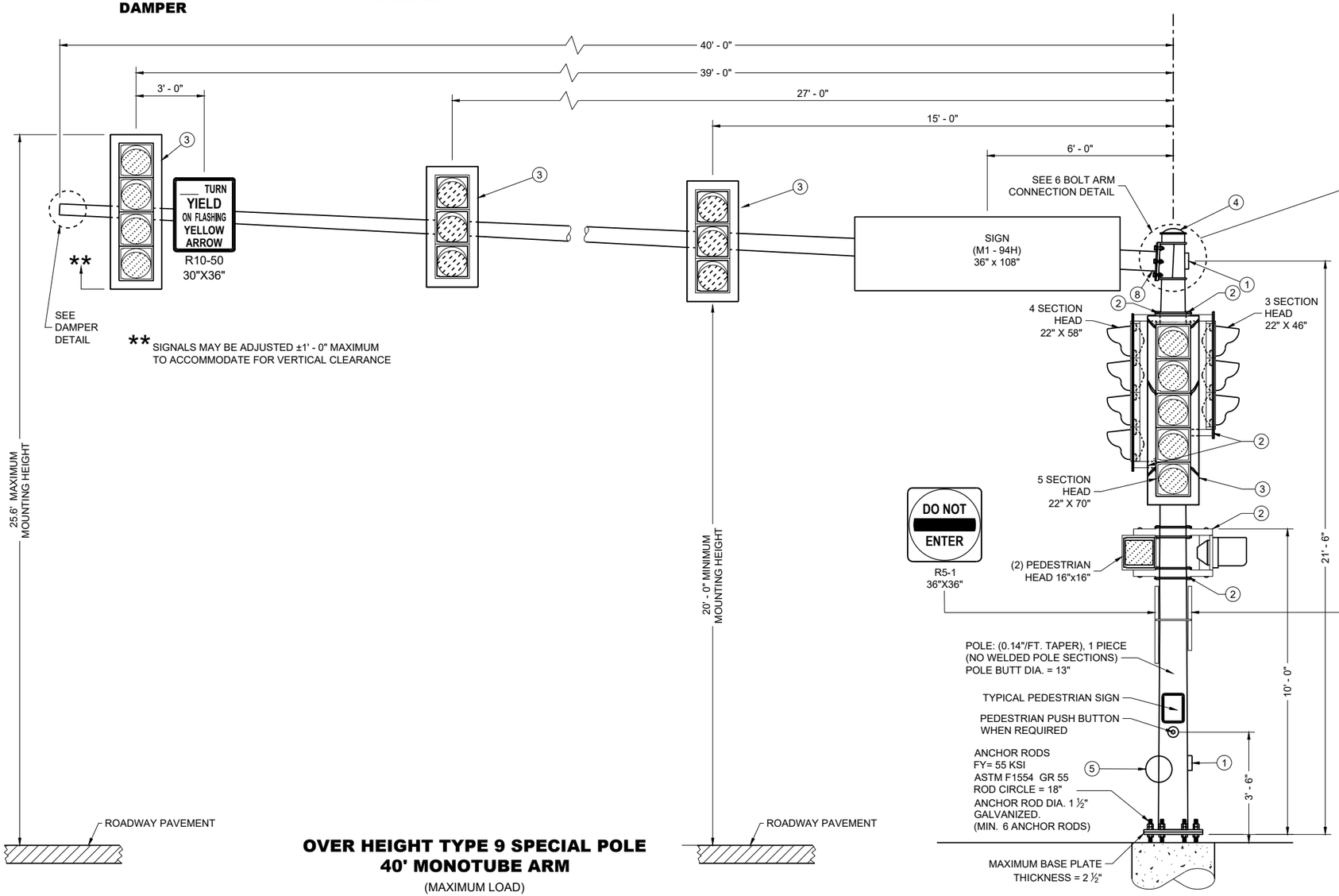


FLAT VIBRATION DAMPER

* MOUNT AS CLOSE TO END OF MAST ARM FOR MAXIMUM DAMPING PER MANUFACTURER'S RECOMMENDATIONS.

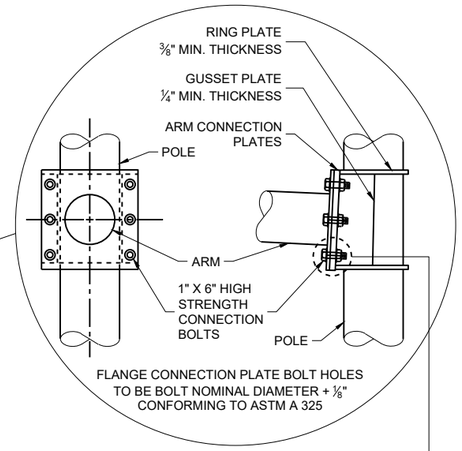


ANCHOR ROD LOCATION

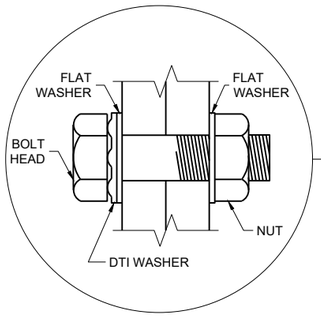


OVER HEIGHT TYPE 9 SPECIAL POLE
40' MONOTUBE ARM
(MAXIMUM LOAD)

** SIGNALS MAY BE ADJUSTED ±1' - 0" MAXIMUM TO ACCOMMODATE FOR VERTICAL CLEARANCE



6 BOLT ARM CONNECTION DETAIL



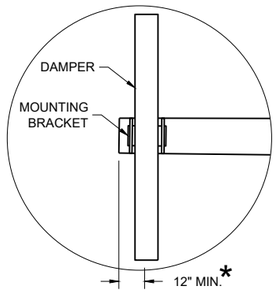
RECOMMENDED BOLT ASSEMBLY DETAIL

OVER HEIGHT TYPE 9
SPECIAL POLE
40' MONOTUBE ARM

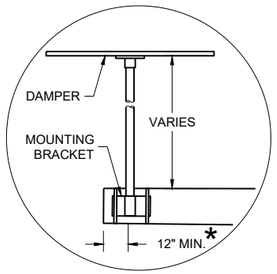
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

SDD 09E12-03c



DUMBBELL VIBRATION DAMPER



FLAT VIBRATION DAMPER

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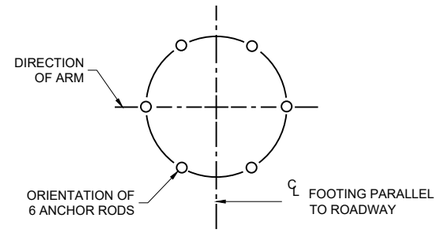
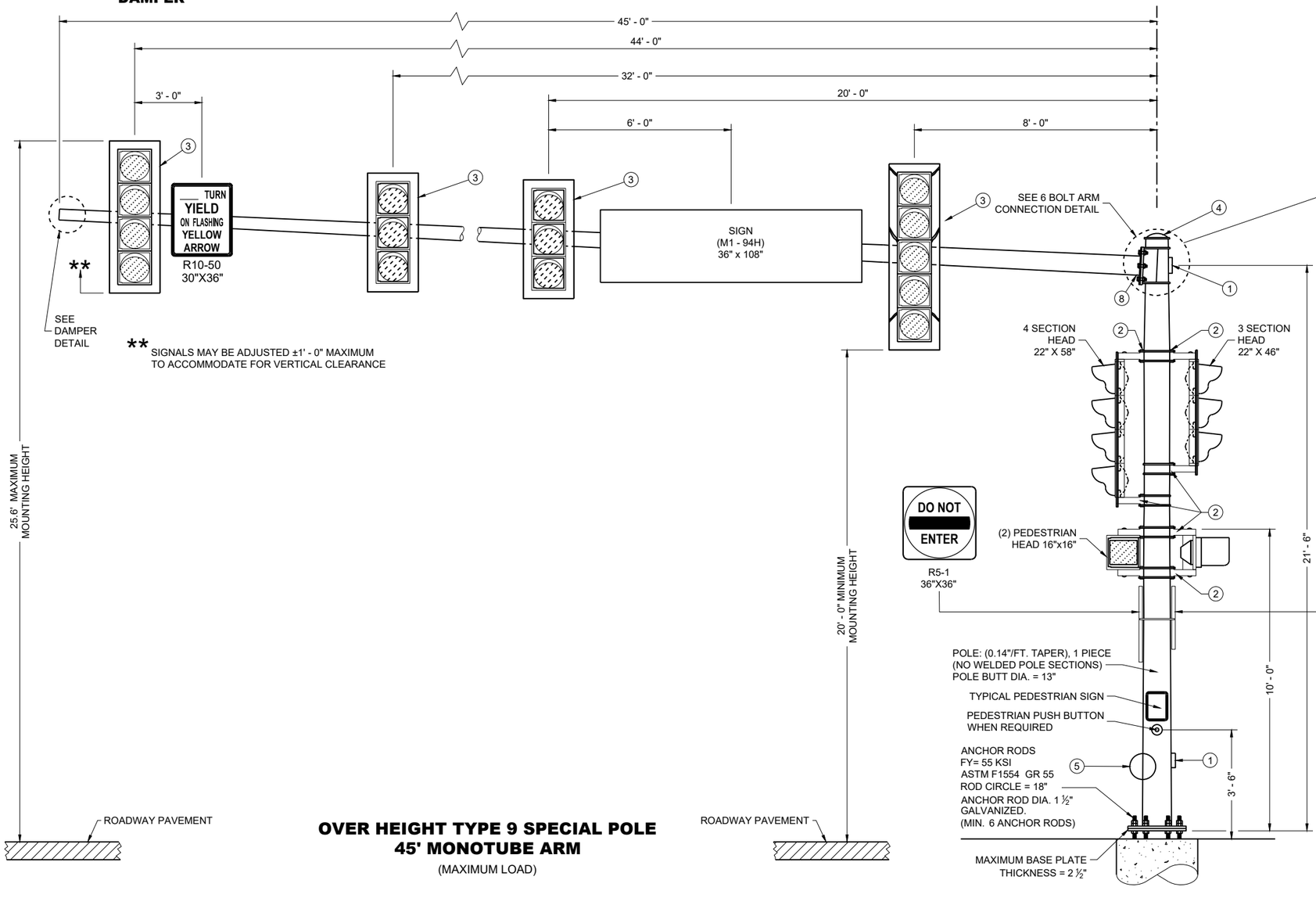
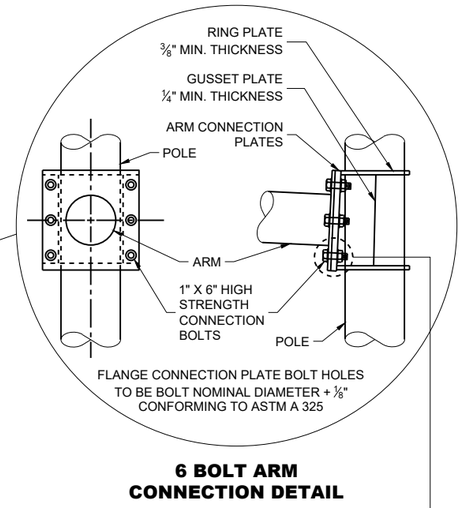


ANCHOR ROD LOCATION

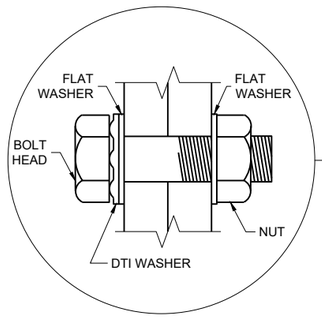


** SIGNALS MAY BE ADJUSTED ±1' - 0" MAXIMUM TO ACCOMMODATE FOR VERTICAL CLEARANCE

OVER HEIGHT TYPE 9 SPECIAL POLE
45' MONOTUBE ARM
(MAXIMUM LOAD)



6 BOLT ARM CONNECTION DETAIL



RECOMMENDED BOLT ASSEMBLY DETAIL

OVER HEIGHT TYPE 9
SPECIAL POLE
45' MONOTUBE ARM

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

SDD 09E12-03d

GENERAL NOTES

DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

OVER HEIGHT POLE TYPES 9 AND 10 ARE FOR ARM LENGTHS 15 FOOT TO 30 FOOT.

OVER HEIGHT POLE TYPES 9 SPECIAL AND 10 SPECIAL ARE FOR ARM LENGTHS 35 FOOT, 40 FOOT, AND 45 FOOT

OVER HEIGHT POLE TYPES 12 AND 13 ARE FOR ARM LENGTHS 35 FOOT TO 55 FOOT.

MONOTUBE POLES AND ARMS SHALL BE GALVANIZED STEEL.

RING STIFFENED BUILT UP BOX TYPE OF ATTACHMENT FOR TRAFFIC SIGNAL ARM.

ONE (1) PIECE POLE CONSTRUCTION (NO WELDED POLE SECTIONS).

STANDARD STRAIGHT ARM DESIGN (3% ± RISE).

SECTION 657, POLES OF THE STANDARD SPECIFICATION SHALL APPLY TO THIS DRAWING.

PROVIDE WIREWAY THRU POLE WALL AND ARM CONNECTION PLATES. PROVIDE ROUND, SMOOTH INSIDE SURFACE.

MANUFACTURER'S SUBMITTED POLE DESIGNS AND DRAWINGS SHALL BE SIGNED AND STAMPED BY A REGISTERED PROFESSIONAL ENGINEER AND CERTIFIED AS BEING IN COMPLIANCE WITH THE AASHTO "LRFD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNAL 2015 1ST EDITION (INCLUDING INTERIM REVISIONS)" AND ALL PERTINENT WISDOT SPECIFICATIONS AND DRAWINGS FOR THE LIGHTING STRUCTURES AS FOLLOWS:

CATEGORY III FATIGUE LOADS OF GALLOPING, TRUCK GUSTS (AT 45 MPH VEHICLE VELOCITY) AND NATURAL WIND GUSTS FOR DESIGN OF OVER HEIGHT TYPE 9 AND TYPE 10 STRUCTURES.

CATEGORY II FATIGUE LOADS OF TRUCK GUSTS (AT 45 MPH VEHICLE VELOCITY) AND NATURAL WIND GUSTS FOR DESIGN OF OVER HEIGHT TYPE 9 SPECIAL AND TYPE 10 SPECIAL STRUCTURES. IN LIEU OF DESIGNING FOR GALLOPING, A VIBRATION DAMPER MITIGATION DEVICE IS REQUIRED TO BE SUPPLIED AND INSTALLED AT THE END OF THE MAST ARM.

CATEGORY II FATIGUE FATIGUE LOADS OF GALLOPING, TRUCK GUSTS (AT 45 MPH VEHICLE VELOCITY) AND NATURAL WIND GUSTS FOR DESIGN OF OVER HEIGHT TYPE 12 AND TYPE 13 STRUCTURES.

115 MPH (700 YEAR MRI BASIC WIND SPEED).

SECURE THE OPENING BELOW THE BASE PLATE WITH STAINLESS STEEL OR GALVANIZED STEEL MESH AND SECURE THE MESH WITH ¾" STAINLESS STEEL BANDING AROUND THE LEVELING NUTS.

INDENT PRINT (NOMINAL ½" HIGH) THE POLE LENGTH AND FIRST TWO LETTERS OF THE MANUFACTURERS NAME ON TWO SIDES OF THE BASE PLATE 180 DEGREES APART, BEFORE GALVANIZING. THE ARM SHALL BE IDENTIFIED WITH THE SAME INFORMATION BY INDENT PRINT.

SIGNAL FACE SHALL BE MOUNTED 6 INCHES (NOMINAL) FROM THE END OF THE MONOTUBE ARM OR AS SHOWN ON THE PLAN CONSTRUCTION DETAIL OR AS DIRECTED BY THE PROJECT ENGINEER/ELECTRICAL OPERATIONS PERSONNEL. MOUNT ALL LIKE HEADS AT SAME ELEVATION.

SIGN MOUNTING BRACKETS SHALL BE FURNISHED IN ACCORDANCE WITH SECTION 637 OF THE STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION.

(1) DESIGN FOR MAXIMUM ALLOWABLE HAND HOLE WITH COVER ASSEMBLY WITH TWO ¼" X ¾" - 20 TPI STAINLESS STEEL HEX HEAD BOLTS.

(2) SIGNAL MOUNTING BRACKETS FOR POLE MOUNTING, MOUNT WITH CAP SCREW AND BANDING (SEE SPECIFICATION SECTION 658).

(3) SECURELY MOUNT BACK PLATES, PROJECTING 5" BEYOND ALL SIDES OF THE SIGNAL FACE HOUSING, PER MANUFACTURERS RECOMMENDATIONS.

(4) THE TOP OF THE POLE SHAFT AND THE MONOTUBE ARM SHALL BE EQUIPPED WITH A REMOVABLE, VENTILATED CAP HELD SECURELY IN PLACE WITH SET SCREWS.

(5) FACTORY WELDED BRACKET FOR GROUNDING LUG, OPPOSITE HAND HOLD, (LUG AND HARDWARE PAID UNDER SEPARATE ITEM). PROVIDE HOLE IN BRACKET FOR ¼" X ¾" - 20 TPI STAINLESS STEEL HEX HEAD BOLT.

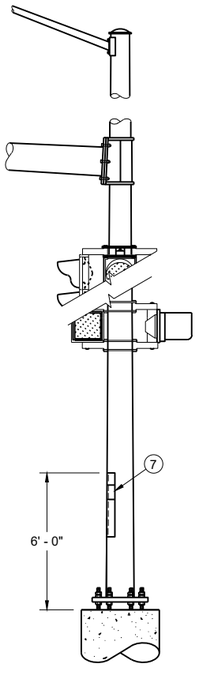
(6) FACTORY WELDED "J" HOOK FOR STRAIN RELIEF FOR POLE LUMINAIRE WIRE.

(7) INSTALL STRUCTURAL IDENTIFICATION PLAQUES.

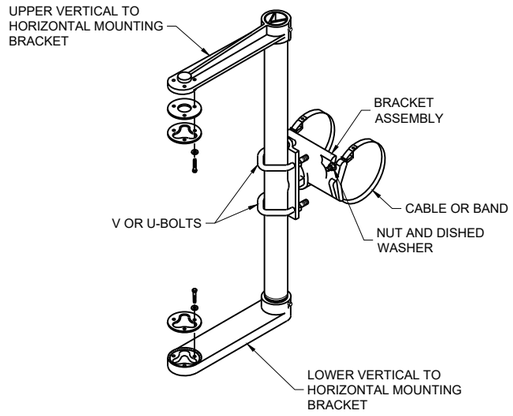
STRUCTURAL IDENTIFICATION PLAQUES SHALL BE PLACED ON THE POLES IN THE SAME DIRECTION AS THE ARM.

MOUNTING HEIGHT SHALL BE 6' - 0" ABOVE THE CURB OR SHOULDER. ADJUST IF IT IS KNOWN THAT REQUIRED TRAFFIC SIGNS WILL BE OBSTRUCTED.

(8) FACTORY DRILLED ½" DRAIN HOLE 2" FROM FLANGE CONNECTION PLATE.

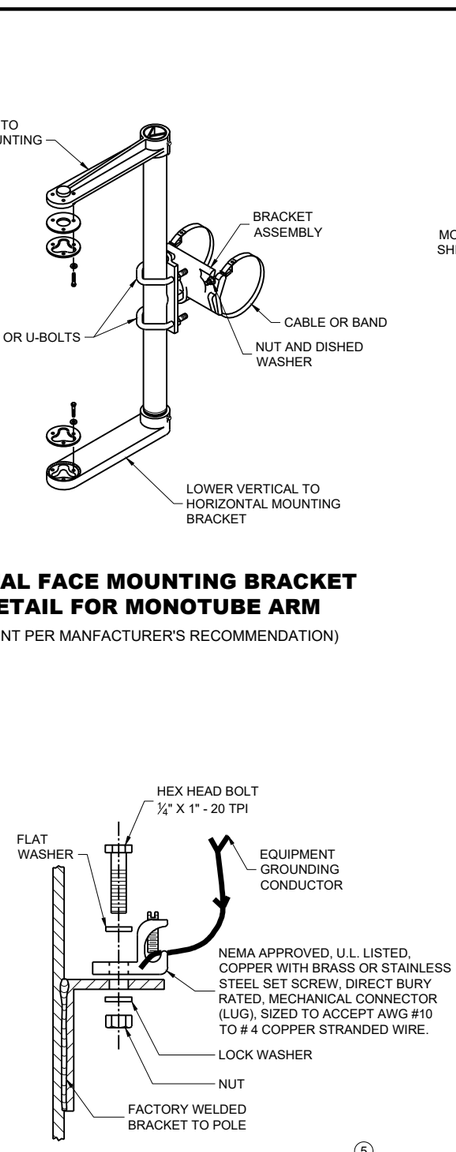


STRUCTURAL IDENTIFICATION PLAQUE PLACEMENT



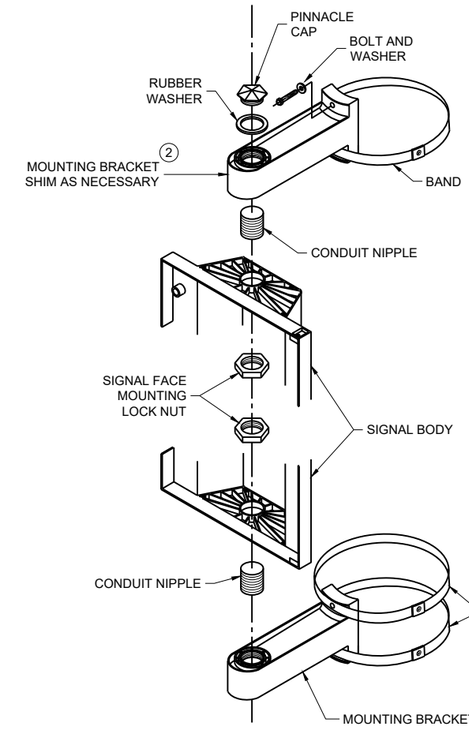
SIGNAL FACE MOUNTING BRACKET DETAIL FOR MONOTUBE ARM

(MOUNT PER MANFACTURER'S RECOMMENDATION)

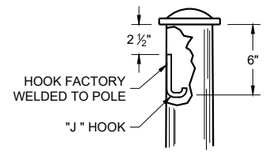


TYPICAL GROUNDING CONNECTIONS (5)

NUT, BOLT AND WASHERS SHALL BE STAINLESS STEEL



SIGNAL FACE VERTICAL MOUNTING DETAIL



(6)

TYPICAL "J" HOOK WIRE SUPPORT

GENERAL NOTES AND HARDWARE FOR OVER HEIGHT TYPE 9, 10, 9/10 SPECIAL, 12 AND 13 POLES WITH MONOTUBE ARMS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
February 2026
DATE

/S/ Ahmet Demirbilek
STATE ELECTRICAL ENGINEER

FHWA

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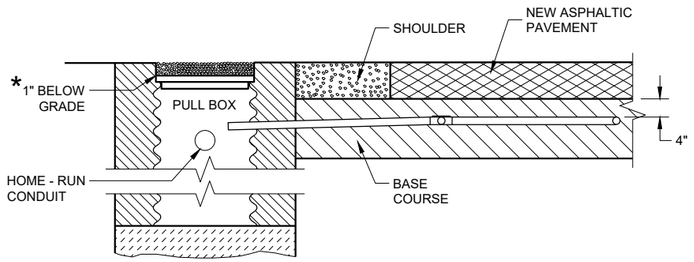
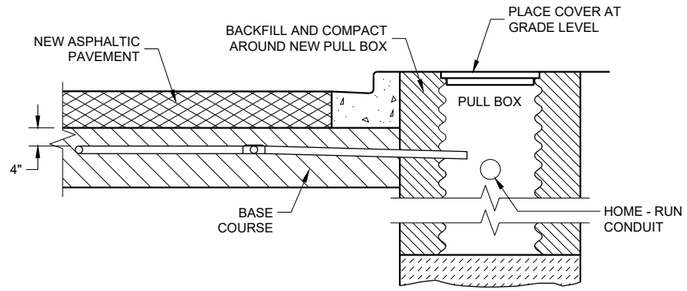
SDD 09E12-03k



SECTION A - A
NO CURB AND GUTTER

LOOP DETECTOR INSTALLATION DETAIL



SECTION B - B
CURB AND GUTTER

LOOP DETECTOR INSTALLATION DETAIL

* RECESS PULL BOX SO THAT THE COVER IS 3" BELOW GRADE IN SHOULDER AREAS OF CRUSHED AGGREGATE. BACKFILL OVER COVER WITH THE CRUSHED AGGREGATE TO BRING THE AREA TO GRADE LEVEL.

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

PITCH LEAD OUT CONDUIT TO DRAIN TO ROADSIDE PULL BOX.

LOOP SIZE, LOCATION, NUMBER OF TURNS OF WIRE AND ASSOCIATED SIGNAL PHASE SHALL BE AS SHOWN ON THE PLANS.

SPLICES SHALL BE INSTALLED BY USING CAST IN PLACE SPLICE KITS LISTED ON THE DEPARTMENTS APPROVED PRODUCTS LIST OR AN ENGINEER APPROVED EQUAL. NON-INSULATED BUTT SPLICES TO FIT #12 AWG STRANDED WIRE SHALL BE USED. SPLICES SHALL BE SOLDERED AND INSULATED FROM EACH OTHER AS PER INSTRUCTIONS INCLUDED IN THE SPLICE KIT.

MEASURE GROUND RESISTANCE USING A MEGGER. REPLACE LOOP WIRE NOT ATTAINING A READING OF INFINITY TO GROUND.

AFTER SPLICING THE LOOP WIRE TO THE LOOP LEAD-IN CABLE, THE CONTRACTOR SHALL MEASURE INDUCTANCE, GROUND RESISTANCE AND WIRE RESISTANCE AT THE CABINET END OF THE LEAD-IN CABLE AND FURNISH A COPY OF THE READING TO THE PROJECT ENGINEER FOR EVALUATION.

LOOP DETECTOR LEADS SHALL BE IDENTIFIED WITH THEIR ASSOCIATED LOOP BY USE OF WATERPROOF TAGS AT BOTH ENDS OF THE CABLE. A LISTING OF THE CABLE IDENTIFICATION PER INDIVIDUAL LOOP LEAD-IN SHALL BE PLACED IN THE CABINET.

THE #12 AWG LOOP WIRE FROM THE LOOP TO THE ROADSIDE PULL BOX, SHALL BE HAND TWISTED AT LEAST 3 TWISTS PER FOOT BEFORE INSTALLATION.

SPLICES OF LOOP WIRE TO LEAD-IN CABLE SHALL BE MADE ONLY IN PULL BOXES AT THE SIDE OF THE ROAD.

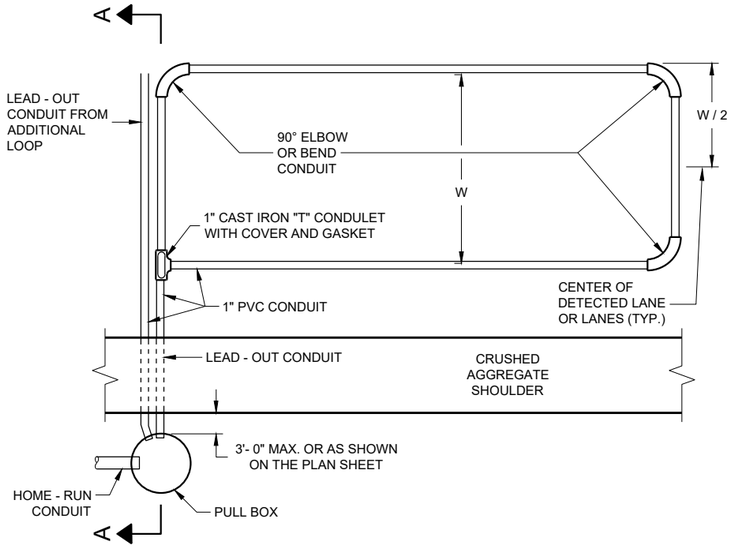
THE #12 AWG LOOP WIRE SHALL BE INSTALLED FROM THE ROADSIDE PULL BOX, THROUGH THE LOOP DUCT, BACK TO THE ROADSIDE PULL BOX, AND BE INSTALLED IN ONE NON-SPLICED, CONTINUOUS LENGTH.

PROTECTION OF THE PULL BOX IN THE BASE COURSE, AND THE RELATED CONDUITS SHALL BE REQUIRED AFTER INSTALLATION AND BEFORE NEW CONCRETE PAVEMENT IS POURED.

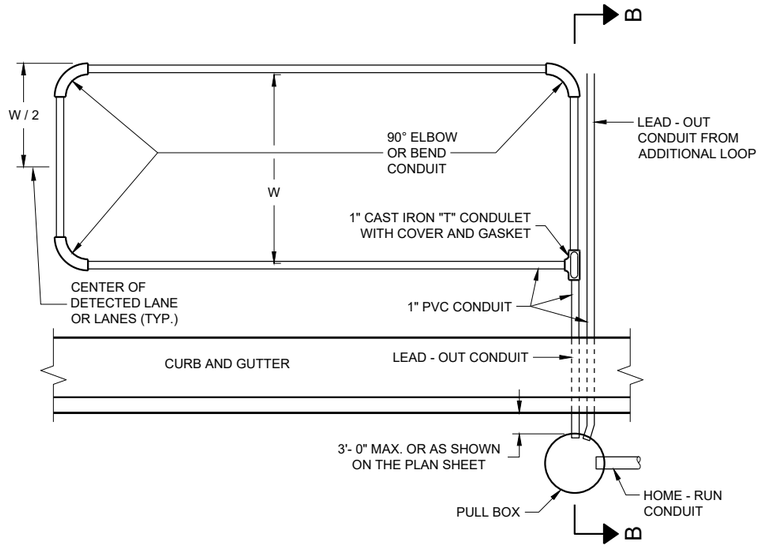
PROTECTION OF THE PULL BOX AND CONDULET SHALL BE REQUIRED AFTER THE ASPHALTIC PAVEMENT IS PLACED.

WHEN MULTIPLE LAYERS OF ASPHALTIC PAVEMENT ARE TO BE PLACED, LOOPS MAY BE INSTALLED BY SAWING A TWO INCH WIDE SLOT IN THE FIRST LAYER, DIG OUT THE ASPHALTIC MATERIAL AND BASE COURSE, PLACE THE LOOP, FILL THE SLOT WITH BASE COURSE MATERIAL AND NEW ASPHALTIC MATERIAL AND TAMP THE ASPHALTIC MATERIAL IN PLACE.

SHOULD TRAFFIC BE ALLOWED TO USE THE AREA OF ROADWAY WITH THE NEWLY INSTALLED LOOP BEFORE THE PLACEMENT OF THE NEXT LAYER OF ASPHALTIC PAVEMENT, THE SLOT/PAVEMENT OPENING SHALL BE SEALED WITH HOT POURED ELASTIC TYPE MATERIAL CONFORMING TO THE REQUIREMENTS OF THE "SPECIFICATION FOR JOINT SEALANTS, HOT POURED, FOR CONCRETE AND ASPHALT PAVEMENTS, ASTM DESIGNATION: D3405".



TYPICAL PLAN OF LOOP DETECTOR



TYPICAL PLAN OF LOOP DETECTOR

LOOP DETECTOR PLACED IN CRUSHED AGGREGATE BASE (NEW ASPHALTIC PAVEMENT)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
September 2014
DATE
/S/ Ahmet Demirbilek
STATE ELECTRICAL ENGI 714

FHWA

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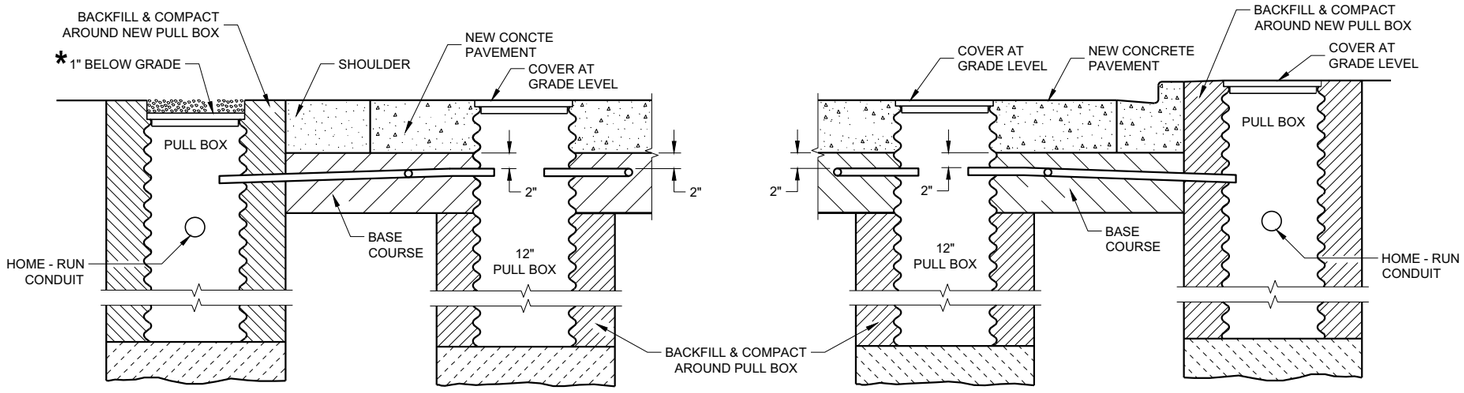
SDD 09F08 - 04



SECTION A - A
NO CURB AND GUTTER

LOOP DETECTOR INSTALLATION DETAIL

SECTION B - B
CURB AND GUTTER

LOOP DETECTOR INSTALLATION DETAIL

* RECESS PULL BOX SO THAT THE COVER IS 3" BELOW GRADE IN SHOULDER AREAS OF CRUSHED AGGREGATE. BACKFILL OVER COVER WITH THE CRUSHED AGGREGATE TO BRING THE AREA TO GRADE LEVEL.

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

PITCH LEAD OUT CONDUIT TO DRAIN TO ROADSIDE PULL BOX.

LOOP SIZE, LOCATION, NUMBER OF TURNS OF WIRE AND ASSOCIATED SIGNAL PHASE SHALL BE AS SHOWN ON THE PLANS.

SPLICES SHALL BE INSTALLED BY USING CAST IN PLACE SPLICE KITS LISTED ON THE DEPARTMENTS APPROVED PRODUCTS LIST OR AN ENGINEER APPROVED EQUAL. NON-INSULATED BUTT SPLICES TO FIT #12 AWG STRANDED WIRE SHALL BE USED. SPLICES SHALL BE SOLDERED AND INSULATED FROM EACH OTHER AS PER INSTRUCTIONS INCLUDED IN THE SPLICE KIT.

MEASURE GROUND RESISTANCE USING A MEGGER. REPLACE LOOP WIRE NOT ATTAINING A READING OF INFINITY TO GROUND.

AFTER SPLICING THE LOOP WIRE TO THE LOOP LEAD-IN CABLE, THE CONTRACTOR SHALL MEASURE INDUCTANCE, GROUND RESISTANCE AND WIRE RESISTANCE AT THE CABINET END OF THE LEAD-IN CABLE AND FURNISH A COPY OF THE READING TO THE PROJECT ENGINEER FOR EVALUATION.

LOOP DETECTOR LEADS SHALL BE IDENTIFIED WITH THEIR ASSOCIATED LOOP BY USE OF WATERPROOF TAGS AT BOTH ENDS OF THE CABLE. A LISTING OF THE CABLE IDENTIFICATION PER INDIVIDUAL LOOP LEAD-IN SHALL BE PLACED IN THE CABINET.

ANY PVC LEADOUT CONDUIT CONTAINING MORE THAN ONE TWISTED PAIR OF LOOP LEAD WIRE SHALL BE 2".

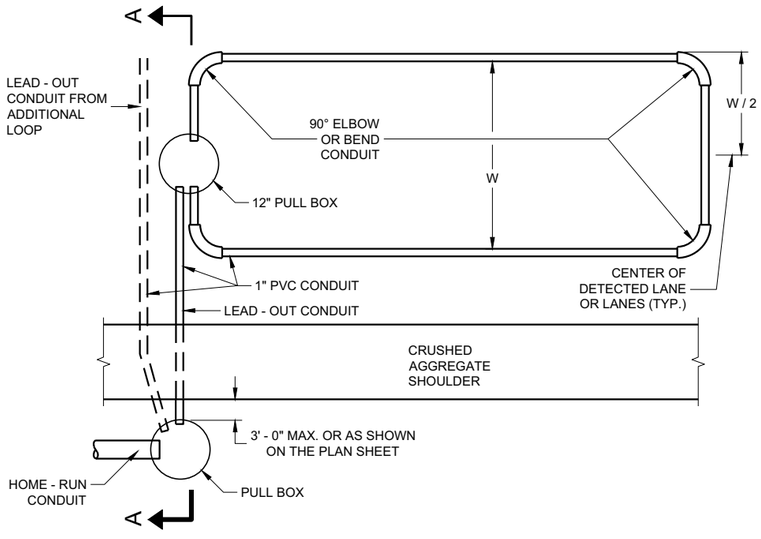
THE #12 AWG LOOP WIRE FROM THE LOOP TO THE ROADSIDE PULL BOX, SHALL BE HAND TWISTED AT LEAST 3 TWISTS PER FOOT BEFORE INSTALLATION.

SPLICES OF LOOP WIRE TO LEAD-IN CABLE SHALL BE MADE ONLY IN PULL BOXES AT THE SIDE OF THE ROAD.

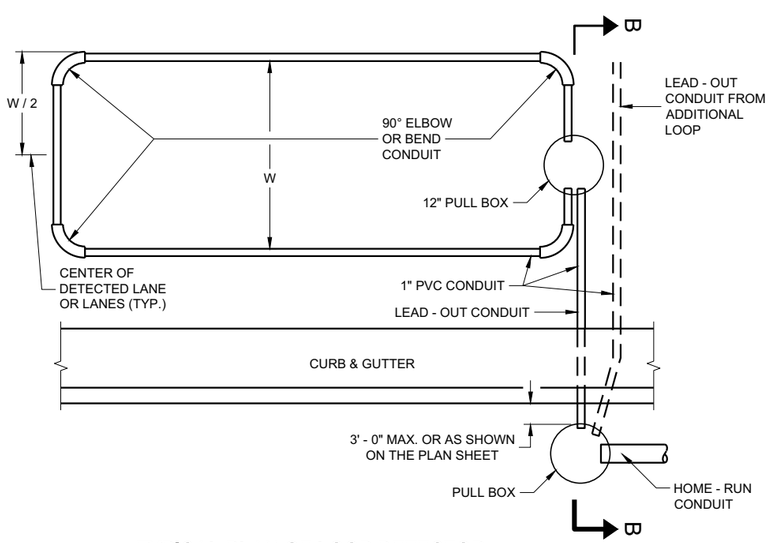
THE #12 AWG LOOP WIRE SHALL BE INSTALLED FROM THE ROADSIDE PULL BOX, INTO THE PULL BOX IN THE PAVEMENT, THROUGH THE LOOP CONDUIT, BACK TO THE ROADSIDE PULL BOX, AND BE INSTALLED IN ONE NON-SPLICED CONTINUOUS LENGTH.

PROTECTION OF THE CONDUIT, CONDULET, PULL BOX SHALL BE REQUIRED AFTER INSTALLATION AND BEFORE NEW CONCRETE PAVEMENT IS POURED.

12" PULL BOXES IN PAVEMENT SHALL BE CORRUGATED STEEL ONLY.



TYPICAL PLAN OF LOOP DETECTOR WITH 12" PULLBOX



TYPICAL PLAN OF LOOP DETECTOR WITH 12" PULLBOX

LOOP DETECTOR PLACED IN CRUSHED AGGREGATE BASE (NEW CONCRETE PAVEMENT)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2018
DATE
/S/ Ahmet Demirbilek
STATE ELECTRICAL ENGI

FHWA

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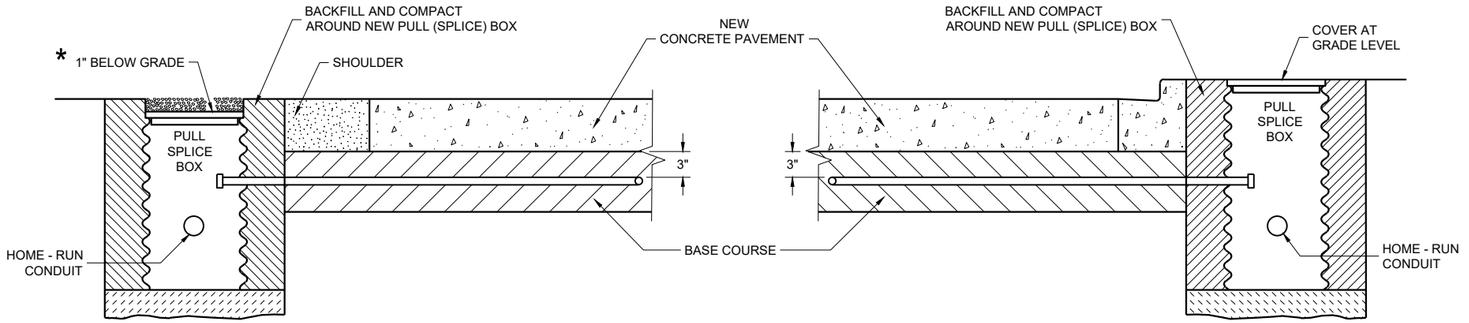
SDD 09F09 - 05



SECTION A - A
NO CURB AND GUTTER

SECTION B - B
CURB AND GUTTER

* RECESS PULL (SPLICE) BOX SO THAT THE COVER IS 3" BELOW GRADE IN SHOULDER AREAS OF CRUSHED AGGREGATE. BACKFILL OVER COVER WITH THE CRUSHED AGGREGATE TO BRING THE AREA TO GRADE LEVEL.

LOOP DETECTOR INSTALLATION DETAIL

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

PITCH LEAD OUT CONDUIT TO DRAIN TO ROADSIDE PULL (SPLICE) BOX.

LOOP SIZE, LOCATION, NUMBER OF TURNS OF WIRE AND ASSOCIATED SIGNAL PHASE SHALL BE AS SHOWN ON THE PLANS.

SPLICES SHALL BE INSTALLED BY USING CAST IN PLACE SPLICE KITS LISTED ON THE DEPARTMENTS APPROVED PRODUCTS LIST OR AN ENGINEER APPROVED EQUAL. NON-INSULATED BUTT SPLICES TO FIT #12 AWG STRANDED WIRE SHALL BE USED. SPLICES SHALL BE SOLDERED AND INSULATED FROM EACH OTHER AS PER INSTRUCTIONS INCLUDED IN THE SPLICE KIT.

MEASURE GROUND RESISTANCE USING A MEGGER. REPLACE LOOP WIRE NOT ATTAINING A READING OF INFINITY TO GROUND.

AFTER SPLICING THE LOOP WIRE TO THE LOOP LEAD-IN CABLE, THE CONTRACTOR SHALL MEASURE INDUCTANCE, GROUND RESISTANCE AND WIRE RESISTANCE AT THE CABINET END OF THE LEAD-IN CABLE AND FURNISH A COPY OF THE READING TO THE PROJECT ENGINEER FOR EVALUATION.

LOOP DETECTOR LEADS SHALL BE IDENTIFIED WITH THEIR ASSOCIATED LOOP BY USE OF WATERPROOF TAGS AT BOTH ENDS OF THE CABLE. A LISTING OF THE CABLE IDENTIFICATION PER INDIVIDUAL LOOP LEAD-IN SHALL BE PLACED IN THE CABINET.

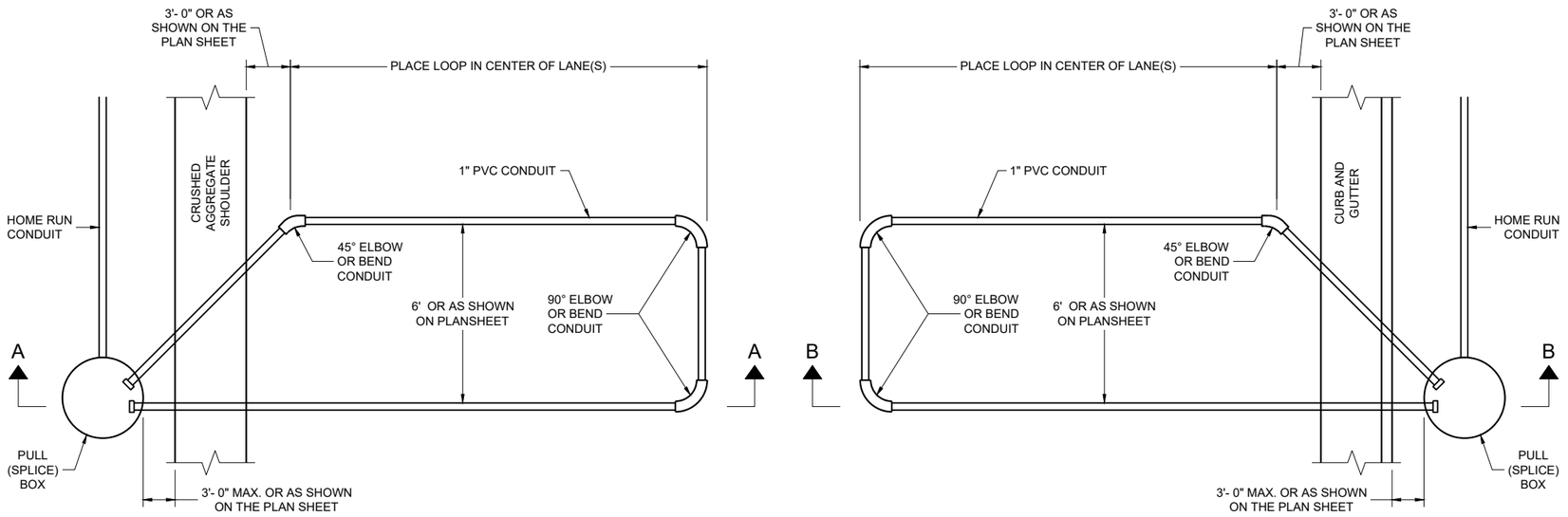
THE #12 AWG LOOP WIRE IN THE ROADSIDE PULL (SPLICE) BOX SHALL BE HAND TWISTED AT LEAST 3 TWISTS PER FOOT BEFORE BEING SPLICED TO THE LOOP LEAD-IN CABLE.

SPLICES OF LOOP WIRE TO LEAD-IN CABLE SHALL BE MADE ONLY IN PULL (SPLICE) BOXES AT THE SIDE OF THE ROAD.

THE #12 AWG LOOP WIRE SHALL BE INSTALLED FROM THE ROADSIDE PULL (SPLICE) BOX, THROUGH THE LOOP CONDUIT, BACK TO THE ROADSIDE PULL (SPLICE) BOX, AND BE INSTALLED IN ONE NON-SPLICED, CONTINUOUS LENGTH.

PROTECTION OF THE CONDUIT IN THE BASE COURSE SHALL BE REQUIRED AFTER INSTALLATION AND BEFORE NEW PAVEMENT IS INSTALLED.

SHOULD INSTALLATION REPAIR BE REQUIRED, IT SHALL BE DONE UNDER THE DIRECTION OF THE PROJECT ENGINEER.



TYPICAL PLAN LOOP DETECTOR
WITH 18" OR 24" PULL (SPLICE) BOX

LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 1)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

SDD 09F15-05a

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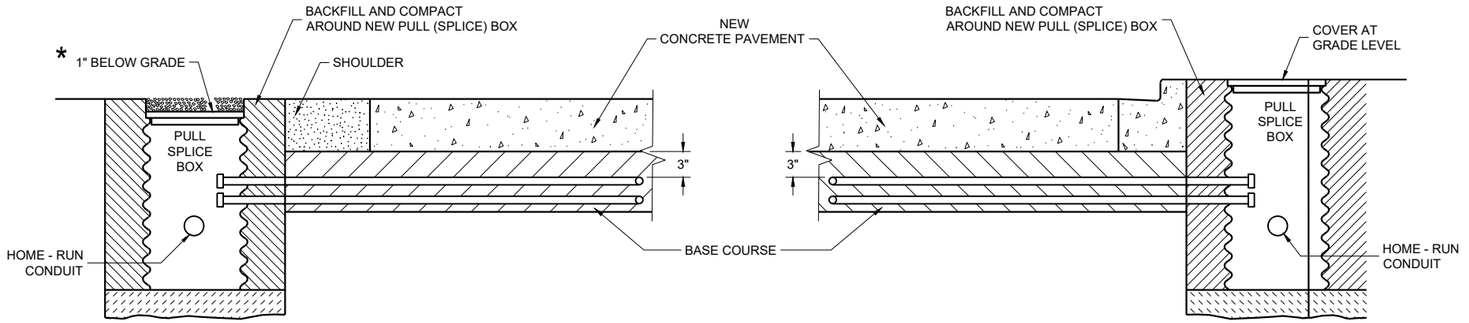
SDD 09F15-05a



SECTION A - A
NO CURB AND GUTTER

SECTION B - B
CURB AND GUTTER

* RECESS PULL (SPLICE) BOX SO THAT THE COVER IS 3" BELOW GRADE IN SHOULDER AREAS OF CRUSHED AGGREGATE. BACKFILL OVER COVER WITH THE CRUSHED AGGREGATE TO BRING THE AREA TO GRADE LEVEL.

LOOP DETECTOR INSTALLATION DETAIL

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

PITCH LEAD OUT CONDUIT TO DRAIN TO ROADSIDE PULL (SPLICE) BOX.

LOOP SIZE, LOCATION, NUMBER OF TURNS OF WIRE AND ASSOCIATED SIGNAL PHASE SHALL BE AS SHOWN ON THE PLANS.

SPLICES SHALL BE INSTALLED BY USING CAST IN PLACE SPLICE KITS LISTED ON THE DEPARTMENTS APPROVED PRODUCTS LIST OR AN ENGINEER APPROVED EQUAL. NON-INSULATED BUTT SPLICES TO FIT #12 AWG STRANDED WIRE SHALL BE USED. SPLICES SHALL BE SOLDERED AND INSULATED FROM EACH OTHER AS PER INSTRUCTIONS INCLUDED IN THE SPLICE KIT.

MEASURE GROUND RESISTANCE USING A MEGGER. REPLACE LOOP WIRE NOT ATTAINING A READING OF INFINITY TO GROUND.

AFTER SPLICING THE LOOP WIRE TO THE LOOP LEAD-IN CABLE, THE CONTRACTOR SHALL MEASURE INDUCTANCE, GROUND RESISTANCE AND WIRE RESISTANCE AT THE CABINET END OF THE LEAD-IN CABLE AND FURNISH A COPY OF THE READING TO THE PROJECT ENGINEER FOR EVALUATION.

LOOP DETECTOR LEADS SHALL BE IDENTIFIED WITH THEIR ASSOCIATED LOOP BY USE OF WATERPROOF TAGS AT BOTH ENDS OF THE CABLE. A LISTING OF THE CABLE IDENTIFICATION PER INDIVIDUAL LOOP LEAD-IN SHALL BE PLACED IN THE CABINET.

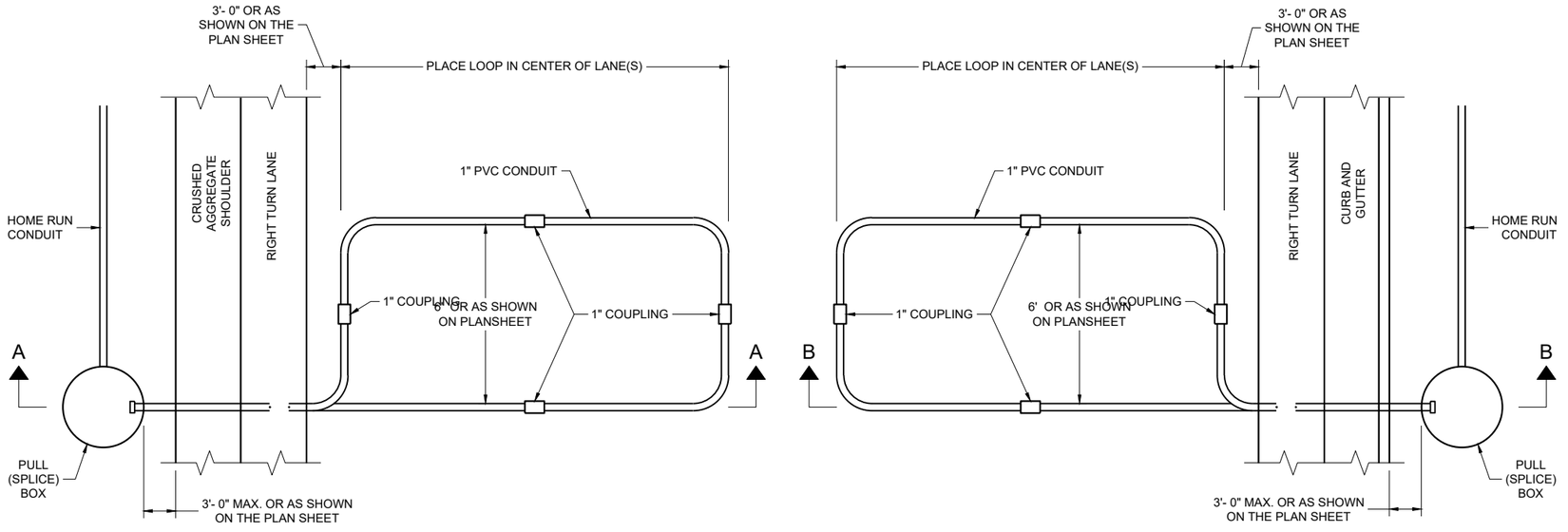
THE #12 AWG LOOP WIRE IN THE PULL (SPLICE) BOX SHALL BE HAND TWISTED AT LEAST 3 TWISTS PER FOOT BEFORE BEING SPLICED TO THE LOOP LEAD-IN CABLE.

SPLICES OF LOOP WIRE TO LEAD-IN CABLE SHALL BE MADE ONLY IN PULL (SPLICE) BOXES AT THE SIDE OF THE ROAD.

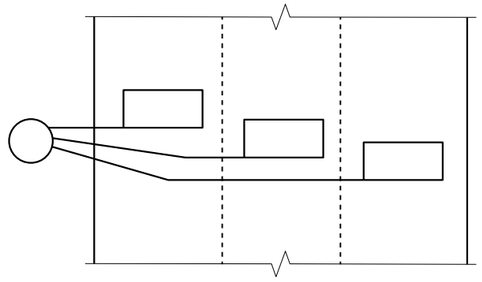
THE #12 AWG LOOP WIRE SHALL BE INSTALLED FROM THE ROADSIDE PULL (SPLICE) BOX, THROUGH THE LOOP CONDUIT, BACK TO THE ROADSIDE PULL (SPLICE) BOX, AND BE INSTALLED IN ONE NON-SPLICED, CONTINUOUS LENGTH.

PROTECTION OF THE CONDUIT IN THE BASE COURSE SHALL BE REQUIRED AFTER INSTALLATION AND BEFORE NEW PAVEMENT IS INSTALLED.

SHOULD INSTALLATION REPAIR BE REQUIRED, IT SHALL BE DONE UNDER THE DIRECTION OF THE PROJECT ENGINEER.



TYPICAL PLAN LOOP DETECTOR
WITH 24" PULL (SPLICE) BOX



MULTI-LANE
INSTALLATION

LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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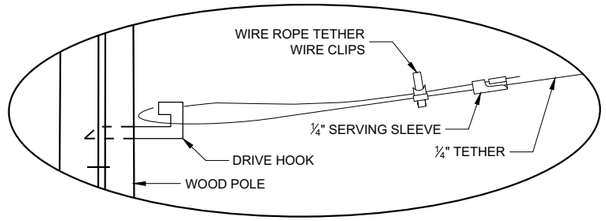
SDD 09F15-05b

MINIMUM POLE LENGTHS	POLE BURIAL DEPTHS
25'	5'
30'	6'
35'	7'
40'	8'
45'	9'

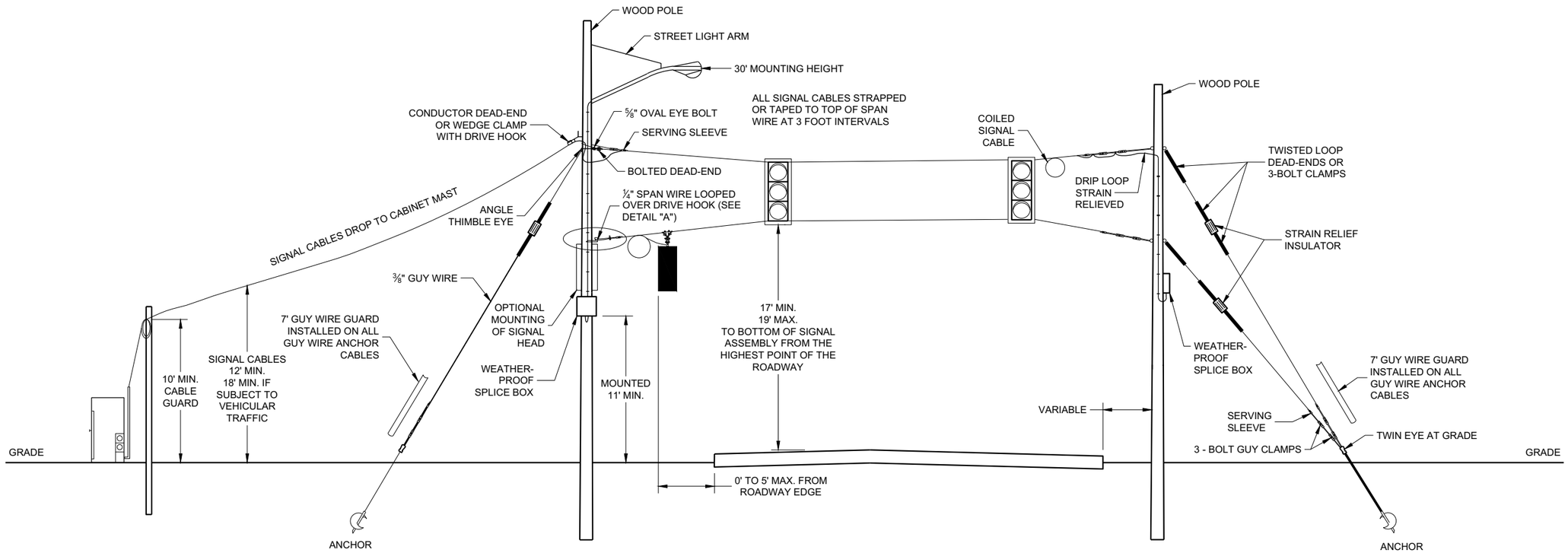


DETAIL "A"

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

1. WOOD POLES SHALL BE CLASS 4. LENGTH DETERMINED BY SIGNAL PLAN.
2. SIGNAL FACES:
   A. ALL SECTIONS SHALL BE 12" AND POLYCARBONATE.
   B. EACH SHALL CONTAIN A 5" WIDE DULL BLACK POLYCARBONATE BACKPLATE.
   C. EACH SHALL BE WIRED FROM THE TOP SIGNAL MOUNTING BRACKET.
   D. NEAR RIGHT SIGNAL FACE SUSPENDED ON THE TETHER (NO BACKPLATE) SHALL NOT BE OVER THE TRAVELED WAY. IF THE POLE IS WITHIN 5 FEET OF THE TRAVELED WAY MOUNT THE SIGNAL FACE ON THE WOOD POLE WITH BACKPLATE.
3. SPAN WIRE:
   A. EACH SPAN WIRE SHALL BE INDIVIDUALLY DOWN GUYED
   B. SIGNAL AND LIGHTING CABLES SHALL ONLY BE ATTACHED TO THE UPPER SPAN WIRE.
   C. THE SIGNAL ASSEMBLY SHALL HAVE A 17' MIN. HEIGHT ABOVE THE ROADWAY. THIS SHALL BE MEASURED AFTER THE SPAN WIRE INSTALLATION IS COMPLETED WITH ALL CABLES AND SIGNAL FACES IN PLACE. MAINTAIN MINIMUM AND MAXIMUM HEIGHTS AS ROADWAY WORK PROGRESSES.



SPAN WIRE
TEMPORARY SIGNALS

SPAN WIRE TEMPORARY TRAFFIC SIGNAL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
June 2015
DATE
/S/ Ahmet Demerbilek
STATE ELECTRICAL ENGI 718

FHWA

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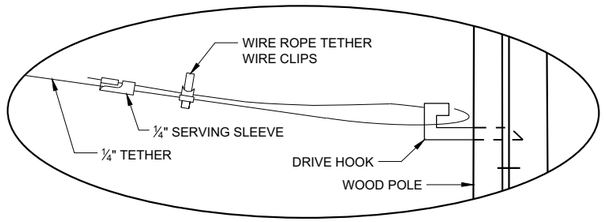
SDD09G01 - 04a

SDD09G01 - 04a

MINIMUM POLE LENGTHS	CLASS	POLE BURIAL DEPTHS
25'	V	5'
30'	V	6'
35'	IV	7'
40'	IV	8'
45'	IV	9'



DETAIL "A"

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

1. WOOD POLES SHALL BE CLASS 4. LENGTH DETERMINED BY SIGNAL PLAN.
2. SIGNAL FACES:
   A. ALL SECTIONS SHALL BE 12" AND POLYCARBONATE.
   B. EACH SHALL CONTAIN A 5" WIDE DULL BLACK POLYCARBONATE BACKPLATE.
   C. EACH SHALL BE WIRED FROM THE TOP SIGNAL MOUNTING BRACKET.
   D. NEAR RIGHT SIGNAL FACE SUSPENDED ON THE TETHER (NO BACKPLATE) SHALL NOT BE OVER THE TRAVELED WAY. IF THE POLE IS WITHIN 5 FEET OF THE TRAVELED WAY MOUNT THE SIGNAL FACE ON THE WOOD POLE WITH BACKPLATE.
   E. FAR INDICATION SHALL BE MAINTAINED OVER CENTER OF TRAFFIC LANE.
3. SPAN WIRE:
   A. EACH SPAN WIRE SHALL BE INDIVIDUALLY DOWN GUYED
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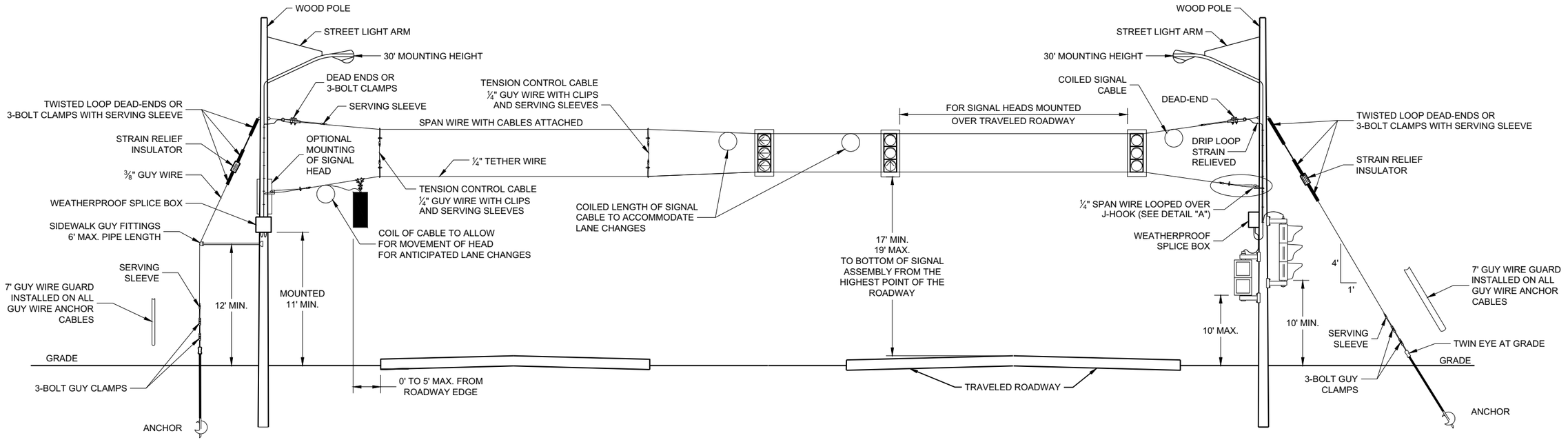

SPAN WIRE
TEMPORARY SIGNALS
4 LANE ROADWAYS

SPAN WIRE TEMPORARY TRAFFIC SIGNAL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
June 2015
DATE

/S/ Ahmet Demerbilek
STATE ELECTRICAL ENGI

FHWA

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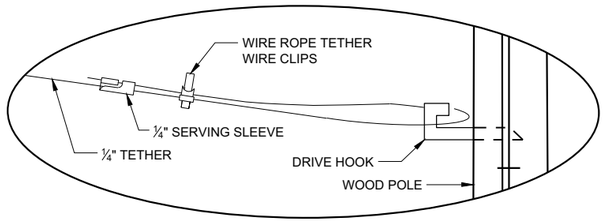
SDD09G01 - 04b

MINIMUM POLE LENGTHS	CLASS	POLE BURIAL DEPTHS
25'	V	5'
30'	V	6'
35'	IV	7'
40'	IV	8'
45'	IV	9'



DETAIL "A"

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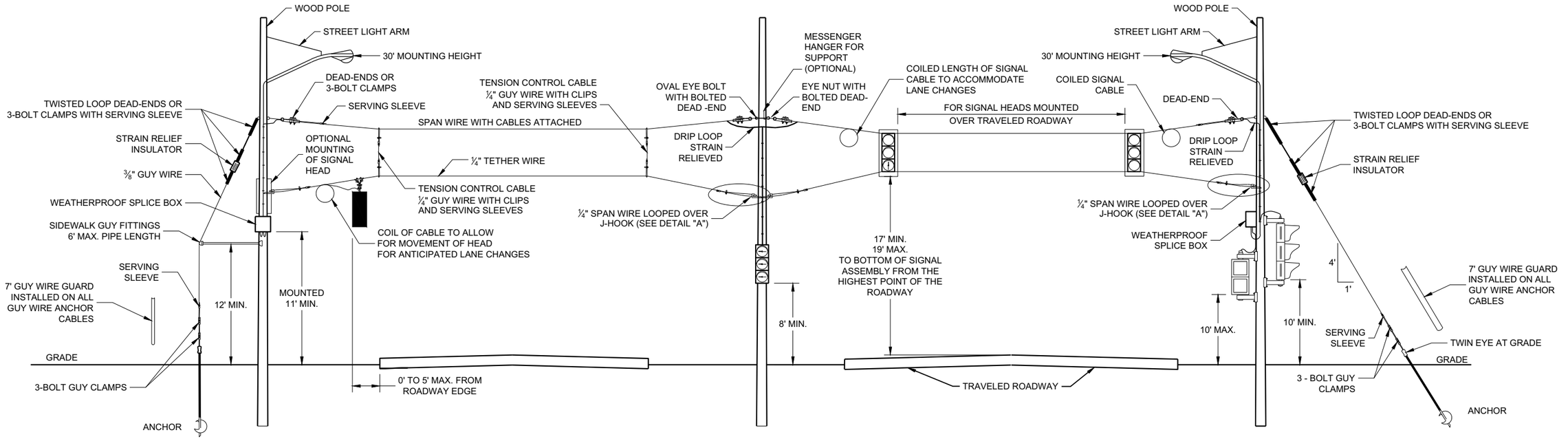

SPAN WIRE
TEMPORARY SIGNALS
4 LANE ROADWAYS

SPAN WIRE TEMPORARY TRAFFIC SIGNAL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
June 2015
DATE

/S/ Ahmet Demerbilek
STATE ELECTRICAL ENGI

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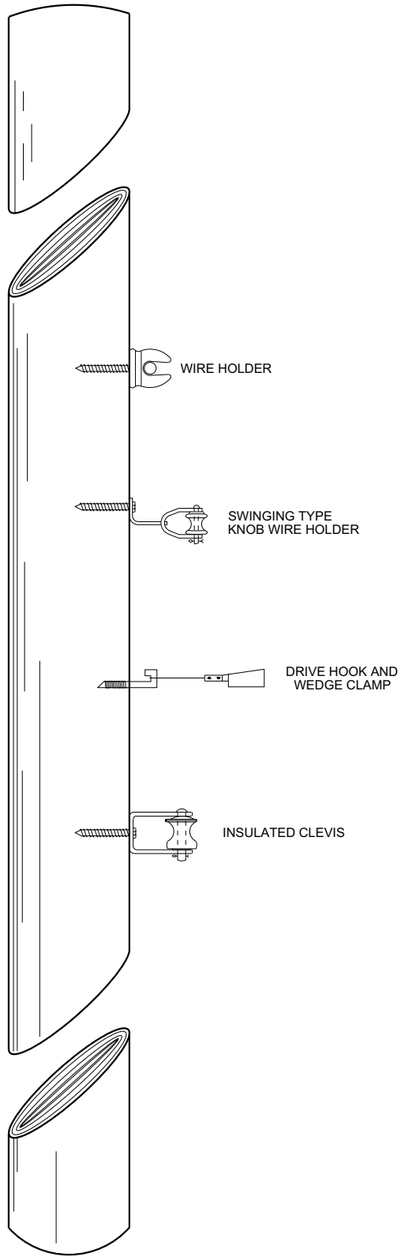
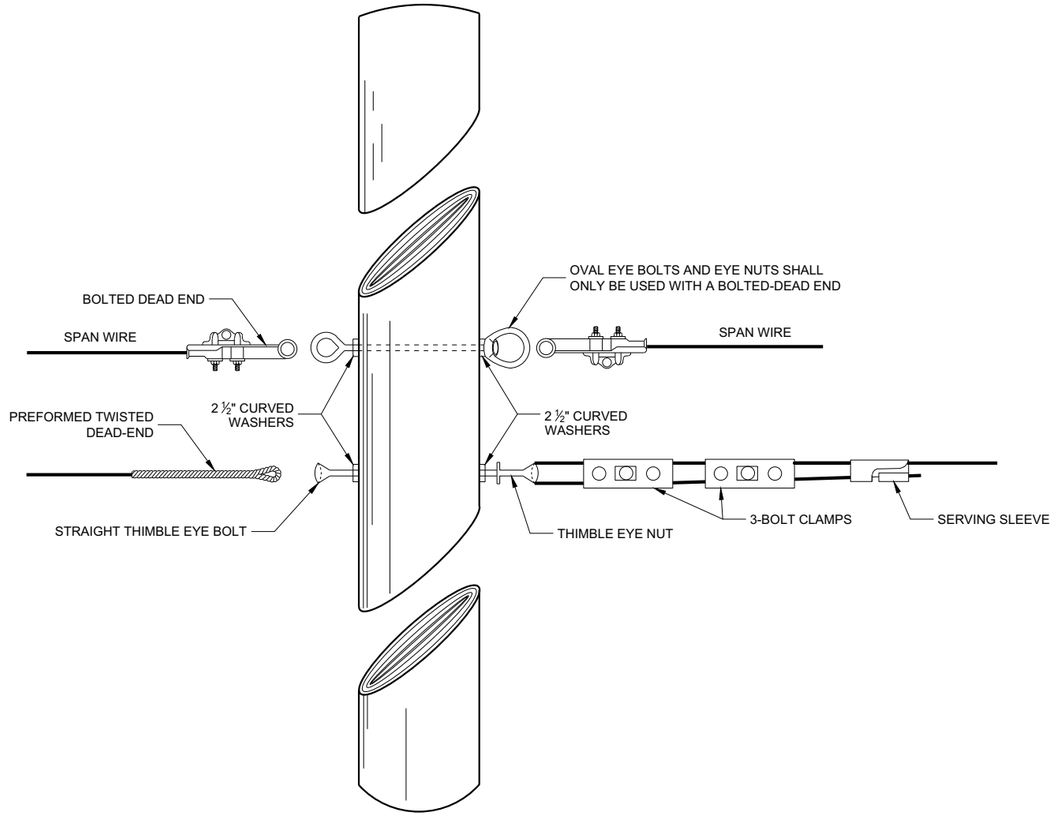
SDD09G01 - 04c

SDD09G01 - 04c





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SDD 09G01 - 4d

SDD 09G01 - 4d

SPAN WIRE TEMPORARY TRAFFIC SIGNAL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

June 2015
DATE

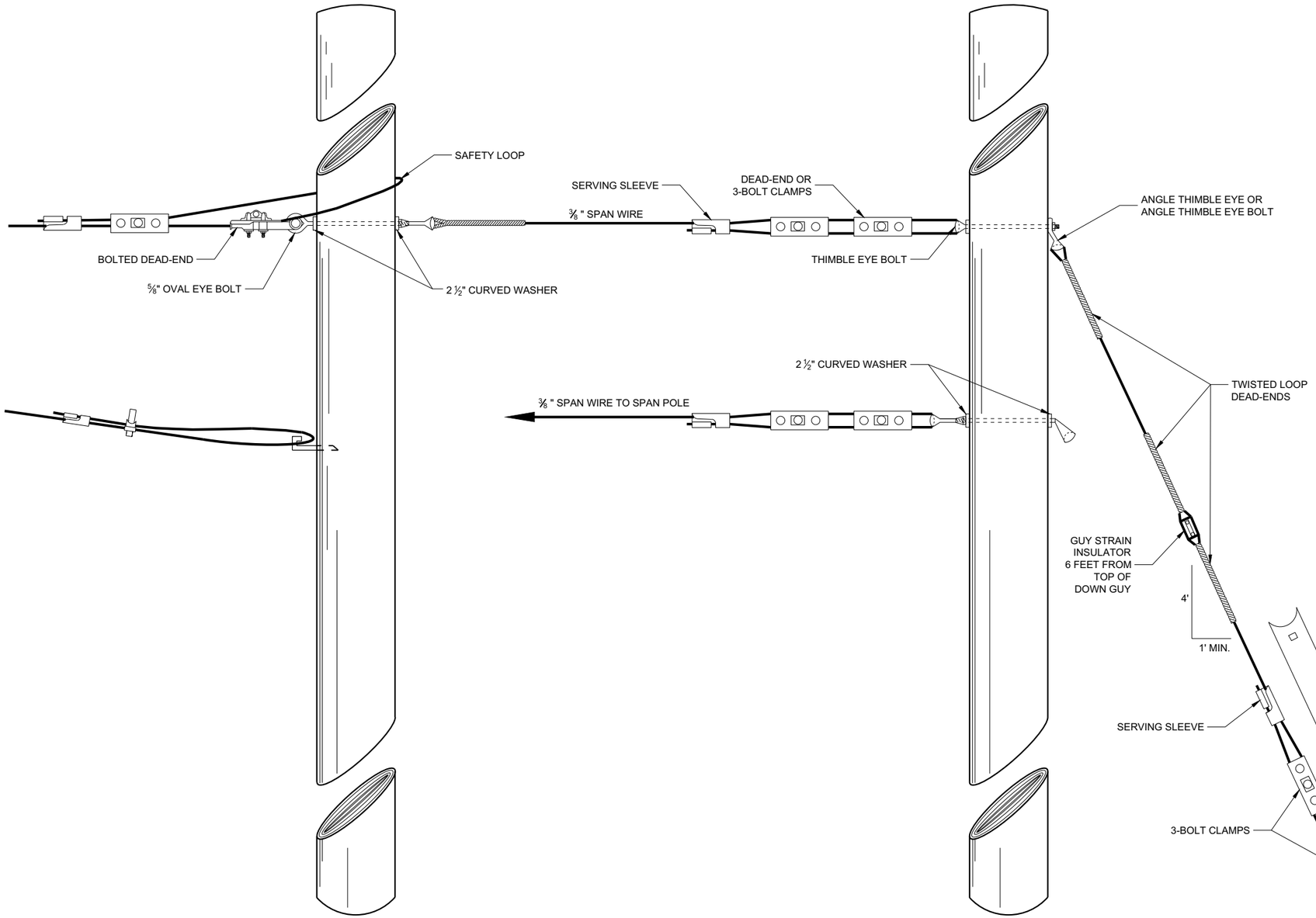
/S/ Ahmet Demerbilek
ROADWAY STANDARDS DEVE ENGINEER

721

FHWA

GENERAL NOTES

1. USE ¾" DRILL IN WOOD POLE TO PROVIDE FOR ⅝" BOLTS.
2. SAFETY LOOP REQUIRED ON EACH END OF ALL SPAN WIRES.



SPAN WIRE POLE

GUY POLE

TYPICAL DEAD-ENDINGS OR GUYING

SPAN WIRE TEMPORARY TRAFFIC SIGNAL	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVED June 2015 DATE	/S/ Ahmet Demerbilek ROADWAY STANDARDS DEVE ENGINEER
FHWA	722

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SDD 09G01 - 4e

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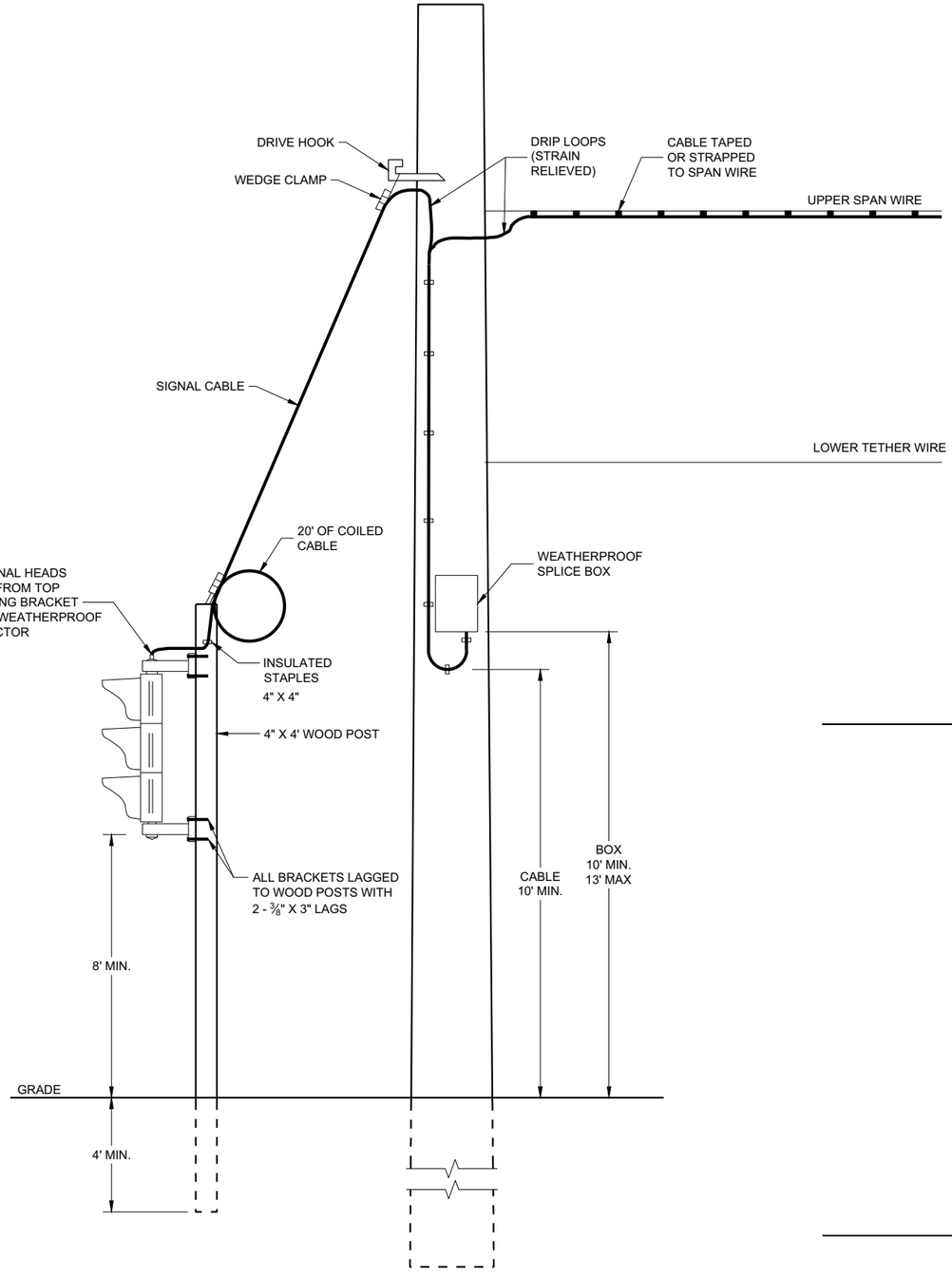
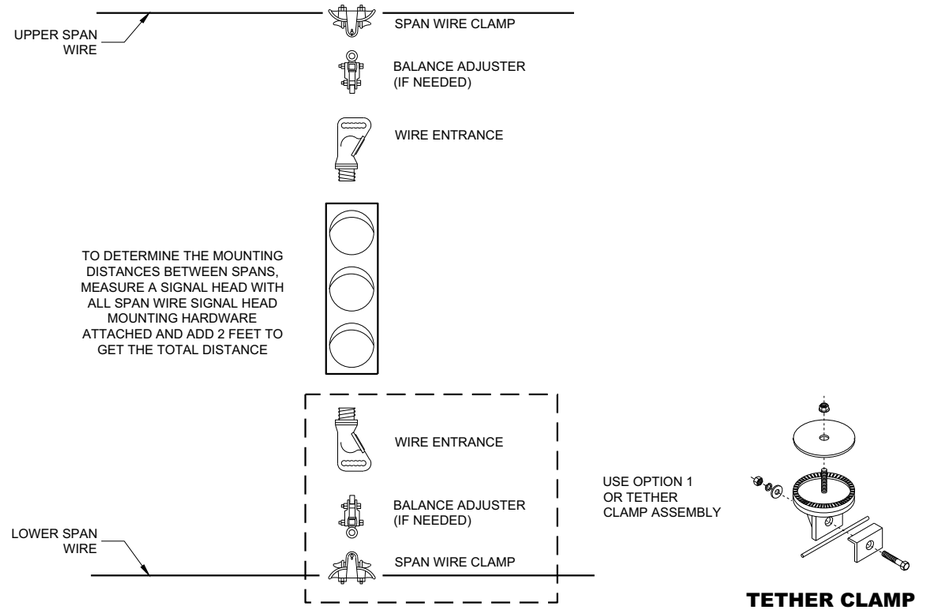
SDD 09G01 - 4e



TYPICAL DROP TO TEMPORARY MOVEABLE SIGNAL

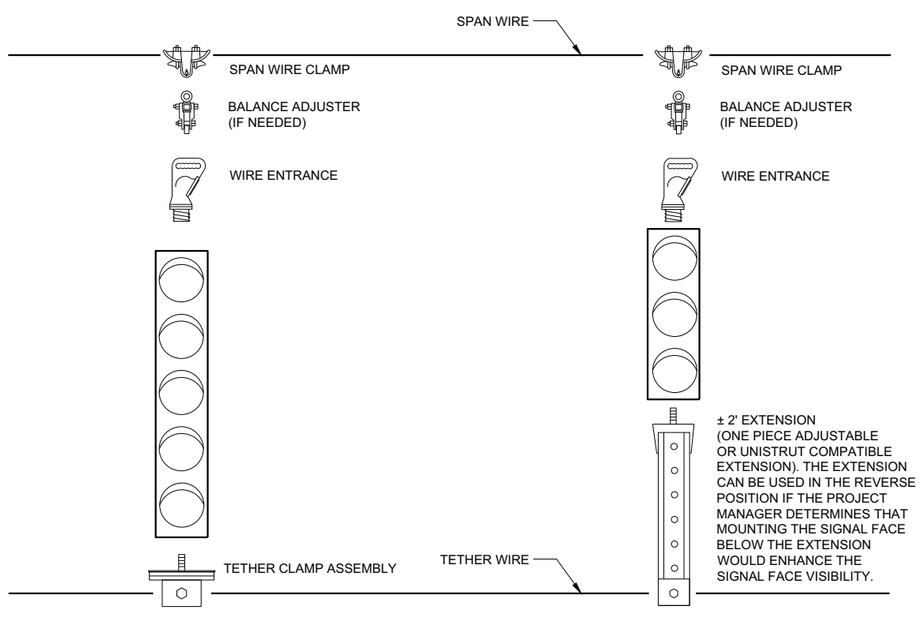


OPTION 1

USE OPTION 1 OR TETHER CLAMP ASSEMBLY

TETHER CLAMP ASSEMBLY OPTION

TYPICAL SPAN WIRE MOUNTING HARDWARE



5 SECTION VERTICAL WITH 3 SECTION VERTICAL ON ONE SPAN WIRE

SPAN WIRE TEMPORARY TRAFFIC SIGNAL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
June 2015
DATE

/S/ Ahmet Demerbilek
ROADWAY STANDARDS DEVE ENGINEER

FHWA

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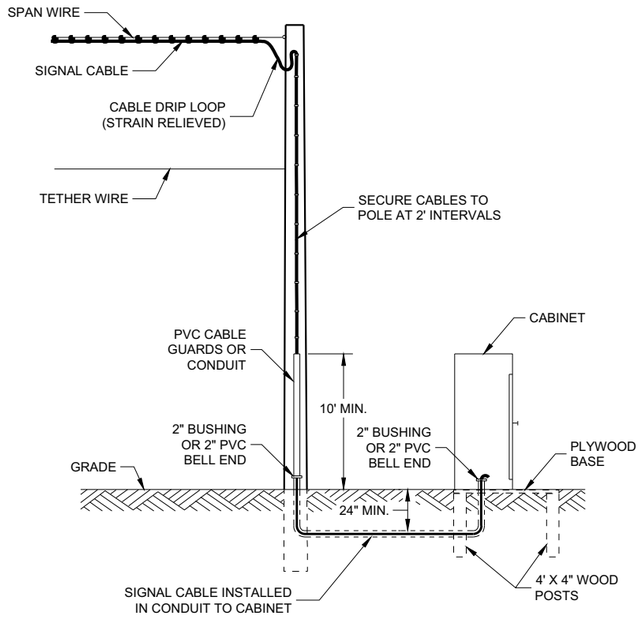
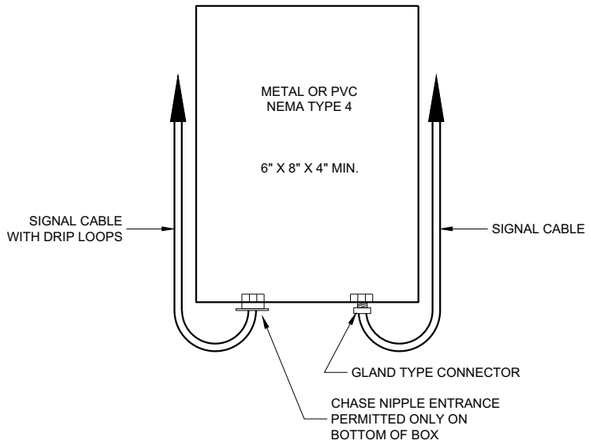
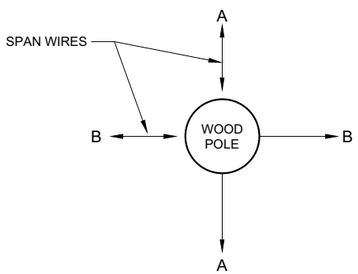
SDD 09G01 - 4f





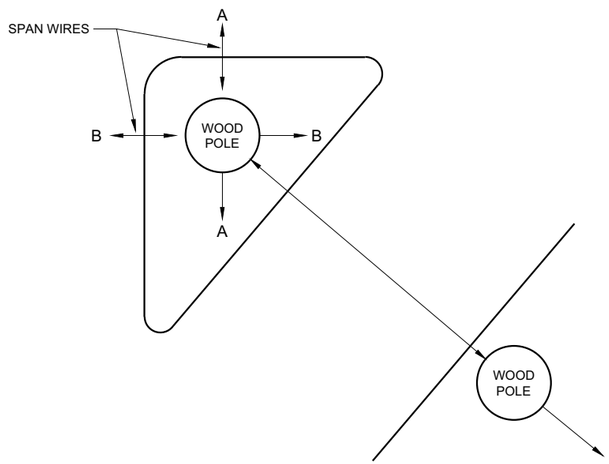
SPLICE BOX

TYPICAL SKID TYPE TEMPORARY

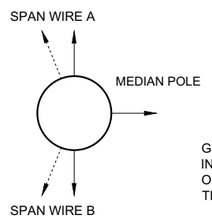


ALL DOWN OR SIDEWALK GUYS
SHALL BE INSTALLED IN THE
OPOSITE DIRECTION OF THE
STRAIN OF THE SPAN WIRE

CORNER POLES



ISLAND POLES



GUY AWAY FROM
INTERSECTION OR IN
OPPOSITE DIRECTION OF
THE SPAN LOADING

MEDIAN POLES

SPAN WIRE TEMPORARY TRAFFIC SIGNAL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
June 2015
DATE

/S/ Ahmet Demerbilek
ROADWAY STANDARDS DEVE ENGINEER

FHWA

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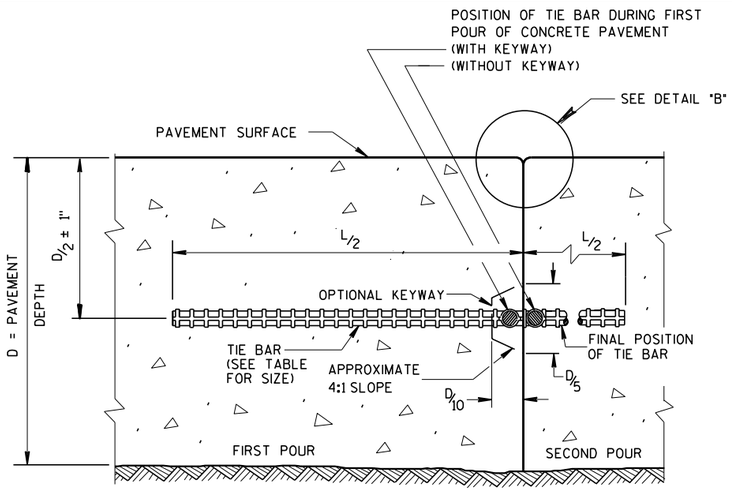
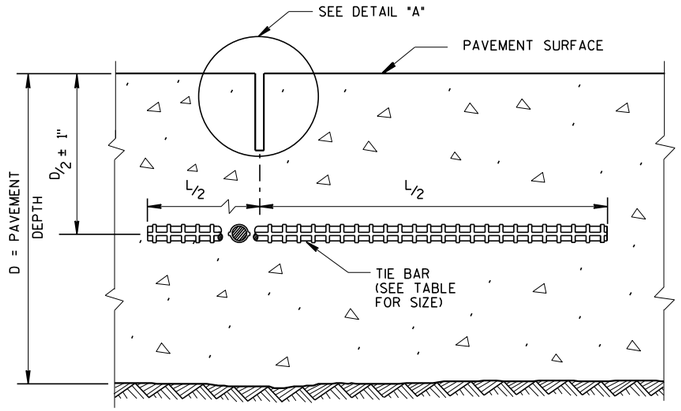
SDD 09G01 - 4g



CONSTRUCTION JOINT



SAWED JOINT

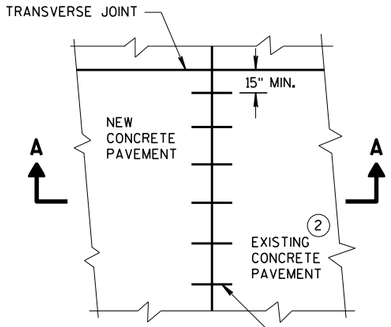
GENERAL NOTES

CREATE A LONGITUDINAL JOINT FOR PAVEMENT WIDTHS GREATER THAN 15 FEET.

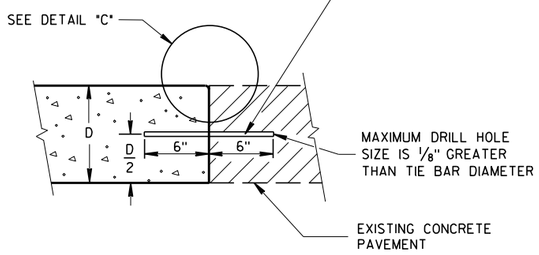
CORRELATE LONGITUDINAL JOINTS WITH LANE LINES WHEN POSSIBLE.

(1) ANCHOR TIE BARS INTO DRILLED HOLES WITH AN EPOXY.

(2) PAVEMENT THAT WAS IN PLACE PRIOR TO THE CONTRACT.

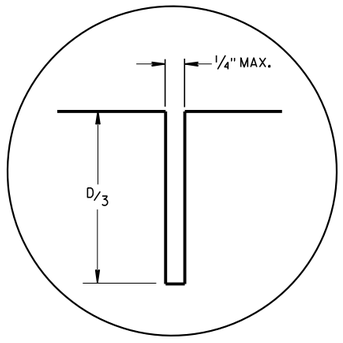


PLAN VIEW

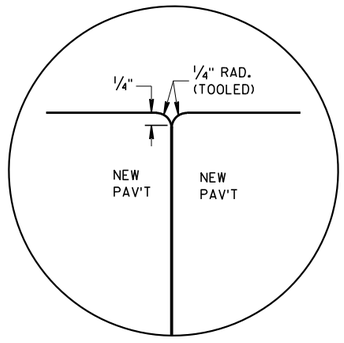


SECTION A-A

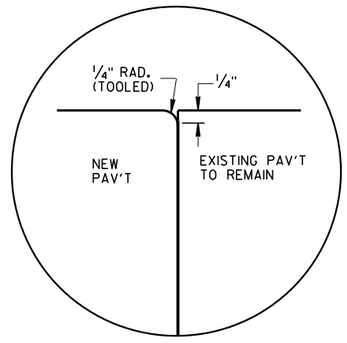
LONGITUDINAL CONSTRUCTION JOINT TIE BARS ANCHORED INTO EXISTING PAVEMENT



DETAIL "A"



DETAIL "B"



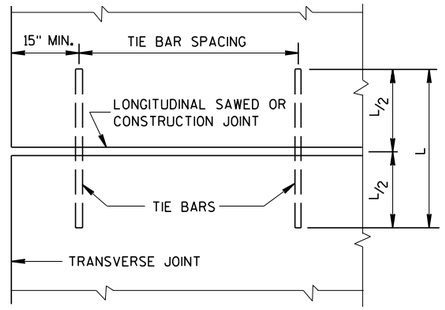
DETAIL "C"

TIE BAR TABLE

PAVEMENT DEPTH (D)	TIE BAR SIZE	TIE BAR LENGTH (L)	MAX. TIE BAR SPACING
< 10 1/2"	NO. 4	30"	36"
≥ 10 1/2"	NO. 5	36"	36"
	NO. 4 *	30"	24" **

* SUBSTITUTE BENT BARS AT LONGITUDINAL JOINTS WHEN EQUIPMENT LIMITATIONS DURING CONSTRUCTION WARRANT (e.g. AUXILIARY LANES OR TURN LANES)

** CONFORM TO 15" MINUMUM SPACING FROM TRANSVERSE JOINTS; SPACING BETWEEN TIE BARS WILL BE 30" AT TRANSVERSE JOINTS.



PLAN VIEW
SHOWING LOCATION OF TIE BARS

CONCRETE PAVEMENT
LONGITUDINAL JOINTS AND TIES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
March 2018 — DATE
/S/ Peter Kemp PE — PAVEMENT SUPE
FHWA

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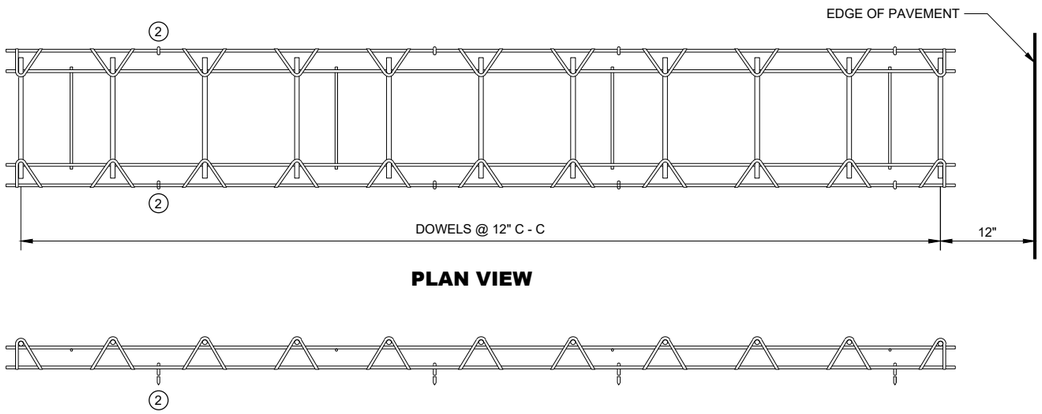
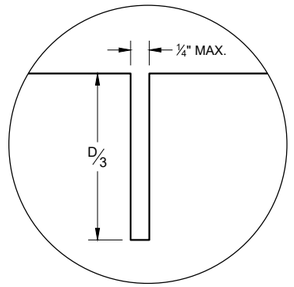
S.D.D. 13 C 1-19



PLAN VIEW

SIDE VIEW

CONTRACTION JOINT DOWEL ASSEMBLY (1)



JOINT DETAIL

GENERAL NOTES

CONTRACTION JOINTS

CONSTRUCT TRANSVERSE CONTRACTION JOINTS NORMAL TO THE CENTERLINE. SHOW THE LOCATION OF CONTRACTION JOINTS THROUGH INTERSECTIONS ON THE PLANS OR AS DIRECTED BY THE ENGINEER.

INSTALL DOWEL BARS PARALLEL TO THE PAVEMENT CENTERLINE AND PAVEMENT SURFACE.

FOR PAVEMENT SLABS OF VARYING WIDTHS, LOCATE THE OUTER MOST DOWEL BAR SO THAT THE CENTER OF THE BAR IS A MINIMUM OF 6 INCHES FROM AND A MAXIMUM OF 18 INCHES FROM THE FREE EDGE OF PAVEMENT.

CONSTRUCTION JOINTS

LOCATE CONSTRUCTION JOINTS A MINIMUM OF 6 FEET FROM THE NEAREST CONTRACTION JOINT AND ALIGN PARALLEL TO THE CONTRACTION JOINTS.

(1) OBTAIN THE ENGINEER'S APPROVAL FOR THE USE OF ALTERNATIVE DESIGNS OF THE DOWEL ASSEMBLY. USE MECHANICAL DOWEL BAR INSERTERS OR DOWEL ASSEMBLIES WHEN CONSTRUCTION CONTRACTION JOINTS.

(2) SECURE BASKETS WITH ANCHORS TO HOLD DOWEL BARS IN THE CORRECT POSITION AND ALIGNMENT. TYPE, LOCATION, NUMBER AND LENGTH OF ANCHORS ARE DEPENDENT UPON FIELD CONDITIONS.

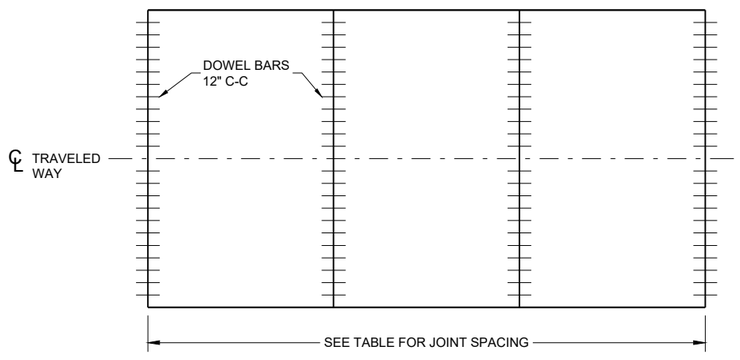
(3) FORM OR SAW CONSTRUCTION JOINTS. PROVIDE A ¼" RADIUS AT FORMED JOINTS.

(4) PROVIDE A SMOOTH VERTICAL FACE FOR THE ENTIRE DEPTH OF THE PAVEMENT WHEN FORMING CONSTRUCTION JOINTS.

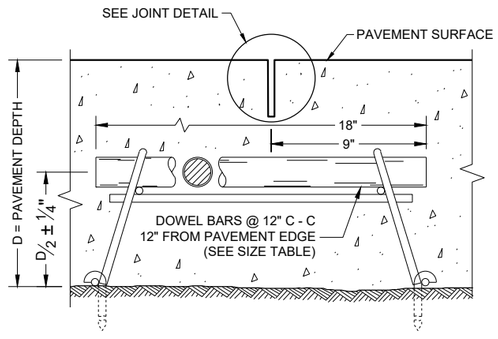
(5) INSTALL DOWEL BARS AT CONSTRUCTION JOINTS BY FORMING OR DRILLING. INSTALL FORMED DOWEL BARS 12 INCHES C - C AND 12 INCHES FROM PAVEMENT EDGE. REMOVE EXCESS CONCRETE FROM THE FREE END OF THE DOWEL BAR IF DOWEL BARS ARE FORMED THROUGH A HEADER BOARD. INSTALL DRILLED DOWEL BARS ACCORDING TO THE "DRILLED DOWEL BAR CONSTRUCTION JOINT" DETAIL.

(6) APPLY A THIN UNIFORM COATING OF SURFACE TREATMENT TO THE FREE END OF DOWEL BARS TO PREVENT BONDING.

(7) ANCHOR DOWEL BARS AND TIE BARS INTO DRILLED HOLES WITH AN EPOXY. MAXIMUM DRILLED HOLE SIZE IS ⅛" GREATER THAN DOWEL BAR DIAMETER, 9 INCHES IN LENGTH.



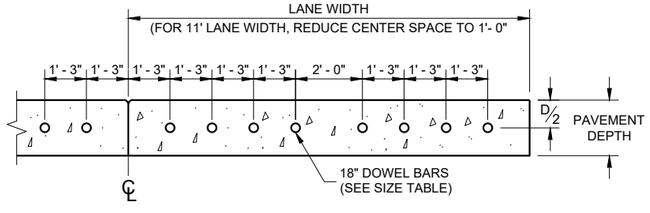
CONTRACTION JOINT LOCATIONS



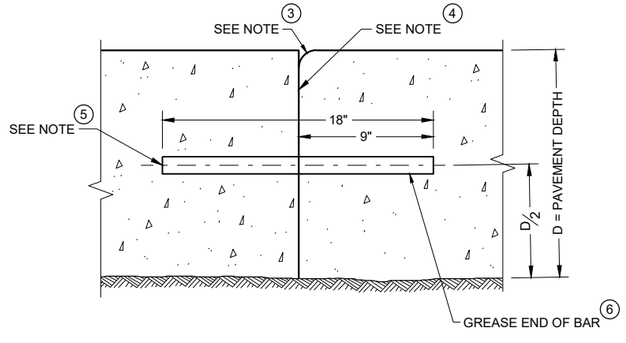
DOWELED CONTRACTION JOINT

PAVEMENT DEPTH, DOWEL BAR SIZE AND JOINT SPACING TABLE

PAVEMENT DEPTH (D)	DOWEL BAR DIAMETER	CONTRACTION JOINT SPACING
6", 6 ½"	NONE	12'
7", 7 ½"	1"	14'
8" & ABOVE	1 ¼"	15'



DRILLED DOWEL BAR CONSTRUCTION JOINT (7)



TRANSVERSE CONSTRUCTION JOINT

URBAN DOWELED CONCRETE PAVEMENT

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2022
DATE

/S/ Peter Kemp P.E.
PAVEMENT SUPERVIS

FHWA

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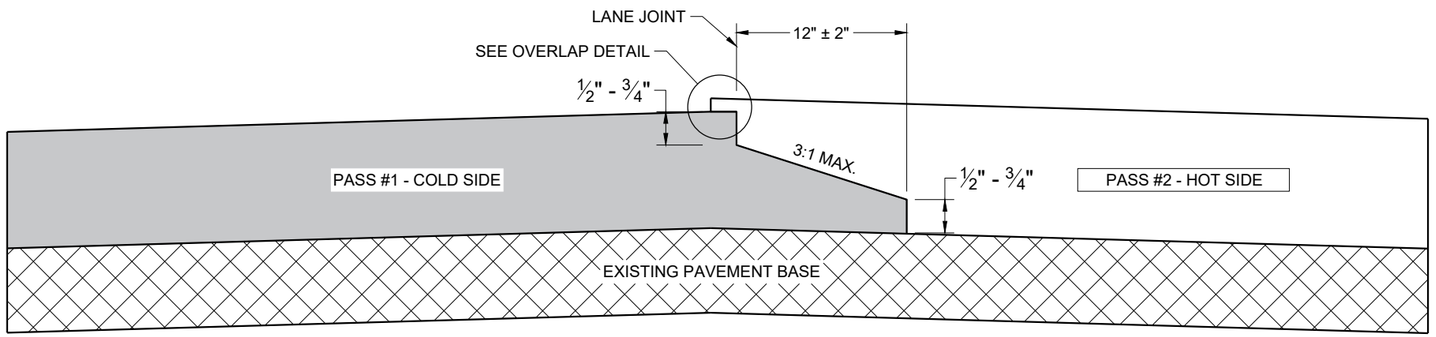
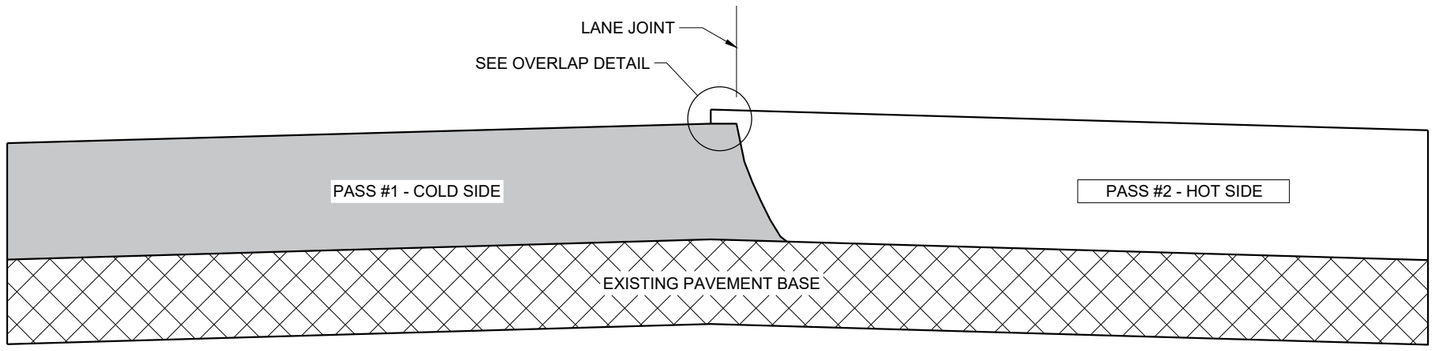
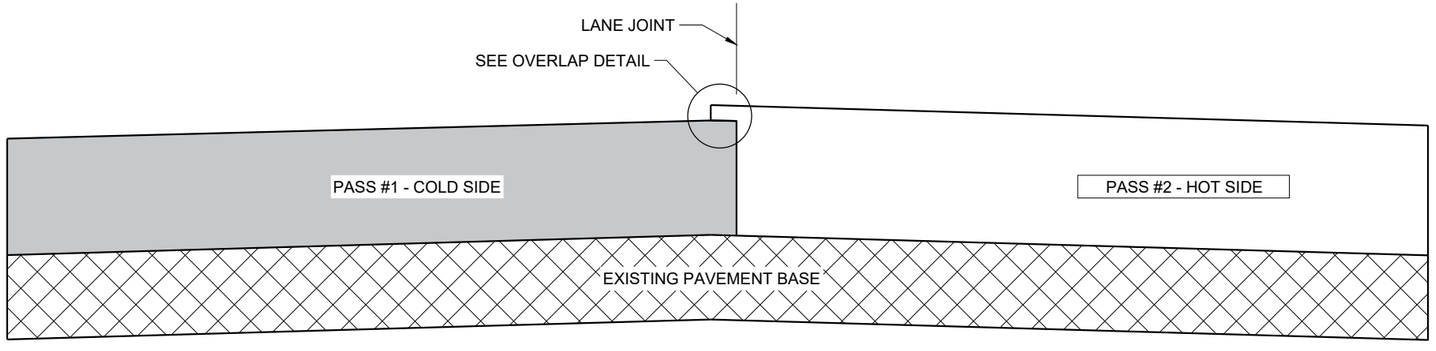
SDD 13C13 - 11



TYPICAL PAVEMENT CROSS SECTION
NOTCHED WEDGE JOINT



TYPICAL PAVEMENT CROSS SECTION
VERTICAL JOINT



TYPICAL PAVEMENT CROSS SECTION
VERTICAL JOINT (MILLED)

GENERAL NOTES

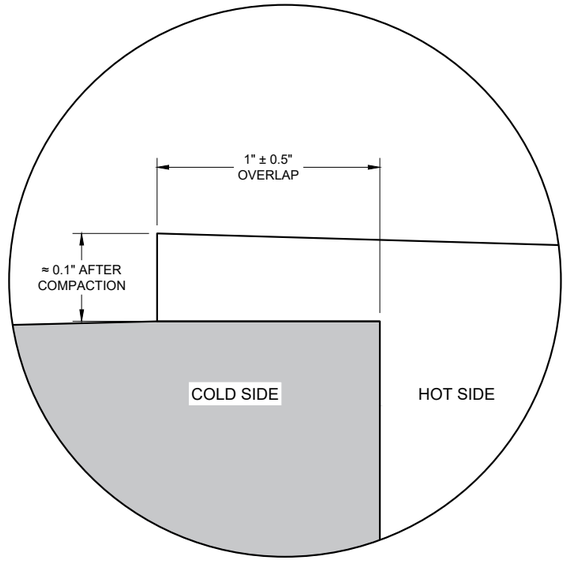
IN ADDITION TO THE DETAILS PROVIDED IN THIS DRAWING, CONFORM TO STANDARD SPECIFICATION 450.3.2.8 FOR WHEN A NOTCHED WEDGE JOINT IS REQUIRED AND FOR GENERAL JOINT CONSTRUCTION REQUIREMENTS.

FOR ALL LONGITUDINAL JOINTS, ENSURE THE PAVER SCREED OVERLAPS THE PREVIOUSLY PLACED PAVEMENT BY 1" ± 0.5" AND THE HOT SIDE OF THE JOINT REMAINS HIGHER THAN THE COLD SIDE BY APPROXIMATELY 0.1" AFTER FINAL COMPACTION. (IT WILL BE FLUSH WHEN PAVING IN ECHELON.)

ONLY REMOVE THE LONGITUDINAL NOTCHED WEDGE JOINT FOR SMA PAVEMENT OR AS DIRECTED BY THE ENGINEER TO ADDRESS SPECIFIC LENGTHS OF JOINT DAMAGED BY TRAFFIC.

WHEN MILLING BACK OR REMOVING ANY LONGITUDINAL JOINT, LIMIT THE MATERIAL REMOVED TO 2" FROM THE TOP NOTCH OR FROM THE VERTICAL JOINT EDGE ON THE COLD SIDE OF THE JOINT.

USE LONGITUDINAL MILLED JOINT AS PLANS SHOW OR THE AS THE ENGINEER DIRECTS.



OVERLAP DETAIL (TYPICAL)

6

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SDD 13C19 - 03

SDD 13C19 - 03

HMA LONGITUDINAL JOINTS

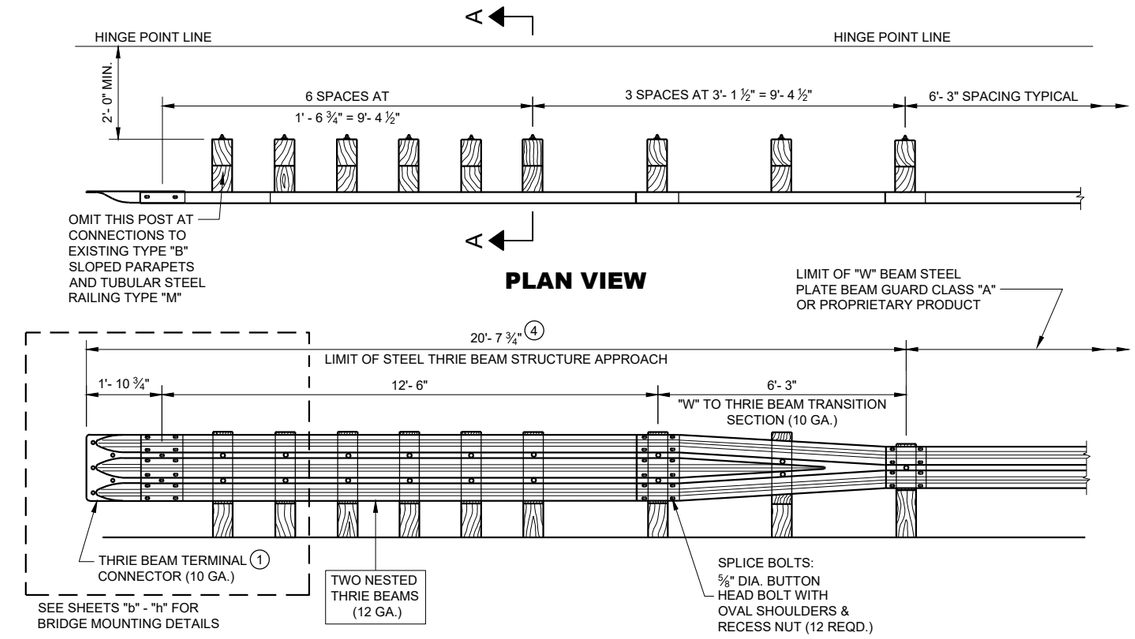
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2020
DATE

/S/ Steven Hefel
HMA PAVEMENT ENGIN

727

FHWA



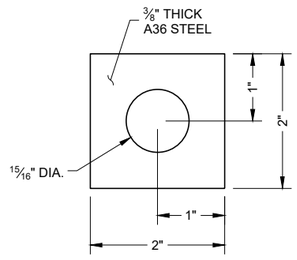


PLATE WASHER DETAIL

GENERAL NOTES

BOLT THE THRIE BEAM TO ALL POSTS AND BLOCKOUTS. DRILL OR PUNCH BOLT HOLES IN THE BEAM IF THE POST SPACING IS LESS THAN 6'-3".

DO NOT USE STEEL POSTS AND NOTCHED PLASTIC BLOCKOUTS IN THE STEEL THRIE BEAM STRUCTURAL APPROACH AND THE TRANSITION SECTION OF STEEL PLATE BEAM GUARD, CLASS "A" INSTALLATIONS.

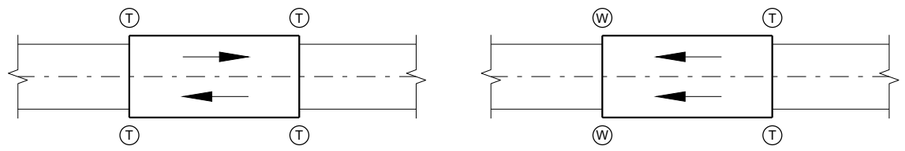
IF ROCK IS ENCOUNTERED, REMOVE ROCK TO FULL DEPTH OF POST PLUS 2 ½" , AND 12" DIAMETER AROUND POST. SEE 14B15 FOR MORE DETAILS.

(1) BRIDGE RAILING TYPE "W" DOES NOT REQUIRE A TERMINAL CONNECTOR.

(2) MINIMUM EMBEDMENT SHALL BE 4'- 0".

(3) POST BOLTS ARE ⅝" DIAMETER ASTM A307 BUTTON HEAD BOLT. A POST BOLT REQUIRES A ⅝" DIAMETER A563A DOUBLE RECESSED (DR) HEAVY HEX AND A ⅝" DIAMETER F844 FLAT WASHER. LENGTH OF POST BOLT MAY VARY.

(4) ALL WOOD POSTS MUST BE 6" X 8" AND AT LEAST 7'-0" LONG.



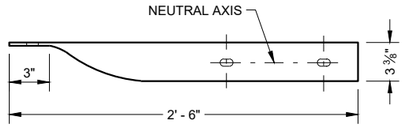
TWO WAY TRAFFIC

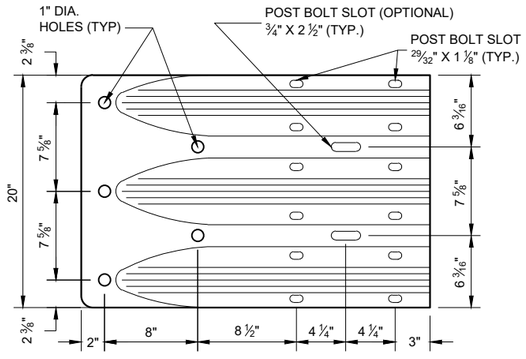
ONE WAY TRAFFIC

(T) THRIE BEAM CONNECTION

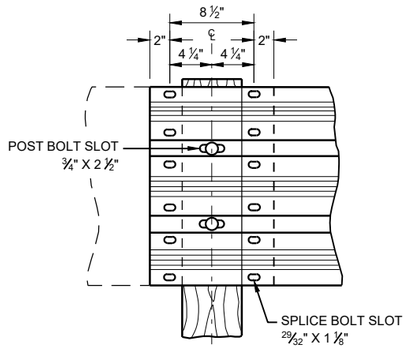
(W) W-BEAM CONNECTION WHEN REQUIRED

TYPICAL LOCATIONS OF THRIE BEAM AND W-BEAM CONNECTIONS TO BRIDGE

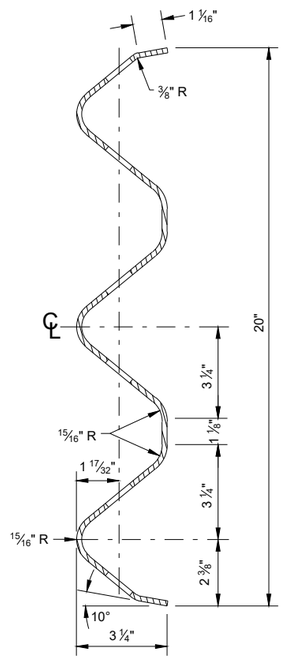




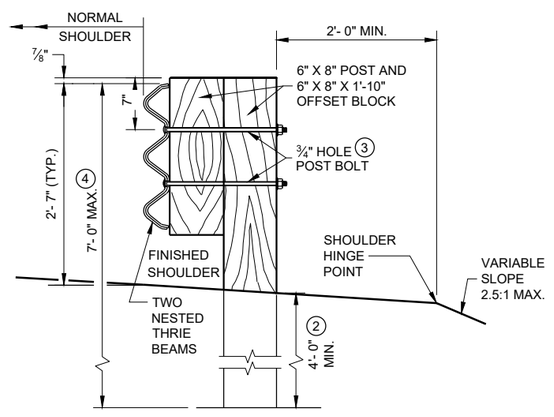
THRIE BEAM TERMINAL CONNECTOR



THRIE BEAM SPLICE



SECTION THRU BEAM RAIL ELEMENT



SECTION A-A

STEEL THRIE BEAM STRUCTURE APPROACH

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2022 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS DEVE ENGINEER

FHWA

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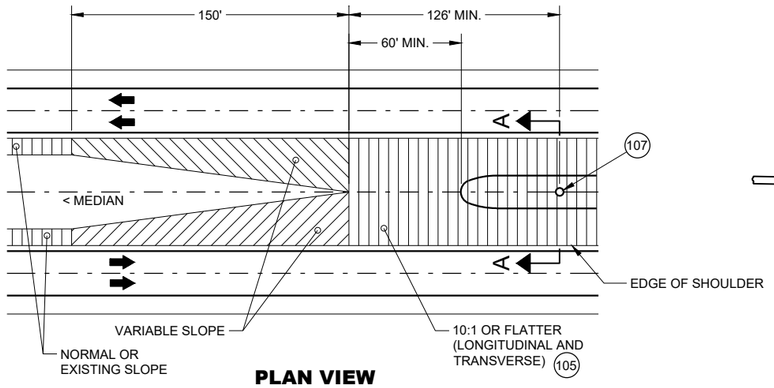
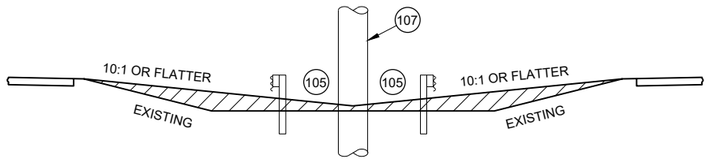
SDD 14B20 - 12a

SDD 14B20 - 12a



PLAN VIEW
GRADING AT BULLNOSE
(ALL INSTALLATIONS)



SECTION A -A
MEDIAN GRADING
(ALL INSTALLATIONS)

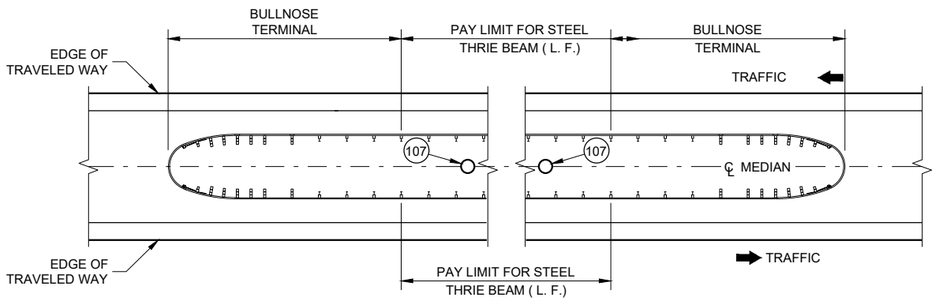
GENERAL NOTES

THRIE BEAM RAILS MAY NEED TO BE FIELD BENT TO FIT THE LOCATION.

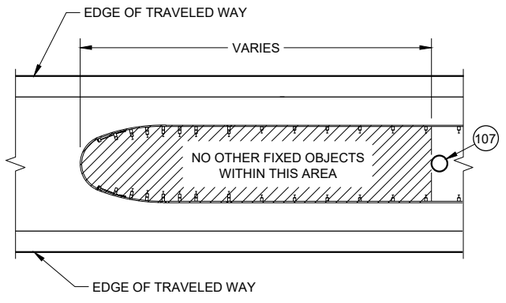
SEE STANDARD DETAIL DRAWINGS 14B26 SHEETS a-h.

IF ROCK IS ENCOUNTERED, REMOVE ROCK TO FULL DEPTH OF POST PLUS 2 ½". MINIMUM DIAMETER OF THE ROCK REMOVAL IS 12" DIAMETER

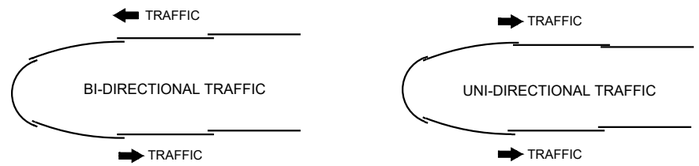
- E1 UNBENT STANDARD THRIE BEAM RAIL B1 (POST 8 TO POST 10 AND POST 10 TO POST 12)
- E2 SLOTTED THRIE BEAM RAIL E1 (POST 1 TO POST 1)
- E3 SLOTTED THRIE BEAM RAIL B3 (POST 5 TO POST 8)
- E4 SLOTTED THRIE BEAM RAIL E4 (POST 1 TO POST 5)
- 5 BEYOND POST 12: CONSTRUCT STEEL THRIE BEAM - USE UNBENT STANDARD THRIE BEAM RAIL NO. 5.
- (100) DIMENSIONS ARE FROM BACK OF RAIL TO BACK OF RAIL WHERE RAIL IS BOLTED TO POST OR BLOCK.
- (101) U-BOLT CABLE CLIPS (3 PER CABLE) SPACED OUT ON NOSE, TO HOLD CABLE TO BACKSIDE OF THE RAIL.
- (102) NOSE CABLE WITH SWAGGED END BUTTONS.
- (103) NOSE CABLE ANCHOR PLATE (BACKSIDE OF SPLICE).
- (104) THE SLACK IN THE NOSE CABLES SHALL BE EVENLY DISTRIBUTED BETWEEN THE CABLE CLIP FASTENERS AND POST NO. 1 ON EITHER SIDE OF THE NOSE.
- (105) MINIMUM WORKING WIDTH 4' - 2".
- (106) MAX. WIDTH OF SYSTEM IS 14' - 2 ½" MEASURED FROM THE BACK OF RAIL TO BACK OF RAIL WHERE RAIL IS BOLTED TO A POST OR BLOCK.
- (107) FIXED OBJECT OR OTHER HAZARD.
- (108) PLAN IS TO PROVIDE STATION OFFSET TO CENTER OF POST 5 IN PLANS.



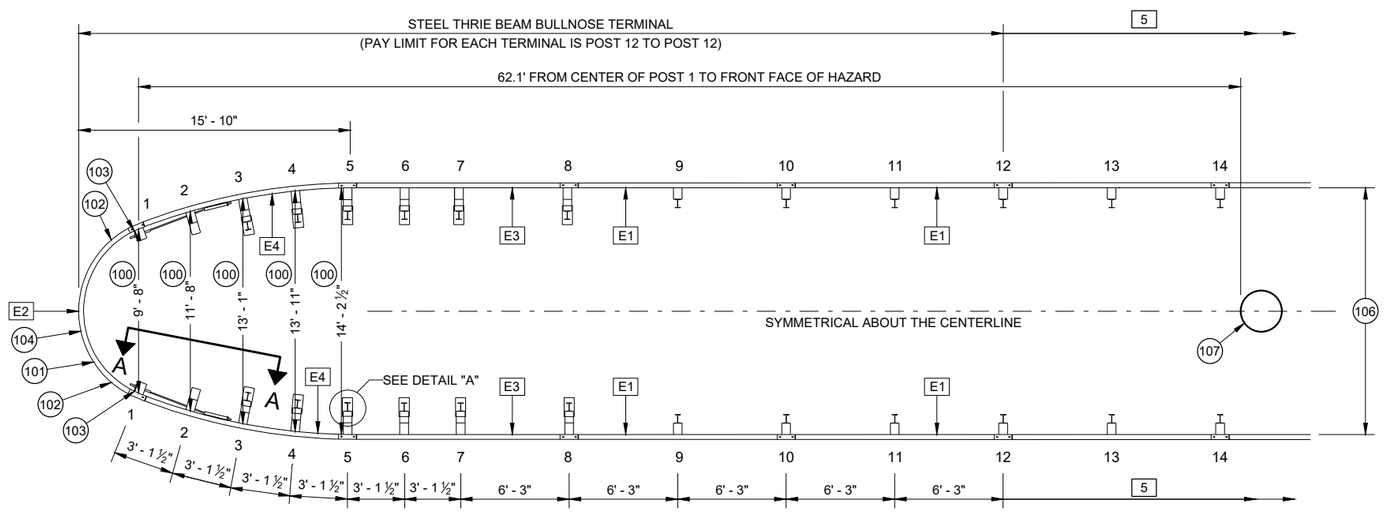
MEDIAN HAZARD PROTECTION PAY LIMITS



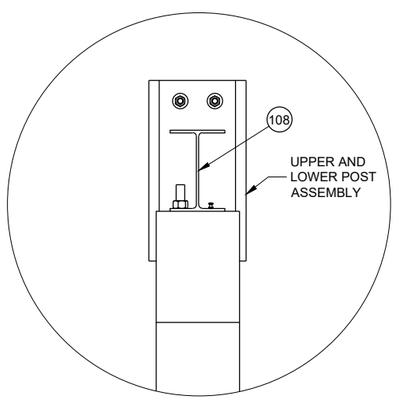
HAZARD FREE AREA
INSIDE BULLNOSE



LAPPING DETAIL



PLAN VIEW
TYPICAL BULLNOSE LAYOUT



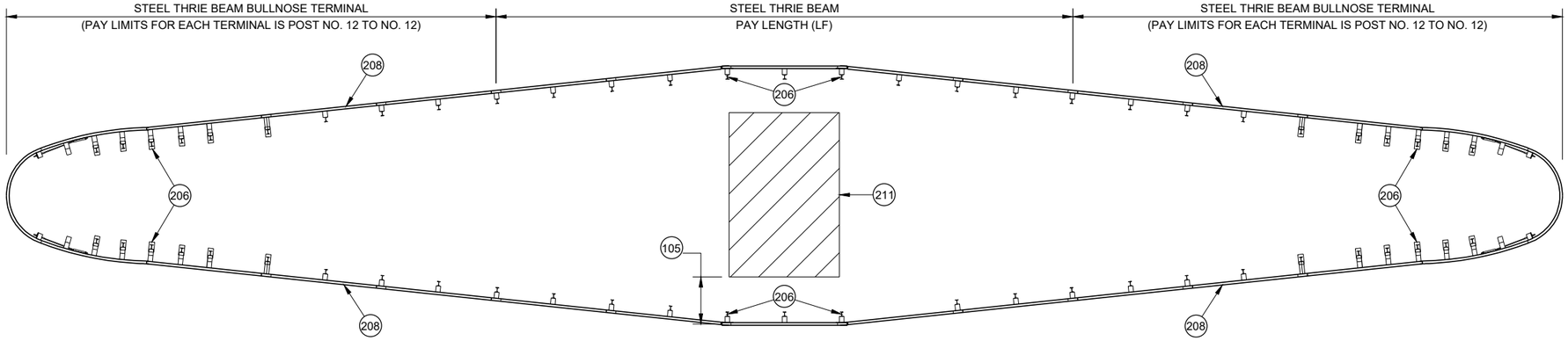
DETAIL "A"

STEEL THRIE BEAM
BULLNOSE TERMINAL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

SDD 14B26 - 05a

SDD 14B26 - 05a



VARIABLE WIDTH BULLNOSE

GENERAL NOTES

200 6' - 3" ASYMMETRICAL 10-GAUGE W-BEAM TO THRIE BEAM GUARD TRANSITION. SEE SDD 14B45 FOR MORE INFORMATION.

201 W-BEAM RAIL. SEE SDD 14B42 FOR MORE INFORMATION.

202 SEE POST NO. 9 AND ALL STEEL THRIE BEAM POST BEYOND DETAIL.

203 SEE SDD 14B42 FOR INSTALLATION INFORMATION.

204 SEE SDD 14B45 FOR INSTALLATION DETAILS. REPLACE ASYMMETRICAL W-BEAM TO THRIE BEAM TRANSITION AND W-BEAM RAIL WITH E1. PAY FOR MODIFIED THRIE BEAM TRANSITION.

205 CONCRETE BARRIER OR BRIDGE RAIL.

206 SEE PLAN FOR STATION AND OFFSET TO CENTER OF POST.

207 SEE PLAN FOR STATION AND OFFSET TO CENTER OF SPLICE.

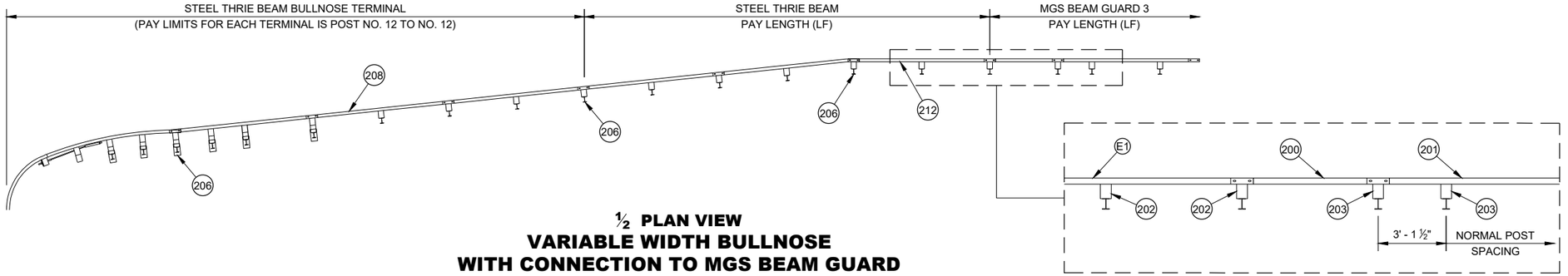
208 SEE PLAN FOR FLARE RATE.

209 A MINIMUM OF 25 FT OF THRIE BEAM TANGENT BEFORE TRANSITIONING TO BEAM GUARD OR THRIE BEAM TRANSITION.

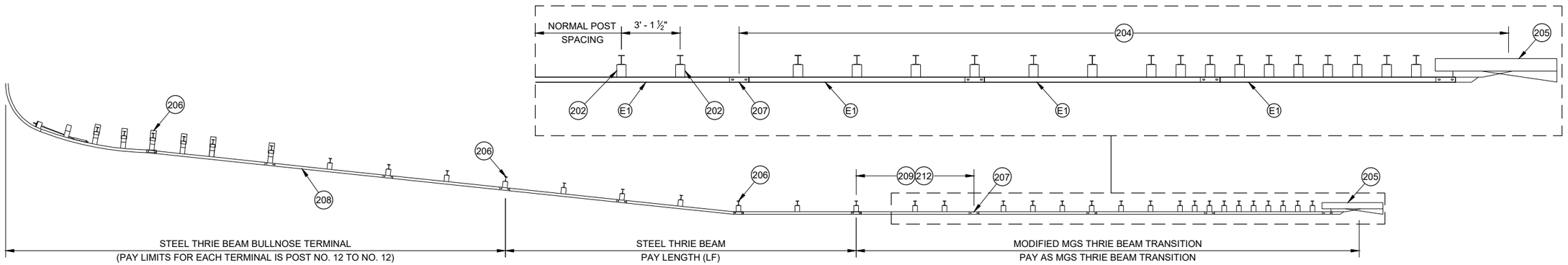
210 NOT ALL BULLNOSE HARDWARE SHOWN. SEE OTHER SHEETS IN 14B26.

211 WIDER HAZARD TO BE SHIELDED.

212 TRANSITION RAIL HEIGHT TO 31" OVER THE LENGTH OF A 12' - 6" BEAM SECTION.



½ PLAN VIEW
VARIABLE WIDTH BULLNOSE
WITH CONNECTION TO MGS BEAM GUARD



½ PLAN VIEW
VARIABLE WIDTH BULLNOSE
WITH CONNECTION TO RIGID BARRIER

STEEL THRIE BEAM BULLNOSE TERMINAL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

730

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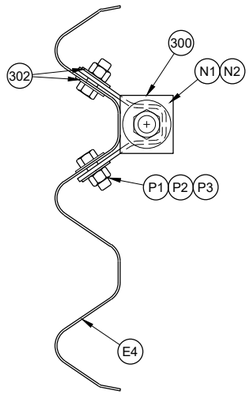
SDD 14B26 - 05b

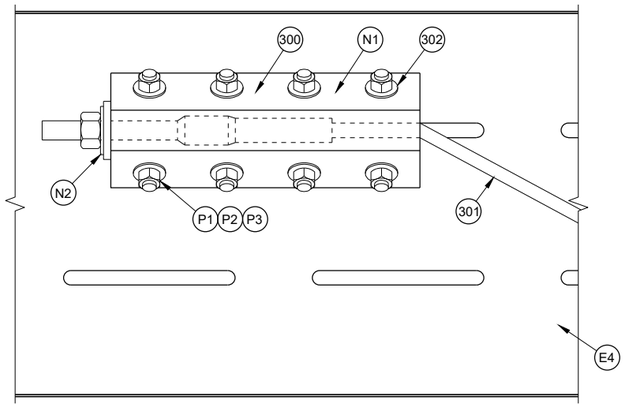
6

SDD 14B26 - 05b

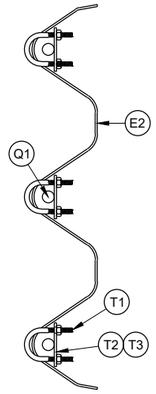


PROFILE VIEW

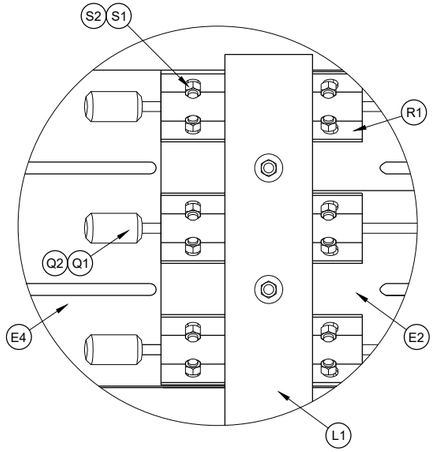
CABLE ANCHOR ASSEMBLY CONNECTION



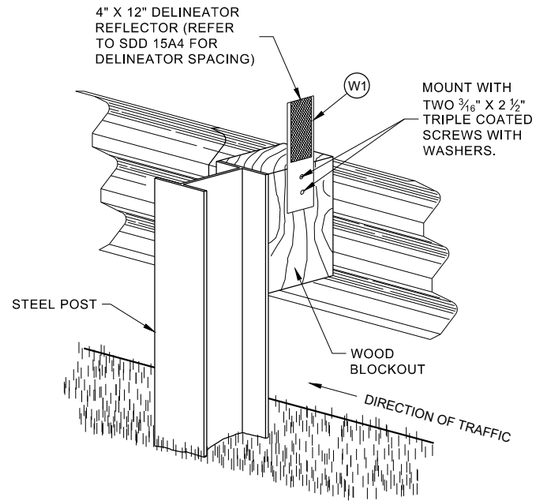
CABLE ANCHOR ASSEMBLY



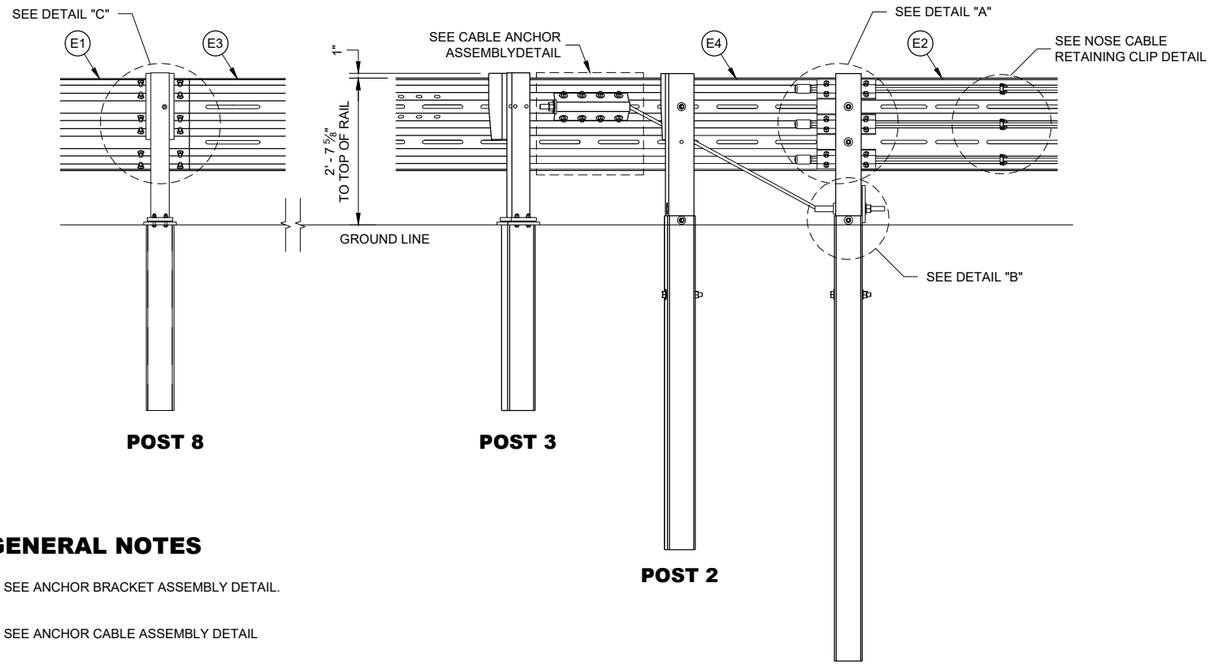
NOSE CABLE RETAINING CLIP



DETAIL "A"

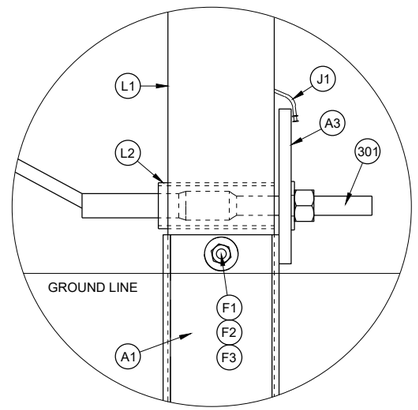


ONE SIDED REFLECTOR DETAIL AND TYPICAL INSTALLATION

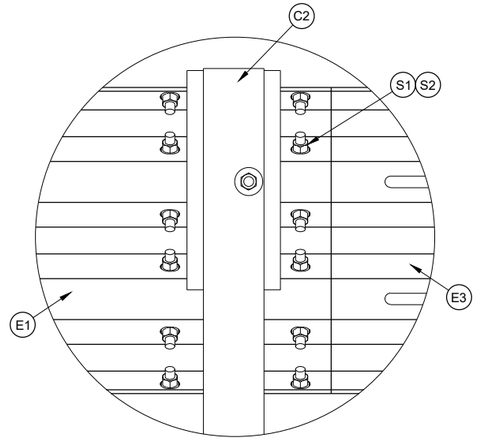


POST 8 **POST 3** **POST 2** **POST 1**

CROSS SECTION A - A



DETAIL "B"



DETAIL "C" THRIE BEAM SPLICE

GENERAL NOTES

(300) SEE ANCHOR BRACKET ASSEMBLY DETAIL.

(301) SEE ANCHOR CABLE ASSEMBLY DETAIL

(302) ONE WASHER BETWEEN BOLT HEAD AND RAIL AND BETWEEN NUT AND ANCHOR BRACKET ASSEMBLY.

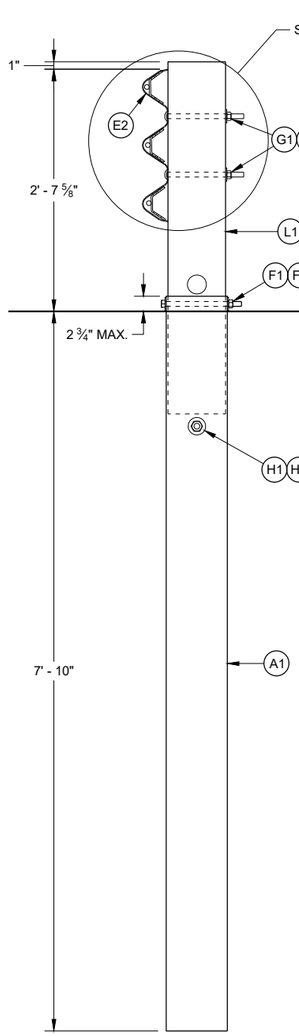
(303) ONE WASHER BETWEEN BOLD HEAD AND FOUNDATION TUBE AND BETWEEN NUT AND FOUNDATION TUBE.

STEEL THRIE BEAM BULLNOSE TERMINAL

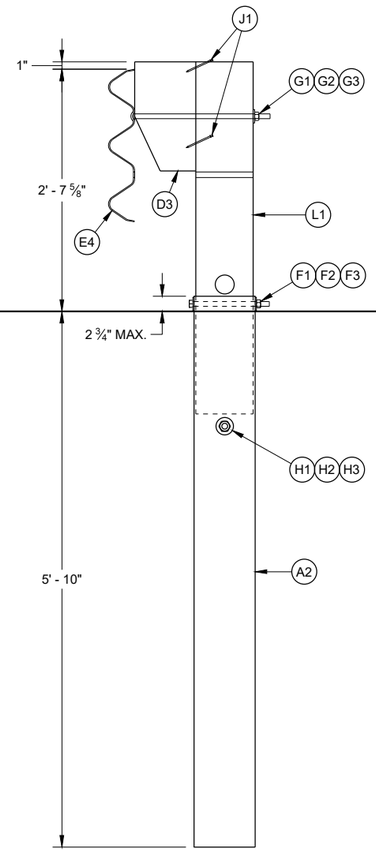
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

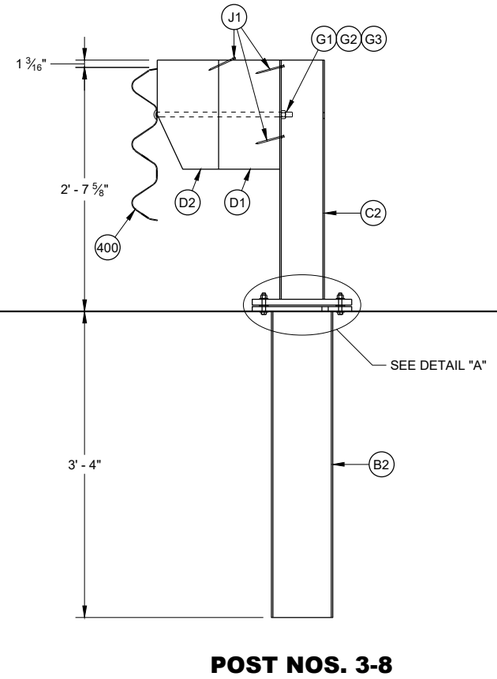
SDD 14B26 - 05c



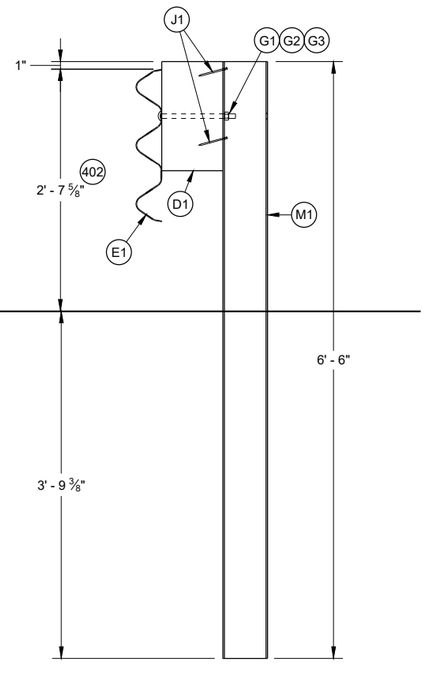
POST NO. 1



POST NO. 2



POST NOS. 3-8



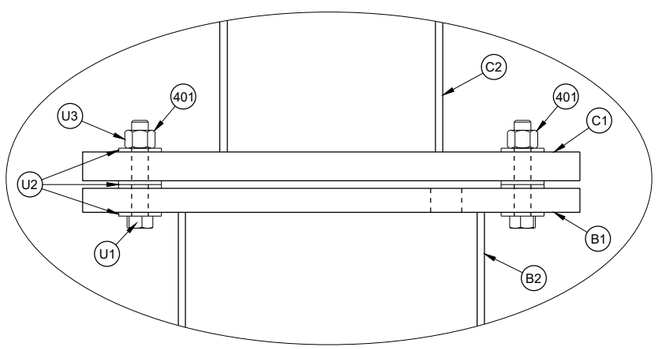
POST NOS. 9 AND ALL STEEL THRIE BEAM POSTS BEYOND

GENERAL NOTES

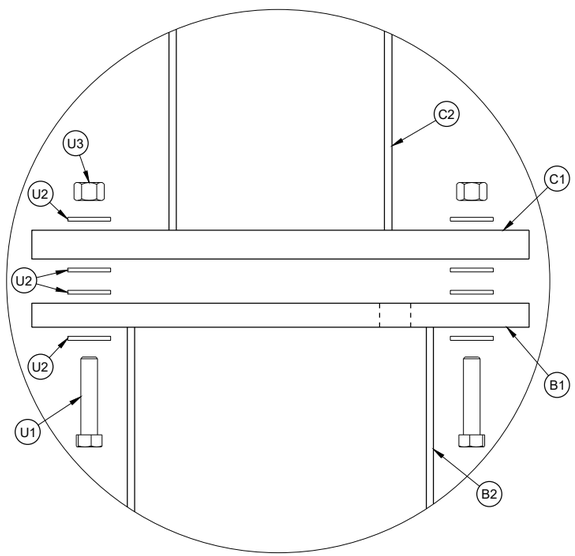
(400) RAIL CAN BE E3 OR E4 DEPENDING ON POST LOCATION.

(401) TORQUE BOLD BETWEEN 60-75 FT-LB

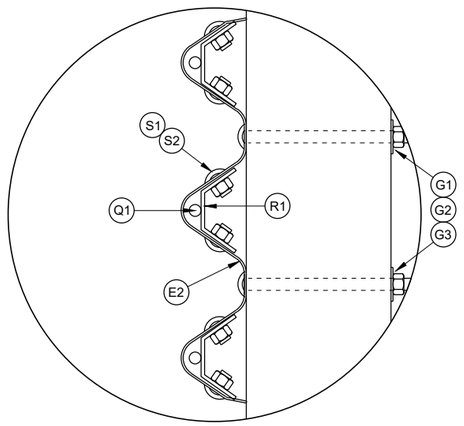
(402) HEIGHT WILL VARY WITHIN HEIGHT TRANSITION TO OTHER HARDWARE. SEE NOTE 213, SHEET "b".



DETAIL "A"



EXPLODED VIEW
DETAIL "A"



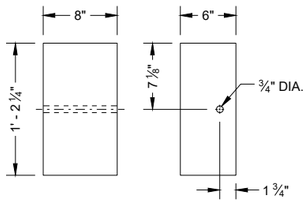
DETAIL "B"

STEEL THRIE BEAM BULLNOSE TERMINAL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

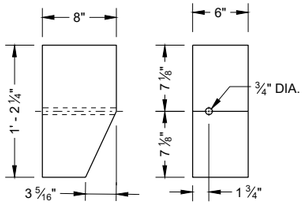
6

SDD 14B26 - 05d



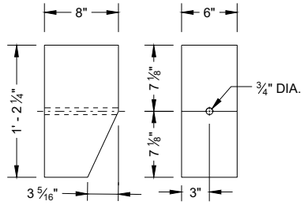
ELEVATION PROFILE

BLOCKOUT (D1)



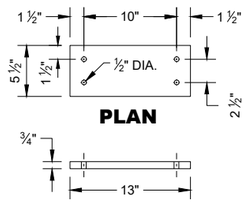
ELEVATION PROFILE

BLOCKOUT (D2)



ELEVATION PROFILE

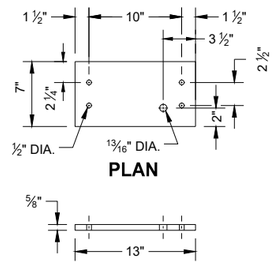
BLOCKOUT (D3)



PLAN

PROFILE

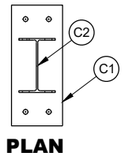
UPPER SHEAR PLATE (C1)



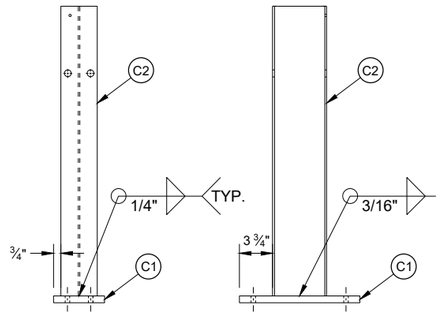
PLAN

PROFILE

LOWER SHEAR PLATE (B1)

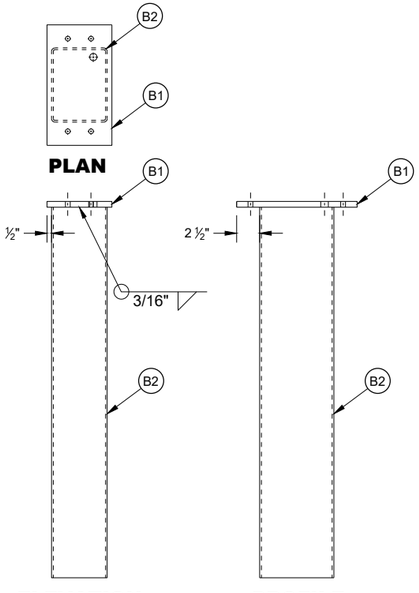


PLAN



ELEVATION PROFILE

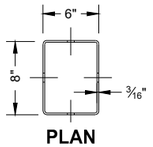
UPPER POST ASSEMBLY



PLAN

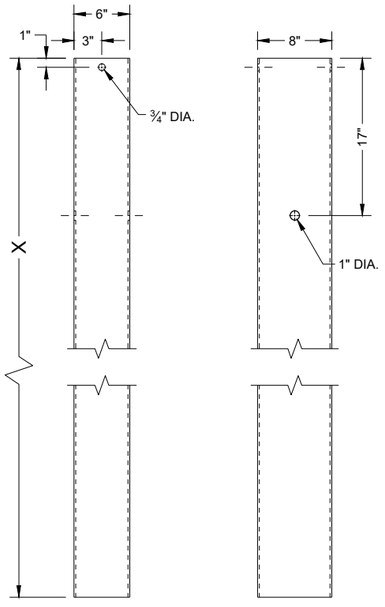
ELEVATION PROFILE

LOWER POST ASSEMBLY



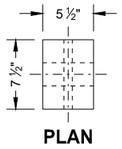
PLAN

PART	LENGTH "X"
A1	8' - 0"
A2	6' - 0"
B2	3' - 4"

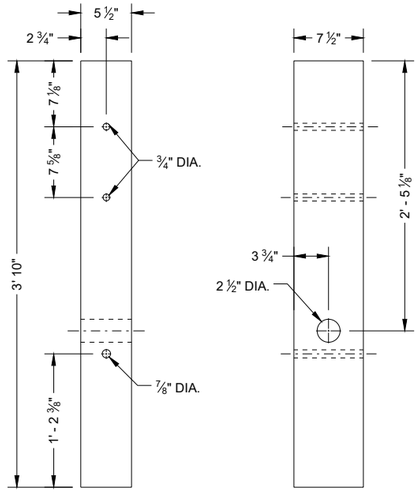


ELEVATION PROFILE

FOUNDATION TUBE

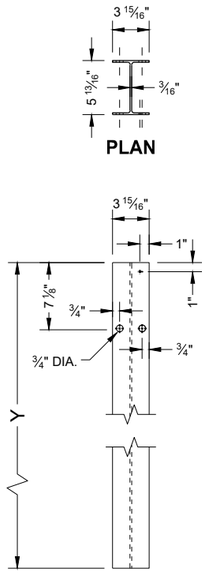


PLAN



ELEVATION PROFILE

BCT POST (L1)



PLAN

ELEVATION

POST

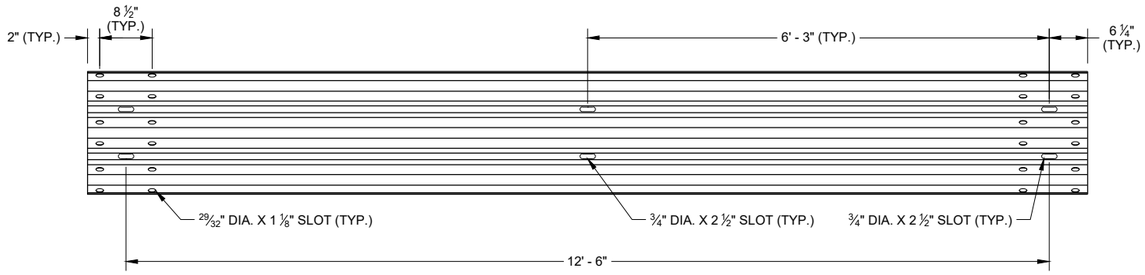
PART	LENGTH "Y"
M1	6' - 6"
M2	5' - 8 5/8"
C2	2' - 7 5/8"

STEEL THRIE BEAM BULLNOSE TERMINAL

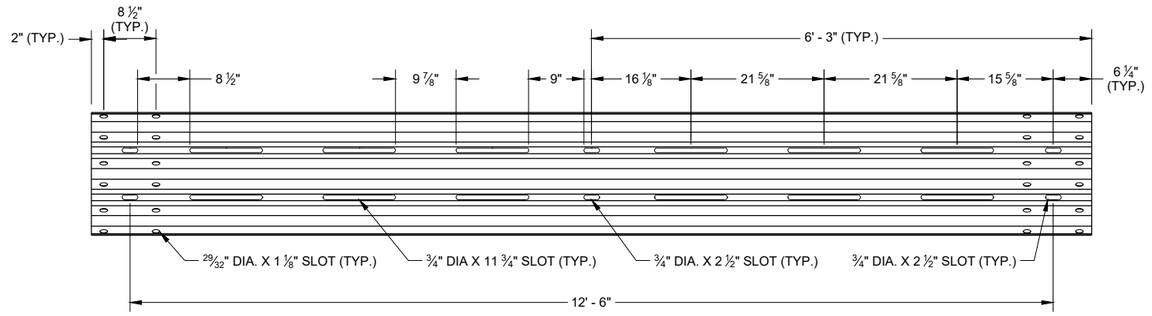
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

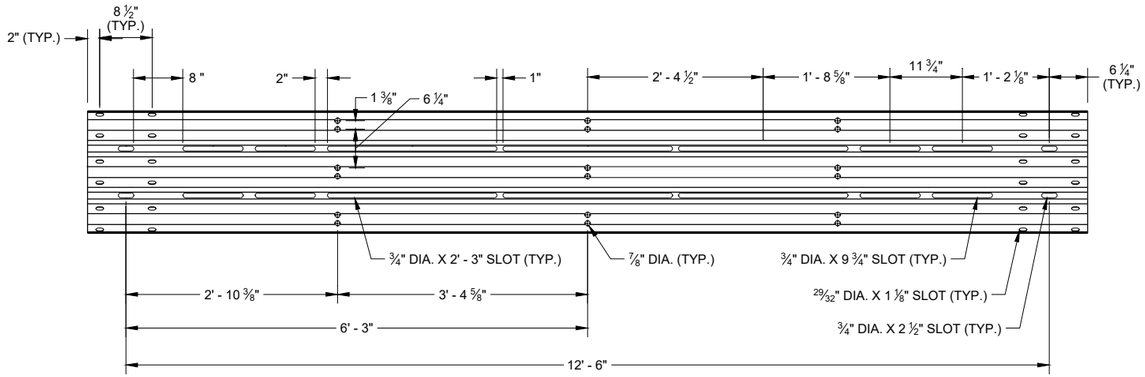
SDD 14B26 - 05e



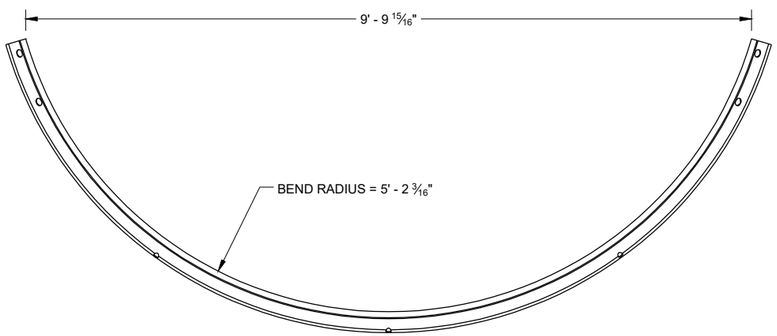
SLOTTED THRIE BEAM RAIL E1



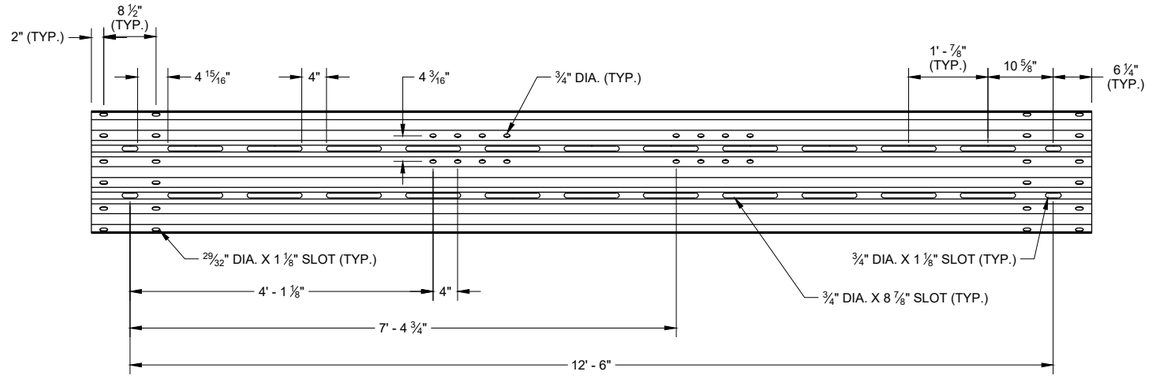
SLOTTED THRIE BEAM RAIL E3



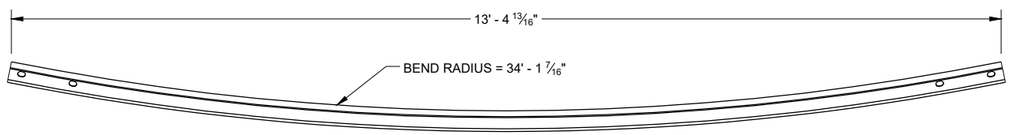
ELEVATION VIEW NON - RADIUSED
SLOTTED THRIE BEAM RAIL E2



PLAN VIEW
SLOTTED THRIE BEAM RAIL E2



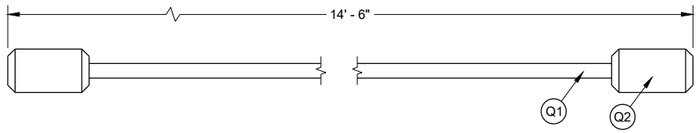
ELEVATION VIEW NON - RADIUSED
SLOTTED THRIE BEAM RAIL E4



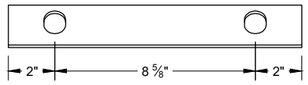
PLAN VIEW
SLOTTED THRIE BEAM RAIL E4

STEEL THRIE BEAM BULLNOSE TERMINAL

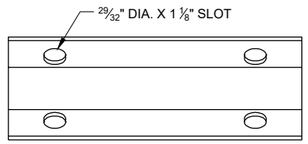
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



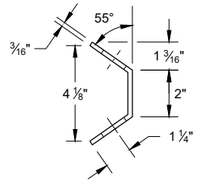
NOSE CABLE AND SWAGE BUTTON



PLAN VIEW

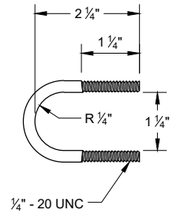


ELEVATION VIEW

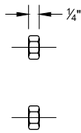


PROFILE VIEW

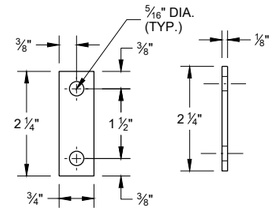
NOSE CABLE ANCHOR (R1)



U - BOLT (T1)

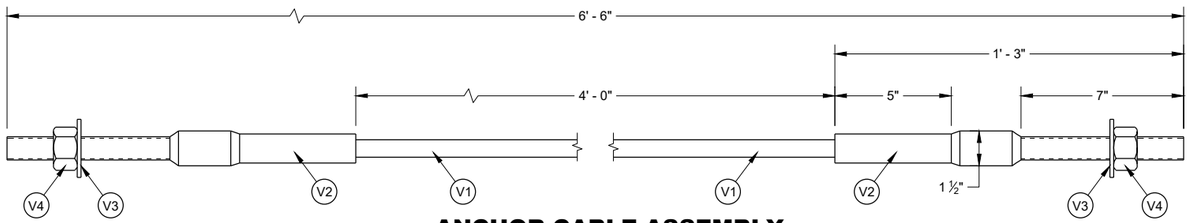


U - BOLT NUT (T3)

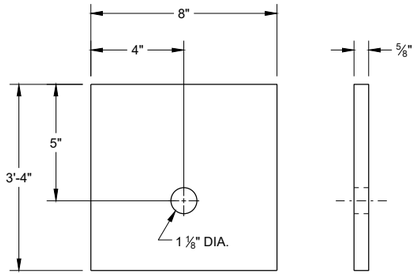


ELEVATION VIEW **PROFILE VIEW**

U - BOLT PLATE WASHER (T2)

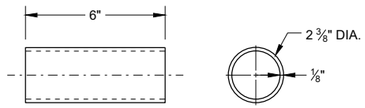


ANCHOR CABLE ASSEMBLY



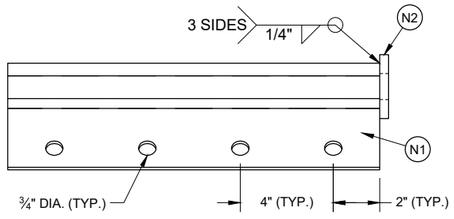
ELEVATION VIEW **PROFILE VIEW**

BCT BEARING PLATE (A3)

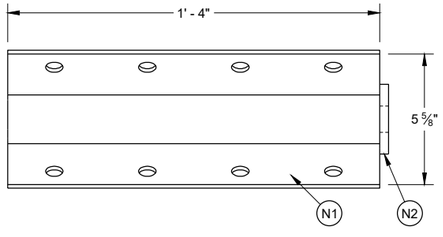


ELEVATION VIEW **PROFILE VIEW**

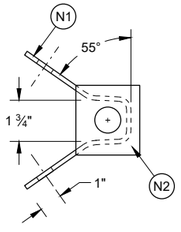
BCT POST SLEEVE (L2)



PLAN VIEW

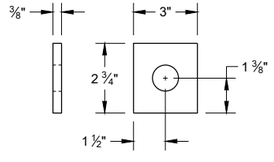


ELEVATION VIEW



PROFILE VIEW

ANCHOR BRACKET ASSEMBLY (N1)



ANCHOR BRACKET END PLATE (N2)

STEEL THRIE BEAM BULLNOSE TERMINAL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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SDD 14B26 - 05g

BILL OF MATERIALS LIST

PART NUMBER	DESCRIPTION	MATERIAL SPECIFICATION
A1	LONG FOUNDATION TUBE	AASHTO M111/ASTM A123 ASTM A500 GRADE B OR ASTM A-501
A2	FOUNDATION TUBE	AASHTO M111/ASTM A123 ASTM A500 GRADE B OR ASTM A-501
A3	BEARING PLATE AT POST	AASHTO M111/ASTM A123 ASTM A36 MIN STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI
B1	LOWER SLIP POST ASSEMBLY - PLATE	AASHTO M111/ASTM A123 ASTM A36 MIN STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI
B2	LOWER SLIP POST ASSEMBLY - TUBE	AASHTO M111/ASTM A123 ASTM A500 GRADE B OR ASTM A-501
C1	UPPER SLIP POST ASSEMBLY - PLATE	AASHTO M111/ASTM A123 ASTM A36 MIN STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI
C2	UPPER SLIP POST ASSEMBLY - POST	AASHTO M111/ASTM A123 ASTM A6 W6X9 OR W6X8.5 ASTM A36 MIN STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI
D1	BLOCK FOR STEEL POST - WOOD	WISDOT SPEC. 614
D2	TAPERED BLOCK FOR STEEL POST - WOOD	WISDOT SPEC. 614
D3	TAPERED BLOCK FOR BCT POST - WOOD	WISDOT SPEC. 614
E1	THRIE BEAM RAIL	AASHTO M180 CLASS A TYPE 2 APPROVED PRODUCER
E2	THRIE BEAM RAIL - SHOP BENT AND PUNCHED	AASHTO M180 CLASS A TYPE 2 APPROVED PRODUCER. INDICATE RADIUS BEAM GUARD IS BENT TO ON THE BACKSIDE OF RAIL. FOLLOW AASHTO M180. MARK RADIUS.
E3	THRIE BEAM RAIL - PUNCHED	AASHTO M180 CLASS A TYPE 2 APPROVED PRODUCER
E4	THRIE BEAM RAIL - SHOP BENT AND PUNCHED	AASHTO M180 CLASS A TYPE 2 APPROVED PRODUCER. INDICATE RADIUS BEAM GUARD IS BENT TO ON THE BACKSIDE OF RAIL. FOLLOW AASHTO M180. MARK RADIUS.
F1	5/8" DIA. HEX HEAD GROUND STRUT AND YOKE BOLT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 50 TYPE 1/ ASTM B695 CLASS 50 TYPE 1 UNC HEAVY HEX HEAD ASTM A307 GRADE B OR SAE J429 GRADE 2 OR ASTM F1554 GRADE 36
F2	5/8" DIA. GROUND STRUT AND YOKE BOLT - WASHER	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 50 TYPE 1/ ASTM B695 CLASS 50 TYPE 1 F436 TYPE 1 (HARDEN WASHER ONLY)
F3	GROUND STRUT AND YOKE BOLT - NUT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 50 TYPE 1/ ASTM B695 CLASS 50 TYPE 1 UNC OVER TAP NUTS AS SPECIFIED IN AASHTO 291/ASTM A 563 HEAVY HEX HEAD ASTM A563DH OR SAE J995 GRADE 5
G1	5/8 " DIA. POST BOLT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 50 TYPE 1/ ASTM B695 CLASS 50 TYPE 1 F436 TYPE 1 (HARDEN WASHER TYPICALLY USED WITH STEEL POSTS) OR ASTM F844 (UNHARDENED WASHER TYPICALLY USED WITH WOOD)
G2	POST BOLT - WASHER	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 50 TYPE 1/ ASTM B695 CLASS 50 TYPE 1 F436 TYPE 1 (HARDEN WASHER TYPICALLY USED WITH STEEL POSTS) OR ASTM F844 (UNHARDENED WASHER TYPICALLY USED WITH WOOD)
G3	POST BOLT - NUT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 50 TYPE 1/ ASTM B695 CLASS 50 TYPE 1 UNC OVER TAP NUTS AS SPECIFIED IN AASHTO 291/ASTM A 563 AASHTO M180 RECESSED HEAVY HEX HEAD ASTM A563DH OR SAE J995 GRADE 5
H1	7/8" DIA. SOIL TUBE BOLT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 50 TYPE 1/ ASTM B695 CLASS 50 TYPE 1 UNC OVER TAP NUTS AS SPECIFIED IN AASHTO 291/ASTM A 563 HEAVY HEX HEAD 7/8" ASTM A563DH OR SAE J995 GRADE 5
H2	SOIL TUBE BOLT - WASHER	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 50 TYPE 1/ ASTM B695 CLASS 50 TYPE 1 7/8" ASTM F844 TYPE 1 (HARDEN WASHER ONLY)
H3	SOIL TUBE BOLT - NUT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 50 TYPE 1/ ASTM B695 CLASS 50 TYPE 1 UNC OVER TAP NUTS AS SPECIFIED IN AASHTO 291/ASTM A 563 HEAVY HEX HEAD 7/8" ASTM A563DH OR SAE J995 GRADE 5
J1	16D DOUBLE HEAD NAIL	ASTM A153 HOT DIPPED CLASS D DOUBLE HEAD ASTM F1667 TYPE 1 STYLE 12 (16 DOUBLE HEADED)
L1	BCT TIMBER POST	WISDOT SPEC. 614 S4S FINISH ON 4 SIDE
L2	BCT POST SLEEVE	AASHTO M111/ASTM A123 2 3/8" OD ASTM 53 GRADE B
M1	W6X8.5 OR W6X9 STEEL POST	AASHTO M111/ASTM A123 ASTM A6 W6X9 OR W6X8.5 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI
M2	W6X8.5 OR W6X9 STEEL POST	AASHTO M111/ASTM A123 ASTM A6 W6X9 OR W6X8.5 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI
N1	ANCHOR BRACKET	AASHTO M111/ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI
N2	ANCHOR BRACKET - BEARING PLATE	AASHTO M111/ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI

PART NUMBER	DESCRIPTION	MATERIAL SPECIFICATION
P1	5/8" DIA. ANCHOR BRACKET BOLT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 50 TYPE 1/ ASTM B695 CLASS 50 TYPE 1 UNC HEAVY HEX HEAD 5/8" ASTM A307 GRADE B OR SAE J429 GRADE 2 OR ASTM F1554 GRADE 36
P2	ANCHOR BRACKET BOLT - WASHER	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 50 TYPE 1/ ASTM B695 CLASS 50 TYPE 1 F436 TYPE 1 (HARDEN WASHER ONLY)
P3	SOIL TUBE BOLT - NUT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 50 TYPE 1/ ASTM B695 CLASS 50 TYPE 1 UNC OVER TAP NUTS AS SPECIFIED IN AASHTO 291/ASTM A 563 HEAVY HEX HEAD ASTM A563DH OR SAE J995 GRADE 5
Q1	5/8" DIA. NOSE CABLE	6X19 AASTHO M30 / ASTM A741 XIPS INDEPENDENT WIRE CORE (IWRC) PR 6X25 XIPS, IWRC NOMINAL BREAKING STRENGTH OF 41.2 KIPS.
Q2	NOSE CABLE-SWAGE BUTTON	COLD TUFF BUTTON, S-409 SIZE NO. 12 STOCK NUMBER 1040395 OR ANY OTHER SIMILAR SIZED WAGED-GRIP-BUTTON FERRULES. ASTM A576 GRADE 1035 SWAGE FITTING ARE TO BE FIELD SWAGED PER MANUFACTURERS RECOMMENDATION. NOMINAL BREAKING STRENGTH OF 41.2 KIPS.
R1	NOSE CABLE ANCHOR BRACKET	AASHTO M111/ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI
S1	5/8" DIA. SPLICE BOLT - BOLT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 50 TYPE 1 / ASTM B695 CLASS 50 TYPE 1 UNC AASHTO M180 HEAD ASTM A307 GRADE B OR SAE J429 GRADE 2 OR ASTM F1554 GRADE 36
S2	SPLICE - BOLT NUT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 50 TYPE 1 / ASTM B695 CLASS 50 TYPE 1 UNC OVER TAP NUTS AS SPECIFIED IN AASHTO 291/ASTM A 563 AASHTO M180 RECESSED HEAVY HEX HEAD 5/8" ASTM A563DH OR SAE J995 GRADE 5
T1	1/4" DIA. NOSE CABLE - U BOLT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 50 TYPE 1 / ASTM B695 CLASS 50 TYPE 1 UNC HEAVY HEX HEAD ASTM A307 GRADE B OR SAE J429 GRADE 2 OR ASTM F1554 GRADE 36
T2	U-BOLT - PLATE WASHER	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 50 TYPE 1 / ASTM B695 CLASS 50 TYPE 1 F436 TYPE 1 (HARDEN WASHER ONLY)
T3	U-BOLT NUT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 50 TYPE 1/ ASTM B695 CLASS 50 TYPE 1 UNC OVER TAP NUTS AS SPECIFIED IN AASHTO 291 / ASTM A 563 HEAVY HEX HEAD ASTM A563DH OR SAE J995 GRADE 5
U1	7/16" DIA. SLIP POST ASSEMBLY - BREAKAWAY BOLT	ASTM A153 OR B695 CLASS 55 OR F2329 UNC FULLY THREADED HEX HEAD TAP BOLT ASTM A449 OR SAE J429 GRADE 5
U2	7/16" DIA. SLIP POST ASSEBLY - BREAKAWAY BOLT - WASHER	ASTM F436 TYPE I (HARDEN TYPICALLY USED WITH STEEL) GALV. AASHTO M111/ASTM A 123 OR GALV. HOT DIP. TO POST BOLT CLASS C / ASTM F2329 OR GALV. MECHANICALLY TO AASHTO M232 CLASS C / ASTM A153 CLASS C / ASTM AASHTO M298 CLASS 50, TYPE 1 / ASTM B695 CLASS 55, F2329
U3	SLIP POST ASSEBLY - BREAKAWAY BOLT - NUT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 50 TYPE 1 / STM B695 CLASS 50 TYPE 1 UNC OVER TAP NUTS AS SPECIFIED IN AASHTO 291/ASTM A 563 HEAVY HEX HEAD ASTM A563DH OR SAE J995 GRADE 5
V1	¾" DIA. BCT CABLE	AASHTO M30 / ASTM A741 6X19 INDEPENDENT WIRE CORE (IWRC) IMPROVED PLOW STEEL (IPS), 6X19 INDEPENDENT WIRE CORE (IWRC) IMPROVED PLOW STEEL (IPS) TYPE II OR IIC, CLASS C ZINC COATED MIN BREAKING STRENGTH OF 42.7 KIPS
V2	ANCHOR CABLE-SWAGE FITTING	UNC ASTM A576 GRADE 1035 SWAGE FITTING ARE TO BE FACTORY SWAGED. MIN. BREAKING STRENGTH OF 42.7 KIPS. ASME B30.26 "FORGED, CAST, OR DIE STAMPED WITH THE FOLLOWING IN TO CONNECTION: NAME OF MANUFACTURE OR TRADEMARK OF CONNECTION'S MANUFACTURER, SIZE OR RATED LOAD, GRADE FOR ALLOY EYEBOLTS."
V3	1" DIA. ANCHOR CABLE-WASHER	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 50 TYPE 1 / ASTM B695 CLASS 50 TYPE 1 F436 TYPE 1 (HARDEN WASHER ONLY)
V4	1" DIA. ANCHOR CABLE-NUT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 50 TYPE 1/ ASTM B695 CLASS 50 TYPE 1 UNC OVER TAP NUTS AS SPECIFIED IN AASHTO 291 / ASTM A 563 HEAVY HEX HEAD ASTM A563DH OR SAE J995 GRADE 5
W1	REFLECTOR	SEE SDD 15A4

6

SDD 14B26 - 05h

6

SDD 14B26 - 05h

STEEL THRIE BEAM BULLNOSE TERMINAL

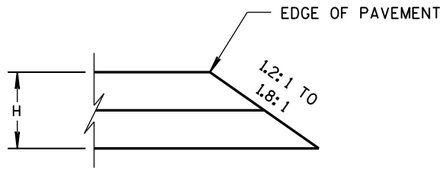
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

November 2022
DATE

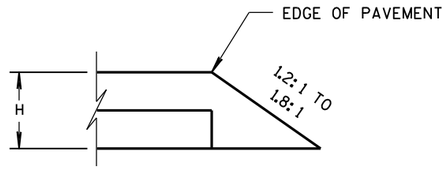
/S/ Rodney Taylor
ROADWAY STANDARDS DEVE ENGINEER

FHWA



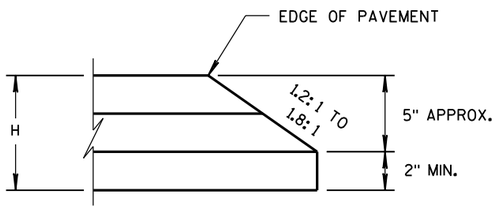
CONSTRUCTED WITH FINAL TWO LAYERS

FOR H 5" OR LESS



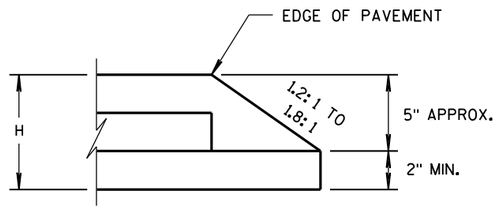
CONSTRUCTED WITH FINAL LAYER

FOR H 5" OR LESS



CONSTRUCTED WITH FINAL TWO LAYERS

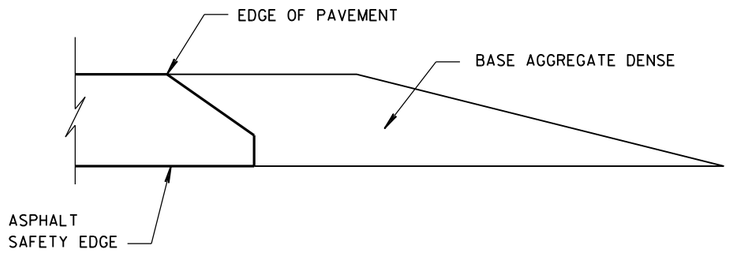
FOR H GREATER THAN 5"



CONSTRUCTED WITH FINAL LAYER

FOR H GREATER THAN 5"

HMA PAVEMENT AND HMA OVERLAYS



FINISHED SHOULDER AGGREGATE PLACEMENT

6

6

S.D.D. 14 B 29-1

S.D.D. 14 B 29-1

SAFETY EDGE SM

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

11/30/2012
DATE

/S/ Jerry H. Zoda
ROADWAY STANDARDS DEVELOPMENT ENGINEER

737

FHWA

(1) WOOD OR STEEL POSTS (w6X9 OR w6X8.5) MAY BE USED. DO NOT INTERMIX WOOD AND STEEL POSTS. INSTALL STEEL POSTS WITH HOLES ON APPROACHING TRAFFIC SIDE.

(2) USE WOOD OR APPROVED PLASTIC BLOCKOUTS. WOOD BLOCKOUTS MAY BE CONSTRUCTED OUT OF TWO OR MORE WOOD BLOCKOUTS. SEE ALTERNATE WOOD BLOCKOUT DETAIL. DIMENSIONS OF APPROVED PLASTIC BLOCKOUTS MAY VARY.

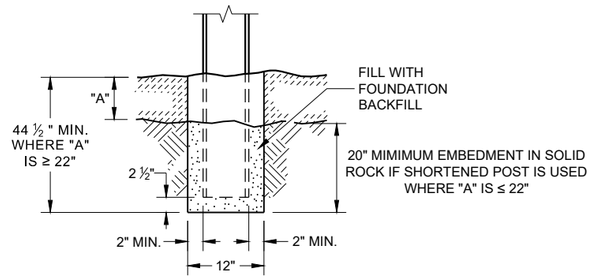
(3) IF ROCK IS ENCOUNTERED DURING EXCAVATION, PROVIDE A HOLE 12 INCHES IN DIAMETER EXTENDING 20 INCHES DEEP INTO THE ROCK. PLACE APPROXIMATELY 2 1/2" INCHES OF GRANULAR MATERIAL IN THE BOTTOM OF THE HOLE. CUT THE POSTS THE TO LENGTH AMD INSTALL. BACKFILL WITH EXCAVATED MATERIAL AND COMPACT. BACKFILL IS TO BE FREE OF LARGE ROCKS.

(4) WHEN THE DISTANCE FROM BACK OF POST TO SHOULDER HINGE POINT IS LESS THAN 2 FEET INSTALL LONGER POST AT HALF POST SPACING (K).

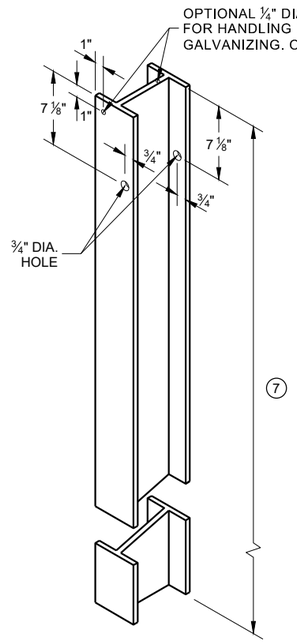
(5) FOR NEW MGS INSTALLATION TOP OF W-BEAM RAIL TOLERANCE IS ±1". FOR EXISTING MGS INSTALLATION TOP OF W-BEAM IS BETWEEN 27 ¾" TO 32".

(6) WHEN USING STEEL POST AND WOOD BLOCKOUTS INSTALL FOUR 16D GALVANIZED NAILS. INSTALL NAILS AT THE BACK CORNERS OF THE BLOCK AND BEND THE NAILS OVER THE FLANGE OF THE STEEL POST.

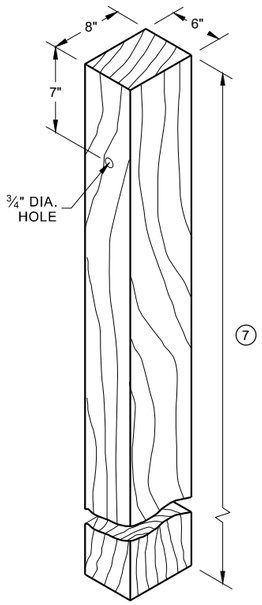
(7) TOTAL POST LENGTH FOR TYPE K IS 7' - 0".
TOTAL POST LENGTH FOR OTHER MGS TYPES IS 6' - 0".



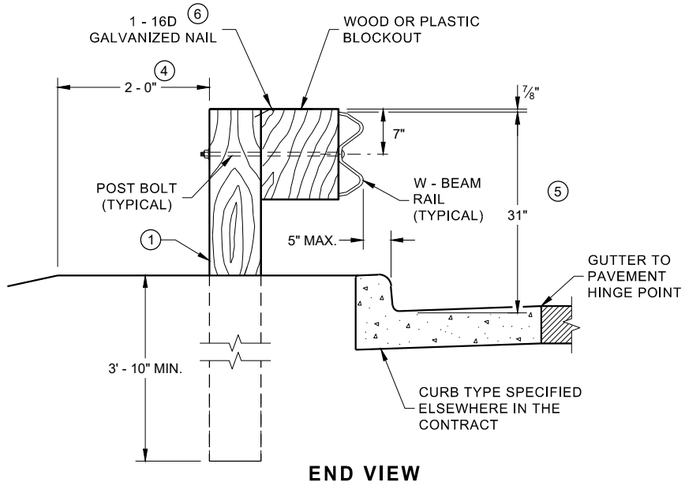
END VIEW
SETTING STEEL OR WOOD POST IN ROCK (3)



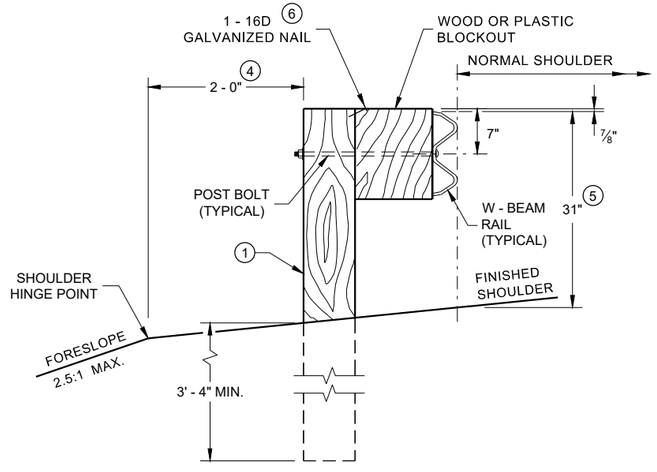
STEEL POST & HOLE PUNCHING DETAIL (W 6 X 9) (1)



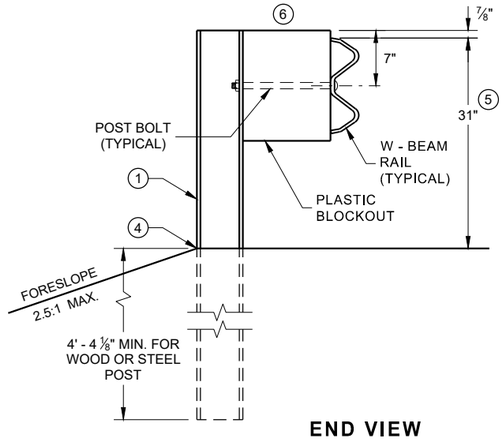
WOOD POST (6" X 8") NOMINAL (1)



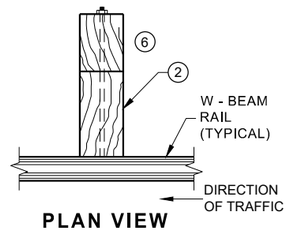
END VIEW
LOCATED ALONG A CURBED ROADWAY



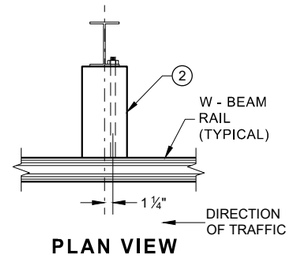
END VIEW
LOCATED ALONG A ROADWAY SHOULDER STANDARD INSTALLATION



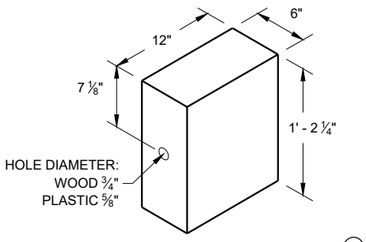
END VIEW
MGS LONGER POST AT HALFPOST SPACING W BEAM (K)



PLAN VIEW
WOOD POST, BLOCKOUT & BEAM



PLAN VIEW
STEEL POST, PLASTIC BLOCKOUT & BEAM



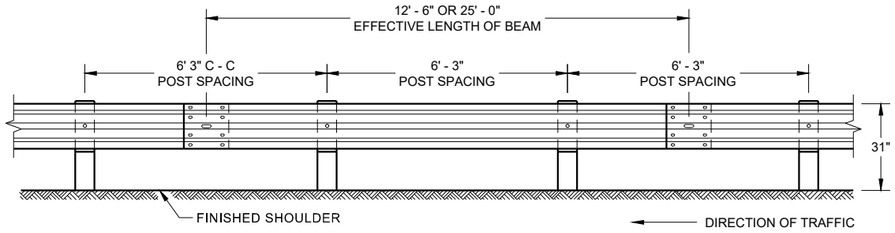
WOOD OR PLASTIC BLOCKOUT (2)

MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL

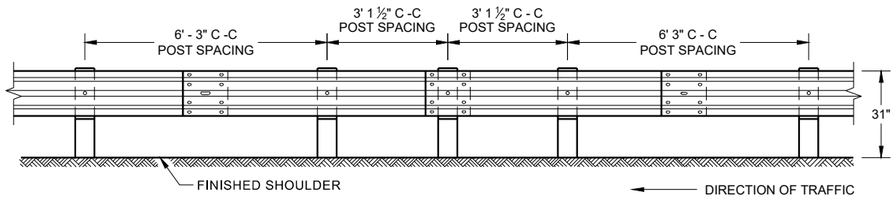
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

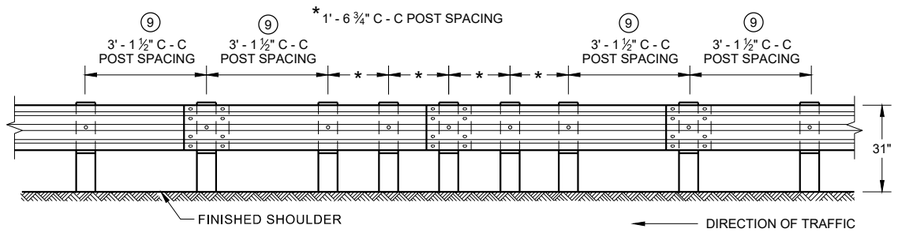
SDD 14B42 - 07a
SDD 14B42 - 07a



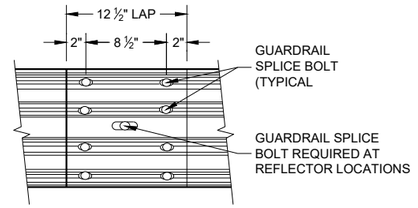
FRONT VIEW
POST SPACING STANDARD INSTALLATION



FRONT VIEW
HALF POST SPACING (HS) AND
HALF POST SPACING WITH LONGER POSTS (K)



FRONT VIEW
QUARTER POST SPACING (QS)



FRONT VIEW
MID-SPAN BEAM SPLICE

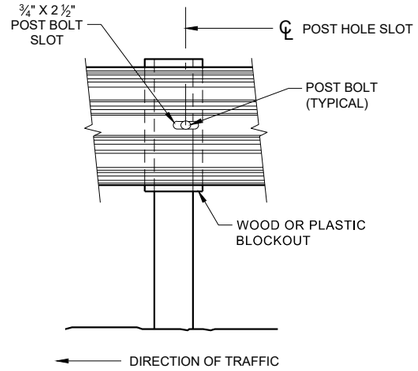
GENERAL NOTES

⑧ DO NOT INSTALL REFLECTORS ON THE FIRST 50 FEET OF THE APPROACH END OF THE ENERGY ABSORBING TERMINAL.

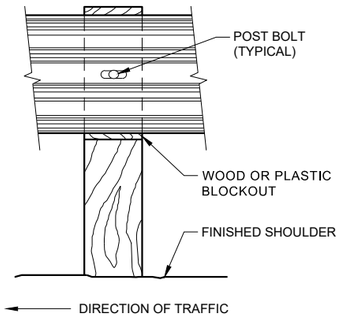
⑨ 25 FEET OF HALF POST SPACING IS REQUIRED ON APPROACH AND DEPARTURE ENDS OF QUARTER POST SPACING.

POST BOLTS ARE A ⅝" DIAMETER ASTM A307 GUARDRAIL BOLT. A POST BOLT REQUIRES ⅝" DIAMETER A563A DOUBLE RECESSED (DR) HEAVY HEX NUT AND ⅝" DIAMETER F844 FLAT WASHER. POST BOLTS MAY BE LONGER IF MULTIPLE BLOCKOUTS ARE BEING USED.

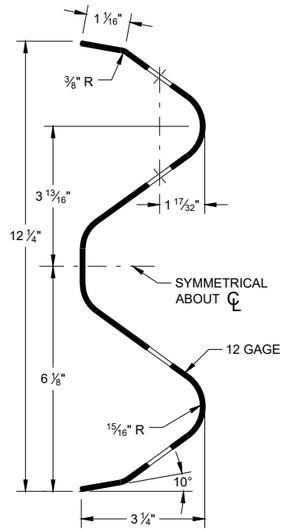
GUARD RAIL SPLICE BOLTS ARE A ⅝" DIAMETER ASTM A307 GUARDRAIL HEAD BOLT. A GUARDRAIL SPLICE BOLT REQUIRES ⅝" DIAMETER A563A DOUBLE RECESSED (DR) HEAVY HEX NUT.



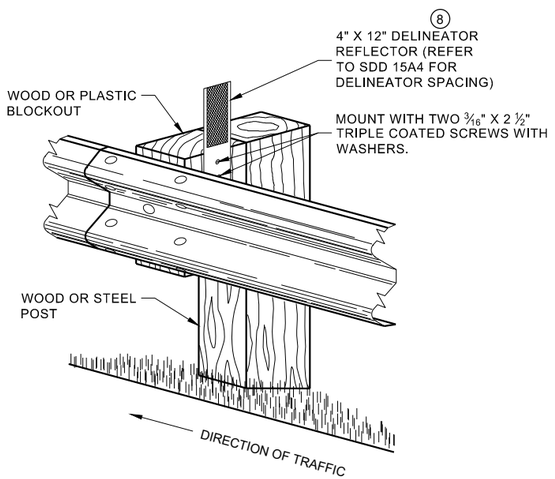
FRONT VIEW AT STEEL POST



FRONT VIEW AT WOOD POST



SECTION THRU W-BEAM RAIL



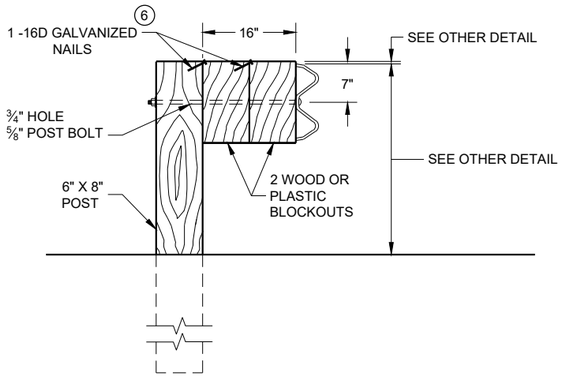
ONE SIDED REFLECTOR DETAIL
AND TYPICAL INSTALLATION

MIDWEST GUARDRAIL SYSTEM
(MGS) GUARDRAIL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

SDD 14B42 - 07b

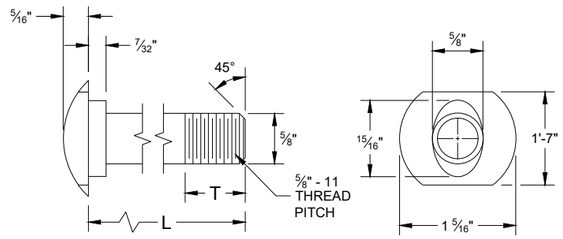


DETAIL FOR 16" BLOCKOUT DEPTH

IT IS ACCEPTABLE TO USE BLOCKOUTS UP TO 16" DEEP TO INCREASE THE POST OFFSET TO AVOID UNDERGROUND OBSTACLES. THERE IS NO LIMIT TO THE NUMBER OF POSTS THAT CAN HAVE ADDITIONAL BLOCKOUTS UP TO 16" DEEP.

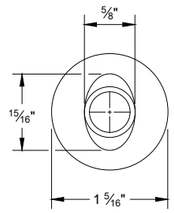
NOTE:

1. ALL FILLETS SHALL HAVE A MINIMUM RADIUS OF 3⁄16".
2. IF THE BOLT EXTENDS MORE THAN ¼" FROM THE NUT THE BOLT SHOULD BE TRIMMED BACK.

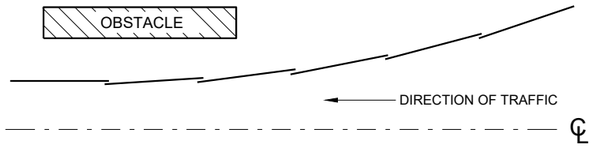


POST BOLT TABLE

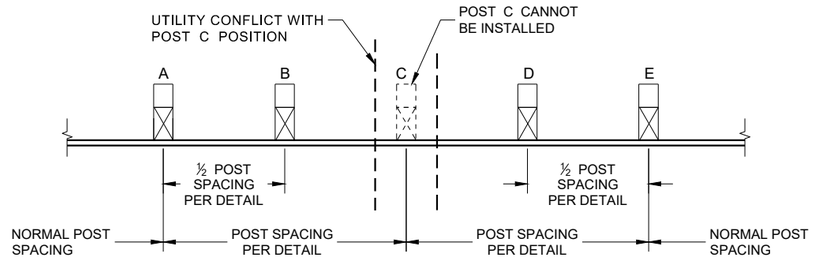
L	T (MIN.)
1 ¼"	1 ⅛"
2"	1 ¾"
10"	4"
14"	4 1⁄16"
18"	4"
21"	4 1⁄16"
25"	4"



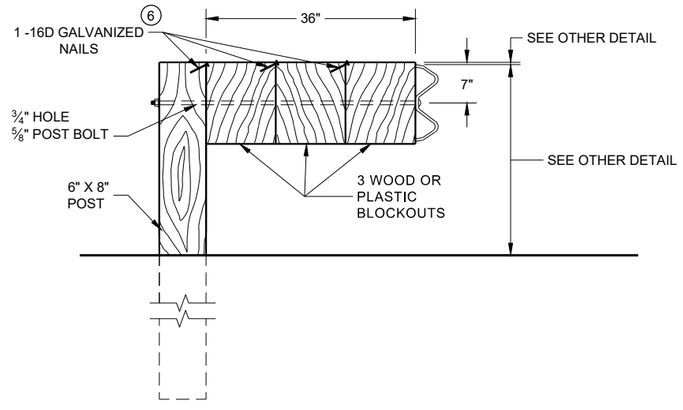
ALTERNATE BOLT HEAD



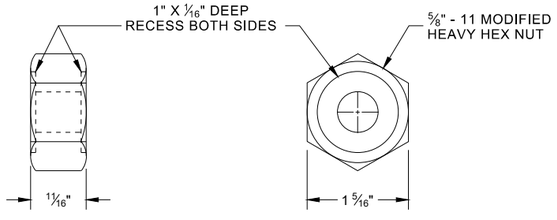
PLAN VIEW
BEAM LAPPING DETAIL



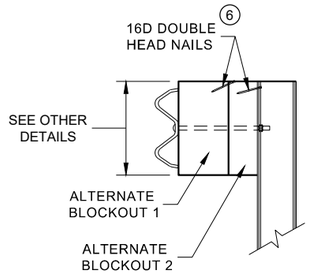
POST DRIVING FOR CONTINUOUS UNDERGROUND OBSTRUCTION



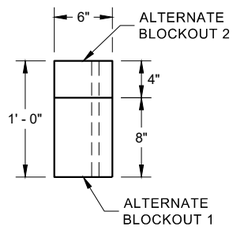
DETAIL FOR 36" BLOCKOUT DEPTH



POST BOLT, SPLICE BOLT AND RECESS NUT



SIDE VIEW



PLAN VIEW

ALTERNATE WOOD BLOCKOUT DETAIL

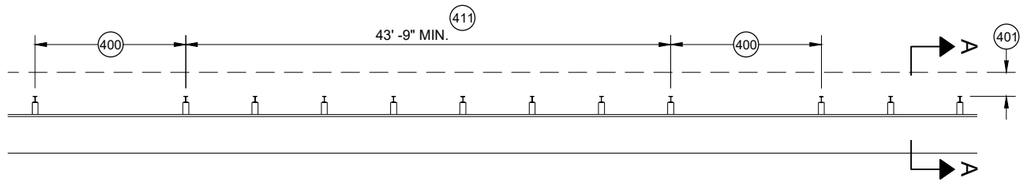
NOTES: UNDER SPECIAL CIRCUMSTANCES, SUCH AS AVOIDING OBSTACLES THAT ARE NOT RELOCATED, IT IS ACCEPTABLE TO INSTALL ADDITIONAL BLOCKOUTS TO OBTAIN UP TO 36" DEPTH FOR ONE OR TWO POSTS IN A SECTION OF GUARDRAIL.

DO NOT USE 16" OR 36" BLOCKOUTS IF IT CAUSES THE POST TO BE DRIVEN BEYOND SHOULDER HINGE POINT OR CAUSES A FIXED OBJECT TO BE WITHIN THE DEFLECTION DISTANCE OF THE BARRIER.

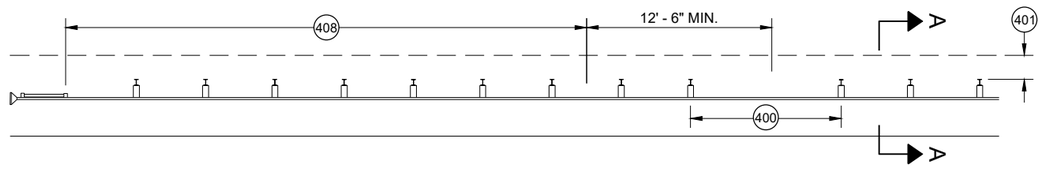
(6) WHEN USING STEEL POST AD WOOD BLOCKOUTS, INSTALL FOUR 16D GALVANIZED NAILS. INSTALL NAILS AT THE BACK CORNERS OF THE BLOCK AND BEND THE NAILS OVER THE FLANGE OF THE STEEL POST.

MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL

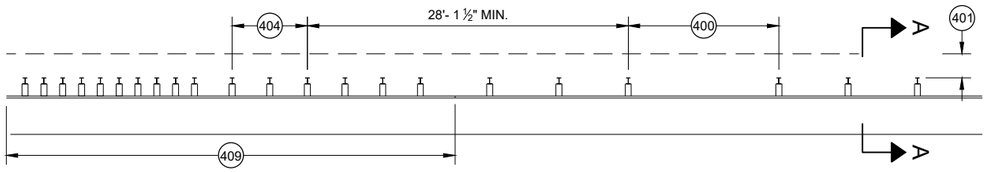
6
SDD 14B42 - 07c



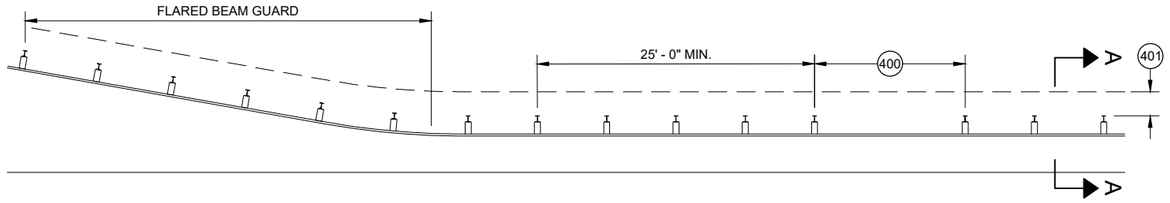
MISSING POST IN MGS GUARDRAIL



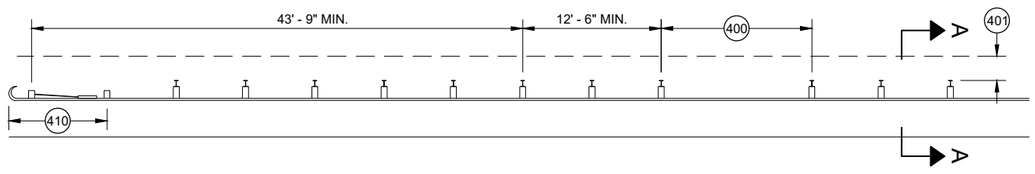
MISSING POST IN MGS GUARDRAIL NEAR EAT



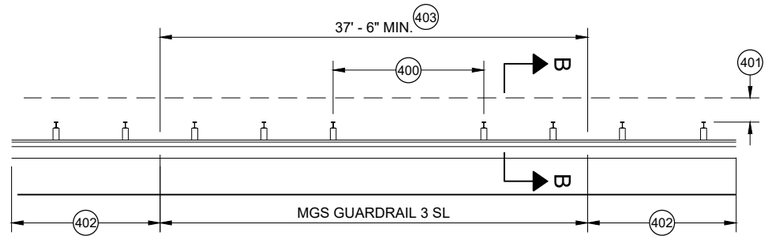
MISSING POST IN MGS GUARDRAIL NEAR AN APPROACH TRANSITION



MISSING POST IN MGS GUARDRAIL NEAR FLARED BEAM GUARD

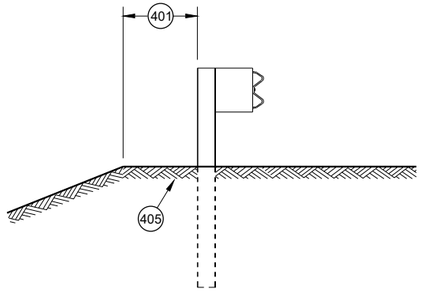


MISSING POST IN MGS GUARDRAIL NEAR A TYPE 2 END TERMINAL

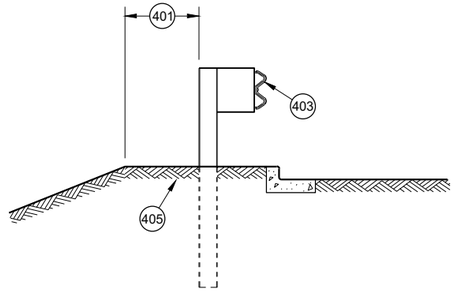


MISSING POST IN SHORT SPAN MGS GUARDRAIL NEAR CURB (SL) 407

(400) MAX SPAN 12' - 6"
(401) 2' MIN.
(402) MGS GUARDRAIL 3
(403) NESTING BEAM GUARD
(404) ASYMMETRIC TRANSITION
(405) SOIL WELL DRAINED AND COMPACTED
(406) SEE OTHER DRAWINGS IN THIS SDD
(407) SEE OTHER DRAWINGS FOR MIN. SPACING BETWEEN SPANS
(408) SEE SDD 14B44
(409) SEE SDD 14B45
(410) SEE SDD 14B47
(411) MINIMUM DISTANCE BETWEEN MISSING POST SPANS.



SECTION A - A 406



SECTION B - B 406

MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2021 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS DEVE UNIT SUPERVISOR

FHWA

6

SDD 14B42 - 07d

GENERAL NOTES

(A) THE SLOPE IN THE AREA BOUNDED BY THE GRADELINE, THE HINGE POINT LINE (HPL) AND THE CLEAR ZONE LIMITS (CZL) SHALL BE 4:1 OR FLATTER.

(B) AFTER FINAL ASSEMBLY, RECHECK CABLE TO BE SURE IT IS TAUT AND HAS NOT RELAXED

(C) DIFFERENT MANUFACTURERS REQUIRE DIFFERENT PERFORATED W - BEAM RAIL END PANELS. SEE MANUFACTURER'S INFORMATION.

(D) ATTACH ALUMINUM SHEET TO E.A.T. HEAD USING 4 STAINLESS STEEL SELF - TAPPING SCREWS. ONE SCREW PER CORNER.

(E) HARDWARE MAY VARY BETWEEN MANUFACTURER. SEE MANUFACTURER'S DRAWING FOR INFORMATION.

DIMENSIONS MAY VARY, MANUFACTURER'S INFORMATION.

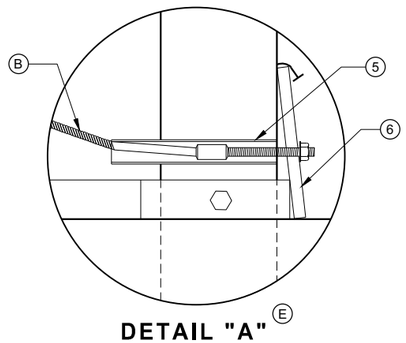
SEE SDD 14B42 FOR MORE INFORMATION.

* DO NOT ATTACH BLOCKOUTS TO POST 1 AND 2.

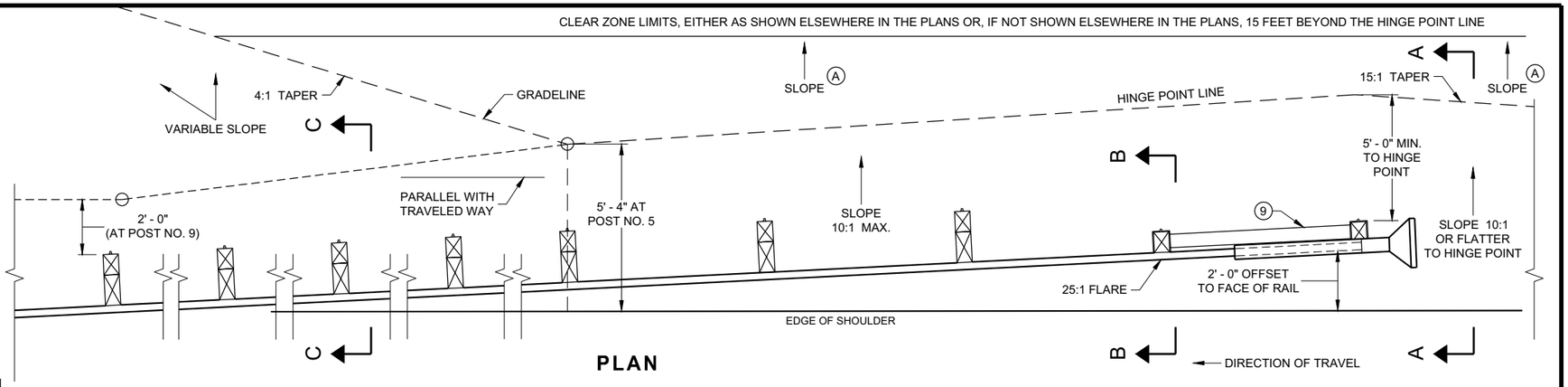
DO NOT INSTALL REFLECTORS ON THE FIRST 50 FEET OF THE APPROACH END OF THE ENERGY ABSORBING TERMINAL.

SEE MANUFACTURER'S DRAWING FOR SPLICE LOCATION, HARDWARE DIMENSIONS AND INSTALLATION INSTRUCTIONS.

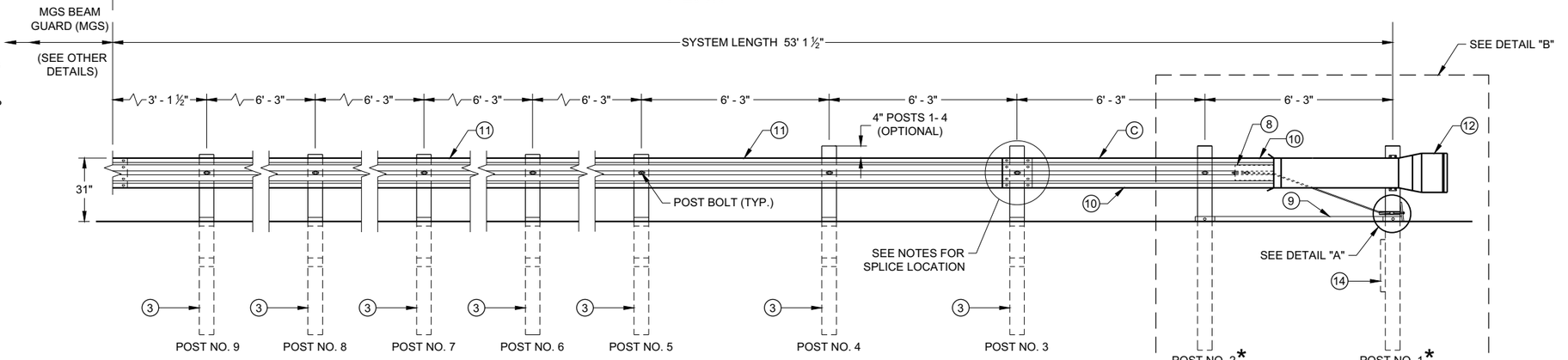
THE CENTER OF THE UPPER 3 ½" DIAMETER HOLE ON POST NUMBER 3 THROUGH POST 9 IS TO BE FLUSH WITH THE GROUND LINE UP TO A MAXIMUM OF 2" ABOVE GROUND LINE. WOOD BLOCKS ON POSTS NUMBERED 3 THROUGH 9 MAY BE ADJUSTED UP TO 3" ABOVE THE TOP OF POST.



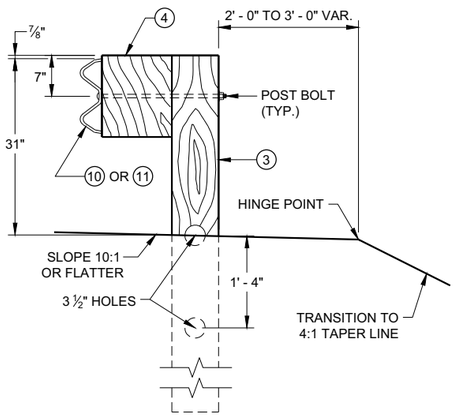
DETAIL "A" (E)



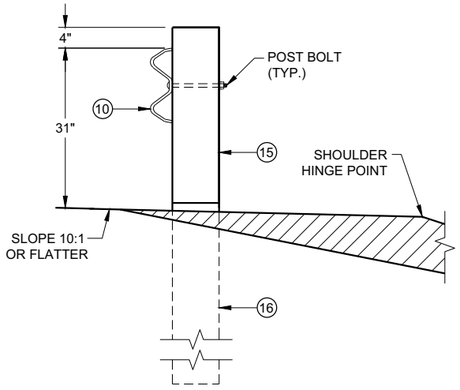
PLAN



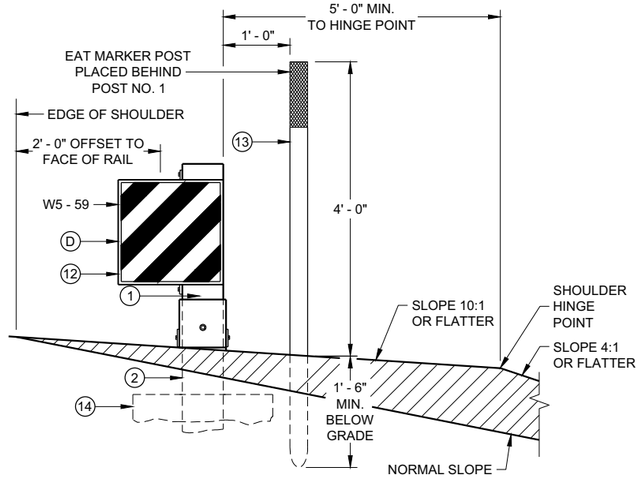
ELEVATION



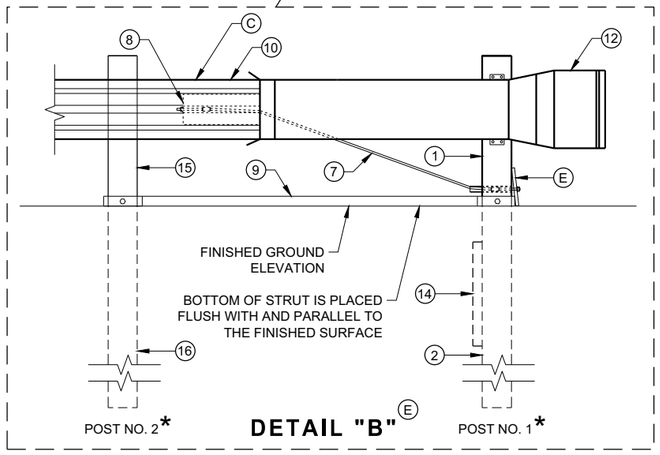
SECTION C - C
TYPICAL AT POST NOS. 3 - 9



SECTION B - B
TYPICAL AT POST NO. 2*



SECTION A - A
TYPICAL AT POST NO. 1*



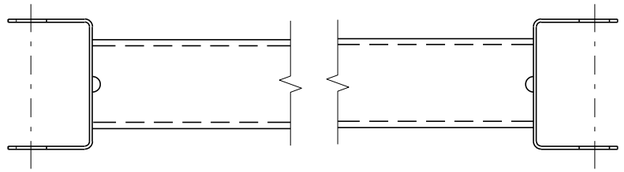
DETAIL "B" (E)

MIDWEST GUARDRAIL SYSTEM
ENERGY ABSORBING TERMINAL (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

SDD 14B44 - 04a

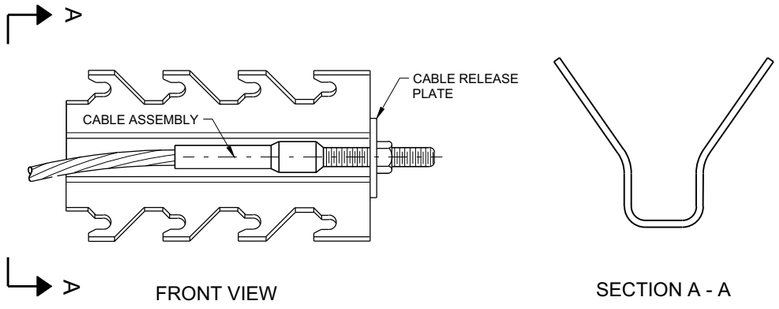
SDD 14B44 - 04a



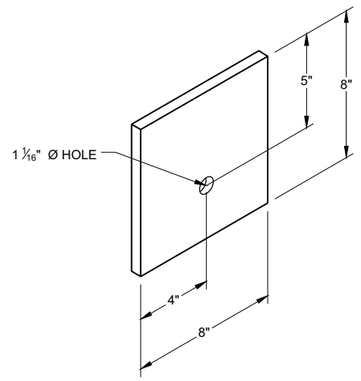
GENERIC GROUND STRUT ⑨ Ⓔ

BILL OF MATERIALS

PART NO.	DESCRIPTION MATERIALS PROVIDED BY MGS EAT MANUFACTURER. SEE MANUGACTURER'S DETAILS FOR MORE INFORMATION.
①	UPPER POST NO. 1 6" X 6" TUBE
②	LOWER POST NO. 1
③	WOOD CRT
④	WOOD BLOCKOUT
⑤	PIPE SLEEVE
⑥	BEARING PLATE
⑦	BCT CABLE ASSEMBLY
⑧	ANCHOR CABLE BOX
⑨	GROUND STRUT
⑩	PERFORATED W-BEAM RAIL END PANEL, 12'-6" LONG.
⑪	STANDARD W-BEAM RAIL. MULTIPLE SECTIONS REQUIRED. SECTIONS VARY IN LENGTH.
⑫	IMPACT HEAD
⑬	EAT MARKER POST - YELLOW (SEE APPROVED PRODUCTS LIST)
⑭	SOIL PLATE
⑮	UPPER POST NO. 2
⑯	LOWER POST NO. 2



GENERIC ANCHOR CABLE BOX ⑨ Ⓔ



BEARING PLATE ⑥ Ⓔ

6

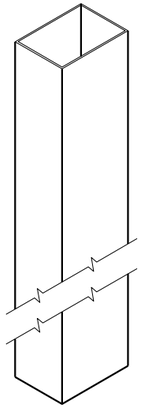
6

SDD 14B44 - 04b

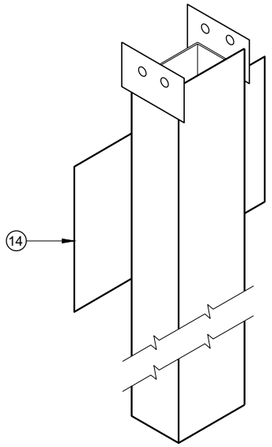
SDD 14B44 - 04b

MIDWEST GUARDRAIL SYSTEM
ENERGY ABSORBING TERMINAL
(MGS)

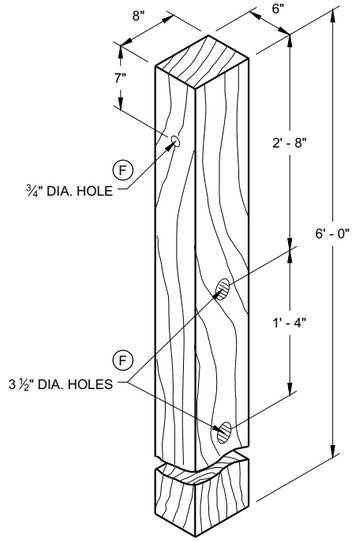
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



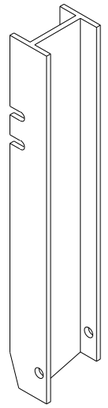
UPPER POST NO. 1 (1) (E)



LOWER POST NO. 1 (2) (E)



WOOD CRT POST (3) (E)
POSTS NUMBER 3-9



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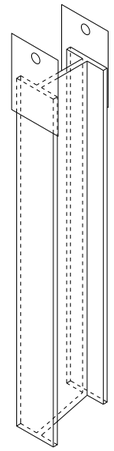

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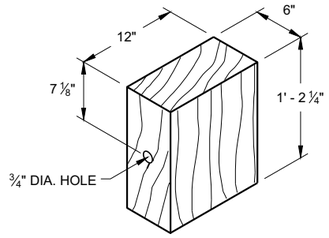
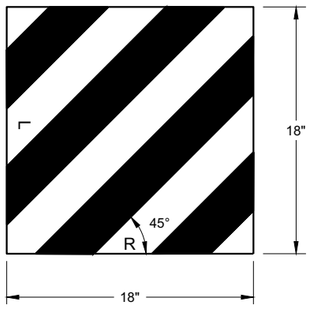
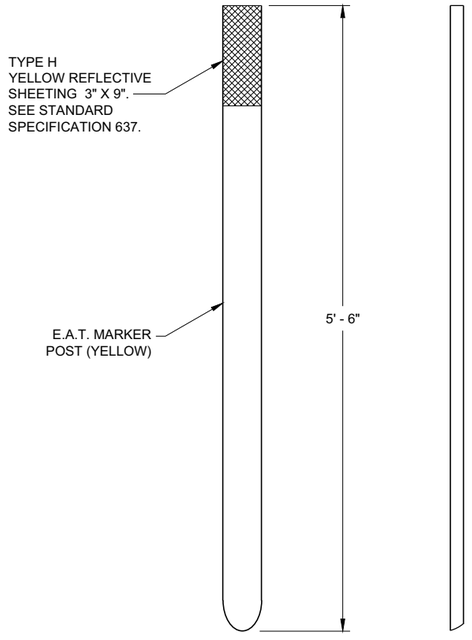


WOOD BLOCKOUT (4)
REQ'D. AT ALL POSTS EXCEPT POST NO'S 1 & 2



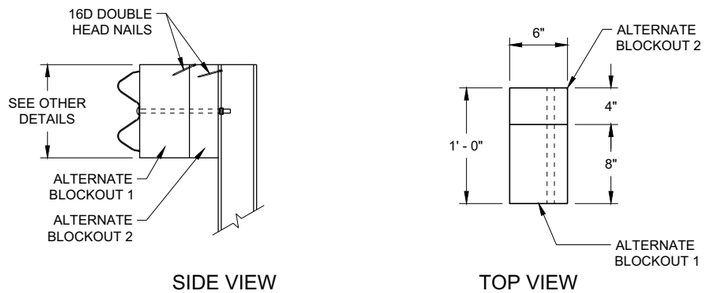
W5 - 59

REFLECTIVE SHEETING DETAIL (E)



FRONT VIEW SIDE VIEW

E.A.T. MARKER POST (13)



SIDE VIEW TOP VIEW

ALTERNATE WOOD BLOCKOUT DETAIL

MIDWEST GUARDRAIL SYSTEM ENERGY ABSORBING TERMINAL (MGS)

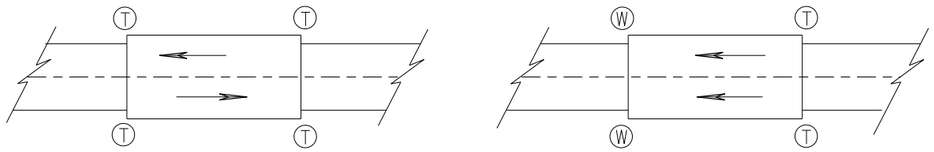
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
7/2018 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS DEVE UNIT SUPERVISOR

FHWA

6

SDD 14B44 - 04c



TWO WAY TRAFFIC

ONE WAY TRAFFIC

(T) THRIE BEAM CONNECTION

(W) W-BEAM CONNECTION WHEN REQUIRED

TYPICAL LOCATIONS OF THRIE BEAM AND W-BEAM CONNECTIONS TO BRIDGE

GENERAL NOTES

IF ROCK IS ENCOUNTERED, REMOVE ROCK TO FULL DEPTH OF POST PLUS 2½", AND 12" DIAMETER AROUND POST. SEE 14B42 FOR MORE DETAILS.

TRANSITION USES STEEL POSTS ONLY.

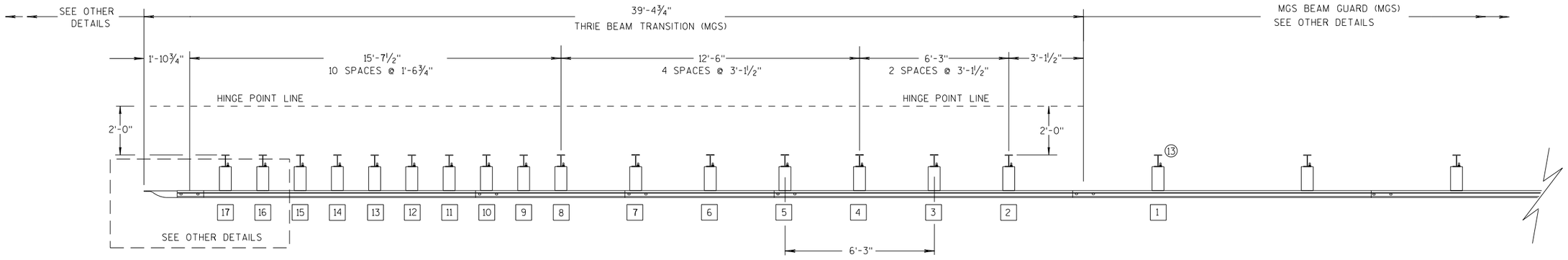
SEE STANDARD DETAIL DRAWING 14 B 42 FOR MORE INFORMATION.

POST 2 THROUGH 17 USES STEEL POST ONLY

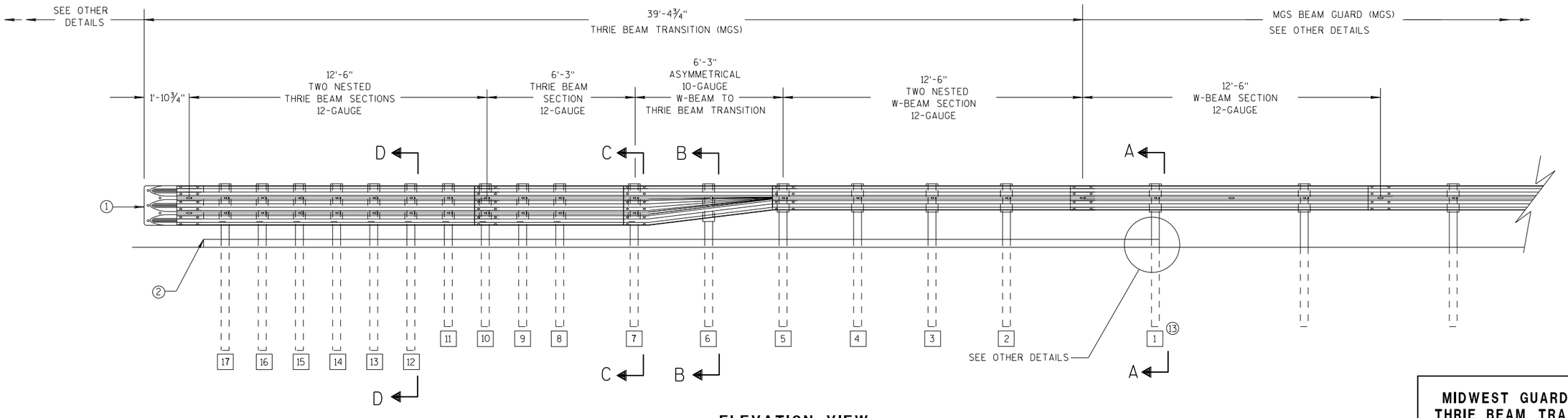
(1) BRIDGE RAILING TYPE "W" DOES NOT REQUIRE A TERMINAL CONNECTOR.

(2) OPTIONAL CURB AND GUTTER OR DRAINAGE FEATURE SEE PLAN FOR INFORMATION.

(13) STEEL OR WOOD POST IS ACCEPTABLE AT POST 1. SEE SDD14B42



PLAN VIEW



ELEVATION VIEW

MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION

MIDWEST GUARDRAIL SYSTEM
THRIE BEAM TRANSITION (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPOR 745

6

S.D.D. 14 B 45-5a

6

S.D.D. 14 B 45-5a

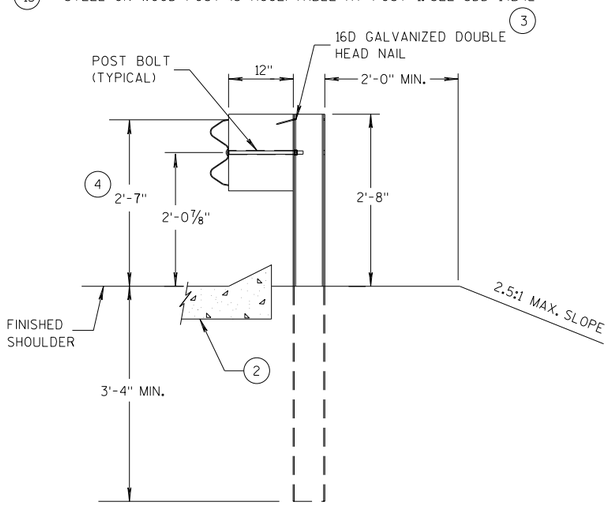
GENERAL NOTES

(2) OPTIONAL CURB AND GUTTER OR DRAINAGE FEATURE SEE PLAN FOR INFORMATION.

(3) WHEN USING STEEL POSTS AND WOOD BLOCKOUTS INSTALL FOUR 10D GALVANIZED NAILS. INSTALL NAILS AT THE BACK CORNERS OF THE BLOCK AND BEND THE NAILS OVER THE FLANGE OF THE STEEL POST.

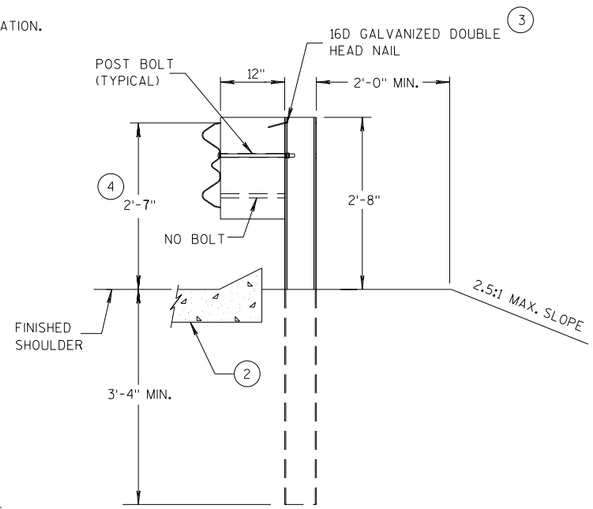
(4) TOLERANCE FOR TOP OF W-BEAM RAIL IS ± 1".

(13) STEEL OR WOOD POST IS ACCEPTABLE AT POST 1. SEE SDD 14B42



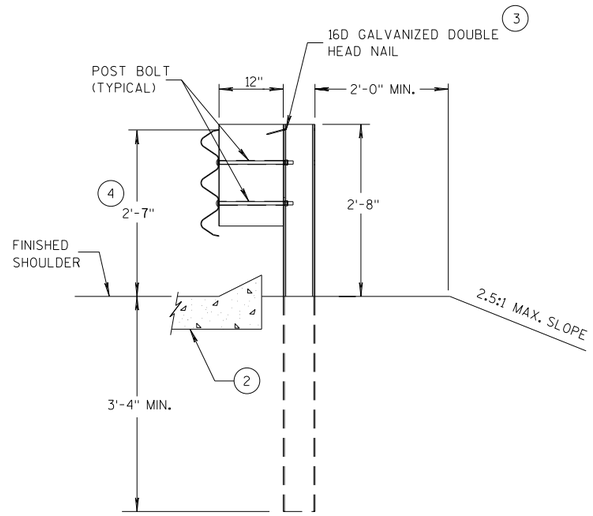
SECTION A-A (13)

POSTS 1-5



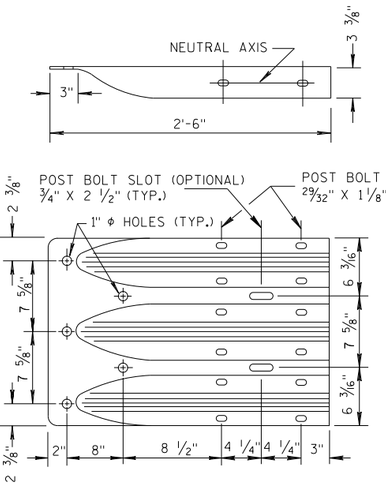
SECTION B-B

POST 6

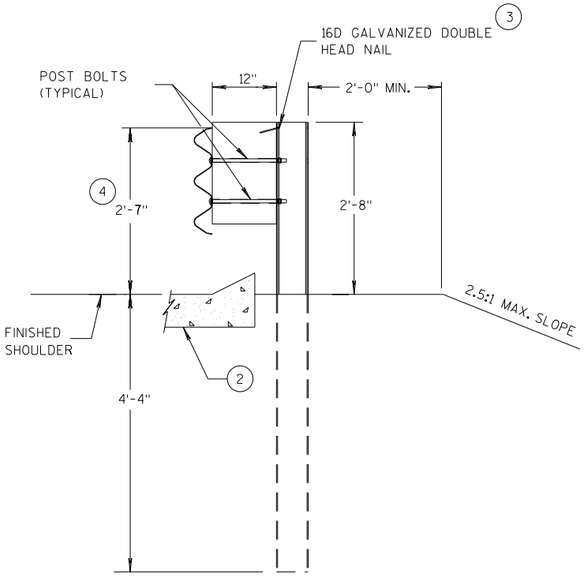


SECTION C-C

POSTS 7-11

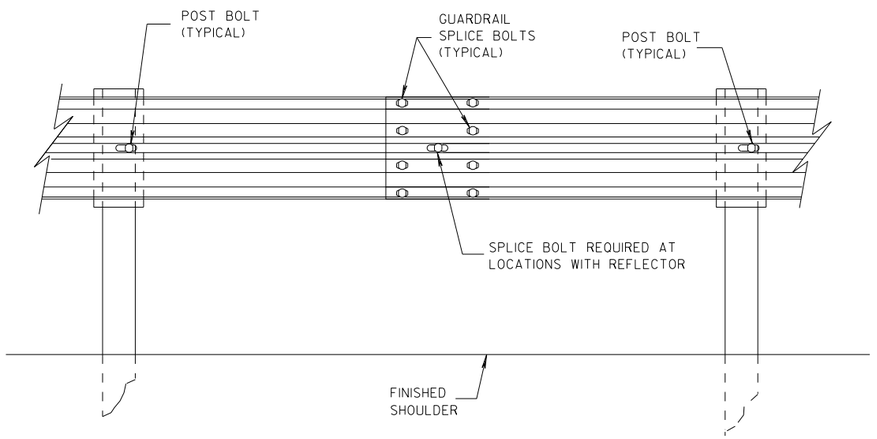


THRIE BEAM TERMINAL CONNECTOR



SECTION D-D

POSTS 12-17



SPLICE DETAIL

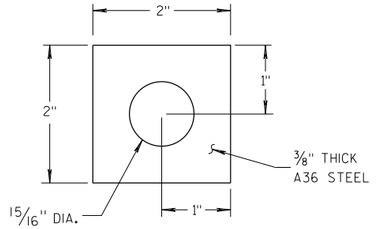
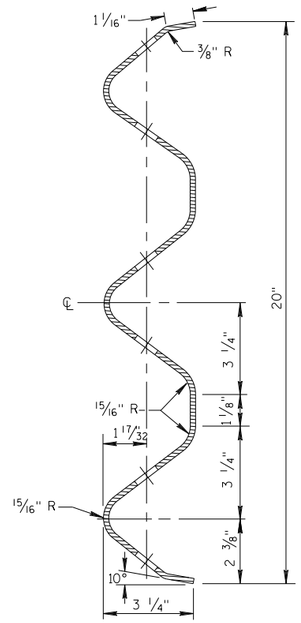


PLATE WASHER DETAIL



SECTION THRU THRIE BEAM RAIL ELEMENT

MIDWEST GUARDRAIL SYSTEM
THRIE BEAM TRANSITION (MGS)

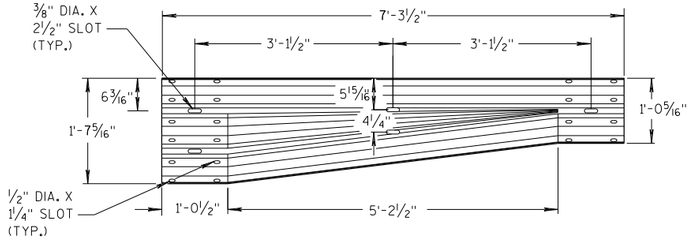
STATE OF WISCONSIN
DEPARTMENT OF TRANSPOR 746

6

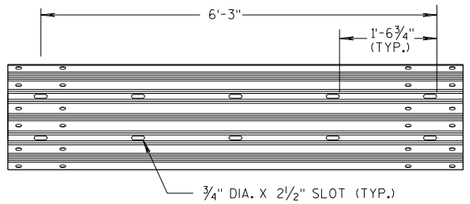
S.D.D. 14 B 45-5b

6

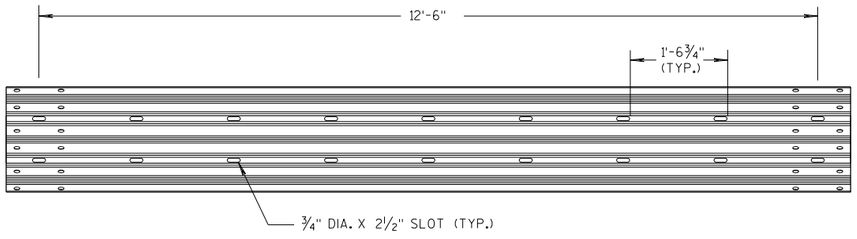
S.D.D. 14 B 45-5b



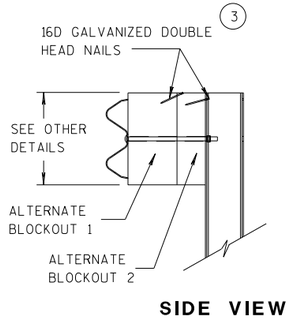
W-BEAM TO THRIE BEAM TRANSITION SECTION



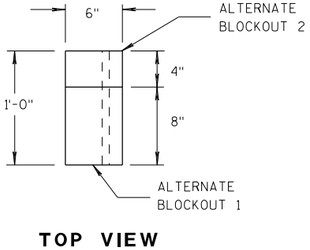
6'-3" THRIE BEAM SECTION



12'-6" THRIE BEAM SECTION

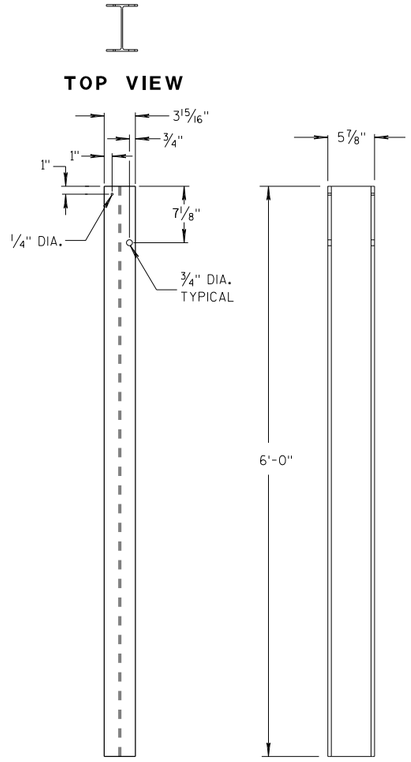


SIDE VIEW



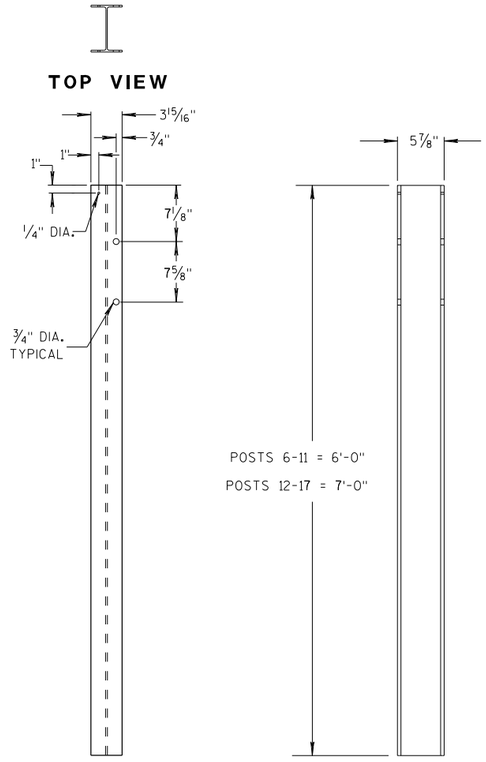
TOP VIEW

ALTERNATE WOOD BLOCKOUT DETAIL



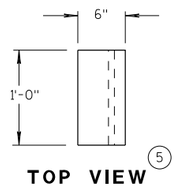
FRONT VIEW SIDE VIEW

STEEL POSTS 1-5 (13)

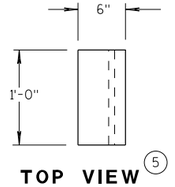


FRONT VIEW SIDE VIEW

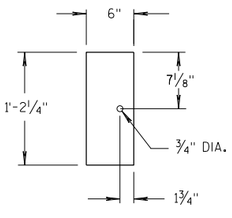
STEEL POSTS 6-17



TOP VIEW (5)

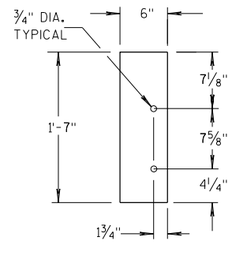


TOP VIEW (5)



FRONT VIEW

BLOCKOUT POSTS 1-5



FRONT VIEW

BLOCKOUT POSTS 6-17

GENERAL NOTES

STEEL POSTS ARE W6X9 OR W6X8.5.

BOLT HOLES FOR POST ARE ON FRONT AND OF SIDE OF POST.

(3) WHEN USING STEEL POSTS AND WOOD BLOCKOUTS INSTALL FOUR 16D GALVANIZED NAILS. INSTALL NAILS AT THE BACK CORNERS OF THE BLOCK AND BEND THE NAILS OVER THE FLANGE OF THE STEEL POST.

(5) WOOD BLOCKS MAY BE CONSTRUCTED OUT OF 2 WOOD BLOCKS. SEE ALTERNATE WOOD BLOCK DETAIL.

(13) STEEL OR WOOD POST IS ACCEPTABLE AT POST 1. SEE SDD 14B42.

MIDWEST GUARDRAIL SYSTEM
THRIE BEAM TRANSITION (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPOF 747

6

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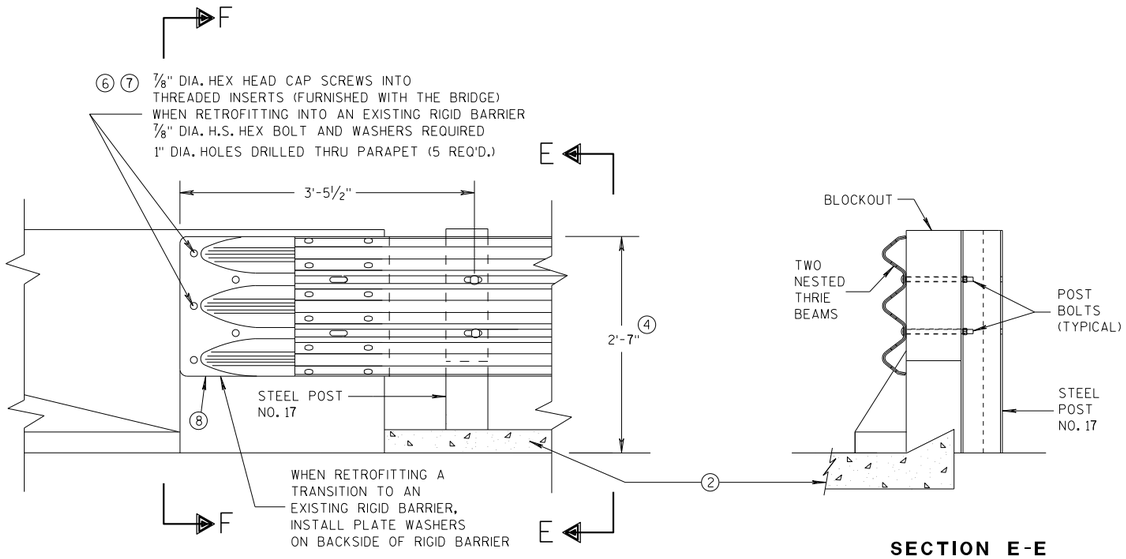
S.D.D. 14 B 45-5c



FRONT VIEW

SECTION E-E

THRIE BEAM CONNECTION TO BRIDGE PARAPET WITH SQUARE ENDS

GENERAL NOTES

THESE ARE TYPICAL CONNECTION DETAILS. ADJUST THE POSTION OF CONNECTIONS TO EXISTING BRIDGES TO FIT THE ACTUAL BRIDGE AND SITE DIMENSIONS.

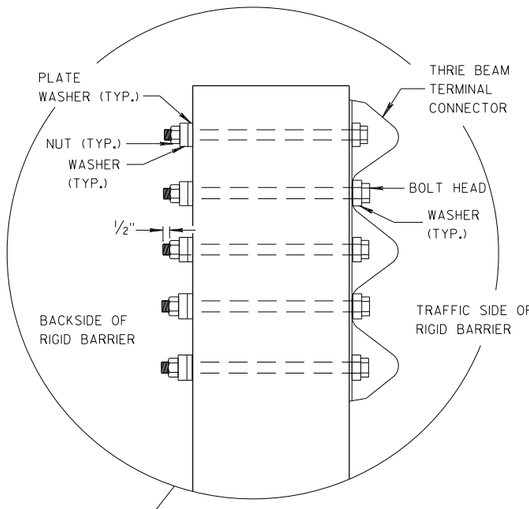
② OPTIONAL CURB AND GUTTER OR DRAINAGE FEATURE SEE PLAN FOR INFORMATION.

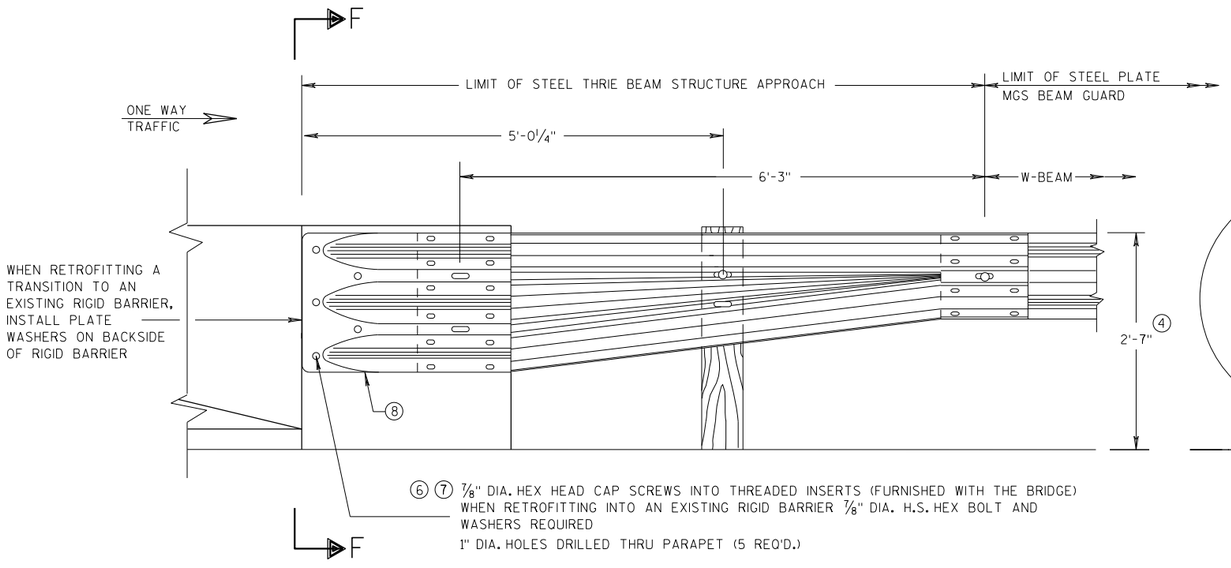
④ TOLERANCE FOR TOP OF BEAM IS ± 1".

⑥ DRILLING BOLT HOLES THROUGH THE PARAPET, BOLTS, NUTS, WASHERS AND REPAIRING DAMAGED CONCRETE ARE INCIDENTAL TO THE CONTRACT.

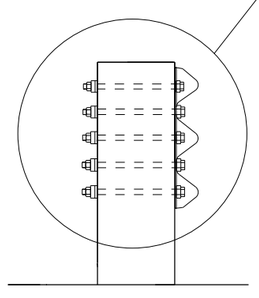
⑦ BOLTS MAY BE A325 BOLTS OR A449 BOLTS. BOLT LENGTH AND THREADING LENGTH ARE TO ALLOW FOR A TIGHT CONNECTION BETWEEN RIGID BARRIER AND THRIE BEAM CONNECTION PLATE. CONTRACTOR IS TO FIELD VERIFY BOLT LENGTH AND THREAD LENGTH. ONE ROUND WASHER REQUIRED BETWEEN BOLT HEAD AND THRIE BEAM CONNECTOR PLATE. BOLTS THAT EXTEND THROUGH THE PARAPET AND OUT THE BACK FACE REQUIRE A HARDENED ROUND STEEL WASHER THAT IS 2" O.D. X 5/32" THICK AND ONE PLATE WASHER. REPAIR ANY DAMAGED CONCRETE FROM BOLT INSTALLATION.

⑧ THE RECESS FOR A W-BEAM CONNECTION, WHICH EXISTS ON SOME PARAPETS OF THIS TYPE, SHALL BE FILLED WITH A TREATED TIMBER BLOCKOUT. BLOCKOUT SIZE IS 1'-6" X 2'-0" X 3 1/2".

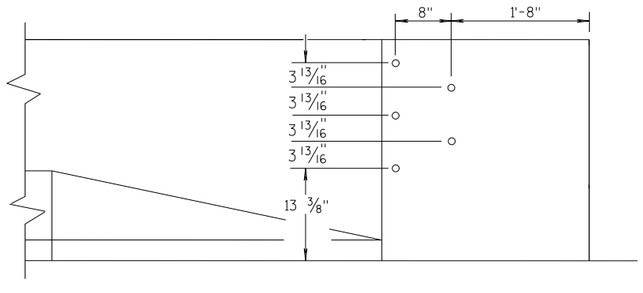




FRONT VIEW



SECTION F-F



DRILL HOLE LOCATION

W BEAM TRANSITION AND CONNECTION TO BRIDGE PARAPETS WITH SQUARE ENDS

(USE ONLY ON THE TRAFFIC EXIT END OF ONE WAY BRIDGES)

MIDWEST GUARDRAIL SYSTEM
THRIE BEAM TRANSITION (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
07/2018 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS D[illegible] UNIT SUPERVIS[illegible]
FHWA

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S.D.D. 14 B 45-5d

GENERAL NOTES

THESE ARE TYPICAL CONNECTION DETAILS. ADJUST THE POSTION OF CONNECTIONS TO EXISTING BRIDGES TO FIT THE ACTUAL BRIDGE AND SITE DIMENSIONS.

(2) OPTIONAL CURB AND GUTTER OR DRAINAGE FEATURE SEE PLAN FOR INFORMATION.

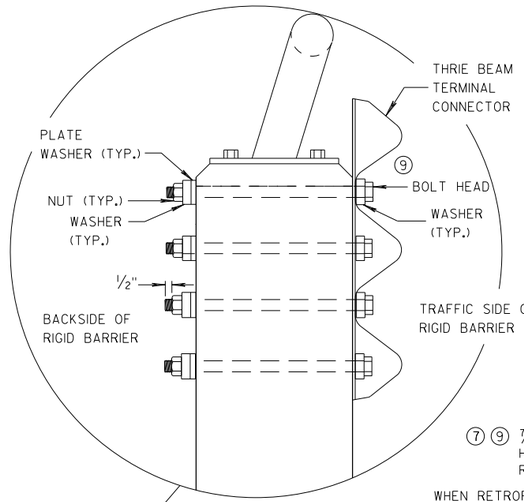
(4) TOLERANCE FOR TOP OF BEAM IS ± 1".

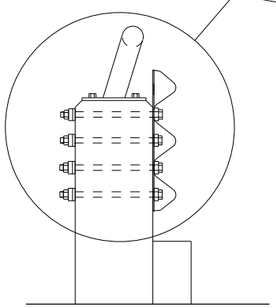
(6) DRILLING BOLT HOLES THROUGH THE PARAPET, BOLTS, NUTS, WASHERS AND REPAIRING DAMAGED CONCRETE ARE INCIDENTAL TO THE CONTRACT.

(7) BOLTS MAY BE A325 BOLTS OR A449 BOLTS. BOLT LENGTH AND THREADING LENGTH ARE TO ALLOW FOR A TIGHT CONNECTION BETWEEN RIGID BARRIER AND THRIE BEAM CONNECTION PLATE. CONTRACTOR IS TO FIELD VERIFY BOLT LENGTH AND THREAD LENGTH. ONE ROUND WASHER REQUIRED BETWEEN BOLT HEAD AND THRIE BEAM CONNECTOR PLATE. BOLTS THAT EXTEND THROUGH THE PARAPET AND OUT THE BACK FACE REQUIRE A HARDENED ROUND STEEL WASHER THAT IS 2" O.D. X 5/32" THICK AND ONE PLATE WASHER. REPAIR ANY DAMAGED CONCRETE FROM BOLT INSTALLATION.

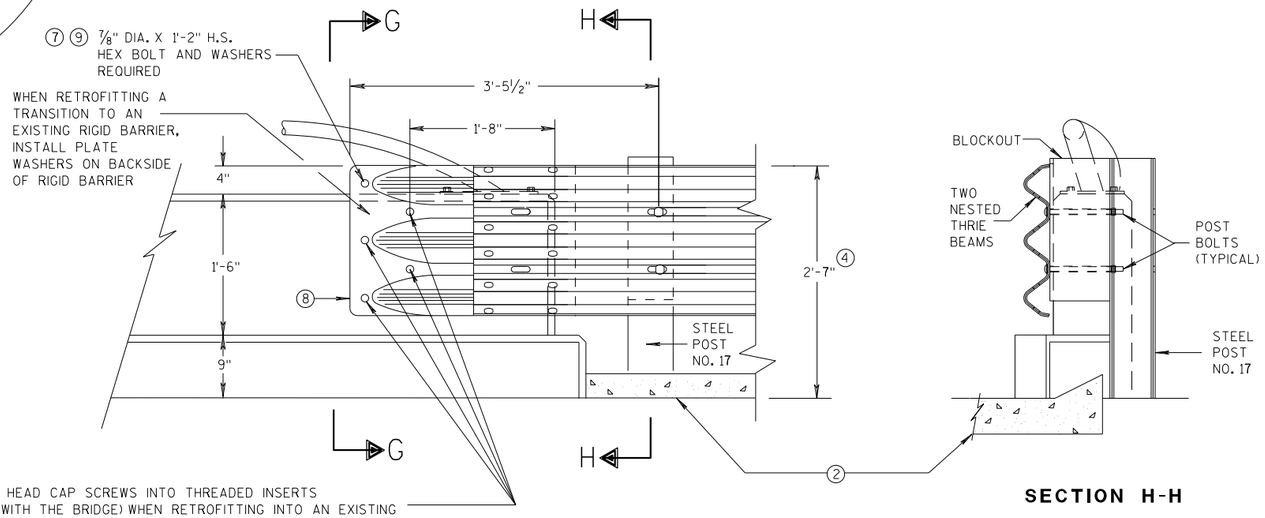
(8) THE RECESS FOR A W-BEAM CONNECTION, WHICH EXISTS ON SOME PARAPETS OF THIS TYPE, SHALL BE FILLED WITH A TREATED TIMBER BLOCKOUT. BLOCKOUT SIZE IS 1'-6" X 2'-0" X 3 ½".

(9) BOLT, NUT AND WASHERS NOT REQUIRED FOR THIS LOCATION WHEN RETROFITTING AN EXISTING PAPAPET AND THE HOLE IS EITHER ABOVE PARAPET OR WITHIN 4 INCHES OF THE EDGE OF PARAPET.





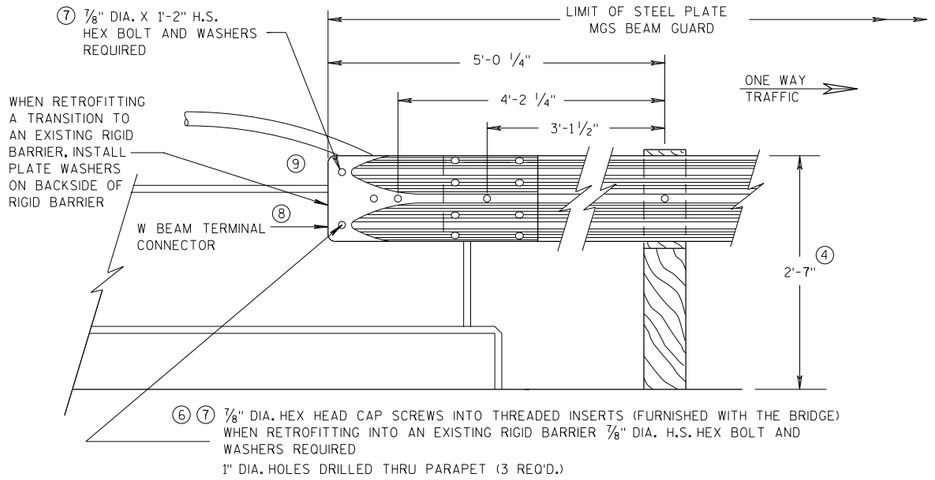
SECTION G-G



FRONT VIEW

SECTION H-H

THRIE BEAM CONNECTION TO VERTICAL FACED PARAPETS



FRONT VIEW

W BEAM CONNECTION TO VERTICAL FACE PARAPET

(USE ONLY ON THE TRAFFIC EXIT END OF ONE WAY BRIDGES)

MIDWEST GUARDRAIL SYSTEM
THRIE BEAM TRANSITION (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
07/2018 — DATE
FHWA

/S/ Rodney Taylor
ROADWAY STANDARDS D UNIT SUPERVI

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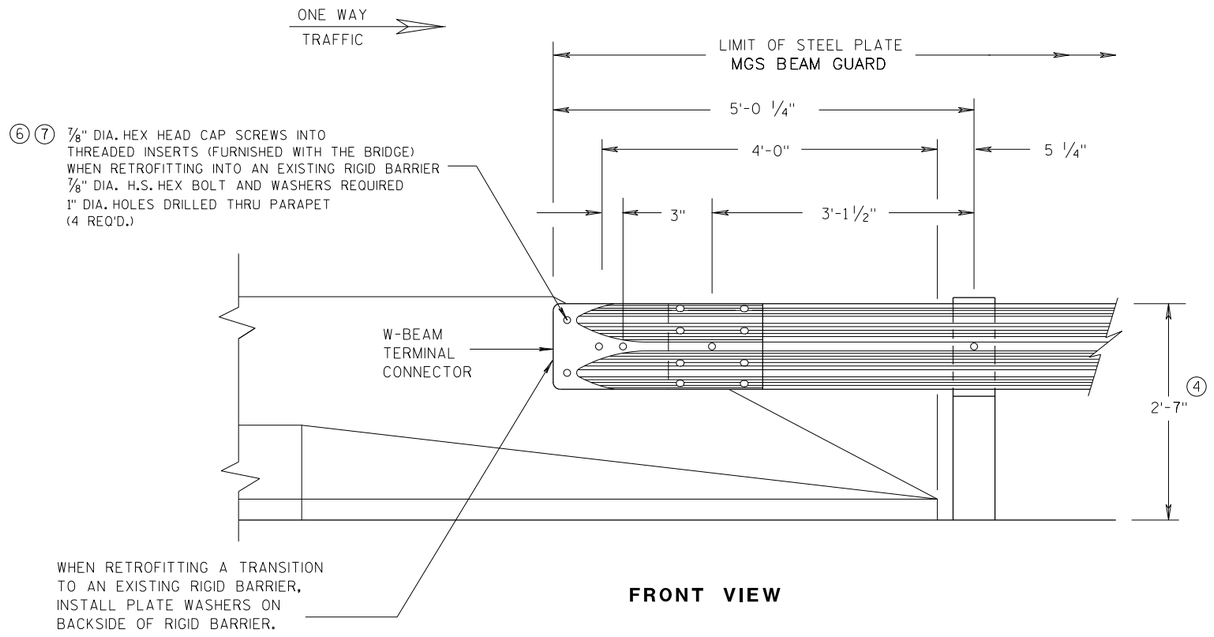


FRONT VIEW

W BEAM CONNECTION TO PARAPETS WITH SLOPED ENDS

(USE ONLY AT TRAFFIC EXIT END OF ONE WAY BRIDGE)

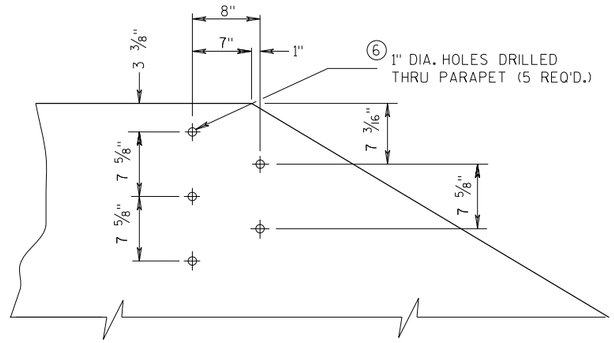
GENERAL NOTES

② OPTIONAL CURB AND GUTTER OR DRAINAGE FEATURE SEE PLAN FOR INFORMATION.

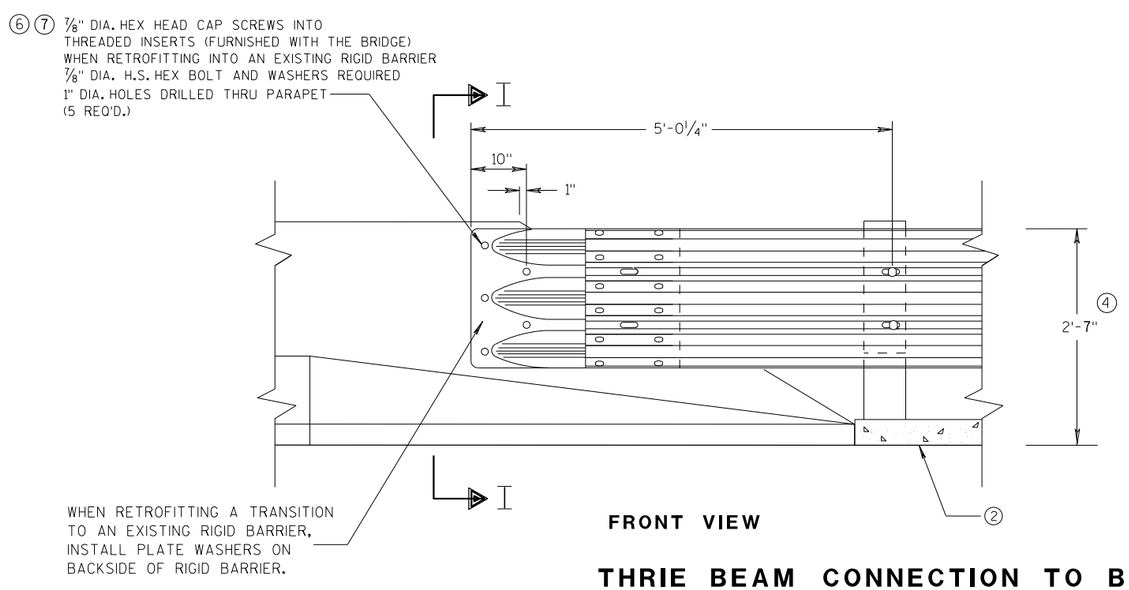
④ TOLERANCE FOR TOP OF BEAM IS ± 1".

⑥ DRILLING BOLT HOLES THROUGH THE PARAPET, BOLTS, NUTS, WASHERS AND REPAIRING DAMAGED CONCRETE ARE INCIDENTAL TO THE CONTRACT.

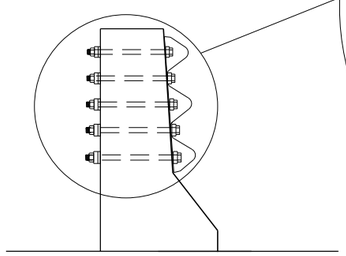
⑦ BOLTS MAY BE A325 BOLTS OR A449 BOLTS. BOLT LENGTH AND THREADING LENGTH ARE TO ALLOW FOR A TIGHT CONNECTION BETWEEN RIGID BARRIER AND THRIE BEAM CONNECTION PLATE. CONTRACTOR IS TO FIELD VERIFY BOLT LENGTH AND THREAD LENGTH. ONE ROUND WASHER REQUIRED BETWEEN BOLT HEAD AND THRIE BEAM CONNECTOR PLATE. BOLTS THAT EXTEND THROUGH THE PARAPET AND OUT THE BACK FACE REQUIRE A HARDENED ROUND STEEL WASHER THAT IS 2" O.D. X 5/32" THICK AND ONE PLATE WASHER. REPAIR ANY DAMAGED CONCRETE FROM BOLT INSTALLATION.



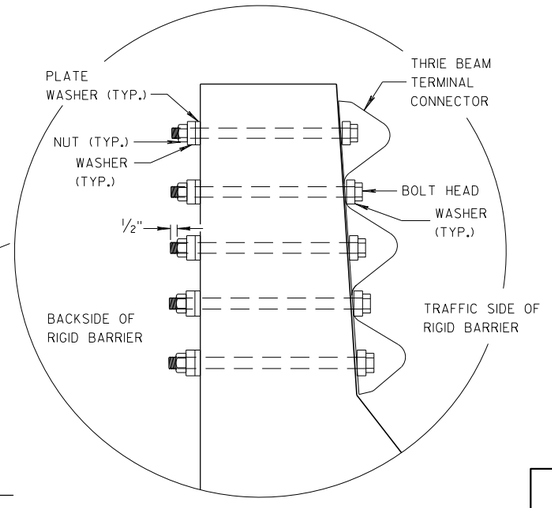
DRILL HOLE LOCATION AND PATTERN FOR THRIE BEAM CONNECTION



FRONT VIEW



SECTION I-I



THRIE BEAM CONNECTION TO BRIDGE PARAPETS WITH SLOPED ENDS

MIDWEST GUARDRAIL SYSTEM
THRIE BEAM TRANSITION (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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07/2018 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS DEVELOPMENT UNIT SUPERVISOR
FHWA

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S.D.D. 14 B 45-5f

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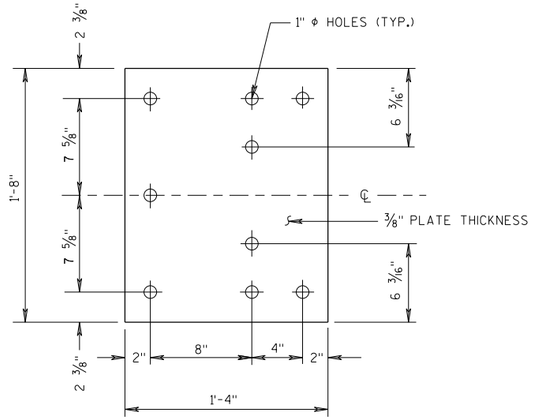
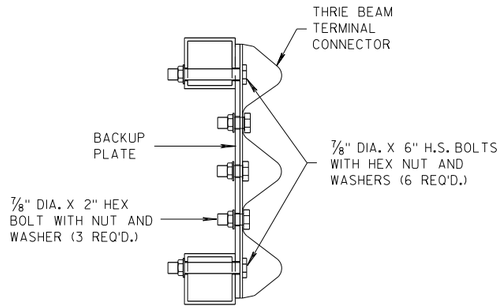


BACK-UP PLATE DETAIL

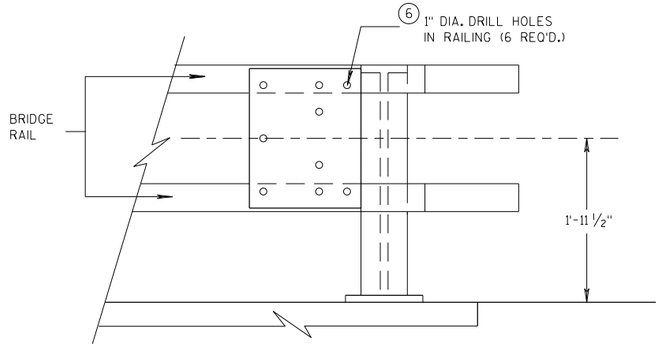


SECTION J-J

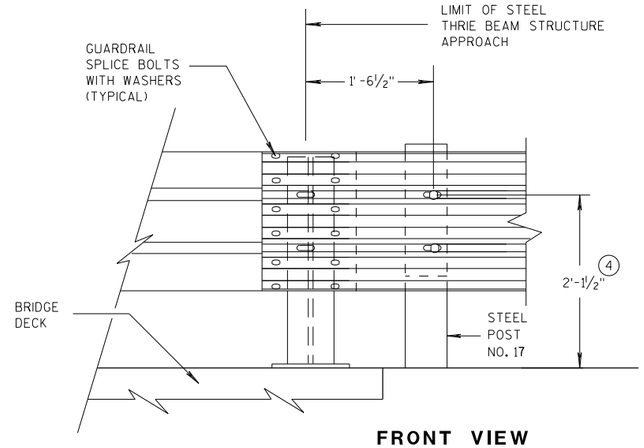
GENERAL NOTES

(4) TOLERANCE FOR TOP OF BEAM IS ± 1".

(6) DRILLING HOLES THROUGH THE PAPRPET, BOLTS, NUTS, WASHERS AND REPAIRING DAMAGED CONCRETE ARE INCIDENTAL TO THE CONTRACT.

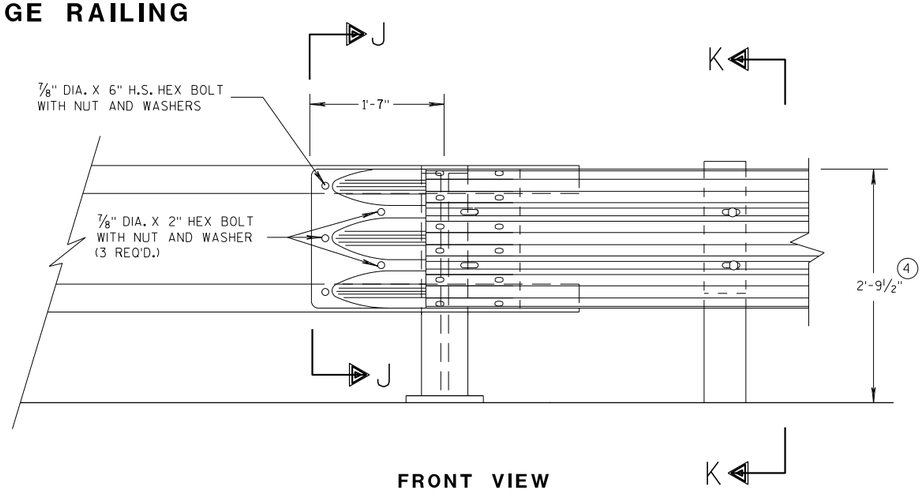


BACK-UP PLATE MOUNTING ONTO BRIDGE RAILING

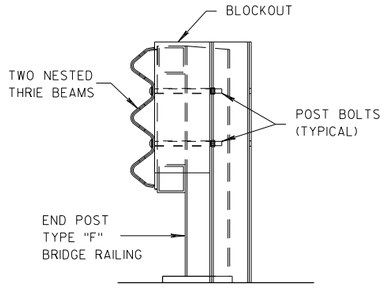


FRONT VIEW

THRIE BEAM CONNECTION TO STEEL RAILING TYPE "W"



FRONT VIEW



SECTION K-K

THRIE BEAM CONNECTION TO TUBULAR RAILING TYPE "F"

MIDWEST GUARDRAIL SYSTEM
THRIE BEAM TRANSITION (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED 07/2018 — DATE
FHWA

/S/ Rodney Taylor 751
ROADWAY STANDARDS DEVELOPMENT UNIT SUPERVISOR

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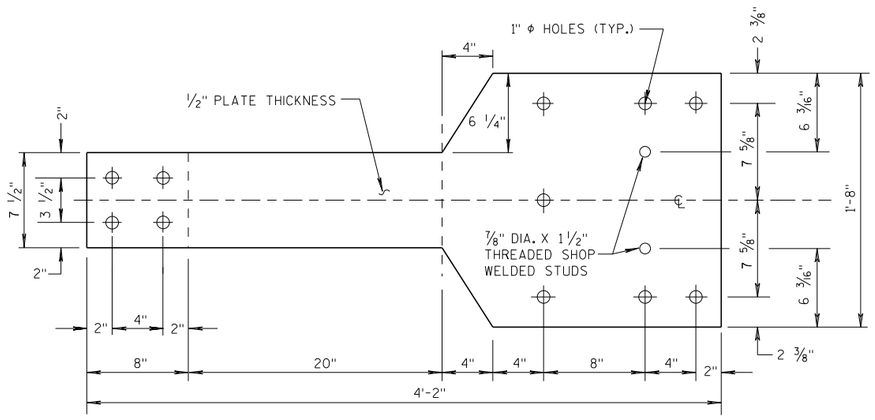
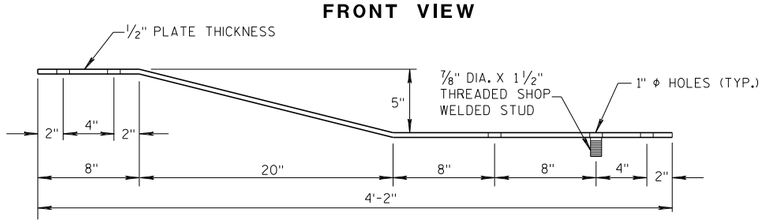
S.D.D. 14 B 45-5g

GENERAL NOTES

(4) TOLERANCE FOR TOP OF W-BEAM RAIL IS ± 1".

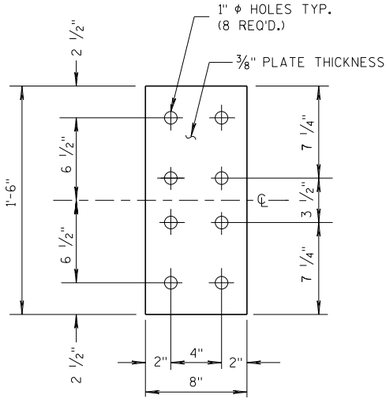


FRONT VIEW



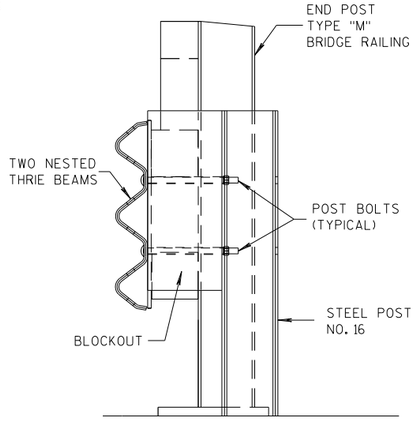
PLAN VIEW

BACK-UP PLATE DETAIL, TYPE "M"

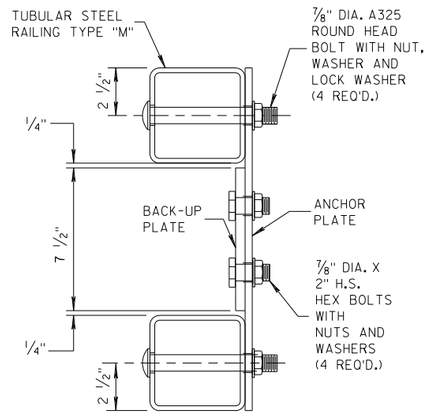


FRONT VIEW

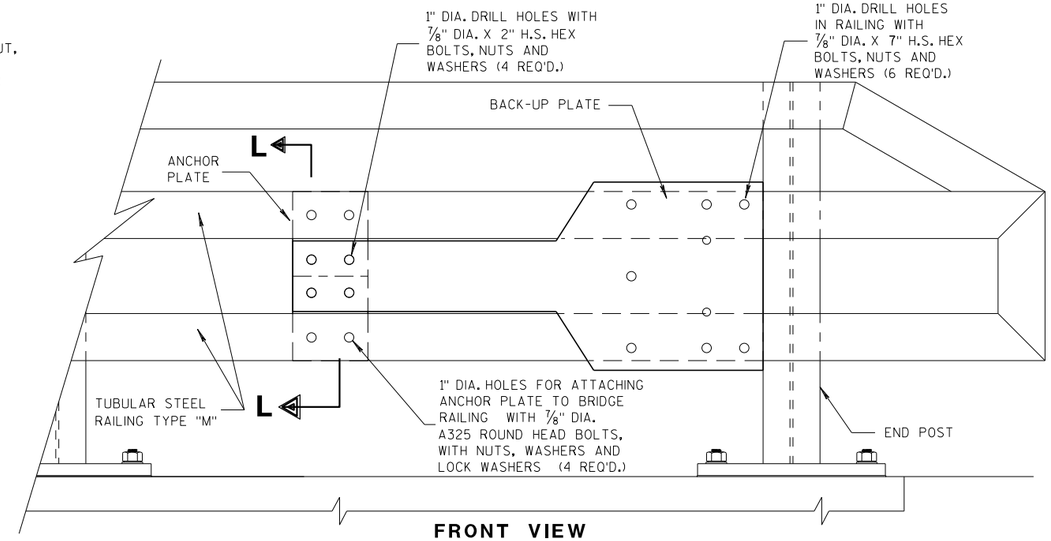
ANCHOR PLATE DETAIL, TYPE "M"



SECTION M-M

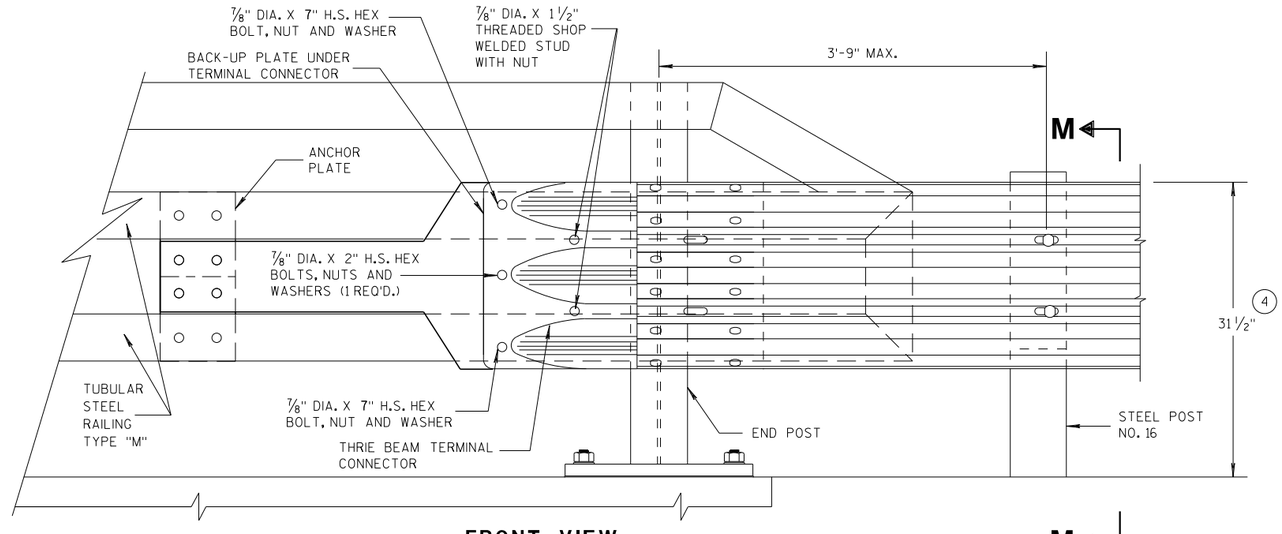


SECTION L-L

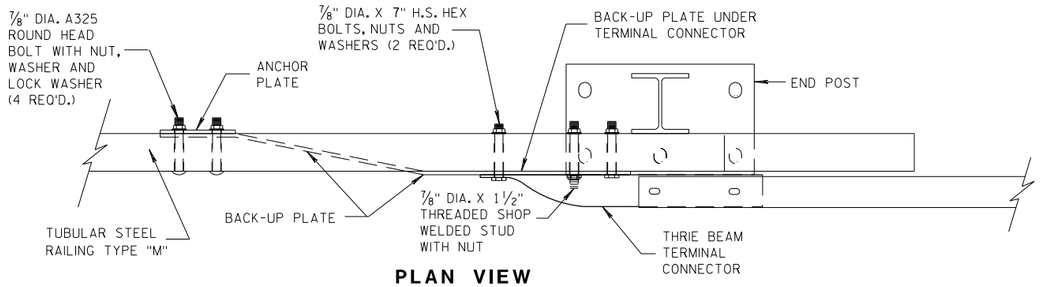


FRONT VIEW

ANCHOR AND BACK-UP PLATE MOUNTING TO BRIDGE RAILING, TYPE "M"



FRONT VIEW



PLAN VIEW

THRIE BEAM CONNECTION TO TUBULAR RAILING, TYPE "M"

MIDWEST GUARDRAIL SYSTEM
THRIE BEAM TRANSITION (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
07/2018 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS UNIT SUPERVISOR
FHWA

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S.D.D. 14 B 45-5h

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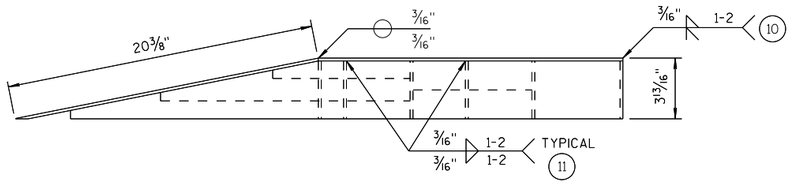

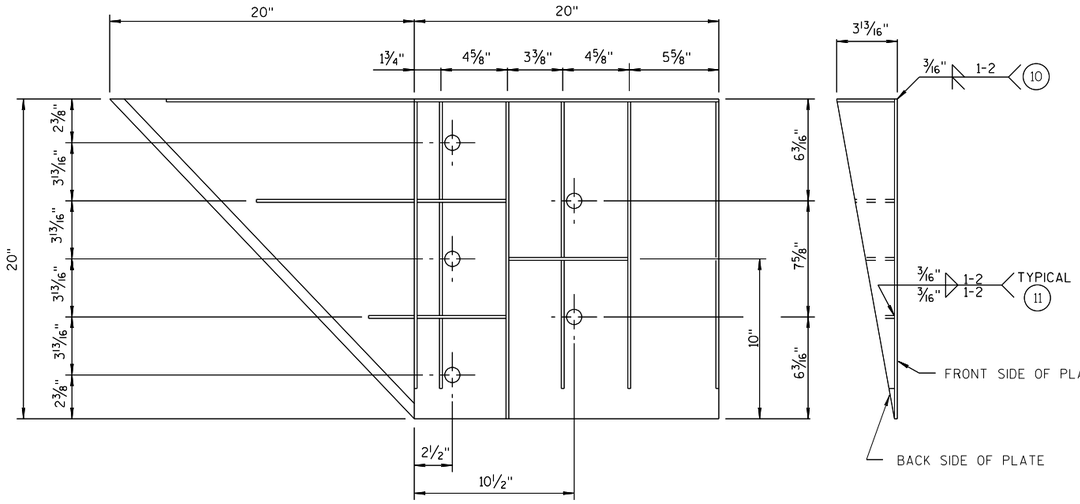

WELDING INSTRUCTION

(VIEWED FROM BACK SIDE OF PLATE)

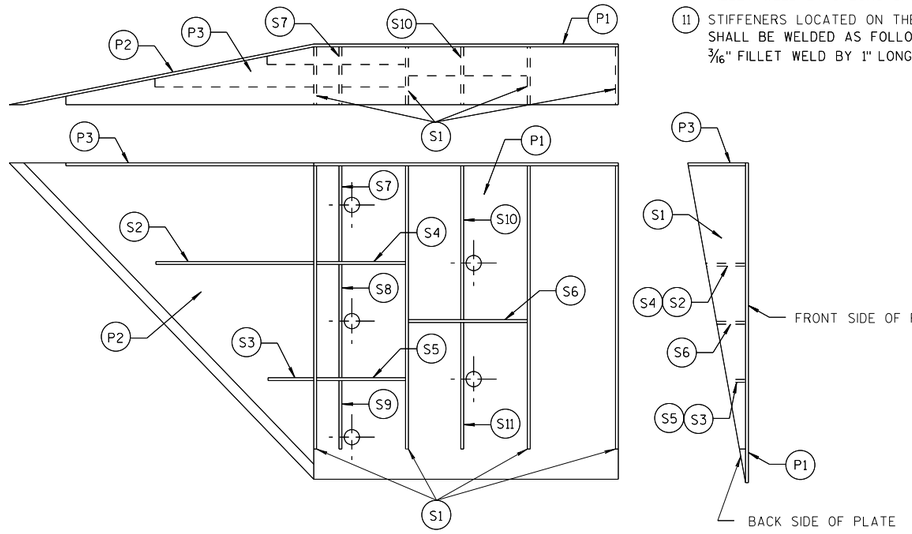

PLATE AND STIFFENER IDENTIFICATION

(VIEWED FROM BACK SIDE OF PLATE)

GENERAL NOTES

COVER PLATE PANELS ARE 3/16" THICK.

ALL STIFFENERS ARE 1/4" THICK.

CONNECTOR PLATE SHALL BE FABRICATED FROM ASTM GRADE A36 STEEL AND GALVANIZED.

FOR GALVANIZED REQUIREMENTS, SEE SECTION 614 OF THE STANDARD SPECIFICATIONS.

ALL HOLE DIAMETERS SHALL BE 1".

FOR OPPOSITE SIDE INSTALLATION MIRROR DRAWINGS.

(10) STIFFENERS LOCATED AT THE OUTSIDE EDGES OF THE COVER PLATES SHALL BE WELDED AS FOLLOWS:
SINGLE BEVEL GROOVE WELD ON EXTERNAL SIDES AND 3/16" FILLET WELD BY 1" LONG SPACED AT 2" ON INTERNAL SIDES.

(11) STIFFENERS LOCATED ON THE INSIDE OF THE COVER PLATE SHALL BE WELDED AS FOLLOWS:
3/16" FILLET WELD BY 1" LONG SPACED AT 2".

CONNECTOR PLATE DIMENSION (PER ASSEMBLY)

PLATE	QUANTITY	SHAPE	SIZE (A x B x C x D)	THICKNESS
P1	1		20" x 20"	3/16"
P2	1		20" x 20" x 28 9/16"	3/16"
P3	1		39" x 3 5/8" x 20" x 19 5/16"	3/16"
S1	4		18 7/16" x 3 5/8" x 18 3/4"	1/4"
S2	1		10 1/4" x 2 7/16" x 10 3/8" x 1/2"	1/4"
S3	1		3" x 1 1/16" x 3 1/8" x 1/2"	1/4"
S4	1		6 1/8" x 2 7/16"	1/4"
S5	1		6 1/8" x 1 1/16"	1/4"
S6	1		7 3/4" x 1 3/4"	1/4"
S7	1		2 9/16" x 6" x 3 5/8" x 5 7/8"	1/4"
S8	1		1 5/32" x 7 1/2" x 2 1/2" x 7 3/8"	1/4"
S9	1		6 1/16" x 6 3/16" x 1 3/32"	1/4"
S10	1		1 7/8" x 9 7/8" x 3 5/8" x 9 11/16"	1/4"
S11	1		8 1/2" x 8 3/4" x 1 13/16"	1/4"

SINGLE SLOPE CONNECTION PLATE

MIDWEST GUARDRAIL SYSTEM
THRIE BEAM TRANSITION (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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7/2018
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FHWA

/S/ Rodney Taylor
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S.D.D. 14 B 45-5i

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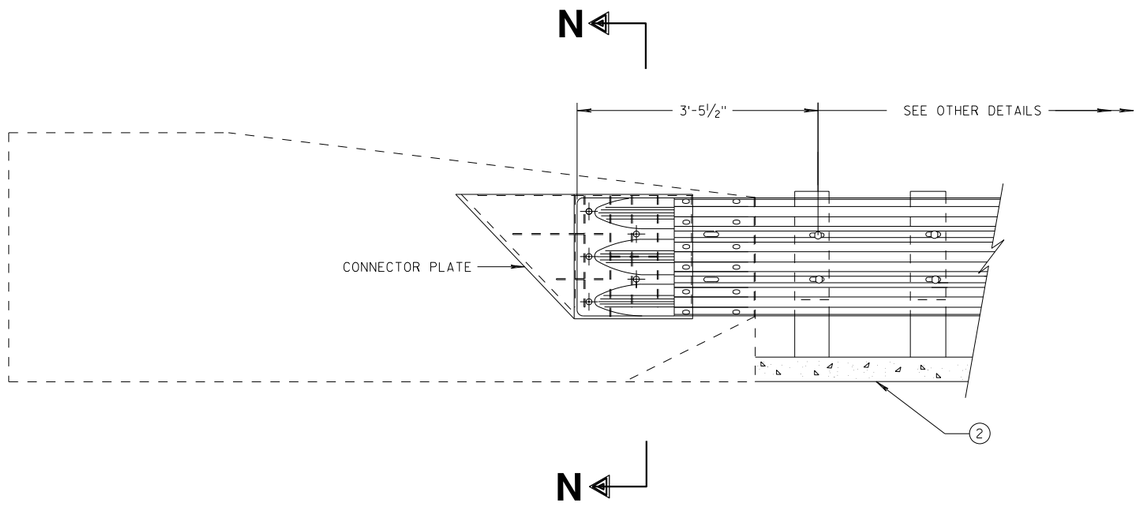
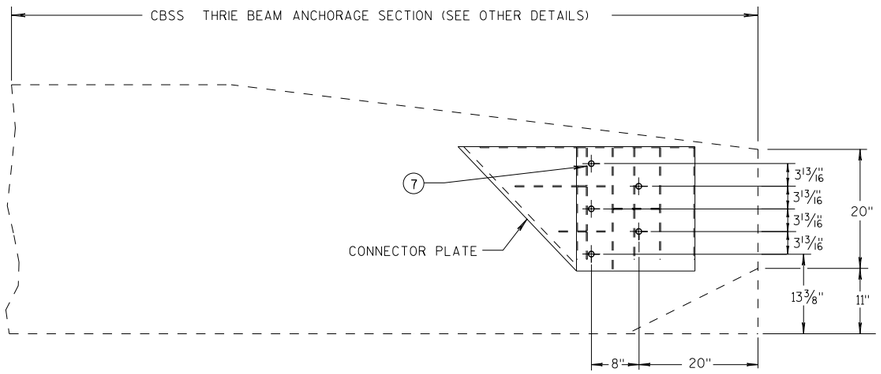
S.D.D. 14 B 45-5i



THRIE BEAM CONNECTION TO SINGLE SLOPE BARRIER



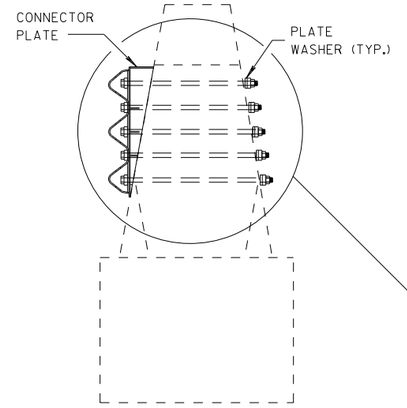
SINGLE SLOPE CONNECTION PLATE PLACEMENT

GENERAL NOTES

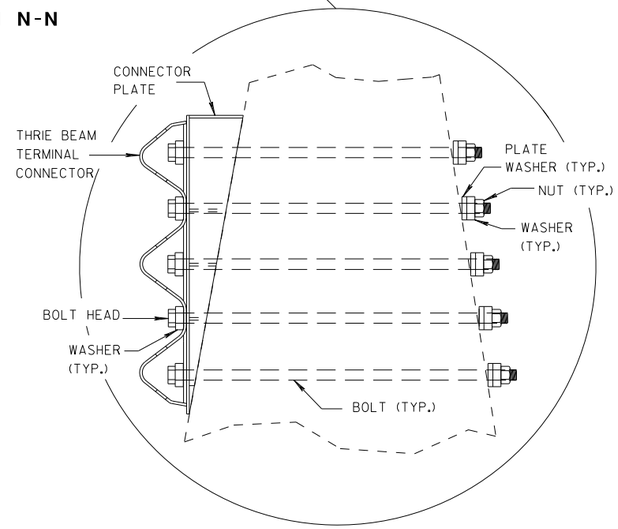
CONNECTOR PLATE, DRILLING BOLT HOLES THROUGH THE PARAPET, BOLTS, NUTS, WASHERS AND REPAIRING DAMAGED CONCRETE ARE INCIDENTAL TO THE CONTRACT.

(2) OPTIONAL CURB AND GUTTER OR DRAINAGE FEATURE SEE PLAN FOR INFORMATION.

(7) BOLTS MAY BE A325 BOLTS OR A449 BOLTS. BOLT LENGTH AND THREADING LENGTH ARE TO ALLOW FOR A TIGHT CONNECTION BETWEEN RIGID BARRIER AND THRIE BEAM CONNECTION PLATE. CONTRACTOR IS TO FIELD VERIFY BOLT LENGTH AND THREAD LENGTH. ONE ROUND WASHER REQUIRED BETWEEN BOLT HEAD AND THRIE BEAM CONNECTOR PLATE. BOLTS THAT EXTEND THROUGH THE PARAPET AND OUT THE BACK FACE REQUIRE A HARDENED ROUND STEEL WASHER THAT IS 2" O.D. X 5/32" THICK AND ONE PLATE WASHER. REPAIR ANY DAMAGED CONCRETE FROM BOLT INSTALLATION.



SECTION N-N



MIDWEST GUARDRAIL SYSTEM
THRIE BEAM TRANSITION (MGS)

STATE OF WISCONSIN
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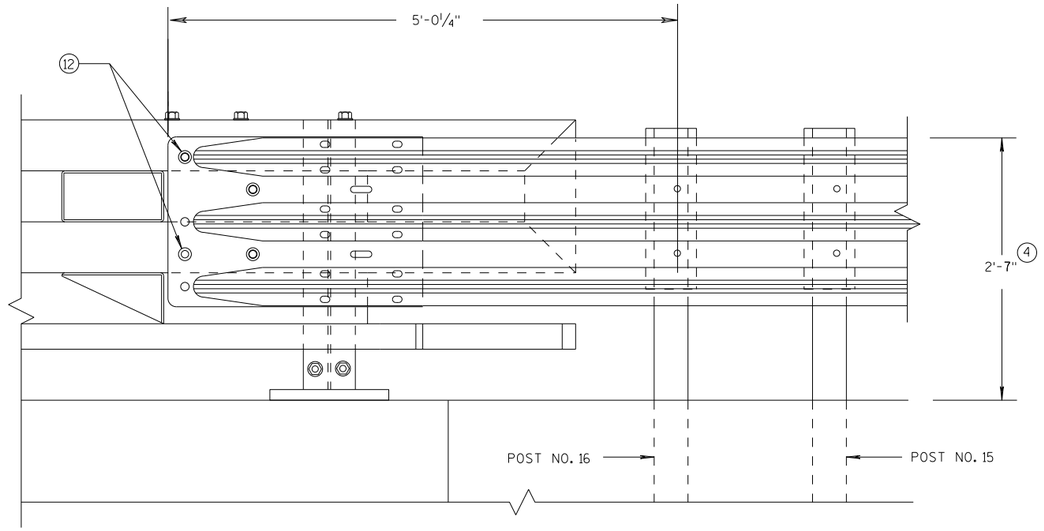
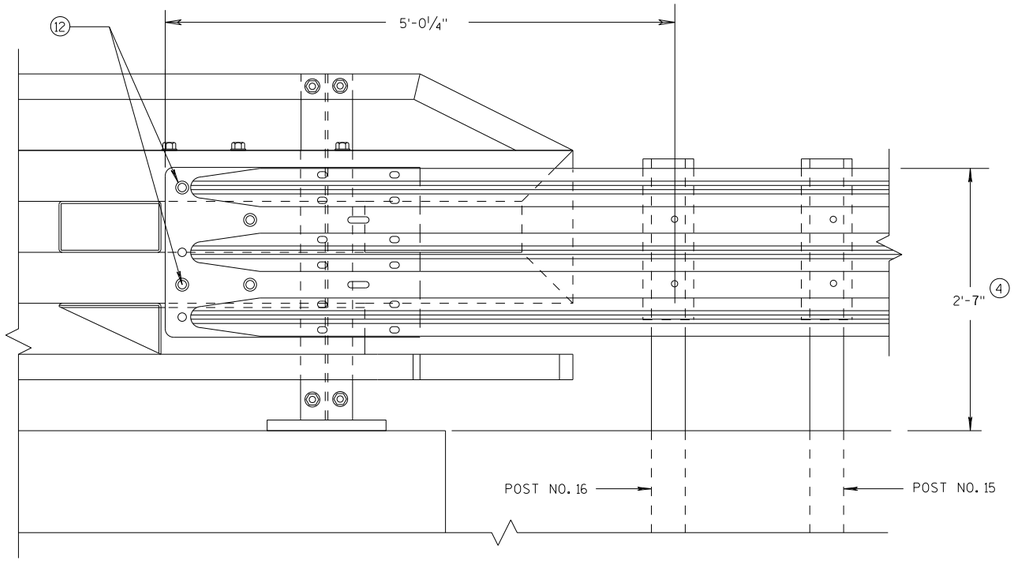


ELEVATION OF DETAIL AT NY3 END POST

THRIE BEAM RAIL ATTACHMENT



ELEVATION OF DETAIL AT NY4 END POST

THRIE BEAM RAIL ATTACHMENT

GENERAL NOTES

(4) TOLERANCE FOR TOP OF BEAM IS ± 1".

(12) BOLTS MAY BE A325 BOLTS OR A449 BOLTS. BOLT LENGTH AND THREADING LENGTH ARE TO ALLOW FOR A TIGHT CONNECTION BETWEEN RIGID BARRIER AND THRIE BEAM CONNECTION PLATE. CONTRACTOR IS TO FIELD VERIFY BOLT LENGTH AND THREAD LENGTH. ONE ROUND WASHER REQUIRED BETWEEN BOLT HEAD AND THRIE BEAM CONNECTOR PLATE. ON BACKSIDE OF PARAPET ONE ROUND WASHER, AND NUT REQUIRED. BOLT THREAD IS TO EXTEND 1/2-INCH BEYOND NUT.

MIDWEST GUARDRAIL SYSTEM
THRIE BEAM TRANSITION (MGS)

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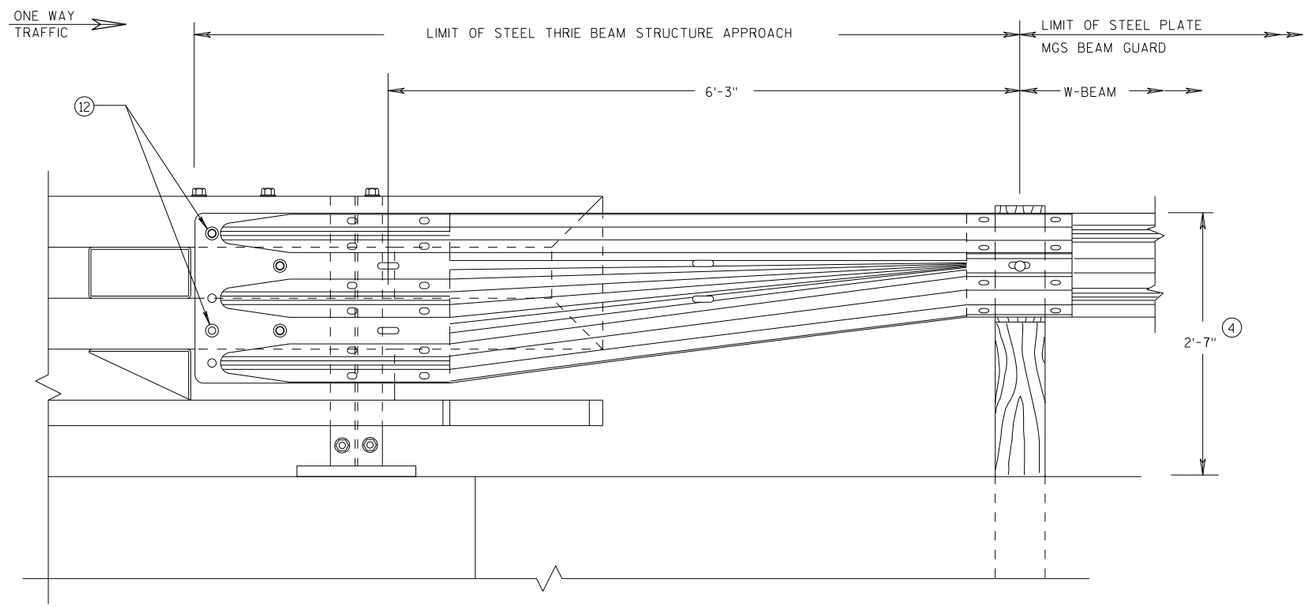


FRONT VIEW

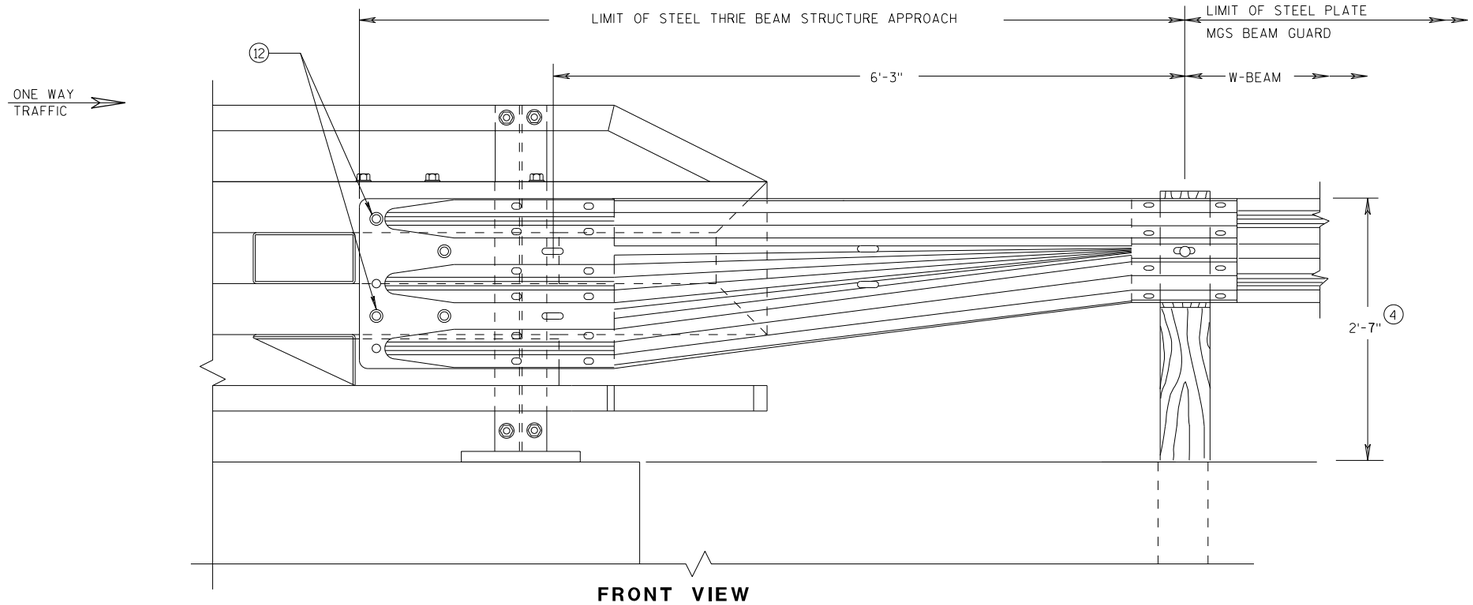
W BEAM TRANSITION AND CONNECTION TO BRIDGE RAILING TYPE "NY3"

(USE ONLY ON THE TRAFFIC EXIT END OF ONE WAY BRIDGES)

GENERAL NOTES

(4) TOLERANCE FOR TOP OF BEAM IS ± 1".

(12) BOLTS MAY BE A325 BOLTS OR A449 BOLTS. BOLT LENGTH AND THREADING LENGTH ARE TO ALLOW FOR A TIGHT CONNECTION BETWEEN RIGID BARRIER AND THRIE BEAM CONNECTION PLATE. CONTRACTOR IS TO FIELD VERIFY BOLT LENGTH AND THREAD LENGTH. ONE ROUND WASHER REQUIRED BETWEEN BOLT HEAD AND THRIE BEAM CONNECTOR PLATE. ON BACKSIDE OF PARAPET ONE ROUND WASHER, AND NUT REQUIRED. BOLT THREAD IS TO EXTEND 1/2-INCH BEYOND NUT.



FRONT VIEW

W BEAM TRANSITION AND CONNECTION TO BRIDGE RAILING TYPE "NY4"

(USE ONLY ON THE TRAFFIC EXIT END OF ONE WAY BRIDGES)

MIDWEST GUARDRAIL SYSTEM
THRIE BEAM TRANSITION (MGS)

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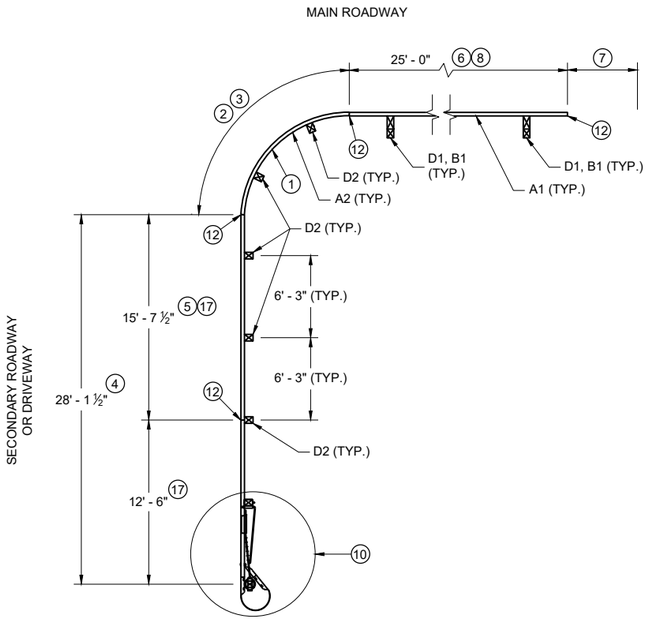
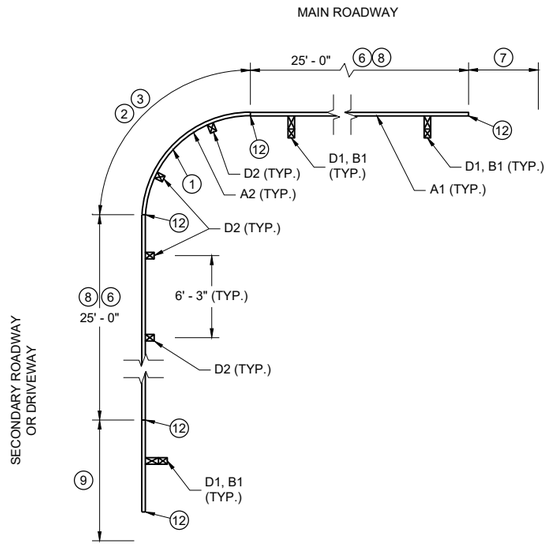


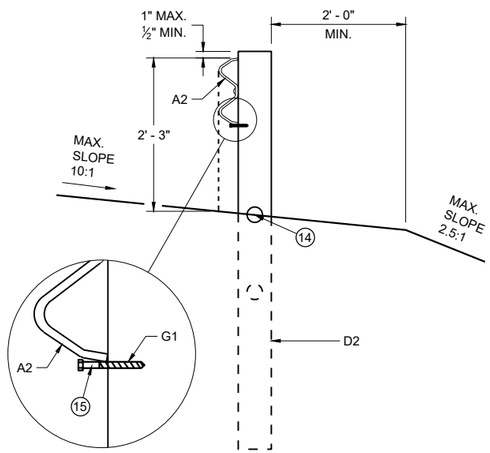
PLAN VIEW

SHORT RADIUS BEAM GUARD WITH SHORT RADIUS TERMINAL ON SECONDARY ROAD OR DRIVEWAY

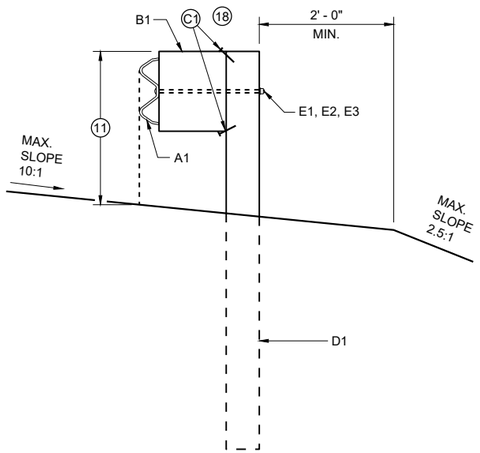


PLAN VIEW

SHORT RADIUS BEAM GUARD WITH EAT, ADDITIONAL BEAM GUARD OR TRANSITION TO RIGID BARRIER ON SECONDARY ROAD OR DRIVEWAY



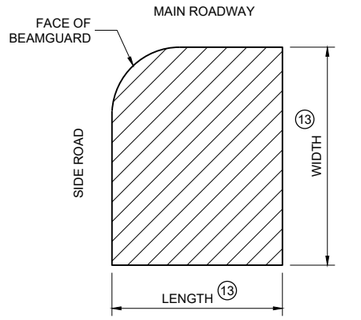
CONTROLLED RELEASE TERMINAL POST (CRT) IN RADIUS



BEAM GUARD POSTS IN HEIGHT TRANSITION

TABLE FOR RADIUS OF 32' AND LESS

RADIUS (FT)	LENGTH (FT)	WIDTH (FT)
8	25	15
16	30	15
24	40	20
32	50	30



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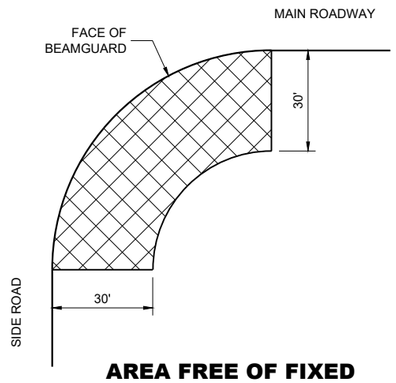
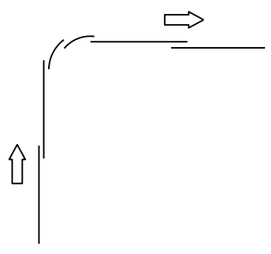
AREA FREE OF FIXED OBJECTS FOR RADIUS 32' AND LESS



AREA FREE OF FIXED OBJECTS FOR RADIUS GREATER THAN 32'



LAP SPLICE DETAIL

GENERAL NOTES

SEE PLANS FOR OTHER BARRIER SYSTEM AND LOCATION SPECIFICS.

SEE SDD 14B42 FOR MORE INFORMATION ON BEAM GUARD INSTALLATION, PARTS, MATERIALS, AND INSTALLATION INFORMATION.

GALVANIZE PARTS AFTER FABRICATION.

WELDING TO FOLLOW CURRENT REQUIREMENTS OF THE AMERICAN WELDING SOCIETY STRUCTURAL WELDING CODE ANSI / AWS D1.1.

UNLESS NOTED OTHERWISE, ALL PLATES ARE FLAT AND FREE OF WARP.

UNLESS NOTED OTHERWISE, ALL EDGES ARE SMOOTH, STRAIGHT AND VERTICAL.

ALL CUTS AND HOLES, EXCEPT IN BEAM GUARD RAIL ARE TO BE MACHINED OR MACHINE FLAME CUT.

UNLESS NOTED OTHERWISE, CUT OR PROVIDE BOLTS THAT ARE ¼" TO ½" BEYOND THE NUT.

DRAWINGS ARE NOT TO SCALE.

(1) RADIUS MEASURE FROM INSIDE OF RAIL. LENGTH OF BEAM GUARD SHORT RADIUS GUARD MEASURED ALONG TRAFFIC SIDE OF RAIL. RADIUS BETWEEN 8 FEET TO 150 FEET. SEE PLAN FOR REQUIRED RADIUS. BEAM GUARD RAIL IN RADIUS IS SHOP BENT. ODD RAIL LENGTH OR FIELD CUTS MAY BE REQUIRED.

(2) CONTROLLED RELEASE TERMINAL (CRT) POSTS ARE USED IN THE RADIUS. CONTROLLED RELEASE TERMINAL (CRT) POSTS ARE SPACED 6' - 3". SEE PLAN FOR NUMBER OF CONTROLLED RELEASE (CRT) POSTS.

(3) WITHIN RADIUS BEAM GUARD RAILS ARE NOT BOLTED TO POSTS. BEAM GUARD RAIL IS RESTED ON TOP OF LAG SCREW.

(4) MINIMUM LENGTH OF BEAM GUARD ALONG SIDE ROAD OR DRIVEWAY TO INSTALL SHORT RADIUS TERMINAL. BEAM GUARD IS PAID WITH BEAM GUARD ITEM.

(5) ODD LENGTH OF BEAM GUARD REQUIRED TO INSTALL SHORT RADIUS TERMINAL.

(6) MINIMUM AMOUNT OF BEAM GUARD TO BE INSTALLED PRIOR TO TRANSITION TO RIGID BARRIER. ADDITIONAL BEAM GUARD, OR EAT. BEAM GUARD PAID FOR WITH BEAM GUARD ITEM. SEE PLANS FOR MORE DETAIL.

(7) BEAM GUARD, EAT, OR TRANSITION TO RIGID BARRIER. SEE PLAN.

(8) TOP OF BEAM GUARD BY THE RADIUS IS 27". HEIGHT OF BEAM GUARD IS 31" BY TRANSITION TO RIGID BARRIER, ADDITIONAL BEAM GUARD OR EAT.

(9) ADDITIONAL BEAM GUARD, EAT OR TRANSITION TO RIGID BARRIER. BEAM GUARD SHOWN. SEE PLAN FOR DETAILS.

(10) SHORT RADIUS TERMINAL (SEE OTHER DETAILS).

(11) HEIGHT VARIES. SEE NOTE (8) AND (17).

(12) BEAM GUARD RAIL SPLICE LOCATION. SPLICE LOCATION REQUIRES PART F1 AND F2. SEE SDD 14B42 FOR DETAILS.

(13) SEE TABLE FOR VALUES.

(14) MAXIMUM HEIGHT FOR CENTER OF HOLE IS ¾ " ABOVE FINISHED GROUND ±1".

(15) DRILL POST $^{15}/_{64}$ " DIA. PILOT HOLE. DO NOT HAMMER LAG SCREW INTO POST.

(16) SMALL SIGNS ON BREAKAWAY HARDWARE ARE ACCEPTABLE.

(17) TOP OF RAIL HEIGHT IS 27" WHEN USING A SHORT RADIUS TERMINAL (CRT).

(18) INITIAL 1 NAIL AT EACH CORNER OF THE BLOCK TO CONNECT BLOCKS.

SHORT RADIUS BEAM GUARD (MGS) SHORT RADIUS TERMINAL (MGS)

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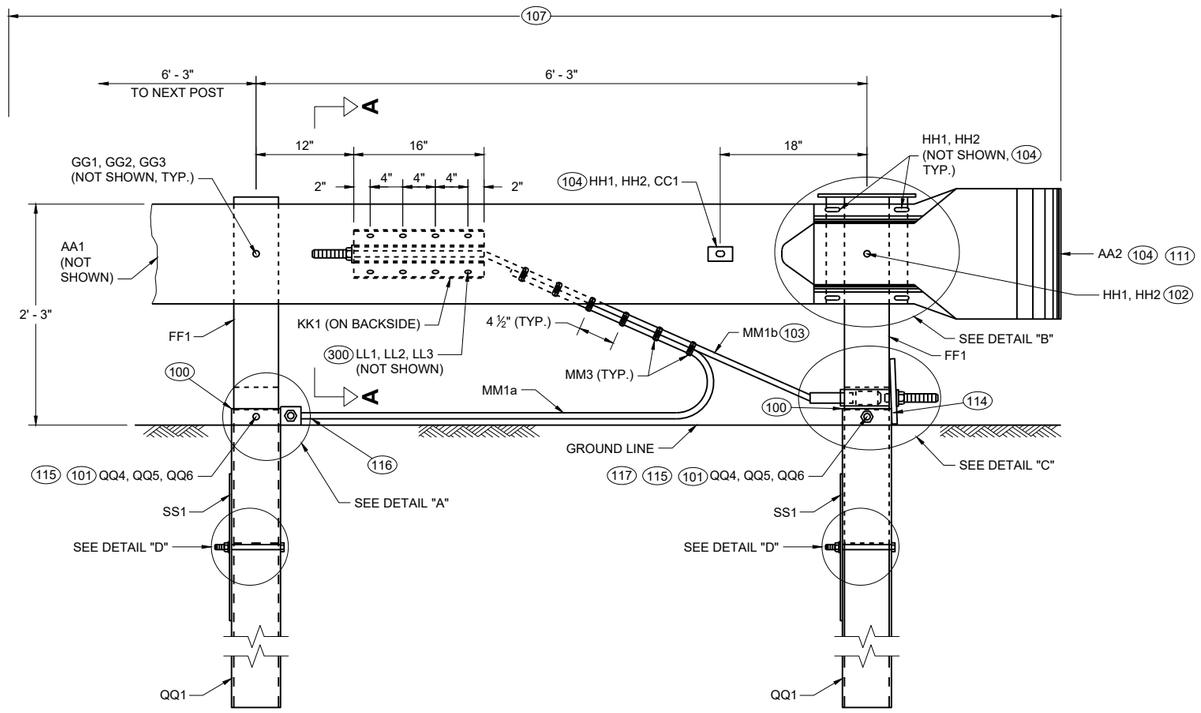
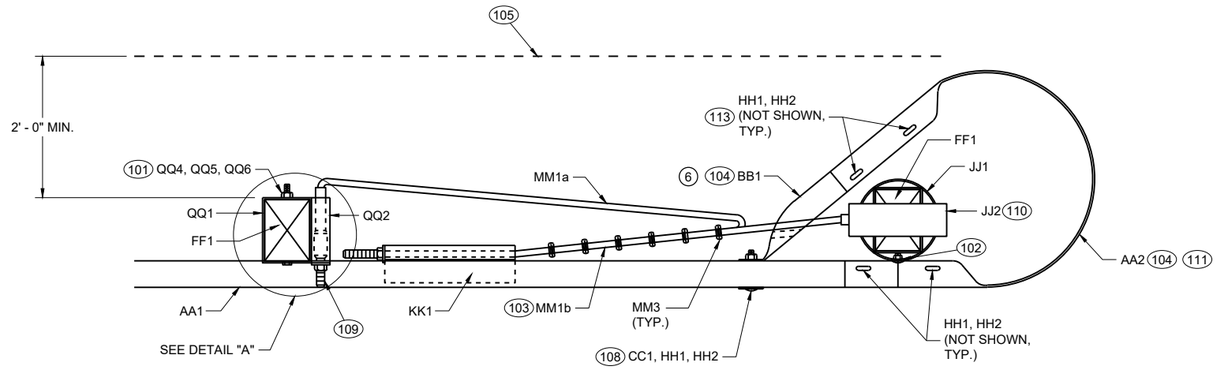


PROFILE VIEW

SHORT RADIUS TERMINAL



TOP VIEW

SHORT RADIUS TERMINAL

GENERAL NOTES

(100) TOP OF FOUNDATION TUBE 2 INCHES MAXIMUM ABOVE FINISHED GROUND.

(101) WASHERS REQUIRED BETWEEN BOLT HEAD AND FOUNDATION TUBE AND BETWEEN NUT AND FOUNDATION TUBE.

(102) SPLICE BOLT AND NUT CONNECTS BEAM GUARD RAIL, W-BEAM SECTION BUFFER, AND STEEL PIPE ASSEMBLY. NO WASHER REQUIRED. SEE DETAIL "B".

(103) CABLE IS TAUT.

(104) ADJUST AA2 AND BB1 TO FIT.

(105) BREAK POINT OF SHOULDER.

(106) TACK WELD CABLE CONNECTOR TUBE PLATE TO CABLE CONNECTION TUBE. SEE DETAIL "A" PROFILE VIEW.

(107) PAY LIMIT FOR BEAM GUARD.

(108) SQUARE WASHER BETWEEN HEAD OF BOLT AND TRAFFIC FACE OF BEAM GUARD. ROUND WASHER REQUIRED BETWEEN NUT AND BB1.

(109) CUT OR PROVIDE THREADED STUD THAT IS FLUSH WITH FACE OF BEAM GUARD RAIL KK1 (PLUS OR MINUS 1/2" TOLERANCE). DEBURR AFTER CUTTING.

(110) SEE STEEL PIPE ASSEMBLY DETAILS.

(111) ATTACH UU2 WITH UU3. SHOP APPLY UU1 TO UU2.

(112) FOUR (4) HH1 AND HH2 REQUIRED TO ATTACH AA1 TO AA2.

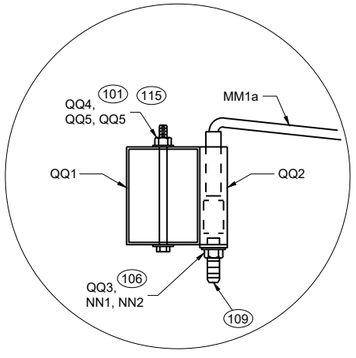
(113) FOUR (4) HH1 AND HH2 REQUIRED TO ATTACH AA2 TO BB1.

(114) NO MATERIAL IS TO BE PLACED AGAINST THE VERTICAL FACES OF BEARING PLATE.

(115) PREVENT OR REMOVE MATERIALS THAT BLOCK ACCESS TO BOLTS FOR POST AND SOIL TUBE.

(116) PREVENT OR REMOVE MATERIALS THAT BLOCK ACCESS TO BOLT. PLACE CABLE ON TOP OF MATERIAL.

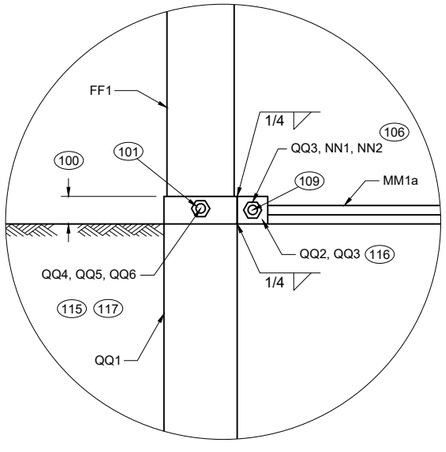
(117) ONE WASHER BETWEEN BOLD HEAD AND FOUNDATION TUBE AND BETWEEN NUT AND FOUNDATION TUBE.



TOP VIEW

DETAIL "A"

(WOOD BREAKAWAY AND BEAM GUARD RAIL POSTS NOT SHOWN)



PROFILE VIEW

DETAIL "A"

SHORT RADIUS BEAM GUARD (MGS) SHORT RADIUS TERMINAL (MGS)

STATE OF WISCONSIN
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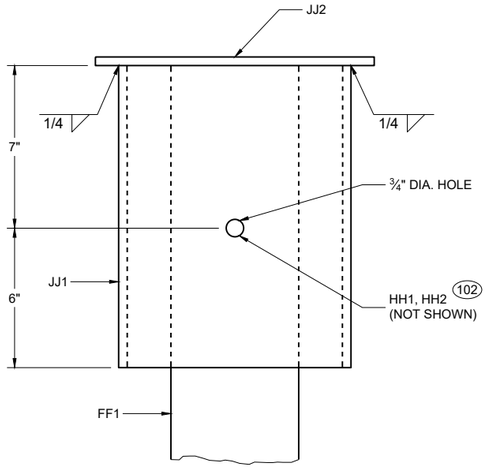
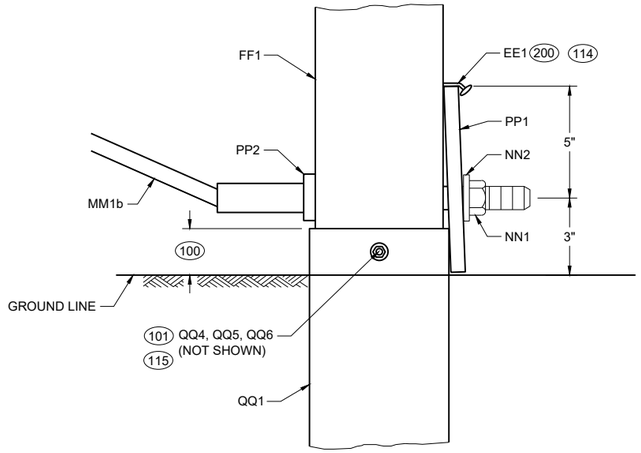
GENERAL NOTES

(200) TWO (2) NAILS SPACED 4 INCHES CENTER TO CENTER.



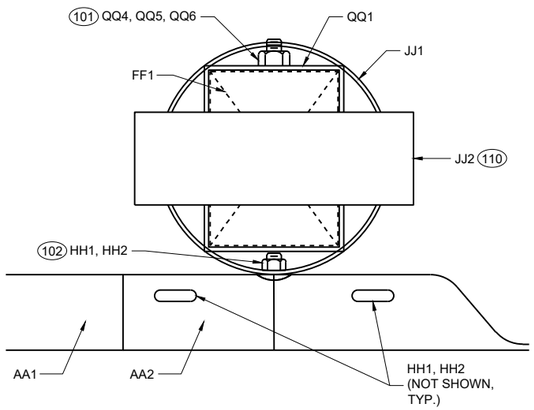
PROFILE VIEW

DETAIL "B"
STEEL PIPE ASSEMBLY
(BEAM GUARD AND W BEAM END SECTION NOT SHOWN)



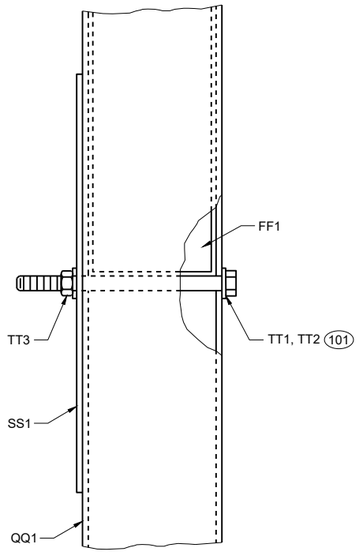
PROFILE VIEW

DETAIL "C"



PLAN VIEW

DETAIL "B"
STEEL PIPE ASSEMBLY



PROFILE VIEW

DETAIL "D"

SHORT RADIUS BEAM GUARD (MGS) SHORT RADIUS TERMINAL (MGS)

STATE OF WISCONSIN
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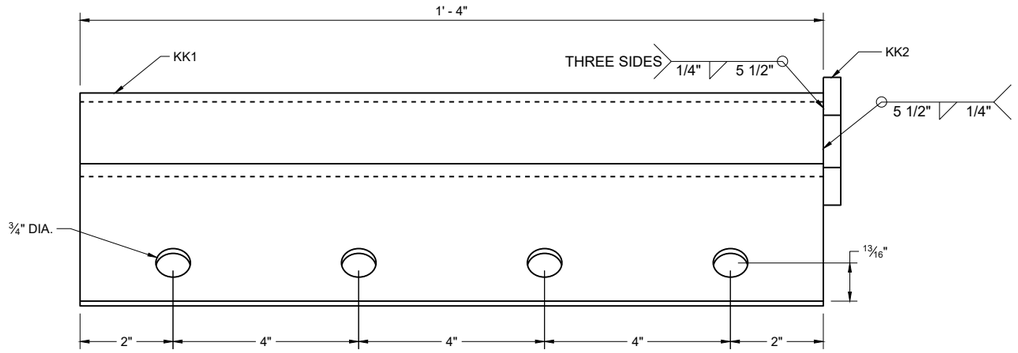
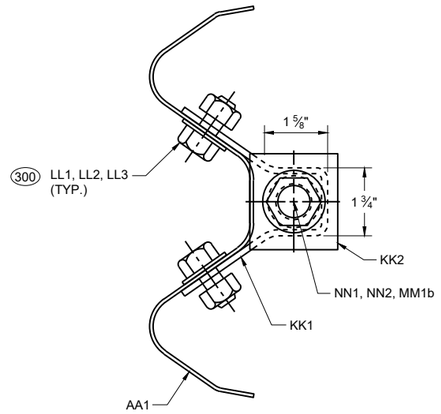
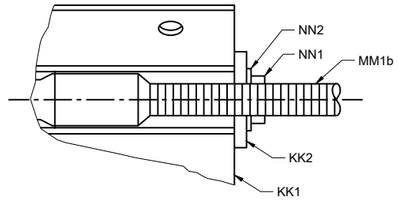
GENERAL NOTES

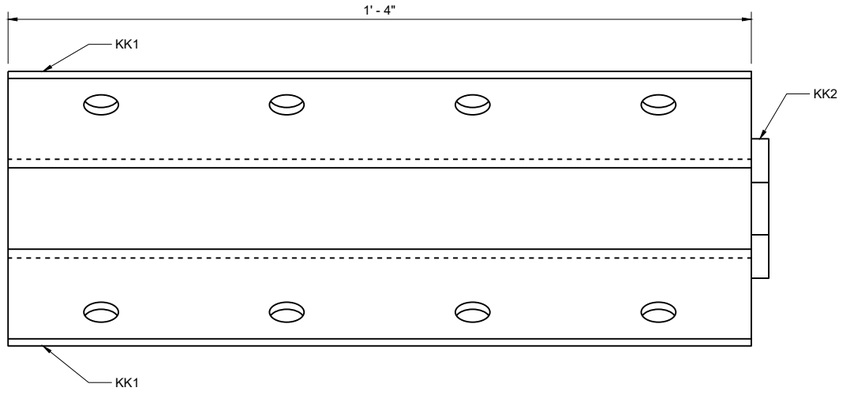
(300) WASHERS REQUIRED BETWEEN BOLT HEAD AND BEAM GUARD RAIL AND BETWEEN NUT AND ANCHOR BRACKET. EIGHT (8) LL1 AND LL3 REQUIRED. SIXTEEN (16) LL2 REQUIRED.

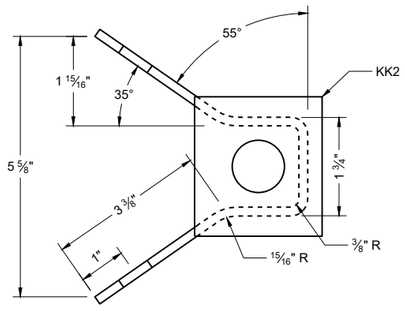




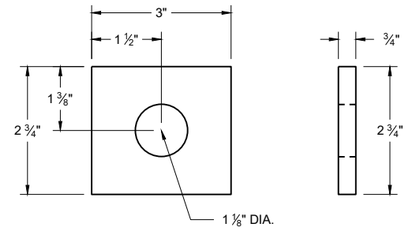


SECTION A - A





ANCHOR BRACKET (KK1, KK2)



ANCHOR BRACKET BEARING PLATE (KK2)

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SHORT RADIUS BEAM GUARD (MGS) SHORT RADIUS TERMINAL (MGS)

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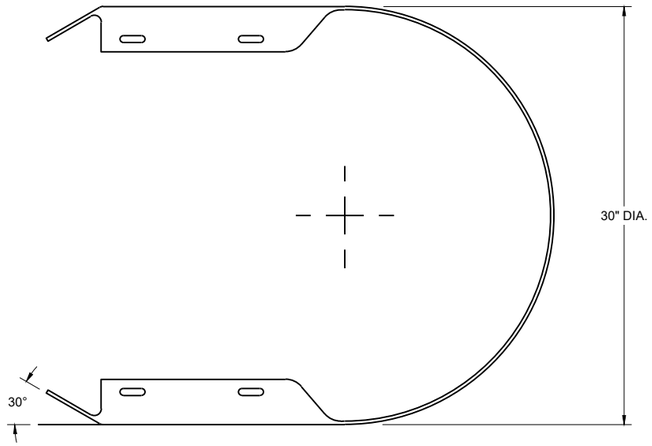
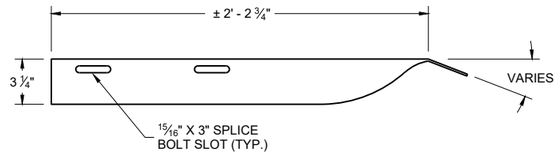
GENERAL NOTES

(400) CROSS SECTION OF PART IS TO FIT OVER AA1 .

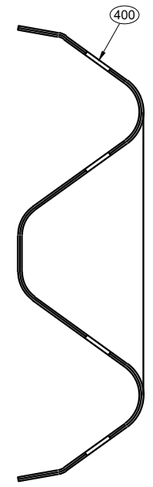
(401) CROSS SECTION OF PART IS TO FIT OVER OR UNDER AA1 .



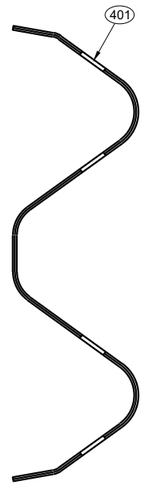
TOP VIEW



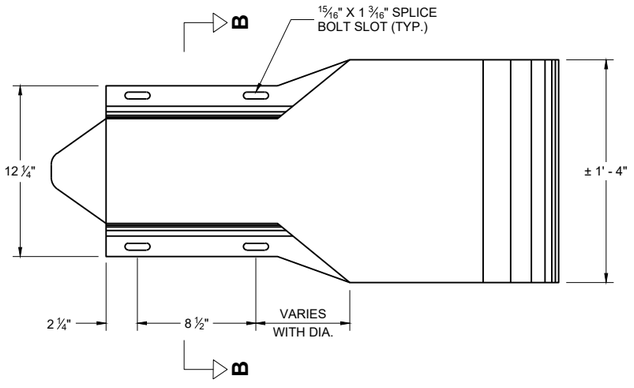
TOP VIEW



SECTION B -B

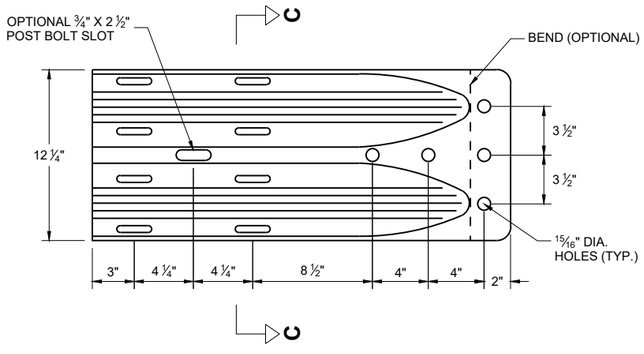


SECTION C -C



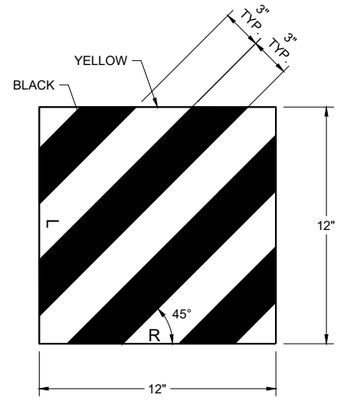
PROFILE VIEW

W BEAM
END SECTION BUFFER (AA2)



PROFILE VIEW

W BEAM
TERMINAL CONNECTOR (BB1)



REFLECTIVE SHEETING (UU1, UU2)

SHORT RADIUS BEAM GUARD (MGS) SHORT RADIUS TERMINAL (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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SDD 14B53-04e

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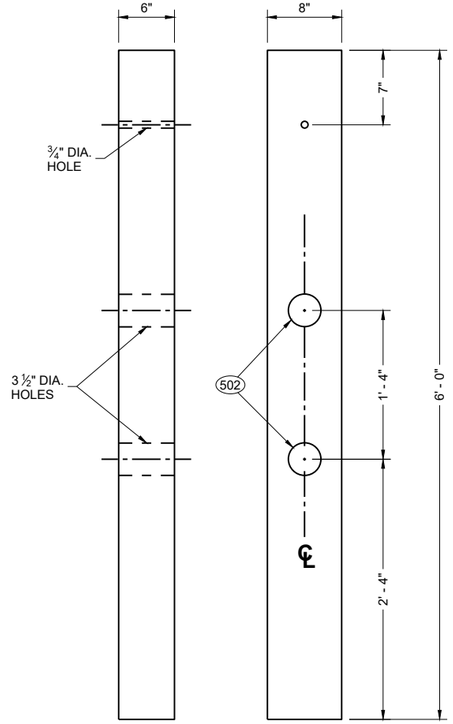
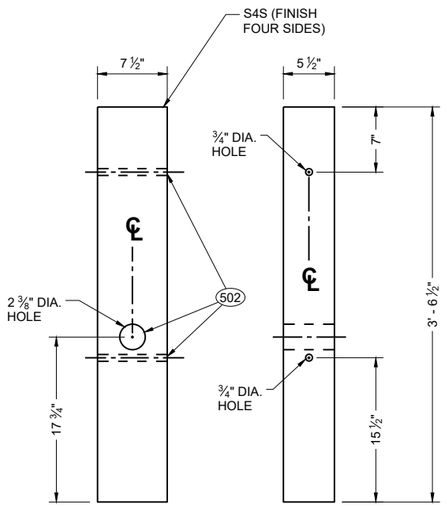


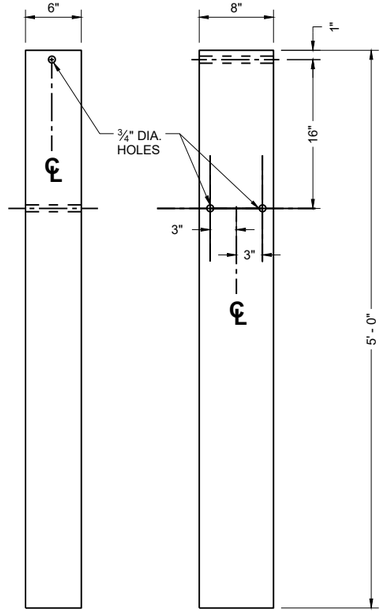
FRONT VIEW SIDE VIEW

CONTROLLED RELEASE POST (CRT) (DD2)



FRONT VIEW SIDE VIEW

WOOD BREAKAWAY POST (FF1)



FRONT VIEW SIDE VIEW

FOUNDATION TUBE (QQ1) (500)

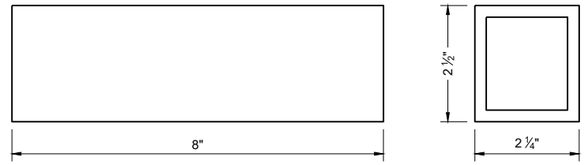
GENERAL NOTES

(500) SEE DETAIL "D" FOR LOCATION AND ATTACHMENT OF SS1.

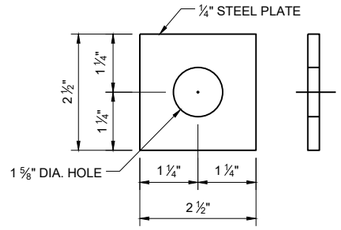
(501) FOR MM1a THREADED STUD ONLY REQUIRED ON ONE END. SWAGED FITTING REQUIRED.

(502) LOCATE HOLES ON THE CENTERLINE OF THE SIDE OF THE POST.

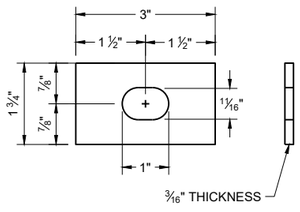
(503) MM1a MAY HAVE ONE THREADED STUD 4 INCHES LONG. SEE NOTE (109)



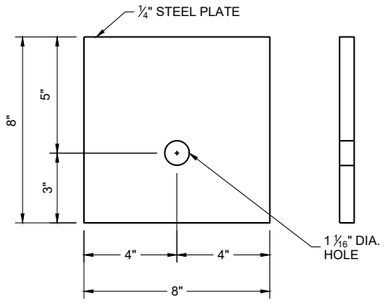
FOUNDATION TUBE - ANCHOR CABLE TUBE (QQ2)



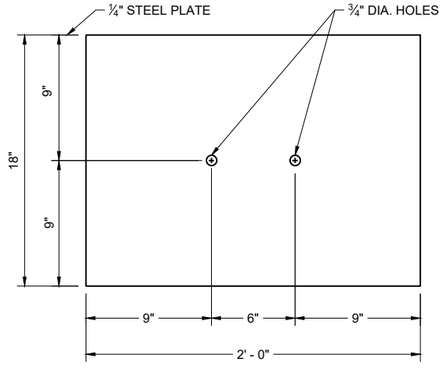
ANCHOR CABLE TUBE END PLATE (QQ3)



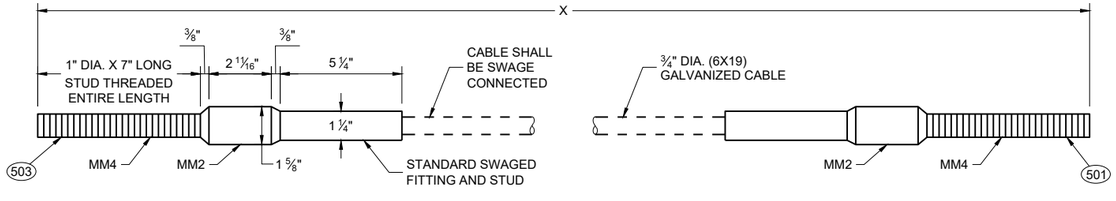
RECTANGULAR PLATE WASHER (CC1)



BEARING PLATE (PP1)



SOIL PLATE (SS1)



CABLE ASSEMBLY (MM1a, MM1b)

"X" LENGTH

MM1b	9' - 0"
MM1b	6' - 8"

SHORT RADIUS BEAM GUARD (MGS) SHORT RADIUS TERMINAL (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

BILL OF MATERIALS - SHORT RADIUS BEAM GUARD (MGS)

PART	DESCRIPTION	MATERIALS SPECIFICATIONS	NOTES
A1	BEAM GUARD RAIL	AASHTO M180, CLASS A, TYPE 2	
		APPROVED PRODUCER	
A2	BEAM GUARD RAIL - SHOP BENT	INDICATE ON BACK OF RAIL THE RADIUS THAT RAIL WAS BENT TO. SHOP BEND RADIUS IS TO THE NEAREST FOOT. FOLLOW AASHTO M180 ON HOW TO MARK RADIUS INFORMATION.	
		AASHTO M180, CLASS A, TYPE 2	
		APPROVED PRODUCER	
B1	BLOCK - WOOD	WISDOT SPEC. 614	SEE SDD 14B42
C1	NAIL	ASTM A153 HOT DIP CLASS D	
		ASTM F1667 TYPE 1 STYLE 12 (16 DOUBLE HEAD)	
D1	POST-STRONG POST-WOOD	WISDOT SPEC. 614	SEE SDD 14B42
D2	POST-CRT-WOOD	WISDOT SPEC. 614	
E1	POST BOLT	ASTM A307 GRADE A OR SAE J429 GRADE 2	5/8" DIA. SEE SDD 14B42 FOR BOLT GEOMETRY
		AASHTO M180	
		GALV. HOT DIP TO AASHTO M232 CLASS C / ASTM A153 CLASS C / ASTM F2329 OR GALV. MECHANICALLY TO AASHTO M298 CLASS 50, TYPE 1 / ASTM B695 CLASS 50, TYPE 1	
		UNC	
E2	POST BOLT - WASHER	ASTM F436 TYPE 1 (HARDEN TYPICALLY USED WITH STEEL) OR ASTM F844 (UNHARDENED TYPICALLY WITH WOOD)	5/8" DIA.
		GALV. AASHTO M111 / ASTM A 123 OR GALV. HOT DIP. TO AASHTO M232 CLASS C / ASTM A153 CLASS C / ASTM F2329	
E3	POST BOLT - NUT	AASHTO M180 DOUBLE RECESSED HEAVY HEX HEAD	5/8" DIA. SEE SDD 14B42 FOR BOLT GEOMETRY
		GALV. HOT DIP TO AASHTO M232 CLASS C / ASTM A153 CLASS C / ASTM F2329 OR GALV. MECHANICALLY TO AASHTO M298 CLASS 50, TYPE 1 / ASTM B695 CLASS 50, TYPE 1	
		UNC	
		OVER TAPPED NUTS OVER-SIZE AS SPECIFIED IN AASHTO 291 / ASTM A 563	
		ASTM A563 GRADE A HEAVY HEX HEAD	
F1	SPLICE BOLT	GALV. HOT DIP TO AASHTO M232 CLASS C / ASTM A153 CLASS C / ASTM F2329 OR GALV. MECHANICALLY TO AASHTO M298 CLASS 50, TYPE 1 / ASTM B695 CLASS 50, TYPE 1	5/8" DIA. SEE SDD 14B42 FOR BOLT GEOMETRY
		ASTM A307 GRADE A OR SAE J429 GRADE 2	
		UNC	
		AASHTO M180	

PART	DESCRIPTION	MATERIALS SPECIFICATIONS	NOTES
F2	SPLICE BOLT - NUT	ASTM A563 GRADE A	5/8" DIA. SEE SDD 14B42 FOR BOLT GEOMETRY
		AASHTO M180 DOUBLE RECESSED HEAVY HEX HEAD	
		GALV. HOT DIP TO AASHTO M232 CLASS C/ASTM A153 CLASS C/ASTM F2329 OR GALV. MECHANICALLY TO AASHTO M298 CLASS 50, TYPE 1/ASTM B695 CLASS 50, TYPE 1	
		OVER TAPPED NUTS OVER-SIZE AS SPECIFIED IN AASHTO 291 / ASTM A 563	
		UNC	
G1	LAG SCREW	ASTM A308 GRADE A ASTM A153 CLASS D	1/2" DIA. 6" LONG
H1	DELINEATOR - BEAM GUARD		SEE SDD 14B42 FOR MORE INFORMATION
H2	DELINEATION - SHEETING	YELLOW OR WHITE	
		WISDOT SPEC 637 TYPE SH	
		APPROVED PRODUCT LIST	
J1	FOUNDATION BACKFILL	STANDARD SPEC. 614	
AA1	BEAM GUARD RAIL - PUNCHED	AASHTO M180, CLASS A, TYPE 2	
		APPROVED PRODUCER	
AA2	BEAM GUARD RAIL - END SECTION BUFFER	AASHTO M180, CLASS A, TYPE 2	
		APPROVED PRODUCER	
BB1	BEAM GUARD RAIL - TERMINAL CONNECTOR MODIFIED	AASHTO M180, CLASS A, TYPE 2	
		APPROVED PRODUCER	
CC1	SHORT RADIUS - SQUARE WASHER	AASHTO M180	
		GALV. AASHTO M111 / ASTM A123	
EE1	NAIL	ASTM A153 HOT DIP CLASS D	
		ASTM F1667 TYPE 1 STYLE 12 (16 DOUBLE HEADED)	
FF1	POST - BCT - WOOD	S4S FINISH ON 4 SIDES	
		WISDOT SPEC. 614	
GG1	POST BOLT	ASTM A307 GRADE A OR SAE J429 GRADE 2	3/8" DIA. SEE SDD 14B42 FOR BOLT GEOMETRY
		AASHTO M180	
		GALV. HOT DIP TO AASHTO M232 CLASS C/ASTM A153 CLASS C/ASTM F2329 OR GALV. MECHANICALLY TO AASHTO M298 CLASS 50, TYPE 1/ASTM B695 CLASS 50, TYPE 1	
		UNC	
GG2	POST BOLT - WASHER	ASTM F436 TYPE 1 (HARDEN TYPICALLY USED WITH STEEL) OR ASTM F844 (UNHARDENED TYPICALLY WITH WOOD)	3/8" DIA.
		GALV. AASHTO M111 / ASTM A 123 OR GALV. HOT DIP. TO AASHTO M232 CLASS C/ASTM A153 CLASS C / ASTM F2329	

SHORT RADIUS BEAM GUARD (MGS) SHORT RADIUS TERMINAL (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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SDD 14B53-04g

BILL OF MATERIALS - SHORT RADIUS BEAM GUARD (MGS)

PART	DESCRIPTION	MATERIALS SPECIFICATIONS	NOTES
GG3	POST BOLT - NUT	ASTM A563 GRADE A	3/8" DIA. SEE 14B42 FOR GEOMETRY
		AASHTO M180 DOUBLE RECESSED HEAVY HEX HEAD	
		GALV. HOT DIP TO AASHTO M232 CLASS C / ASTM A153 CLASS C / ASTM F2329 OR GALV. MECHANICALLY TO AASHTO M298 CLASS 50, TYPE 1 / ASTM B695 CLASS 50, TYPE 1	
		UNC	
		OVER TAPPED NUTS OVER-SIZE AS SPECIFIED IN AASHTO 291 / ASTM A 563	
		ASTM A563 GRADE A HEAVY HEX HEAD	
HH1	SPLICE BOLT	GALV. HOT DIP TO AASHTO M232 CLASS C / ASTM A153 CLASS C / ASTM F2329 OR GALV. MECHANICALLY TO AASHTO M298 CLASS 50, TYPE 1 / ASTM B695 CLASS 50, TYPE 1	3/8" DIA. SEE SDD 14B42 FOR BOLT GEOMETRY
		ASTM A307 GRADE A OR SAE J429 GRADE 2	
		UNC	
		AASHTO M180 HEAD GEOMETRY	
HH2	SPLICE BOLT - NUT	ASTM A563 GRADE A	3/8" DIA. SEE SDD 14B42 FOR BOLT GEOMETRY
		AASHTO M180 DOUBLE RECESSED HEAVY HEX HEAD	
		GALV. HOT DIP TO AASHTO M232 CLASS C / ASTM A153 CLASS C / ASTM F2329 OR GALV. MECHANICALLY TO AASHTO M298 CLASS 50, TYPE 1 / ASTM B695 CLASS 50, TYPE 1	
		OVER TAPPED NUTS OVER-SIZE AS SPECIFIED IN AASHTO 291 / ASTM A 563	
		UNC	
JJ1	PIPE - STEEL	ASTM A53 GALVANIZED GRADE B SCHEDULE 40	10" O.D.
JJ2	TOP PLATE	ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX STRENGTH 50 KSI OR ASTM A709 MAX STRENGTH 50 KSI OR ASTM A992 MAX STRENGTH 50 KSI	DIMENSIONS 3/8" X 4" X 1' - 0"
		GALV. AASHTO M111 / ASTM A123	
KK1	ANCHOR BRACKET	ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX STRENGTH 50 KSI OR ASTM A709 MAX STRENGTH 50 KSI OR ASTM A992 MAX STRENGTH 50 KSI	
		GALV. AASHTO M111 / ASTM A123	
KK2	ANCHOR BRACKET - BEARING PLATE	ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX STRENGTH 50 KSI OR ASTM A709 MAX STRENGTH 50 KSI OR ASTM A992 MAX STRENGTH 50 KSI	
		GALV. AASHTO M111 / ASTM A123	
LL1	ANCHOR BRACKET - BOLT	ASTM A307 GRADE B HEAVY HEX HEAD OR SAE J429 GRADE 2 HEAVY HEX HEAD	5/8" DIA.
		GALV. HOT DIP TO AASHTO M232 CLASS C / ASTM A153 CLASS C / ASTM F2329 OR GALV. MECHANICALLY TO AASHTO M298 CLASS 50, TYPE 1 / ASTM B695 CLASS 50, TYPE 1	
		UNC	

PART	DESCRIPTION	MATERIALS SPECIFICATIONS	NOTES
LL2	ANCHOR BRACKET - WASHER	ASTM F436 TYPE 1 (HARDEN WASHER ONLY)	5/8" DIA.
		GALV. AASHTO M111 / ASTM A123 OR GALV. HOT DIP TO AASHTO M232 CLASS C / ASTM A153 CLASS C / ASTM F2329	
LL3	ANCHOR BRACKET - NUT	ASTM A563 GRADE A	5/8" DIA.
		GALV. HOT DIP TO AASHTO M232 CLASS C / ASTM A153 CLASS C / ASTM F2329 OR GALV. MECHANICALLY TO AASHTO M298 CLASS 50, TYPE 1 / ASTM B695 CLASS 50, TYPE 1	
		OVER TAPPED NUTS OVER-SIZE AS SPECIFIED IN AASHTO 291 / ASTM A 563	
		UNC	
MM1a	ANCHOR CABLE	AASHTO M30 / ASTM A741 INDEPENDENT WIRE CORE (IWRC) OR WIRE STRAND CORE (WCS), IMPROVED PLOW STEEL (IPS), 6X19, TYPE II OR IIc CLASS C ZINC COATED	
MM1b	ANCHOR CABLE	AASHTO M30 / ASTM A741 INDEPENDENT WIRE CORE (IWRC) OR WIRE STRAND CORE (WCS), IMPROVED PLOW STEEL (IPS), 6X19, TYPE II OR IIc CLASS C ZINC COATED	
MM2	ANCHOR CABLE - SWAGE FITTING	ASTM A576 GRADE 1035	
		SWAGE FITTINGS ARE TO BE FACTORY SWEDGED. WITH A BREAKING STRENGTH 40,000 LBS.	
		GALV. AASHTO M111 / ASTM A123	
		ASME B30.26 FORGED, CAST, OR DIE STAMPED WITH THE FOLLOWING INTO CONNECTION: NAME OF MANUFACTURER OR TRADEMARK OF CONNECTION'S MANUFACTURER, SIZE OR RATED LOAD, GRADE.	
MM3	WIRE ROPE CABLE CLAMPS	FF-C-450D TYPE 1 CLASS 1	3/4"
		ASTM A153 HOT DIP CLASS D	
MM4	ANCHOR CABLE - SWAGE FITTING - STUD	ASTM F3125 GRADE A325 TYPE 1 OR SAE GRADE 5 OR ASTM A449 TYPE 1 HEAVY HEX HEAD	
		GALV. HOT DIP TO AASHTO M232 CLASS C / ASTM A153 CLASS C / ASTM F2329 OR GALV. MECHANICALLY TO AASHTO M298 CLASS 50, TYPE 1 / ASTM B695 CLASS 50, TYPE 1	
		UNC	
NN1	ANCHOR CABLE - NUT	ASTM A563 GRADE A	1" DIA.
		AASHTO M180 DOUBLE RECESSED HEAVY HEX HEAD	
		GALV. HOT DIP TO AASHTO M232 CLASS C / ASTM A153 CLASS C / ASTM F2329 OR GALV. MECHANICALLY TO AASHTO M298 CLASS 50, TYPE 1 / ASTM B695 CLASS 50, TYPE 1	
		OVER TAPPED NUTS OVER-SIZE AS SPECIFIED IN AASHTO 291 / ASTM A 563	
		UNC	
NN2	ANCHOR CABLE - NUT - WASHER	ASTM F436 TYPE 1 (HARDEN WASHER ONLY)	1" DIA.
		GALV. AASHTO M111 / ASTM A123 OR GALV. HOT DIP TO AASHTO M232 CLASS C / ASTM A153 CLASS C / ASTM F2329	

SHORT RADIUS BEAM GUARD (MGS) SHORT RADIUS TERMINAL (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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SDD 14B53-04h

BILL OF MATERIALS - SHORT RADIUS BEAM GUARD (MGS)

PART	DESCRIPTION	MATERIALS SPECIFICATIONS	NOTES
PP1	BEARING PLATE AT POST	ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX STRENGTH 50 KSI OR ASTM A709 MAX STRENGTH 50 KSI OR ASTM A992 MAX STRENGTH 50 KSI	
		GALV. AASHTO M111 / ASTM A123	
PP2	PIPE - STEEL	ASTM A53 GALVANIZED GRADE B SCHEDULE 40	2" DIA. x 6" LONG
QQ1	FOUNDATION TUBE	ASTM A500 GRADE B	8" X 6" X 3/16"
		GALV. AASHTO M111 / ASTM A123	
QQ2	SHORT RADIUS - FOUNDATION TUBE - ANCHOR CABLE - TUBE	ASTM A500 GRADE B	DIMENSIONS 2 1/2" X 2 1/4" X 1/4" X 8"
		GALV. AASHTO M111 / ASTM A123	
QQ3	SHORT RADIUS - SOIL TUBE - ANCHOR CABLE - TUBE - END PLATE	ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX STRENGTH 50 KSI OR ASTM A709 MAX STRENGTH 50 KSI OR ASTM A992 MAX STRENGTH 50 KSI	DIMENSIONS 2 1/2" X 2 1/2" X 1/4"
		GALV. AASHTO M111 / ASTM A123	
QQ4	GROUND STRUT AND YOKE - BOLT	GALV. HOT DIP TO AASHTO M232 CLASS C / ASTM A153 CLASS C / ASTM F2329 OR GALV. MECHANICALLY TO AASHTO M298 CLASS 50, TYPE 1 / ASTM B695 CLASS 50, TYPE 1	5/8 DIA.
		ASTM A307 GRADE B HEAVY HEX HEAD OR SAE J429 GRADE 2 HEAVY HEX HEAD	
		UNC	
QQ5	GROUND PLATE AND YOKE - WASHER	ASTM F436 TYPE 1 (HARDEN WASHER ONLY)	5/8 DIA.
		GALV. AASHTO M111 / ASTM A123 OR GALV. HOT DIP TO AASHTO M232 CLASS C / ASTM A153 CLASS C / ASTM F2329	
QQ6	GROUND STRUT AND YOKE - NUT	HEAVY HEX	5/8 DIA.
		UNC	
		ASTM A563 GRADE A	
		OVER TAPPED NUTS AS SPECIFIED IN AASHTO 291 / ASTM A 563	
		GALV. HOT DIP TO AASHTO M232 CLASS C / ASTM A153 CLASS C / ASTM F2329 OR GALV. MECHANICALLY TO AASHTO M298 CLASS 50, TYPE 1 / ASTM B695 CLASS 50, TYPE 1	

PART	DESCRIPTION	MATERIALS SPECIFICATIONS	NOTES
SS1	SOIL PLATE	ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX STRENGTH 50 KSI OR ASTM A709 MAX STRENGTH 50 KSI OR ASTM A992 MAX STRENGTH 50 KSI	
		GALV. AASHTO M111 / A123	
TT1	SOIL PLATE - BOLT	ASTM A307 GRADE B HEAVY HEX HEAD OR SAE J429 GRADE 2 HEAVY HEX HEAD	5/8 DIA.
		GALV. HOT DIP TO AASHTO M232 CLASS C / ASTM A153 CLASS C / ASTM F2329 OR GALV. MECHANICALLY TO AASHTO M298 CLASS 50, TYPE 1 / ASTM B695 CLASS 50, TYPE 1	
		UNC	
TT2	SOIL PLATE - WASHER	ASTM F436 TYPE 1 (HARDEN WASHER ONLY)	5/8 DIA.
		GALV. AASHTO M111 / ASTM A123 OR GALV. HOT DIP TO AASHTO M232 CLASS C / ASTM A153 CLASS C / ASTM F2329	
TT3	SOIL PLATE - NUT	GALV. HOT DIP TO AASHTO M232 CLASS C / ASTM A153 CLASS C / ASTM F2329 OR GALV. MECHANICALLY TO AASHTO M298 CLASS 50, TYPE 1 / ASTM B695 CLASS 50, TYPE 1	5/8 DIA.
UU1	OBJECT MARKER - SHEETING	MUTCD / WISDOT OBJECT MARKER TYPE 3	PATTERN AND COLOR FOR SHEETING. SHEETING TYPE FOR MARKER.
		WISDOT SPEC 637 TYPE F	
		APPROVED PRODUCT LIST	
UU2	OBJECT MARKER - ALUMINUM PLATE	WISDOT SPEC 637 ALUMINUM PLATE	MATERIAL AND THICKNESS OF MATERIALS
UU3	OBJECT MARKER - SCREWS	STAINLESS SELF-TAPPING SCREWS	
VV1	FOUNDATION BACKFILL	WISDOT SPEC 614	

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SDD 14B53-04i

SHORT RADIUS BEAM GUARD (MGS) SHORT RADIUS TERMINAL (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

December 2024
DATE

/S/ Rodney Taylor
ROADWAY STANDARDS DEVELOPMENT ENGINEER

FHWA

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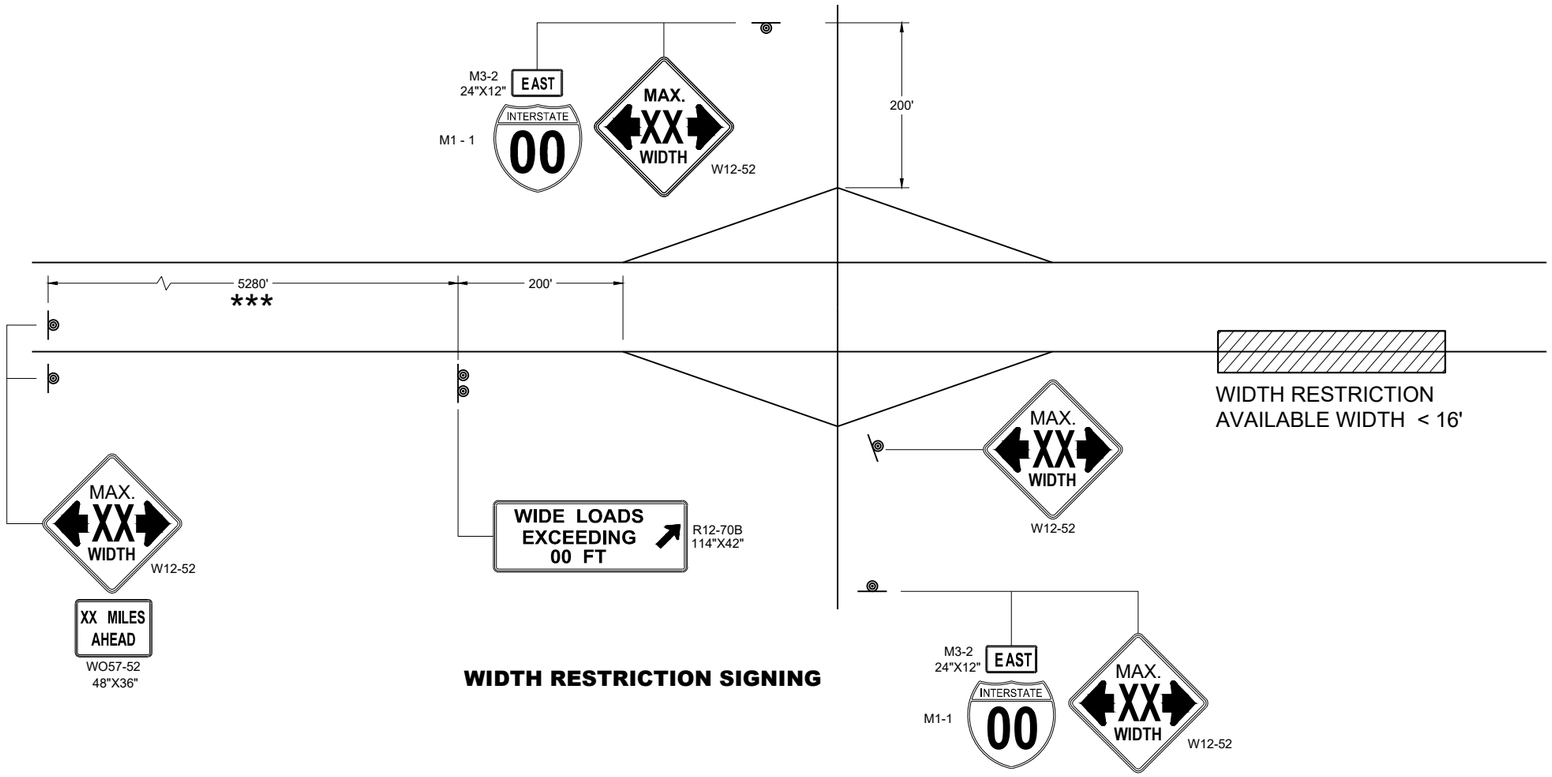
SDD 14B53-04i



WIDTH RESTRICTION SIGNING

LEGEND

SIGN ON PERMANENT SUPPORT

GENERAL NOTES

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

THE SPACING BETWEEN SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A DESIRABLE MINIMUM OF 200 FEET CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL " IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

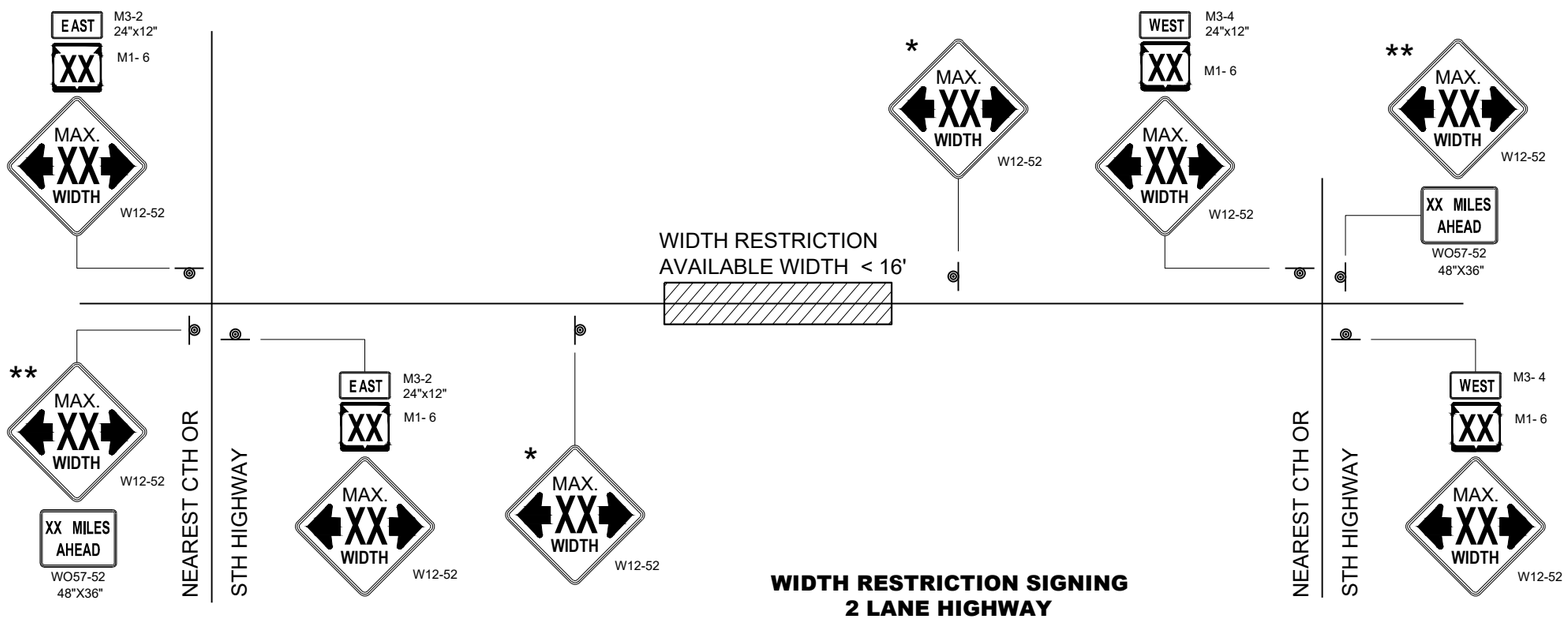
WIDTH ON SIGN TO BE APPROXIMATELY ONE FOOT LESS THAN AVAILABLE WIDTH.

* PLACE 500 FEET AFTER THE W20 - 1A AND 500 FEET BEFORE ADDITIONAL SIGNS FOR ROADWAYS WITH A PRE - CONSTRUCTION SPEED LIMIT OF 45 MPH OR MORE. FOR 35-40 MPH, USE 350 FOOT TYPICAL SPACING. FOR 25-30 MPH, USE 200 FOOT TYPICAL SPACING.

** SIGN SHALL BE VISIBLE FROM ROADWAY.

*** ADDITIONAL SIGNS NEEDED IF THERE IS AN ON RAMP BETWEEN SIGNS.

WIDTH ON SIGN TO BE APPROX. 1 - FOOT LESS THAN AVAILABLE WIDTH



WIDTH RESTRICTION SIGNING
2 LANE HIGHWAY

ADVANCED WIDTH RESTRICTION SIGNING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2025 — DATE
/S/ Andrew Heidtke — WORK ZONE ENGINEER

FHWA

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SDD 15C02-10f

SDD 15C02-10f

GENERAL NOTES

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS.

THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND SHOULD PROVIDE A MINIMUM OF 200 FEET (500 FEET DESIRABLE) CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

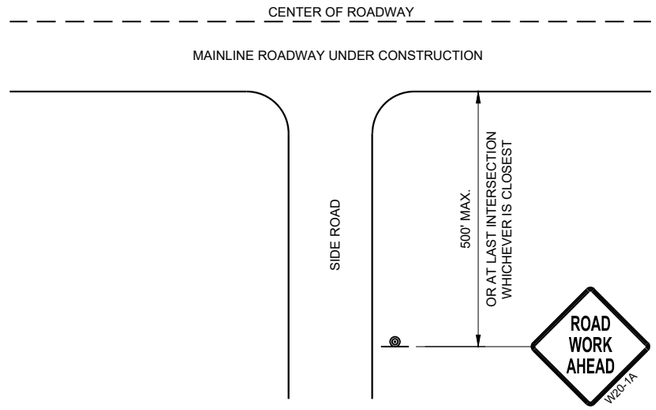
ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

SIGNS THAT WILL BE IN PLACE LESS THAN SEVEN CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

IF A "STOP" SIGN MUST BE REMOVED FOR A WORK OPERATION, A TEMPORARY "STOP" SIGN SHALL BE PLACED PRIOR TO THE SIGN REMOVAL, OR A FLAGGER SHALL BE PROVIDED UNTIL THE SIGN IS REESTABLISHED.

* OMIT G20-1 SIGNS IF LENGTH OF WORK AREA IS 2 MILES OR LESS

** PLACE AN ADDITIONAL W20-1A "ROAD WORK AHEAD" SIGN IF WORK AREA WITHIN THE PROJECT IS SEPARATED BY MORE THAN 2 MILES FROM PREVIOUS WORK AREA.



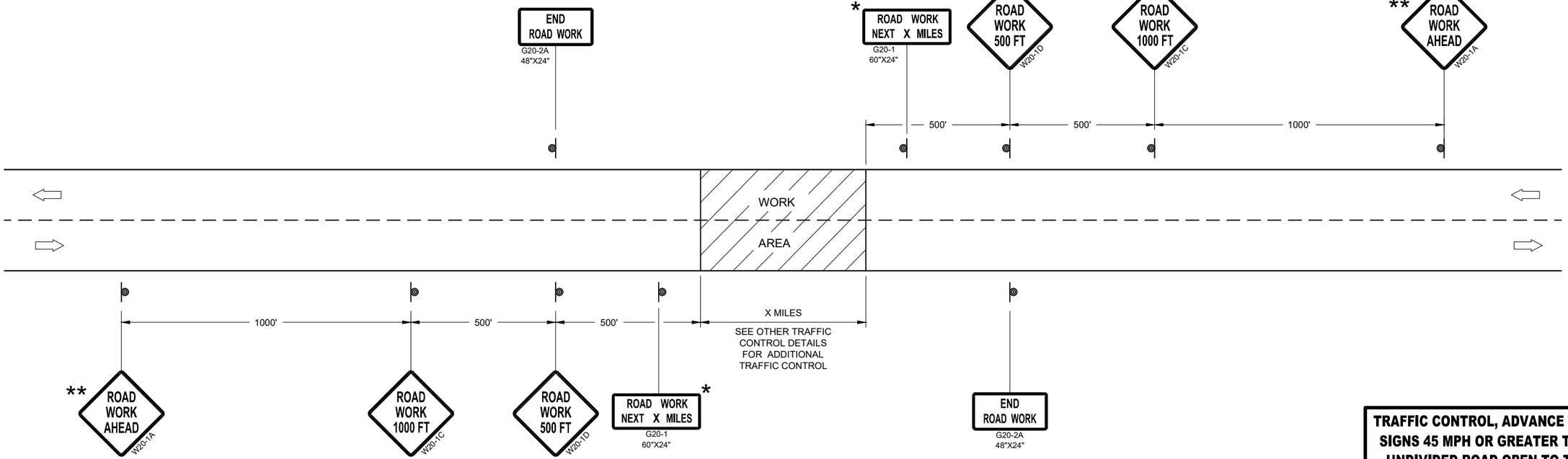
TYPICAL SIDE ROAD APPROACH WARNING SIGN DETAIL

LEGEND

SIGN ON PERMANENT SUPPORT

DIRECTION OF TRAFFIC

WORK AREA



TRAFFIC CONTROL, ADVANCE WARNING SIGNS 45MPH OR GREATER

TRAFFIC CONTROL, ADVANCE WARNING SIGNS 45 MPH OR GREATER TWO-WAY UNDIVIDED ROAD OPEN TO TRAFFIC

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
July 2018
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEE

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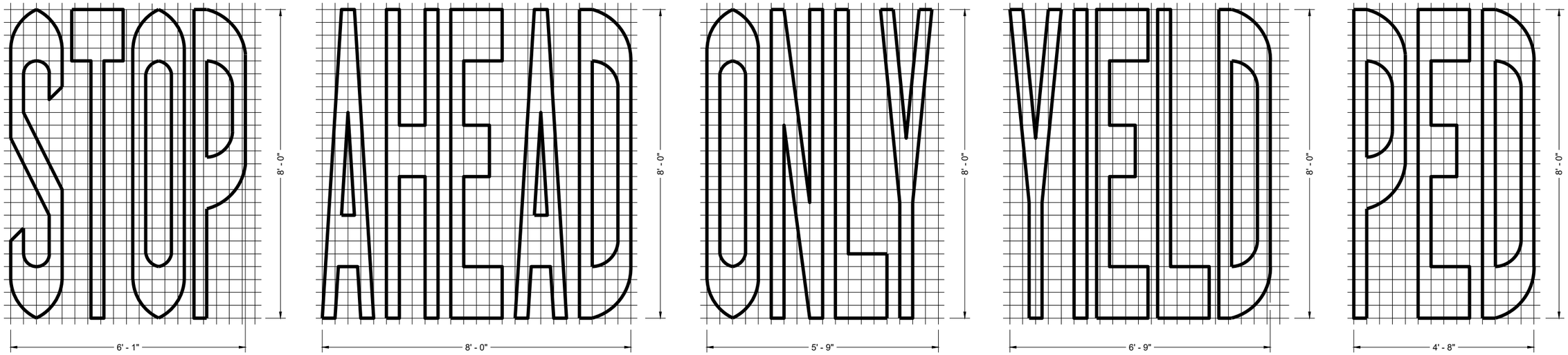
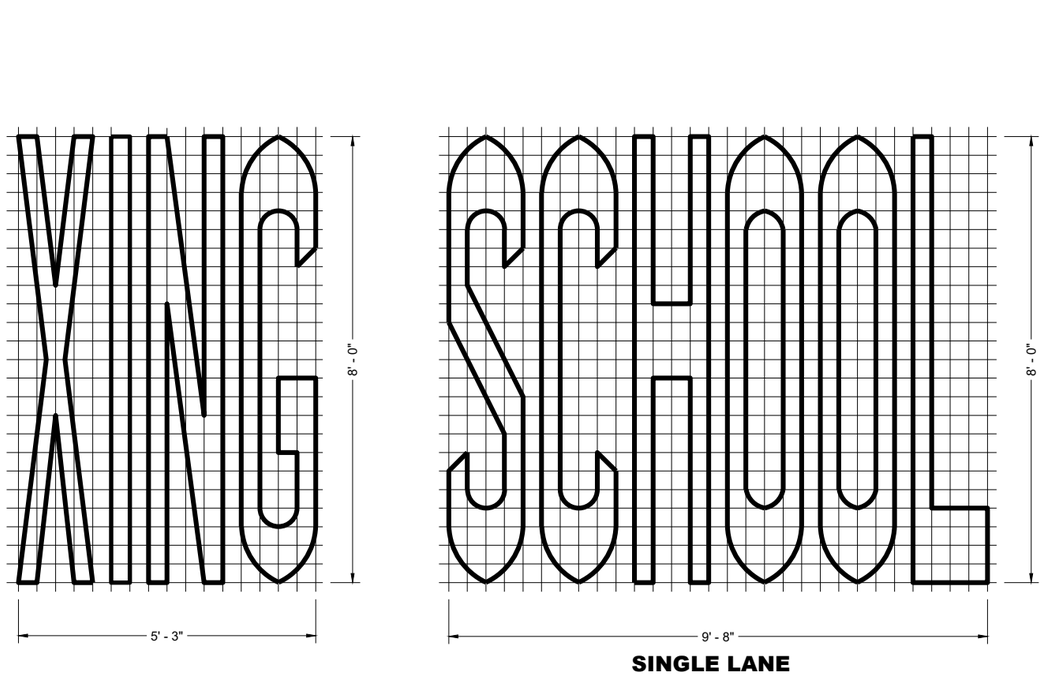
SDD 15C04 - 05

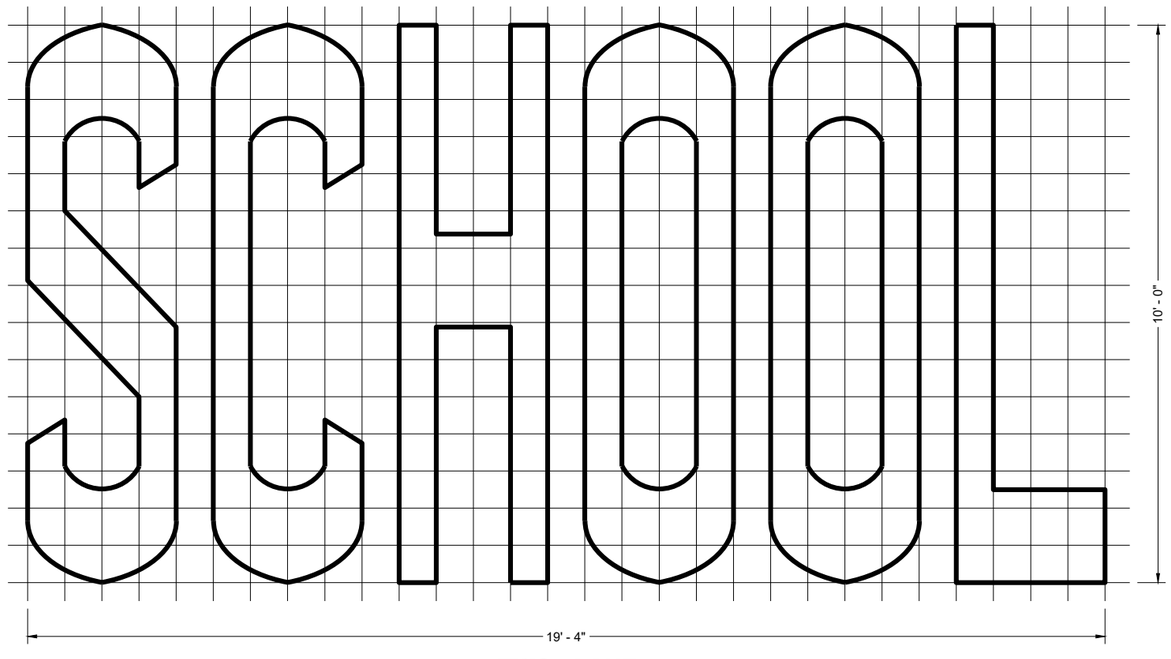
6

SDD 15C04 - 05





SINGLE LANE



TWO - LANE

GENERAL NOTES

DETAILS OF INSTALLATION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

PAVEMENT MARKING WORDS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2024 — DATE
/S/ Jeannie Silver — STATE SIGNING AND MARKING ENGINEER

FHWA

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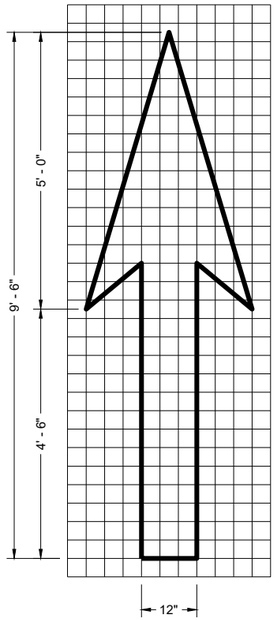
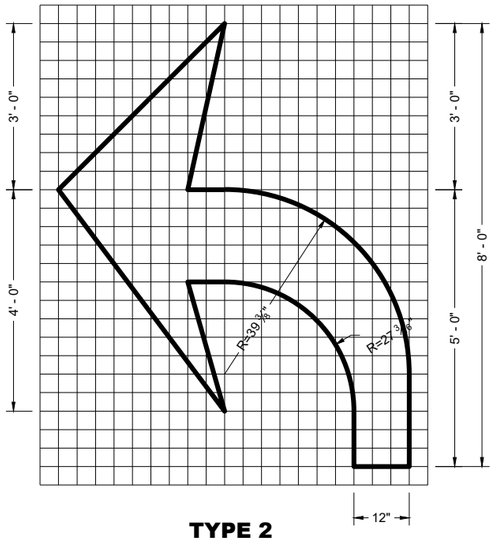
SDD 15C07-16b

GENERAL NOTES

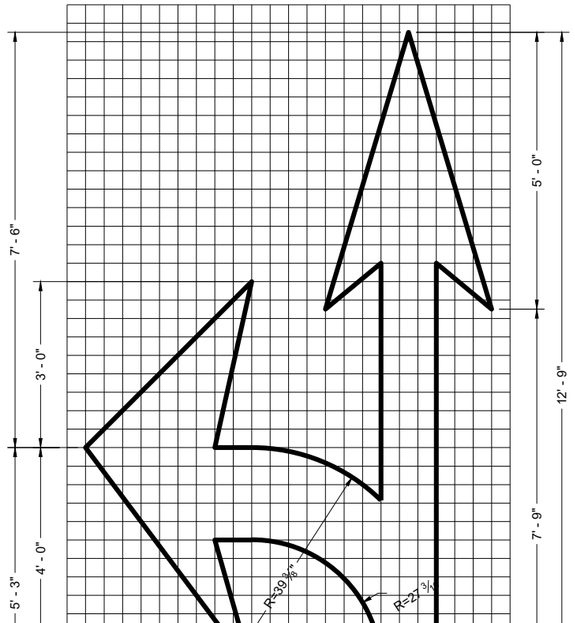
DETAILS OF INSTALLATION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.



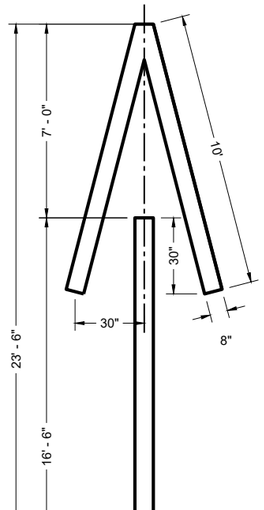
TYPE 1



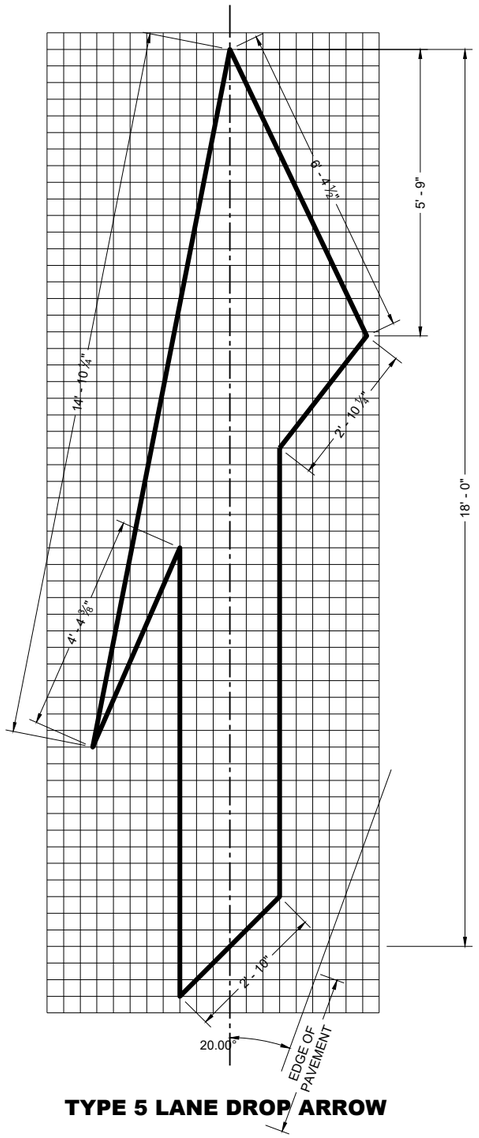
TYPE 2



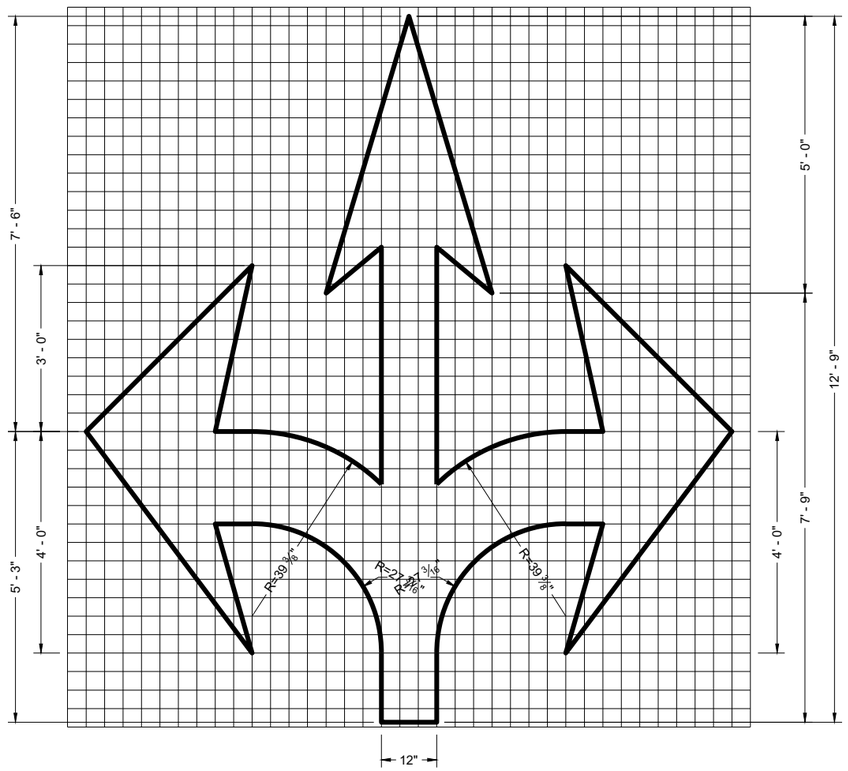
TYPE 3



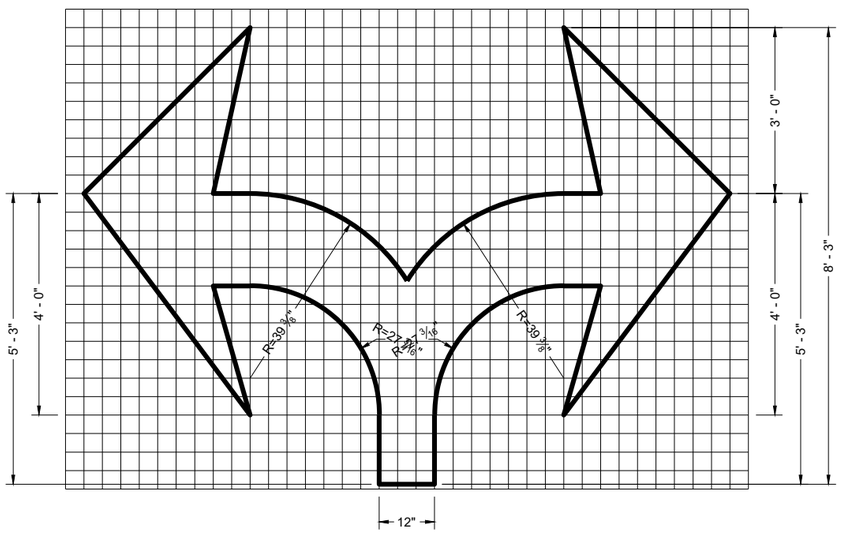
TYPE 4



TYPE 5 LANE DROP ARROW



TYPE 6



TYPE 7

PAVEMENT MARKING ARROWS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2024 — DATE
/S/ Jeannie Silver — STATE SIGNING AND MARKING ENGINEER

FHWA

SDD 15C07-16c

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SDD 15C07-16c

GENERAL NOTES

DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.

(1) LOCATE THE NO PASSING ZONE W14-3 SIGN WITHIN 50 FEET OF THE "T" MARKING

(2) MEASURE FROM EDGE OF MARKING TO JOINT LINE. THIS DOES NOT INCLUDE SPACE NEEDED FOR GROOVING OPERATIONS.

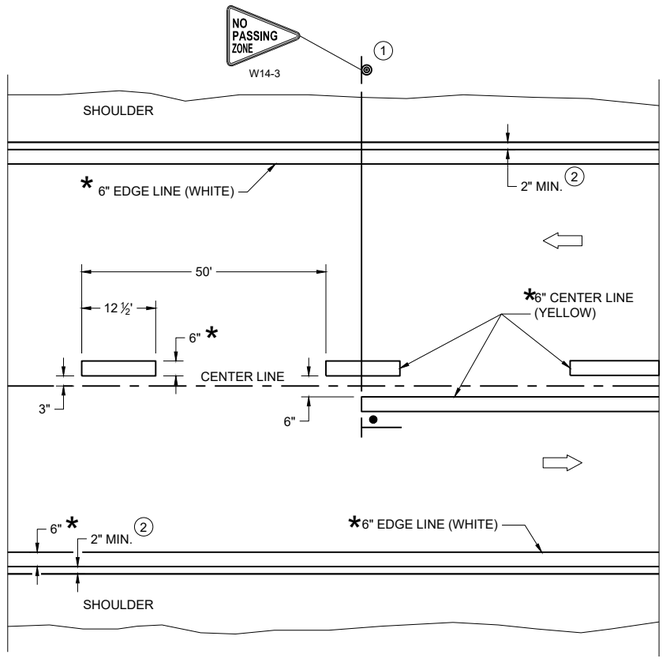
LEGEND

"T" MARKING

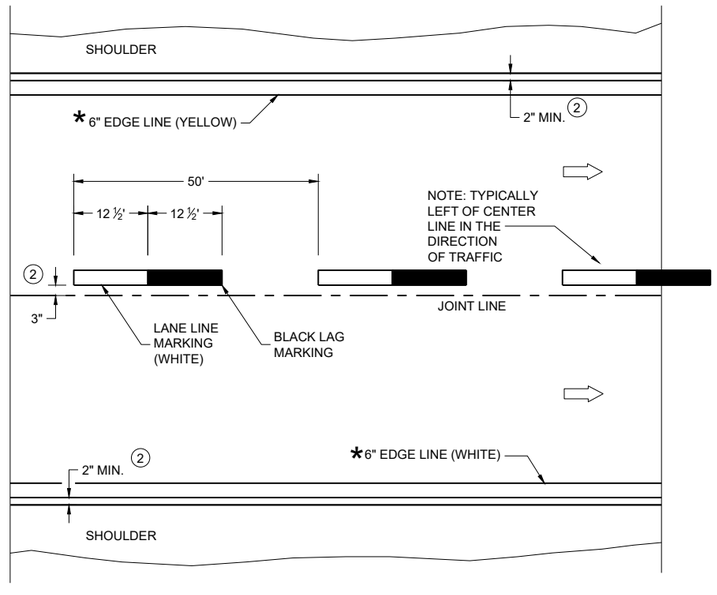
SIGN ON PERMANENT SUPPORT

DIRECTION OF TRAFFIC

*CONFIRM MARKING LINE WIDTH WITH THE MISCELLANEOUS QUANTITIES



TWO WAY TRAFFIC



ONE WAY TRAFFIC

PERMANENT PAVEMENT MARKING

6

SDD 15C08-24a

PERMANENT LONGITUDINAL PAVEMENT MARKINGS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
December 2024
DATE

/S/ Jeannie Silver
Statewide Pavement Marking Engineer

FHWA

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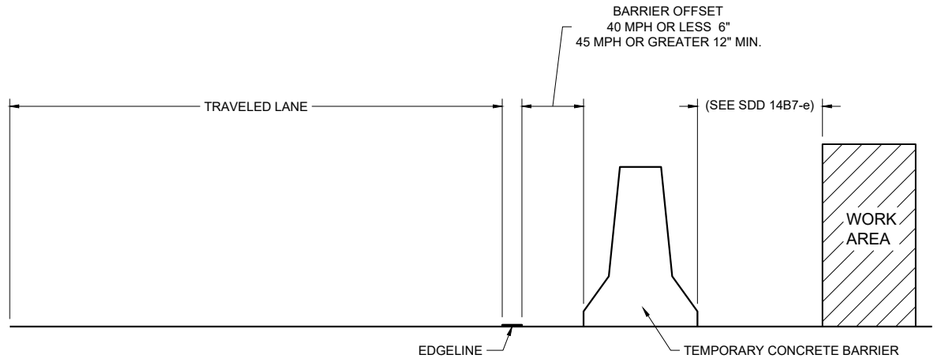
SDD 15C08-24a



TEMPORARY BARRIER OFFSET FROM EDGELINE

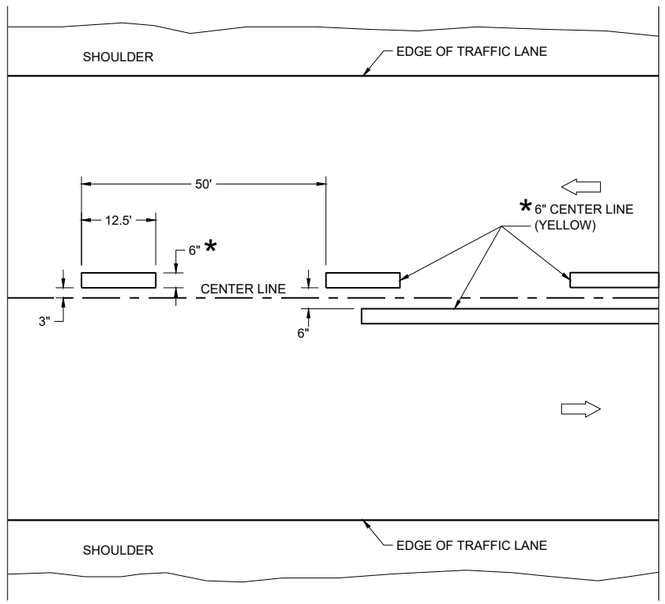
GENERAL NOTES

DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.

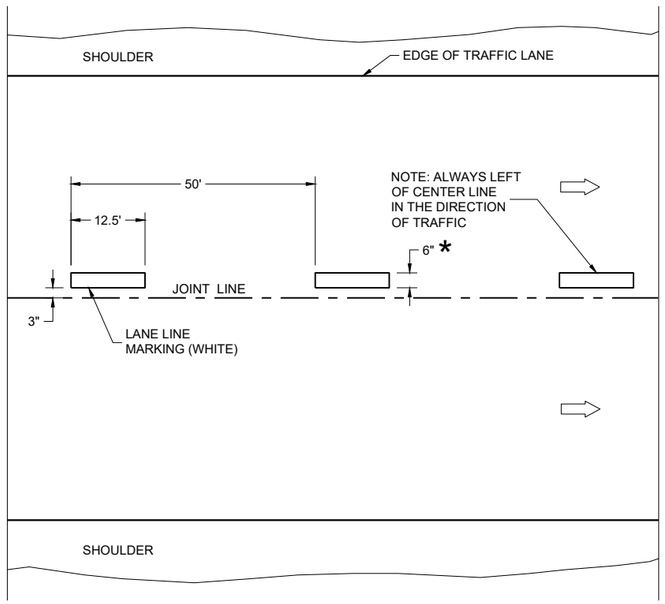
LEGEND

⇨ DIRECTION OF TRAFFIC

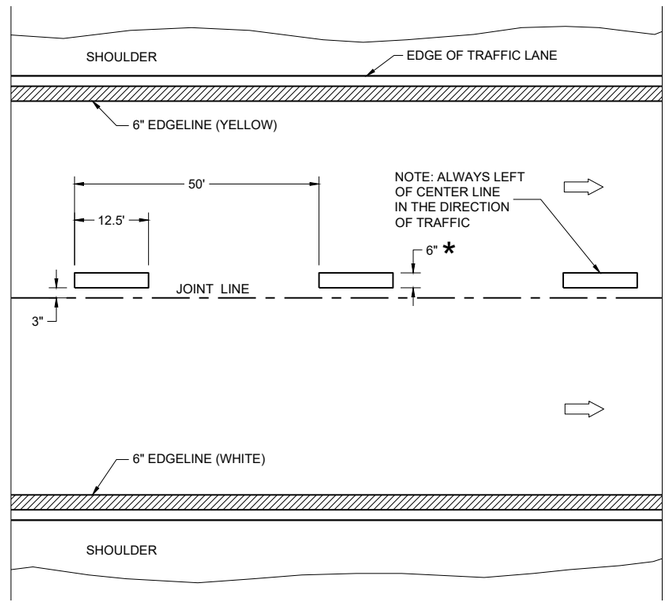
*CONFIRM MARKING LINE WIDTH WITH THE MISCELLANEOUS QUANTITIES



TWO WAY TRAFFIC



ONE WAY TRAFFIC



FREEWAYS AND EXPRESSWAYS

TEMPORARY PAVEMENT MARKING

TEMPORARY LONGITUDINAL PAVEMENT MARKING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
December 2024
DATE
/S/ Jeannie Silver
Statewide Pavement Marking Engineer
FHWA

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SDD 15C08-24b

6

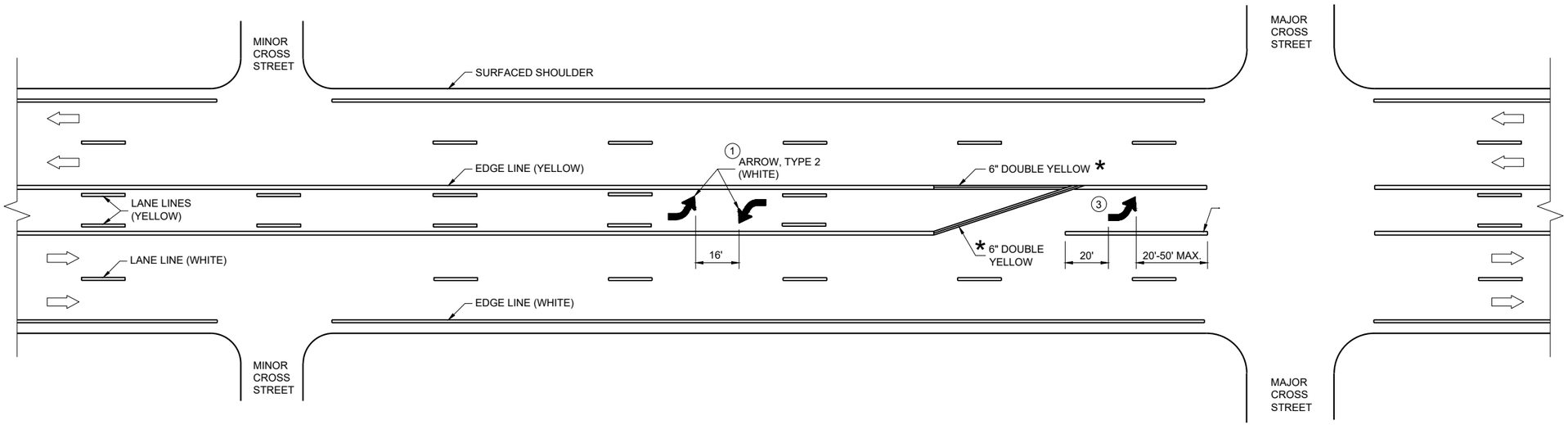
SDD 15C08-24b

GENERAL NOTES

1. A SET OF ARROWS IS REQUIRED EVERY 400 FEET OR NEAR INTERSECTIONS OR DRIVEWAYS WITH TURNING TRAFFIC.
2. 10" WHITE
3. TURN BAY LENGTH OF LESS THAN 48' DOES NOT REQUIRE PAVEMENT ARROWS OR TEXT.

⇨ DIRECTION OF TRAFFIC

*CONFIRM MARKING LINE WIDTH WITH THE MISCELLANEOUS QUANTITIES



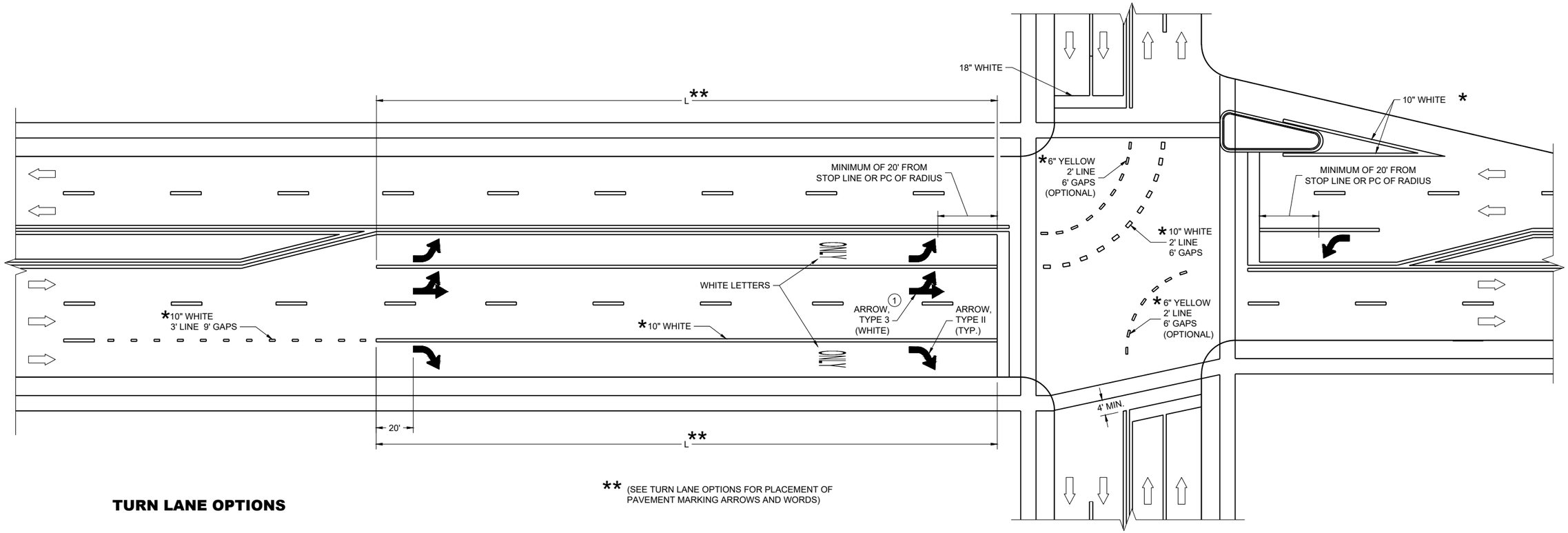
TWO WAY LEFT TURN LANE

PAVEMENT MARKING (TURN LANES)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

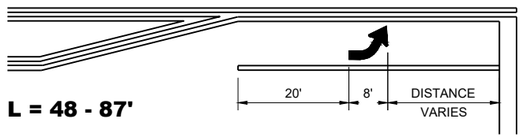
SDD 15C08-24c



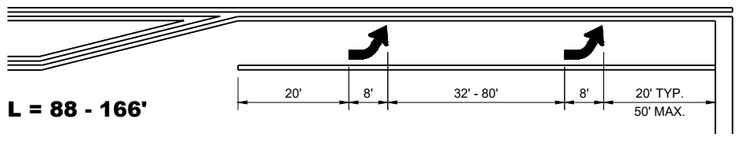
** (SEE TURN LANE OPTIONS FOR PLACEMENT OF PAVEMENT MARKING ARROWS AND WORDS)

TURN LANE OPTIONS

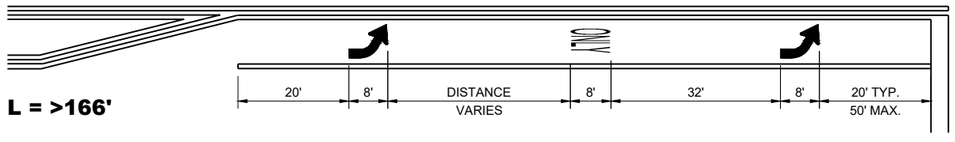
LENGTH OF TURN BAY (**L**) OF 0 - 47' DOES NOT REQUIRE PAVEMENT MARKING ARROWS OR WORDS



L = 48 - 87'



L = 88 - 166'



L = >166'

GENERAL NOTES

1. QUANTITY AND LOCATION OF TYPE 3 ARROWS ARE THE SAME AS THE TYPE II ARROWS IN THE ADJACENT TURN LANE. FOR TURN LANES WITH A PHYSICAL SEPARATION IN THE SAME DIRECTION OF TRAVEL, THE ARROWS AND "ONLY" MARKING MAY BE ELIMINATED.

DIRECTION OF TRAFFIC

L = LENGTH OF TURN BAY

*CONFIRM MARKING LINE WIDTH WITH THE MISCELLANEOUS QUANTITIES

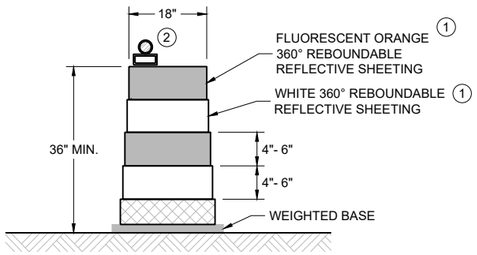
PAVEMENT MARKING (TURN LANES)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

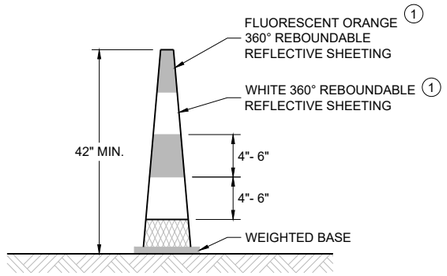
(1) REFLECTIVE SHEETING SHALL FOLLOW THE REQUIREMENTS IN THE APPROVED PRODUCTS LISTING FOR SIGN SHEETING.

(2) LOCATION OF WARNING LIGHTS WHEN SHOWN ON THE PLAN.



DRUM

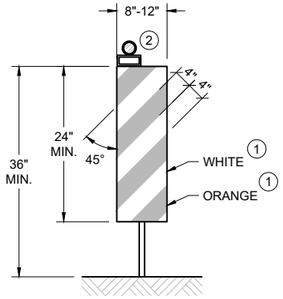
BALLAST WIDTHS
RANGE FROM 24"-36"



42" CONE

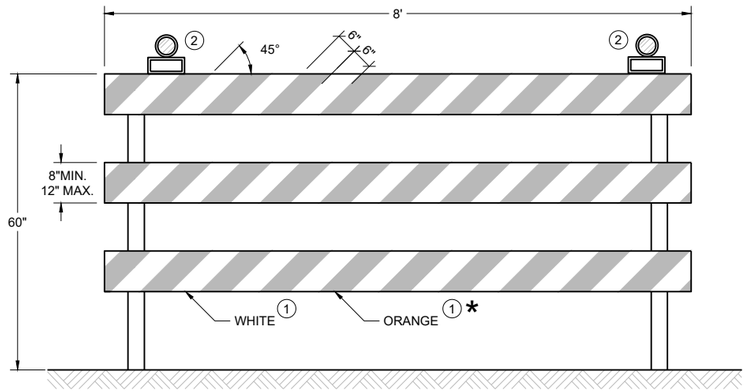
DO NOT USE IN TAPERS
½ SPACING OF DRUMS

BALLAST WIDTHS
RANGE FROM 14"-20"



VERTICAL PANEL

THE STRIPES SHALL SLOPE DOWNWARD TO
THE TRAFFIC SIDE FOR CHANNELIZATION.



TYPE III BARRICADE

IF SIGN MOUNTED, DO NOT COVER MORE THAN 50% OF THE TOP TWO RAILS OR 33% OF THE TOTAL AREA OF THE THREE RAILS.

* IF USED FOR A PERMANENT APPLICATION USE RED SHEETING.

CHANNELIZING DEVICES
DRUMS, CONES, BARRICADES
AND VERTICAL PANELS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
February 2026 — DATE
/S/ Andrew Heidtke — WORK ZONE ENGINEER

FHWA

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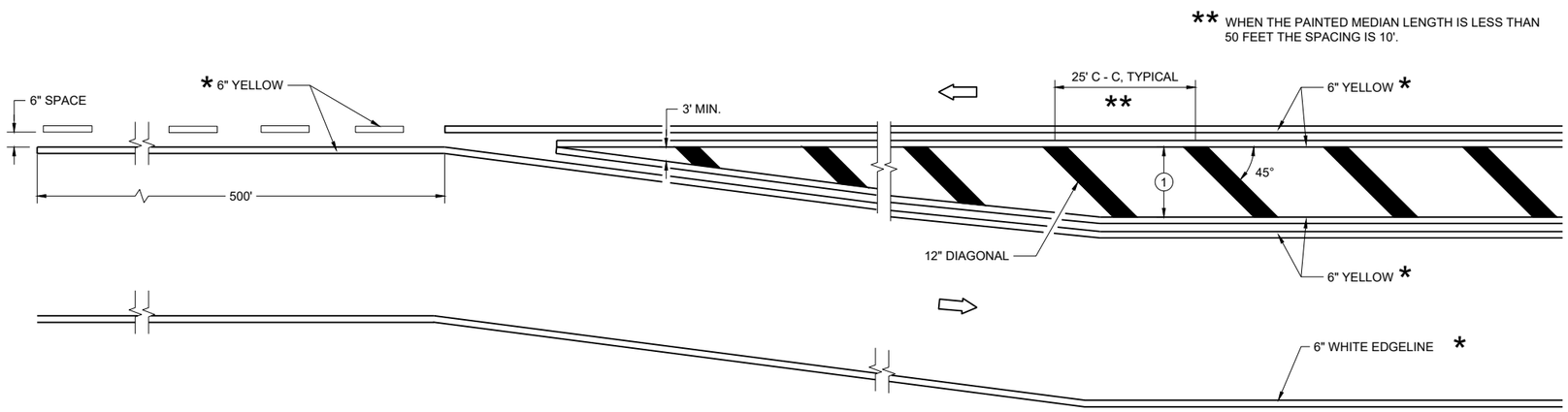
SDD 15C11-11b



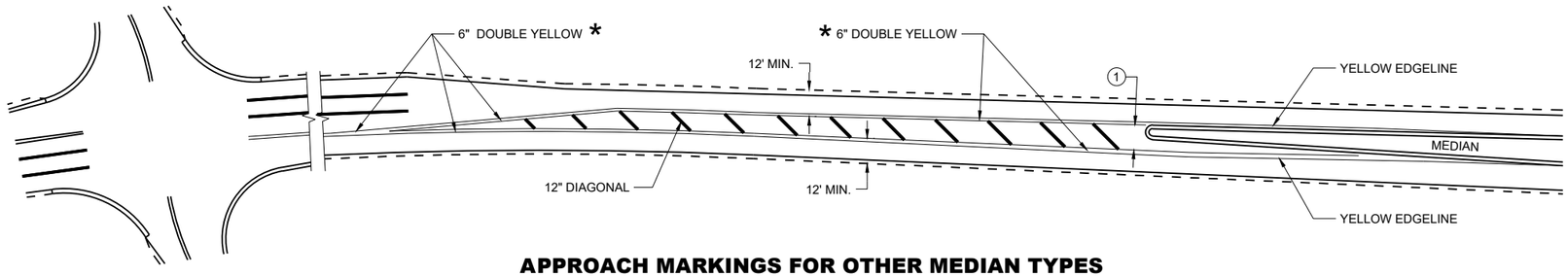
MEDIAN ISLAND DETAIL

GENERAL NOTES

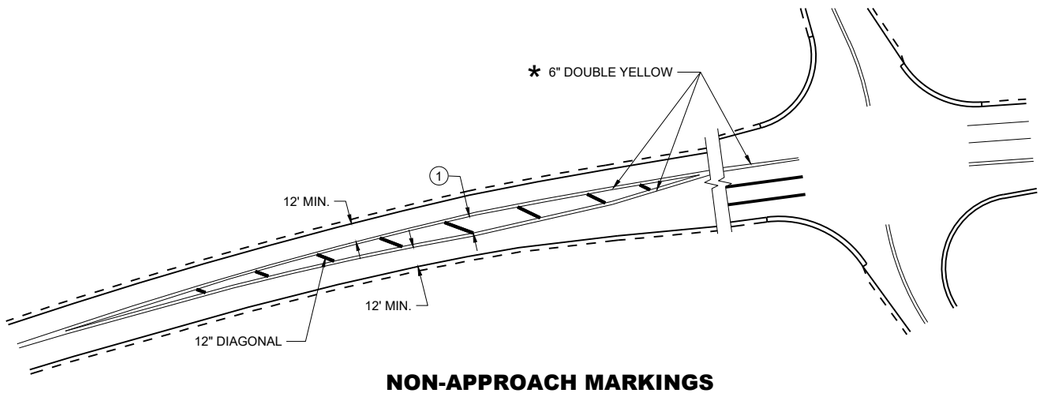
(1) DIAGONALS ARE OPTIONAL WHEN PAINTED ISLAND IS LESS THAN 6 FEET AT THE WIDEST POINT. OMIT DIAGONALS IF WIDTH IS LESS THAN 4 FEET.

DIRECTION OF TRAVEL

*CONFIRM MARKING LINE WIDTH WITH THE MISCELLANEOUS QUANTITIES



APPROACH MARKINGS FOR OTHER MEDIAN TYPES



NON-APPROACH MARKINGS

MEDIAN ISLAND PAVEMENT MARKINGS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
August 2024
DATE

/S/ Jeannie Silver
Statewide Pavement Marking Engineer

FHWA

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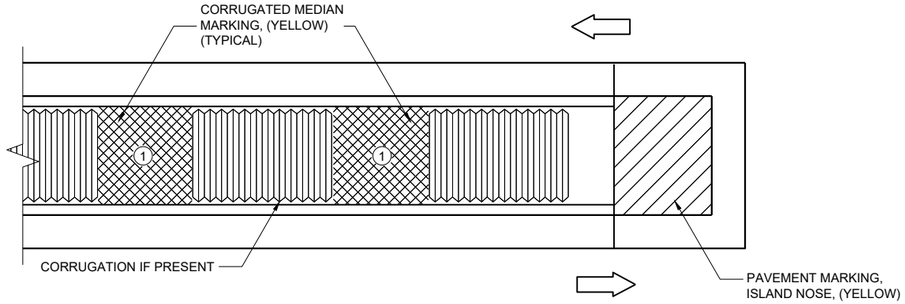
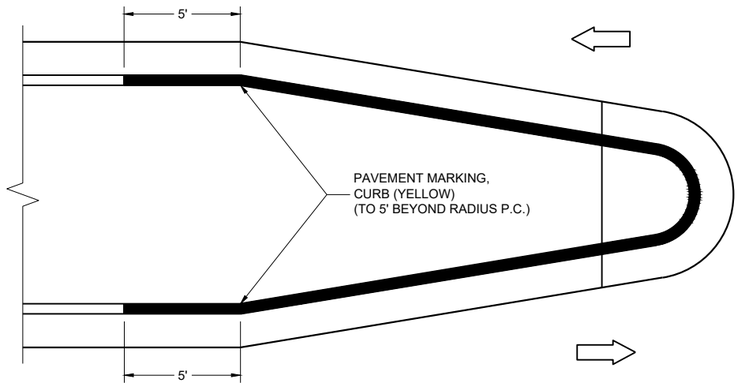
SDD 15C18-09a

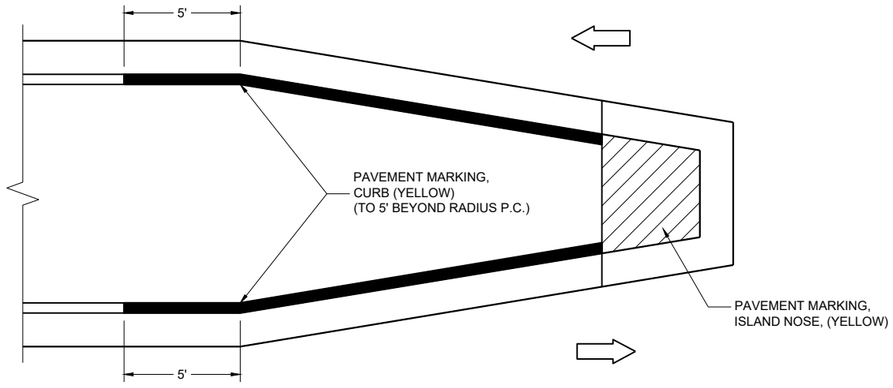
SDD 15C18-09a



MEDIAN ISLAND WITH SQUARE BLUNT NOSE



MEDIAN ISLAND WITH ROUND BLUNT NOSE



MEDIAN ISLAND WITH SLOPED NOSE

TYPICAL PLACEMENT OF PAVEMENT MARKING ON MEDIAN ISLANDS

GENERAL NOTES

WHEN CONCRETE CORRUGATED MEDIAN IS CONSTRUCTED TO SEPARATE TRAFFIC OPERATING IN THE OPPOSING DIRECTION, YELLOW PAVEMENT MARKING SHALL BE APPLIED TO THE FLAT PORTION OF THE CONCRETE CORRUGATED MEDIAN. THE ITEM OF PAVEMENT MARKING, CONCRETE CORRUGATED MEDIAN, WILL BE MEASURED IN PLACE AND ACCEPTED IN ACCORDANCE WITH THE CONTRACT AND PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE FOOT.

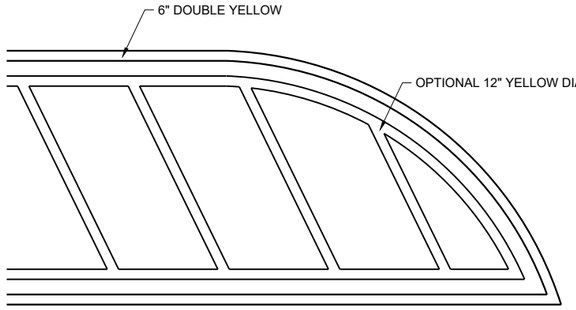
(1) APPLY PAVEMENT MARKING TO THE FLAT PORTION OF CORRUGATED MEDIAN.

ISLAND NOSE MARKING

CURB MARKING

CORRUGATED MEDIAN MARKING

DIRECTION OF TRAVEL



FLUSH MEDIAN ISLAND NOSE

PAVEMENT MARKINGS, MEDIAN ISLAND NOSE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
August 2024
DATE

/S/ Jeannie Silver
Statewide Pavement Marking Engineer

FHWA

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SDD 15C18-09b

REQUIREMENTS FOR EDGE LINES		
POSTED SPEED	IS THERE CONTINUOUS LIGHTING?	
	YES	NO
≤ 30 MPH	NO	OPTIONAL
35 OR 40 MPH	OPTIONAL	RECOMMENDED
≥ 45 MPH	RECOMMENDED	REQUIRED

GENERAL NOTES

APPLIES TO ISLANDS AT LEFT TURNS AT ONE WAY ROADWAYS AS WELL.

SEE MISCELLANEOUS QUANTITIES FOR SIGN SIZE.

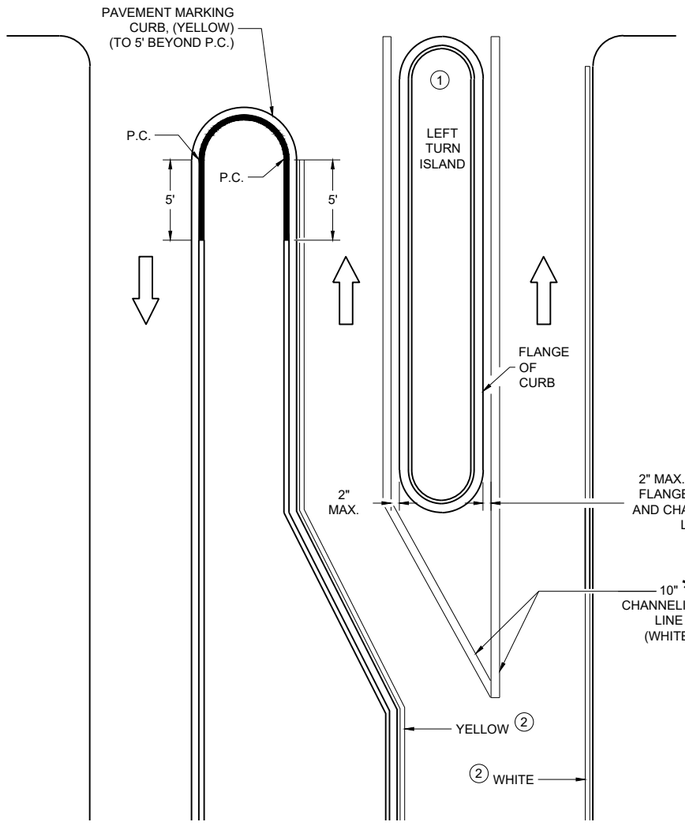
(1) MARK CURB NOSES YELLOW.

(2) MARK ACCORDING TO TABLE.

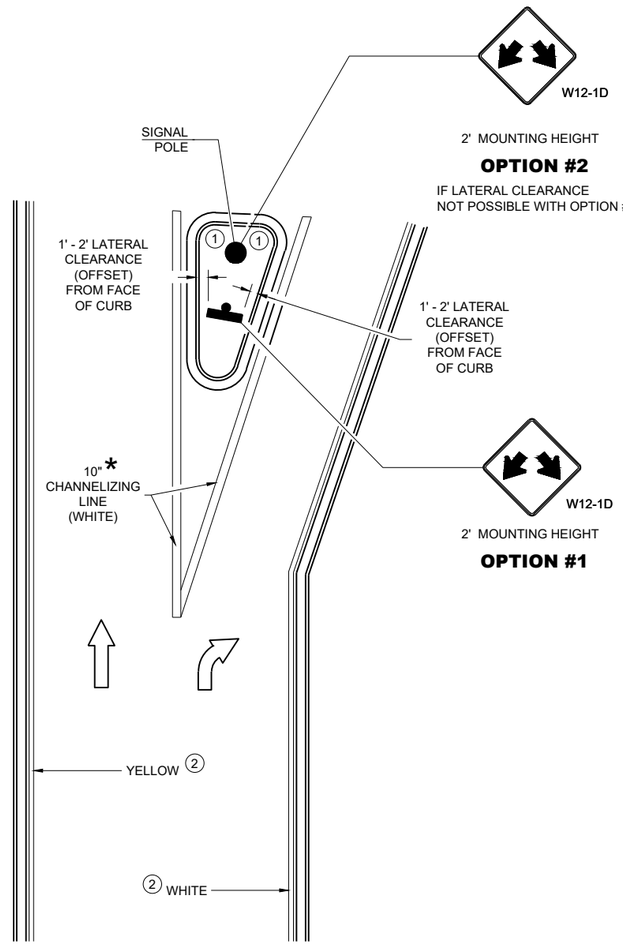
(3) CHEVRON MAY BE OMITTED IF LESS THAN 4" WIDE

DIRECTION OF TRAVEL

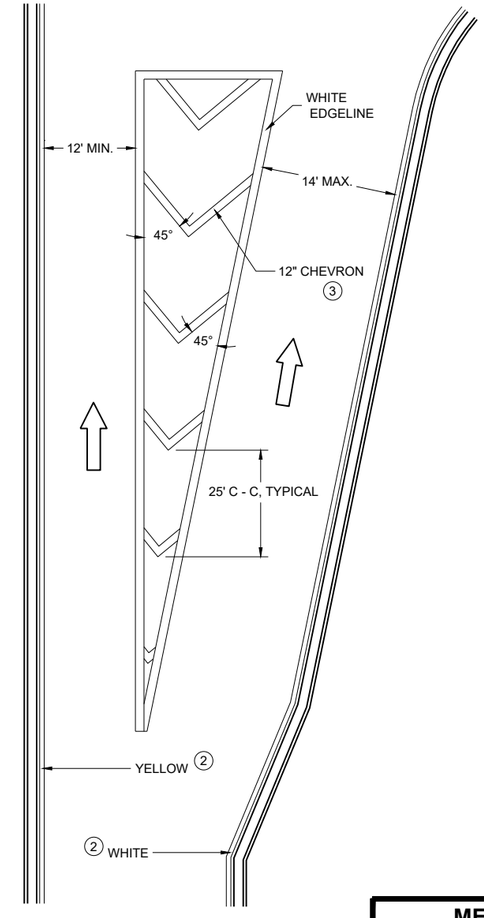
*CONFIRM MARKING LINE WIDTH WITH THE MISCELLANEOUS QUANTITIES



LEFT TURN & MEDIAN ISLAND



RIGHT TURN ISLAND



TURN LANE DETAIL

MEDIAN PAVEMENT MARKINGS, DOUBLE ARROW WARNING SIGN PLACEMENT

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
August 2024
DATE

/S/ Jeannie Silver
Statewide Pavement Marking Engineer

FHWA

6

SDD 15C18-09c

6

SDD 15C18-09c

LEGEND

V1 MARKING VEHICLE

V2 SHADOW VEHICLE

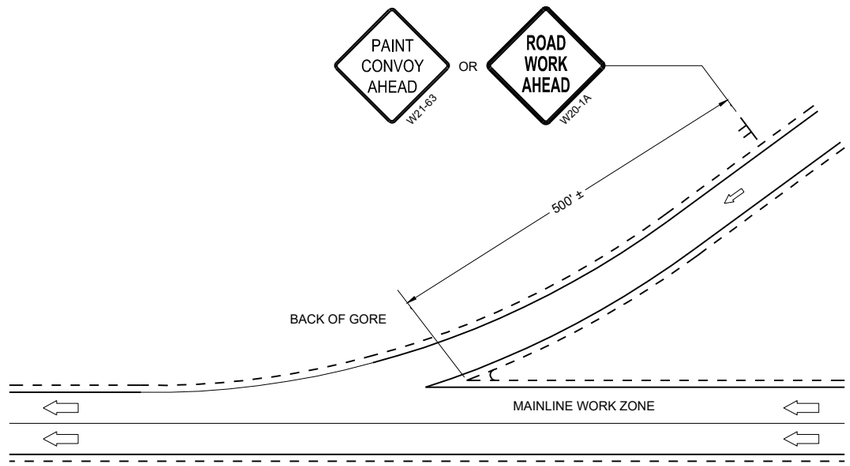
V3 TRAIL VEHICLE

TRUCK MOUNTED ATTENUATOR (TMA)

SIGN ON TEMPORARY SUPPORT

DIRECTION OF TRAFFIC

ARROW PANEL (CAUTION)



GENERAL NOTES

ALL VEHICLES SHALL BE EQUIPPED WITH TWO 360 DEGREE HIGH INTENSITY YELLOW FLASHING LIGHTS OR STROBE LIGHTS AND OPERATED WITH HEADLIGHTS TURNED ON.

ALL VEHICLES SHALL BE EQUIPPED WITH REAR FACING TYPE B OR C FLASHING ARROW PANEL. SIGNS PLACED ON VEHICLES MUST NOT OBSCURE THE ARROW PANEL.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE SPECIFIED.

DISTANCE BETWEEN VEHICLES MAY VARY ACCORDING TO TERRAIN, SIGHT DISTANCE, PAINT DRYING TIME, AND OTHER FACTORS. WHENEVER ADEQUATE STOPPING SIGHT DISTANCE EXISTS TO THE REAR, SHADOW VEHICLES SHOULD MAINTAIN THE MINIMUM DISTANCE FROM THE WORK VEHICLE AND PROCEED AT THE SAME SPEED AS THE WORK VEHICLE. SHADOW VEHICLES SHOULD SLOW DOWN IN ADVANCE OF VERTICAL AND HORIZONTAL CURVES THAT RESTRICT SIGHT DISTANCE.

WHEN WORK ACTIVITY BLOCKS THE LEFT LANE, REVERSE TRAFFIC CONTROL.

WHEN A RAMP INTERSECTS THE FACILITY ON WHICH THE WORK IS BEING PERFORMED, PROVIDE ADDITIONAL TRAFFIC CONTROLS AS SPECIFIED IN THE CONTRACT OR AS APPROVED BY THE ENGINEER.

USE AN ATTENUATOR ON THE REARMOST VEHICLE THAT BLOCKS ALL OR PART OF THE TRAFFIC LANE.

IF THE SHOULDER IS TOO NARROW TO ACCOMMODATE THE LAST TRAILING VEHICLE, THE VEHICLE SHOULD STRADDLE THE EDGE LINE.

WHEN NO WORK ACTIVITY IS TAKING PLACE, REMOVE OR LAY STATIONARY SIGNS AND SUPPORTS FLAT ON THE GRADE WITH UPRIGHTS ORIENTED PARALLEL TO AND DOWNSTREAM FROM TRAFFIC

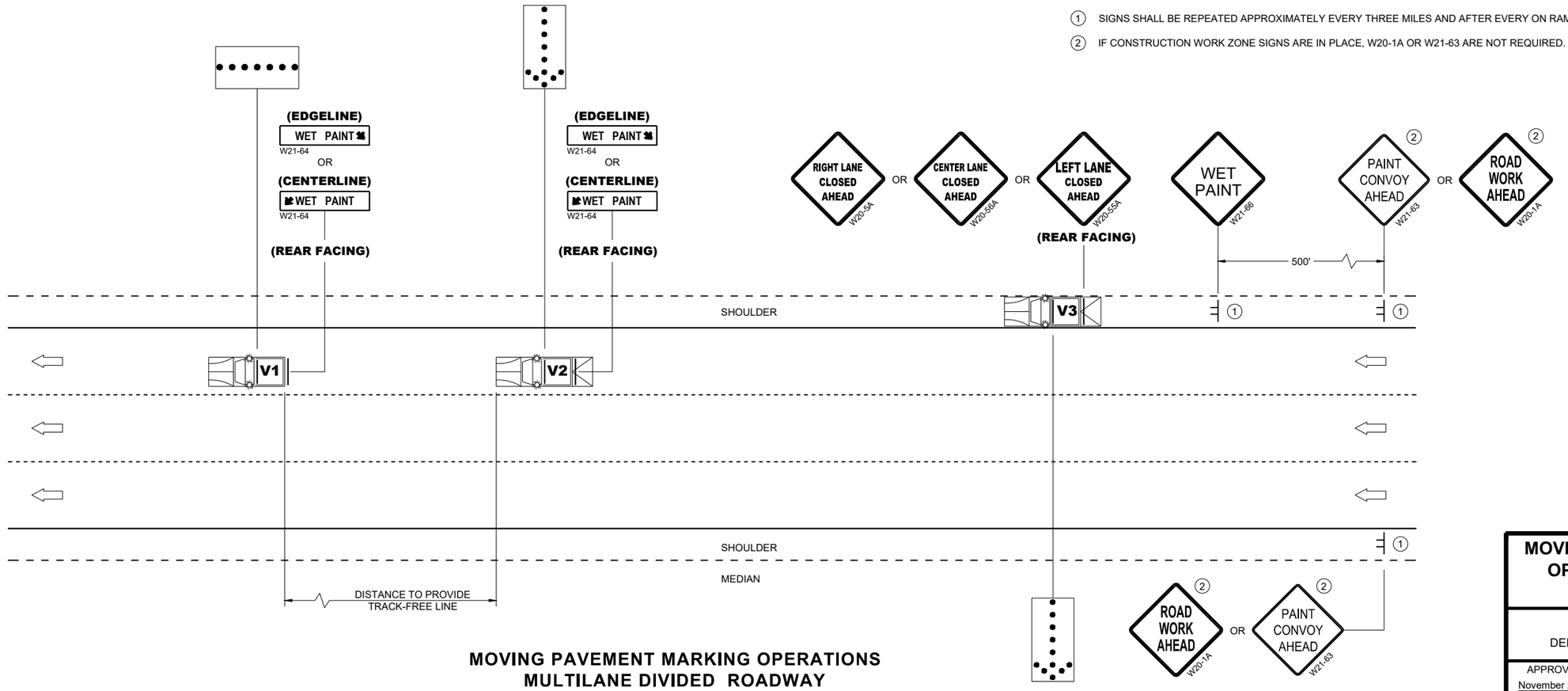
CONES SHOULD BE USED BETWEEN THE MARKING AND SHADOW VEHICLE AT 100 FOOT SPACING. CONES MAY BE OMITTED ON PAINTED LINE IF APPROVED BY THE ENGINEER. CONSIDER PAVEMENT MARKING DRY OR CURE TIMES AND TRAFFIC VOLUME.

CONES SHALL BE A MINIMUM HEIGHT OF 28" FOR WET PAVEMENT MARKINGS

WORKERS SHALL NOT PERFORM WORK FROM ANY SHADOW OR PROTECTION VEHICLES.

(1) SIGNS SHALL BE REPEATED APPROXIMATELY EVERY THREE MILES AND AFTER EVERY ON RAMP.

(2) IF CONSTRUCTION WORK ZONE SIGNS ARE IN PLACE, W20-1A OR W21-63 ARE NOT REQUIRED.



MOVING PAVEMENT MARKING OPERATIONS MULTILANE DIVIDED ROADWAY

MOVING PAVEMENT MARKING OPERATION MULTI-LANE DIVIDED ROADWAY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2025 — DATE
/S/ Andrew Heidtke — STATE ELECTRICAL ENGINEER

FHWA

6

SDD 15C19-11c

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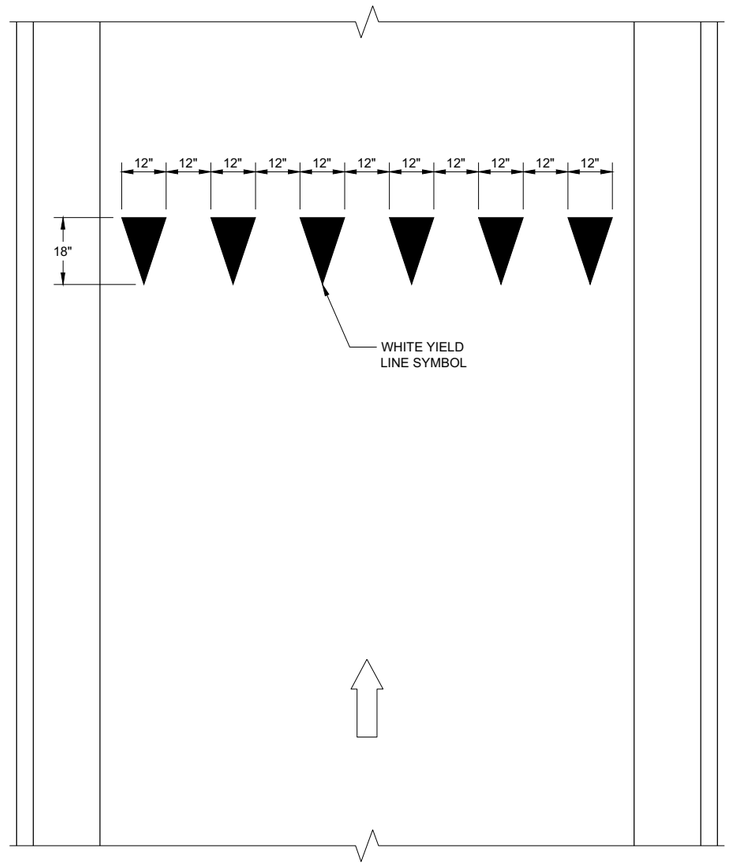
SDD 15C19-11c

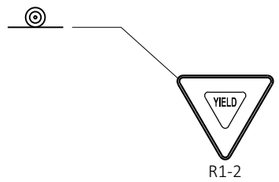


YIELD LINE

LEGEND

SIGN ON PERMANENT SUPPORT

DIRECTION OF TRAVEL



R1-2

YIELD MARKINGS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

4-81-2016
DATE

/S/ Matthew R. Rauch
STATE SIGNING AND MAR ENGINEER

779

FHWA

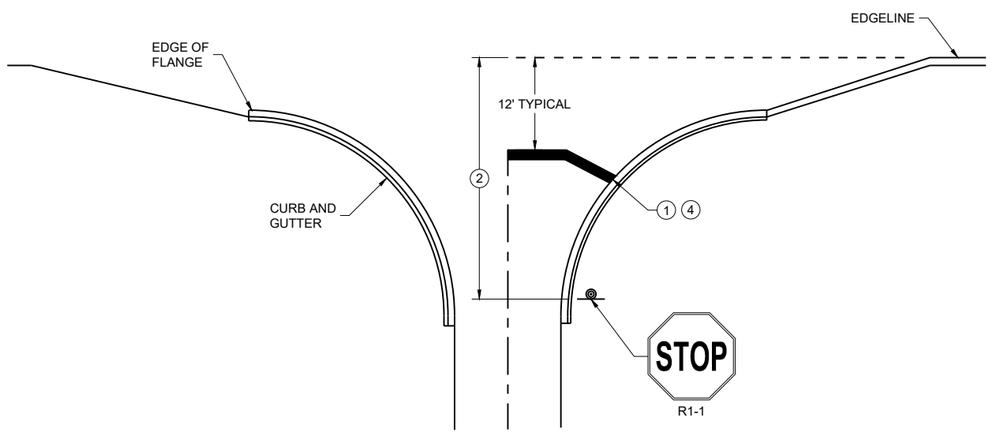
6

SDD 15C20 - 02

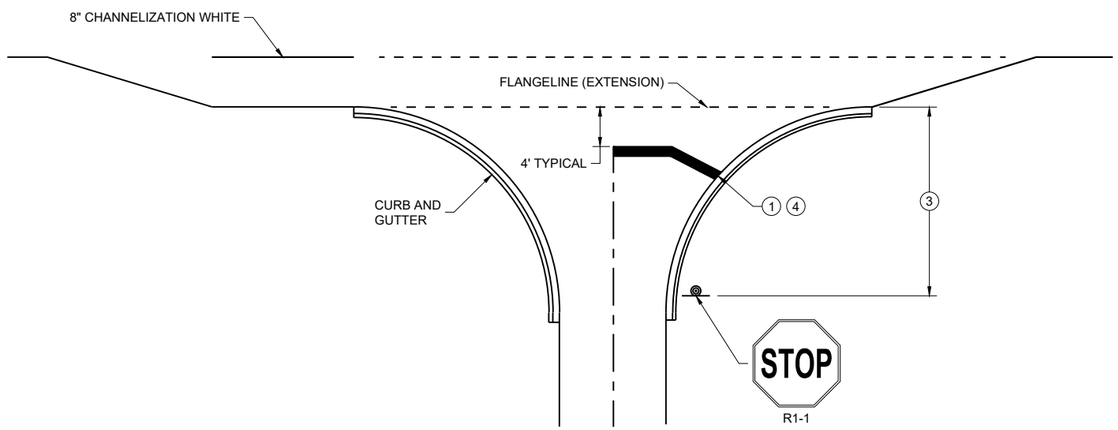
GENERAL NOTES

STOP SIGN SHALL BE PLACED A MINIMUM OF 6 FEET TO A MAXIMUM OF 50 FEET FROM THE EDGELINE LOCATION.

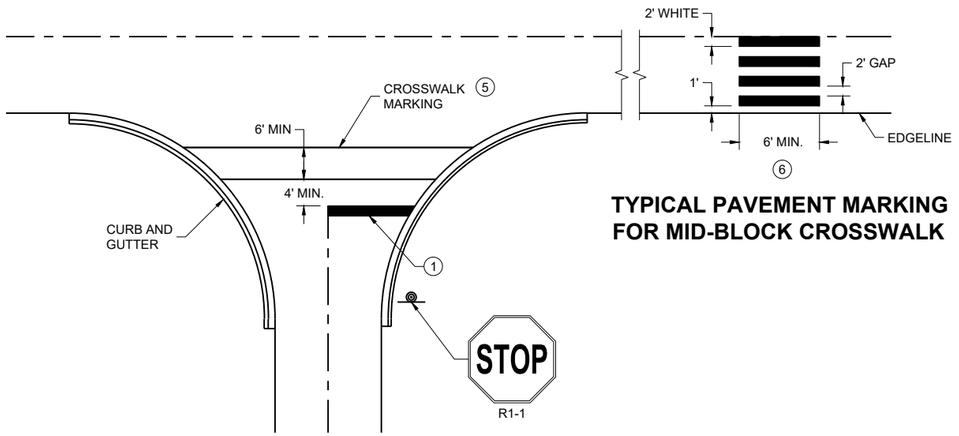
1. 18-INCH STOP LINES MAY BE DELETED OR ADDED BY THE REGION MARKING ENGINEER BASED ON VISIBILITY AND SIGHT LINES.
2. NO STOP LINE IS REQUIRED IF STOP SIGN IS LESS THAN OR EQUAL TO 40 FEET FROM THE EDGELINE.
3. NO STOP LINE IS REQUIRED IF STOP SIGN IS LESS THAN OR EQUAL TO 30 FEET FROM THE FLANGE LINE EXTENSION.
4. MOVE CLOSER TO THE EDGE OF TRAVEL LINE AS NEEDED FOR VISIBILITY AND SIGHT LINES (NO CLOSER THAN 4 FEET).
5. LADDER BAR CROSSWALKS SHOULD ONLY BE USED FOR MID BLOCK CROSSINGS. USE 2 - 6" TRANSVERSE LINES.
6. POSTED SPEED LIMITS OF 40 MPH OR GREATER USE A MINIMUM WIDTH OF 8' FOR MIDBLOCK CROSSWALKS



TYPICAL STOP LINE PAVEMENT MARKING WITH CURB AND GUTTER

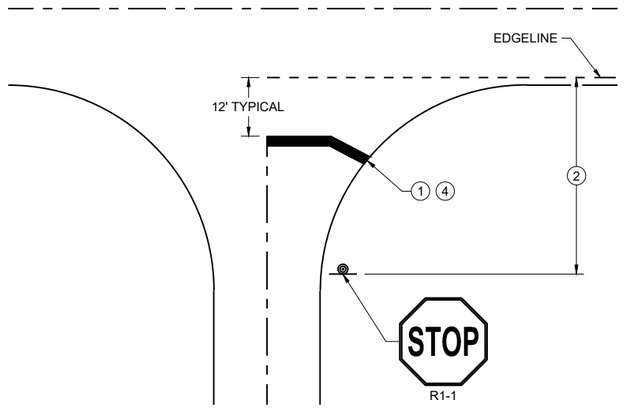


TYPICAL STOP LINE PAVEMENT MARKING FOR SIDE ROADS WITH RIGHT TURN LANE



TYPICAL PAVEMENT MARKING FOR MID-BLOCK CROSSWALK (5)

TYPICAL STOP LINE PAVEMENT MARKING FOR SIDE ROADS WITH CROSSWALK MARKING



TYPICAL STOP LINE PAVEMENT MARKING WITHOUT CURB AND GUTTER

STOP LINE AND CROSSWALK PAVEMENT MARKING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

March 2024 — DATE

/S/ Matthew Rauch — STATE SIGNING AND MARKING ENGINEER

FHWA

6

SDD 15C33-05

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SDD 15C33-05

GENERAL NOTES

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

THE SPACING BETWEEN SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A MINIMUM OF 200 FEET (500 FEET DESIRABLE) CLEARANCE TO EXISTING SIGNS.

THIS LANE CLOSURE IS TYPICAL FOR CLOSING RIGHT LANE - REVERSE FOR CLOSING LEFT LANE.

ALL SIGNS ARE 48" x 48" UNLESS OTHERWISE NOTED.

"WO" IS THE SAME AS "W" EXCEPT THE BACKGROUND IS ORANGE.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED OR AS APPROVED BY THE ENGINEER.

FOR A LANE CLOSURE THAT IS IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS, THE ADVANCED WARNING SIGNS MAY BE MOUNTED ON PORTABLE SUPPORTS.

REMOVE PAVEMENT MARKINGS AND PLACE TEMPORARY PAVEMENT MARKING LINE IF LANE CLOSURE IS TO BE IN PLACE 4 OR MORE CONTINUOUS DAYS AND NIGHTS.

IF THE HORIZONTAL ALIGNMENT IS SUCH THAT A CURVE MAY REQUIRE ADDITIONAL DELINEATION, THE DEVICE SPACING MAY BE DECREASED TO 50 FEET.

WARNING LIGHTS ARE NOT REQUIRED IF THE LANE CLOSURE IS A DAYTIME ONLY OPERATION.

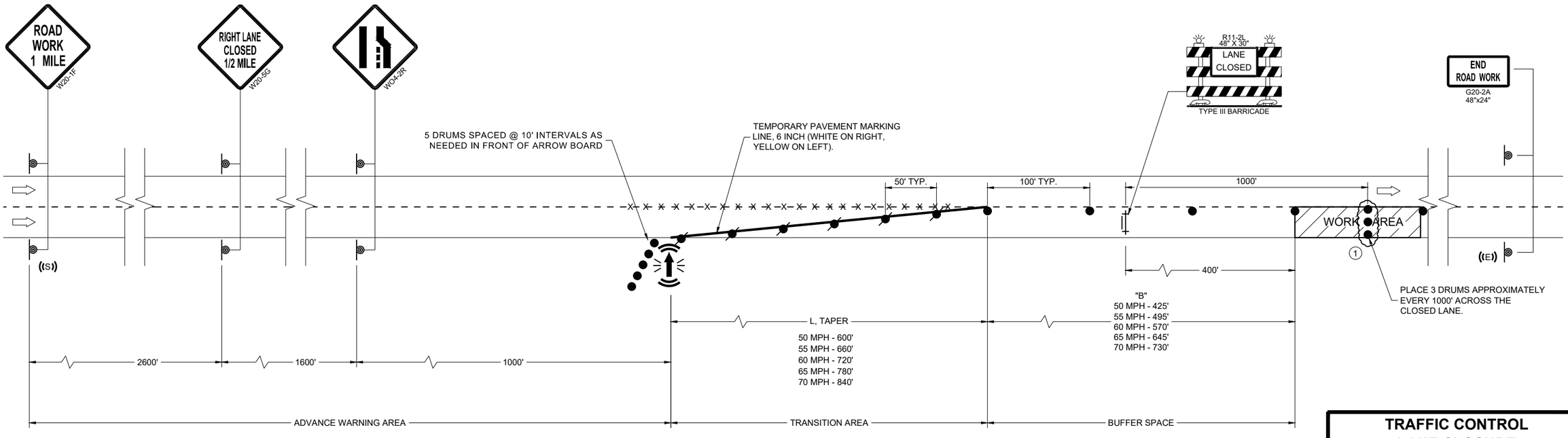
ADJUSTMENTS IN BUFFER SPACE NEED TO BE INCORPORATED WHEN THE LANE CLOSURE OCCURS NEAR AN INTERCHANGE EXIT OR ENTRANCE RAMP OR INTERSECTION. THE LANE CLOSURE MUST TAKE PLACE FAR ENOUGH IN ADVANCE OF AN EXIT OR ENTRANCE RAMP TO STILL ALLOW FOR ADEQUATE BUFFER SPACE. THE MINIMUM LENGTH OF THE BUFFER SPACE BEFORE AN EXIT RAMP SHOULD BE ONE HALF THE LENGTH OF THE TRANSITION AREA. THE ENTRANCE RAMP SHOULD BE FOLLOWED BY THE ORIGINAL BUFFER SPACE LENGTH OF 800 FEET DESIRABLE PRIOR TO ANOTHER TRAFFIC CONTROL CHANGE SUCH AS A CROSSOVER MANEUVER.

CONSIDER ROADWAY GEOMETRICS WHEN LOCATING SIGNS AND ARROW BOARD SO THE DRIVER HAS A CLEAR VIEW OF THE ARROW BOARD AND LANE CLOSURE DRUMS.

(1) DRUMS IN A CLOSED LANE THAT MUST BE MOVED FOR A WORK OPERATION SHALL BE IMMEDIATELY REESTABLISHED UPON COMPLETION OF THE OPERATION, OR FOR CONTINUING OPERATIONS, AT THE END OF EACH WORKING DAY.

LEGEND

- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE "C" STEADY BURN LIGHT
- TYPE III BARRICADE WITH ATTACHED SIGN
- TYPE "A" WARNING LIGHT (FLASHING)
- REMOVING PAVEMENT MARKINGS
- DIRECTION OF TRAFFIC
- WORK AREA
- CONNECTED ARROW BOARD
- (S) WZ START LOCATION MARKER
- (E) WZ END LOCATION MARKER



TRAFFIC CONTROL LANE CLOSURE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2025 — DATE
/S/ Andrew Heidtke — ROADWAY STANDARDS DEVELOPMENT UNIT SUPERVISOR

FHWA

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SDD 15D12-16a

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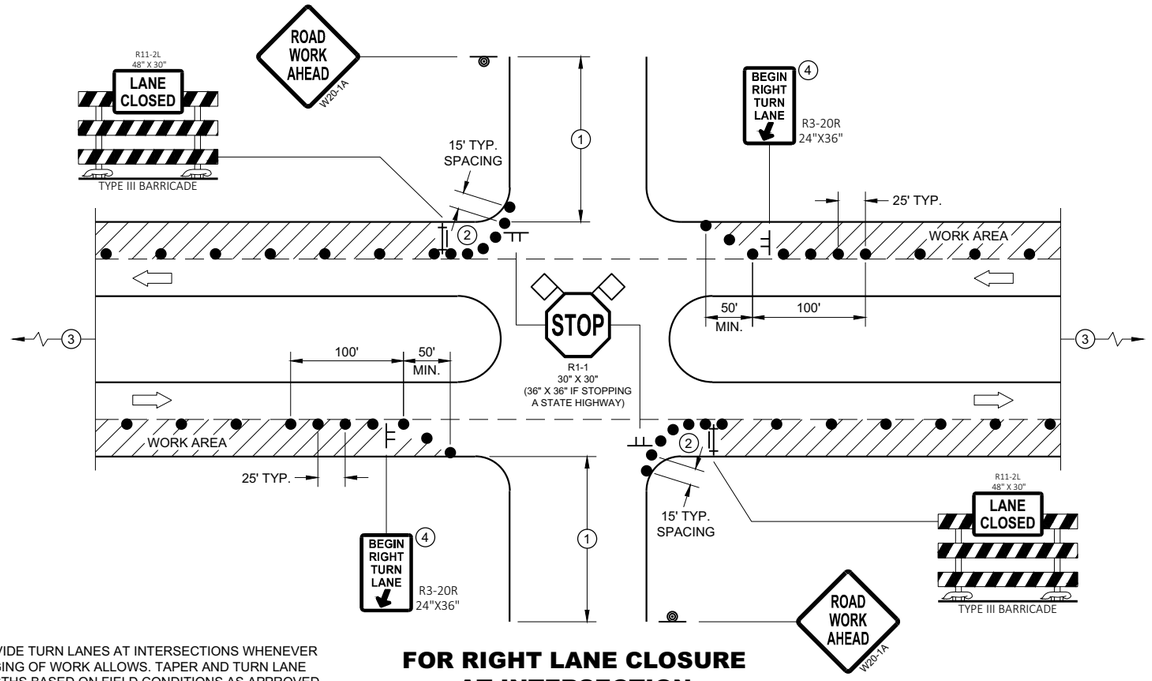
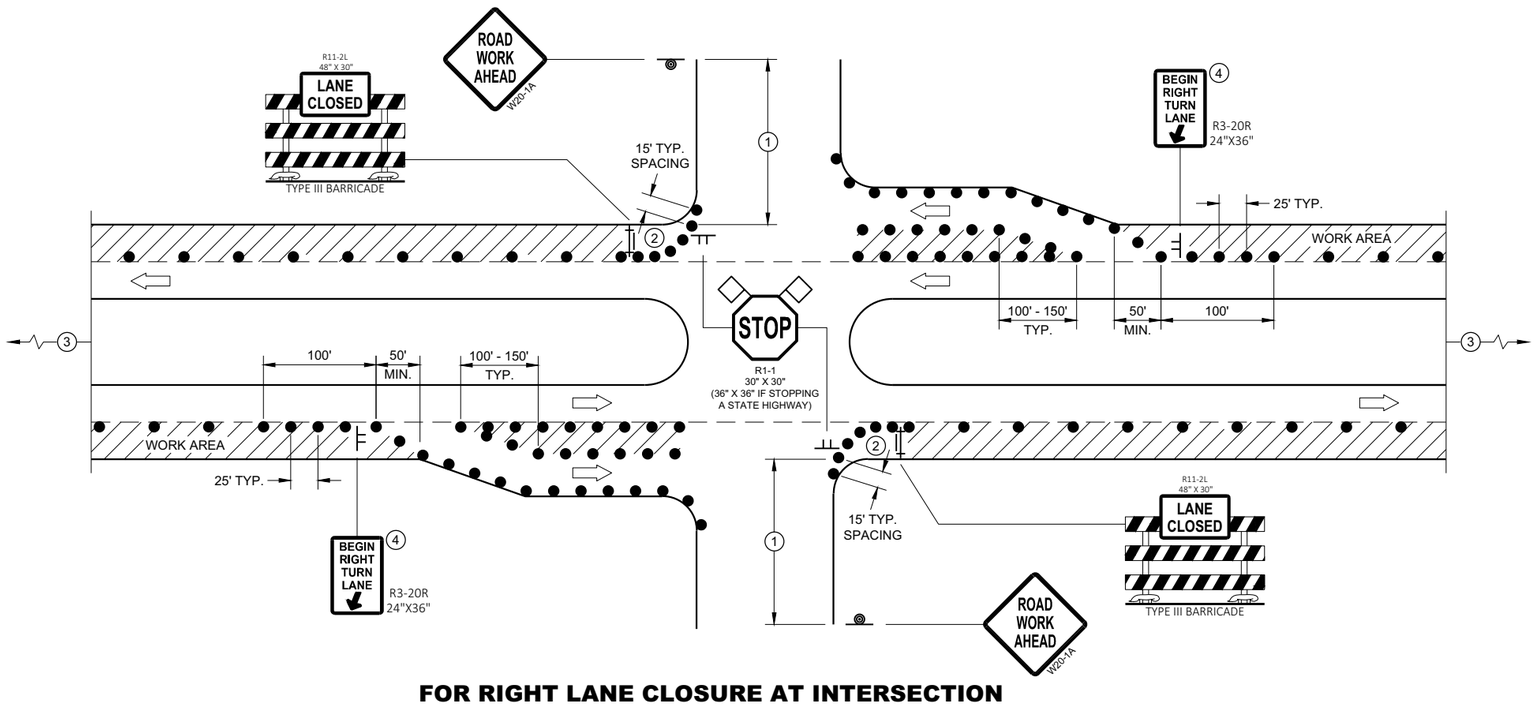
SDD 15D12-16a



FOR RIGHT LANE CLOSURE AT INTERSECTION

PROVIDE TURN LANES AT INTERSECTIONS WHENEVER STAGING OF WORK ALLOWS. TAPER AND TURN LANE LENGTHS BASED ON FIELD CONDITIONS AS APPROVED BY THE ENGINEER.



FOR RIGHT LANE CLOSURE AT INTERSECTION (WITH RIGHT TURN BAY OPEN)

GENERAL NOTES

ALL SIGNS ARE 48"X48" UNLESS OTHERWISE NOTED. IF NECESSARY DUE TO SPACE CONSTRAINTS IN URBAN AREAS, 36" X 36" MAY BE USED IF APPROVED BY THE DISTRICT TRAFFIC UNIT.

"WO" SIGN IS THE SAME AS "W" SIGN EXCEPT THE BACKGROUND IS ORANGE.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH THE TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER. NO WARNING LIGHTS SHALL BE WORKING ON COVERED OR "DOWNED" SIGNS.

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A MINIMUM OF 200 FEET (500' DESIRABLE) DISTANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE

SIGN LAYOUTS SHALL BE IN ACCORDANCE WITH THE FHWA'S MANUAL OF STANDARD HIGHWAY SIGNS OR THE WISCONSIN STANDARD SIGN PLATES.

SIGNS THAT WILL REMAIN IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS OR THAT WILL BE PLACED IN A CLOSED LANE MAY BE MOUNTED ON PORTABLE SUPPORTS.

BARRICADES IN A CLOSED LANE THAT MUST BE MOVED FOR A WORK OPERATION SHALL BE IMMEDIATELY REESTABLISHED UPON COMPLETION OF THE OPERATION, OR FOR CONTINUING OPERATIONS, AT THE END OF EACH WORKING DAY.

CHANNELIZING DEVICES PLACED ADJACENT TO WORK AREA SHALL BE PULLED BACK FROM THE TRAVEL LANE WHEN WORK IS NOT IN PROGRESS.

(1) 500' TYPICAL OR AT LAST INTERSECTION, WHICHEVER IS CLOSER.
350' IF 35 - 40 MPH.
200' IF 25 - 30 MPH.

(2) ALSO USE BARRICADE AND 15 FOOT TYPICAL DRUM SPACING AT COMMERCIAL DRIVEWAYS

(3) SEE SEPARATE LANE CLOSURE DETAIL FOR ADDITIONAL TRAFFIC CONTROL.

(4) MINIMUM MOUNTING HEIGHT OF 5 FEET FROM EDGE OF PAVEMENT (AT EDGE LINE LOCATION) TO BOTTOM OF SIGN.

LEGEND

- SIGN ON TEMPORARY SUPPORT
- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- TYPE III BARRICADE WITH ATTACHED SIGN
- DIRECTION OF TRAFFIC
- FLAGS, 16" X 16" MIN., ORANGE
- WORK AREA

TRAFFIC CONTROL, INTERSECTION WITHIN SINGLE RIGHT LANE CLOSURE

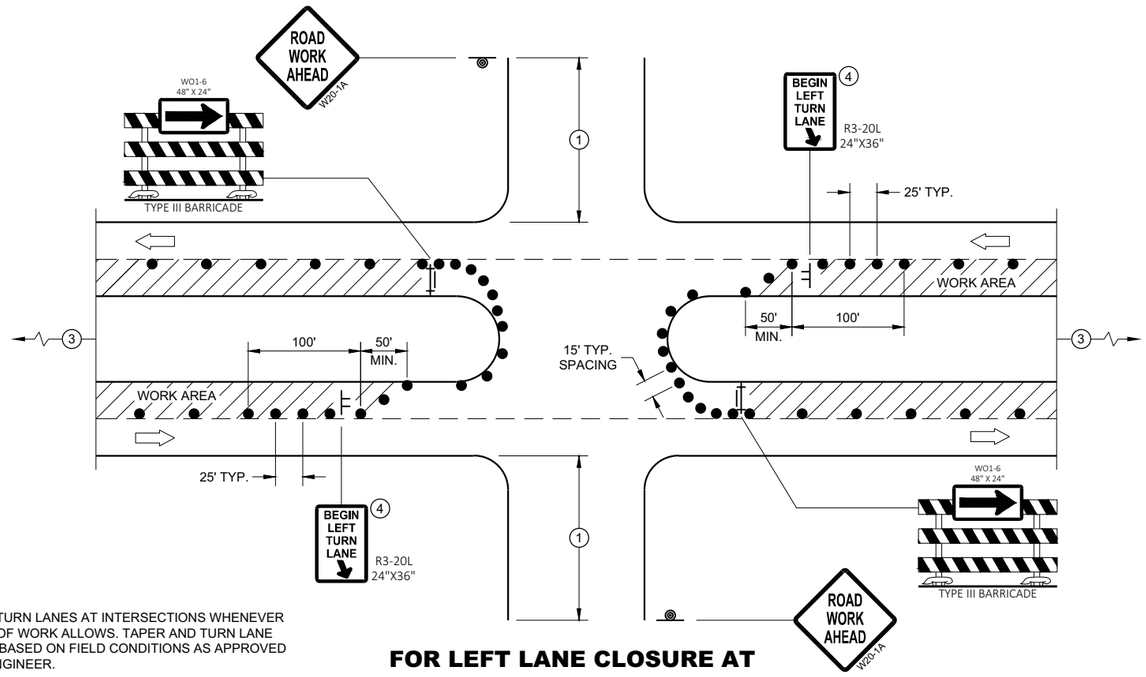
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

SDD 15D21 - 07a

6

SDD 15D21 - 07a



PROVIDE TURN LANES AT INTERSECTIONS WHENEVER STAGING OF WORK ALLOWS. TAPER AND TURN LANE LENGTHS BASED ON FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

FOR LEFT LANE CLOSURE AT INTERSECTION OR MEDIAN OPENING

GENERAL NOTES

ALL SIGNS ARE 48"X48" UNLESS OTHERWISE NOTED. IF NECESSARY DUE TO SPACE CONSTRAINTS IN URBAN AREAS, 36" X 36" MAY BE USED IF APPROVED BY THE DISTRICT TRAFFIC UNIT.

"WO" SIGN IS THE SAME AS "W" SIGN EXCEPT THE BACKGROUND IS ORANGE.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH THE TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER. NO WARNING LIGHTS SHALL BE WORKING ON COVERED OR "DOWNED" SIGNS.

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A MINIMUM OF 200 FEET (500' DESIRABLE) DISTANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE

SIGN LAYOUTS SHALL BE IN ACCORDANCE WITH THE FHWA'S MANUAL OF STANDARD HIGHWAY SIGNS OR THE WISCONSIN STANDARD SIGN PLATES.

SIGNS THAT WILL REMAIN IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS OR THAT WILL BE PLACED IN A CLOSED LANE MAY BE MOUNTED ON PORTABLE SUPPORTS.

BARRICADES IN A CLOSED LANE THAT MUST BE MOVED FOR A WORK OPERATION SHALL BE IMMEDIATELY REESTABLISHED UPON COMPLETION OF THE OPERATION, OR FOR CONTINUING OPERATIONS, AT THE END OF EACH WORKING DAY.

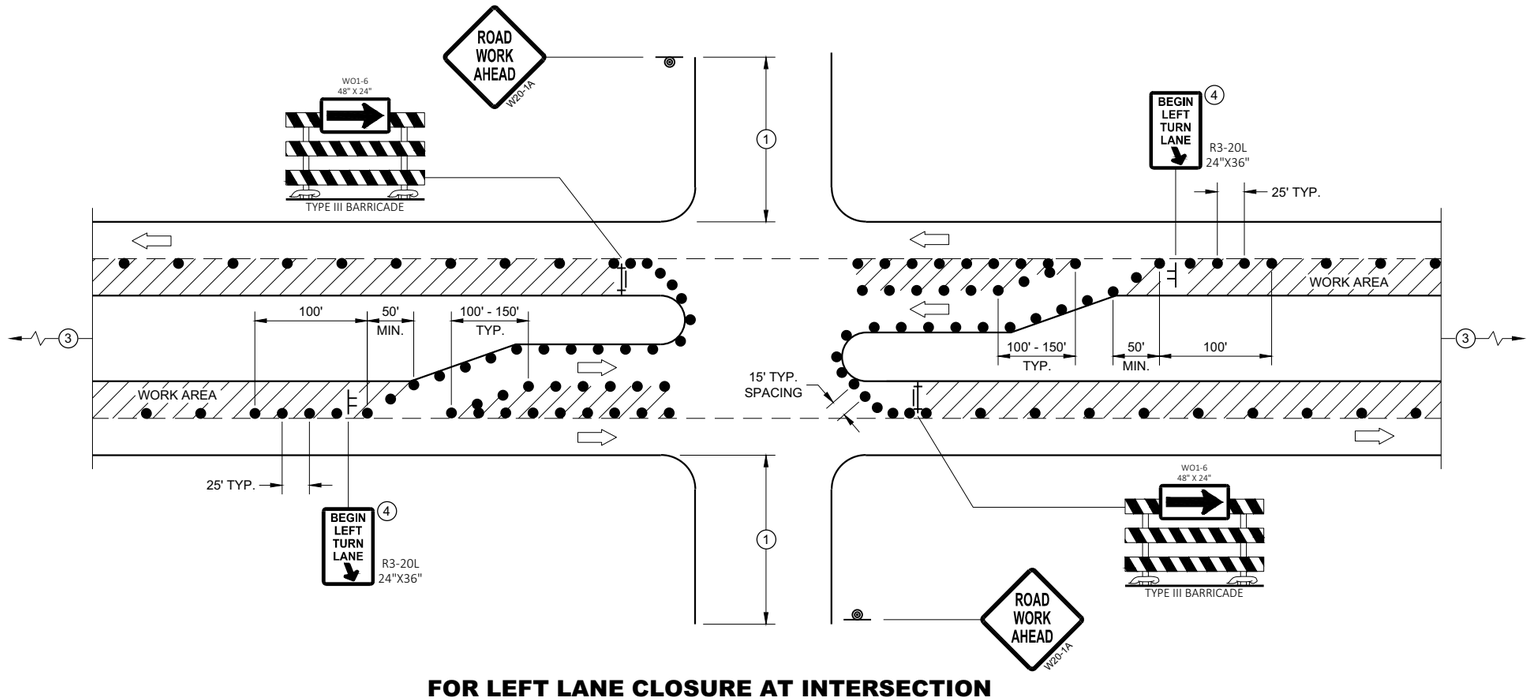
CHANNELIZING DEVICES PLACED ADJACENT TO WORK AREA SHALL BE PULLED BACK FROM THE TRAVEL LANE WHEN WORK IS NOT IN PROGRESS.

(1) 500' TYPICAL OR AT LAST INTERSECTION, WHICHEVER IS CLOSER.
350' IF 35 - 40 MPH.
200' IF 25 - 30 MPH.

(2) ALSO USE BARRICADE AND 15 FOOT TYPICAL DRUM SPACING AT COMMERCIAL DRIVEWAYS

(3) SEE SEPARATE LANE CLOSURE DETAIL FOR ADDITIONAL TRAFFIC CONTROL.

(4) MINIMUM MOUNTING HEIGHT OF 5 FEET FROM EDGE OF PAVEMENT (AT EDGE LINE LOCATION) TO BOTTOM OF SIGN.



FOR LEFT LANE CLOSURE AT INTERSECTION OR MEDIAN OPENING (WITH LEFT TURN BAY OPEN)

LEGEND

- SIGN ON TEMPORARY SUPPORT
- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- TYPE III BARRICADE WITH ATTACHED SIGN
- DIRECTION OF TRAFFIC
- FLAGS, 16" X 16" MIN., ORANGE
- WORK AREA

TRAFFIC CONTROL, INTERSECTION WITHIN SINGLE LEFT LANE CLOSURE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
August 2020
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEE

FHWA

6

SDD 15D21 - 07b

6

SDD 15D21 - 07b

LEGEND

- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- DIRECTION OF TRAFFIC
- CONNECTED ARROW BOARD
- WORK AREA
- (S) WZ START LOCATION MARKER
- (E) WZ END LOCATION MARKER

GENERAL NOTES

THIS DETAIL IS TYPICAL FOR CLOSING THE RIGHT SHOULDER. FOR CLOSING THE LEFT SHOULDER, REVERSE THE TRAFFIC CONTROL.

THIS DETAIL MAY BE USED FOR DIVIDED ROADWAYS WITH ANY NUMBER OF TRAVEL LANES.

ALL SIGNS ARE 48"X48" UNLESS OTHERWISE NOTED.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH THE TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER.

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

WHEN A RAMP OR SIDE ROAD INTERSECTS THE FACILITY ON WHICH THE WORK IS BEING PERFORMED, ADDITIONAL TRAFFIC CONTROLS SHALL BE PROVIDED AS SPECIFIED IN THE PLANS AND/OR SPECIAL PROVISIONS OR AS APPROVED BY THE ENGINEER.

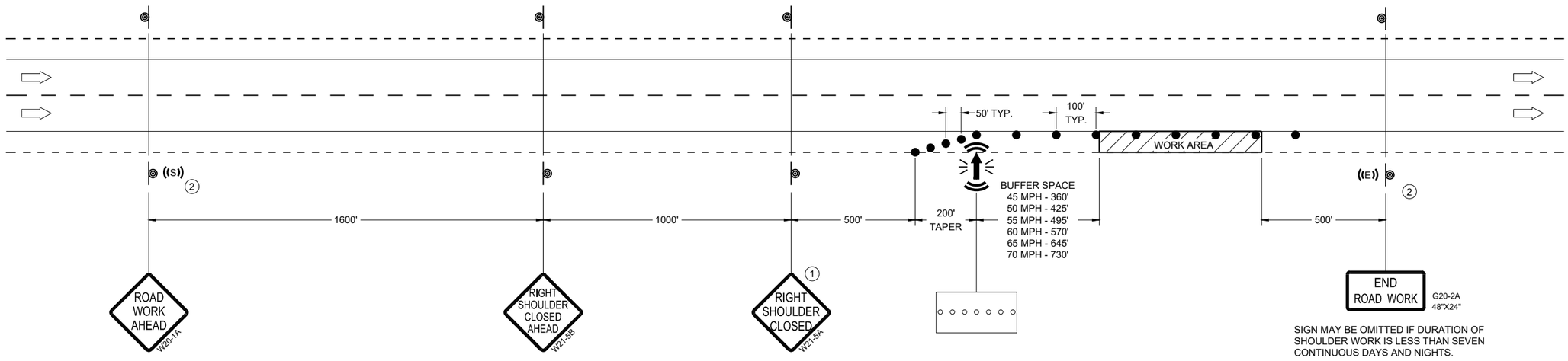
CHANNELIZING DEVICES PLACED ADJACENT TO WORK AREA SHALL BE PULLED BACK FROM THE TRAVEL LANE WHEN WORK IS NOT IN PROGRESS.

SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

SIGN LAYOUTS SHALL BE IN ACCORDANCE WITH THE FHWA'S MANUAL OF STANDARD HIGHWAY SIGNS OR THE WISCONSIN STANDARD SIGN PLATES.

(1) FOR SHORT DURATION SHOULDER WORK OF LESS THAN ONE HOUR THE W21-5A SIGN MAY BE OMITTED.

(2) IF ALREADY PRESENT WITHIN PROJECT , DO NOT INCLUDE ADDITIONAL DEVICE.



SIGN MAY BE OMITTED IF DURATION OF SHOULDER WORK IS LESS THAN SEVEN CONTINUOUS DAYS AND NIGHTS.

TRAFFIC CONTROL, SHOULDER CLOSURE ON DIVIDED ROADWAY, SPEEDS GREATER THAN 40 MPH

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

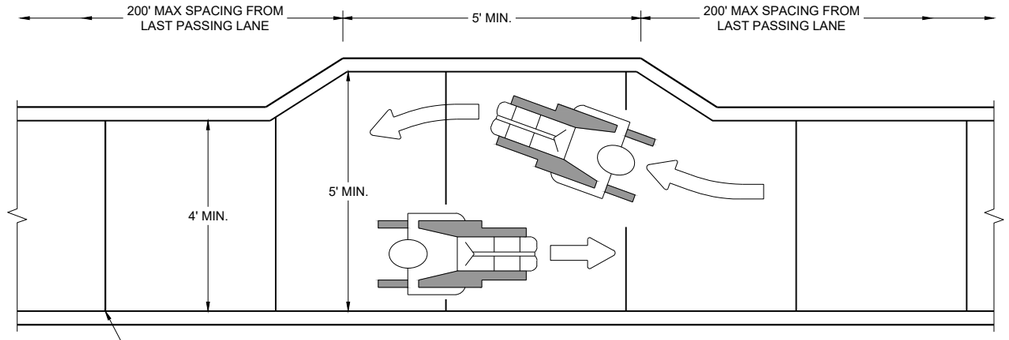
APPROVED

Noveber 2025
DATE

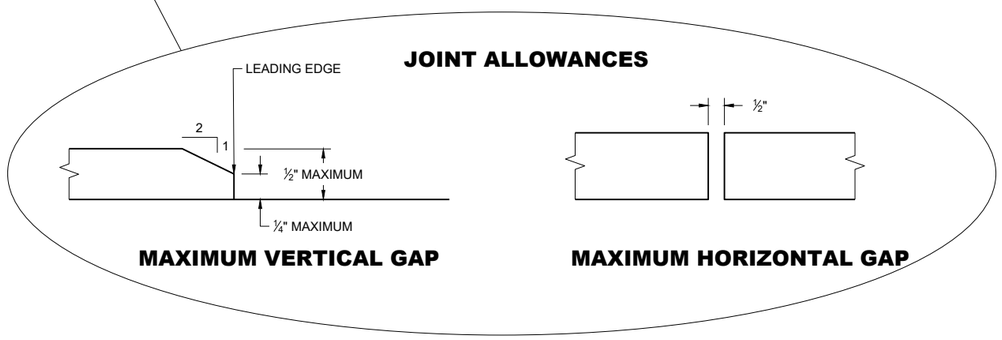
/S/ Andrew Heidtke
STATEWIDE WORK ZONE TRAFFIC SAFETY ENGINEER

FHWA

6
SDD 15D27-05



NARROW SIDEWALK PASSING DETAIL



MAXIMUM VERTICAL GAP

MAXIMUM HORIZONTAL GAP

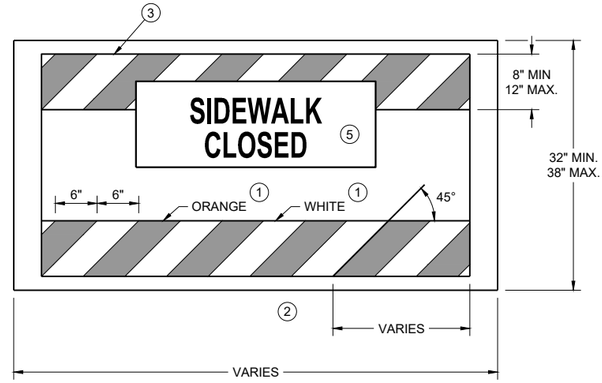
GENERAL NOTES

BARRICADE DEVICE SELECTED FROM APPROVED PRODUCT LIST

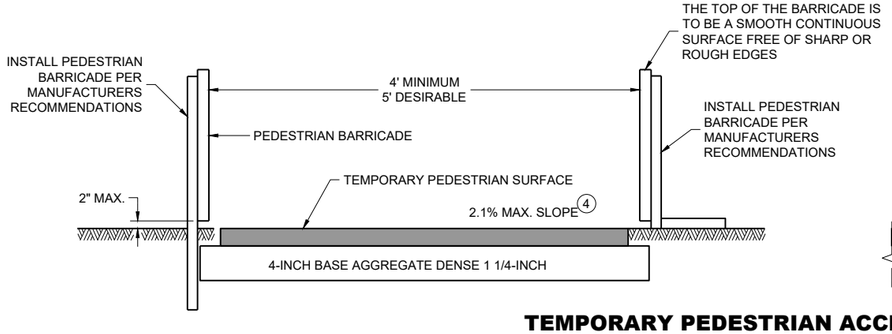
1. REFLECTIVE SHEETING SHALL FOLLOW THE REQUIREMENTS IN THE APPROVED PRODUCTS LISTING FOR SIGN SHEETING.
2. SHEETING REQUIRED ON MORE THAN 50% OF BARRICADE WIDTH.
3. PLACE SHEETING ON BOTH SIDES OF THE BARRICADE.

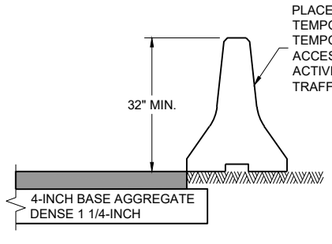
* USE THIS DETAIL FOR SHEETING PLACEMENT REFERENCE.

4. WHEN THE TEMPORARY PEDESTRIAN ACCESS ROUTE RUNS PARALLEL ON THE ROADWAY SURFACE, THE MAXIMUM CROSS SLOPE WILL MATCH THE EXISTING ROADWAY CROSS SLOPE.
5. WHERE SIGNS FOR TEMPORARY PEDESTRIAN ACCOMMODATIONS ARE SHOWN BEING PLACED BEHIND TEMPORARY PEDESTRIAN BARRICADE, THE SIGNS MAY BE MOUNTED ON THE TEMPORARY PEDESTRIAN BARRICADE INSTEAD. A CORRUGATED POLYPROPYLENE OR POLYETHYLENE PLASTIC SIGN BASE SHALL BE USED IF MOUNTED ON THE BARRICADE. THE TOP OF THE SIGN SHALL BE MOUNTED BELOW THE TOP OF THE BARRICADE TO ALLOW A CONTINUOUS HAND-TRAILING EDGE.



TEMPORARY PEDESTRIAN BARRICADE *





TEMPORARY PEDESTRIAN ACCESS

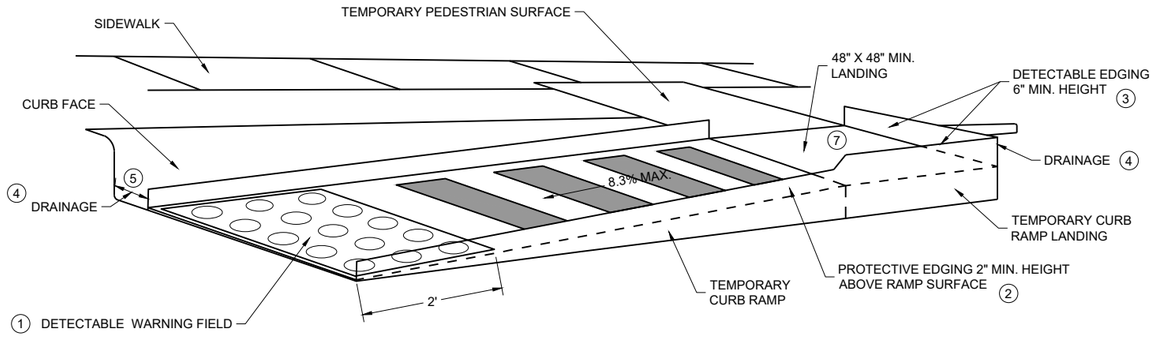
TEMPORARY PEDESTRIAN FLAGGING

LEGEND

- TEMPORARY PEDESTRIAN BARRICADE
- AUDIBLE MESSAGE DEVICE
- TEMPORARY SIGN SUPPORT
- WORK AREA

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



PERSPECTIVE VIEW

GENERAL NOTES

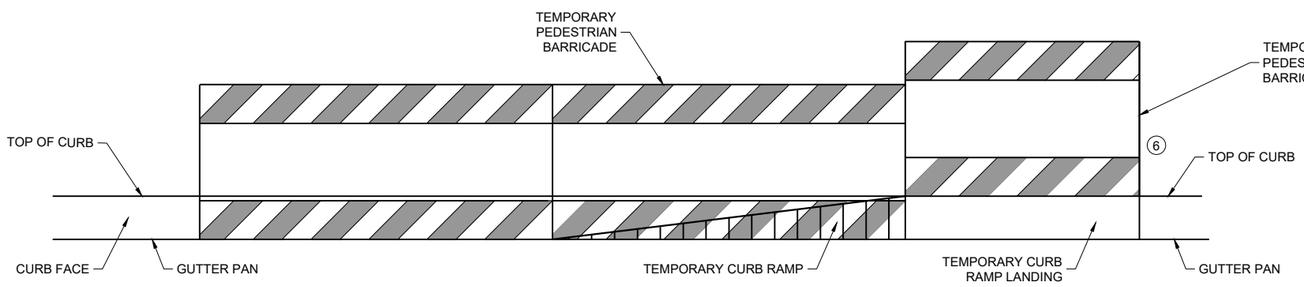
CURB RAMPS SHALL BE 48" MIN. WIDTH WITH A FIRM, STABLE AND SLIP RESISTANT SURFACE.

CURB RAMPS AND LANDINGS SHALL HAVE A 1:48 (2.1%) MAX. CROSS-SLOPE.

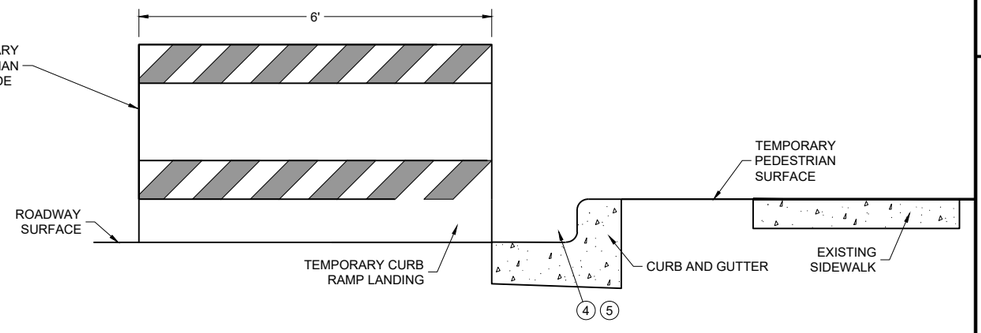
CLEAR SPACE OF 48" X 48" SHALL BE PROVIDED ABOVE AND BELOW THE CURB RAMP. LATERAL JOINTS OR GAPS BETWEEN SURFACES SHALL BE LESS THAN ½" WIDTH.

CHANGES BETWEEN SURFACE HEIGHTS SHALL NOT EXCEED ½". LATERAL EDGES MAY BE VERTICAL UP TO ¼" HIGH AND SHALL BE BEVELED AT 1:2 BETWEEN ¼" AND ½".

1. INSTALL CONTRASTING TEMPORARY DETECTABLE WARNING FIELD AT PEDESTRIAN STREET CROSSINGS, AS SHOWN IN THE PLANS.
2. PROTECTIVE EDGING WITH A 2" MIN. HEIGHT SHALL BE INSTALLED WHEN A CURB RAMP OR LANDING PLATFORM HAS A VERTICAL DROP OF 6" OR GREATER OR HAS A SIDE APRON SLOPE STEEPER THAN 1:3 (33%). PROTECTIVE EDGING SHOULD BE CONSIDERED WHEN CURB RAMPS OR LANDING PLATFORMS HAVE A VERTICAL DROP OF 3" OR MORE.
3. DETECTABLE EDGING WITH 6" MIN. HEIGHT AND CONTRASTING COLOR SHALL BE INSTALLED ON ALL CURB RAMP LANDINGS WHERE THE WALKWAY CHANGES DIRECTION (TURNS).
4. DO NOT RESTRICT WATER FLOW IN THE GUTTER SYSTEM.
5. ENSURE CURB RAMP IS OUT OF THE GUTTER PAN.
6. IF ONLY PART OF THE END PANEL OF TEMPORARY PEDESTRIAN BARRICADE PANEL IS NEEDED, EXTEND EXCESS PORTION OF TEMPORARY PEDESTRIAN BARRICADE PANEL HERE.
7. LANDING TO BE SLOPED A MAXIMUM OF 2.1% IN ALL DIRECTIONS OF PEDESTRIAN TRAVEL.



FRONT VIEW



SIDE VIEW

TEMPORARY CURB RAMP PARALLEL TO CURB

6

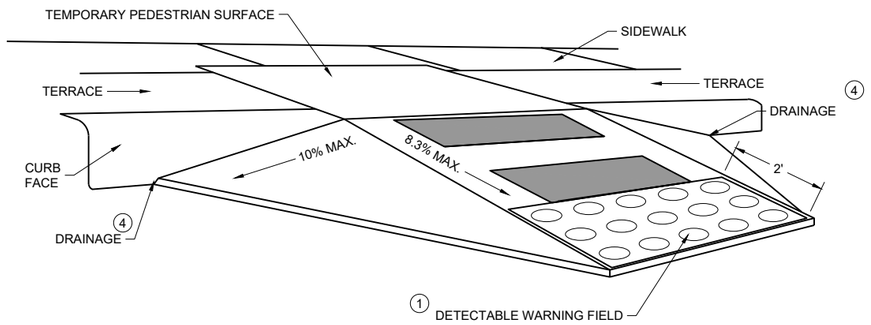
SDD 15D30-12b

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

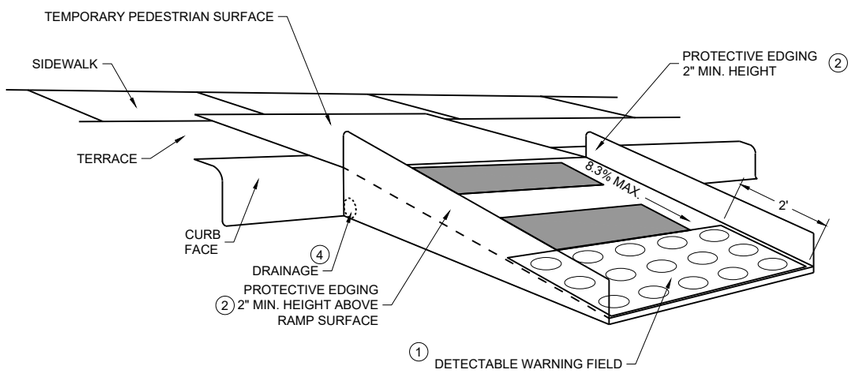
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

SDD 15D30-12b



WITH SIDE APRON (5)



WITH PROTECTIVE EDGE

TEMPORARY CURB RAMP PERPENDICULAR TO CURB

GENERAL NOTES

CURB RAMPS SHALL BE 48" MINIMUM WIDTH WITH A FIRM, STABLE AND SLIP RESISTANT SURFACE.

ALTERNATE SIDEWALK WORK BETWEEN LEFT AND RIGHT SIDE OF ROADWAY TO MAINTAIN PEDESTRIAN ACCESS.

CURB RAMPS AND LANDINGS SHALL HAVE A 1:48 (2.1%) MAX. CROSS-SLOPE.

CLEAR SPACE OF 48" X 48" SHALL BE PROVIDED ABOVE AND BELOW THE CURB RAMP.

LATERAL JOINTS OR GAPS BETWEEN SURFACES SHALL BE LESS THAN ½" WIDTH.

CHANGES BETWEEN SURFACE HEIGHTS SHALL NOT EXCEED ½". LATERAL EDGES MAY BE VERTICAL UP TO ¼" HIGH AND SHALL BE BEVELED AT 1:2 BETWEEN ¼" AND ½".

(1) INSTALL CONTRASTING TEMPORARY DETECTABLE WARNING FIELD AT PEDESTRIAN STREET CROSSINGS, AS SHOWN IN THE PLANS

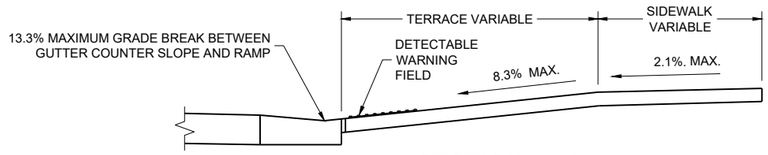
(2) PROTECTIVE EDGING WITH A 2" MIN. HEIGHT SHALL BE INSTALLED WHEN A CURB RAMP OR LANDING PLATFORM HAS A VERTICAL DROP OF 6" OR GREATER OR HAS A SIDE APRON SLOPE STEEPER THAN 1:3 (33%). PROTECTIVE EDGING SHOULD BE CONSIDERED WHEN CURB RAMPS OR LANDING PLATFORMS HAVE A VERTICAL DROP OF 3" OR MORE.

(3) DETECTABLE EDGING WITH 6" MIN. HEIGHT AND CONTRASTING COLOR SHALL BE INSTALLED ON ALL CURB RAMP LANDINGS WHERE THE WALKWAY CHANGES DIRECTION (TURNS).

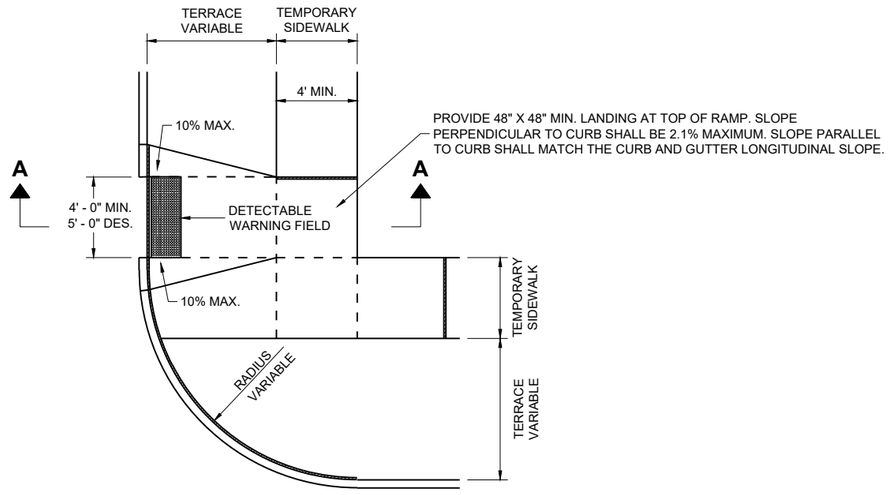
(4) DO NOT RESTRICT WATER FLOW IN THE GUTTER SYSTEM.

(5) CAN ONLY BE USED FOR RAMPS WITH 6" OR LESS OF VERTICAL CHANGE.

GENERAL NOTES



SECTION A - A



PLAN VIEW
TEMPORARY TYPE 3 RAMP
(OUTSIDE OF CROSSWALK AREA)

6

SDD 15D30-12d

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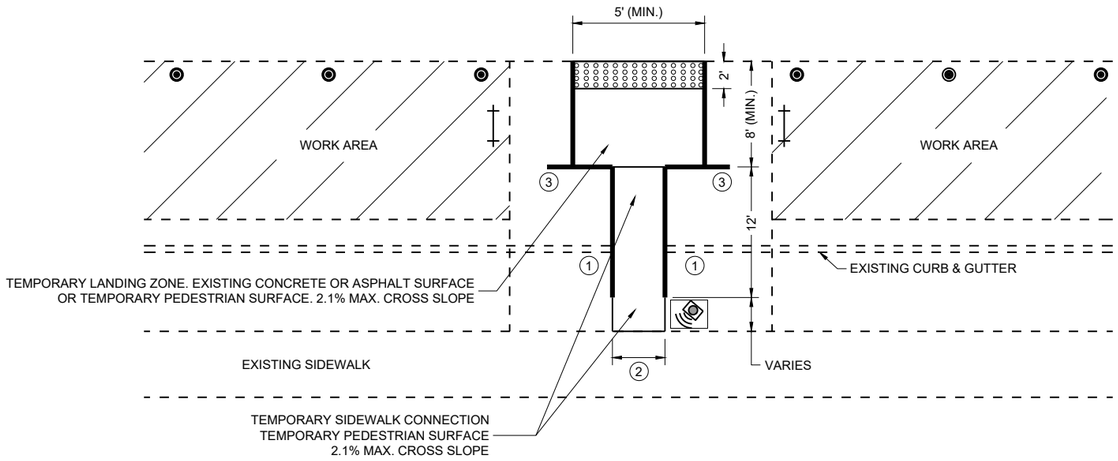
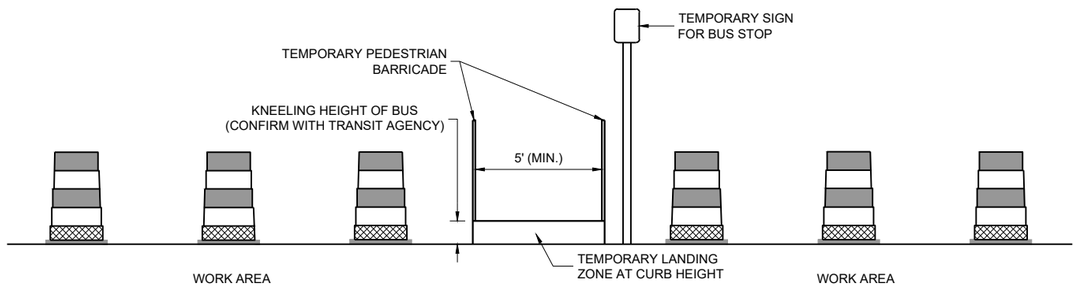
TRAFFIC CONTROL,
PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



PLAN VIEW



PROFILE VIEW TEMPORARY BUS STOP PAD

GENERAL NOTES

TYPICAL TEMPORARY PEDESTRIAN BARRICADE PANEL IS 6 FEET LONG.

NOTIFY THE BUS COMPANY 7 DAYS IN ADVANCE OF THE BUS STOP RELOCATION.

PROTECTIVE EDGING WITH A 2" MIN. HEIGHT SHALL BE INSTALLED WHEN A CURB RAMP OR LANDING PLATFORM HAS A VERTICAL DROP OF 6" OR GREATER OR HAS A SIDE APRON SLOPE STEEPER THAN 1:3 (33%). PROTECTIVE EDGING SHOULD BE CONSIDERED WHEN CURB RAMPS OR LANDING PLATFORMS HAVE A VERTICAL DROP OF 3" OR MORE.

DETECTABLE EDGING WITH 6" MIN. HEIGHT AND CONTRASTING COLOR SHALL BE INSTALLED ON ALL CURB RAMP LANDINGS WHERE THE WALKWAY CHANGES DIRECTION (TURNS).

LATERAL JOINTS OR GAPS BETWEEN SURFACES SHALL BE LESS THAN ½" WIDTH.

CHANGES BETWEEN SURFACE HEIGHTS SHALL NOT EXCEED ½". LATERAL EDGES MAY BE VERTICAL UP TO ¼" HIGH AND SHALL BE BEVELED AT 1:2 BETWEEN ¼" AND ½".

CURB RAMPS AND LANDINGS SHALL HAVE A 1:48 (2.1%) MAX. CROSS-SLOPE.

(1) DO NOT RESTRICT WATER FLOW IN THE GUTTER SYSTEM.

(2) 5' WIDE MIN. WITH TEMPORARY PEDESTRIAN BARRICADE, 10' WIDE MIN. WITHOUT TEMPORARY PEDESTRIAN BARRICADE.

(3) PLACE EXCESS PORTION OF TEMPORARY PEDESTRIAN BARRICADE INTO THIS SPACE.

LEGEND

- TRAFFIC CONTROL DRUM
- TYPE III BARRICADE
- TEMPORARY PEDESTRIAN BARRICADE
- TEMPORARY DETECTABLE WARNING FIELD
- WORK AREA
- TEMPORARY AUDIBLE MESSAGE DEVICE (EXACT PLACEMENT BASED UPON FIELD CONDITIONS)

6

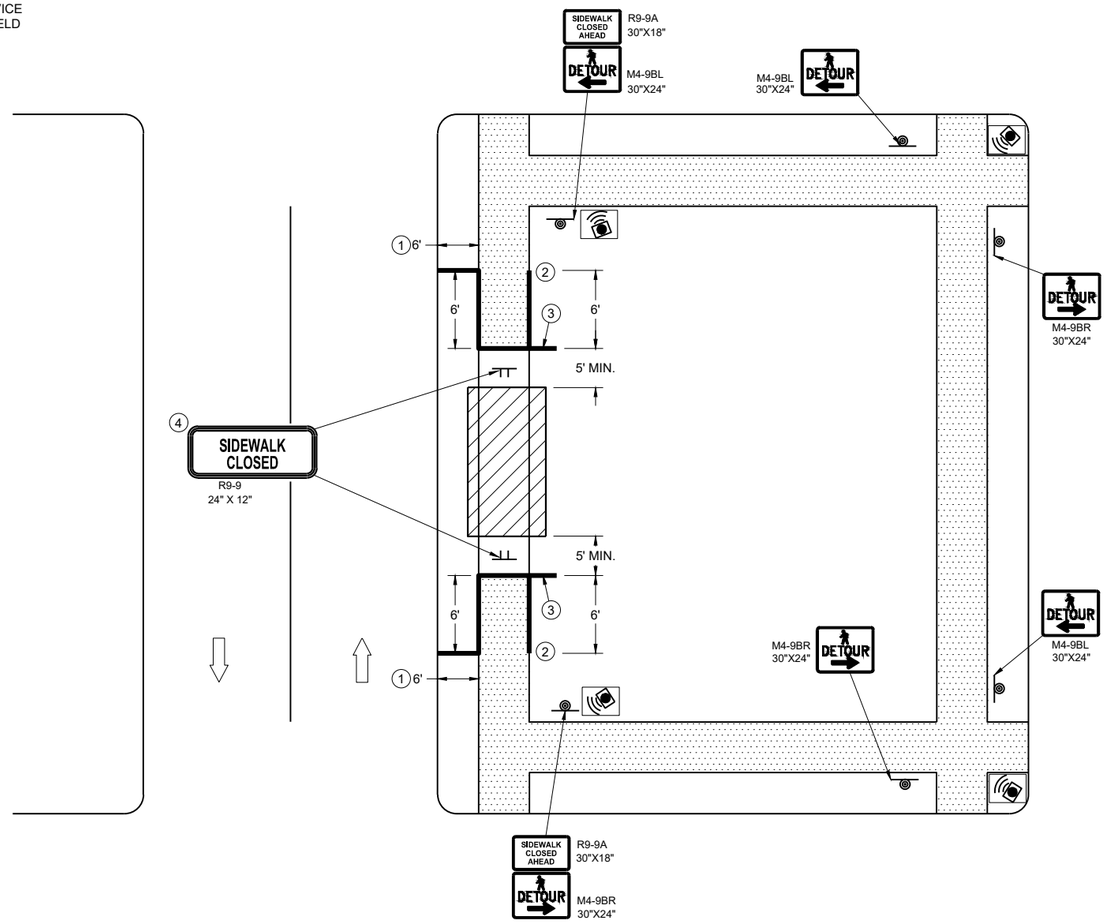
SDD 15D30-12e

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

LEGEND

- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- UNDER PEDESTRIAN TRAFFIC
- WORK AREA
- TEMPORARY PEDESTRIAN BARRICADE
- DIRECTION OF TRAFFIC
- TEMPORARY AUDIBLE MESSAGE DEVICE (EXACT PLACEMENT BASED UPON FIELD CONDITIONS)



SIDEWALK DETOUR, SIDEWALK ONLY ON ONE SIDE

GENERAL NOTES

WHERE TEMPORARY BARRICADE RUNS PARALLEL ALONG SIDEWALK, PLACE THE FACE OF THE BARRICADE AT THE EDGE OF THE SIDEWALK.

SIGNS THAT REMAIN IN PLACE LESS THAN SEVEN CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

PLACE TEMPORARY PEDESTRIAN BARRICADE TO FIT FIELD CONDITIONS, AVOIDING CONFLICTS WITH DRIVEWAYS AND OTHER EXISTING FEATURES.

1. IF TERRACE IS LESS THAN 6 FEET WIDE, OMIT TEMPORARY PEDESTRIAN BARRICADE FROM THE SIDEWALK TO THE CURB.
2. PLACE BARRICADE CLOSURE SO THAT THE TEMPORARY PEDESTRIAN BARRICADE END IS AT THE LAST OPEN SIDEWALK ACCESS TO RESIDENCES OR BUSINESSES BEFORE THE SIDEWALK CLOSURE.
3. IF TEMPORARY PEDESTRIAN BARRICADE PANEL IS WIDER THAN THE SIDEWALK WIDTH, THE PORTION OF EXCESS PANEL SHOULD EXTEND INTO THE TERRACE.
4. MOUNTING HEIGHT OF 5 FEET FROM THE SURFACE TO THE BOTTOM OF SIGN.

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

SDD 15D30-12f

LEGEND

- SIGN ON TEMPORARY SUPPORT
- WORK AREA
- UNDER PEDESTRIAN TRAFFIC
- TEMPORARY PEDESTRIAN SURFACE
- TEMPORARY PEDESTRIAN BARRICADE
- OPTIONAL TEMPORARY PEDESTRIAN BARRICADE
- DIRECTION OF TRAFFIC

GENERAL NOTES

TYPICAL TEMPORARY PEDESTRIAN BARRICADE PANEL IS 6 FEET LONG.

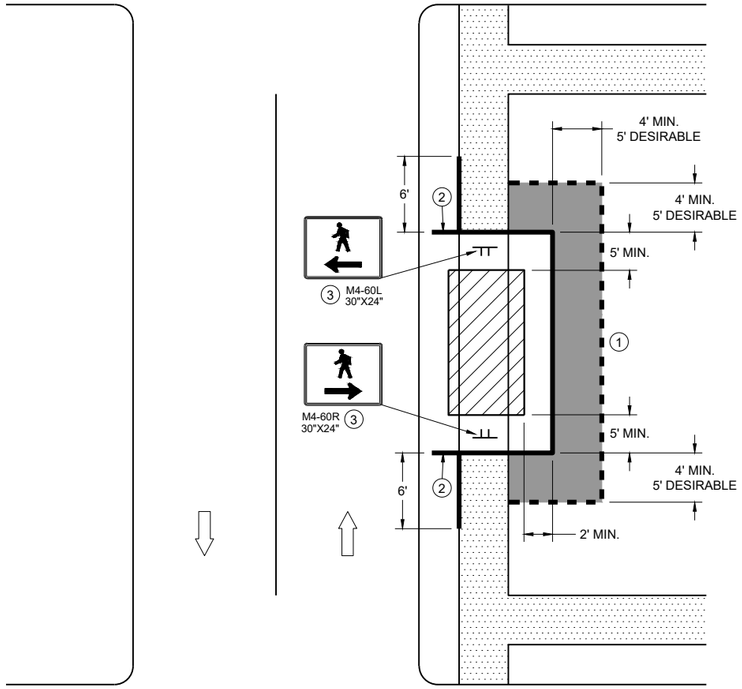
WHERE TEMPORARY BARRICADE RUNS PARALLEL ALONG SIDEWALK, PLACE THE FACE OF THE BARRICADE AT THE EDGE OF THE SIDEWALK.

SIGNS THAT REMAIN IN PLACE LESS THAN SEVEN CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

(1) USE TEMPORARY PEDESTRIAN BARRICADE TO SEPARATE PEDESTRIANS FROM DROP OFFS OR FOR ADDITIONAL PEDESTRIAN CHANNELIZATION.

(2) IF TEMPORARY PEDESTRIAN BARRICADE PANEL IS WIDER THAN THE SIDEWALK WIDTH, THE PORTION OF EXCESS PANEL SHOULD EXTEND INTO THE TERRACE.

(3) MOUNTING HEIGHT OF 5 FEET FROM THE SURFACE TO THE BOTTOM OF SIGN.



SIDEWALK BYPASS
SINGLE SIDE

6

SDD 15D30-12g

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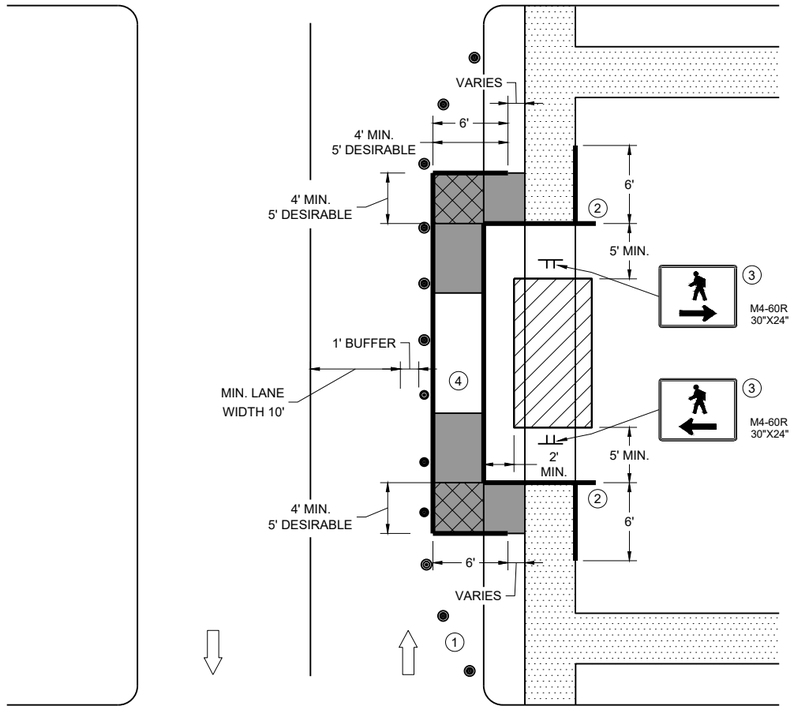
SDD 15D30-12g

TRAFFIC CONTROL,
PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

LEGEND

- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL DRUM
- WORK AREA
- UNDER PEDESTRIAN TRAFFIC
- TEMPORARY CURB RAMP
- TEMPORARY PEDESTRIAN SURFACE "A"
- TEMPORARY PEDESTRIAN SURFACE "B"
- TEMPORARY PEDESTRIAN BARRICADE
- DIRECTION OF TRAFFIC



SIDEWALK BYPASS, SINGLE SIDE

GENERAL NOTES

TYPICAL TEMPORARY PEDESTRIAN BARRICADE PANEL IS 6 FEET LONG.

WHERE TEMPORARY BARRICADE RUNS PARALLEL ALONG SIDEWALK, PLACE THE FACE OF THE BARRICADE AT THE EDGE OF THE SIDEWALK.

1. SHOULDER OR LANE CLOSURE ADVANCE WARNING AND BUFFER SPACE REQUIRED.
2. PLACE EXCESS PORTION OF TEMPORARY PEDESTRIAN BARRICADE PANEL PAST THE SIDEWALK ON THE SIDE AWAY FROM THE ROAD.
3. MOUNTING HEIGHT OF 5 FEET FROM THE SURFACE TO THE BOTTOM OF SIGN.
4. USE EXISTING PAVEMENT SURFACE. IF EXISTING PAVEMENT SURFACE HAS BEEN REMOVED, USE A TEMPORARY PEDESTRIAN SURFACE. WHEN THE TEMPORARY PEDESTRIAN ACCESS ROUTE RUNS PARALLEL ON THE ROADWAY SURFACE, THE MAXIMUM CROSS SLOPE WILL MATCH THE EXISTING ROADWAY CROSS SLOPE.

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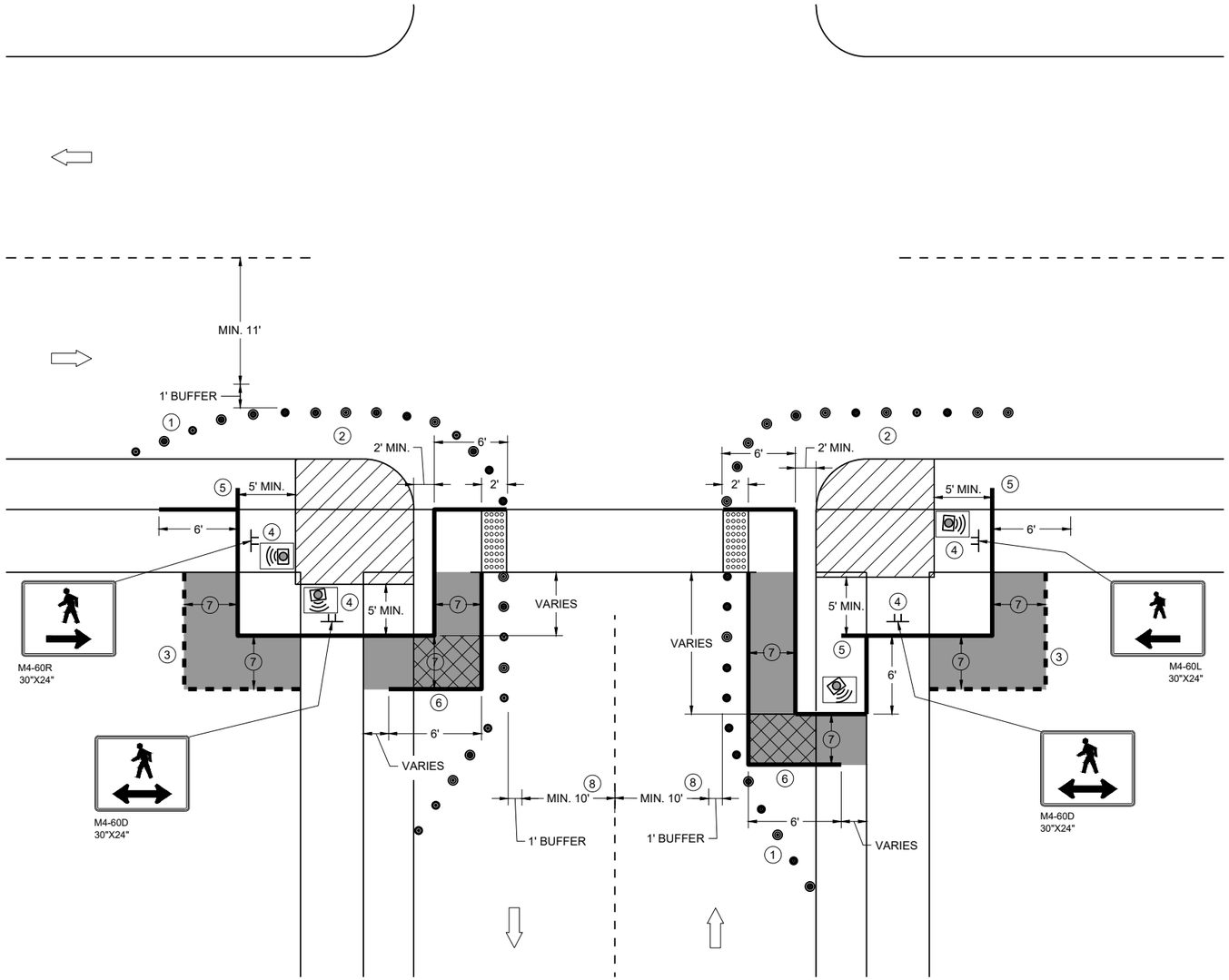
SDD 15D30-12h

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



CURB RAMP PEDESTRIAN TRAFFIC CONTROL
SIDEWALK ON SINGLE SIDE

GENERAL NOTES

IF PEDESTRIAN PUSH BUTTONS ARE PRESENT ON THE EXISTING FACILITY, ENSURE THEY ARE MAINTAINED/ACCESSIBLE FOR PEDESTRIAN USE THROUGHOUT THE TEMPORARY PEDESTRIAN ACCOMMODATIONS.

TYPICAL TEMPORARY PEDESTRIAN BARRICADE PANEL IS 6 FEET LONG

WHEN TEMPORARY PEDESTRIAN BARRICADE RUNS PARALLEL ALONG THE SIDEWALK, PLACE THE FACE OF THE BARRICADE AT THE EDGE OF THE SIDEWALK.

WHEN THE TEMPORARY PEDESTRIAN ACCESS ROUTE RUNS PARALLEL ON THE ROADWAY SURFACE, THE MAXIMUM CROSS SLOPE WILL MATCH THE EXISTING ROADWAY CROSS SLOPE.

1. SHOULDER OR LANE CLOSURE ADVANCE WARNING AND PROPER BUFFER SPACE REQUIRED.
2. PROVIDE ADEQUATE SPACE FOR CONTRACTOR OPERATIONS
3. USE TEMPORARY PEDESTRIAN BARRICADE TO SEPARATE PEDESTRIANS FROM DROP OFFS OR FOR ADDITIONAL PEDESTRIAN CHANNELIZATION.
4. MOUNTING HEIGHT OF 5 FEET FROM SIDEWALK SURFACE TO BOTTOM OF SIGN.
5. PLACE EXCESS PORTION OF TEMPORARY PEDESTRIAN BARRICADE PANEL IN THE SIDEWALK TERRACE.
6. IF TEMPORARY PEDESTRIAN BARRICADE DOES NOT REACH THE FACE OF THE CURB, USE AN ADDITIONAL PANEL AND EXTEND INTO THE TERRACE.
7. 4 FEET MINIMUM, 5 FEET DESIRABLE
8. IF MINIMUM LANE WIDTHS CAN'T BE ATTAINED, CURB RAMPS MAY NEED TO BE CONSTRUCTED AT SEPARATE TIMES.

LEGEND

- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL DRUM
- WORK AREA
- TEMPORARY CURB RAMP
- TEMPORARY PEDESTRIAN SURFACE "A"
- TEMPORARY PEDESTRIAN SURFACE "B"
- TEMPORARY DETECTABLE WARNING FIELD
- TEMPORARY PEDESTRIAN BARRICADE
- OPTIONAL TEMPORARY PEDESTRIAN BARRICADE
- DIRECTION OF TRAFFIC
- TEMPORARY AUDIBLE MESSAGE DEVICE (EXACT PLACEMENT BASED UPON FIELD CONDITIONS)

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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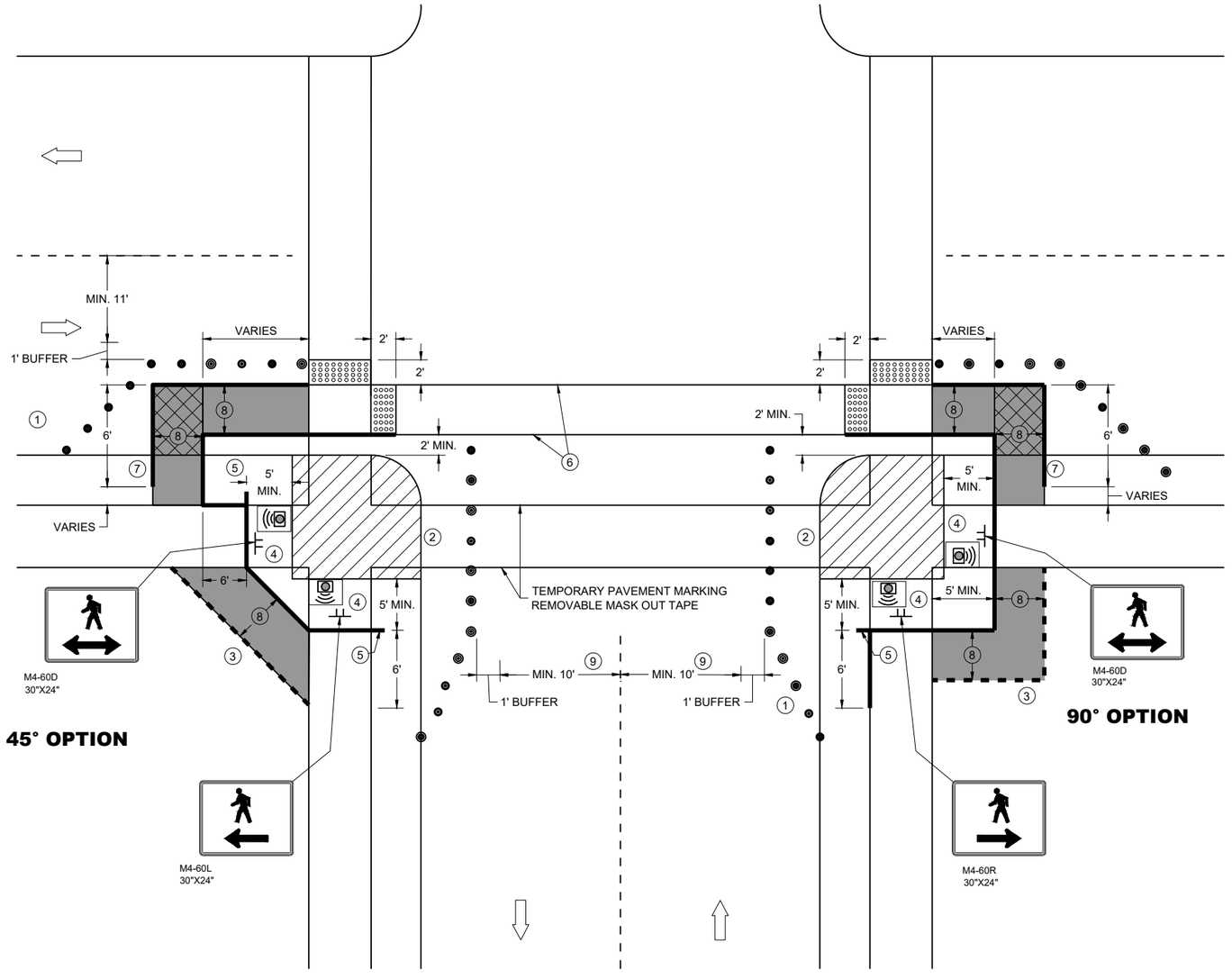
SDD 15D30-12i



CURB RAMP PEDESTRIAN TRAFFIC CONTROL

GENERAL NOTES

IF PEDESTRIAN PUSH BUTTONS ARE PRESENT ON THE EXISTING FACILITY, ENSURE THEY ARE MAINTAINED/ACCESSIBLE FOR PEDESTRIAN USE THROUGHOUT THE TEMPORARY PEDESTRIAN ACCOMMODATIONS.

TYPICAL TEMPORARY PEDESTRIAN BARRICADE PANEL IS 6 FEET LONG

WHEN TEMPORARY PEDESTRIAN BARRICADE RUNS PARALLEL ALONG THE SIDEWALK, PLACE THE FACE OF THE BARRICADE AT THE EDGE OF THE SIDEWALK.

WHEN THE TEMPORARY PEDESTRIAN ACCESS ROUTE RUNS PARALLEL ON THE ROADWAY SURFACE, THE MAXIMUM CROSS SLOPE WILL MATCH THE EXISTING ROADWAY CROSS SLOPE.

(1) SHOULDER OR LANE CLOSURE ADVANCE WARNING AND PROPER BUFFER SPACE REQUIRED.

(2) PROVIDE ADEQUATE SPACE FOR CONTRACTOR OPERATIONS

(3) USE TEMPORARY PEDESTRIAN BARRICADE TO SEPARATE PEDESTRIANS FROM DROP OFFS OR FOR ADDITIONAL PEDESTRIAN CHANNELIZATION.

(4) MOUNTING HEIGHT OF 5 FEET FROM SIDEWALK SURFACE TO BOTTOM OF SIGN.

(5) PLACE EXCESS PORTION OF TEMPORARY PEDESTRIAN BARRICADE PANEL IN THE SIDEWALK TERRACE.

(6) WHITE 6" TEMPORARY PAVEMENT MARKING

(7) IF TEMPORARY PEDESTRIAN BARRICADE DOES NOT REACH THE FACE OF THE CURB, USE AN ADDITIONAL PANEL AND EXTEND INTO THE TERRACE.

(8) 4 FEET MINIMUM, 5 FEET DESIRABLE

(9) IF MINIMUM LANE WIDTHS CAN'T BE ATTAINED, CURB RAMPS MAY NEED TO BE CONSTRUCTED AT SEPARATE TIMES.

LEGEND

- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL DRUM
- WORK AREA
- TEMPORARY CURB RAMP
- TEMPORARY PEDESTRIAN SURFACE "A"
- TEMPORARY PEDESTRIAN SURFACE "B"
- TEMPORARY DETECTABLE WARNING FIELD
- TEMPORARY PEDESTRIAN BARRICADE
- OPTIONAL TEMPORARY PEDESTRIAN BARRICADE
- DIRECTION OF TRAFFIC
- TEMPORARY AUDIBLE MESSAGE DEVICE (EXACT PLACEMENT BASED UPON FIELD CONDITIONS)

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

SDD 15D30-12j

LEGEND

SIGN ON PERMANENT SUPPORT

SIGN ON TEMPORARY SUPPORT

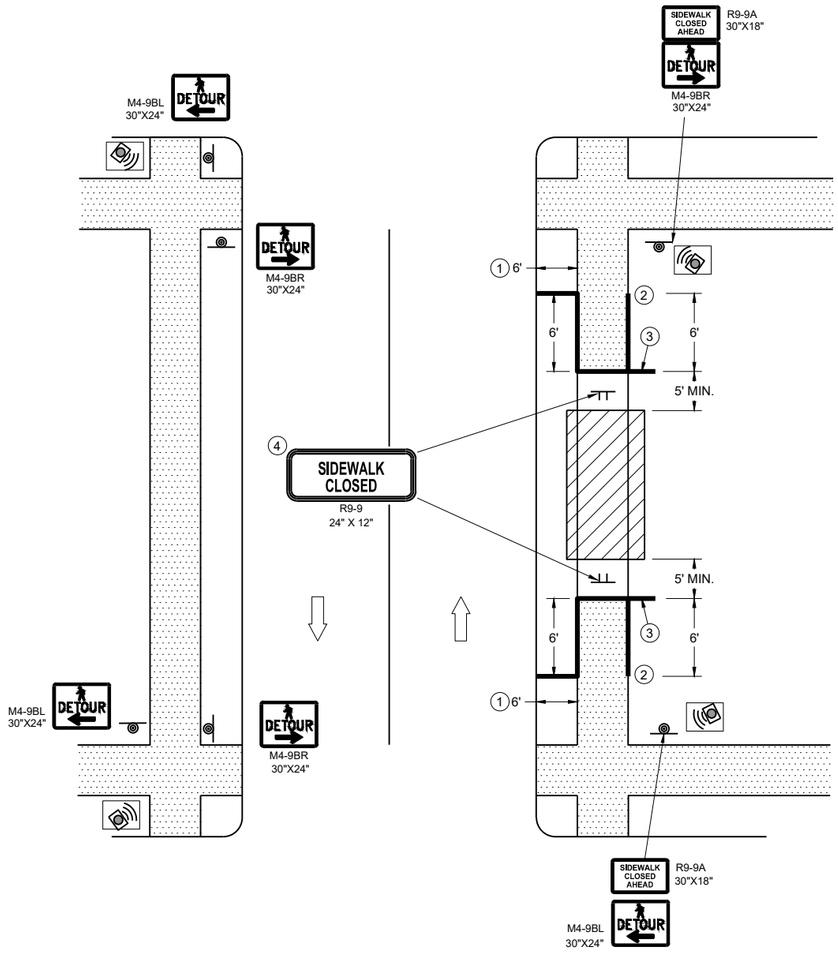
UNDER PEDESTRIAN TRAFFIC

WORK AREA

TEMPORARY PEDESTRIAN BARRICADE

DIRECTION OF TRAFFIC

TEMPORARY AUDIBLE MESSAGE DEVICE (EXACT PLACEMENT BASED UPON FIELD CONDITIONS)



SIDEWALK DETOUR, SIDEWALK ON BOTH SIDES

GENERAL NOTES

WHERE TEMPORARY BARRICADE RUNS PARALLEL ALONG SIDEWALK, PLACE THE FACE OF THE BARRICADE AT THE EDGE OF THE SIDEWALK.

SIGNS THAT REMAIN IN PLACE LESS THAN SEVEN CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

PLACE TEMPORARY PEDESTRIAN BARRICADE TO FIT FIELD CONDITIONS, AVOIDING CONFLICT WITH DRIVEWAYS AND OTHER EXISTING FEATURES.

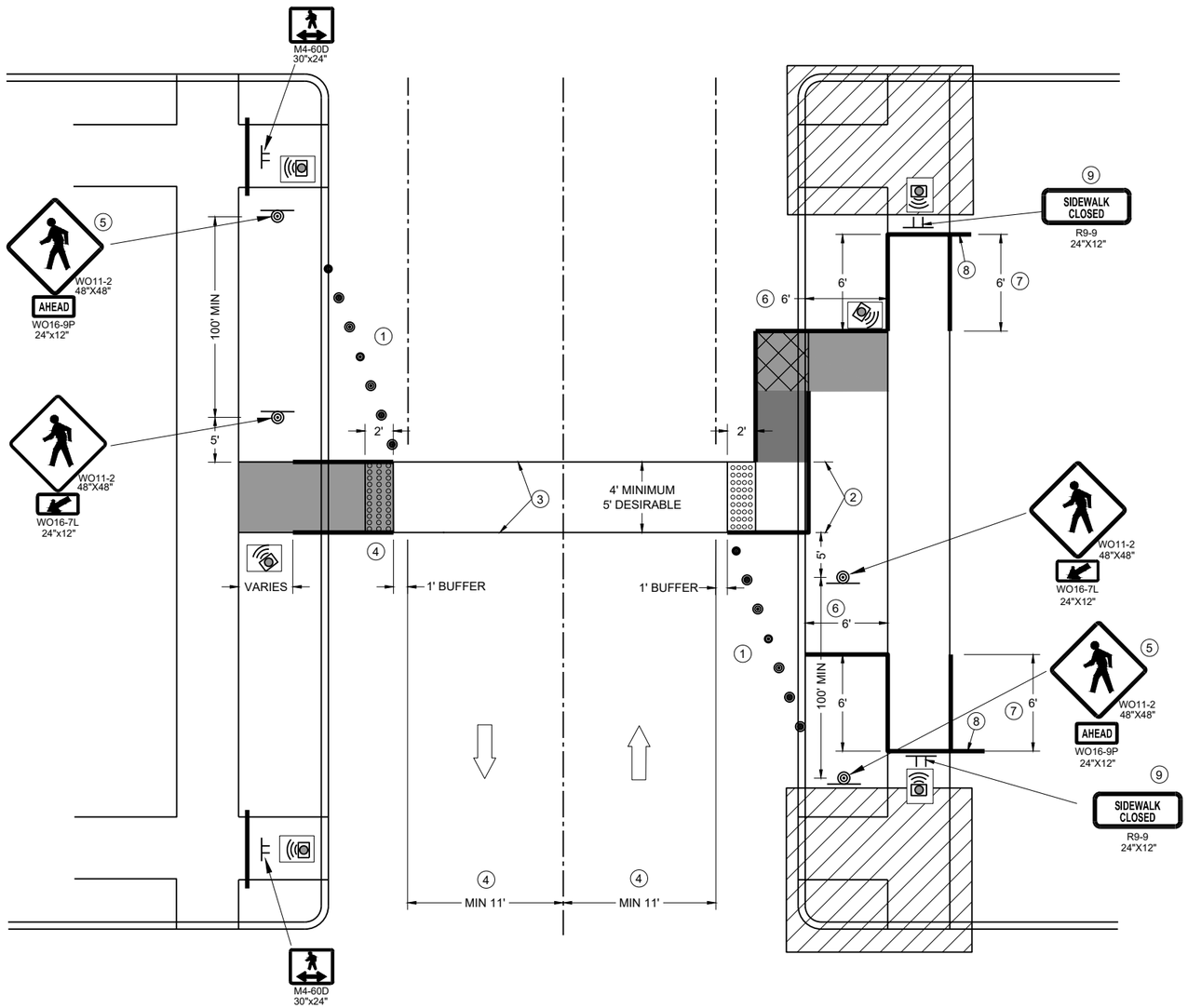
1. IF TERRACE IS LESS THAN 6 FEET WIDE, OMIT TEMPORARY PEDESTRIAN BARRICADE FROM THE SIDEWALK TO THE CURB.
2. PLACE BARRICADE CLOSURE SO THAT THE TEMPORARY PEDESTRIAN BARRICADE END IS AT THE LAST OPEN SIDEWALK ACCESS TO RESIDENCES OR BUSINESSES BEFORE THE SIDEWALK CLOSURE.
3. IF TEMPORARY PEDESTRIAN BARRICADE PANEL IS WIDER THAN THE SIDEWALK WIDTH, THE PORTION OF EXCESS PANEL SHOULD EXTEND INTO THE TERRACE.
4. MOUNTING HEIGHT OF 5 FEET FROM THE SURFACE TO THE BOTTOM OF SIGN.

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

SDD 15D30-12k



TEMPORARY PEDESTRIAN CROSSING

GENERAL NOTES

TYPICAL TEMPORARY PEDESTRIAN BARRICADE PANEL IS 6 FEET LONG.

SEE OTHER PEDESTRIAN ACCOMMODATION DETAILS FOR SIGNING AND DEVICES FOR DIFFERENT PEDESTRIAN FACILITIES CLOSURES.

WHEN THE TEMPORARY PEDESTRIAN ACCESS ROUTE RUNS PARALLEL ON THE ROADWAY SURFACE, THE MAXIMUM CROSS SLOPE WILL MATCH THE EXISTING ROADWAY CROSS SLOPE.

1. SHOULDER OR LANE CLOSURE ADVANCED WARNING AND PROPER BUFFER SPACE REQUIRED.
2. 4 FEET MINIMUM, 5 FEET DESIRABLE.
3. WHITE 6" TEMPORARY PAVEMENT MARKING.
4. IF MINIMUM LANE WIDTHS CAN'T BE ATTAINED, PERPENDICULAR CURB RAMPS MAY NEED TO BE UTILIZED.
5. IF MINIMUM 100' SPACING FROM THE MID-BLOCK CROSSING CANNOT BE ATTAINED BEFORE THE INTERSECTION, REMOVE THIS SIGN ASSEMBLY.
6. IF TERRACE IS LESS THAN 6 FEET WIDE, OMIT TEMPORARY PEDESTRIAN BARRICADE FROM THE SIDEWALK TO THE CURB.
7. PLACE BARRICADE CLOSURE SO THAT THE TEMPORARY PEDESTRIAN BARRICADE END IS AT THE LAST OPEN SIDEWALK ACCESS TO RESIDENCES OR BUSINESSES BEFORE THE SIDEWALK CLOSURE.
8. IF TEMPORARY PEDESTRIAN BARRICADE PANEL IS WIDER THAN THE SIDEWALK WIDTH, THE PORTION OF THE EXCESS PANEL SHOULD EXTEND INTO THE TERRACE.
9. MOUNTING HEIGHT OF 5 FEET FROM THE SURFACE TO THE BOTTOM OF THE SIGN.

LEGEND

- TRAFFIC CONTROL DRUM
- SIGN ON TEMPORARY SUPPORT
- TEMPORARY CURB RAMP
- TEMPORARY DETECTABLE WARNING FIELD
- TEMPORARY PEDESTRIAN SURFACE "A"
- TEMPORARY PEDESTRIAN SURFACE "B"
- WORK AREA
- TEMPORARY PEDESTRIAN BARRICADE
- DIRECTION OF TRAFFIC
- TEMPORARY AUDIBLE MESSAGE DEVICE (EXACT PLACEMENT BASED UPON FIELD CONDITIONS)

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2025 — DATE
/S/ Andrew Heidtke — WORK ZONE ENGINEER

FHWA

6

SDD 15D30-12I

GENERAL NOTES

DRAWING NOT TO SCALE. ALL SIGNS AND POSTS ON THIS SHEET SHALL BE PAID FOR WITH 'TRAFFIC CONTROL SIGNS' BID ITEM. ALL SIDE ROADS WHICH ARE UNDER CONSTRUCTION OF CURB AND GUTTER AND/OR GRADING SHALL BE ADEQUATELY SIGNED.

ALL SIGNS AND DEVICES SHALL BE IN CONFORMANCE WITH THE WISCONSIN MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (WMUTCD). SIGN LAYOUTS SHALL BE IN ACCORDANCE WITH THE WISDOT STANDARD SIGN PLATES.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THAT THE BACKGROUND IS ORANGE.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.

ALL SIGNS INAPPROPRIATE TO THE STATUS OF THE CONTROL ZONE, INCLUDING PRE-EXISTING SIGNS IN THE VICINITY, SHALL BE COVERED OR REMOVED AS DIRECTED BY THE ENGINEER.

SEE 15C34 FOR ADDITIONAL TRAFFIC CONTROL SIGNING WHEN CENTERLINE PAVEMENT MAKINGS ARE MISSING. 'DO NOT PASS' SIGNS MUST BE INSTALLED ON THE SAME DAY AS MILLING OPERATIONS.

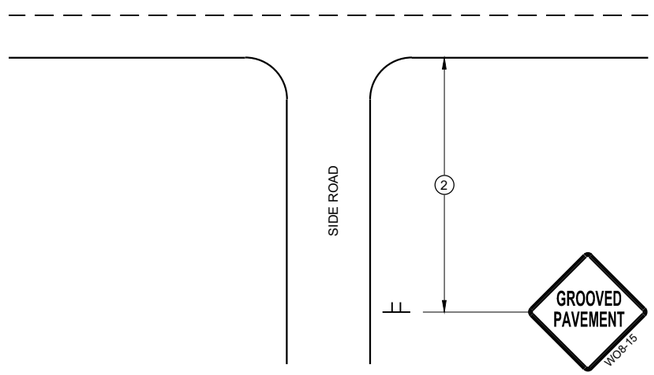
(1) PLACE SIGNS 350' IN ADVANCE OF MILLED SURFACES AND AT 1 MILE INTERVALS, OR AS DIRECTED BY THE ENGINEER.

(2) PLACE SIGN 200' MIN. FROM INTERSECTION AND 200' MIN. AFTER ADVANCE WARNING SIGN SHOWN IN SDD 15C04.

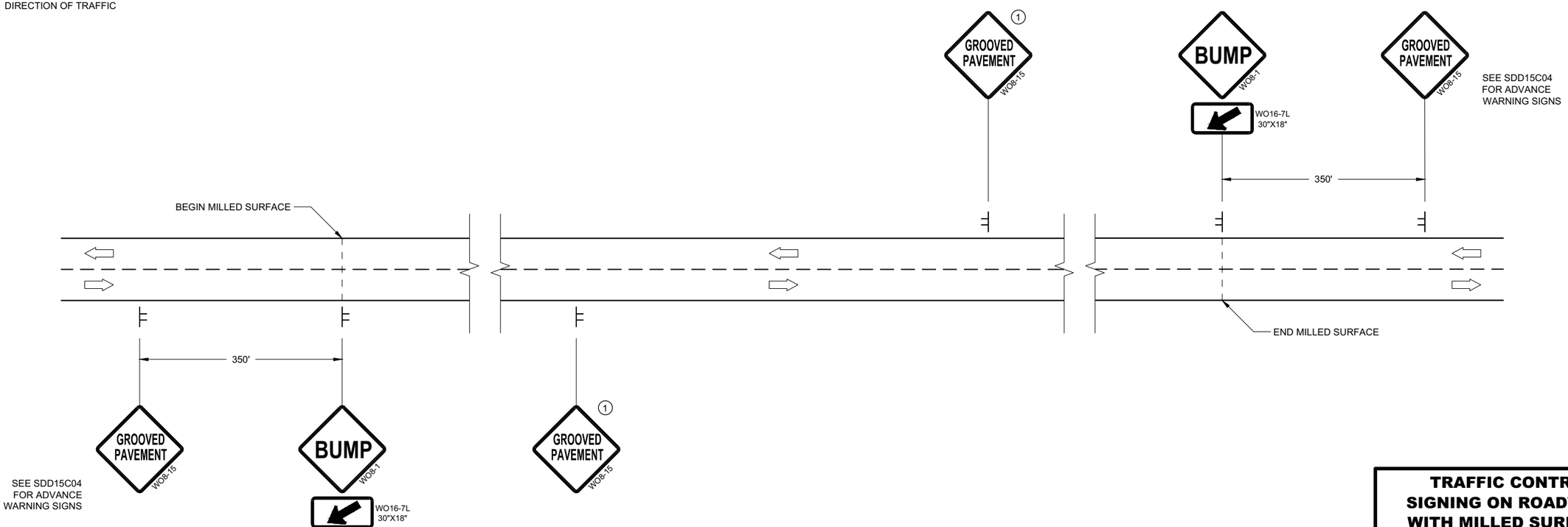
LEGEND

SIGN ON TEMPORARY SUPPORT

DIRECTION OF TRAFFIC



TYPICAL SIDE ROAD APPROACH SIGN DETAIL



DETAIL FOR SIGNING ON MILLED SURFACES

TRAFFIC CONTROL, SIGNING ON ROADWAYS WITH MILLED SURFACES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
February 2020
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEER

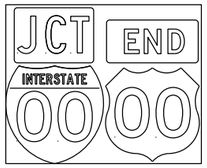
797

FHWA

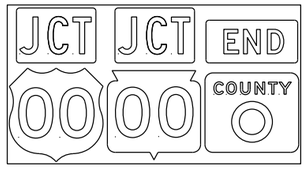
6
SDD 15D44 - 02

TYPICAL ASSEMBLIES

J1-1



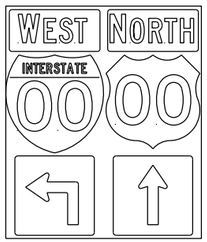
J1-2



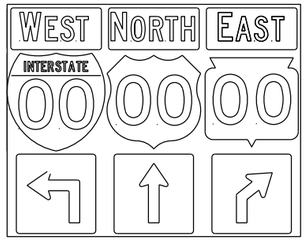
J1-3

JR1-1

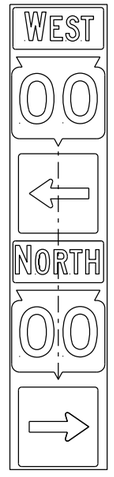
J2-1



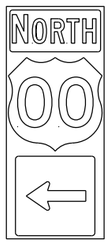
J2-2



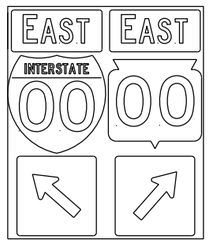
J2-3



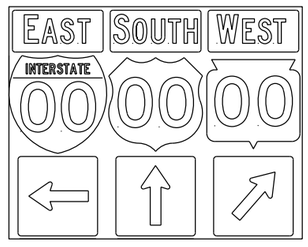
JV
(Typical Vertical J-Assembly
See Note 10 and 11)



J3-1

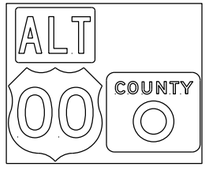


J3-2

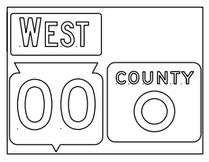


J3-3

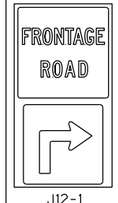
J4-1



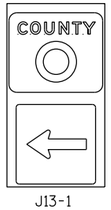
J4-2



J4-2



J12-1

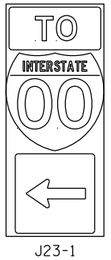


J13-1

J32-1

J33-1

J22-1

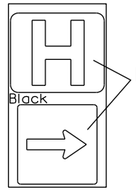


J23-1

JR13-1

JR23-1

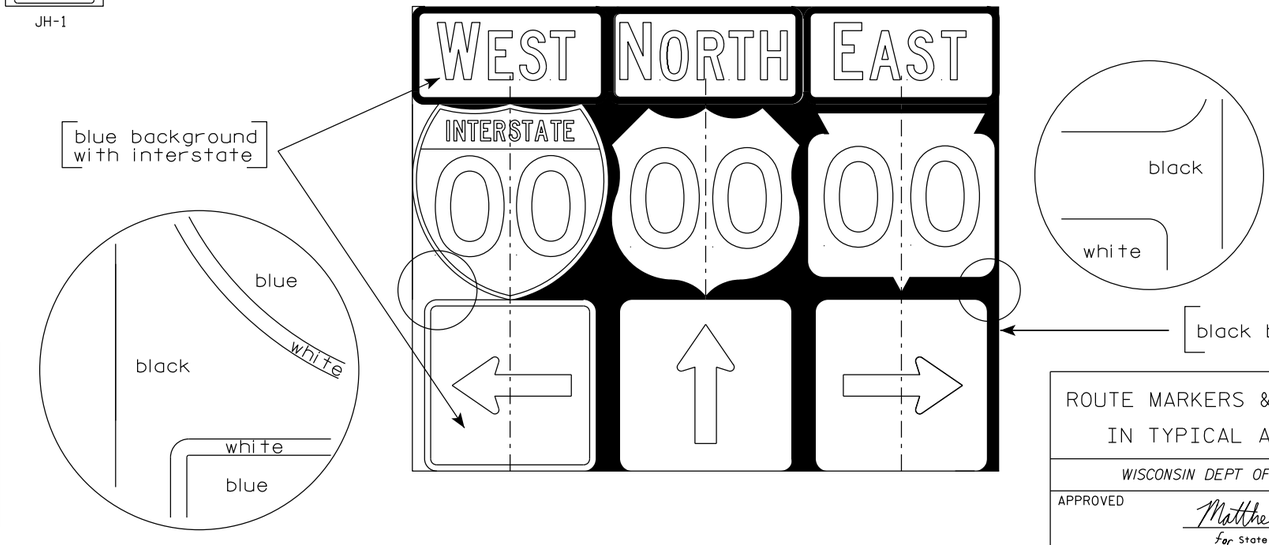
JR99-1



JH-1

NOTES

1. Signs are Type II - Type H Reflective
2. Color:
   Background - Black Non-reflective
   Message - see Note 4
3. Message Series - See Note 4
4. The colors and message spacing on each marker shall be according to the applicable route marker panel specifications.
5. Certain marker heads require the component pieces to be the same color. As an example, all the components used with an M1-1 Interstate marker shall be blue.
6. Single panel j-assemblies shall only be used with route marker shields that are same size. If the route marker shields are different size use multiple piece component.
7. Route assemblies that have 24 inch route shields and have dimensions greater than 48 inches (both vertical and horizontal) shall have one horizontal splice between the arrows and route shields. Vertical splices shall not be used on route assemblies with a horizontal dimension of 144 inches or less. The contractor shall not use more than one vertical joint per sign and the joint shall be between route shields.
8. Route assemblies that have 36 inch shields and have dimensions greater than 48 inchs (both vertical and horizontal) shall have two horizontal splices. One horizontal splice shall be between the cardinal direction and route shields and the other horizontal splice shall be between the arrows and route shields. Vertical splices shall not be used on route assemblies with a horizontal dimension of 144 or less. The contractor shall not use more than one vertical joint per sign and the joint shall be between route shields.
9. All Vertical J Assemblies are given a Sign Code of JV
10. For JV Assemblies that have a mixture of Interstate and Non-Interstate shields, arrows and cardinals shall be white on blue.
11. For JV Assemblies that have a mixture of Non-Interstate and Auto-Tour shields, arrows and cardinals shall be black on white.



ROUTE MARKERS & COMPONENTS IN TYPICAL ASSEMBLIES

WISCONSIN DEPT OF TRANSPORTATION

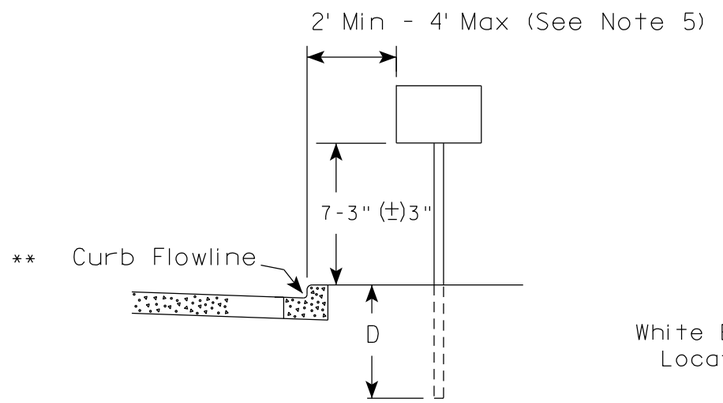
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 6/7/23 PLATE NO. A2-1S.10

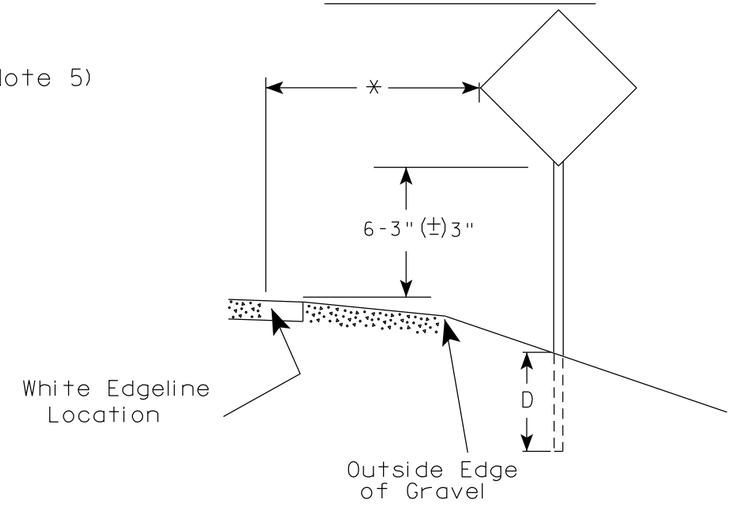
PROJECT NO:

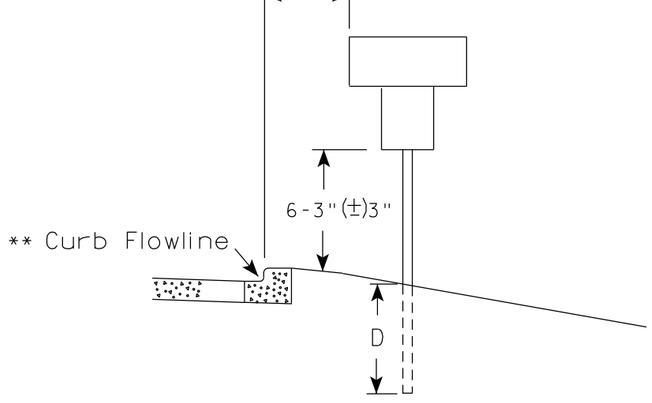
SHEET NO: 798 E

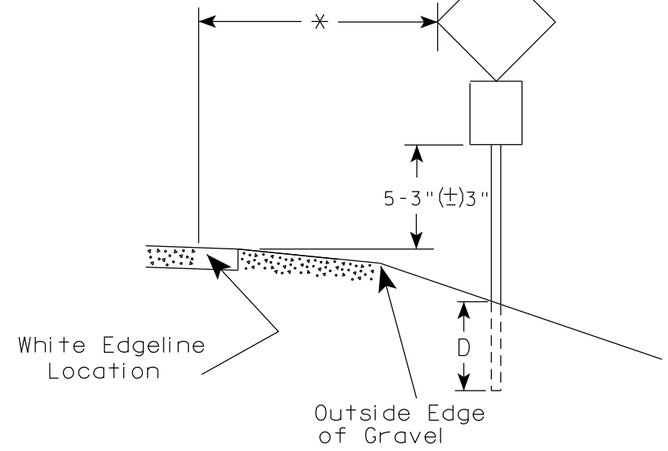
URBAN AREA



RURAL AREA (See Note 2)







** The existence of curb and gutter does not in itself mandate the vertical clearance illustrated. That height is typically measured where there is sidewalk adjacent to the roadway or parking is permitted. In the absence of sidewalk vertical clearance is measured from the top of the curb. Offset of signs is measured from the flow line.

* 6 feet from edge of a paved shoulder or 12 feet from the edge of pavement (edge line location) or 2 feet from outside edge of gravel, whichever is greater unless directed by project engineer.

POST EMBEDMENT DEPTH

Area of Sign Installation (Sq. Ft.)	D (Min)
20 or Less	4'
Greater than 20	5'

GENERAL NOTES

1. Signs wider than 4 feet or 20 sq.ft or larger, shall be mounted on multiple posts. Refer to plate A4-4.
2. If signs are mounted on or behind barrier wall, see A4-10 sign plate.
   The Double Arrow sign (W12-1D) shall be mounted at a height of 2'-3" (±) 3". The Chevron sign (W1-8), Roundabout Chevron panel (R6-4B), Enhanced Reference Markers, Clearance Markers (W5-52), Mile Markers (D10 series), In Road Object Markers (W5-54) & End of Road Markers (W5-56) shall be mounted at a height of 4'-3" (±) 3".
3. For expressways and freeways, mounting height is 7'- 3" (±) 3" or 6'-3" (±) 3" depending upon existence of a sub-sign.
4. Minimum mounting height for signs mounted on traffic signal poles is 5'- 3" (±) 3".
5. Offset distance shall be consistent with existing signs or consistent throughout length of project.
6. Folding signs shall be mounted at a height of 5'-3" (±) 3" or as directd by the Engineer.

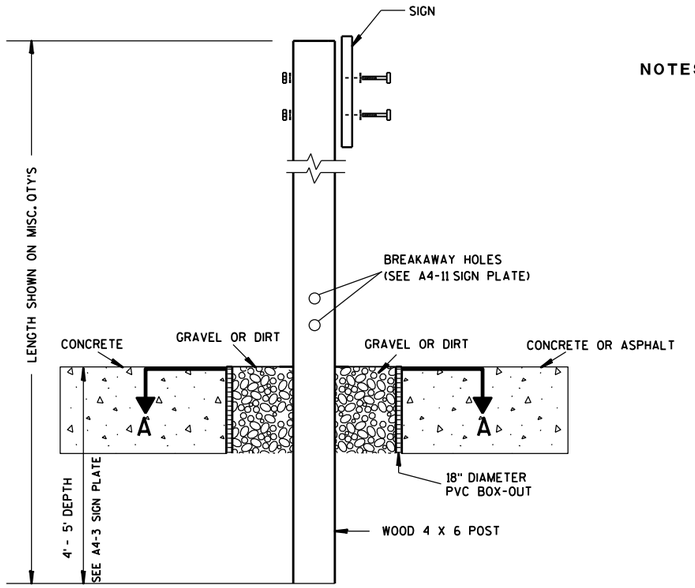
TYPICAL INSTALLATION OF PERMANENT TYPE II SIGNS ON SINGLE POSTS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 12/6/23 PLATE NO. A4-3.23

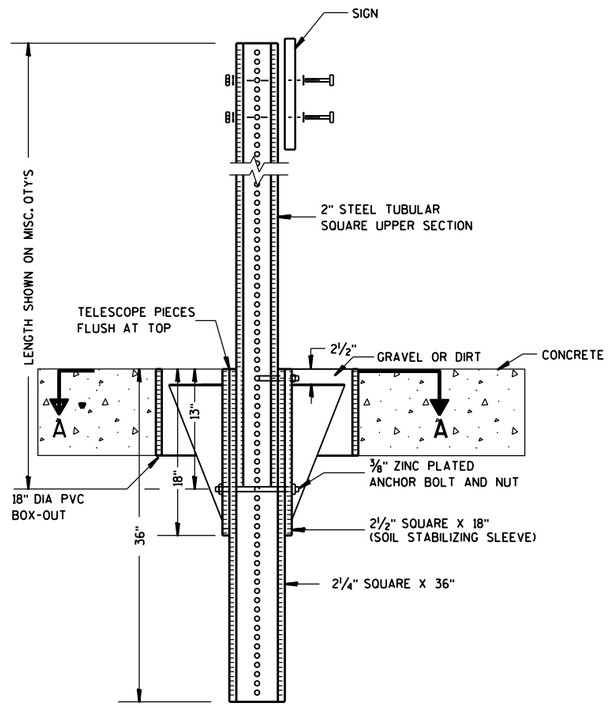
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 799	E



ELEVATION VIEW

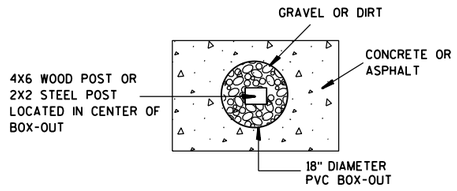
DETAIL OF WOOD 4 X 6 SIGN POST IN BOX-OUT

NOTES:
1. ALL MATERIAL TO BE APPROVED BY ENGINEER PRIOR TO INSTALLATION
2. SEE SIGN PLATE A4-8 FOR SIGN HARDWARE REQUIREMENTS
3. 18 INCH X 18 INCH SQUARE BOX-OUTS MAY BE USED FOR INSTALLATIONS IN EXISTING CONCRETE OR ASPHALT LOCATIONS.



ELEVATION VIEW

DETAIL OF STEEL 2 X 2 SIGN POST IN BOX-OUT



PLAN VIEW

FOR NEW CONCRETE/ASPHALT INSTALLATIONS

SIGN POST BOX-OUTS A4-3B

WISCONSIN DEPT OF TRANSPORTATION

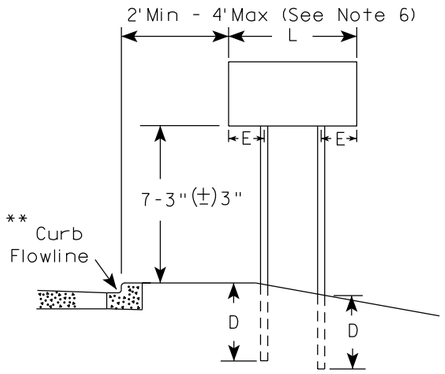
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/27/14 PLATE NO. A4-3B.1

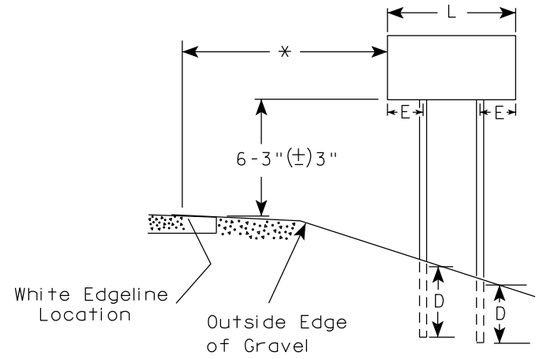
PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

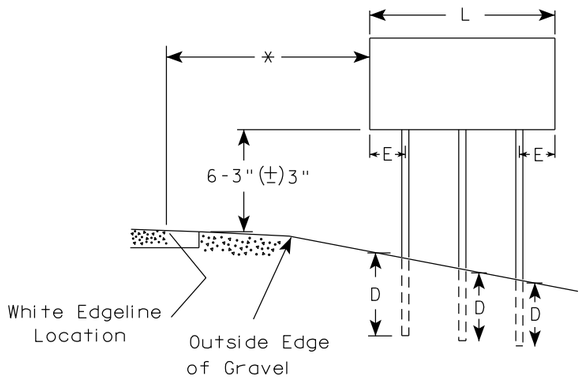
FILE NAME : C:\CAEFiles\Projects\tr_stdplate\A43B.DGN PLOT DATE : 27-JAN-2014 09:48 PLOT BY : mscsja PLOT NAME : PLOT SCALE : 13.659812:1.000000 WISDOT/CADDS SHEET 42

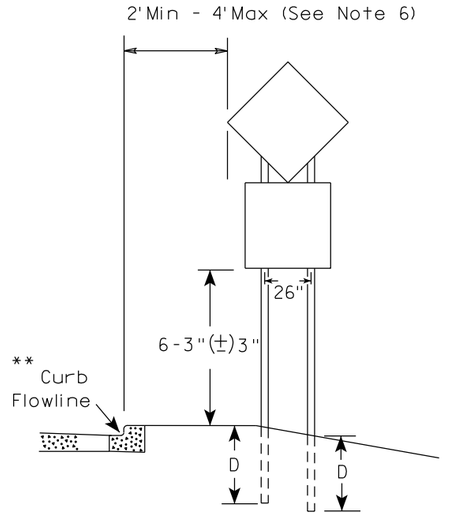
URBAN AREA



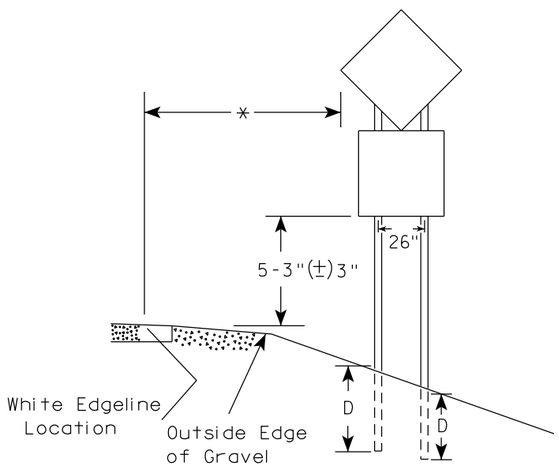
RURAL AREA (See Note 3)







48" DIAMOND WARNING SIGN



48" DIAMOND WARNING SIGN

SIGN SHAPE OTHER THAN DIAMOND (TWO POSTS REQUIRED)		
	L	E
***	Greater than 48" Less than 60"	12"
	60" to 108"	L/5

SIGN SHAPE OTHER THAN DIAMOND (THREE POSTS REQUIRED)	
L	E
Greater than 108" to 144"	12"

GENERAL NOTES

1. For 3 or 4 post installations, individual post spacing shall be greater than 3'-6".
2. See tables below for required number of posts.
3. For expressways and freeways, mounting height is 7'-3" (±) 3" or 6'-3" (±) 3" depending upon existence of sub-sign.
4. The (±) tolerance for mounting height is 3 inches.
5. J-Assemblies are considered to be one sign for mounting height.
6. Offset distance shall be consistent with existing signs or consistent throughout length of project.
7. Folding signs shall be mounted at a height of 5'-3" (±) 3" or as directed by the engineer.
8. The Double Arrow sign (W12-1) shall be mounted at a height of 2'-3" (±) 3". The Chevron sign (W1-8), Roundabout Chevron panel (R6-4B), Clearance Markers (W5-52), Mile Markers (D10 series), In Road Object Markers (W5-54) & End of Road Markers (W5-56) shall be mounted at a height of 4"-3" (±) 3".

* 6 feet from edge of a paved shoulder or 12 feet from the edge of pavement (edge line location) or 2 feet from outside edge of gravel, whichever is greater unless directed by project engineer.

** The existence of curb and gutter does not in itself mandate the vertical clearance illustrated. That height is typically measured where there is sidewalk adjacent to the roadway or parking is permitted. In the absence of sidewalk vertical clearance is measured from the top of the curb. Offset of signs is measured from the flow line.

*** See A4-3 sign plate for signs 4' or less in width and less than 20 S.F. in area.

POST EMBEDMENT DEPTH

Area of Sign Installation (Sq. Ft.)	D (Min)
20 or Less	4'
Greater than 20	5'

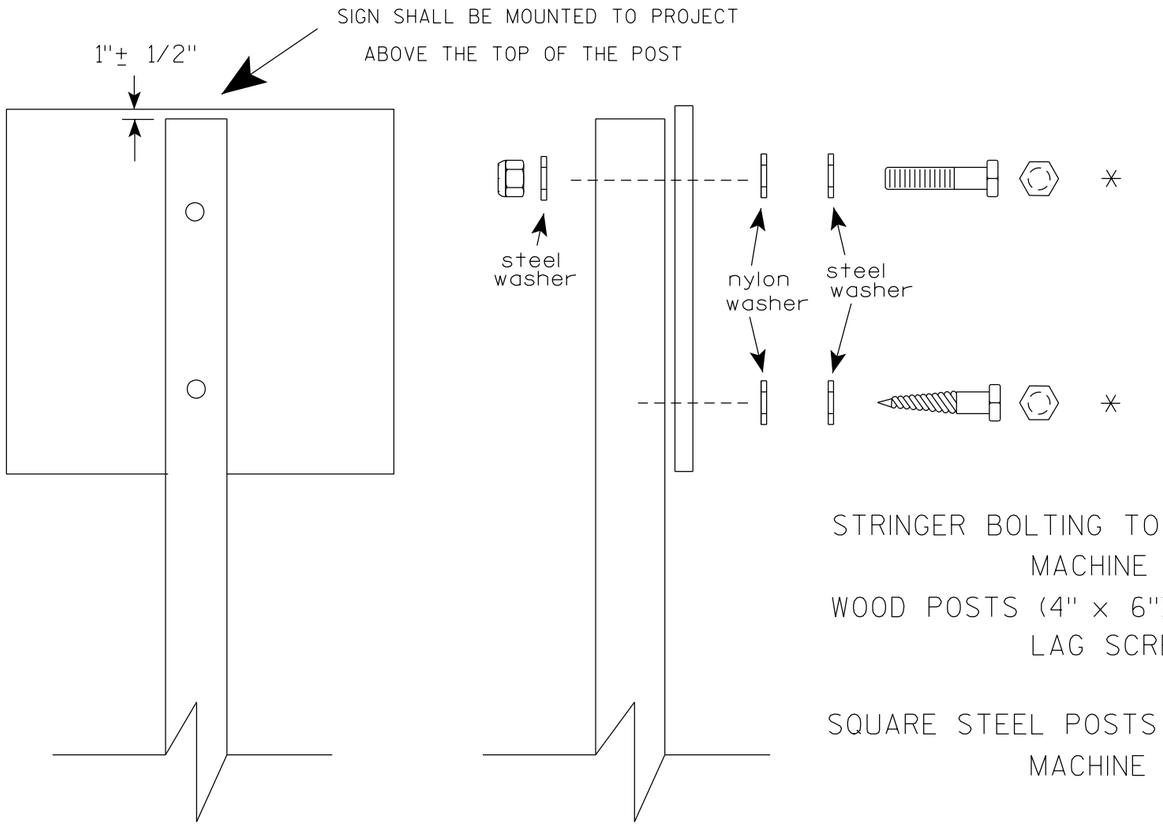
TYPICAL INSTALLATION OF TYPE II SIGNS ON MULTIPLE POSTS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 12/6/23 PLATE NO. A4-4.16

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 801	E



Nuts, bolts and lags used for mounting signs shall have hexagonal heads and shall be either :

a. Hot dip galvanized in accordance with ASTM Designation: A 153, Class D, or SC 3

b. Electro-galvanized in accordance with ASTM Designation : B 633, TYPE III, SC 3.

Threads on bolts and nuts shall be manufactured with sufficient allowance for the cadmium plate or galvanized coating to permit the nuts to run freely on the bolts.

STRINGER BOLTING TO ALUMINUM SIGNS (SEE SIGN PLATE A4-18)

MACHINE BOLTS - 5/16" X 1-3/4" Length w/ lock nuts

WOOD POSTS (4" x 6")

LAG SCREWS - 3/8" X 3" (NO STRINGERS ON BACK OF SIGN)
3/8" X 4" (STRINGERS ON BACK OF SIGN)

SQUARE STEEL POSTS (2" x 2")

MACHINE BOLTS - 3/8" X 3-1/4" Length w/ nuts (NO STRINGER ON BACK OF SIGN)
3/8" X 5" Length w/ nuts (STRINGERS ON BACK OF SIGN)

RIVETS - 9/32" (6605-9-6) BULB-TITE, TRI-FOLD, ALUMINUM BODY/MANDREL
O.D. FLANGE .720-.765 INCH, GRIP RANGE .042-.375 INCH

WASHERS (ALL POSTS) -

1-1/4" O.D. X 3/8" I.D. X 1/16" STEEL
1-1/4" O.D. X 3/8" I.D. X .080 NYLON

* Two different fastening systems are shown for illustration purposes. On any individual sign, either one or the other system shall be used. Actual number of fasteners per sign varies with the sign area, but normally there are two. For a single post installation, all signs greater than 9 sq. ft. require the use of 3 fasteners.

ATTACHMENT OF SIGNS TO POSTS

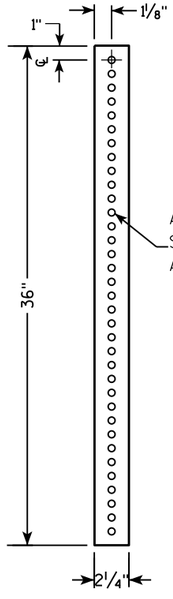
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

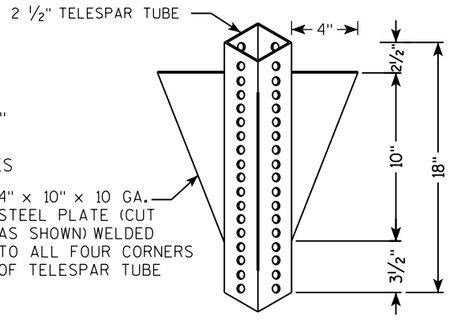
DATE 4/1/2020 PLATE NO. A4-8.9

TELESCOPIC TUBING ANCHORS
TWO PIECE SYSTEM

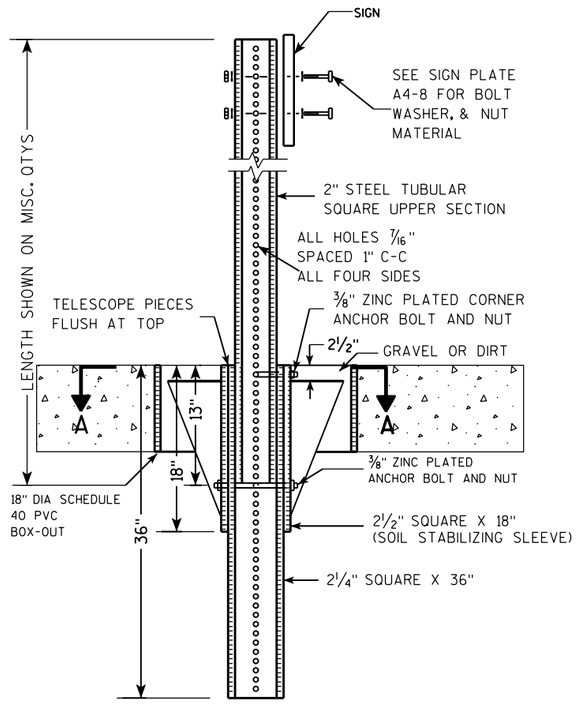
2 1/4 " SQUARE
12 GAUGE
PERFORATED
GALVANIZED FINISH



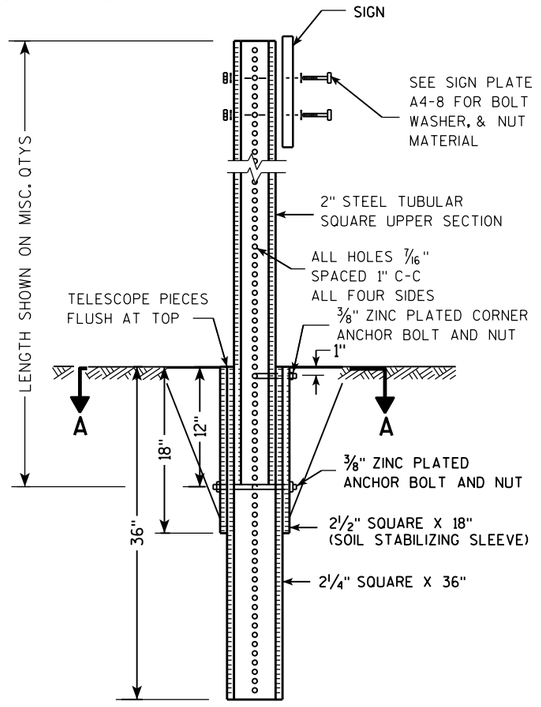
2 1/2 " SQUARE
12 GAUGE
OMNI-DIRECTIONAL
PERFORATED
SOIL STABILIZING SLEEVE
GALVANIZED FINISH

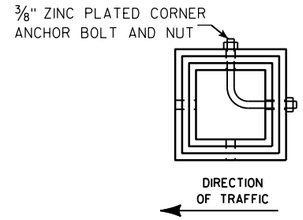


DETAIL OF TUBULAR STEEL SIGN POST
(IN POURED CONCRETE OR ASPHALT)



DETAIL OF TUBULAR STEEL SIGN POST
(IN LOCATIONS OTHER THAN POURED CONCRETE OR ASPHALT)





SECTION A-A

Area of Sign Installation (Sq. Ft.)	Number of Required Posts
9 or less	1
Greater than 9 less than or equal to 18	2
Greater than 18 less than or equal to 27	3

Signs wider than 3 feet or larger than 9 sq. ft shall be mounted on multiple posts (see above table).

TUBULAR STEEL
SIGN POST
A4-9

WISCONSIN DEPT OF TRANSPORTATION

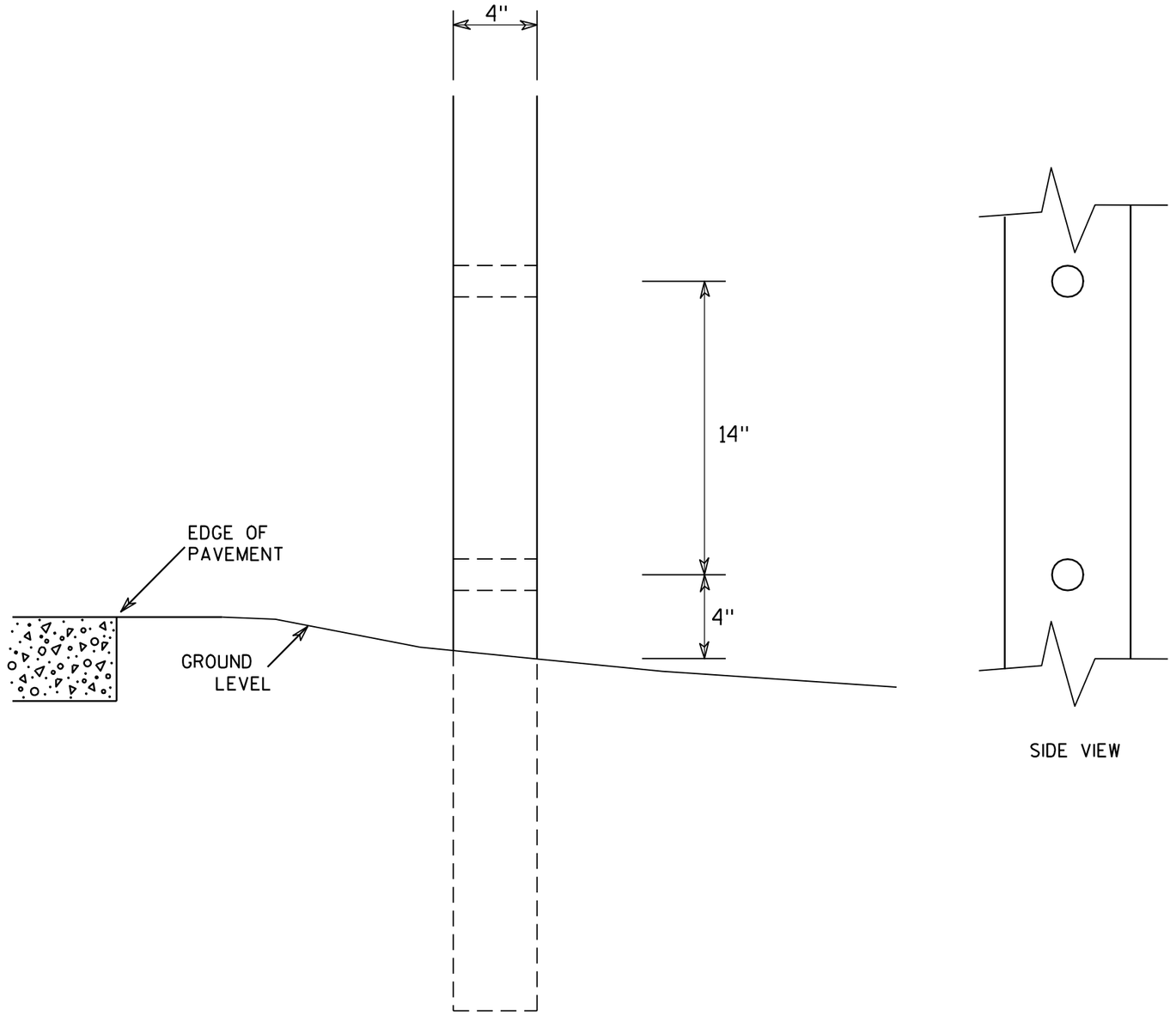
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/05/15 PLATE 803 A4-9.9

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

FILE NAME : C:\CAEFiles\Projects\tr_stdplate\A49.DGN PLOT DATE : 05-FEB-2015 17:09 PLOT BY : mscsja PLOT NAME : PLOT SCALE : 13.659812:1.000000

WISDOT/CADDS SHEET 42



SIDE VIEW

GENERAL NOTES

1. All 4 x 6 Wood Posts shall be modified by having two 1½" diameter holes drilled perpendicular to the roadway centerline.

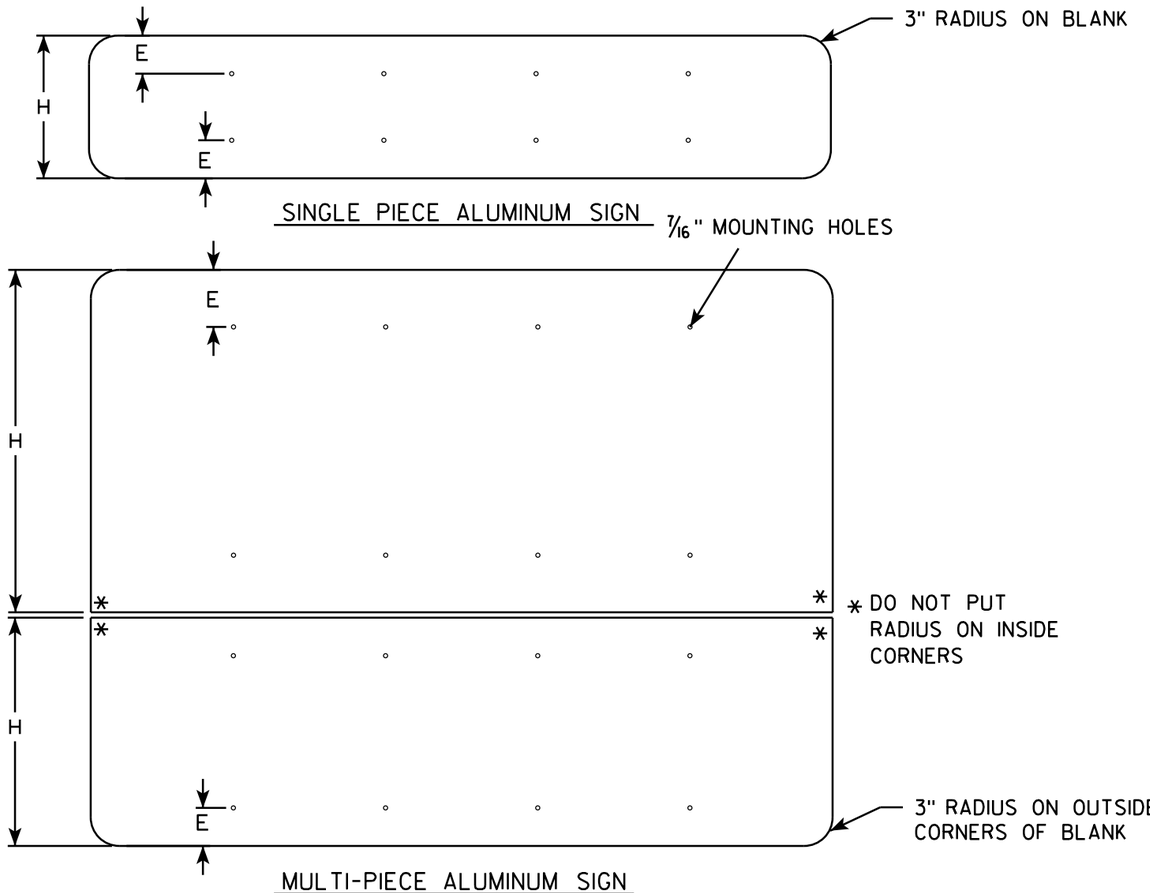
4 X 6 WOOD POST MODIFICATIONS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Chester J Spang for State Traffic Engineer

DATE 3/27/97 PLATE NO. A4-11.2

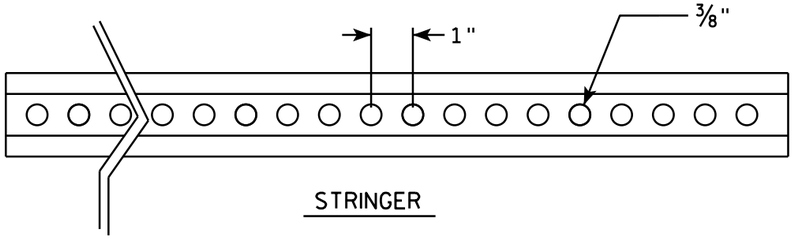
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 804	E



GENERAL NOTES

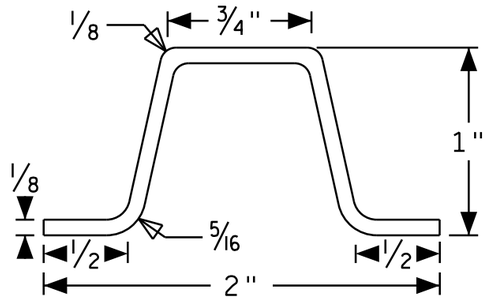
- ALL SIGNS OVER 60" IN WIDTH SHALL HAVE A 3" RADIUS ON THE OUTSIDE CORNERS OF THE ALUMINUM BLANK.
- MOUNTING HOLES SHALL BE 7/16" DIAMETER.
- SEE CHART FOR HOLE SPACING REQUIREMENTS
- FOR SIGN PANELS WITH DIMENSION (H) 36" AND OVER, DIMENSION E SHALL BE 6"
- FOR SIGN PANELS WITH DIMENSION (H) UNDER 36", DIMENSION E SHALL BE 4"
- SIGN STRINGER MATERIAL SHALL CONSIST OF STEEL CHANNEL POST SECTIONS, WEIGHING 1.12 LBS/FT IN ACCORDANCE WITH SECTION 633.2.1 OF THE STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION.
- SEE SIGN PLATE A4-8 FOR SIGN STRINGER BOLTING REQUIREMENTS.

SIGN WIDTH	STRINGER WIDTH	POSTS	HOLE SPACING	MOUNTING HOLES
78"	72"	2	16"	15" 31" 47" 63"
84"	72"	2	17"	16½" 33½" 50½" 67½"
90"	72"	2	18"	18" 36" 54" 72"
96"	90"	2	19"	19½" 38½" 57½" 76½"
102"	90"	2	20"	21" 41" 61" 81"
108"	90"	2	21"	22½" 43½" 64½" 85½"
114"	108"	3	15"	12" 27" 42" 57" 72" 87" 102"
120"	108"	3	16"	12" 28" 44" 60" 76" 92" 108"
126"	108"	3	17"	12" 29" 46" 63" 80" 97" 114"
132"	126"	3	18"	12" 30" 48" 66" 84" 102" 120"
138"	126"	3	19"	12" 31" 50" 69" 88" 107" 126"
144"	126"	3	20"	12" 32" 52" 72" 92" 112" 132"

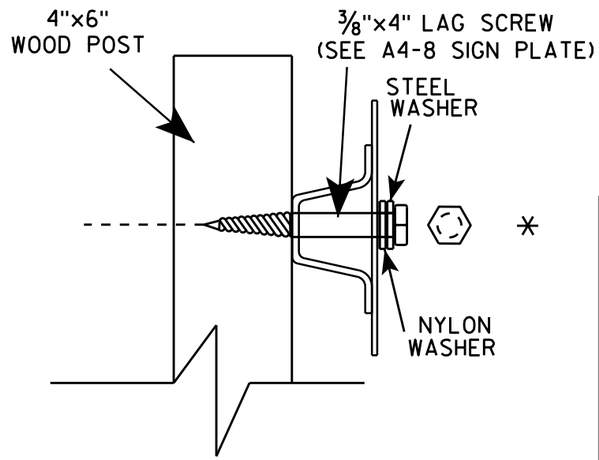


STRINGER

CROSS SECTION VIEW OF CHANNEL



POST MOUNTING



SIGN STRINGER MOUNTING REQUIREMENTS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch

for State Traffic Engineer

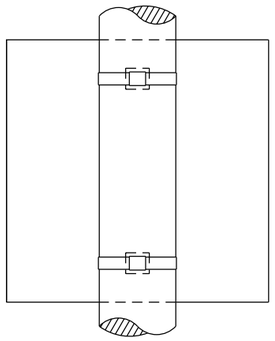
DATE 4/26/16 PLATE NO A4-18.1

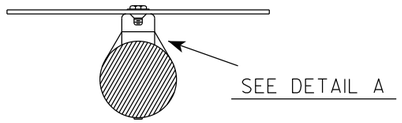
PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

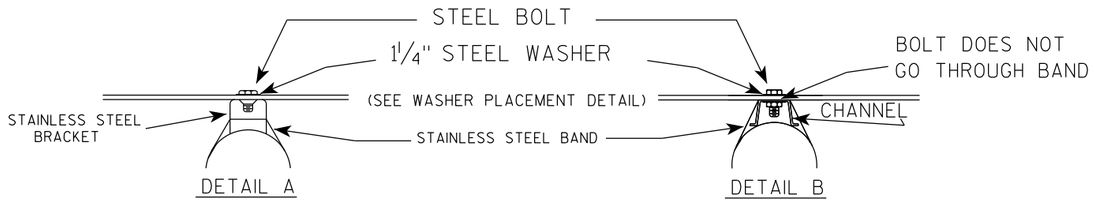
FILE NAME : C:\CAEfiles\Projects\tr_stdplate\A418.dgn PLOT DATE : 27-APR-2016 13:56 PLOT BY : mscj9h PLOT NAME : PLOT SCALE : 41.805205:1.000000 WISDOT/CADDS SHEET 42

BANDING

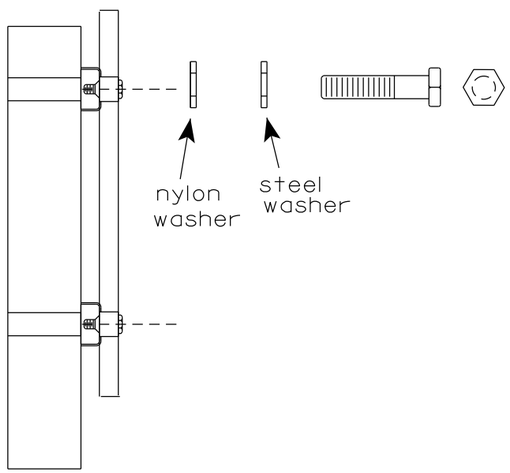
SINGLE SIGN







WASHER PLACEMENT

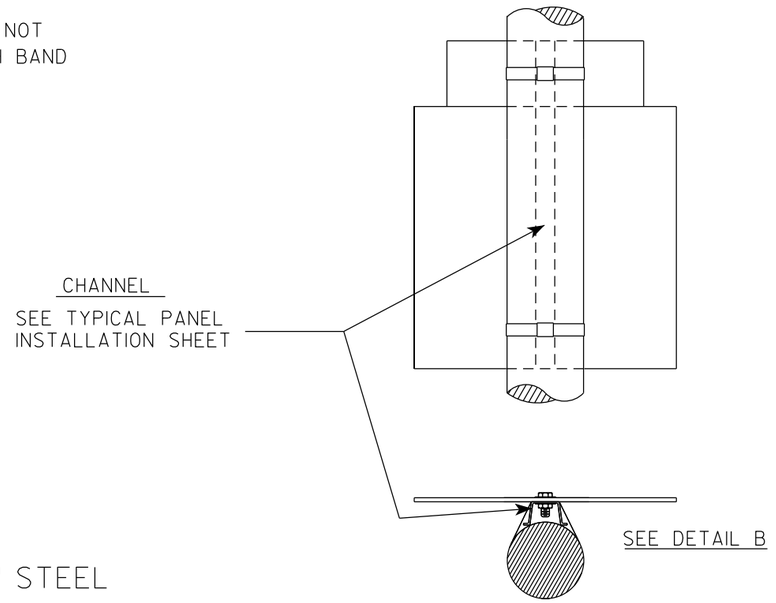


WASHERS (ALL POSTS) -
1-1/4" O.D. X 3/8" I.D. X 1/16" STEEL
1-1/4" O.D. X 3/8" I.D. X .080 NYLON
FOR ALL TYPE H SIGNS

GENERAL NOTES

1. Any sign over 3 feet in width shall use the V-Block banding method. See A5-10 standard plate.
2. Signs 3 feet or greater in height shall have three bracket bands installed. Signs less than 3 feet in height shall have two bracket bands installed.
3. Banding and assembly bracket shall be stainless steel. All bands shall be ¾" in width and 0.025" thickness.
4. ALL SIGN MOUNTING BOLTS AND WASHERS SHALL BE EITHER:
   a. Hot dip or mechanically galvanized in accordance with ASTM Designation: A 153, Class D
   b. Electro-galvanized in accordance with ASTM designation: B 633, Type III, SC 3

"J" ASSEMBLY



STANDARD SIGN
SIGN BANDING DETAILS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

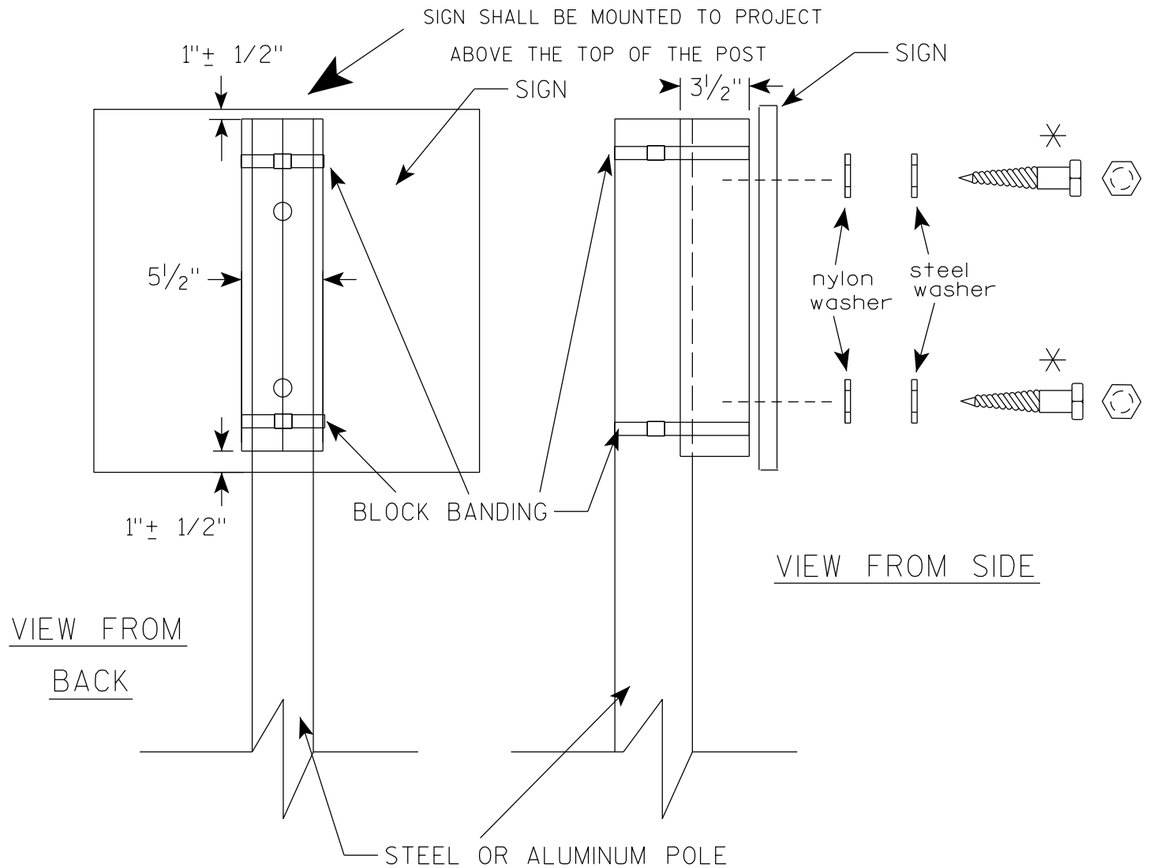
DATE 6/10/19 PLATE NO. A5-9.4

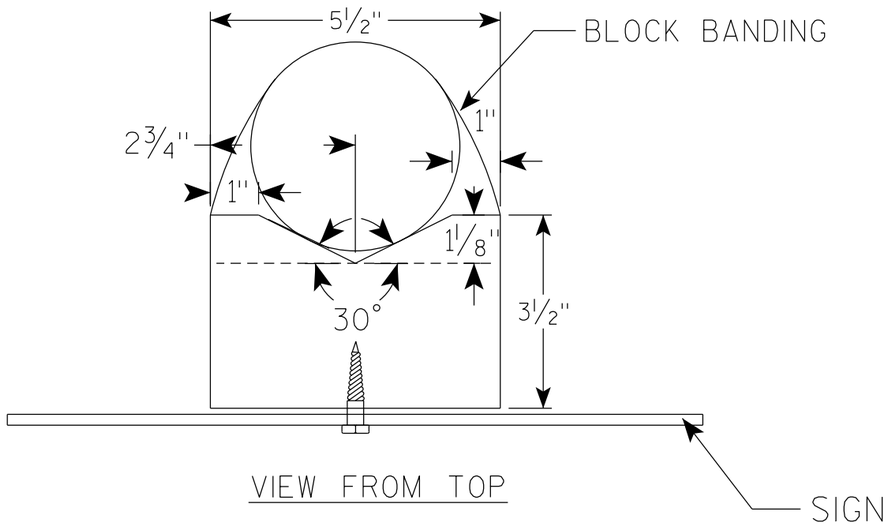
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 806	E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\A59.dgn PLOT DATE : 10-JUN 2019 4:10 PLOT BY : mscj9h PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42

7

7





GENERAL NOTES

1. WOOD 4"X6" POST MATERIAL SHALL CONFORM TO 507.2.2 OF THE WisDOT STANDARD SPECIFICATIONS
2. BLOCK BANDING AND CLIPS SHALL BE STAINLESS STEEL, ¾" WIDTH AND 0.025" THICKNESS
3. SIGNS 3' OR GREATER IN HEIGHT SHALL UTILIZE 3 BLOCK BANDS. SIGNS UNDER 3' IN HEIGHT SHALL UTILIZE 2 BLOCK BANDS
4. ACTUAL NUMBER OF FASTENERS PER SIGN VARIES WITH THE SIGN AREA, BUT NORNALLY THERE ARE TWO. FOR SIGNS GREATER THAN 9 S.F. 3 FASTENERS SHALL BE USED.
5. ALL SIGN MOUNTING BOLTS AND WASHERS SHALL BE EITHER:
   a. Hot dip or mechanically galvanized in accordance with ASTM Designation: A 153, Class D
   b. Electro-galvanized in accordance with ASTM Designation : B 633, TYPE III, SC 3
6. ALL BOLTS SHALL HAVE HEXAGONAL HEADS.
7. STEEL WASHERS SHALL BE 1¼" O.D. X ⅜" I.D. X 1/16"
8. NYLON WASHERS SHALL BE 1¼" O.D. X ⅜" I.D. X .080 FOR TYPE H OR TYPE F FACE SIGN

✳ LAG BOLTS SHALL BE ⅜" X 2½"

BLOCK BANDING DETAIL (V-BLOCK OPTION)

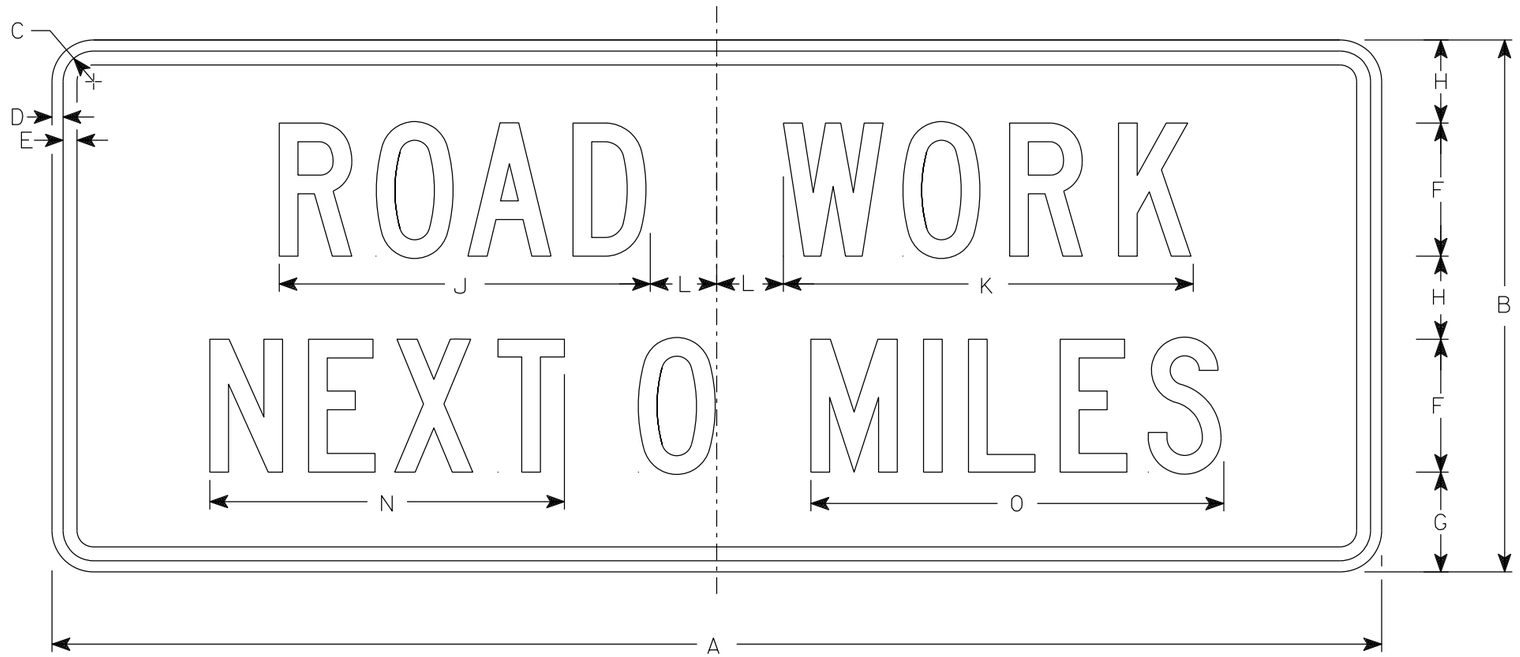
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 4/19/2022 PLATE NO. A5-10.3

PROJECT NO:

SHEET NO: 807 E



G20-1

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Round distance to nearest whole Mile and substitute appropriate numerals and optically adjust spacing to achieve proper balance

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	60	24	1 7/8	1/2	5/8	6	4 1/2	3 3/4		16 3/4	18 1/2	3		16	18 5/8												10.0
2M	60	24	1 7/8	1/2	5/8	6	4 1/2	3 3/4		16 3/4	18 1/2	3		16	18 5/8												10.0
3	60	24	1 7/8	1/2	5/8	6	4 1/2	3 3/4		16 3/4	18 1/2	3		16	18 5/8												10.0
4	60	24	1 7/8	1/2	5/8	6	4 1/2	3 3/4		16 3/4	18 1/2	3		16	18 5/8												10.0
5	60	24	1 7/8	1/2	5/8	6	4 1/2	3 3/4		16 3/4	18 1/2	3		16	18 5/8												10.0

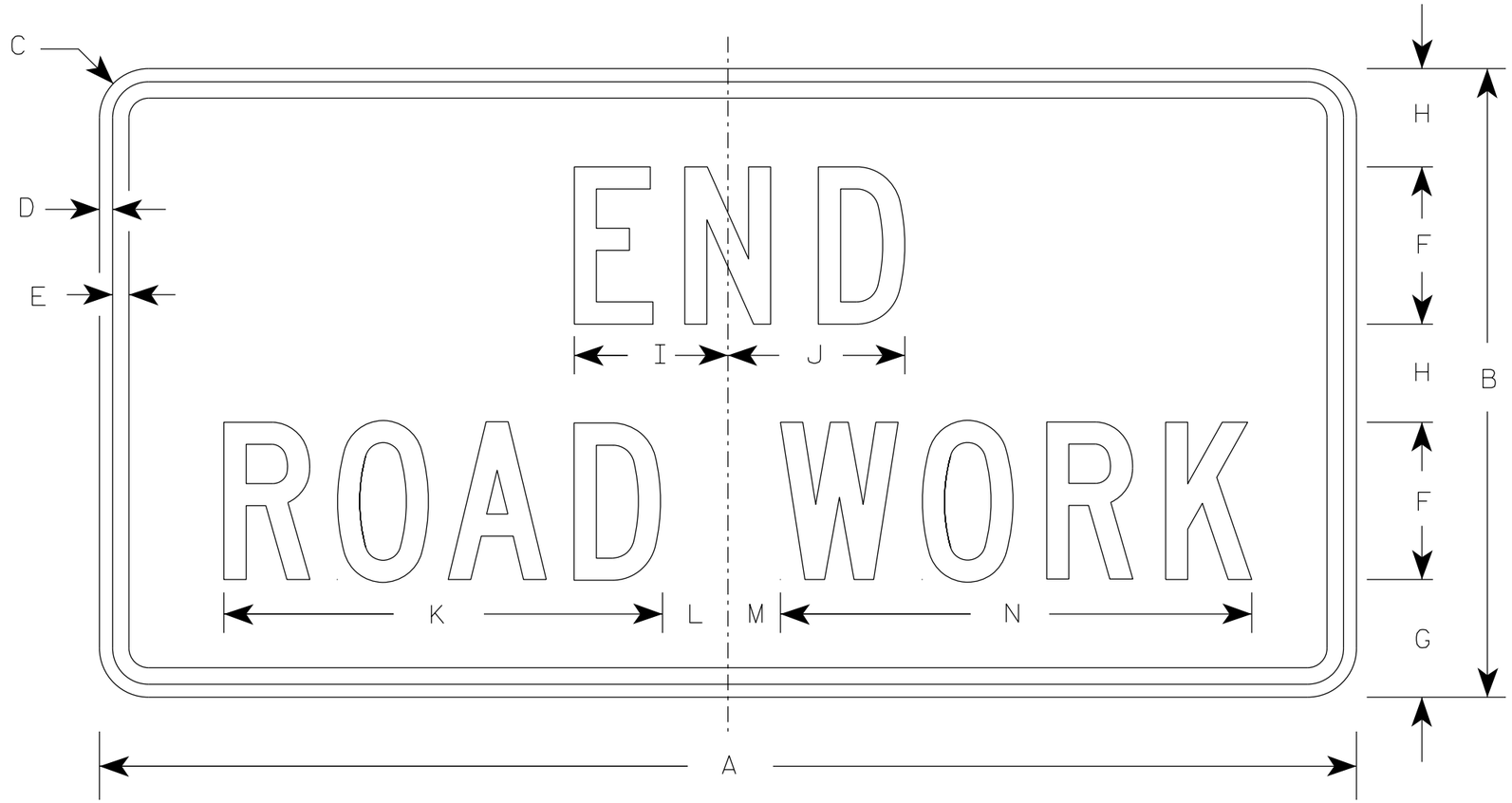
STANDARD SIGN
G20-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/26/2023 PLATE NO. G20-1.9

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 808	E



G20-2A

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36	18	1 1/2	3/8	1/2	4	3 3/4	2 1/2	4 1/8	4 1/8	11 1/8	2	1	12 1/8													4.5
2	48	24	1 7/8	1/2	5/8	6	4 1/2	3 3/4	5 7/8	6 3/4	16 3/4	2 1/2	1 3/4	18 1/2													8.0
2M	48	24	1 7/8	1/2	5/8	6	4 1/2	3 3/4	5 7/8	6 3/4	16 3/4	2 1/2	1 3/4	18 1/2													8.0
3	48	24	1 7/8	1/2	5/8	6	4 1/2	3 3/4	5 7/8	6 3/4	16 3/4	2 1/2	1 3/4	18 1/2													8.0
4	48	24	1 7/8	1/2	5/8	6	4 1/2	3 3/4	5 7/8	6 3/4	16 3/4	2 1/2	1 3/4	18 1/2													8.0
5	48	24	1 7/8	1/2	5/8	6	4 1/2	3 3/4	5 7/8	6 3/4	16 3/4	2 1/2	1 3/4	18 1/2													8.0

STANDARD SIGN

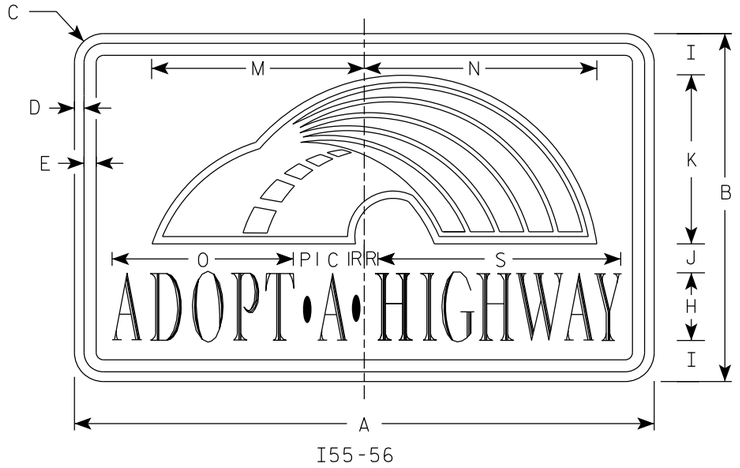
G20-2A

WISCONSIN DEPT OF TRANSPORTATION

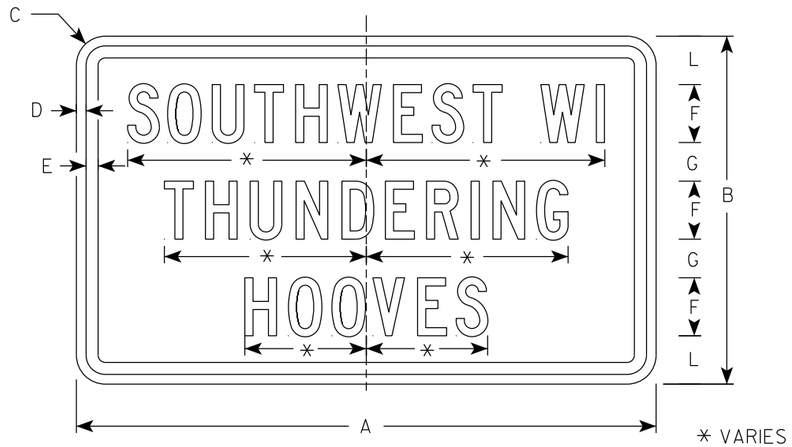
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/26/2023 PLATE NO. G20-2A.10

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 809 E



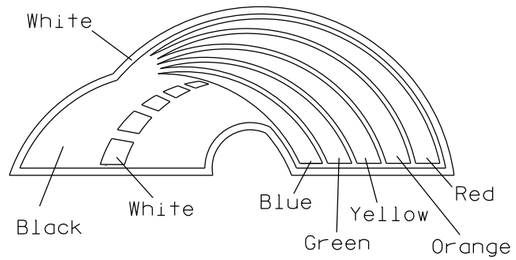
I55-56



I55-56P

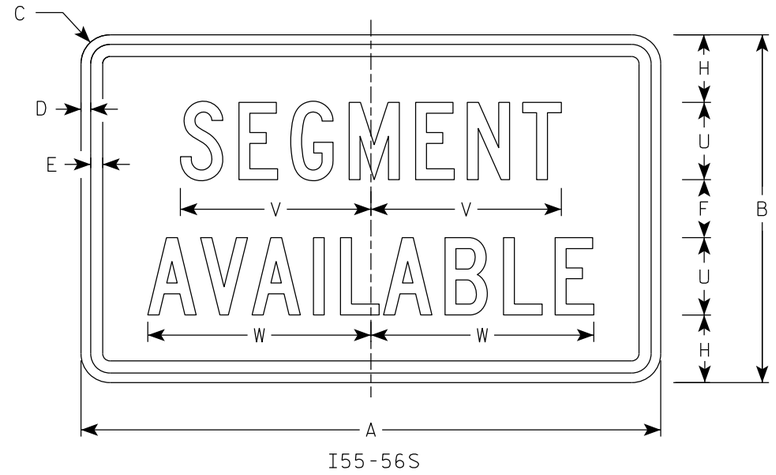
* VARIES

Background Colors of Symbol*



NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - Blue
   Message - White
   Rainbow detail - See Below
3. Message Series - Adopt a Highway - Dutch 8011L
   All other Text - Series C
4. Contractor shall provide and install a new post bracket in accordance with the I55-56B sign detail.



I55-56S

*1/4" Black Border between each color of rainbow and border of rainbow

*3/8" White Border surrounds the whole image of the rainbow

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	30	18	1 1/2	1/2	5/8	3	2	3 1/2	2 1/4	1 1/2	8 1/2	2 1/2	11	12	9 3/8	1 1/4		3/4	12 5/8	7 1/2	4	9 7/8	11 1/2				3.75
3																											
4																											
5																											

STANDARD SIGN
I55-56

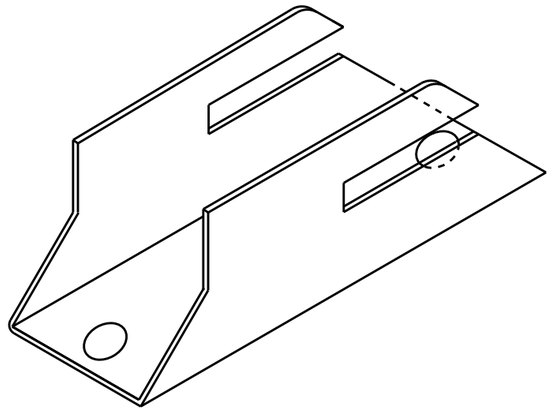
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

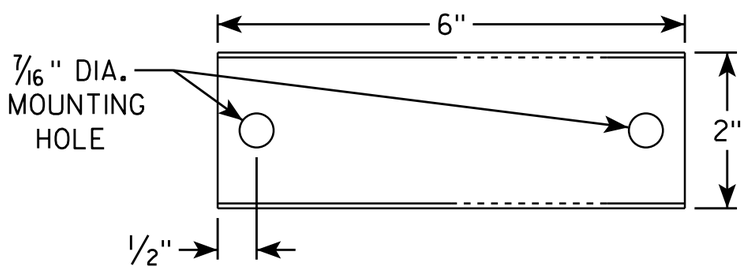
DATE 3/13/2025 PLATE NO. 155-56.5

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 810 | E

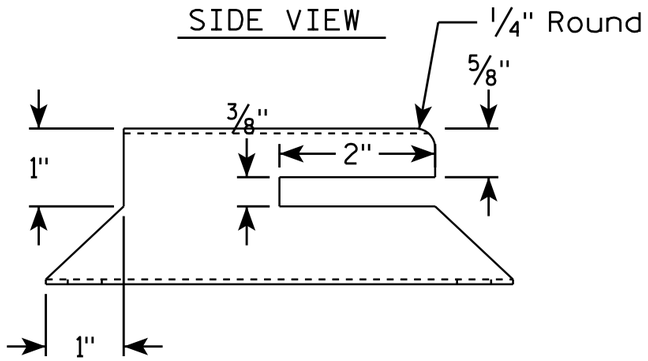
ISOMETRIC VIEW



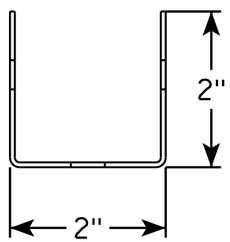
TOP VIEW



SIDE VIEW



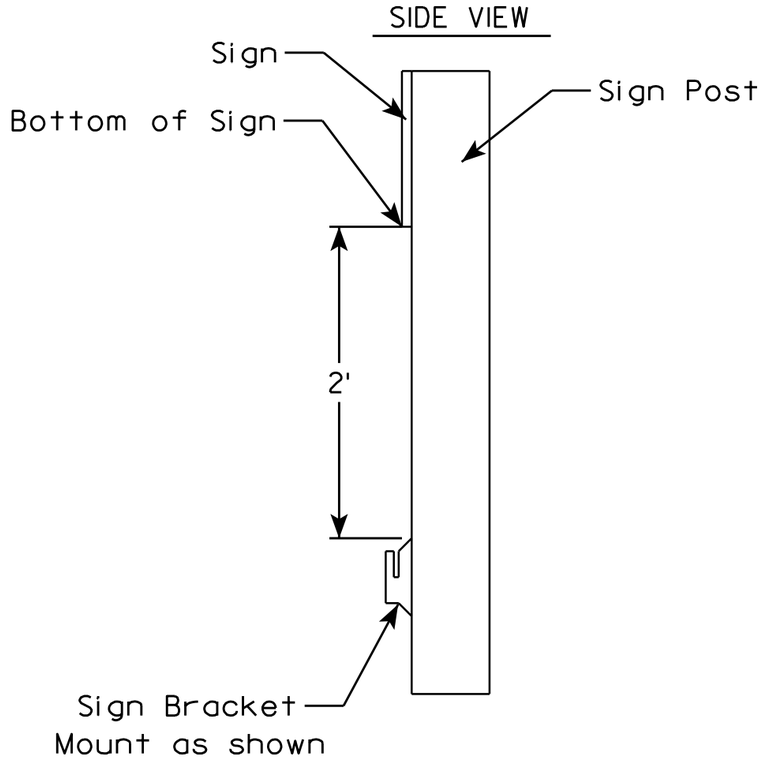
END VIEW



NOTES

1. Must be capable of permanent attachment to a wood or steel channel sign post utilizing the fastening hardware specified on the A4-8 sign plate.
2. Shall be entirely primed and painted with two coats of a black powder coated enamel paint.
3. Shall be made with 12 gauge steel, and incorporate no welds, no hinged components, no threaded lock-type components, and no parts which are loose or can be separated from the main body.
4. Shall have rounded edges with at least 1/8" radii.
5. Shall not have unrounded and uncoated metal edges which can contact the back surface of the roll-up sign.
6. Top of bracket shall be mounted 2' below the bottom of the I55-56 sign.
7. Cost of bracket and fastening hardware shall be incidental to the I55-56 sign.

SIDE VIEW



ROLLUP SIGN BRACKET
I55-56B

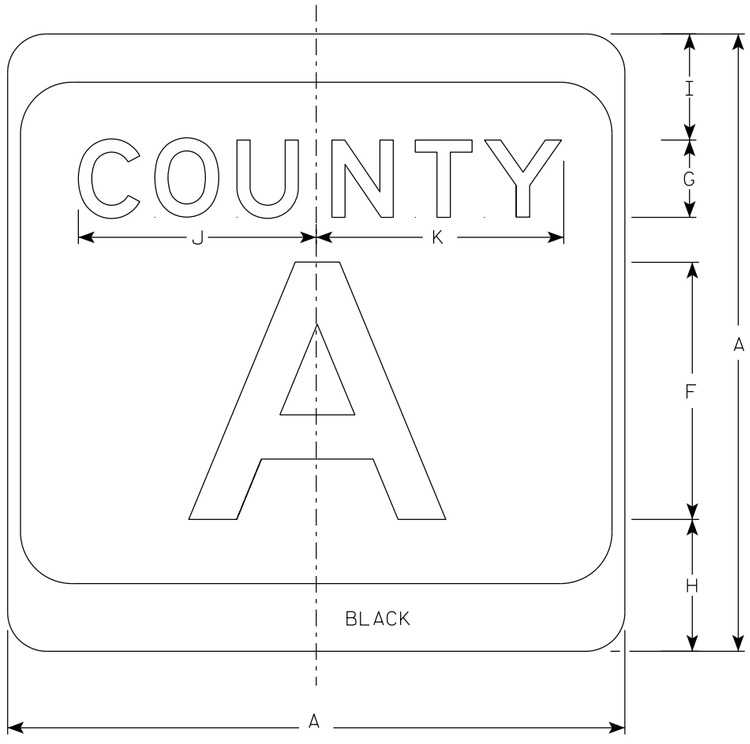
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

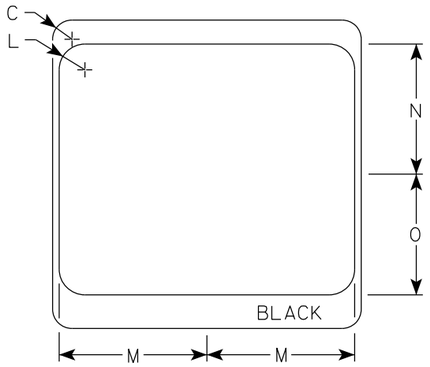
DATE 4/26/16 PLATE I55-56B.2

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\I5556B.DGN PLOT DATE : 26-APR-2016 17:29 PLOT BY : mscj9h PLOT NAME : PLOT SCALE : 1.945842:1.000000
WISDOT/CADDS SHEET 42

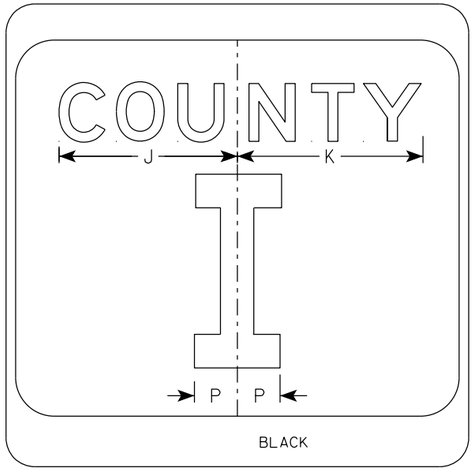


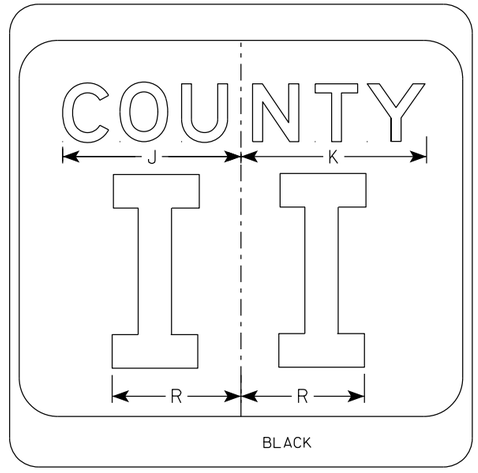
M1-5A



NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White & Black
   Message - Black
3. Message Series - see Note 4
4. Message Series E for 1 letter.
   Message Series D for 2 letters unless message is too big then Series C.
   Message Series C for 3 letters unless message is too big then Series B.
5. Substitute appropriate letters & optically center to achieve proper balance.





SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	24		1 1/2			10	3	5 1/8	4 1/8	9 1/4	9 5/8	2	11 1/2	10 1/8	9 3/8	2 1/4		6 5/8									4.0
2M	24		1 1/2			10	3	5 1/8	4 1/8	9 1/4	9 5/8	2	11 1/2	10 1/8	9 3/8	2 1/4		6 5/8									4.0
3	36		2 1/4			16	4	7 5/8	5 5/8	12 1/4	12 7/8	3	17 1/8	15 1/4	14	3 3/8		10									9.0
4	36		2 1/4			16	4	7 5/8	5 5/8	12 1/4	12 7/8	3	17 1/8	15 1/4	14	3 3/8		10									9.0
5	36		2 1/4			16	4	7 5/8	5 5/8	12 1/4	12 7/8	3	17 1/8	15 1/4	14	3 3/8		10									9.0

CTH MARKER
M1-5A FOR ASSEMBLIES

WISCONSIN DEPT OF TRANSPORTATION

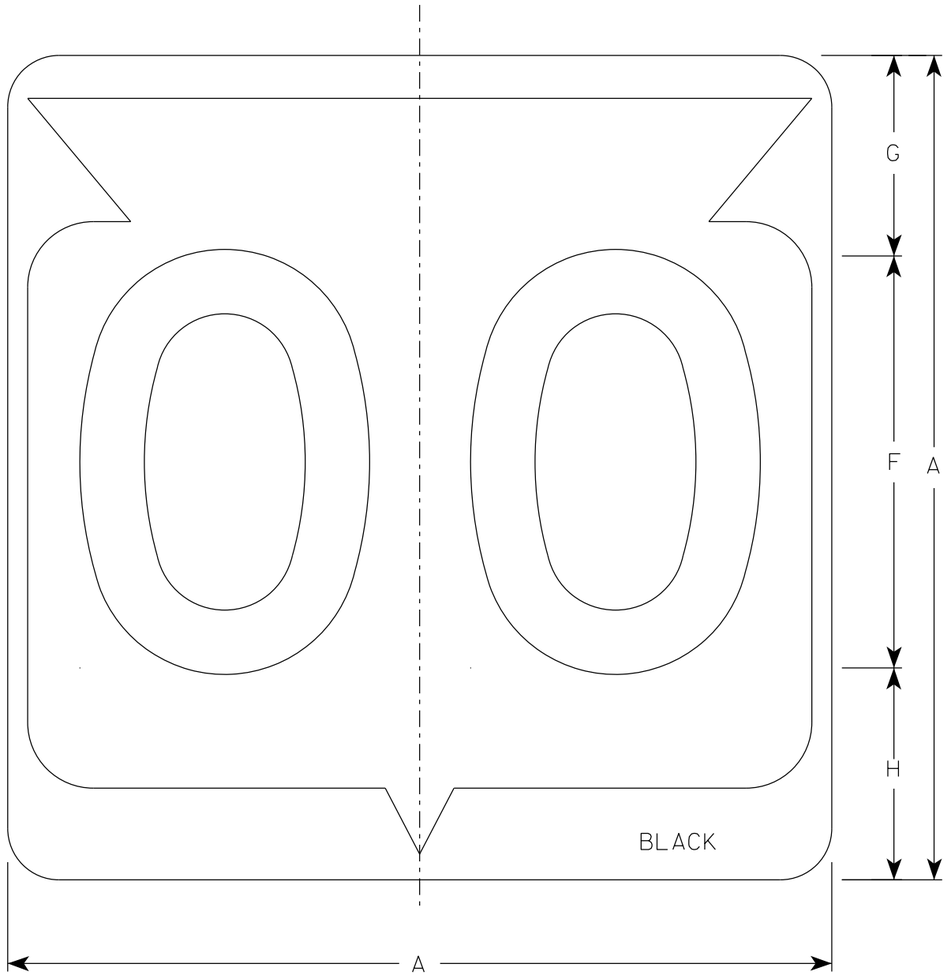
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/8/2022 PLATE NO. M1-5A.9

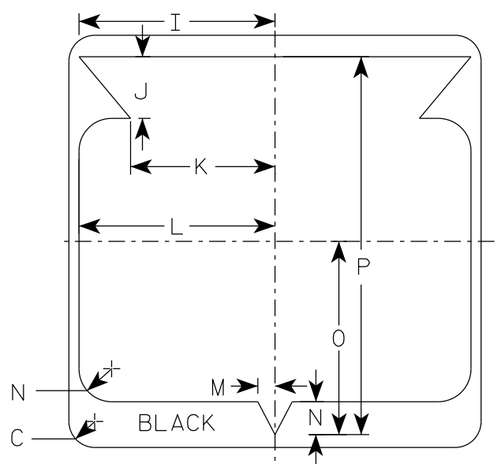
PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\M15A.dgn PLOT DATE : 8-NOV 2022 8:26 PLOT BY : dotc4c PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42

7



M1-6



NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - D except 3 number signs Series C

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	24		1 1/2			12	5 1/2	6 1/2	10 1/4	2 1/2	8 7/8	11 1/2	1	1 7/8	11 1/4	21 7/8											4.0
2M	24		1 1/2			12	5 1/2	6 1/2	10 1/4	2 1/2	8 7/8	11 1/2	1	1 7/8	11 1/4	21 7/8											4.0
3	36		2 1/4			18	8 3/4	9 1/4	15 3/8	5 3/8	12 5/8	17 1/8	1 1/2	2 7/8	16 7/8	33											9.0
4	36		2 1/4			18	8 3/4	9 1/4	15 3/8	5 3/8	12 5/8	17 1/8	1 1/2	2 7/8	16 7/8	33											9.0
5	36		2 1/4			18	8 3/4	9 1/4	15 3/8	5 3/8	12 5/8	17 1/8	1 1/2	2 7/8	16 7/8	33											9.0

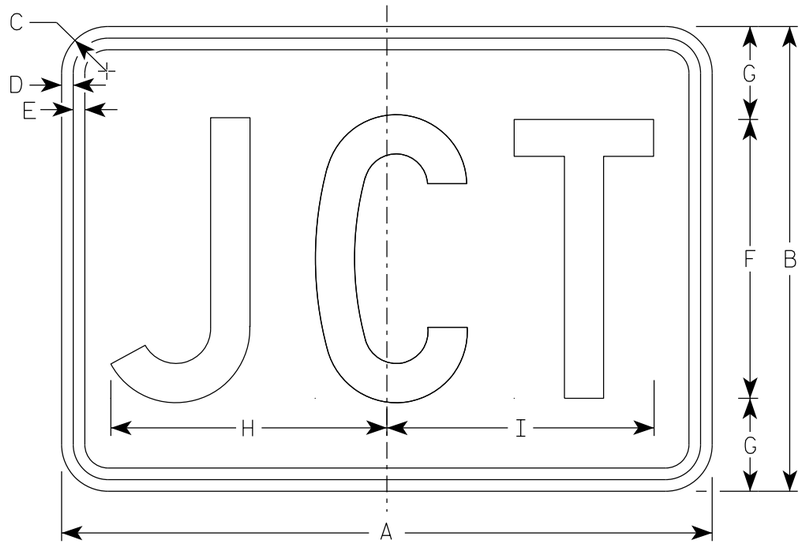
STATE ROUTE MARKER
M1-6 FOR ASSEMBLIES

WISCONSIN DEPT OF TRANSPORTATION

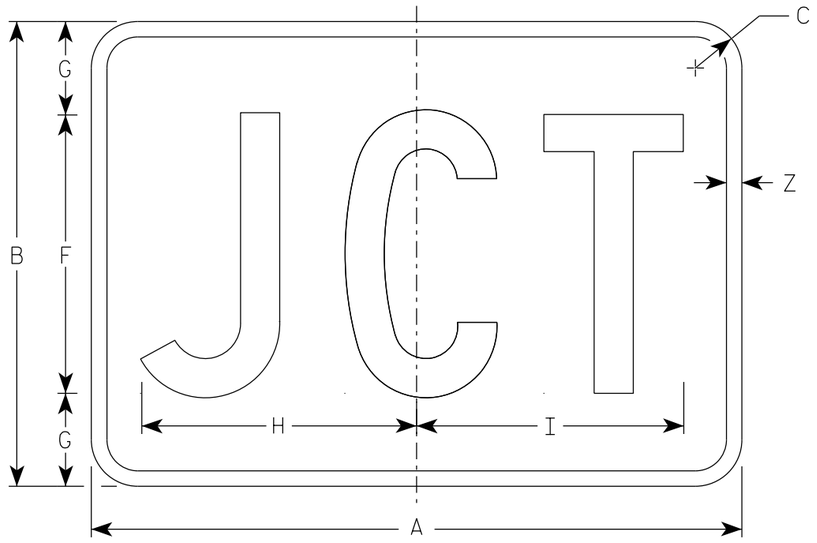
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/8/2022 PLATE NO. M1-6.11

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 813	E



M2-1
MM2-1
MP2-1



MB2-1
MK2-1
MN2-1
MR2-1

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - See note 5
   Message - See note 5
3. Message Series - C
4. M2-1 Background - White
   Message - Black
   MB2-1 Background - Blue
   Message - White
   MK2-1 Background - Green
   Message - White
   MM2-1 Background - White
   Message - Green
   MN2-1 Background - Brown
   Message - White
   MP2-1 Background - White
   Message - Blue
   MR2-1 Background - Brown
   Message - Yellow

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	21	15	1 1/2	3/8	3/8	9	3	8 7/8	8 5/8																	1/2	2.20
2M	21	15	1 1/2	3/8	3/8	9	3	8 7/8	8 5/8																	1/2	2.20
3	30	21	1 1/2	3/8	3/8	13	4	12 7/8	12 3/8																	1/2	4.40
4	30	21	1 1/2	3/8	3/8	13	4	12 7/8	12 3/8																	1/2	4.40
5	30	21	1 1/2	3/8	3/8	13	4	12 7/8	12 3/8																	1/2	4.40

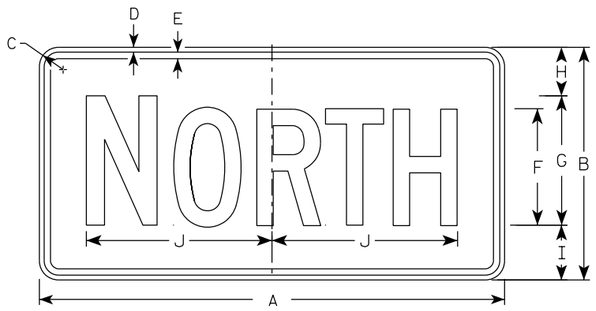
STANDARD SIGN
M2-1

WISCONSIN DEPT OF TRANSPORTATION

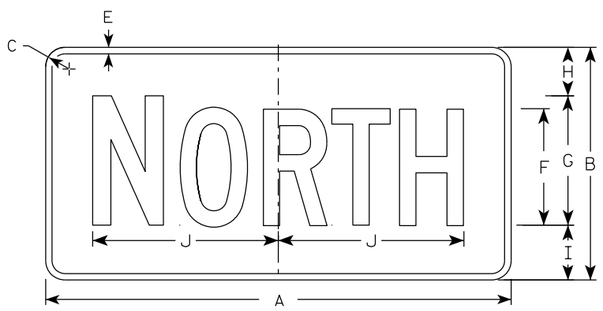
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/8/2023 PLATE NO. M2-1.14

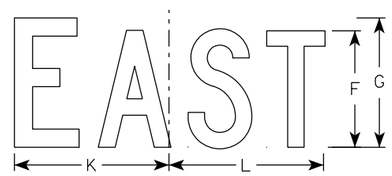
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 814 | E



M3-1
MM3-1
MP3-1

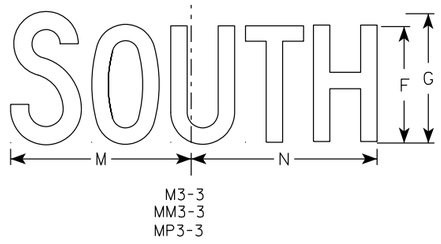


MB3-1
MK3-1
MN3-1

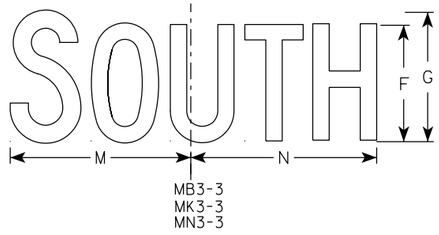


M3-2
MM3-2
MP3-2

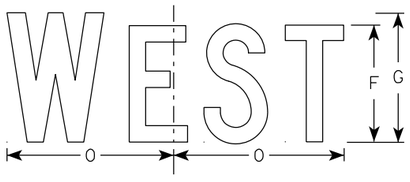
MB3-2
MK3-2
MN3-2



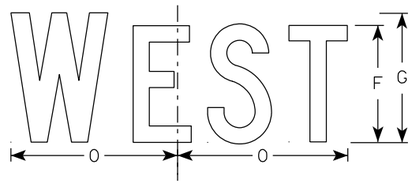
M3-3
MM3-3
MP3-3



MB3-3
MK3-3
MN3-3



M3-4
MM3-4
MP3-4



MB3-4
MK3-4
MN3-4

NOTES

1. All Signs Type II - Type H Reflective
2. Color:
   Background - See note 5
   Message - See note 5
3. Message Series - C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. M3-1 thru M3-4 Background - White
   Message - Black
   MB3-1 thru MB3-4 Background - Blue
   Message - White
   MK3-1 thru MK3-4 Background - Green
   Message - White
   MM3-1 thru MM3-4 Background - White
   Message - Green
   MN3-1 thru MN3-4 Background - Brown
   Message - White
   MP3-1 thru MP3-4 Background - White
   Message - Blue
6. Note the first letter of each direction is larger than the remainder of the message.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	24	12	1 1/2	3/8	3/8	6	7	2 1/4	2 3/4	10 1/4	7 7/8	8 3/8	10 1/4	9 3/4	8 3/4												2.00
2M	24	12	1 1/2	3/8	3/8	6	7	2 1/4	2 3/4	10 1/4	7 7/8	8 3/8	10 1/4	9 3/4	8 3/4												2.00
3	36	18	1 1/2	3/8	1/2	9	10	3 3/4	4 1/4	14 3/8	12	12 1/8	14	14 1/8	13												4.5
4	36	18	1 1/2	3/8	1/2	9	10	3 3/4	4 1/4	14 3/8	12	12 1/8	14	14 1/8	13												4.5
5	36	18	1 1/2	3/8	1/2	9	10	3 3/4	4 1/4	14 3/8	12	12 1/8	14	14 1/8	13												4.5

STANDARD SIGNS
M3-1 THRU M3-4
SERIES

WISCONSIN DEPT OF TRANSPORTATION

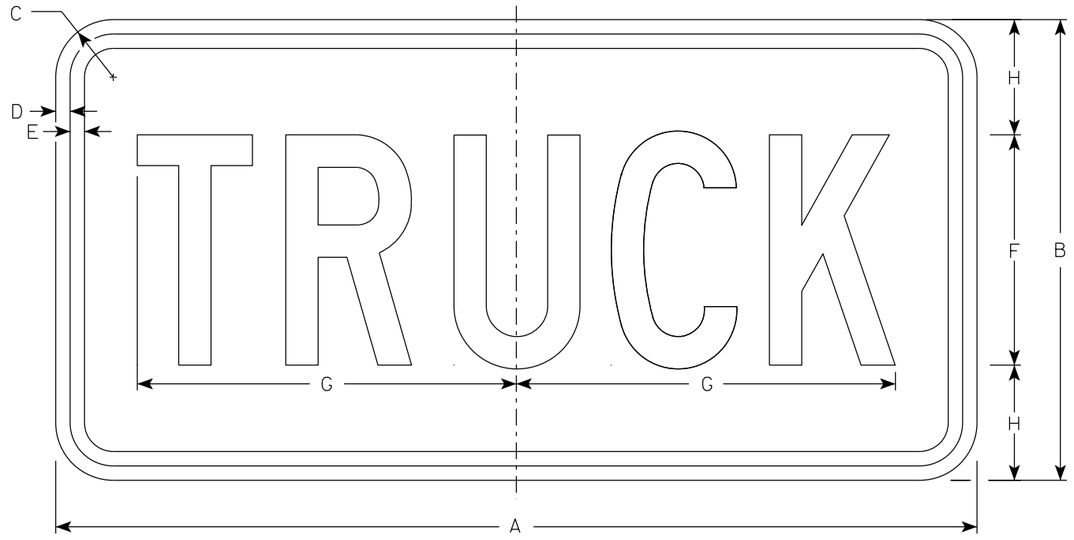
APPROVED Matthew R Rauch
For State Traffic Engineer

DATE 2/8/2023 PLATE NO. M3-1.15

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 815 | E

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - C



M4-4

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	24	12	1 1/2	3/8	3/8	6	9 7/8	3																			2.0
2M	24	12	1 1/2	3/8	3/8	6	9 7/8	3																			2.0
3	36	18	1 1/2	3/8	1/2	9	15 5/8	4 1/2																			4.5
4	36	18	1 1/2	3/8	1/2	9	15 5/8	4 1/2																			4.5
5	36	18	1 1/2	3/8	1/2	9	15 5/8	4 1/2																			4.5

STANDARD SIGN

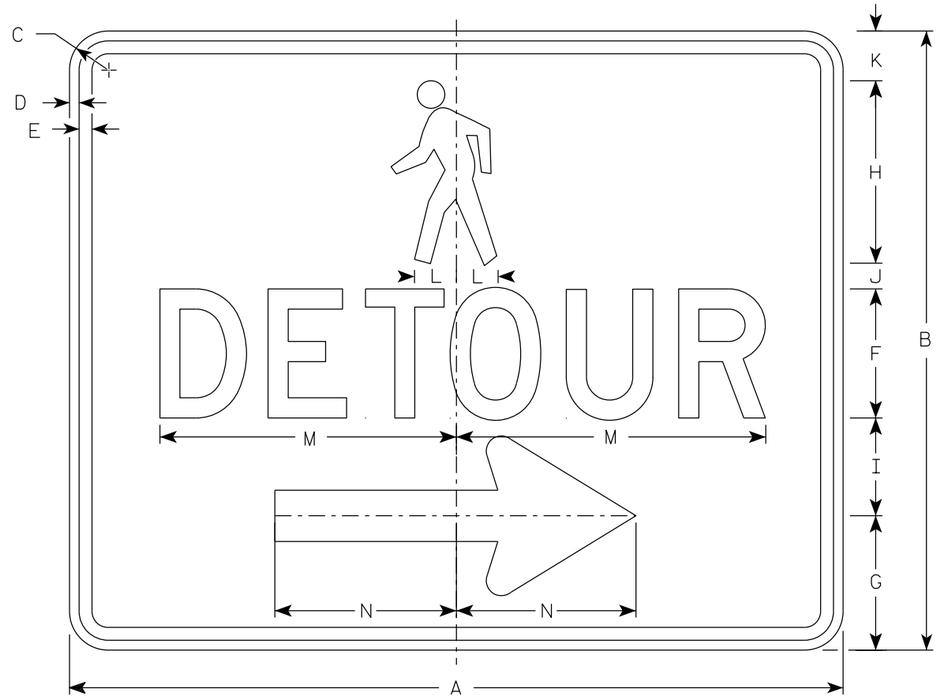
M4-4

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
For State Traffic Engineer

DATE 11/21/2022 PLATE NO. M4-4.4

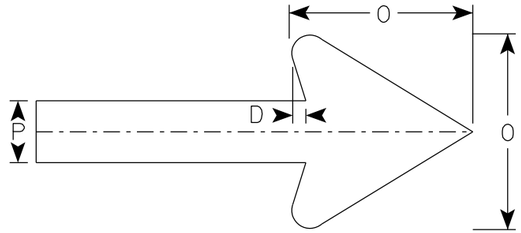
PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E



M4-9BR

NOTES

1. Sign is Type II-Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - D
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. M4-9BL is the same as M4-9BR except the arrow is reversed.



Arrow Detail

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	30	24	1 1/2	3/8	1/2	5	5 1/4	7 1/8	3 3/4	1	1 1/8	1 5/8	11 3/4	7	6	2											5.0
2M	30	24	1 1/2	3/8	1/2	5	5 1/4	7 1/8	3 3/4	1	1 1/8	1 5/8	11 3/4	7	6	2											5.0
3																											
4																											
5																											

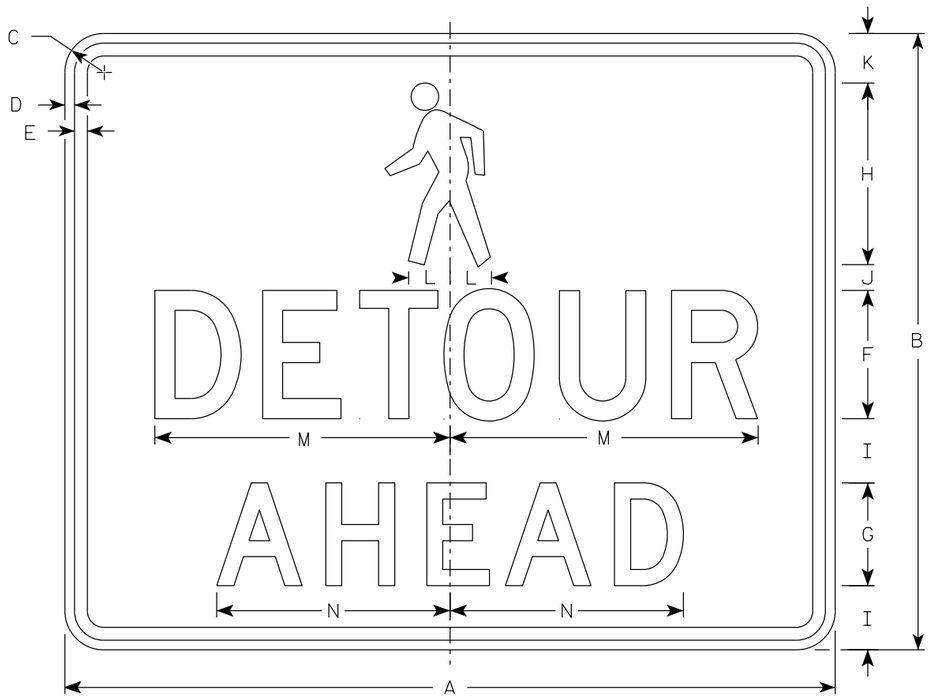
STANDARD SIGN
M4-9B L&R

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
For State Traffic Engineer

DATE 2/9/2023 PLATE NO. M4-9B.4

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 817 | E



M4-9BA

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - D
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	30	24	1 1/2	3/8	1/2	5	4	7 1/8	2 1/2	1	1 7/8	1 5/8	11 3/4	9 1/8													5.0
2M	30	24	1 1/2	3/8	1/2	5	4	7 1/8	2 1/2	1	1 7/8	1 5/8	11 3/4	9 1/8													5.0
3																											
4																											
5																											

STANDARD SIGN
M4-9BA

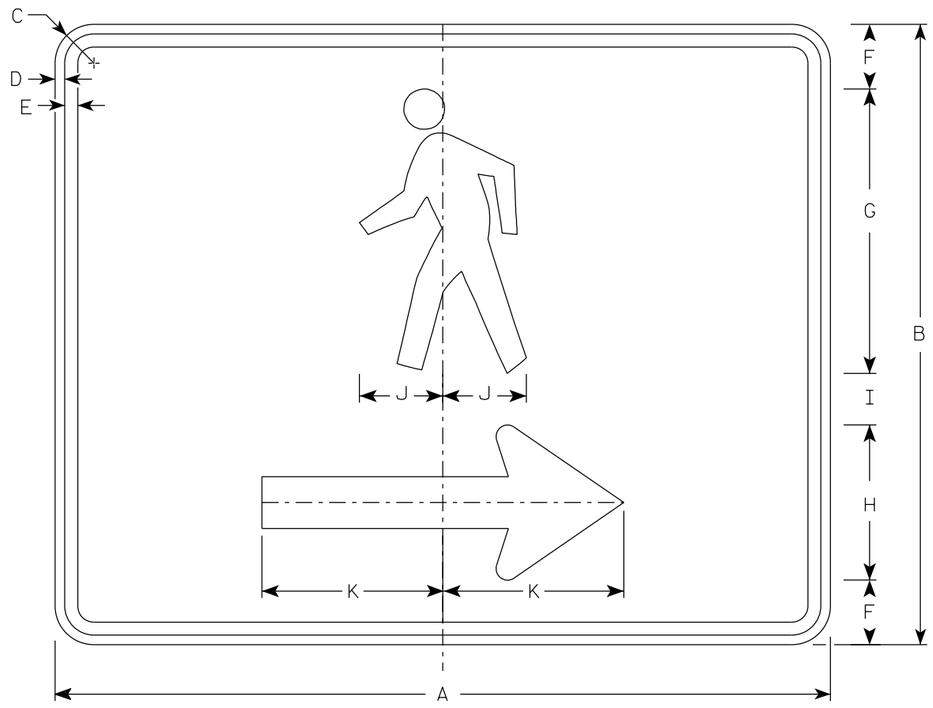
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer
DATE 2/9/2023 PLATE NO. M4-9BA.3

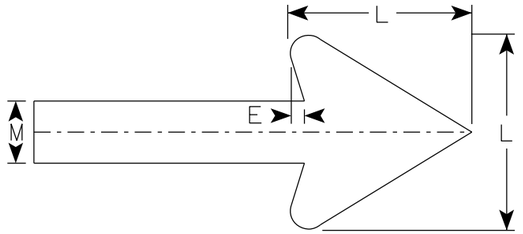
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 818	E

NOTES

1. Sign is Type II- Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. M4-60L is the same as M4-60R except the arrow is reversed.



M4-60R



Arrow Detail

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	30	24	1 ½	⅜	½	2 ½	11	6	2	3 ¼	7	6	2														5.00
2M	30	24	1 ½	⅜	½	2 ½	11	6	2	3 ¼	7	6	2														5.00
3																											
4																											
5																											

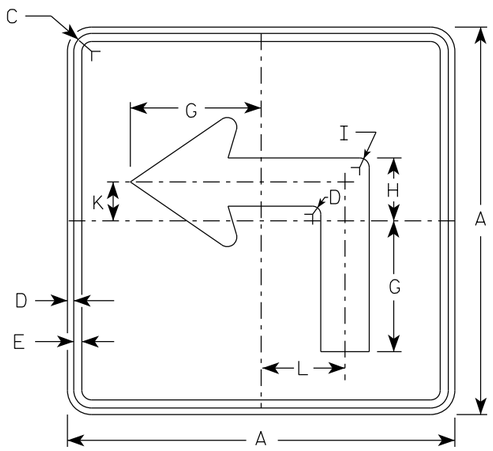
STANDARD SIGN
M4-60 L&R

WISCONSIN DEPT OF TRANSPORTATION

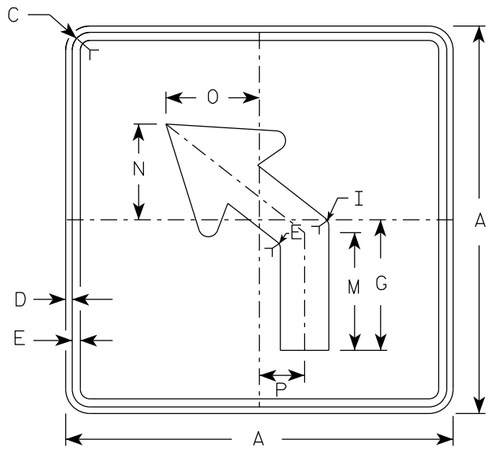
APPROVED Matthew R Rauch
For State Traffic Engineer

DATE 2/14/2023 PLATE NO. M4-60.2

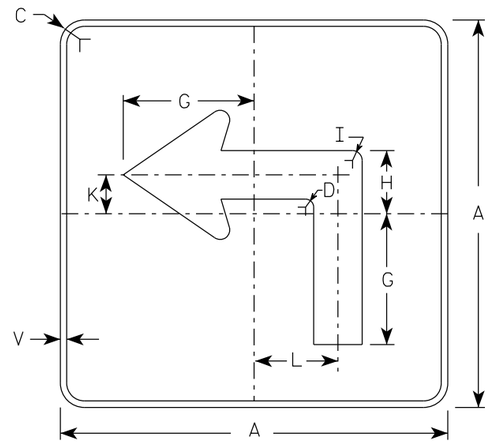
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 819 | E



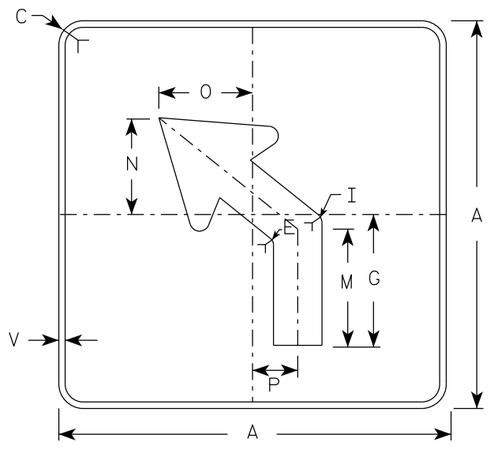
M5-1L
MM5-1L
MO5-1L
MP5-1L



M5-2L
MM5-2L
MO5-2L
MP5-2L



MB5-1L
MK5-1L
MN5-1L
MR5-1L

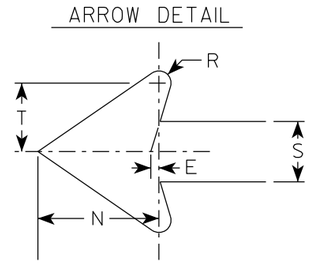


MB5-2L
MK5-2L
MN5-2L
MR5-2L

NOTES

1. Signs are Type II - Type H reflective except as shown
2. Color:
   Background - See note 4
   Message - See note 4
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. M5-1 and M5-2 Background - White
   Message - Black
   MB5-1 and MB5-2 Background - Blue
   Message - White
   MK5-1 and MK5-2 Background - Green
   Message - White
   MM5-1 and MM5-2 Background - White
   Message - Green
   MN5-1 and MN5-2 Background - Brown
   Message - White
   MO5-1 and MO5-2 Background - Orange - Type F Reflective
   Message - Black
   MP5-1 and MP5-2 Background - White
   Message - Blue
   MR5-1 and MR5-2 Background - Brown
   Message - Yellow
5. M5-1R same as M5-1L except arrow points right.
6. M5-2R same as M5-2L except arrow tilts right.

ARROW DETAIL



SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	21		1 1/2	3/8	3/8		7	3 3/8	5/8		2 1/8	4 1/2	6 3/8	5 1/4	5	2 1/2		1/2	2 5/8	3		1/2					3.06
2M	21		1 1/2	3/8	3/8		7	3 3/8	5/8		2 1/8	4 1/2	6 3/8	5 1/4	5	2 1/2		1/2	2 5/8	3		1/2					3.06
3	30		1 7/8	1/2	5/8		10 1/8	4 7/8	7/8		3	6 1/2	9 1/8	7 1/2	7 1/4	3 1/2		3/4	3 3/4	4 1/4		1/2					6.25
4	30		1 7/8	1/2	5/8		10 1/8	4 7/8	7/8		3	6 1/2	9 1/8	7 1/2	7 1/4	3 1/2		3/4	3 3/4	4 1/4		1/2					6.25
5	30		1 7/8	1/2	5/8		10 1/8	4 7/8	7/8		3	6 1/2	9 1/8	7 1/2	7 1/4	3 1/2		3/4	3 3/4	4 1/4		1/2					6.25

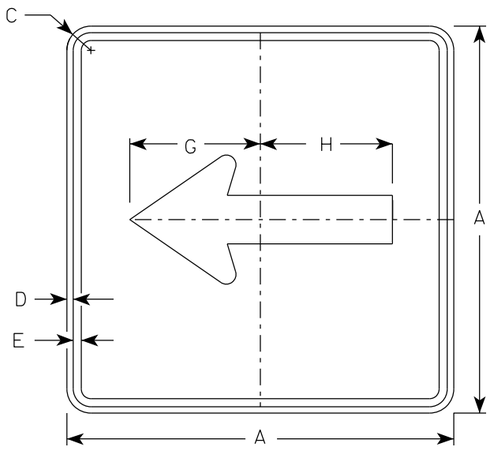
STANDARD SIGN
M5-1 & M5-2

WISCONSIN DEPT OF TRANSPORTATION

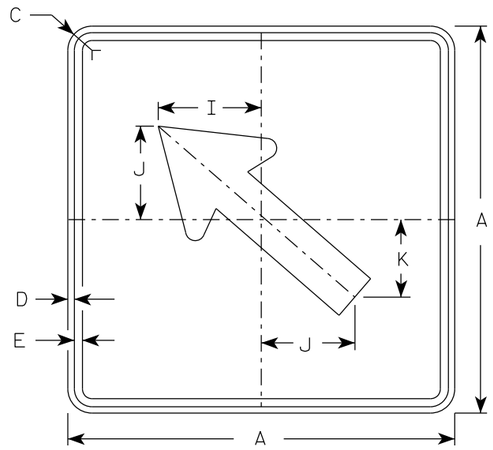
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/13/2023 PLATE NO. M5-1.15

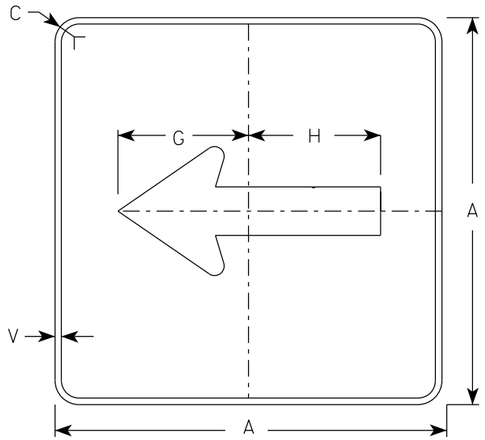
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 820 | E



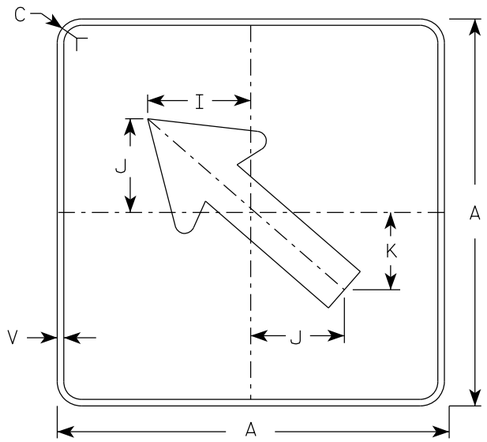
M6-1
MM6-1
MO6-1
MP6-1



M6-2
MM6-2
MO6-2
MP6-2



MB6-1
MK6-1
MN6-1
MR6-1

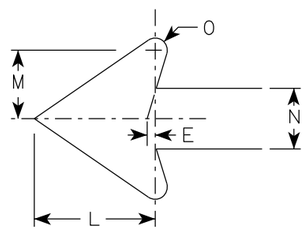


MB6-2
MK6-2
MN6-2
MR6-2

NOTES

1. Signs are Type II - Type H Reflective except as Shown
2. Color:
   Background - See note 4
   Message - See note 4
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. M6-1 and M6-2 Background - White
   Message - Black
   MB6-1 and MB6-2 Background - Blue
   Message - White
   MK6-1 and MK6-2 Background - Green
   Message - White
   MM6-1 and MM6-2 Background - White
   Message - Green
   MN6-1 and MN6-2 Background - Brown
   Message - White
   MO6-1 and MO6-2 Background - Orange - Type F Reflective
   Message - Black
   MP6-1 and MP6-2 Background - White
   Message - Blue
   MR6-1 and MR6-2 Background - Brown
   Message - Yellow

ARROW DETAIL



SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	21		1 1/2	3/8	3/8		7 1/2	7 1/8	5 5/8	5	4 1/4	5 1/4	3	2 5/8	1/2							1/2					3.06
2M	21		1 1/2	3/8	3/8		7 1/2	7 1/8	5 5/8	5	4 1/4	5 1/4	3	2 5/8	1/2							1/2					3.06
3	30		1 7/8	1/2	5/8		10 3/4	10 1/4	8	7 1/4	6	7 1/2	4 1/4	3 3/4	3/4							1/2					6.25
4	30		1 7/8	1/2	5/8		10 3/4	10 1/4	8	7 1/4	6	7 1/2	4 1/4	3 3/4	3/4							1/2					6.25
5	30		1 7/8	1/2	5/8		10 3/4	10 1/4	8	7 1/4	6	7 1/2	4 1/4	3 3/4	3/4							1/2					6.25

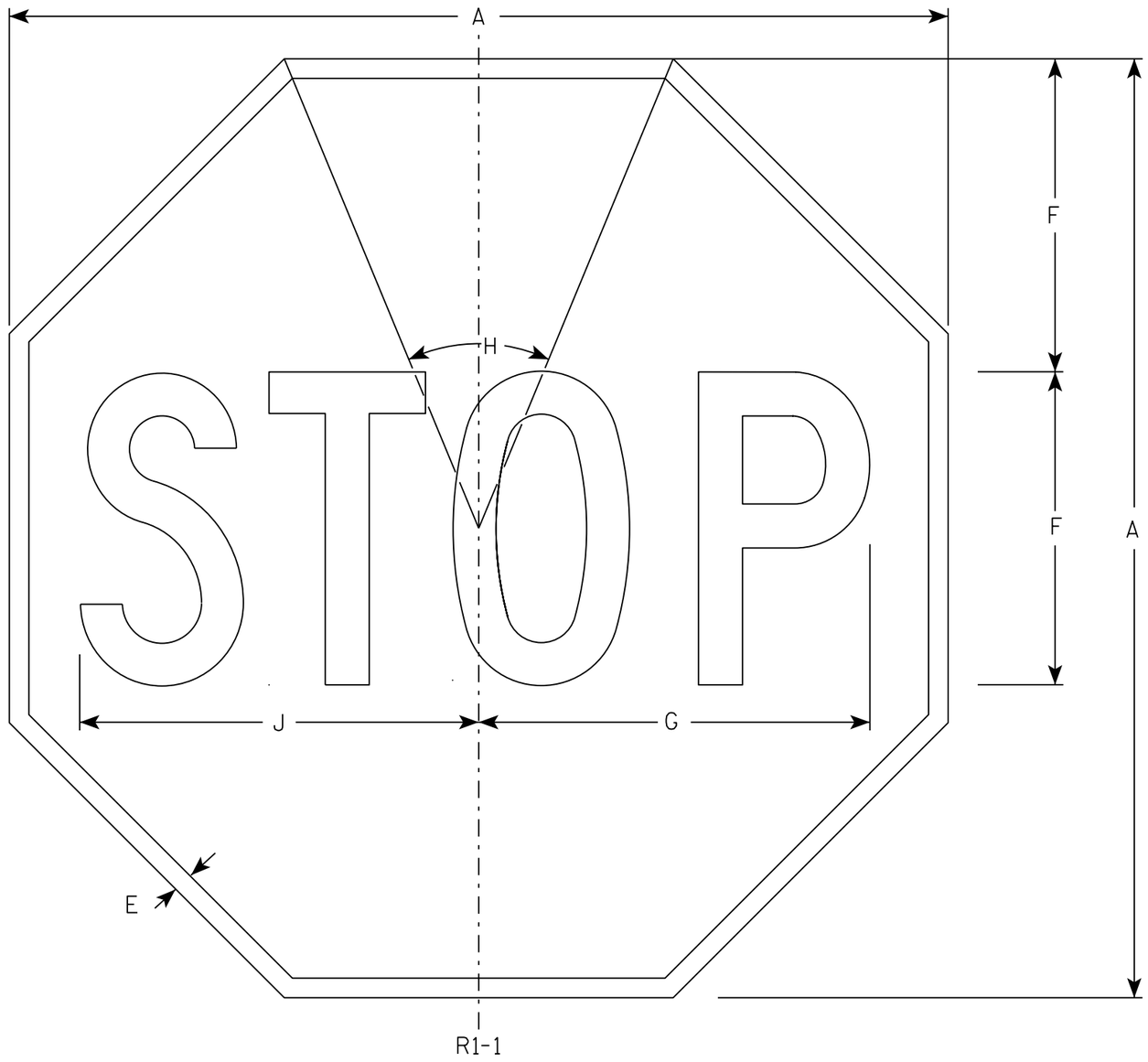
STANDARD SIGN M6-1 & M6-2 SERIES

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
For State Traffic Engineer

DATE 2/13/2023 PLATE NO. M6-1.16

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 821 | E



NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Red
   Message - White
3. Message Series - C

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	30				5/8	10	12 1/2	45°		12 3/4																	5.18
2S	30				5/8	10	12 1/2	45°		12 3/4																	5.18
2M	36				3/4	12	15	45°		15 3/8																	7.46
3	36				3/4	12	15	45°		15 3/8																	7.46
4	48				1	16	20	45°		20 1/2																	13.25
5	48				1	16	20	45°		20 1/2																	13.25
6	18				3/8	6	7 3/4	45°		7 3/4																	1.86
7	12				1/4	4	5	45°		5 1/8																	0.78

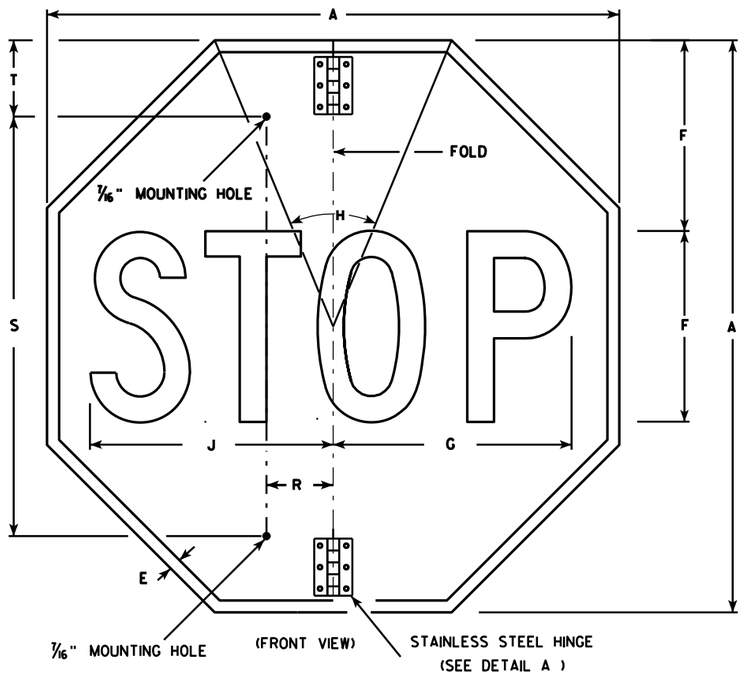
STANDARD SIGN
R1-1

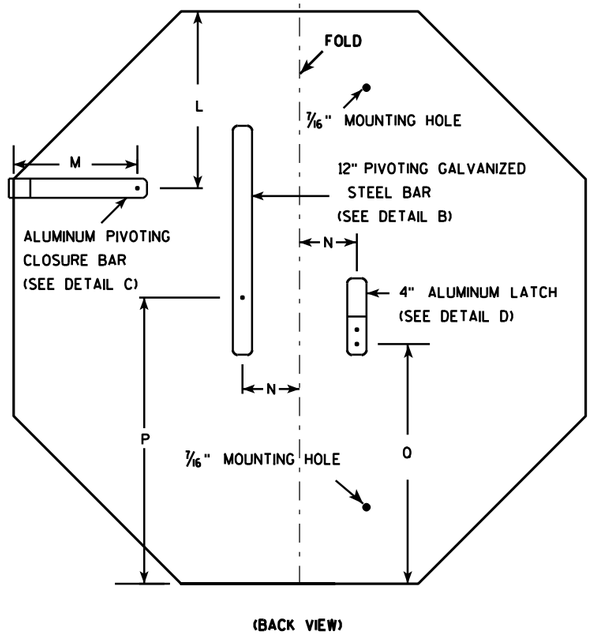
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/12/15 PLATE NO. R1-1.13

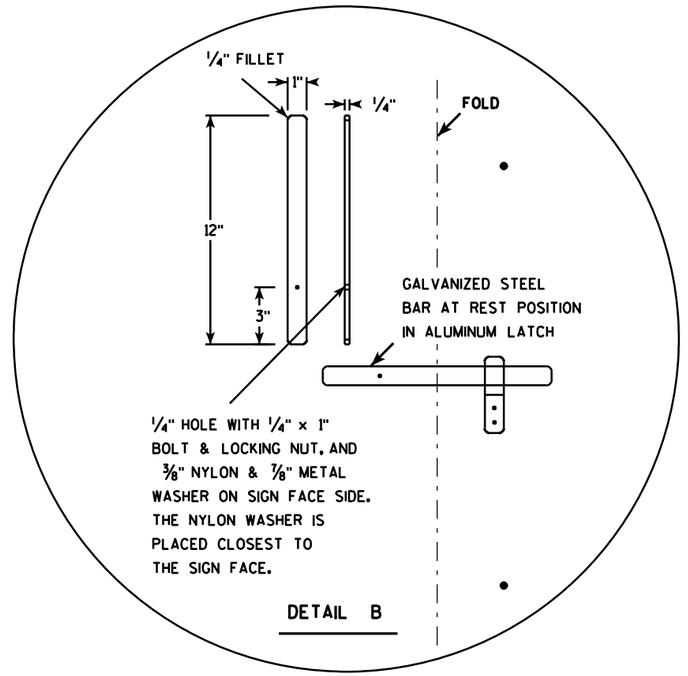
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 822	E

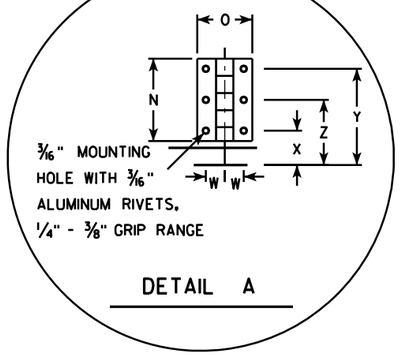


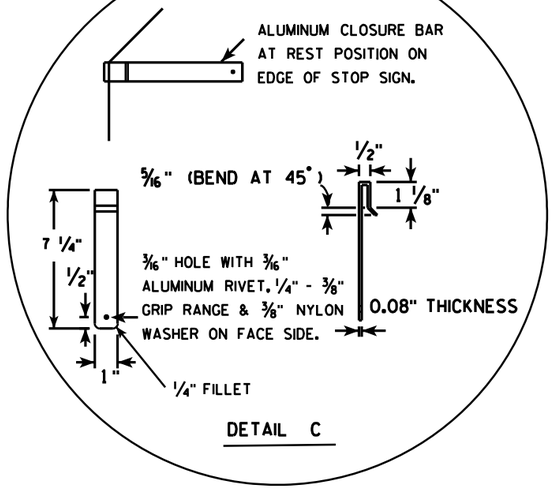


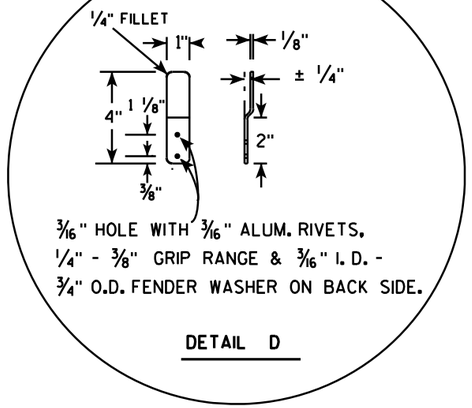
NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Red
   Message - White
3. Message Series - C
4. All hardware used on the folding STOP sign installation shall conform to 637.2.4 of the WIS DOT Standard Specification.









SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	O	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	30				5/8	10	12 1/2	45		12 3/4		9 1/4	6 1/2	3	2	15	12 3/8	2 1/2	22	5			11/16	1 1/4	3 1/2	2 3/8	5.18
2M	36				3/4	12	15	45		15 3/8		11	6 1/2	3	2	18	15 3/8	2 1/2	26	5			11/16	1 1/4	3 1/2	2 3/8	7.46
3	36				3/4	12	15	45		15 3/8		11	6 1/2	3	2	18	15 3/8	2 1/2	26	5			11/16	1 1/4	3 1/2	2 3/8	7.46
4																											
5																											

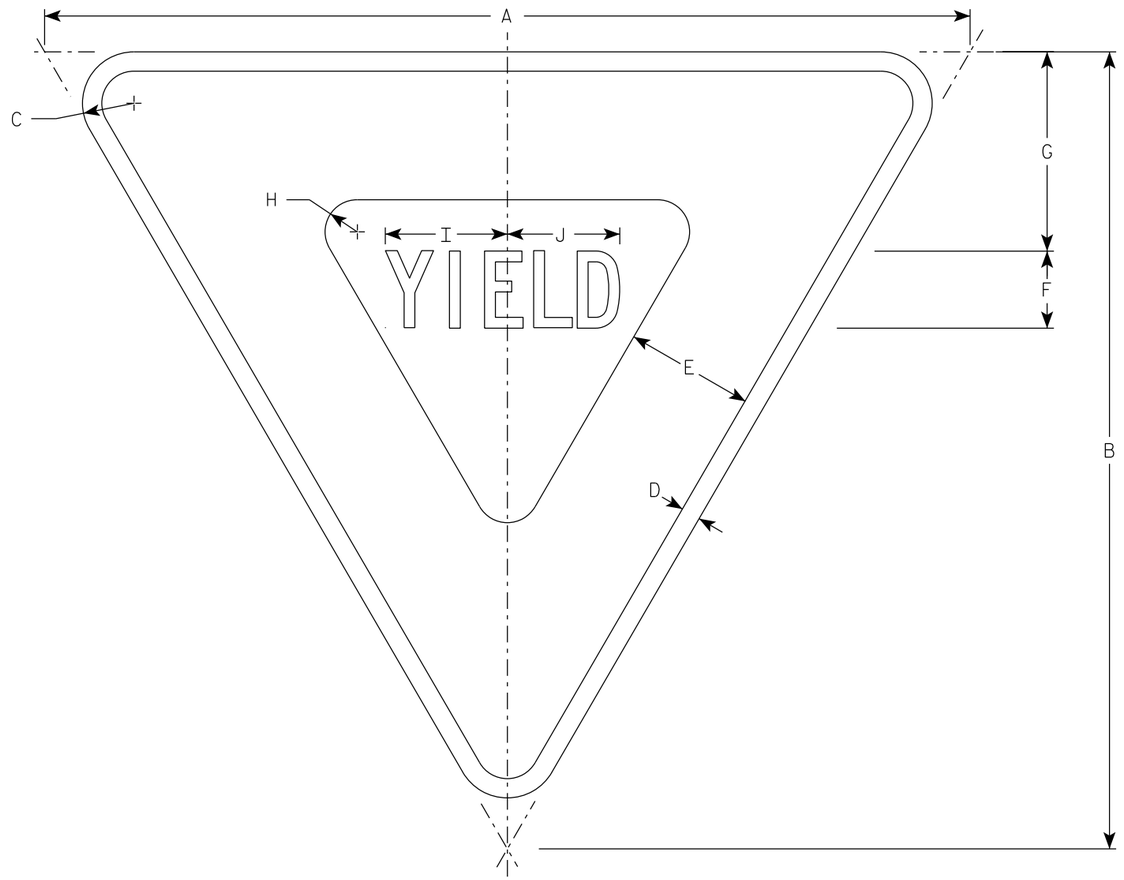
STANDARD SIGN
R1-1F

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 12/03/10 PLATE NO. R1-1F.3

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 823	E



R1-2

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - See note 4
3. Message Series - C
4. The border strip and word message are reflectorized red.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	30	26	2	5/8	4	2 1/2	6 3/8	7/8	4	3 5/8																	2.71
2S	36	31	2	3/4	5	3	7 3/4	1 1/4	4 3/4	4 3/8																	3.88
2M	48	42	3	1	6	4	9 3/4	2	6 1/4	5 7/8																	7.00
3	48	42	3	1	6	4	9 3/4	2	6 1/4	5 7/8																	7.00
4	48	42	3	1	6	4	9 3/4	2	6 1/4	5 7/8																	7.00
5	60	52	3	1 1/2	8	5	13	2 1/2	7 7/8	7 1/4																	10.83
6																											
7	18	15 1/2	1	3/8	2 1/2	1 1/2	3 7/8	5/8	2 3/8	2 1/4																	0.97

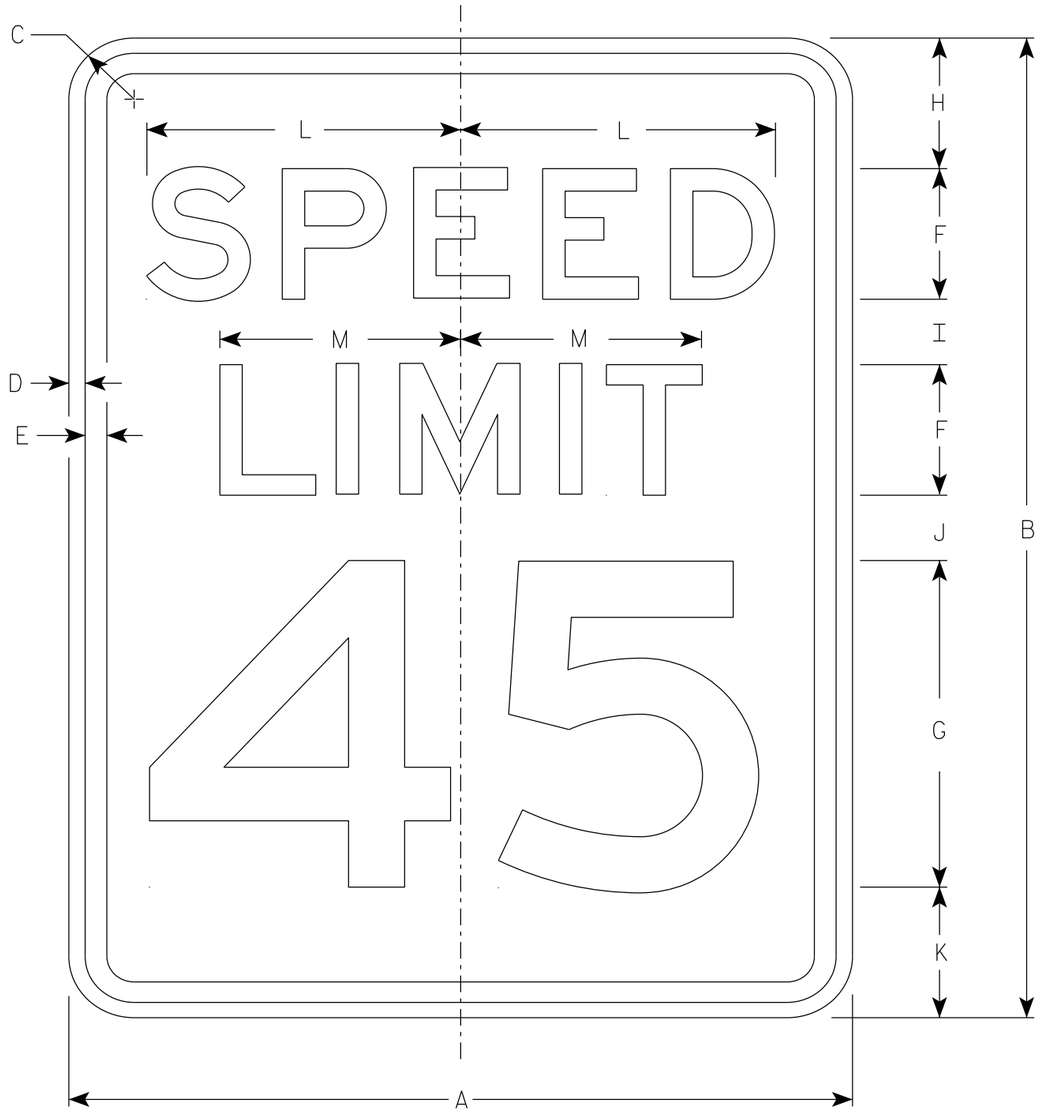
STANDARD SIGN
R1-2

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 9/10/2024 PLATE NO. R1-2.13

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 824	E



R2-1

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - E
4. Substitute appropriate numerals and optically adjust spacing to achieve proper balance.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	18	24	1 1/2	3/8	1/2	3	8	3	2	2	3	7 1/4	5 1/2														3.0
2S	24	30	1 1/2	3/8	1/2	4	10	3	2 1/4	3 3/8	3 3/8	9 5/8	7 3/8														5.0
2M	30	36	1 7/8	1/2	5/8	5	12	5	2 1/2	2 1/2	4	12	9 1/4														7.5
3	36	48	1 7/8	1/2	5/8	6	14	6	5	5	6	14 3/8	11														12.0
4	36	48	1 7/8	1/2	5/8	6	14	6	5	5	6	14 3/8	11														12.0
5	48	60	3	3/4	1	8	20	6	4 1/2	6 3/4	6 3/4	19 1/4	14 5/8														20.0

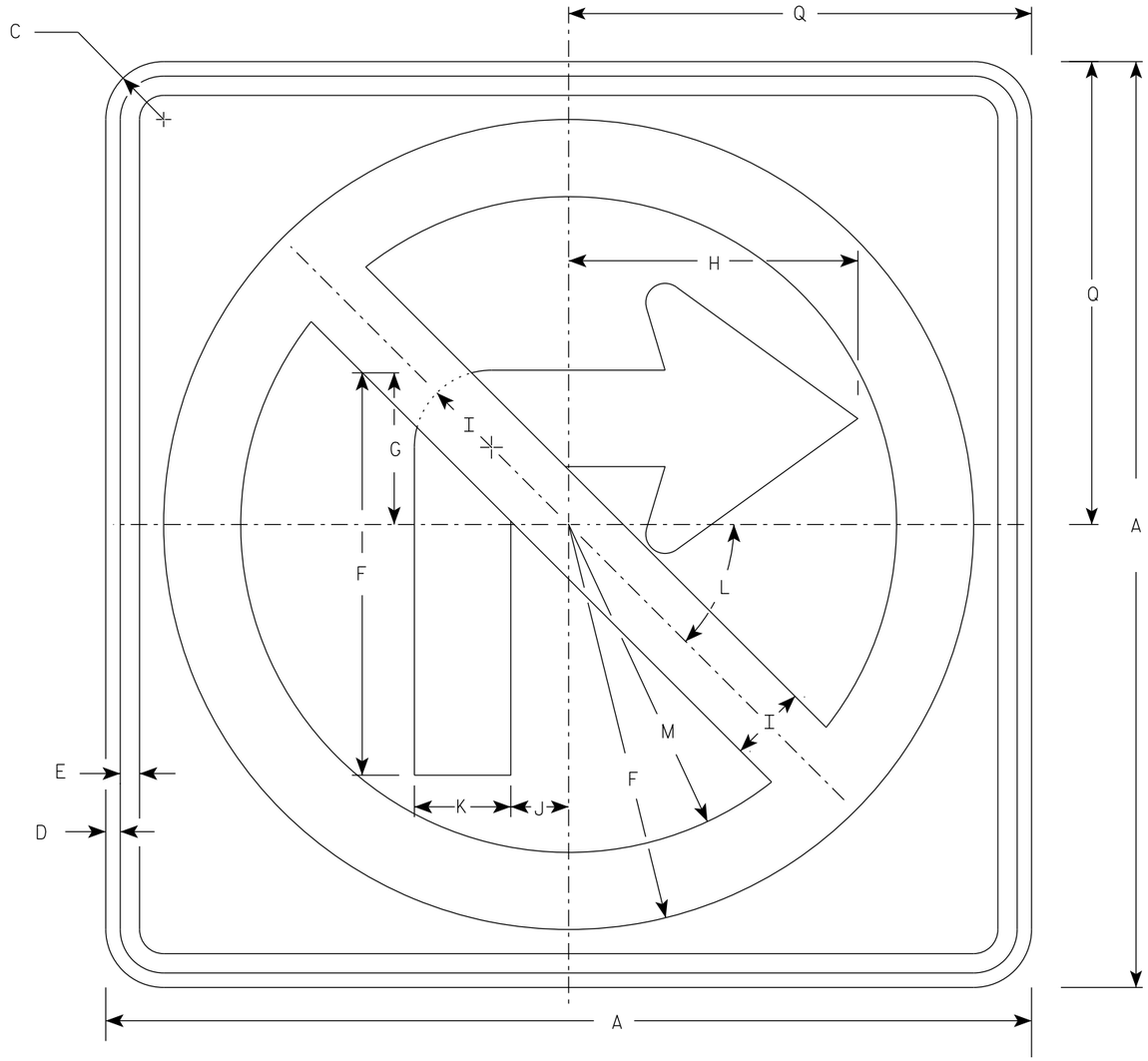
STANDARD SIGN
R2-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/1/23 PLATE NO. R2-1.14

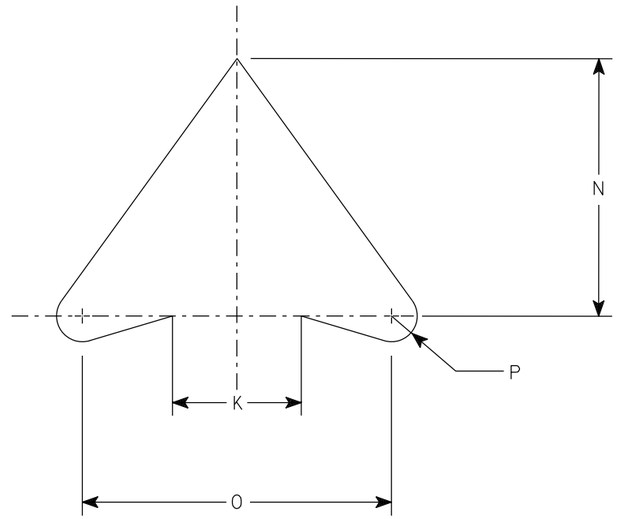
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 825 | E



R3-1

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - See note 3
3. Border & Arrow are non reflective black, the circle with diagonal bar is reflective red.



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	24		1 ½	⅜	½	10 ½	4	7 ½	2	1 ½	2 ½	45	8 ½	5	6	½	12										4.0
2S	24		1 ½	⅜	½	10 ½	4	7 ½	2	1 ½	2 ½	45°	8 ½	5	6	½	12										4.0
2M	36		2 ¼	⅝	¾	15 ¾	6	11 ¼	3	2 ¼	3 ¾	45	12 ¾	7 ½	9	¾	18										9.0
3	36		2 ¼	⅝	¾	15 ¾	6	11 ¼	3	2 ¼	3 ¾	45	12 ¾	7 ½	9	¾	18										9.0
4	36		2 ¼	⅝	¾	15 ¾	6	11 ¼	3	2 ¼	3 ¾	45°	12 ¾	7 ½	9	¾	18										9.0
5	48		2 ¼	¾	1	21	8	15	4	3	5	45°	17	10	12	1	24										16.0

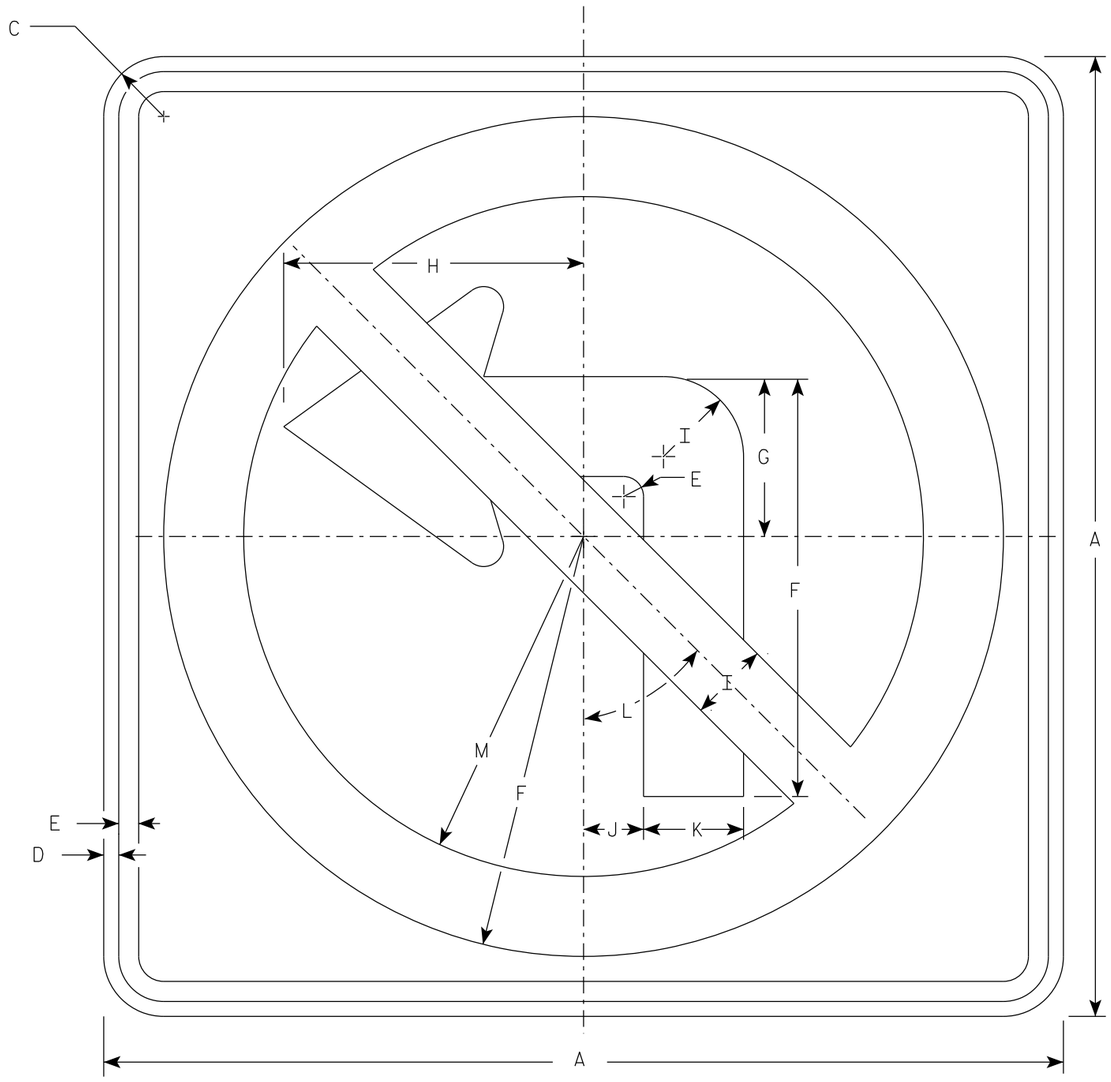
STANDARD SIGN
R3-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/2/23 PLATE NO. R3-1.6

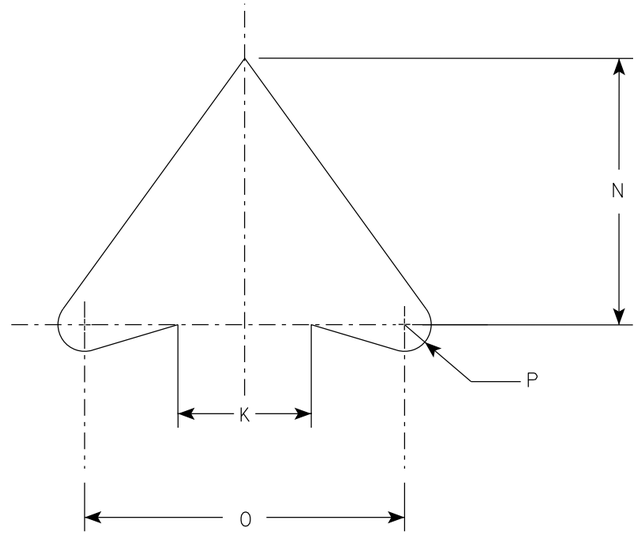
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 826 | E



R3-2

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - See note 3
3. Border & Arrow are non reflective black, the circle with diagonal bar is reflective red.



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	24		1 ½	⅜	½	10 ½	4	7 ½	2	1 ½	2 ½	45°	8 ½	5	6	½											4.0
2S	24		1 ½	⅜	½	10 ½	4	7 ½	2	1 ½	2 ½	45°	8 ½	5	6	½											4.0
2M	36		2 ¼	⅝	¾	15 ¾	6	11 ¼	3	2 ¼	3 ¾	45°	12 ¾	7 ½	9	¾											9.0
3	36		2 ¼	⅝	¾	15 ¾	6	11 ¼	3	2 ¼	3 ¾	45°	12 ¾	7 ½	9	¾											9.0
4	36		2 ¼	⅝	¾	15 ¾	6	11 ¼	3	2 ¼	3 ¾	45°	12 ¾	7 ½	9	¾											9.0
5	48		2 ¼	¾	1	21	8	15	4	3	5	45°	17	10	12	1											16.0

STANDARD SIGN
R3-2

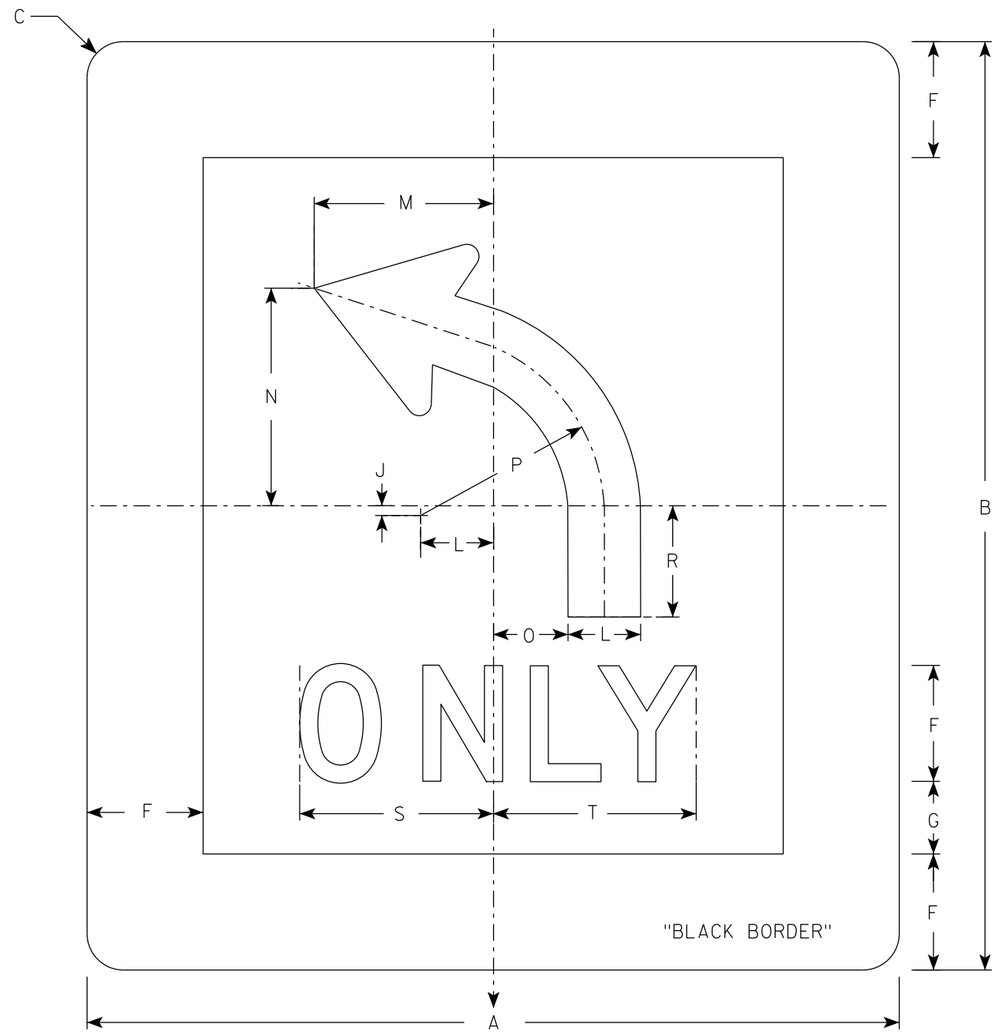
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/2/23 PLATE NO. R3-2.11

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 827 | E

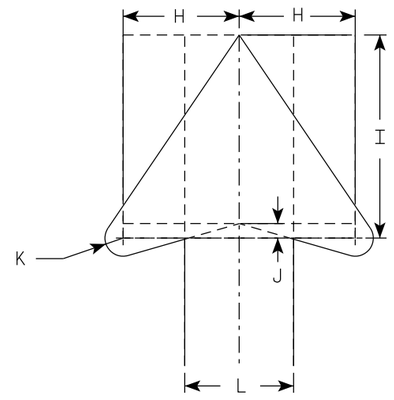
7



R3-5L

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - D
4. R3-5R is the same as R3-5L except curved portion of arrow points right.
5. The 6" border is non-reflective black.



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	42	48	1 7/8			6	3 3/4	4	7	1/2	5/8	3 3/4	9 1/4	11 1/4	3 7/8	9 1/2		5 3/4	10	10 1/2							14.0
2M	42	48	1 7/8			6	3 3/4	4	7	1/2	5/8	3 3/4	9 1/4	11 1/4	3 7/8	9 1/2		5 3/4	10	10 1/2							14.0
3																											
4																											
5																											

STANDARD SIGN
R3-5

WISCONSIN DEPT OF TRANSPORTATION

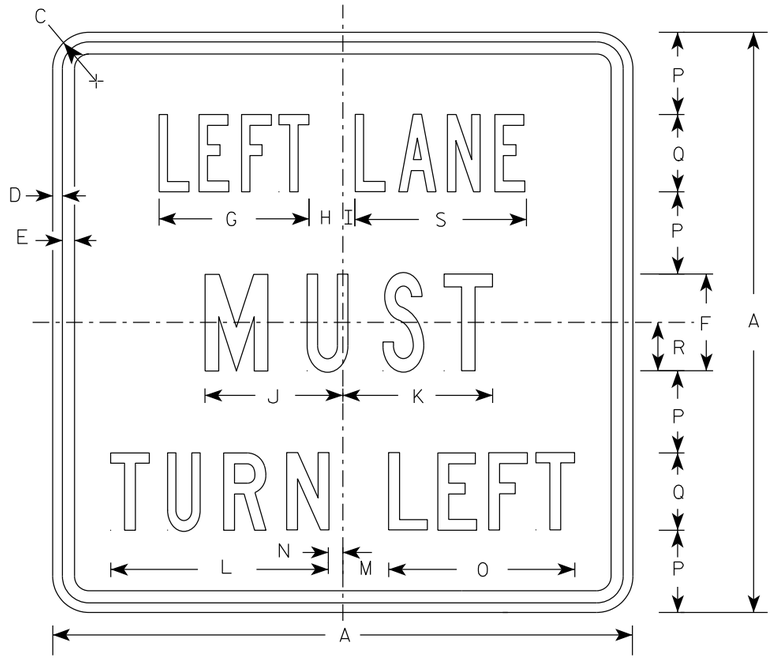
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/26/24 PLATE NO. R3-5.7

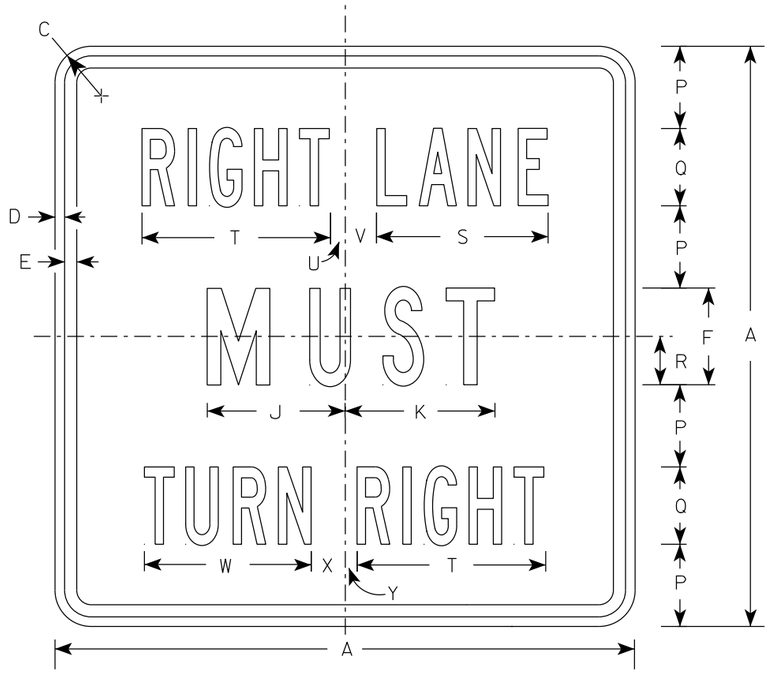
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 828 | E

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - Line 1 is Series B.
   Line 2 is Series C.
   Line 3 on plate R3-7R is Series B and Series C on plate R3-7L.



R3-7L



R3-7R

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	30		1 7/8	1/2	5/8	5	7 3/4	1 3/4	5/8	7 1/8	7 3/4	11 1/4	2 3/8	3/4	9 5/8	4 1/4	4	2 1/2	8 7/8	9 3/4	3/4	1 5/8	8 5/8	1 5/8	5/8		6.25
2S	30		1 7/8	1/2	5/8	5	7 3/4	1 3/4	5/8	7 1/8	7 3/4	11 1/4	2 3/8	3/4	9 5/8	4 1/4	4	2 1/2	8 7/8	9 3/4	3/4	1 5/8	8 5/8	1 5/8	5/8		6.25
2M	30		1 7/8	1/2	5/8	5	7 3/4	1 3/4	5/8	7 1/8	7 3/4	11 1/4	2 3/8	3/4	9 5/8	4 1/4	4	2 1/2	8 7/8	9 3/4	3/4	1 5/8	8 5/8	1 5/8	5/8		6.25
3	36		2 1/4	5/8	3/4	6	9 5/8	2	1 1/8	8 3/4	9	13 1/2	3 7/8	1 1/2	12 1/2	5	5	3	10 5/8	12	7/8	2 1/4	10 5/8	2 1/8	1		9.00
4	48		2 1/4	3/4	1	8	13 1/2	2 3/8	1 1/2	11 1/2	11 7/8	17 3/4	3 5/8	2 1/2	16 3/8	6 1/2	7	4	14 3/8	16 7/8	5/8	3 1/4	15 1/8	2 3/4	1 1/8		16.00
5																											

STANDARD SIGN
R3-7L & R3-7R

WISCONSIN DEPT OF TRANSPORTATION

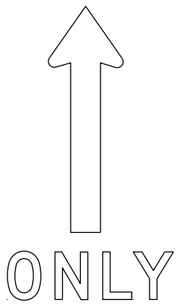
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/13/23 PLATE NO. R3-7.4

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 829 | E

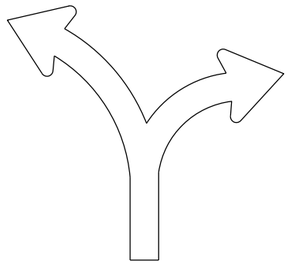
7

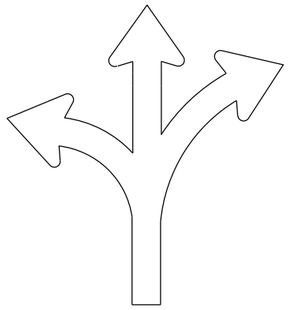
7

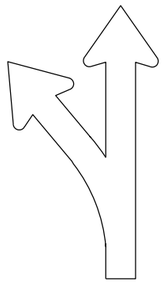


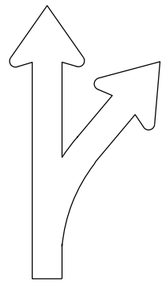
(A)

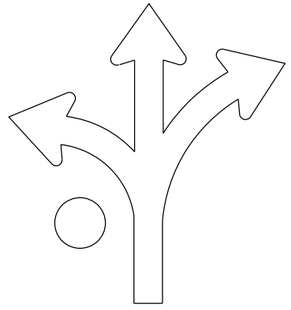
(B)

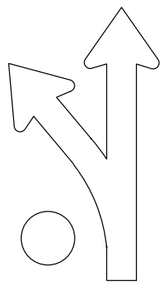

(C)

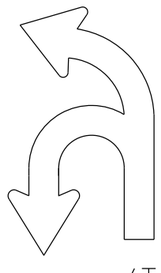

(D)

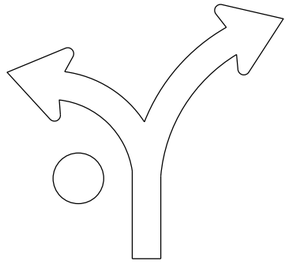

(E)

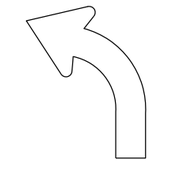

(F)


(G)

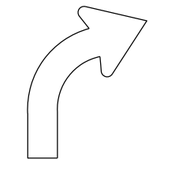

(H)


(I)


(J)



(L)



(R)

NOTES

1. Sigs are Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - D
4. Use appropriate Letter for Sign Code
   Each letter added makes sign wider. Example R3-8EAR
5. Square footage of sign varies by letters

1 Letter =	3.75 sq ft	for Size 2
	6.0 sq ft	for Size 3
	10.0 sq ft	for Size 4 or 5
2 Letters =	7.5 sq ft	for Size 2
	12.0 sq ft	for Size 3
	20.0 sq ft	for Size 4 or 5
3 Letters =	11.25 sq ft	for Size 2
	18.0 sq ft	for Size 3
	30.0 sq ft	for Size 4 or 5
4 Letters =	15.0 sq ft	for Size 2
	24.0 sq ft	for Size 3
	40.0 sq ft	for Size 4 or 5
5 Letters =	18.75 sq ft	for Size 2
	30.0 sq ft	for Size 3
	50.0 sq ft	for Size 4 or 5
6 Letters =	22.5 sq ft	for Size 2
	36.0 sq ft	for Size 3
	60.0 sq ft	for Size 4 or 5

6. When letters C,D,G,J are used on the Left or Right end of the sign the Sq. Ft. changes.
   Add the amounts when these letters are used:
   1.25 sq ft for Size 2
   1.5 sq ft for Size 3
   2.0 sq ft for Size 4 or 5

STANDARD SIGN
R3-8 Series

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/14/23 PLATE NO. R3-8.2

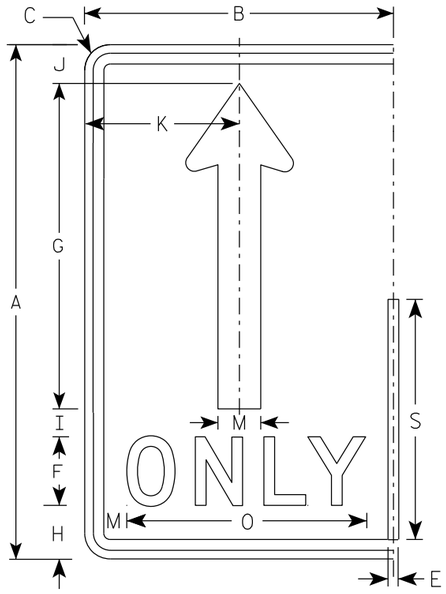
PROJECT NO:

SHEET NO: 830 E

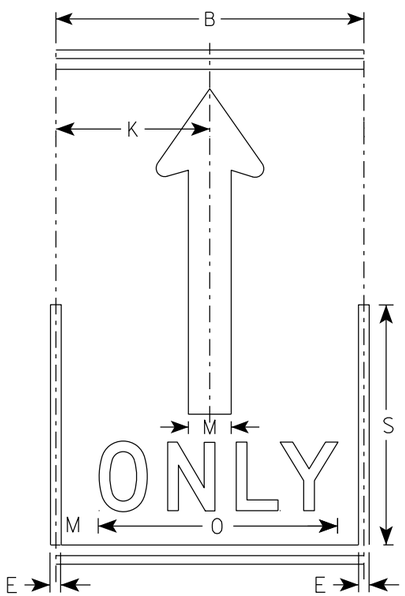
7

NOTES

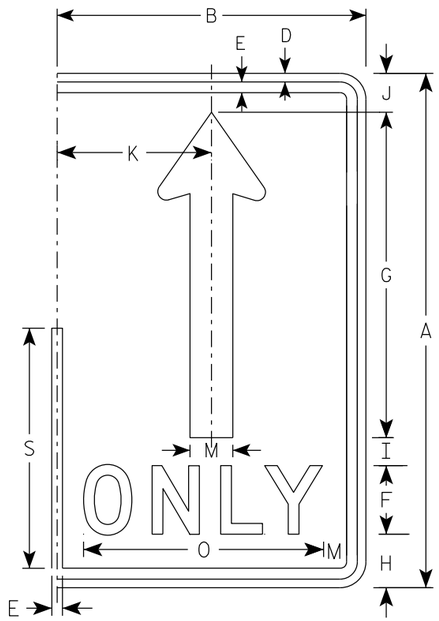
1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - D



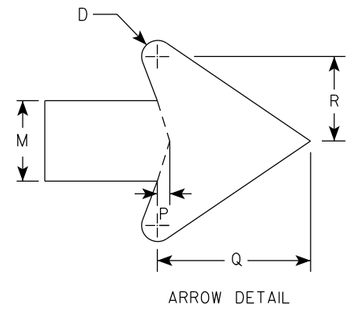
(A)



(A)



(A)



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	30	18	1 1/2	1/2	5/8	4	19	3 1/8	1 5/8	2 1/4	9		2 1/2		14	3/8	4 3/4	2 5/8	14								3.75
2M	30	18	1 1/2	1/2	5/8	4	19	3 1/8	1 5/8	2 1/4	9		2 1/2		14	3/8	4 3/4	2 5/8	14								3.75
3	36	24	1 1/2	1/2	5/8	5	22 3/4	3 3/4	1 3/4	2 3/4	12		3		17 5/8	1/2	5 3/4	3 1/8	16 3/4								6.0
4	48	30	2 1/4	3/4	1	6	30 3/8	5 1/8	2 7/8	3 5/8	15		4		21 3/4	5/8	7 5/8	4 1/4	22 3/8								10.0
5	48	30	2 1/4	3/4	1	6	30 3/8	5 1/8	2 7/8	3 5/8	15		4		21 3/4	5/8	7 5/8	4 1/4	22 3/8								10.0

STANDARD SIGN
R3-8 (A) Arrow

WISCONSIN DEPT OF TRANSPORTATION

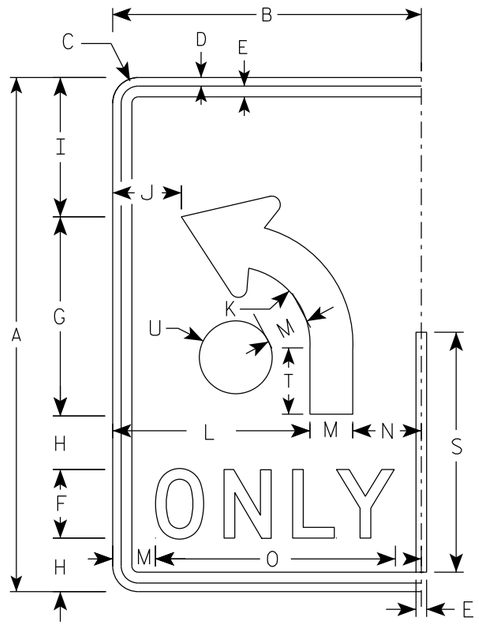
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/14/23 PLATE NO. R3-8.2

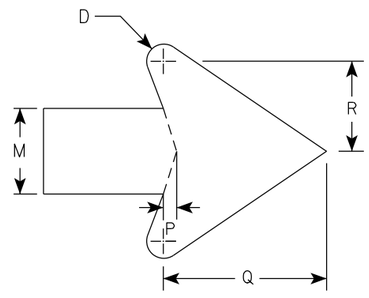
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 831 | E

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
   Message Series - D



(B)



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	30	18	1 1/2	1/2	5/8	4	11 5/8	3 1/8	8 1/8	4	4 1/2	11 1/2	2 1/2	4	14	3/8	4 3/4	2 5/8	14	3 7/8	2 1/8						3.75
2M	30	18	1 1/2	1/2	5/8	4	11 5/8	3 1/8	8 1/8	4	4 1/2	11 1/2	2 1/2	4	14	3/8	4 3/4	2 5/8	14	3 7/8	2 1/8						3.75
3	36	24	1 1/2	1/2	5/8	5	14	3 1/2	9 3/4	6	5 3/8	15	3	6	17 5/8	1/2	5 3/4	3 1/8	16 3/4	4 5/8	2 1/2						6.0
4	48	30	2 1/4	3/4	1	6	18 5/8	5 1/8	13 1/8	6 1/8	7 1/4	18	4	8	21 3/4	5/8	7 5/8	4 1/4	22 3/8	6 1/4	3 3/8						10.0
5	48	30	2 1/4	3/4	1	6	18 5/8	5 1/8	13 1/8	6 1/8	7 1/4	18	4	8	21 3/4	5/8	7 5/8	4 1/4	22 3/8	6 1/4	3 3/8						10.0

STANDARD SIGN

R3-8 (B) Arrow

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

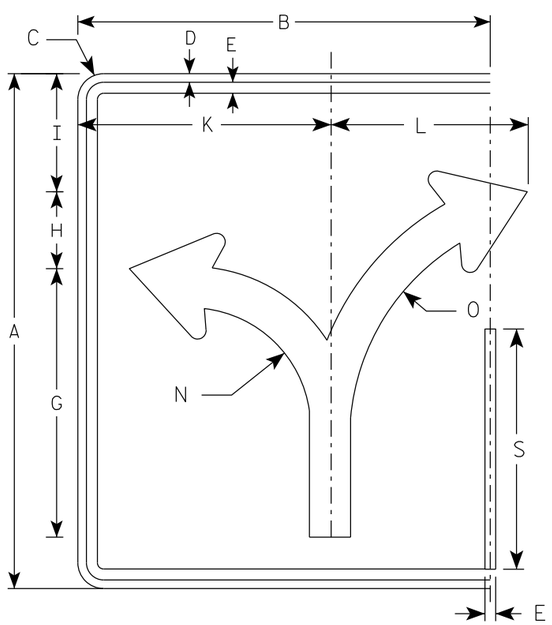
DATE 2/14/23 PLATE NO. R3-8.2

PROJECT NO:

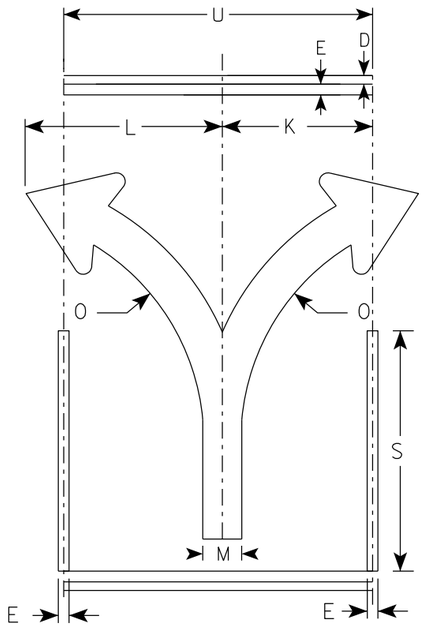
SHEET NO: 832 E

NOTES

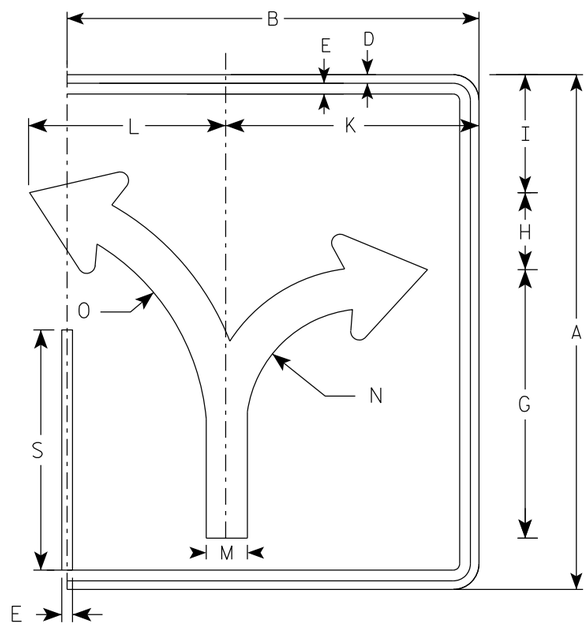
1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - None



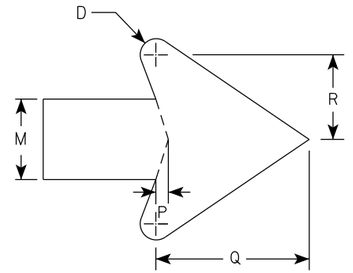
(C)



(C)



(C)



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	ENDS Area sq. ft.	MIDDLE Area sq. ft.
1																												
2S	30	24	1 1/2	1/2	5/8		15 5/8	4 1/2	6 7/8		14 3/4	11 1/2	2 3/8	7	13 1/4	3/8	4 1/2	2 1/2	14		18						5.0	3.75
2M	30	24	1 1/2	1/2	5/8		15 5/8	4 1/2	6 7/8		14 3/4	11 1/2	2 3/8	7	13 1/4	3/8	4 1/2	2 1/2	14		18						5.0	3.75
3	36	30	1 1/2	1/2	5/8		18 3/4	5 1/2	8 1/4		17 1/4	17 1/4	2 7/8	8 3/8	16	1/2	5 1/2	3	16 3/4		24						7.5	6.0
4	48	36	2 1/4	3/4	1		24 7/8	7 1/4	11		23 1/8	18	3 3/4	11 1/8	21 1/4	5/8	7 1/8	4	22 3/8		30						12.0	10.0
5	48	36	2 1/4	3/4	1		24 7/8	7 1/4	11		23 1/8	18	3 3/4	11 1/8	21 1/4	5/8	7 1/8	4	22 3/8		30						12.0	10.0

STANDARD SIGN
R3-8 (C) Arrow

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/14/23 PLATE NO. R3-8.2

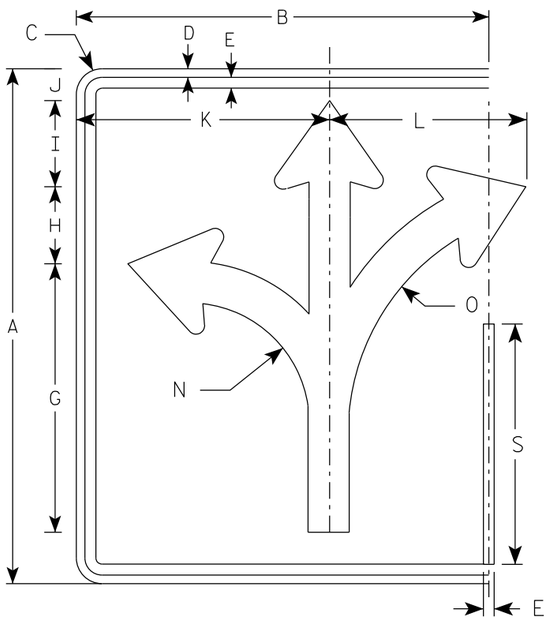
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 833 | E

7

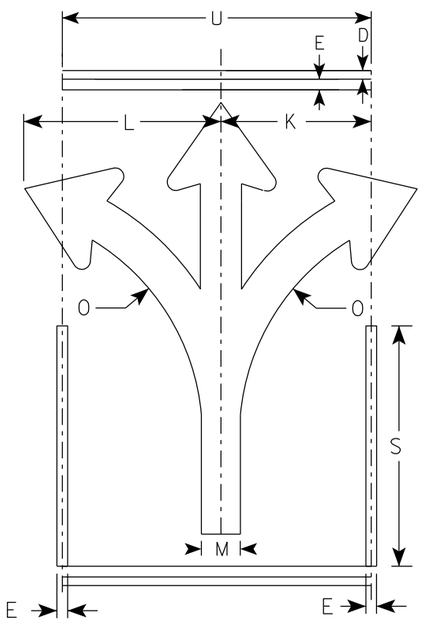
7

NOTES

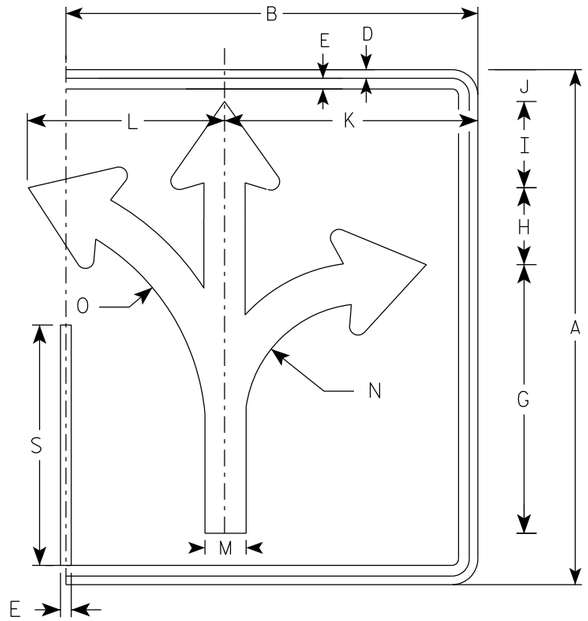
1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - None



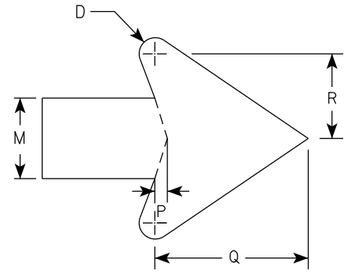
(D)



(D)



(D)



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	ENDS Area sq. ft.	MIDDLE Area sq. ft.
1																												
2S	30	24	1 1/2	1/2	5/8		15 5/8	4 1/2	5	1 7/8	14 3/4	11 1/2	2 3/8	7	13 1/4	3/8	4 1/2	2 1/2	14		18						5.0	3.75
2M	30	24	1 1/2	1/2	5/8		15 5/8	4 1/2	5	1 7/8	14 3/4	11 1/2	2 3/8	7	13 1/4	3/8	4 1/2	2 1/2	14		18						5.0	3.75
3	36	30	1 1/2	1/2	5/8		18 3/4	5 1/2	6	2 1/4	17 1/4	17 1/4	2 7/8	8 3/8	16	1/2	5 1/2	3	16 3/4		24						7.5	6.0
4	48	36	2 1/4	3/4	1		24 7/8	7 1/4	7 7/8	3 1/8	23 1/8	18	3 3/4	11 1/8	21 1/4	5/8	7 1/8	4	22 3/8		30						12.0	10.0
5	48	36	2 1/4	3/4	1		24 7/8	7 1/4	7 7/8	3 1/8	23 1/8	18	3 3/4	11 1/8	21 1/4	5/8	7 1/8	4	22 3/8		30						12.0	10.0

STANDARD SIGN
R3-8 (D) Arrow

WISCONSIN DEPT OF TRANSPORTATION

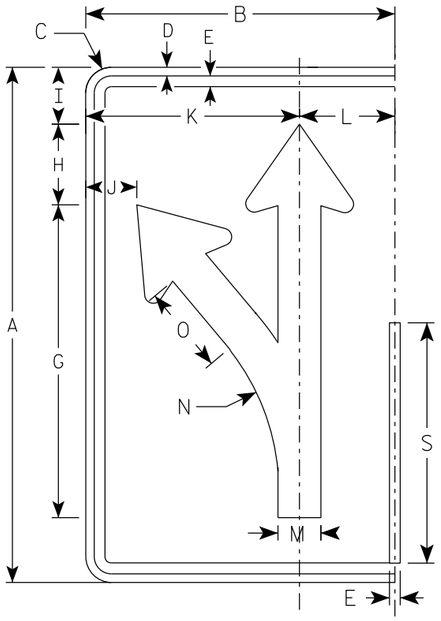
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/14/23 PLATE NO. R3-8.2

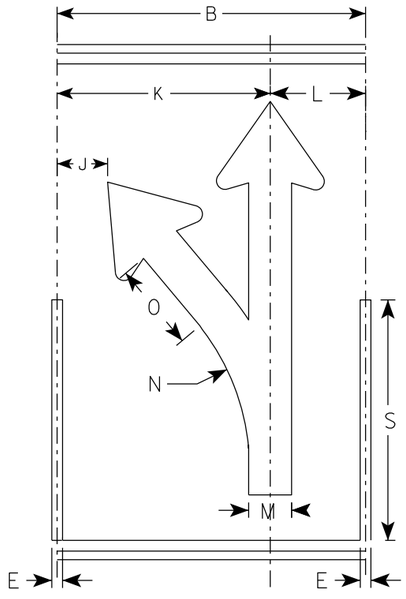
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 834 | E

NOTES

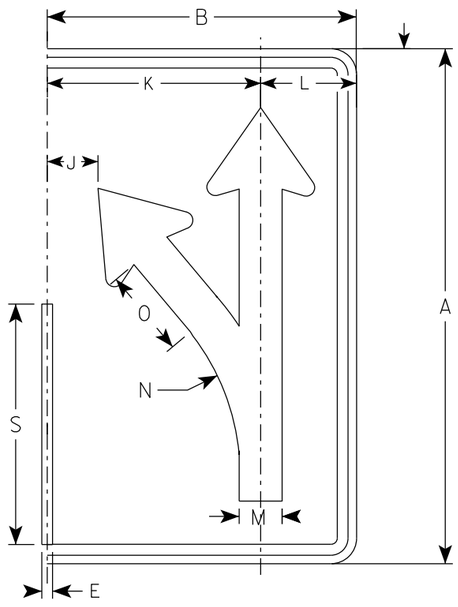
1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - None



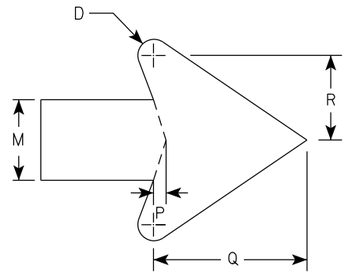
(E)



(E)



(E)



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	30	18	1 1/2	1/2	5/8		18 1/4	4 3/4	3 1/4	3	12 1/2	5 1/2	2 1/2	13 1/4	5 1/8	3/8	4 3/4	2 5/8	14								3.75
2M	30	18	1 1/2	1/2	5/8		18 1/4	4 3/4	3 1/4	3	12 1/2	5 1/2	2 1/2	13 1/4	5 1/8	3/8	4 3/4	2 5/8	14								3.75
3	36	24	1 1/2	1/2	5/8		21 7/8	5 5/8	4	4 7/8	16 1/8	7 3/4	3	15 7/8	6 1/8	1/2	5 3/4	3 1/8	16 3/4								6.0
4	48	30	2 1/4	3/4	1		29 1/8	7 1/2	5 1/4	5 3/8	20 1/2	9 1/2	4	21 1/4	8 1/4	5/8	7 5/8	4 1/4	22 3/8								10.0
5	48	30	2 1/4	3/4	1		29 1/8	7 1/2	5 1/4	5 3/8	20 1/2	9 1/2	4	21 1/4	8 1/4	5/8	7 5/8	4 1/4	22 3/8								10.0

STANDARD SIGN
R3-8 (E) Arrow

WISCONSIN DEPT OF TRANSPORTATION

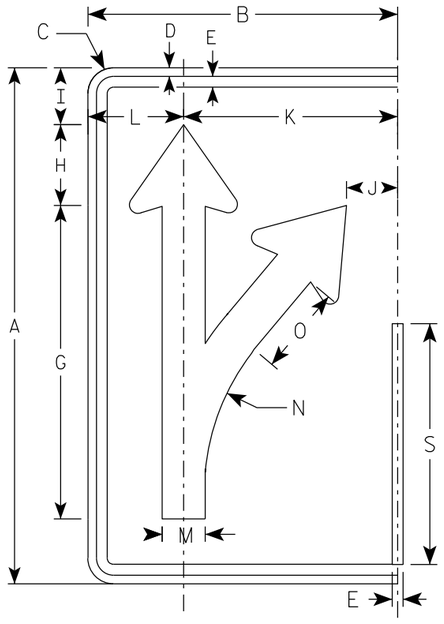
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/14/23 PLATE NO. R3-8.2

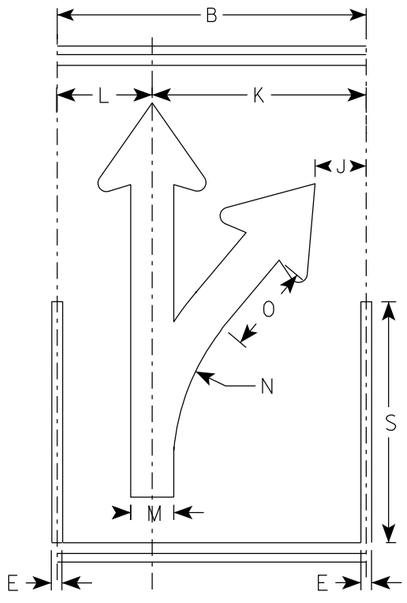
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 835 | E

NOTES

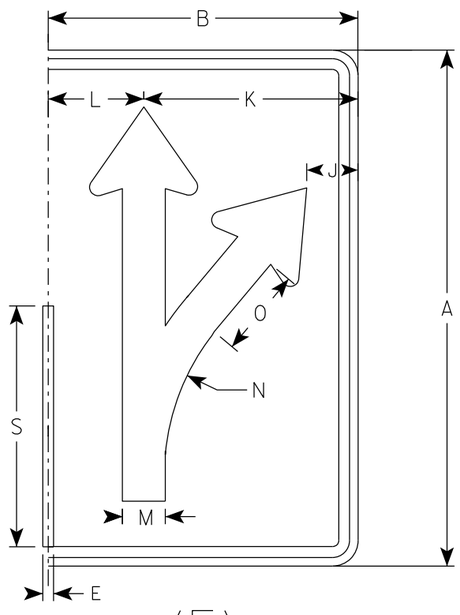
1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - None



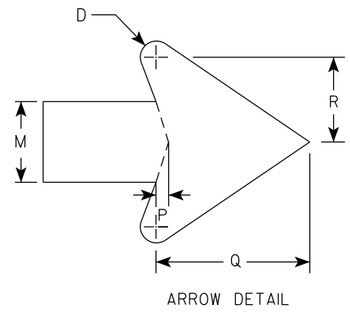
(F)



(F)



(F)



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	30	18	1 1/2	1/2	5/8		18 1/4	4 3/4	3 1/4	3	12 1/2	5 1/2	2 1/2	13 1/4	5 1/8	3/8	4 3/4	2 5/8	14								3.75
2M	30	18	1 1/2	1/2	5/8		18 1/4	4 3/4	3 1/4	3	12 1/2	5 1/2	2 1/2	13 1/4	5 1/8	3/8	4 3/4	2 5/8	14								3.75
3	36	24	1 1/2	1/2	5/8		21 7/8	5 5/8	4	4 7/8	16 1/8	7 3/4	3	15 7/8	6 1/8	1/2	5 3/4	3 1/8	16 3/4								6.0
4	48	30	2 1/4	3/4	1		29 1/8	7 1/2	5 1/4	5 3/8	20 1/2	9 1/2	4	21 1/4	8 1/4	5/8	7 5/8	4 1/4	22 3/8								10.0
5	48	30	2 1/4	3/4	1		29 1/8	7 1/2	5 1/4	5 3/8	20 1/2	9 1/2	4	21 1/4	8 1/4	5/8	7 5/8	4 1/4	22 3/8								10.0

STANDARD SIGN
R3-8 (F) Arrow

WISCONSIN DEPT OF TRANSPORTATION

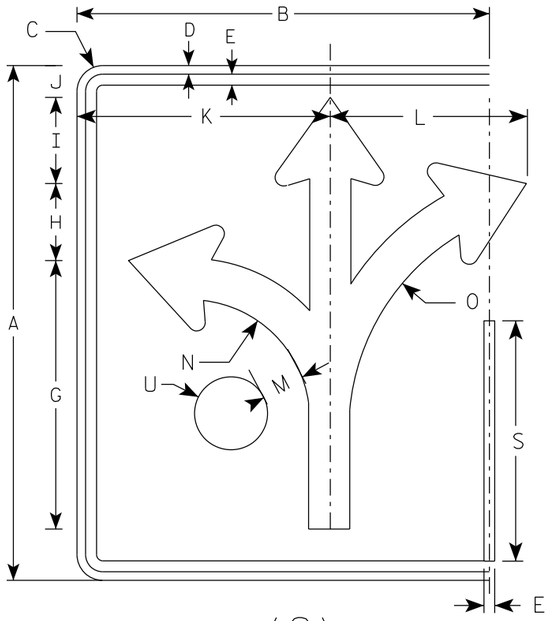
APPROVED Matthew R Rauch
For State Traffic Engineer

DATE 2/14/23 PLATE NO. R3-8.2

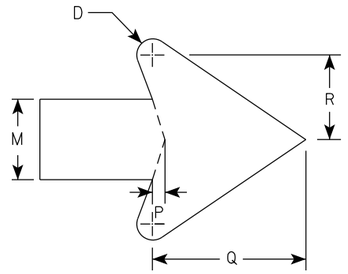
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 836 | E

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - None



(G)



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	30	24	1 1/2	1/2	5/8		15 5/8	4 1/2	5	1 7/8	14 3/4	11 1/2	2 3/8	7	13 1/4	3/8	4 1/2	2 1/2	14		2 1/8						5.0
2M	30	24	1 1/2	1/2	5/8		15 5/8	4 1/2	5	1 7/8	14 3/4	11 1/2	2 3/8	7	13 1/4	3/8	4 1/2	2 1/2	14		2 1/8						5.0
3	36	30	1 1/2	1/2	5/8		18 3/4	5 1/2	6	3 1/8	17 1/4	17 1/4	2 7/8	8 3/8	16	1/2	5 1/2	3	16 3/4		2 1/2						7.5
4	48	36	2 1/4	3/4	1		24 7/8	7 1/4	7 7/8	3 1/8	23 1/8	18	3 3/4	11 1/8	21 1/4	5/8	7 1/8	4	22 3/8		3 3/8						12.0
5	48	36	2 1/4	3/4	1		24 7/8	7 1/4	7 7/8	3 1/8	23 1/8	18	3 3/4	11 1/8	21 1/4	5/8	7 1/8	4	22 3/8		3 3/8						12.0

STANDARD SIGN
R3-8 (G) Arrow

WISCONSIN DEPT OF TRANSPORTATION

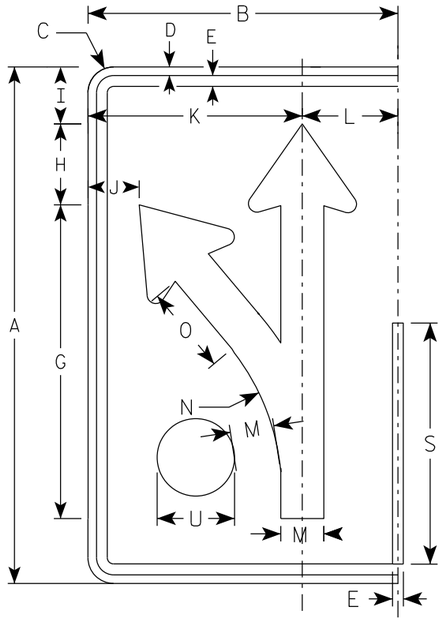
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/14/23 PLATE NO. R3-8.2

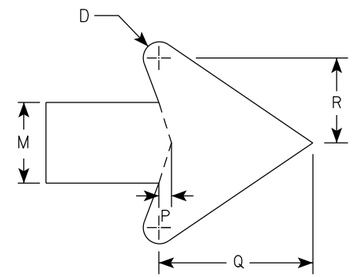
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 837	E

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - None



(H)



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	30	18	1 1/2	1/2	5/8		18 1/4	4 3/4	3 1/4	3	12 1/2	5 1/2	2 1/2	13 1/4	5 1/8	3/8	4 3/4	2 5/8	14		2 1/8						3.75
2M	30	18	1 1/2	1/2	5/8		18 1/4	4 3/4	3 1/4	3	12 1/2	5 1/2	2 1/2	13 1/4	5 1/8	3/8	4 3/4	2 5/8	14		2 1/8						3.75
3	36	24	1 1/2	1/2	5/8		21 7/8	5 5/8	4	4 7/8	16 1/8	7 3/4	3	15 7/8	6 1/8	1/2	5 3/4	3 1/8	16 3/4		2 1/2						6.0
4	48	30	2 1/4	3/4	1		29 1/8	7 1/2	5 1/4	5 3/8	20 1/2	9 1/2	4	21 1/4	8 1/4	5/8	7 5/8	4 1/4	22 3/8		3 3/8						10.0
5	48	30	2 1/4	3/4	1		29 1/8	7 1/2	5 1/4	5 3/8	20 1/2	9 1/2	4	21 1/4	8 1/4	5/8	7 5/8	4 1/4	22 3/8		3 3/8						10.0

STANDARD SIGN
R3-8 (H) Arrow

WISCONSIN DEPT OF TRANSPORTATION

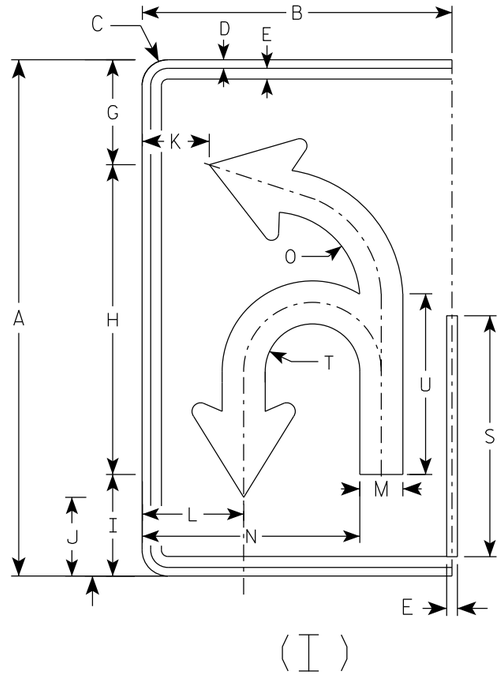
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/14/23 PLATE NO. R3-8.2

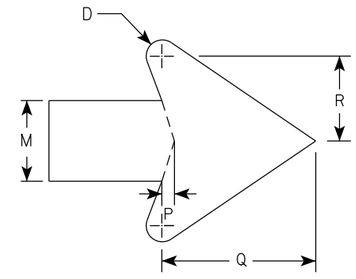
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 838 | E

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - None



(I)



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	30	18	1 1/2	1/2	5/8		6 1/8	18	5 7/8	4 5/8	3 7/8	5 7/8	2 1/2	12 5/8	5 1/8	3/8	4 3/4	2 5/8	14	2 3/4	10 1/2						3.75
2M	30	18	1 1/2	1/2	5/8		6 1/8	18	5 7/8	4 5/8	3 7/8	5 7/8	2 1/2	12 5/8	5 1/8	3/8	4 3/4	2 5/8	14	2 3/4	10 1/2						3.75
3	36	24	1 1/2	1/2	5/8		21 7/8	21 5/8	7 1/8	5 1/2	5 7/8	8 1/4	3	16 3/8	6 1/8	1/2	5 3/4	3 1/8	16 3/4	3 1/4	12 5/8						6.0
4	48	30	2 1/4	3/4	1		29 1/8	28 3/4	9 3/8	7 1/4	6 7/8	10	4	20 7/8	8 1/8	5/8	7 5/8	4 1/4	22 3/8	4 3/8	16 3/4						10.0
5	48	30	2 1/4	3/4	1		29 1/8	28 3/4	9 3/8	7 1/4	6 7/8	10	4	20 7/8	8 1/8	5/8	7 5/8	4 1/4	22 3/8	4 3/8	16 3/4						10.0

STANDARD SIGN
R3-8 (I) Arrow

WISCONSIN DEPT OF TRANSPORTATION

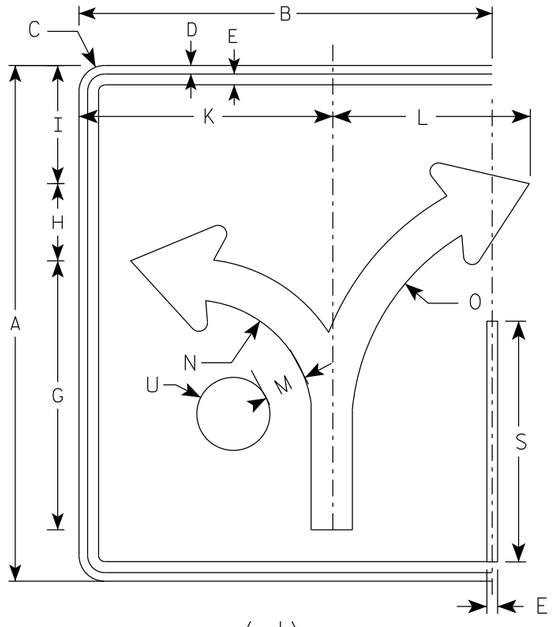
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/14/23 PLATE NO. R3-8.2

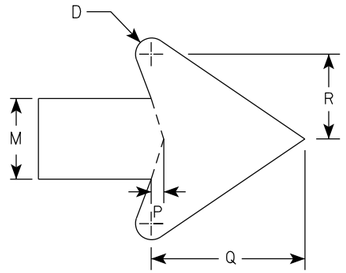
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 839 | E

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - None



(J)



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	30	24	1 1/2	1/2	5/8		15 5/8	4 1/2	6 7/8		14 3/4	11 1/2	2 3/8	7	13 1/4	3/8	4 1/2	2 1/2	14		2 1/8						5.0
2M	30	24	1 1/2	1/2	5/8		15 5/8	4 1/2	6 7/8		14 3/4	11 1/2	2 3/8	7	13 1/4	3/8	4 1/2	2 1/2	14		2 1/8						5.0
3	36	30	1 1/2	1/2	5/8		18 3/4	5 1/2	8 1/4		17 1/4	17 1/4	2 7/8	8 3/8	16	1/2	5 1/2	3	16 3/4		2 1/2						7.5
4	48	36	2 1/4	3/4	1		24 7/8	7 1/4	11		23 1/8	18	3 3/4	11 1/8	21 1/4	5/8	7 1/8	4	22 3/8		3 3/8						12.0
5	48	36	2 1/4	3/4	1		24 7/8	7 1/4	11		23 1/8	18	3 3/4	11 1/8	21 1/4	5/8	7 1/8	4	22 3/8		3 3/8						12.0

STANDARD SIGN
R3-8 (J) Arrow

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

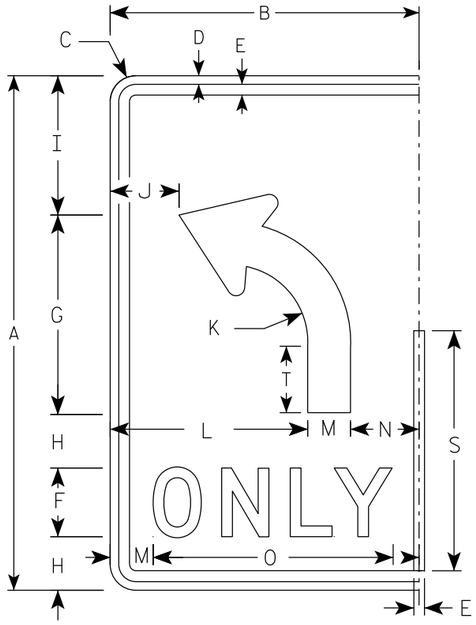
DATE 2/14/23 PLATE NO. R3-8.2

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 840 | E

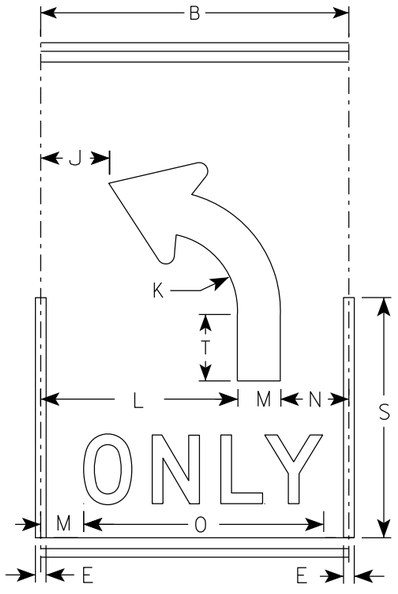
FILE NAME : C:\CAEfiles\Projects\stdplate_R38.dgn PLOT DATE : 14-FEB 2023 3:18 PLOT BY : mscj9h PLOT NAME : PLOT SCALE : $$.....plotscale.....$$

NOTES

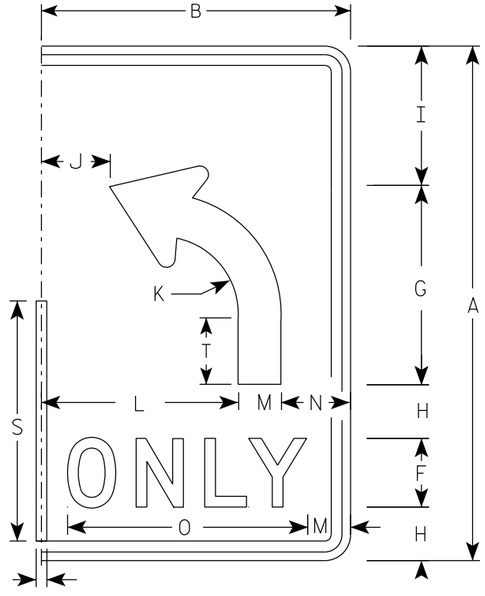
1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - D



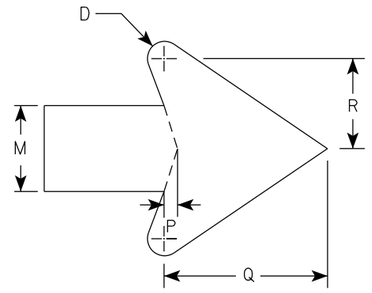
(L)



(L)



(L)



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	30	18	1 1/2	1/2	5/8	4	11 5/8	3 1/8	8 1/8	4	4 1/2	11 1/2	2 1/2	4	14	3/8	4 3/4	2 5/8	14	3 7/8							3.75
2M	30	18	1 1/2	1/2	5/8	4	11 5/8	3 1/8	8 1/8	4	4 1/2	11 1/2	2 1/2	4	14	3/8	4 3/4	2 5/8	14	3 7/8							3.75
3	36	24	1 1/2	1/2	5/8	5	14	3 1/2	9 3/4	6	5 3/8	15	3	6	17 5/8	1/2	5 3/4	3 1/8	16 3/4	4 5/8							6.0
4	48	30	2 1/4	3/4	1	6	18 5/8	5 1/8	13 1/8	6 1/8	7 1/4	18	4	8	21 3/4	5/8	7 5/8	4 1/4	22 3/8	6 1/4							10.0
5	48	30	2 1/4	3/4	1	6	18 5/8	5 1/8	13 1/8	6 1/8	7 1/4	18	4	8	21 3/4	5/8	7 5/8	4 1/4	22 3/8	6 1/4							10.0

STANDARD SIGN

R3-8 (L) Arrow

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

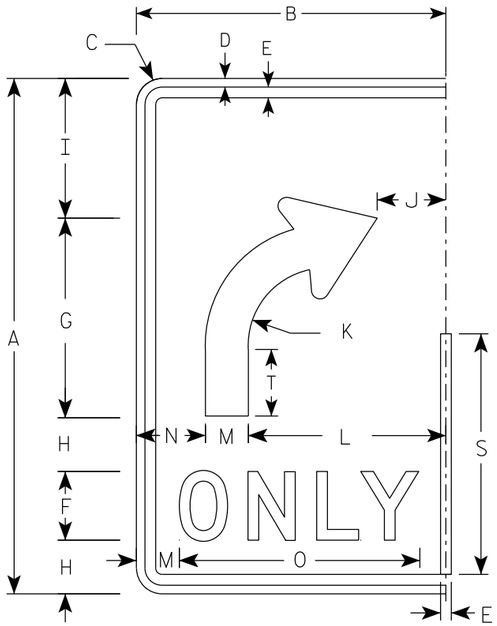
DATE 2/14/23 PLATE NO. R3-8.2

PROJECT NO:

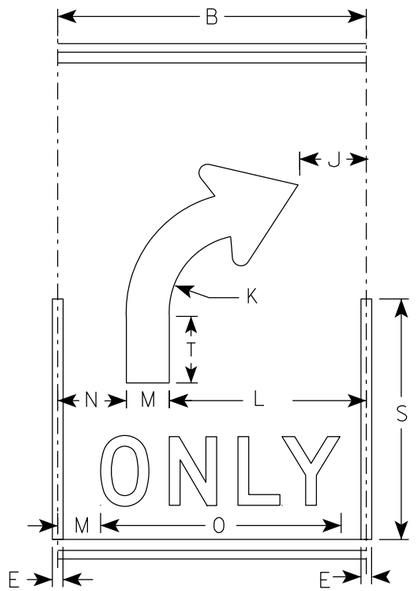
SHEET NO: 841 E

NOTES

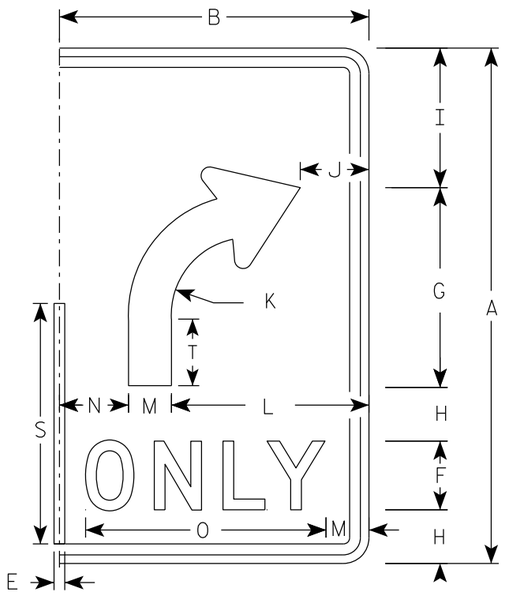
1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - D



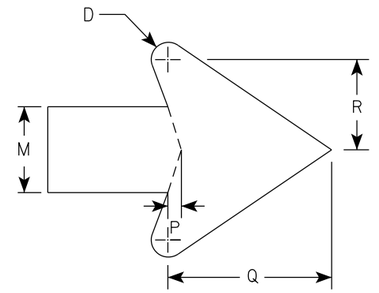
(R)



(R)



(R)



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	30	18	1 1/2	1/2	5/8	4	11 5/8	3 1/8	8 1/8	4	4 1/2	11 1/2	2 1/2	4	14	3/8	4 3/4	2 5/8	14	3 7/8							3.75
2M	30	18	1 1/2	1/2	5/8	4	11 5/8	3 1/8	8 1/8	4	4 1/2	11 1/2	2 1/2	4	14	3/8	4 3/4	2 5/8	14	3 7/8							3.75
3	36	24	1 1/2	1/2	5/8	5	14	3 1/2	9 3/4	6	5 3/8	15	3	6	17 5/8	1/2	5 3/4	3 1/8	16 3/4	4 5/8							6.0
4	48	30	2 1/4	3/4	1	6	18 5/8	5 1/8	13 1/8	6 1/8	7 1/4	18	4	8	21 3/4	5/8	7 5/8	4 1/4	22 3/8	6 1/4							10.0
5	48	30	2 1/4	3/4	1	6	18 5/8	5 1/8	13 1/8	6 1/8	7 1/4	18	4	8	21 3/4	5/8	7 5/8	4 1/4	22 3/8	6 1/4							10.0

STANDARD SIGN

R3-8 (R) Arrow

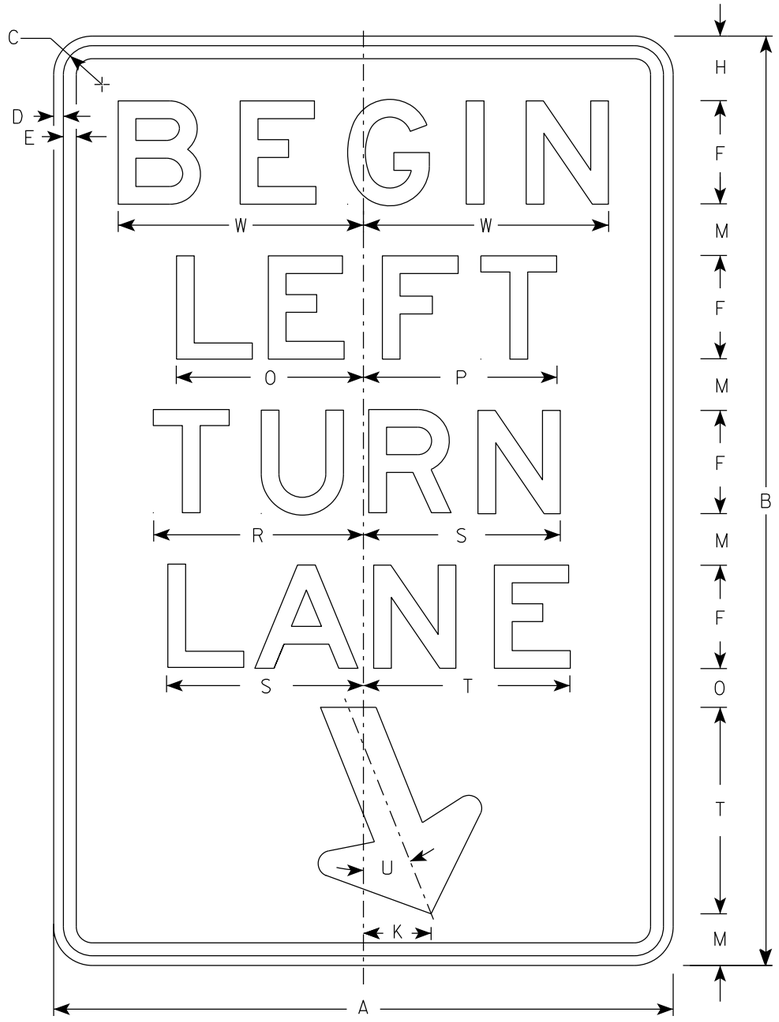
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/14/23 PLATE NO. R3-8.2

PROJECT NO:

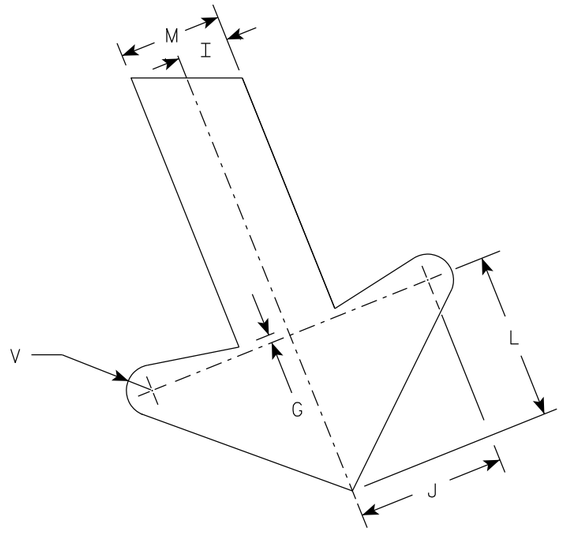
SHEET NO: 842 E



R3-20L

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - E



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	24	36	1 1/2	3/8	1/2	4	1/4	2 1/2	1	2 7/8	2 5/8	3 1/4	2	1 1/2	7 1/4	7 1/2		8 1/8	7 5/8	8	22°	1/2	9 1/2				6.0
2M	24	36	1 1/2	3/8	1/2	4	1/4	2 1/2	1	2 7/8	2 5/8	3 1/4	2	1 1/2	7 1/4	7 1/2		8 1/8	7 5/8	8	22°	1/2	9 1/2				6.0
3	36	54	1 7/8	1/2	5/8	6	3/8	3 3/4	1 1/2	4 1/4	4	4 7/8	3	2 1/4	10 7/8	11 1/4		12 1/4	11 1/2	12	22°	3/4	13 1/4				13.5
4																											
5																											

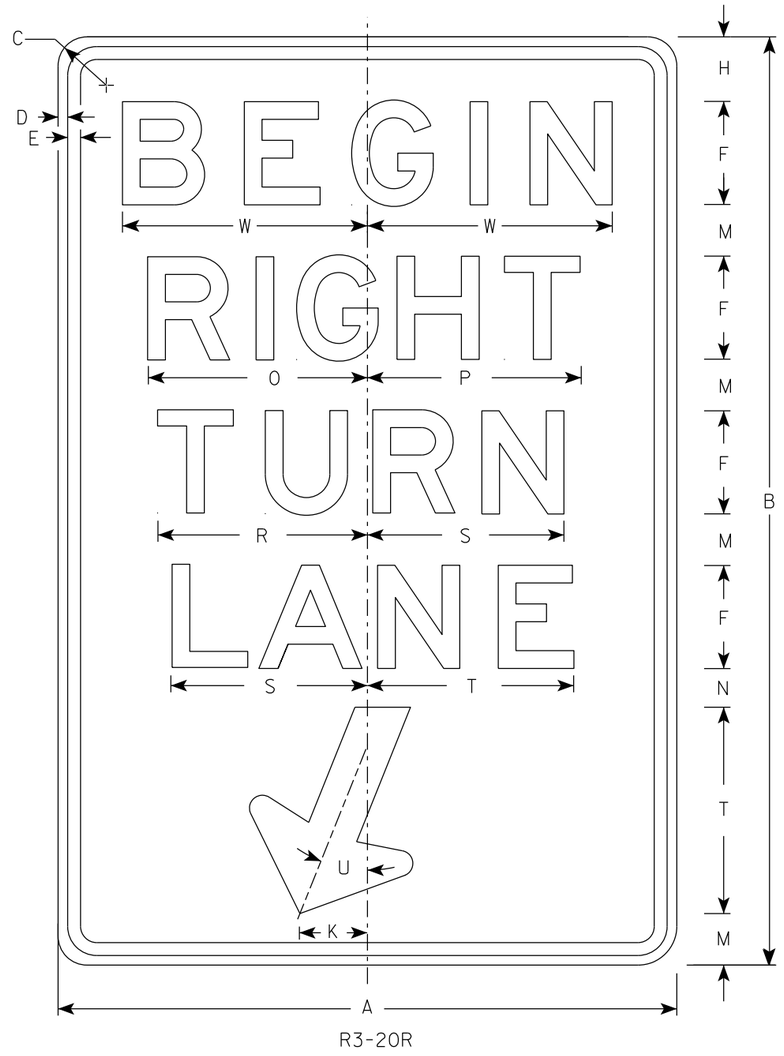
STANDARD SIGN
R3-20L

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/23/23 PLATE NO. R3-20L.8

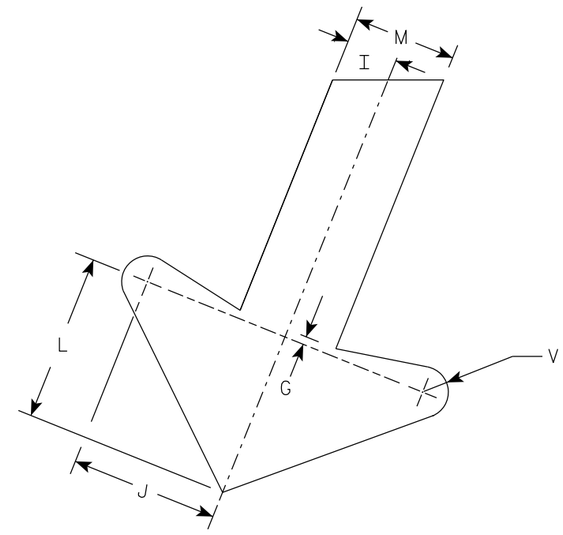
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 843 | E



R3-20R

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - E



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	24	36	1 1/2	3/8	1/2	4	1/4	2 1/2	1	2 7/8	2 5/8	3 1/4	2	1 1/2	8 1/2	8 1/4		8 1/8	7 5/8	8	22°	1/2	9 1/2				6.0
2M	24	36	1 1/2	3/8	1/2	4	1/4	2 1/2	1	2 7/8	2 5/8	3 1/4	2	1 1/2	8 1/2	8 1/4		8 1/8	7 5/8	8	22°	1/2	9 1/2				6.0
3	36	54	1 7/8	1/2	5/8	6	3/8	3 3/4	1 1/2	4 1/4	4	4 7/8	3	2 1/4	12 3/4	12 1/2		12 1/4	11 1/2	12	22°	3/4	13 1/4				13.5
4																											
5																											

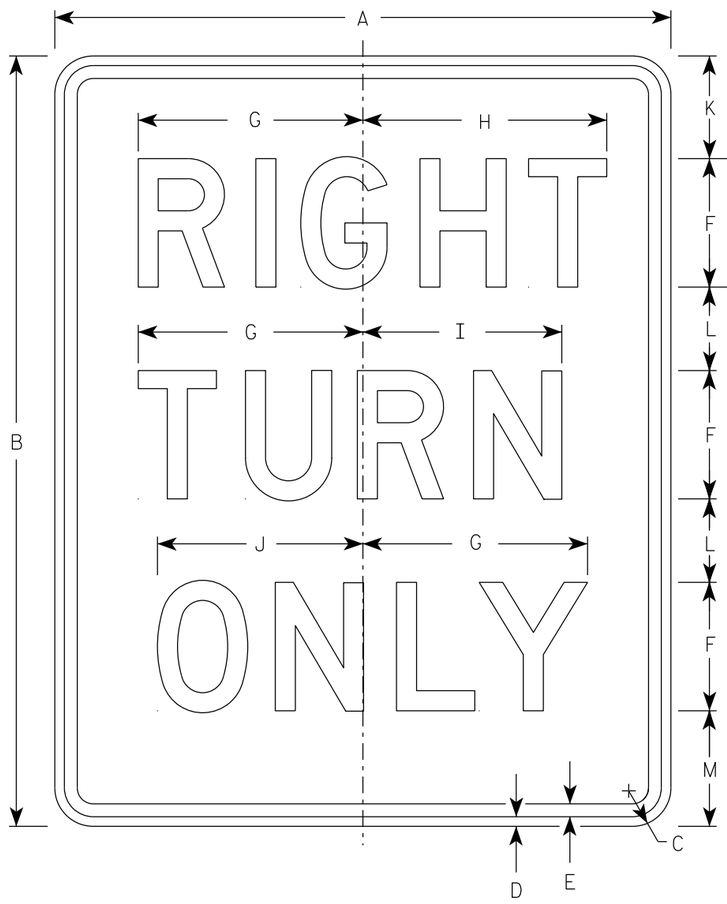
STANDARD SIGN
R3-20R

WISCONSIN DEPT OF TRANSPORTATION

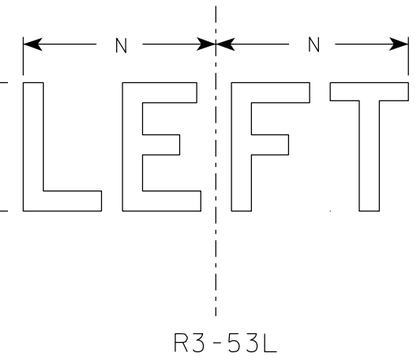
APPROVED Matthew R Rauch
For State Traffic Engineer

DATE 2/23/23 PLATE NO. R3-20R.7

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 844 | E



R3-53R



R3-53L

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - D
4. R3-53L same as R3-53R except LEFT is substituted for RIGHT

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	24	30	1 1/2	3/8	1/2	5	8 3/4	9 1/2	7 3/4	8	4	3 1/4	4 1/2	7 1/2													5.0
2M	24	30	1 1/2	3/8	1/2	5	8 3/4	9 1/2	7 3/4	8	4	3 1/4	4 1/2	7 1/2													5.0
3	24	30	1 1/2	3/8	1/2	5	8 3/4	9 1/2	7 3/4	8	4	3 1/4	4 1/2	7 1/2													5.0
4																											
5																											

STANDARD SIGN
R3-53

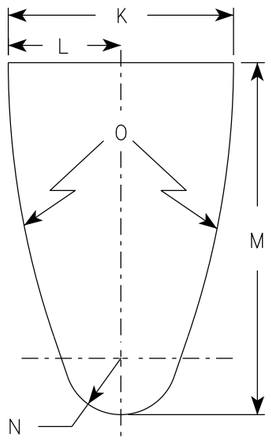
WISCONSIN DEPT OF TRANSPORTATION

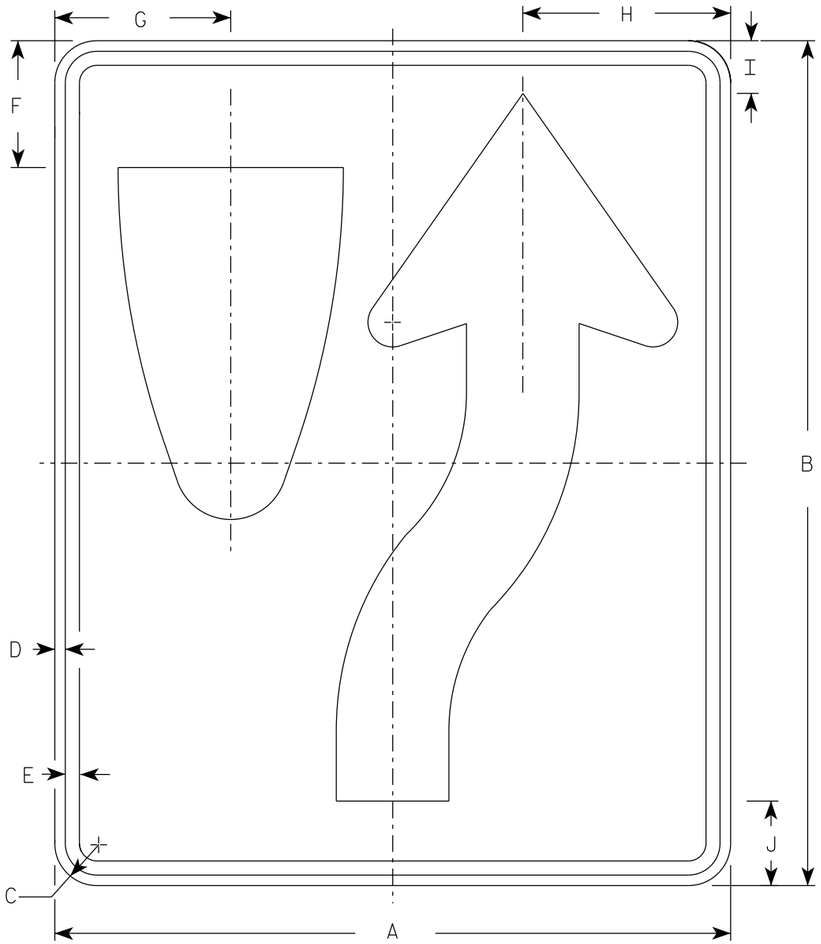
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/23/23 PLATE NO. R3-53.9

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 845 | E

DIVIDER DETAIL



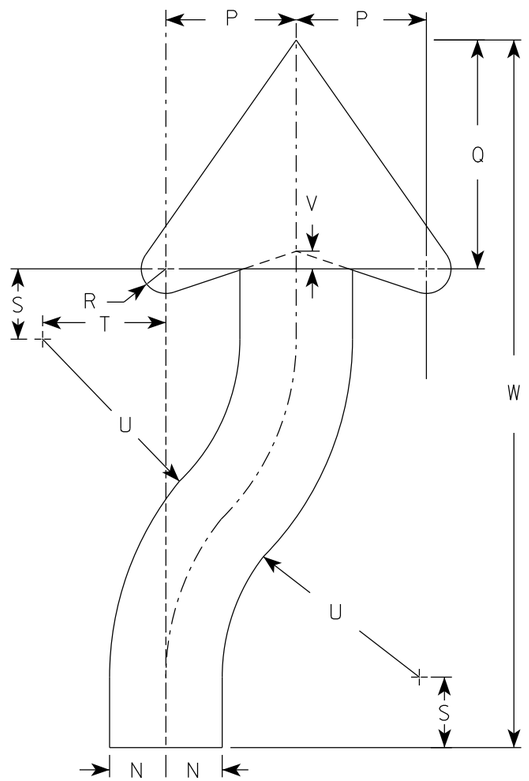


R4-7

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. R4-8 is the same as R4-7 except Legend is reversed.

ARROW DETAIL



SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	18	24	1 1/2	3/8	1/2	3 3/8	4 3/4	5 1/2	1 3/8	2 1/4	6	3	9 3/8	1 1/2	22 1/2	3 1/2	6 1/8	5/8	1 7/8	3 1/4	6 3/4	1/2	20 3/8				3.0
2S	24	30	1 1/2	3/8	1/2	4 1/2	6 1/4	7 3/8	1 7/8	3	8	4	12 1/2	2	30	4 5/8	8 1/8	7/8	2 1/2	4 3/8	9	5/8	25 1/8				5.0
2M	24	30	1 1/2	3/8	1/2	4 1/2	6 1/4	7 3/8	1 7/8	3	8	4	12 1/2	2	30	4 5/8	8 1/8	7/8	2 1/2	4 3/8	9	5/8	25 1/8				5.0
3	36	48	1 7/8	1/2	5/8	6 3/4	9 3/8	11 1/8	2 7/8	4 1/2	12	6	18 3/4	3	45	6 7/8	12 1/4	1 1/4	3 3/4	6 5/8	13 1/2	1	40 3/4				12.0
4	36	48	1 7/8	1/2	5/8	6 3/4	9 3/8	11 1/8	2 7/8	4 1/2	12	6	18 3/4	3	45	6 7/8	12 1/4	1 1/4	3 3/4	6 5/8	13 1/2	1	40 3/4				12.0
5	48	60	3	3/4	1	9	12 1/2	14 3/4	3 3/4	6	16	8	25	4	60	9 1/4	16 1/4	1 5/8	5	8 3/4	18	1 1/4	50 1/4				20.0

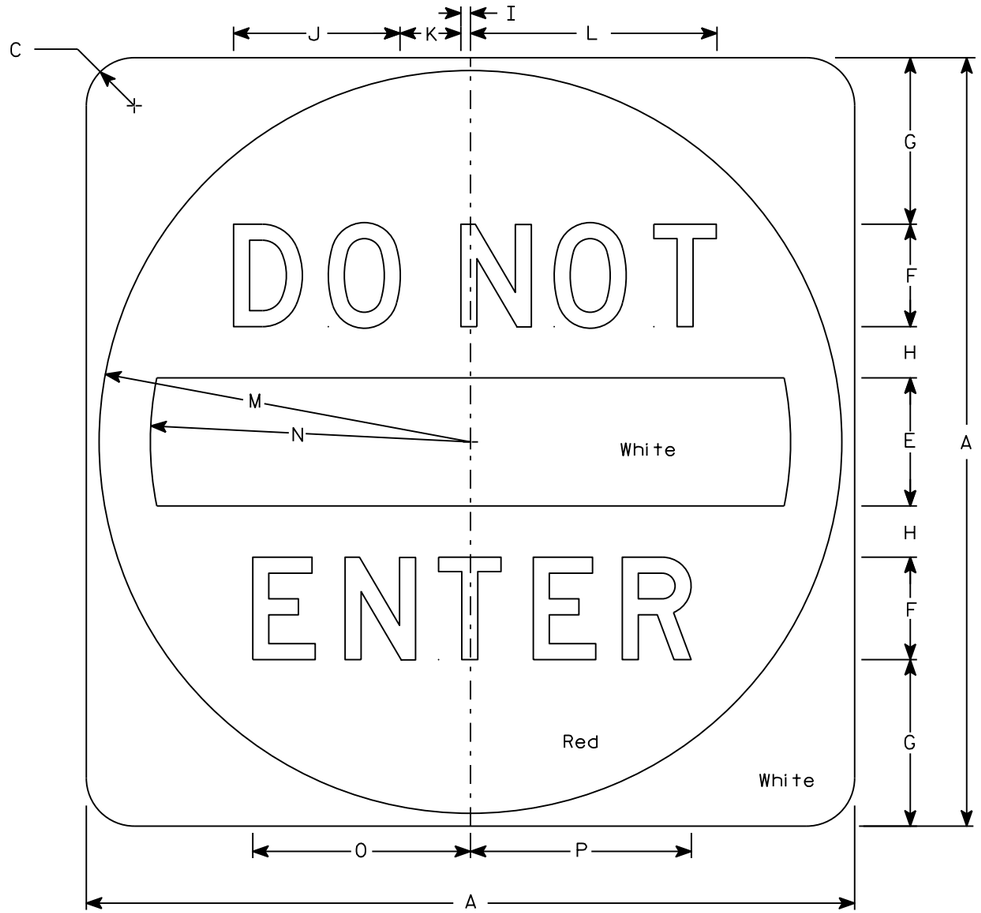
STANDARD SIGN
R4-7 & R4-8

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch for State Traffic Engineer

DATE 8/17/23 PLATE NO. R4-7.9

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 846 E



R5-1

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - See detail
   Message - White
3. Message Series - D

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	30		1 7/8		5	4	6 1/2	2	3/8	6 1/2	2 3/8	9 5/8	14 1/2	12 1/2	8 1/2	8 5/8											6.25
2M	36		2 1/4		6	5	7 1/2	2 1/2	1/2	8 1/8	3	12 1/8	17 1/2	15	10 5/8	10 3/4											9.0
3	36		2 1/4		6	5	7 1/2	2 1/2	1/2	8 1/8	3	12 1/8	17 1/2	15	10 5/8	10 3/4											9.0
4	36		2 1/4		6	5	7 1/2	2 1/2	1/2	8 1/8	3	12 1/8	17 1/2	15	10 5/8	10 3/4											9.0
5	48		3		8	6	11	3	5/8	9 3/4	3 5/8	14 1/2	23 1/2	20	12 3/4	12 7/8											16.0

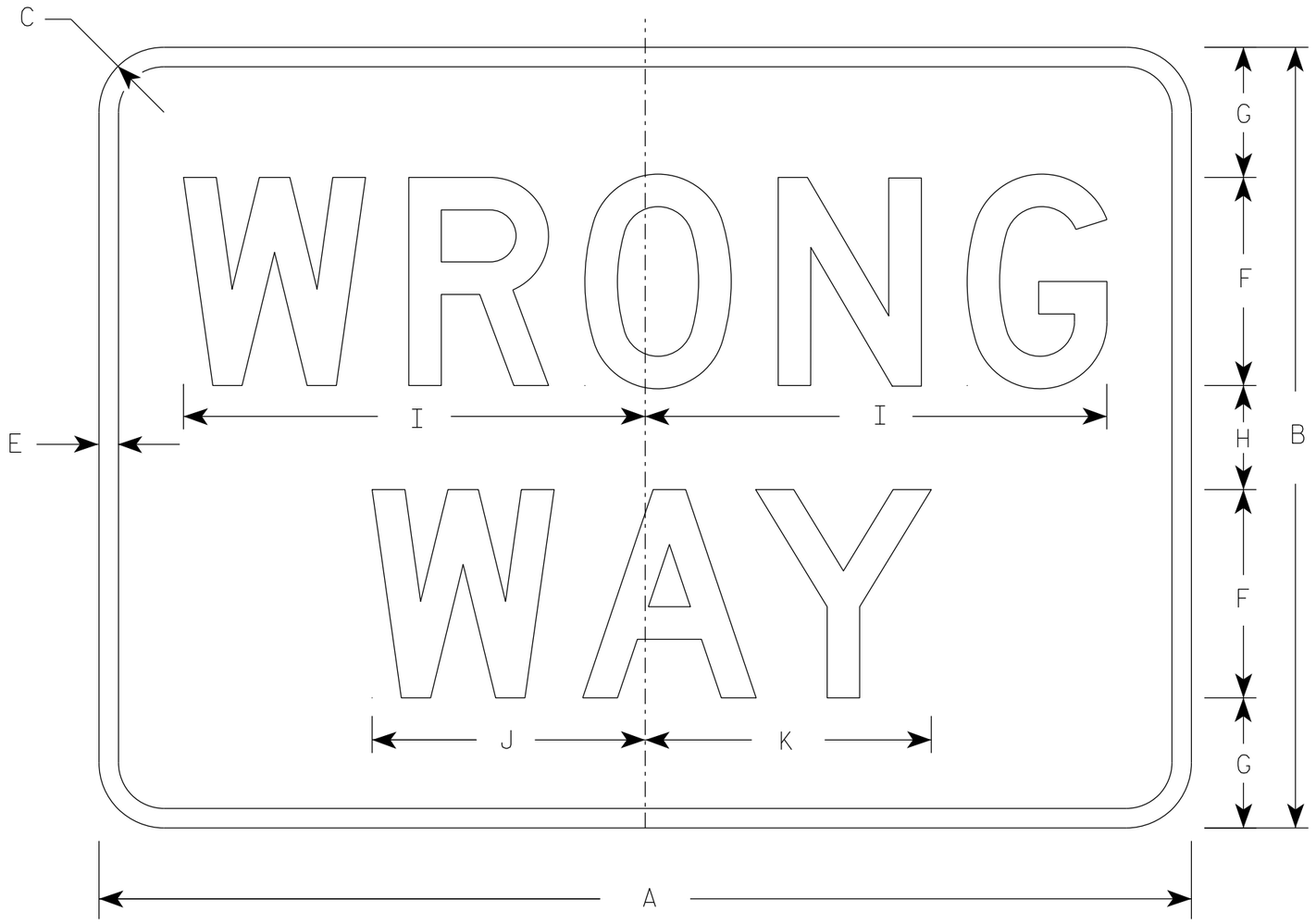
STANDARD SIGN
R5-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/15/18 PLATE NO. R5-1.16

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 847 | E



R5-1A

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - Red
   Message - White
3. Message Series - D

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	30	18	1 1/2		1/2	5	3	2	11	6 1/2	6 7/8																3.75
2S	36	24	1 1/2		5/8	6	4 1/2	3	13 1/4	7 7/8	8 1/4																6.00
2M	42	30	1 7/8		3/4	8	5	4	17 3/4	10 1/2	11																8.75
3	42	30	1 7/8		3/4	8	5	4	17 3/4	10 1/2	11																8.75
4	42	30	1 7/8		3/4	8	5	4	17 3/4	10 1/2	11																8.75
5	42	30	1 7/8		3/4	8	5	4	17 3/4	10 1/2	11																8.75

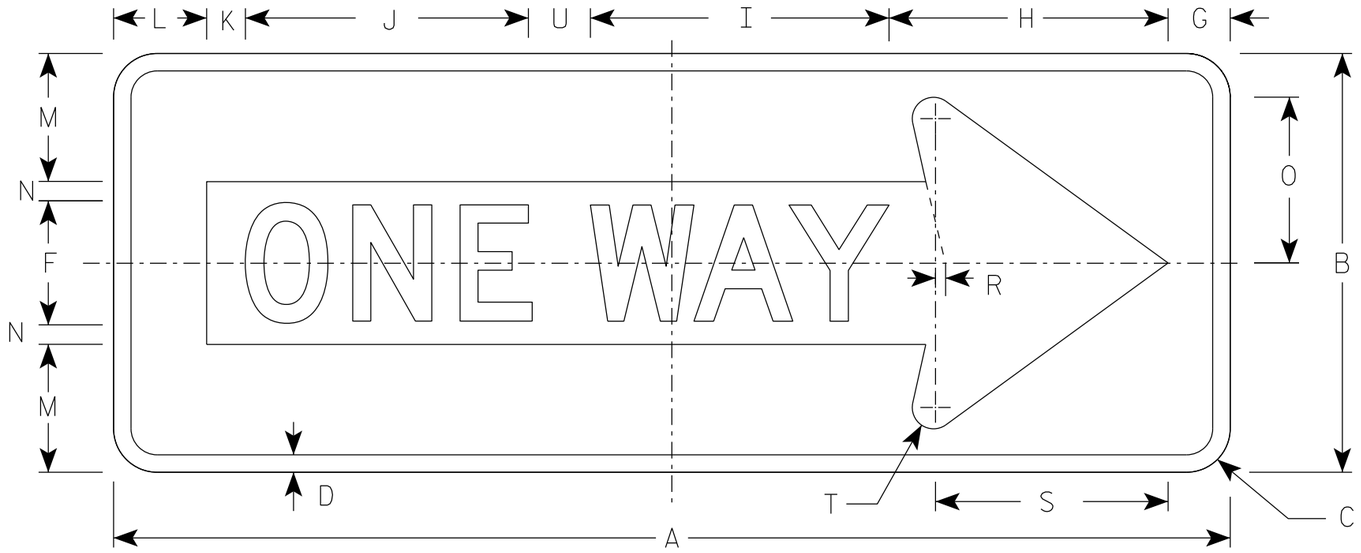
STANDARD SIGN
R5-1A

WISCONSIN DEPT OF TRANSPORTATION

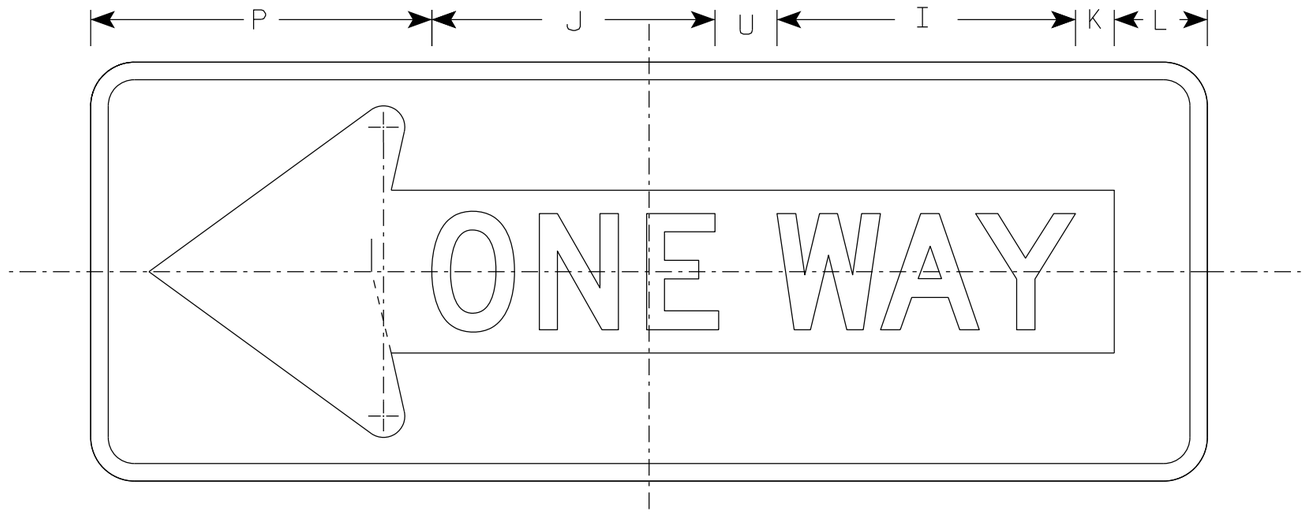
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 8/17/23 PLATE NO. R5-1A.3

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 848 | E



R6-1R



R6-1L

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - Black
   Message - Black Legend & White Arrow & Border
3. Message Series - D

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	36	12	1 ½	½		4	2	7 ½	9 ⅝	9 ⅛	1 ¼	3	3 ⅜	⅝	4 ⅜	11		⅜	7 ½	¾	2						3.0
2M	48	18	1 ⅞	¾		5	2 ½	11	13	12 ¼	2 ¾	3 ½	5 ½	1	7 ⅛	13 ½		½	10 ⅛	⅞	3						6.0
3	48	18	1 ⅞	¾		5	2 ½	11	13	12 ¼	2 ¾	3 ½	5 ½	1	7 ⅛	13 ½		½	10 ⅛	⅞	3						6.0
4	48	18	1 ⅞	¾		5	2 ½	11	13	12 ¼	2 ¾	3 ½	5 ½	1	7 ⅛	13 ½		½	10 ⅛	⅞	3						6.0
5																											

STANDARD SIGN
R6-1 L&R

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 4/7/2025 PLATE NO. R6-1.5

PROJECT NO:

SHEET NO: 849 E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\R61.dgn PLOT DATE : 7-APR 2025 1:18 PLOT BY : dotc4c

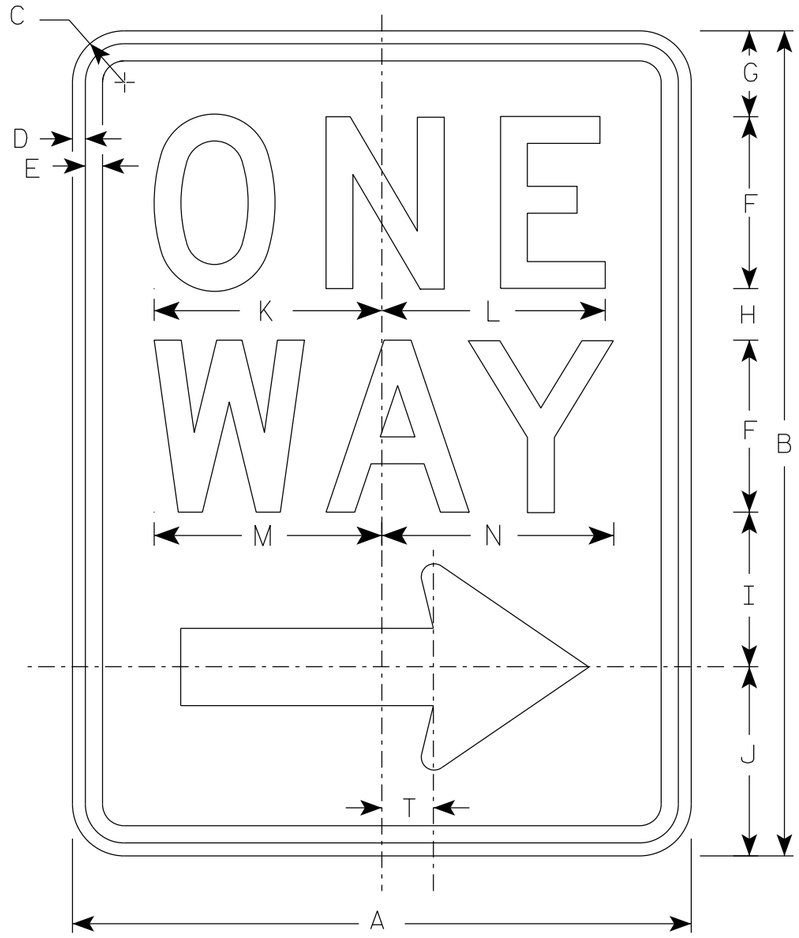
WISDOT/CADDS SHEET 42

7

7

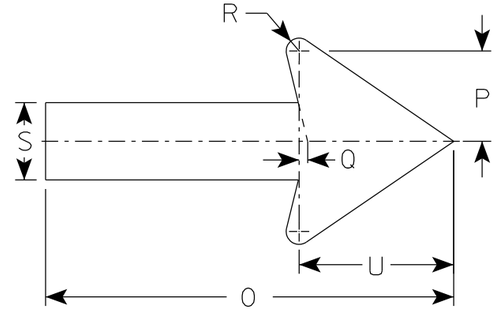
NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - D
4. R6-2L same as R6-2R except arrow points to the left.



R6-2R

Arrow Detail



SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
1	18	24	1 1/2	3/8	1/2	5	2 1/2	1 1/2	4 1/2	5 1/2	6 5/8	6 1/2	6 5/8	6 3/4	11 7/8	2 5/8	1/4	3/8	2 1/4	1 1/2	4 1/2					
2S	24	1 1/2	1 1/2	3/8	1/2	6	3	2 1/2	5 1/2	7	8 1/8	8 1/8	8 1/2	8 5/8	16	3 1/2	3/8	1/2	3	2	6					
2M	30	36	1 7/8	1/2	5/8	8	2 1/2	2 5/8	6 7/8	8	10 1/2	10 1/2	11 1/4	11 1/4	20	4 3/8	1/2	5/8	3 3/4	2 1/2	7 1/2					
3	36	48	1 7/8	1/2	5/8	10	5 1/4	3 1/4	9	10 1/2	12 3/4	12 3/4	13 1/4	13 1/2	24	5 5/8	1/2	3/4	4 3/4	3	9					
4	36	48	1 7/8	1/2	5/8	10	5 1/4	3 1/4	9	10 1/2	12 3/4	12 3/4	13 1/4	13 1/2	24	5 5/8	1/2	3/4	4 3/4	3	9					
5																										

STANDARD SIGN
R6-2 R&L

WISCONSIN DEPT OF TRANSPORTATION

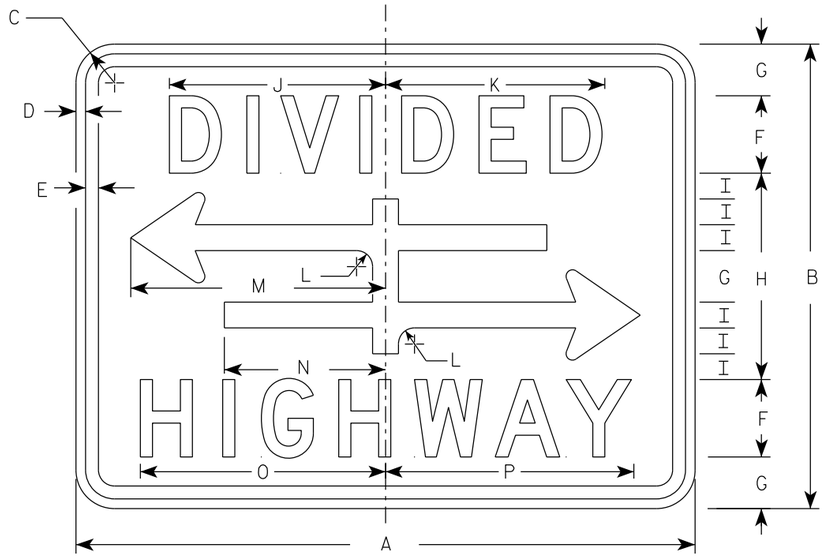
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/2/10 PLATE NO. R6-2.8

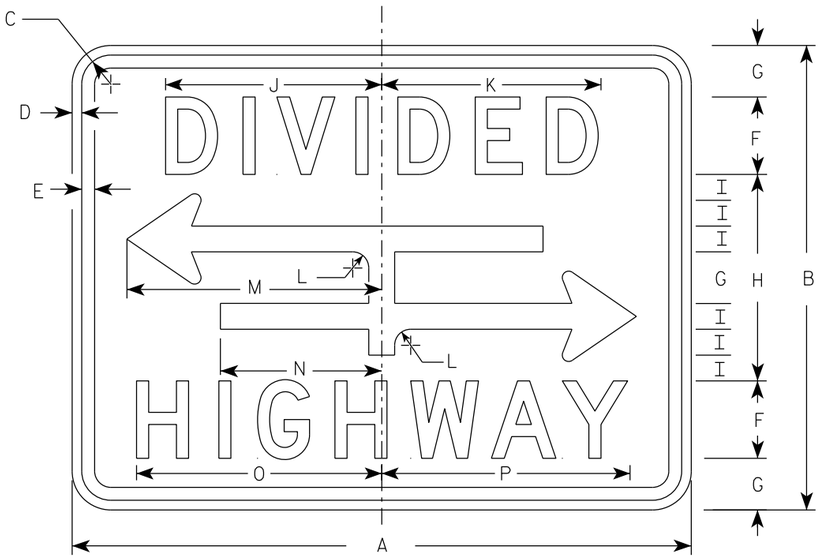
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 850	E

NOTES

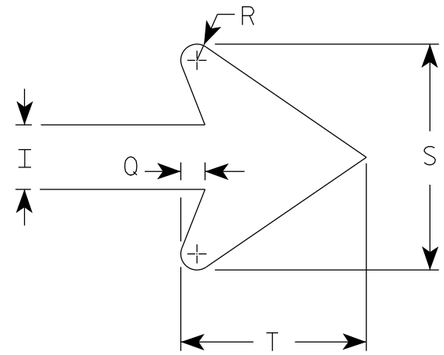
1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - D



R6-3



R6-3A



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	24	18	1 1/2	3/8	3/8	3	2	8	1	8 3/8	8 1/2	5/8	9 7/8	6 1/4	9 1/2	9 5/8	3/8	1/4	3 1/2	2 3/4							3.0
2S	30	24	1 1/2	3/8	1/2	4	2 5/8	10 3/4	1 3/8	10 1/2	10 5/8	7/8	12 1/2	7 7/8	12 1/4	12 3/8	1/2	3/8	4 5/8	3 5/8							5.0
2M	30	24	1 1/2	3/8	1/2	4	2 5/8	10 3/4	1 3/8	10 1/2	10 5/8	7/8	12 1/2	7 7/8	12 1/4	12 3/8	1/2	3/8	4 5/8	3 5/8							5.0
3																											
4																											
5																											

STANDARD SIGN
R6-3 & R6-3A

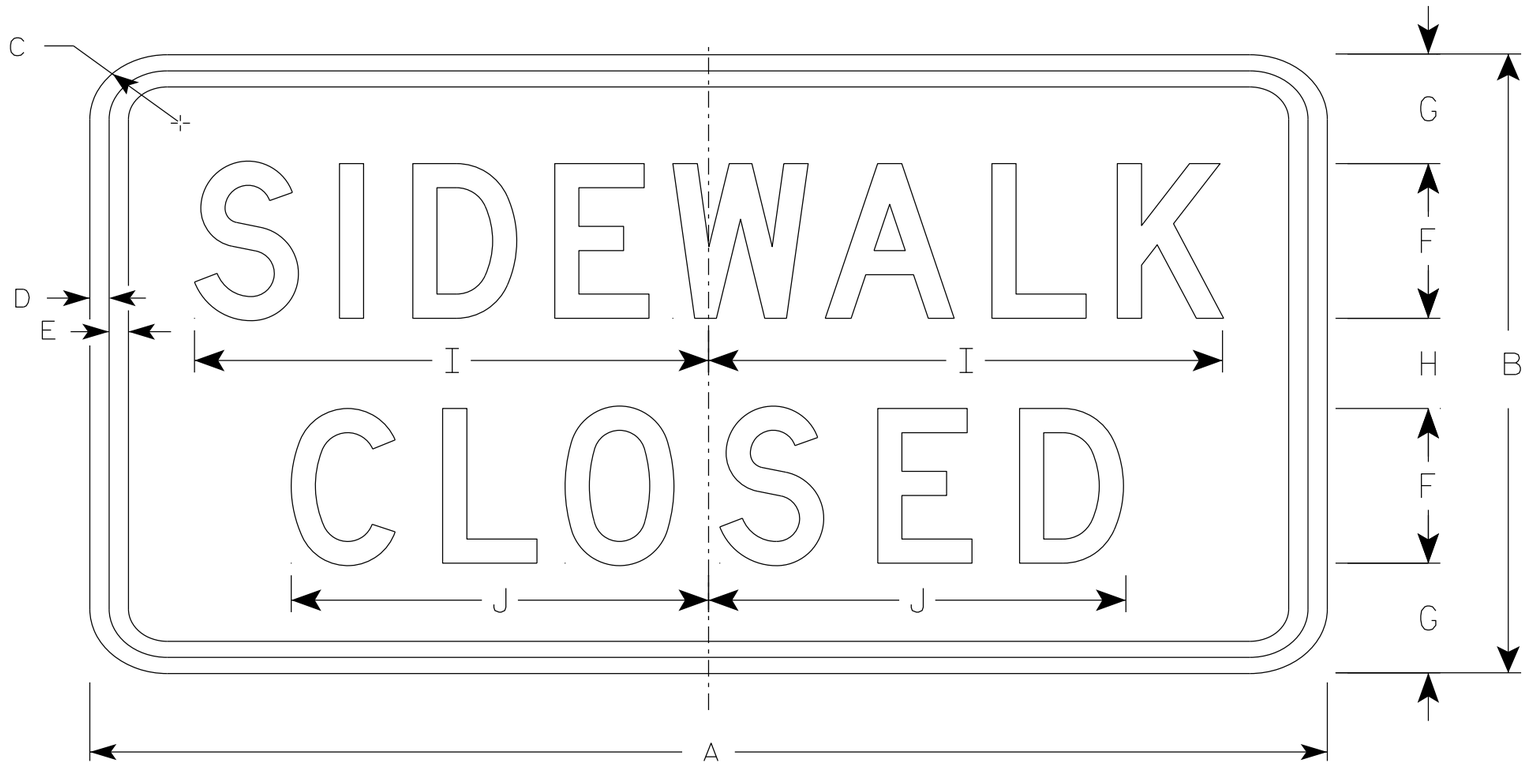
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 10/26/23 PLATE NO. R6-3.6

PROJECT NO:

SHEET NO: 851 E



R9-9

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - C
4. Use Size 2 for Sidewalks. Use Size 3 for Paths and Trails.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	24	12	1 ½	½	½	3	2 ⅛	1 ¾	10	8 ⅛																	2.0
2M	24	12	1 ½	½	½	3	2 ⅛	1 ¾	10	8 ⅛																	2.0
3	30	18	1 ½	½	½	4	3 ½	3	12 ½	10 ¼																	3.75
4																											
5																											

STANDARD SIGN
R9-9

WISCONSIN DEPT OF TRANSPORTATION

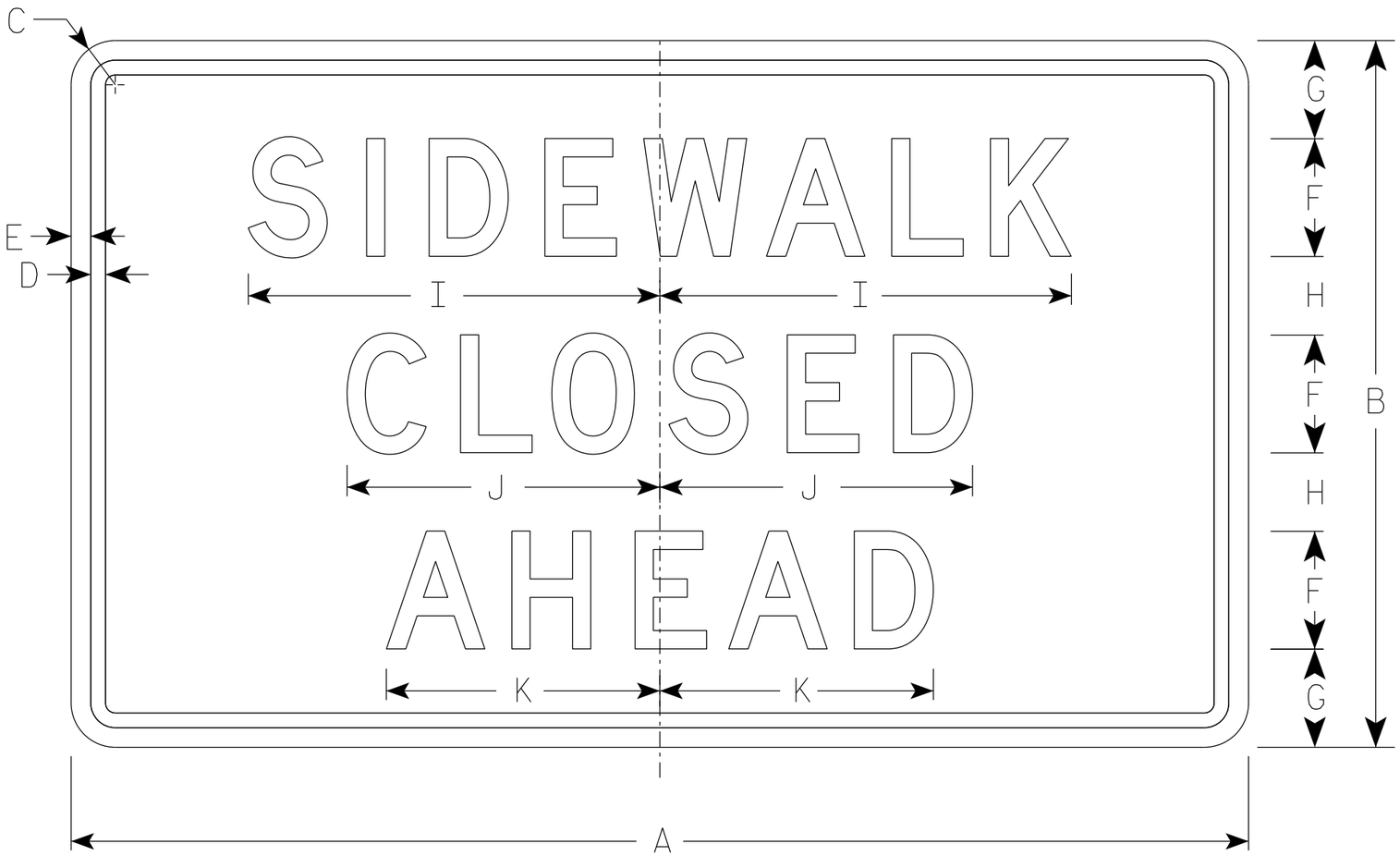
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/24/24 PLATE NO. R9-9.7

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 852 | E

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - D



R9-9A

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	30	18	1 ½	⅜	½	3	2 ½	2	10 ½	8	7																3.75
2M	30	18	1 ½	⅜	½	3	2 ½	2	10 ½	8	7																3.75
3																											
4																											
5																											

STANDARD SIGN
R9-9A

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

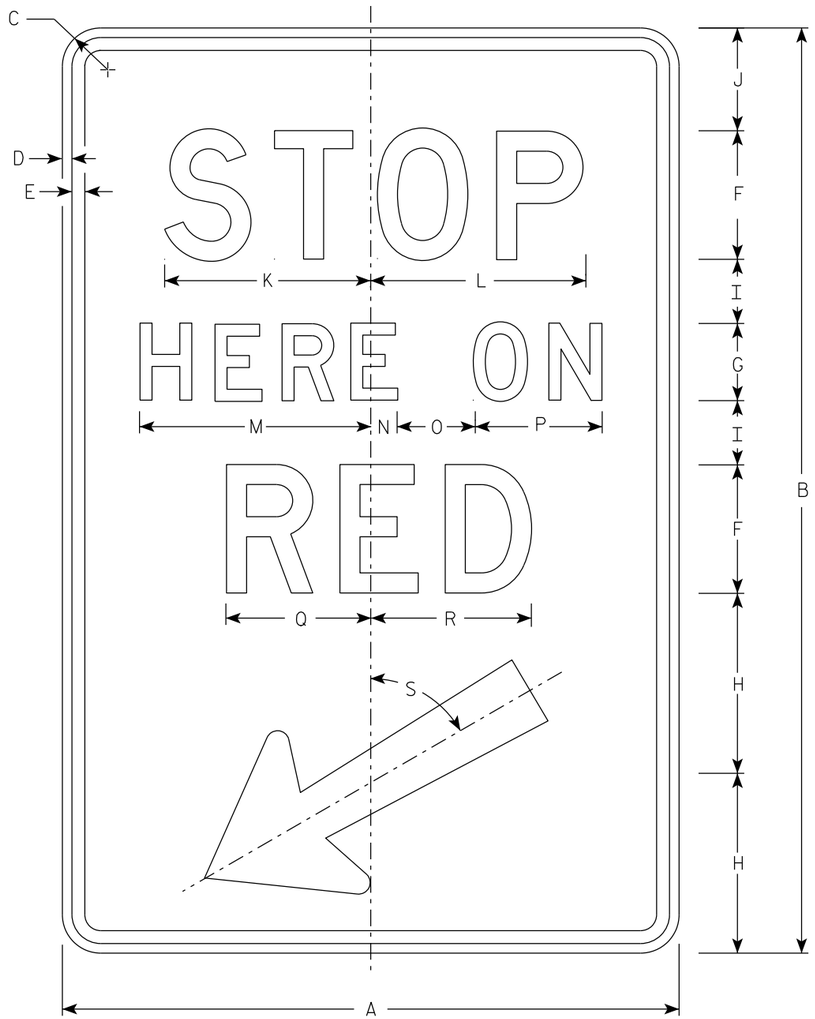
DATE 1/24/24 PLATE NO. R9-9A.2

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 853	E

FILE NAME : C:\CAEFiles\Projects\tr_stdplate\R99A.DGN PLOT DATE : 24-JAN 2024 11:58 PLOT BY : mscj9h PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42

7

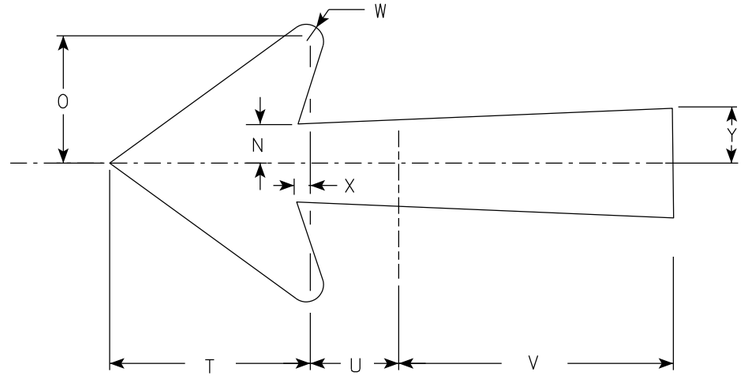
7



R10-6

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - D



Arrow Detail

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Areq sq. ft.
1																											
2S	24	36	1 1/2	3/8	1/2	5	3	7	2 1/2	4	8	8 3/8	9	1	3	5	5 5/8	6 1/4	60°	5 1/4	2 1/4	7 1/8	1/2	3/8	1 3/8		6.0
2M	24	36	1 1/2	3/8	1/2	5	3	7	2 1/2	4	8	8 3/8	9	1	3	5	5 5/8	6 1/4	60°	5 1/4	2 1/4	7 1/8	1/2	3/8	1 3/8		6.0
3																											
4																											
5																											

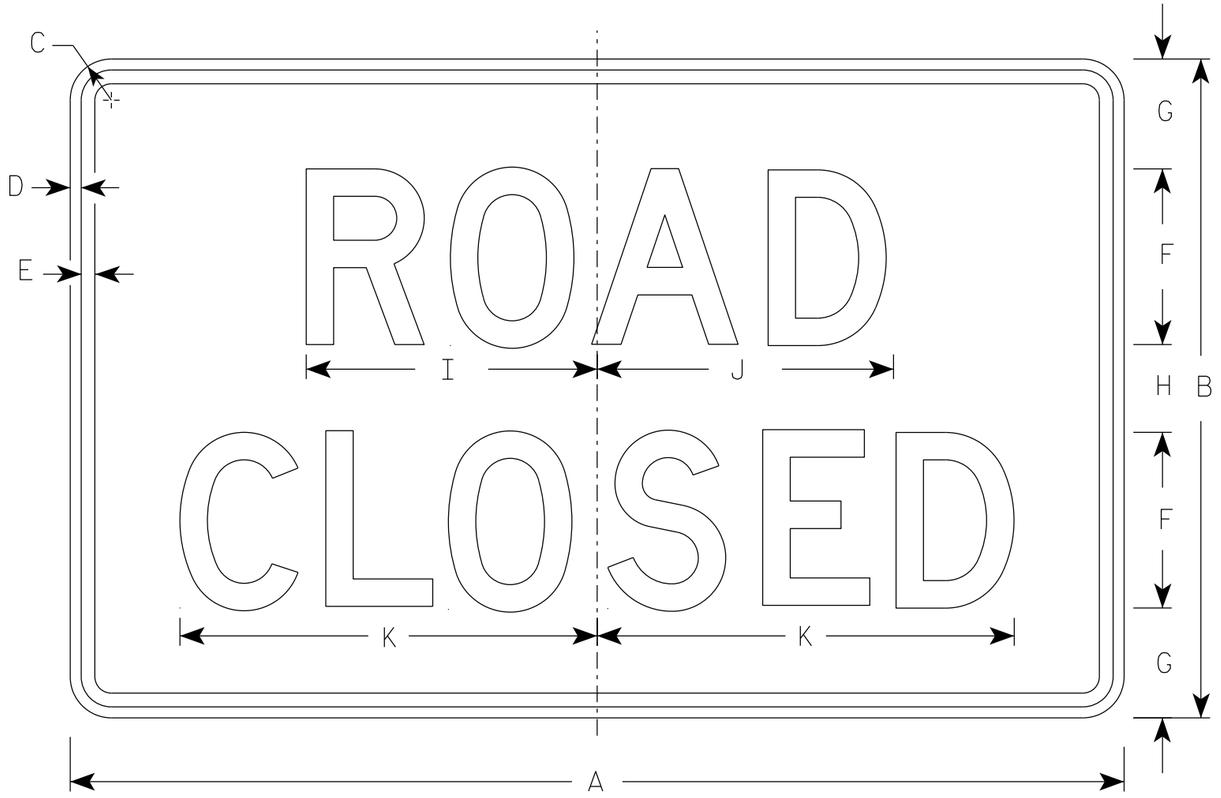
STANDARD SIGN
R10-6

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/25/24 PLATE NO. R10-6.7

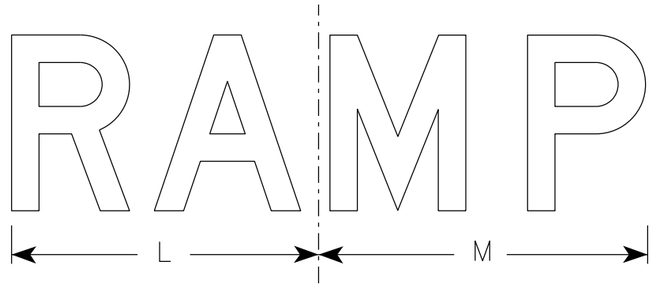
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 854	E



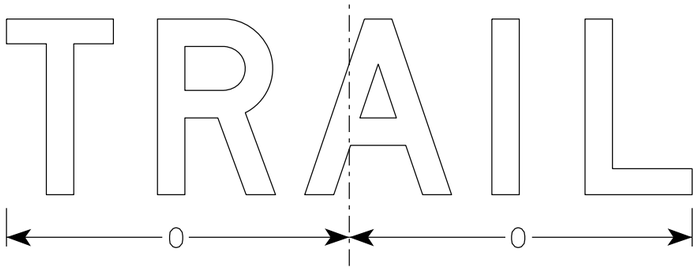
R11-2

NOTES

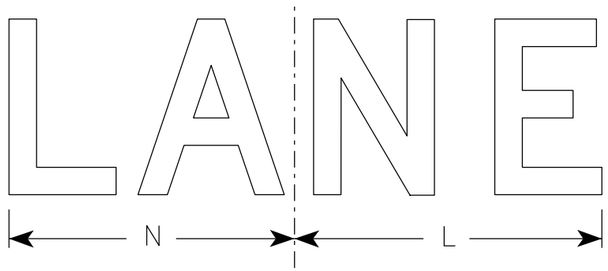
1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - D
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Modify the message as required.



R11-2R



R11-2T



R11-2L

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	48	30	1 7/8	1/2	5/8	8	5	4	13 1/4	13 1/2	19	14	15	13	15 5/8												10.0
2M	48	30	1 7/8	1/2	5/8	8	5	4	13 1/4	13 1/2	19	14	15	13	15 5/8												10.0
3	48	30	1 7/8	1/2	5/8	8	5	4	13 1/4	13 1/2	19	14	15	13	15 5/8												10.0
4	48	30	1 7/8	1/2	5/8	8	5	4	13 1/4	13 1/2	19	14	15	13	15 5/8												10.0
5	48	30	1 7/8	1/2	5/8	8	5	4	13 1/4	13 1/2	19	14	15	13	15 5/8												10.0

STANDARD SIGN
R11-2

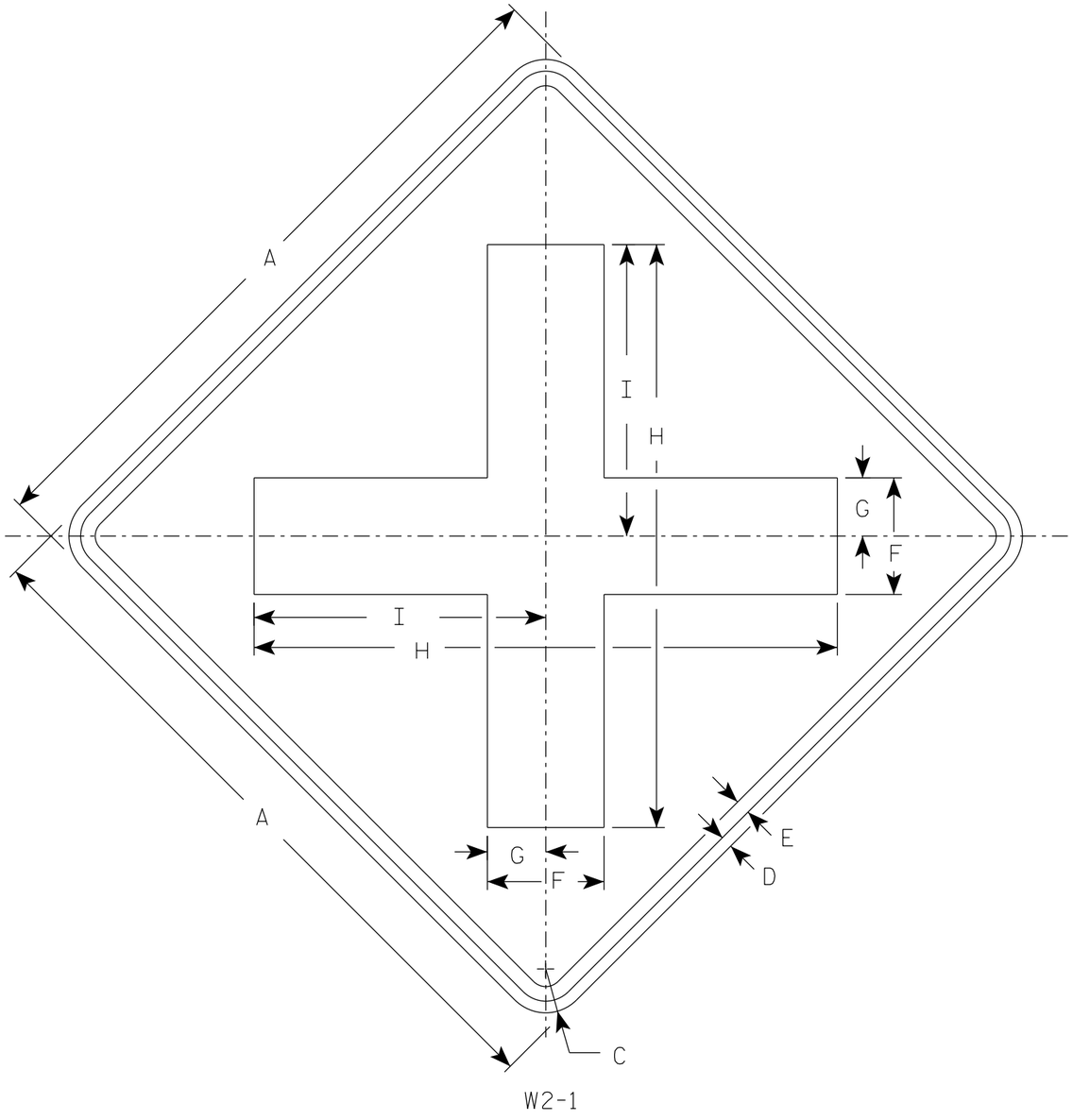
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/5/24 PLATE NO. R11-2.12

PROJECT NO: | HWY: | COUNTY: | SHEET NO: E

FILE NAME : C:\Users\PROJECTS\tr_stdplate\R112.dgn PLOT DATE : 5-FEB 2024 2:10 PLOT BY : mscj9h PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42



W2-1

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Yellow
   Message - Black

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	24		1 1/2	3/8	1/2	4	2	20	10																		4.0
2S	30		1 7/8	1/2	5/8	5	2 1/2	25	12 1/2																		6.25
2M	30		1 7/8	1/2	5/8	5	2 1/2	25	12 1/2																		6.25
3	36		2 1/4	5/8	3/4	6	3	30	15																		9.0
4	48		3	3/4	1	8	4	40	20																		16.0
5																											

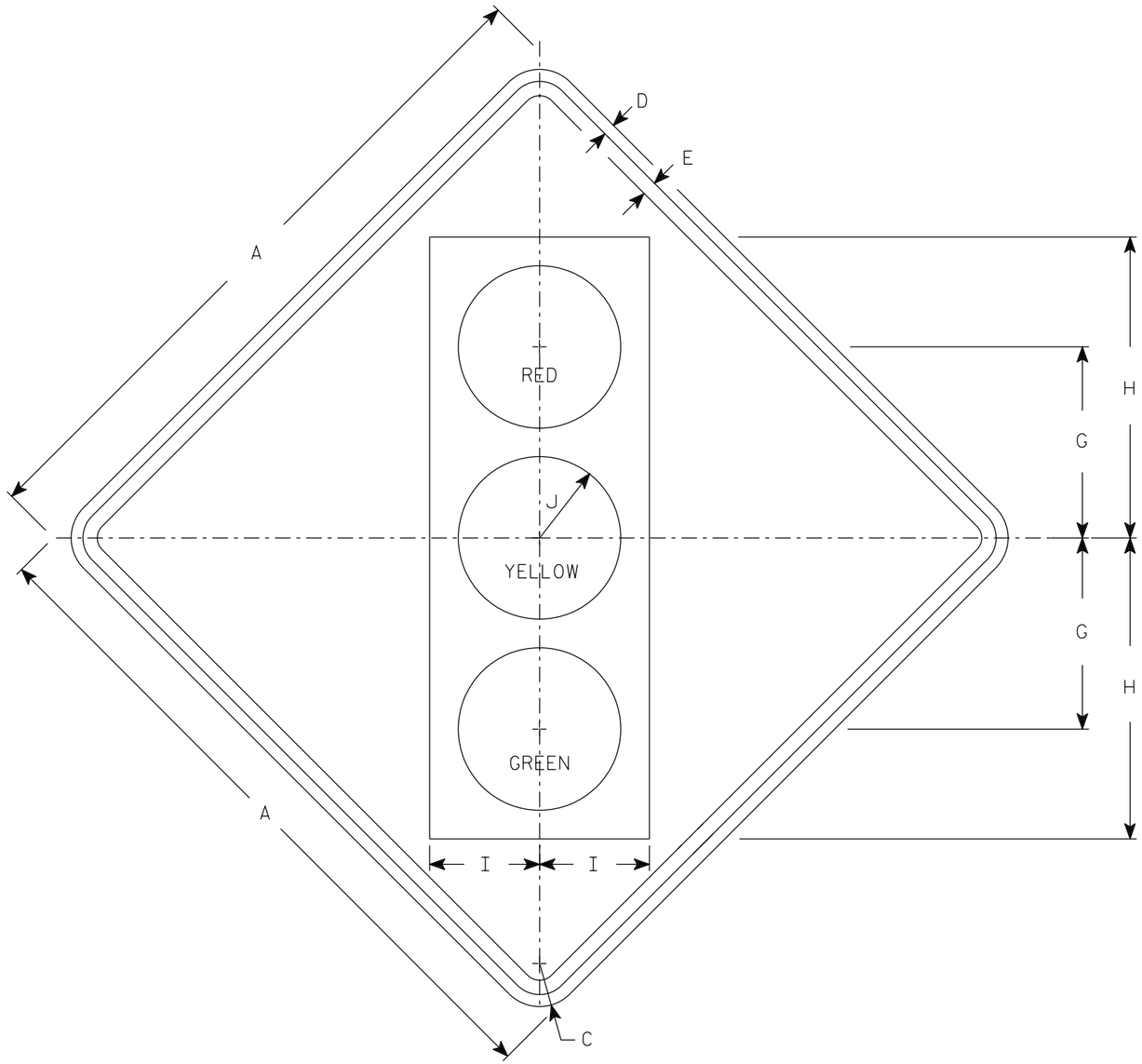
STANDARD SIGN
W2-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 8/16/2023 PLATE NO. W2-1.10

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 856 E



W3-3

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Yellow
   Message - See Note 3
3. Symbol and border are non-reflective black.
   Top circle - Type H Reflectorized Red
   Center circle - Same as background
   Bottom circle - Type H Reflectorized Green

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	30		1 7/8	1/2	5/8		8 3/4	13 3/4	5	3 3/4																	6.25
2S	36		2 1/4	5/8	3/4		10	15 3/4	5 3/4	4 1/4																	9.0
2M	36		2 1/4	5/8	3/4		10	15 3/4	5 3/4	4 1/4																	9.0
3	36		2 1/4	5/8	3/4		10	15 3/4	5 3/4	4 1/4																	9.0
4	48		3	3/4	1		12 1/2	20	7 1/2	5																	16.0
5	48		3	3/4	1		12 1/2	20	7 1/2	5																	16.0

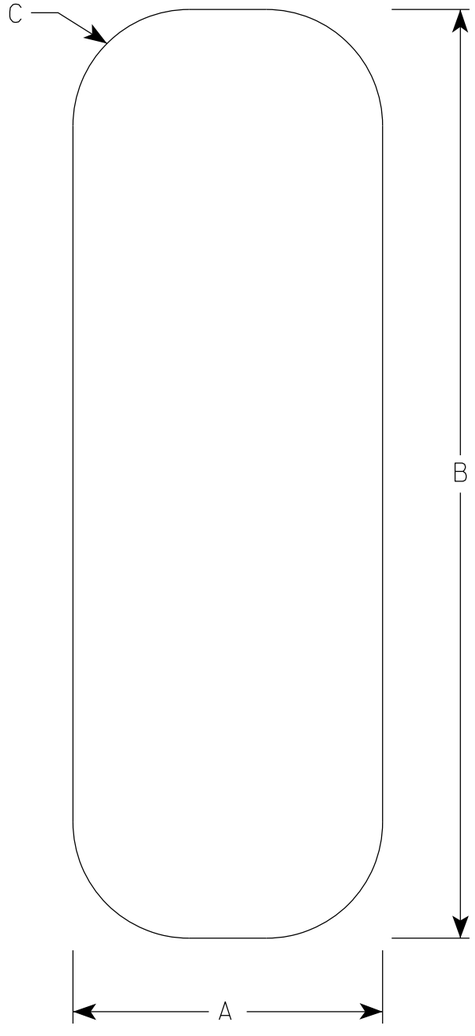
STANDARD SIGN
W3-3

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 8/21/2023 PLATE NO. W3-3.12

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 857	E



W5-53

NOTES

1. Sign is Type II -Type F Reflective
2. Color:
   Background - Yellow

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	6	12	1 ½																								.5
2M	6	12	1 ½																								.5
3																											
4																											
5																											

STANDARD SIGN
W5-53

WISCONSIN DEPT OF TRANSPORTATION

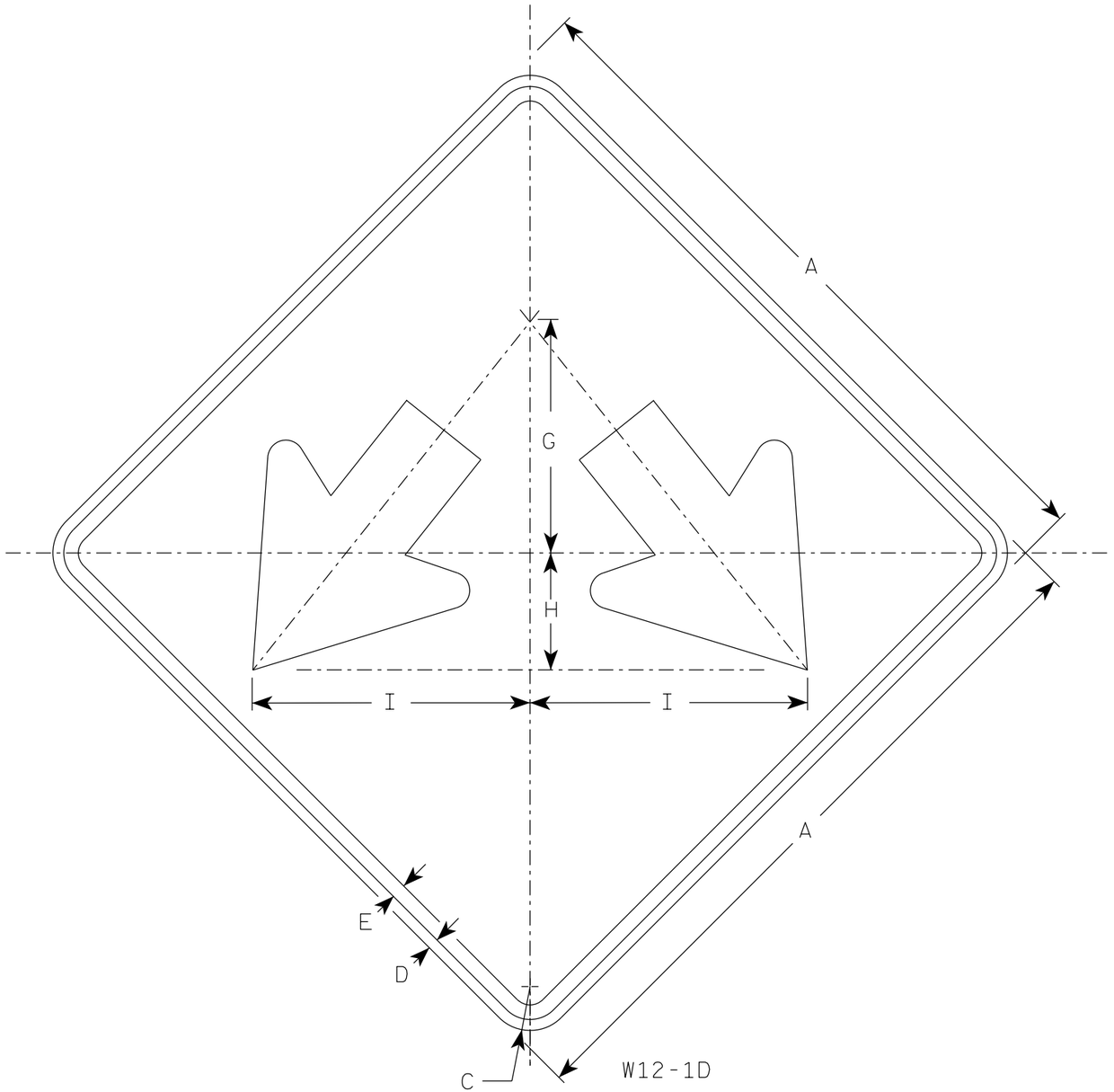
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/4/2024 PLATE NO. W5-53.9

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 858 | E

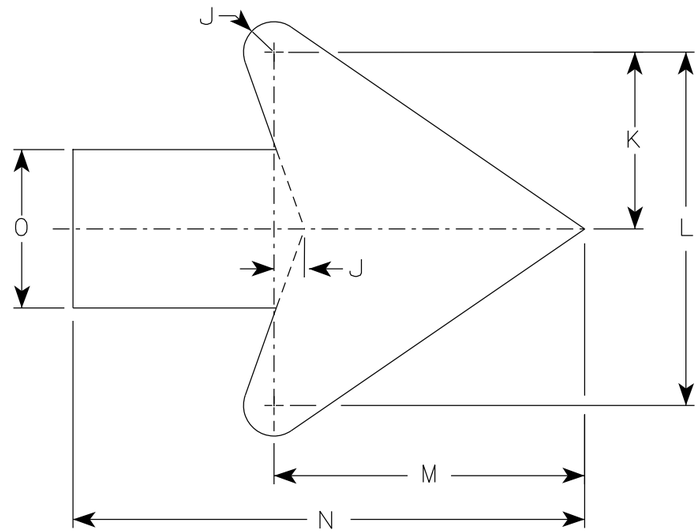
7

7



NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Yellow
   Message - Black



Arrow Detail

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Areq sq. ft.
1																											
2S	24		1 1/2	1/2	3/8		8	4	9 1/2	3/8	3 3/8	7 1/4	6 3/8	10 3/8	3 1/4												4.0
2M	24		1 1/2	1/2	3/8		8	4	9 1/2	3/8	3 3/8	7 1/4	6 3/8	10 3/8	3 1/4												4.0
3	30		1 7/8	1/2	5/8		10	5	11 7/8	3/4	4 1/2	9	7 7/8	13	4												6.25
4	36		2 1/4	1/2	5/8		12	6	14 1/4	1	5 1/2	10 7/8	9 5/8	15 3/4	4 3/4												9.0
5	48		3	3/4	1		16	8	19	1 1/4	7 1/4	14 1/2	12 3/4	21	6 1/4												16.0

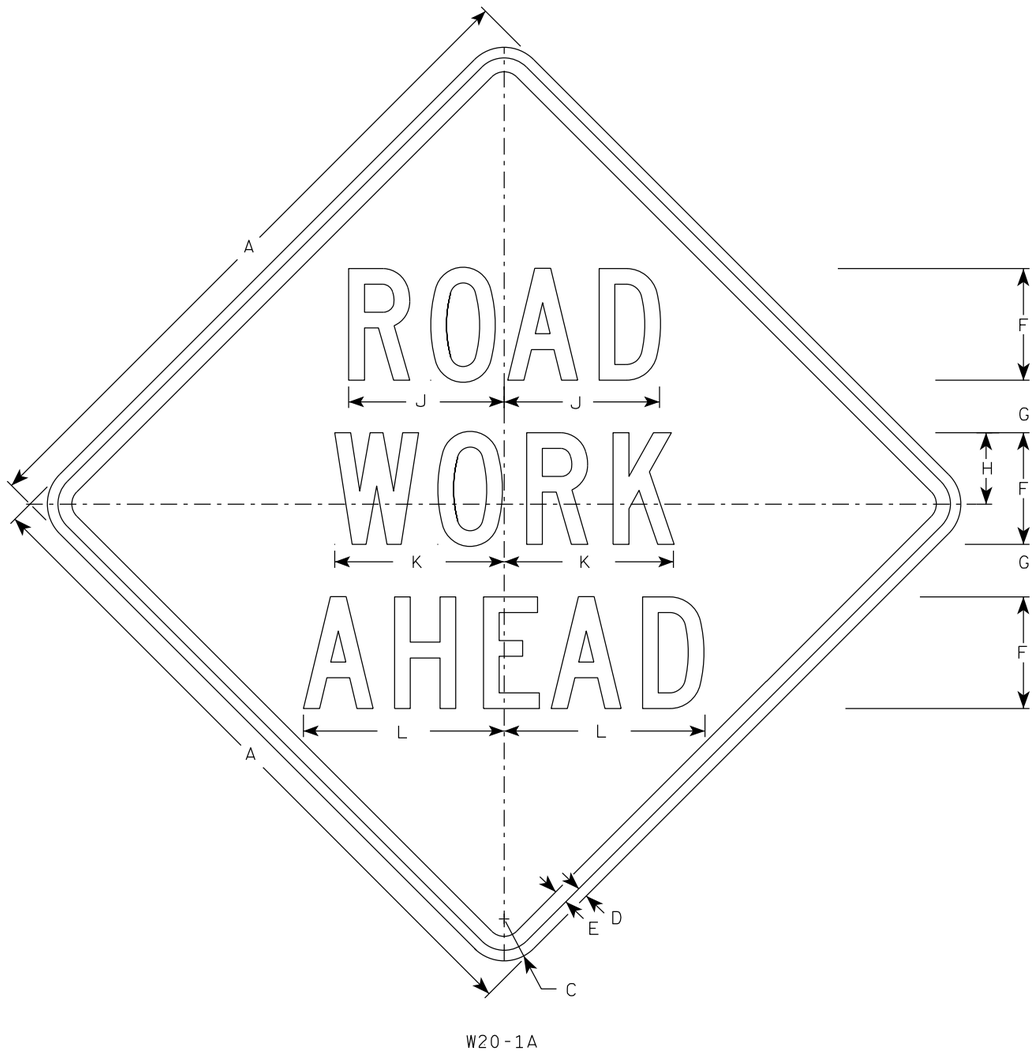
STANDARD SIGN
W12-1D

WISCONSIN DEPT OF TRANSPORTATION

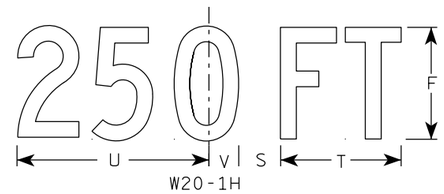
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/30/2023 PLATE NO. W12-1D.16

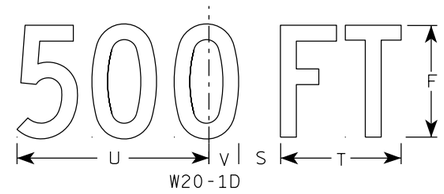
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 859	E



W20-1A



W20-1H



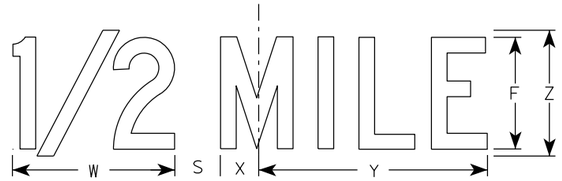
W20-1D

W20-1C

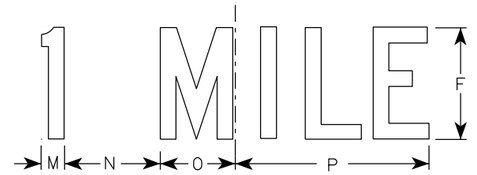
W20-1B

NOTES

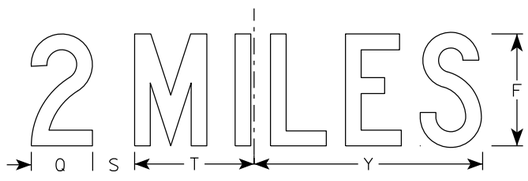
1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.



W20-1G



W20-1F



W20-1E

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36		2 1/4	5/8	3/4	5	2 5/8	3 1/4	10 1/8	7	7 5/8	8 7/8	1 1/8	4 1/2	3 1/2	9	3 1/4	2 1/2	2 1/4	5 5/8	9	1 3/8	8	1 3/4	10 3/4	6	9.0
2S	48		3	3/4	1	8	3 3/4	5 1/8	15 3/8	11 1/8	12 1/8	14 3/8	1 5/8	6 7/8	5 3/8	13 7/8	4 3/8	3 7/8	3	8 5/8	13 3/4	2 1/8	11 7/8	2 3/4	16 3/8	9	16.0
2M	48		3	3/4	1	8	3 3/4	5 1/8	15 3/8	11 1/8	12 1/8	14 3/8	1 5/8	6 7/8	5 3/8	13 7/8	4 3/8	3 7/8	3	8 5/8	13 3/4	2 1/8	11 7/8	2 3/4	16 3/8	9	16.0
3	48		3	3/4	1	8	3 3/4	5 1/8	15 3/8	11 1/8	12 1/8	14 3/8	1 5/8	6 7/8	5 3/8	13 7/8	4 3/8	3 7/8	3	8 5/8	13 3/4	2 1/8	11 7/8	2 3/4	16 3/8	9	16.0
4	48		3	3/4	1	8	3 3/4	5 1/8	15 3/8	11 1/8	12 1/8	14 3/8	1 5/8	6 7/8	5 3/8	13 7/8	4 3/8	3 7/8	3	8 5/8	13 3/4	2 1/8	11 7/8	2 3/4	16 3/8	9	16.0
5	48		3	3/4	1	8	3 3/4	5 1/8	15 3/8	11 1/8	12 1/8	14 3/8	1 5/8	6 7/8	5 3/8	13 7/8	4 3/8	3 7/8	3	8 5/8	13 3/4	2 1/8	11 7/8	2 3/4	16 3/8	9	16.0

STANDARD SIGN
W20-1A, B, C, D, E, F, G & H

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
For State Traffic Engineer

DATE 1/10/2024 PLATE NO. W20-1.12

PROJECT NO:

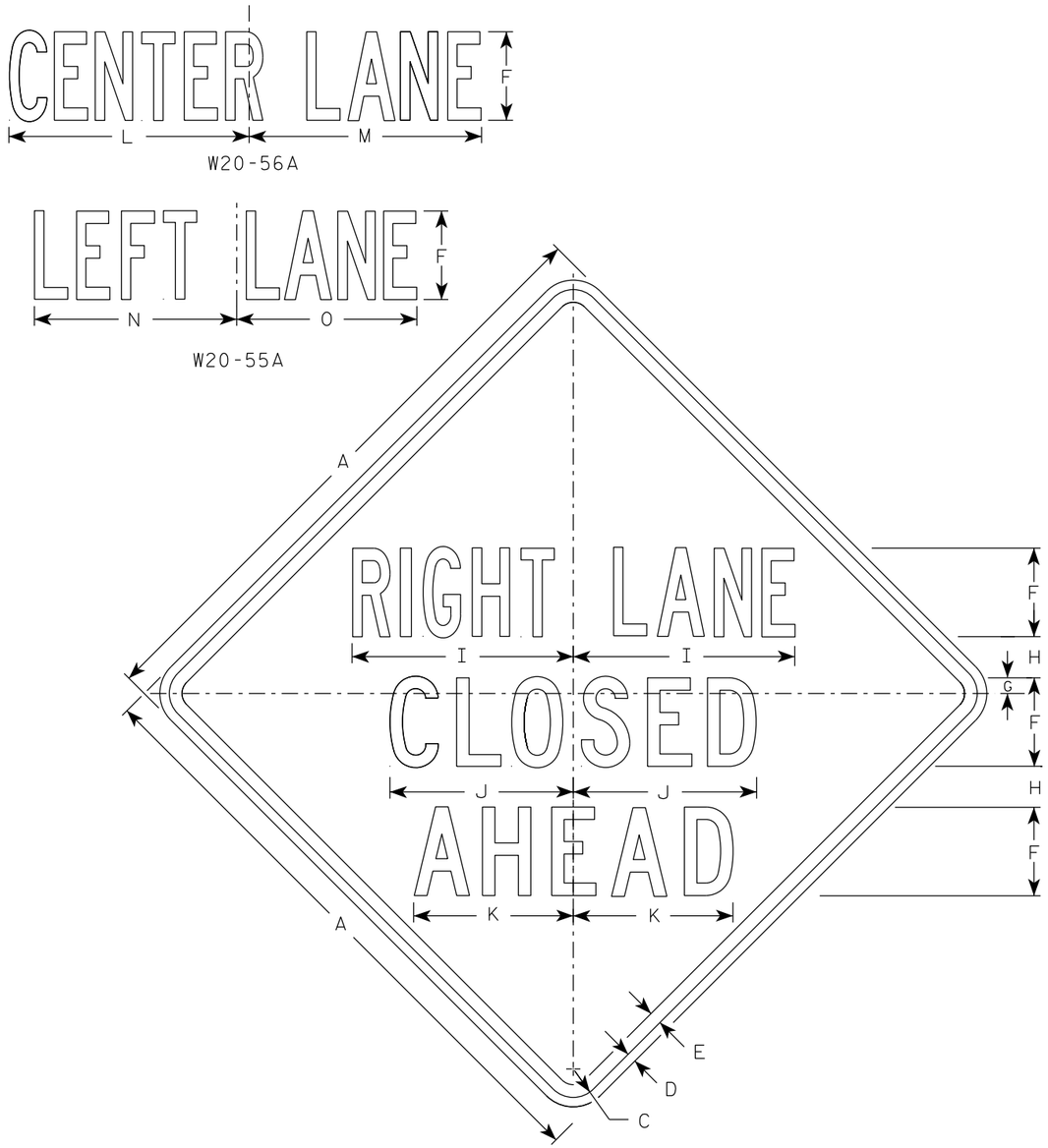
SHEET NO: 860 E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\W201.DGN PLOT DATE : 10-JAN 2024 11:16 PLOT BY : dotc4c

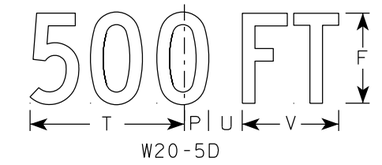
WISDOT/CADDS SHEET 42

7

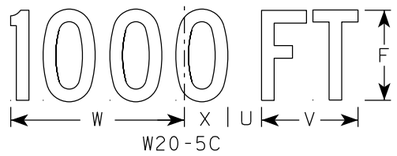
7



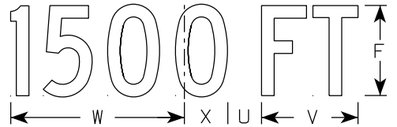
W20-5A



W20-5D



W20-5C



W20-5B

W20-5G

W20-5F

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - See Note 5
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. " _____ LANE" is Series B.
   All other copy is Series C.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36	6	2 1/4	5/8	3/4	5	7/8	2 1/2	13 1/8	10 3/4	9 1/2	14 1/4	13 5/8	12	12	1 3/8	1 1/8	4 1/2	3 1/2	9	1 7/8	5 5/8	10 1/8	2 1/2	1 3/4	8	9.0
2S	48	8	3	3/4	1	7	1 1/4	3 1/4	17 1/2	14 3/8	12 5/8	19	18 3/8	16	14 1/4	1 7/8	1 1/2	6	4 5/8	12	2 5/8	7 1/2	13 1/2	3 3/8	2 3/8	10 5/8	16.0
2M	48	8	3	3/4	1	7	1 1/4	3 1/4	17 1/2	14 3/8	12 5/8	19	18 3/8	16	14 1/4	1 7/8	1 1/2	6	4 5/8	12	2 5/8	7 1/2	13 1/2	3 3/8	2 3/8	10 5/8	16.0
3	48	8	3	3/4	1	7	1 1/4	3 1/4	17 1/2	14 3/8	12 5/8	19	18 3/8	16	14 1/4	1 7/8	1 1/2	6	4 5/8	12	2 5/8	7 1/2	13 1/2	3 3/8	2 3/8	10 5/8	16.0
4	48	8	3	3/4	1	7	1 1/4	3 1/4	17 1/2	14 3/8	12 5/8	19	18 3/8	16	14 1/4	1 7/8	1 1/2	6	4 5/8	12	2 5/8	7 1/2	13 1/2	3 3/8	2 3/8	10 5/8	16.0
5	48	8	3	3/4	1	7	1 1/4	3 1/4	17 1/2	14 3/8	12 5/8	19	18 3/8	16	14 1/4	1 7/8	1 1/2	6	4 5/8	12	2 5/8	7 1/2	13 1/2	3 3/8	2 3/8	10 5/8	16.0

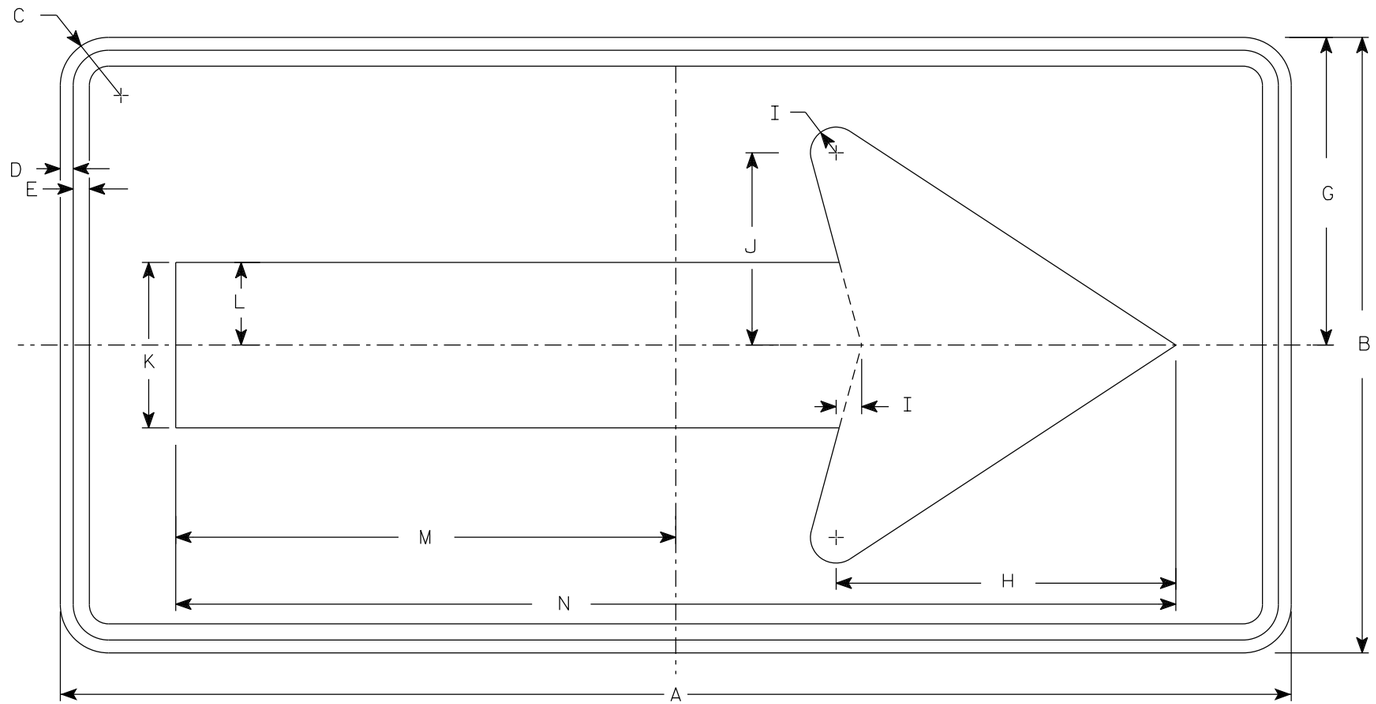
STANDARD SIGN
W20-5A, B, C, D, F & G

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/27/24 PLATE NO. W20-5.12

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 861	E



WO1-6

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	48	24	1 7/8	1/2	5/8		12	13 1/4	1	7 1/2	6 1/2	3 1/4	19 1/2	39													8.0
2M	48	24	1 7/8	1/2	5/8		12	13 1/4	1	7 1/2	6 1/2	3 1/4	19 1/2	39													8.0
3	60	30	1 7/8	1/2	5/8		15	16 1/4	1 1/4	9 1/4	8	4	24 3/8	48 3/4													12.5
4	60	30	1 7/8	1/2	5/8		15	16 1/4	1 1/4	9 1/4	8	4	24 3/8	48 3/4													12.5
5	60	30	1 7/8	1/2	5/8		15	16 1/4	1 1/4	9 1/4	8	4	24 3/8	48 3/4													12.5

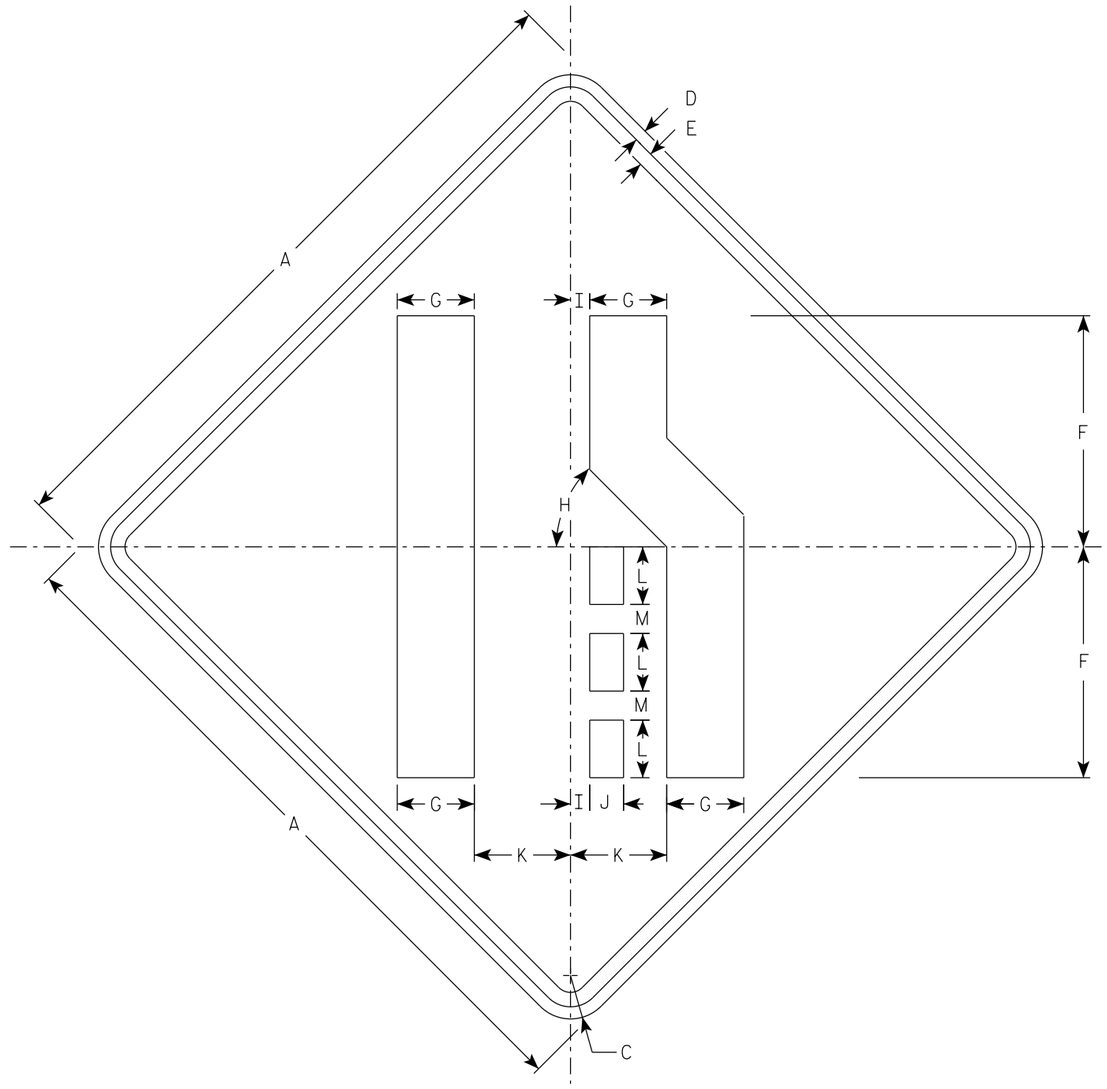
STANDARD SIGN
WO1-6

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/24/2024 PLATE NO. WO1-6.2

PROJECT NO: | HWY: | COUNTY: | SHEET NO: E



W04-2R

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. W04-2L is the same as W04-2R except the symbol is reversed along the vertical centerline.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36		2 1/4	5/8	3/4	12	4	45°	1	1 3/4	5	3	1 1/2														9.0
2S	48		3	3/4	1	16	5 3/8	45°	1 1/4	2 3/8	6 3/4	4	2														16.0
2M	48		3	3/4	1	16	5 3/8	45°	1 1/4	2 3/8	6 3/4	4	2														16.0
3	48		3	3/4	1	16	5 3/8	45°	1 1/4	2 3/8	6 3/4	4	2														16.0
4	48		3	3/4	1	16	5 3/8	45°	1 1/4	2 3/8	6 3/4	4	2														16.0
5	48		3	3/4	1	16	5 3/8	45°	1 1/4	2 3/8	6 3/4	4	2														16.0

STANDARD SIGN
W04-2

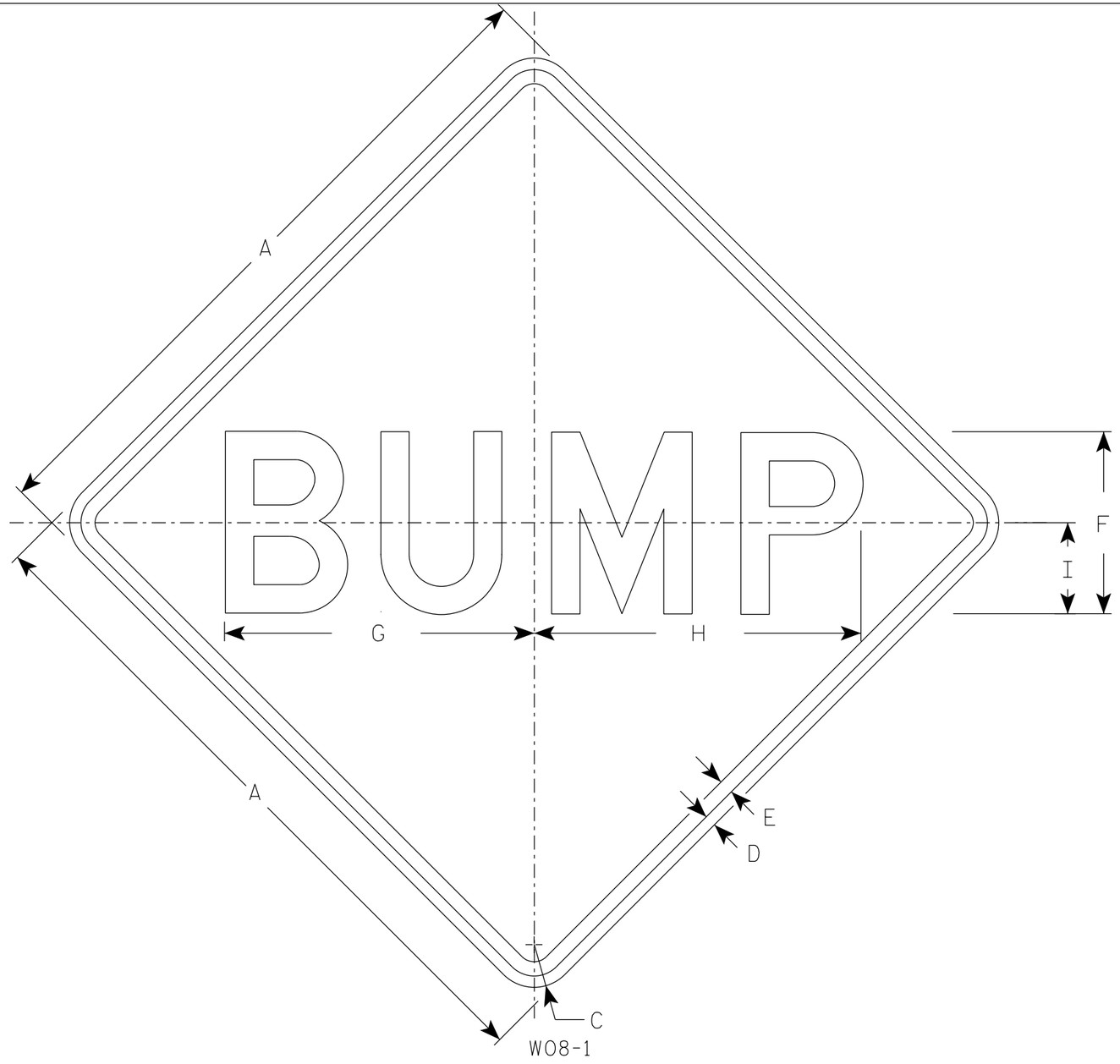
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/25/2024 PLATE NO. W04-2.2

PROJECT NO:

SHEET NO: 863 E



NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - D
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36		2 1/4	5/8	3/4	10	16 7/8	17 7/8	5																		9.0
2S	48		3	3/4	1	12	20 3/8	21 5/8	6																		16.0
2M	48		3	3/4	1	12	20 3/8	21 5/8	6																		16.0
3	48		3	3/4	1	12	20 3/8	21 5/8	6																		16.0
4	48		3	3/4	1	12	20 3/8	21 5/8	6																		16.0
5	48		3	3/4	1	12	20 3/8	21 5/8	6																		16.0

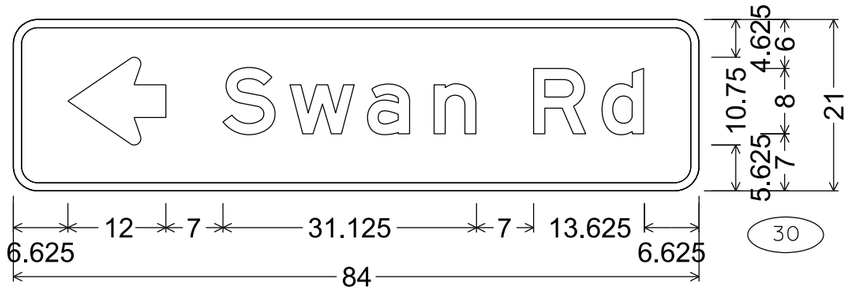
STANDARD SIGN
W08-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
For State Traffic Engineer

DATE 1/30/2024 PLATE NO. W08-1.2

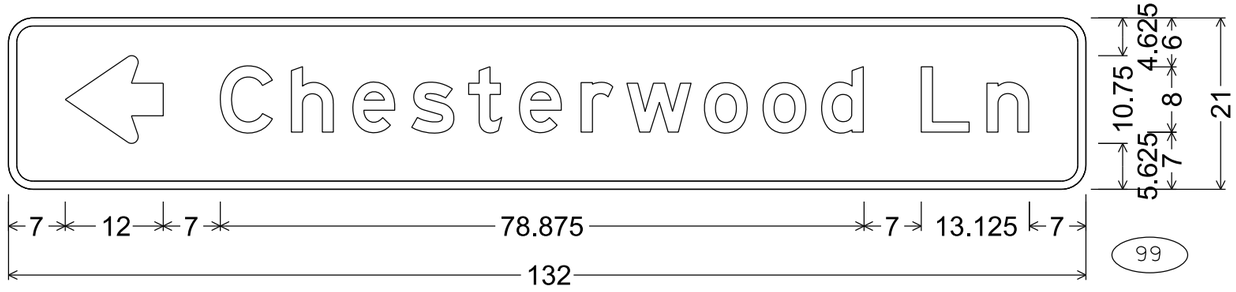
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 864 | E



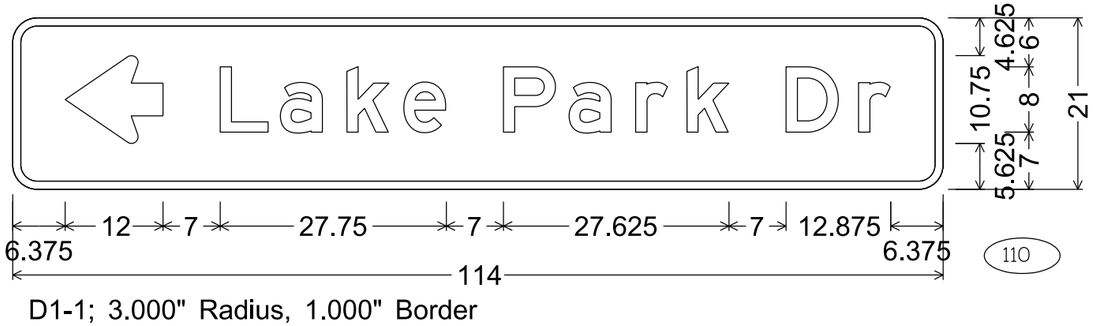
D1-1; 3.000" Radius, 1.000" Border

NOTES

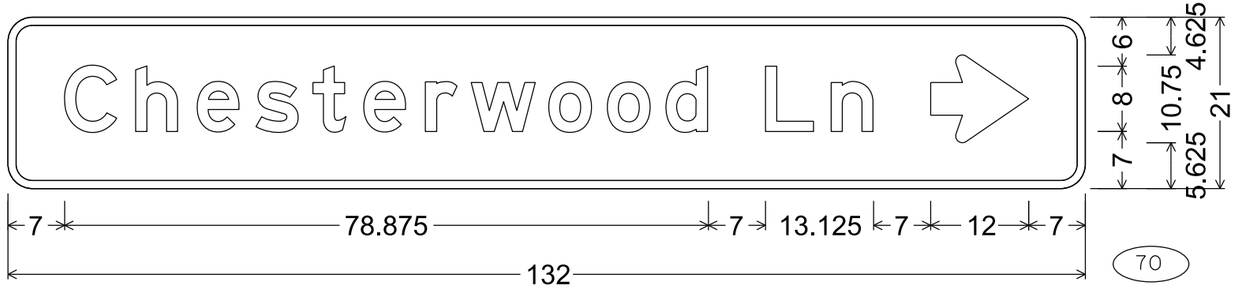
1. Signs are Type II - Type H Reflective
2. Color:
   Background - Green
   Message - White
3. Message Series - E



D1-1; 3.000" Radius, 1.000" Border



D1-1; 3.000" Radius, 1.000" Border



D1-1; 3.000" Radius, 1.000" Border

D1-1; 3.000" Radius, 1.000" Border

7

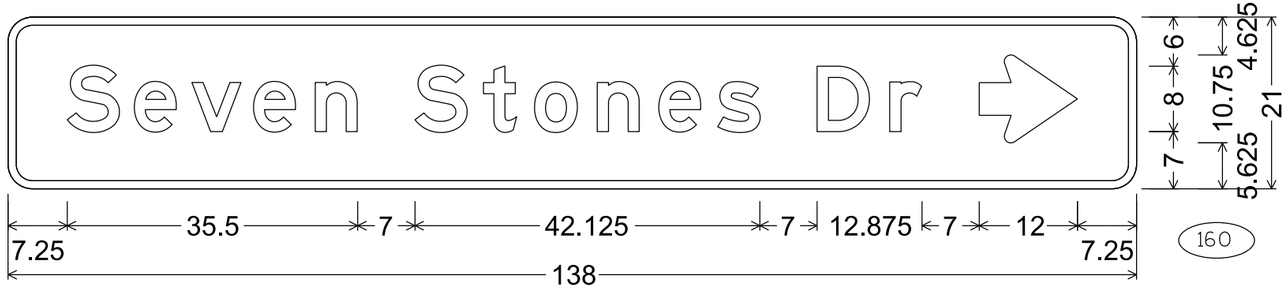
7

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	PERMANENT SIGNING	SHEET NO: 865	E

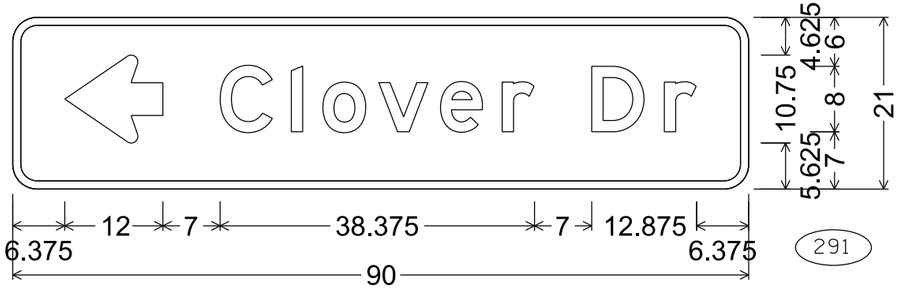
D1-1; 3.000" Radius, 1.000" Border

NOTES

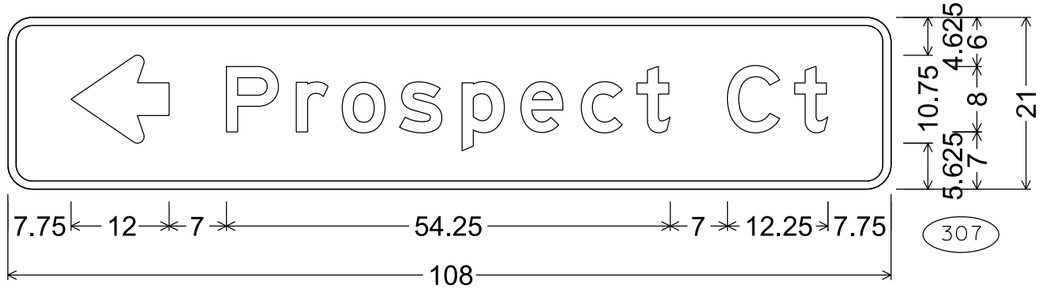
1. Signs are Type II - Type H Reflective
2. Color:
   Background - Green
   Message - White
3. Message Series - E



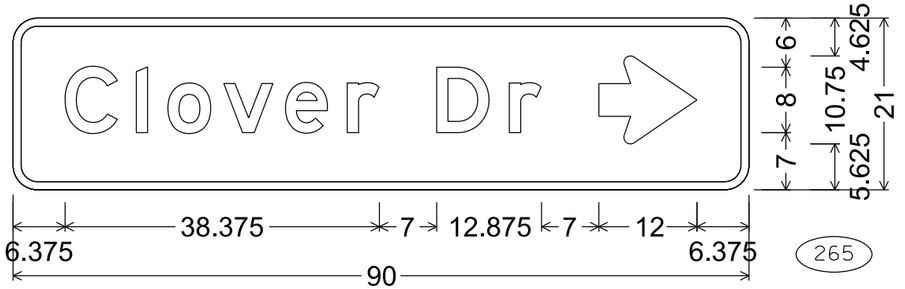
D1-1; 3.000" Radius, 1.000" Border



D1-1; 3.000" Radius, 1.000" Border



D1-1; 3.000" Radius, 1.000" Border

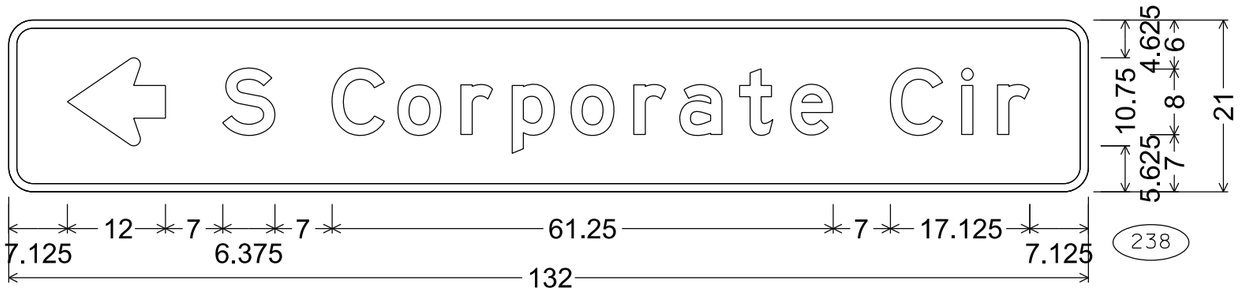


D1-1; 3.000" Radius, 1.000" Border

7

7

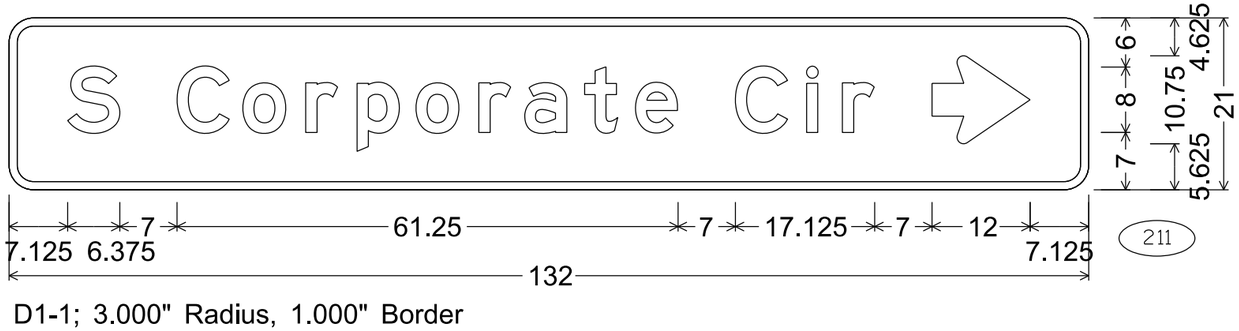
PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	PERMANENT SIGNING	SHEET NO: 866	E



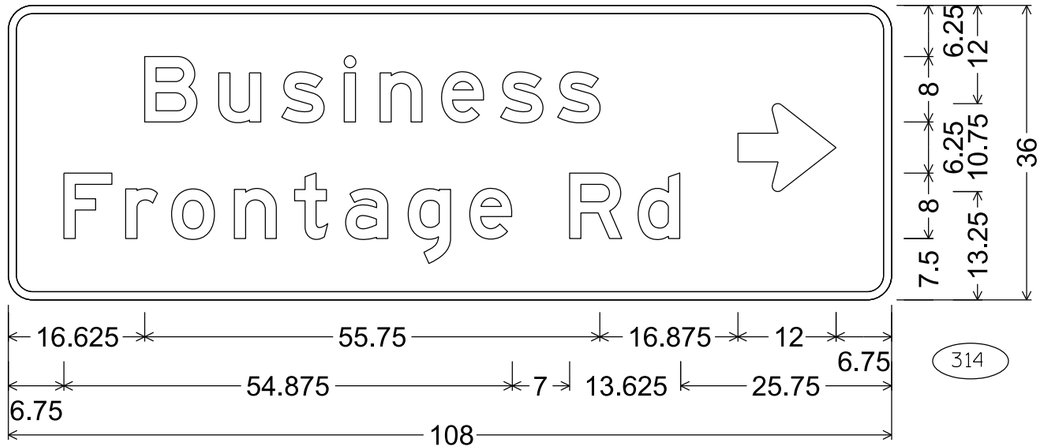
D1-1; 3.000" Radius, 1.000" Border

NOTES

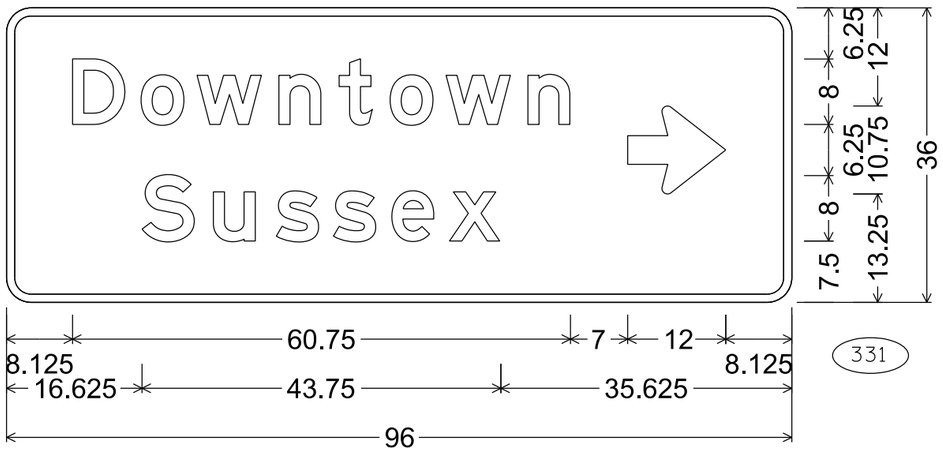
1. Signs are Type II - Type H Reflective
2. Color:
   Background - Green
   Message - White
3. Message Series - E



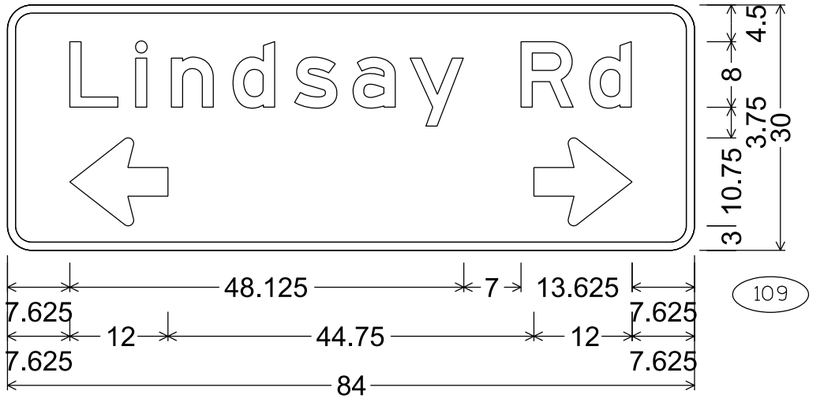
D1-1; 3.000" Radius, 1.000" Border



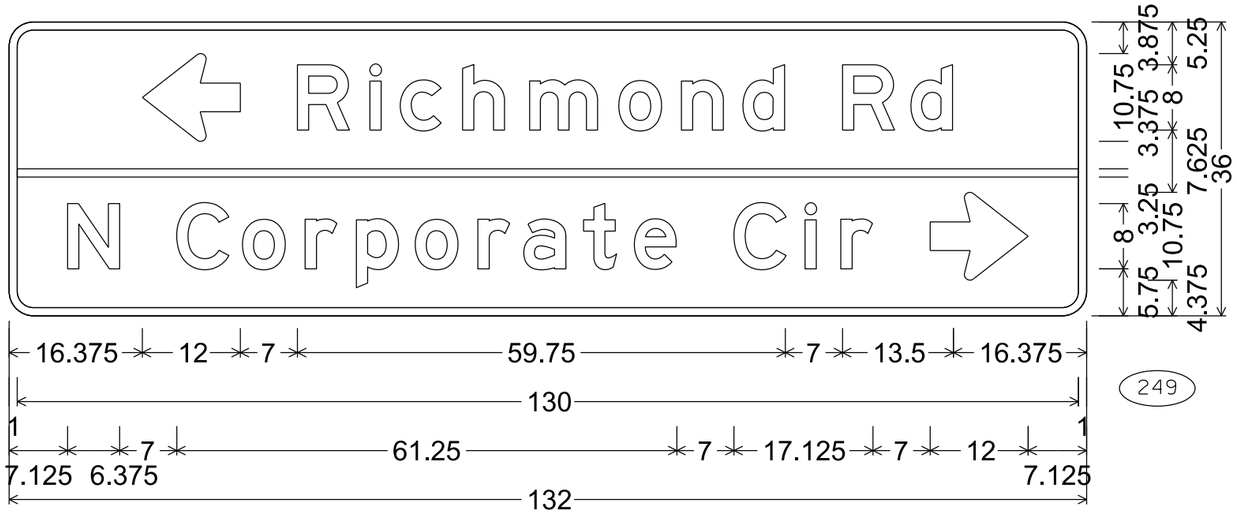
D1-2; 3.000" Radius, 1.000" Border



D1-2; 3.000" Radius, 1.000" Border



D1-61; 3.000" Radius, 1.000" Border

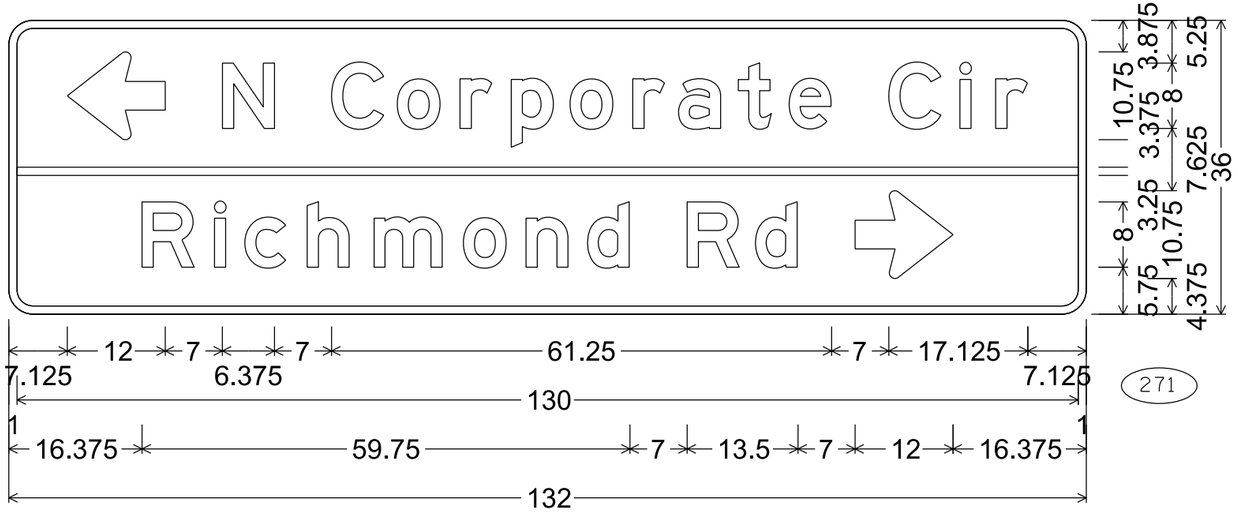


D1-2; 3.000" Radius, 1.000" Border

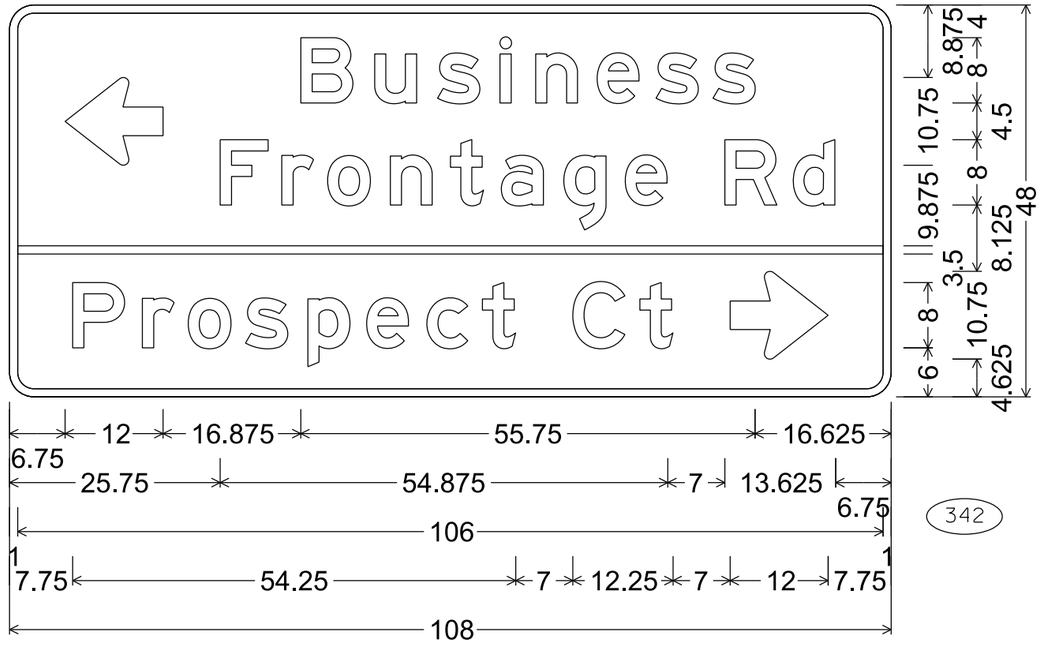
NOTES

1. Signs are Type II - Type H Reflective
2. Color:
   Background - Green
   Message - White
3. Message Series - E

D1-2; 3.000" Radius, 1.000" Border



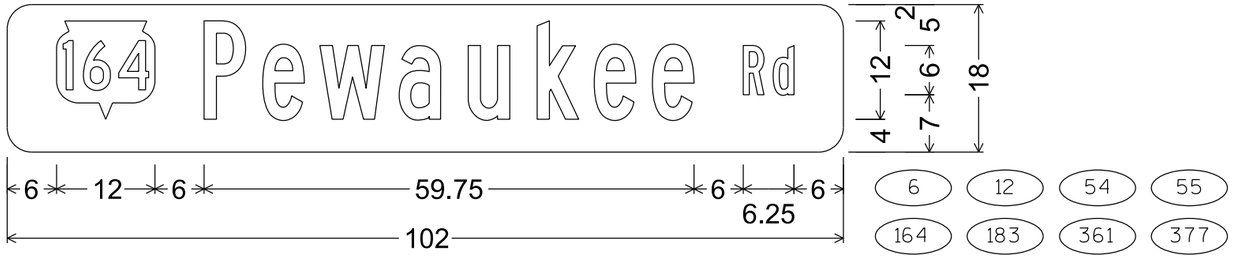
D1-2; 3.000" Radius, 1.000" Border



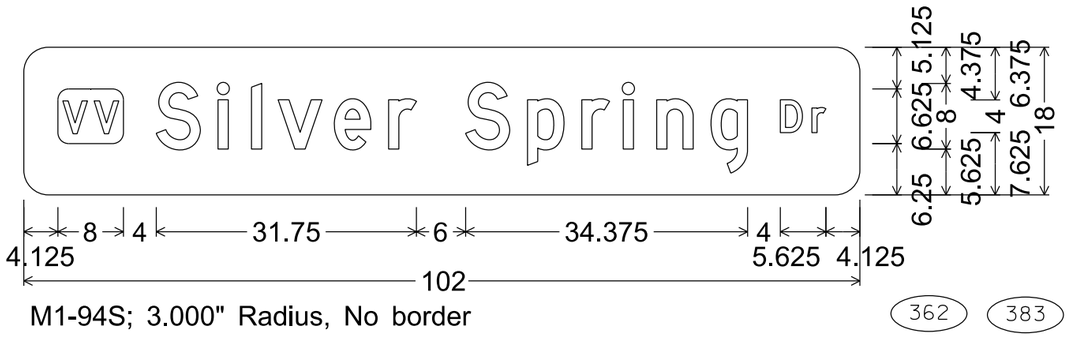
D1-3; 3.000" Radius, 1.000" Border

NOTES

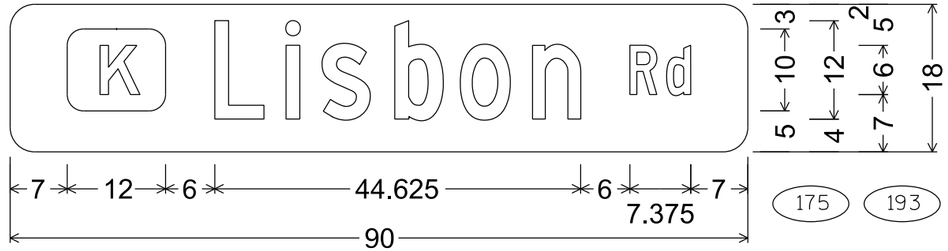
1. Signs are Type II - Type H Reflective
2. Color:
   Background - Green
   Message - White
3. Message Series - C or as noted



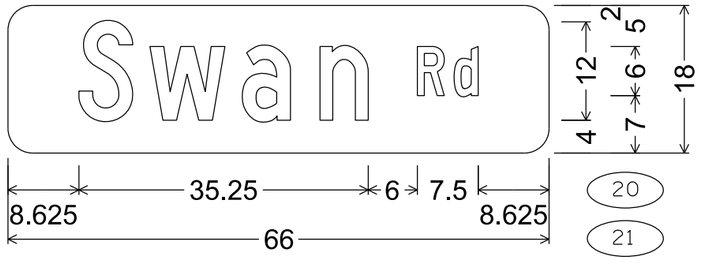
M1-94S; 3.000" Radius, No border
"Pewaukee", B; "Rd", B



M1-94S; 3.000" Radius, No border
"Silver", D; "Spring", D; "Dr", D



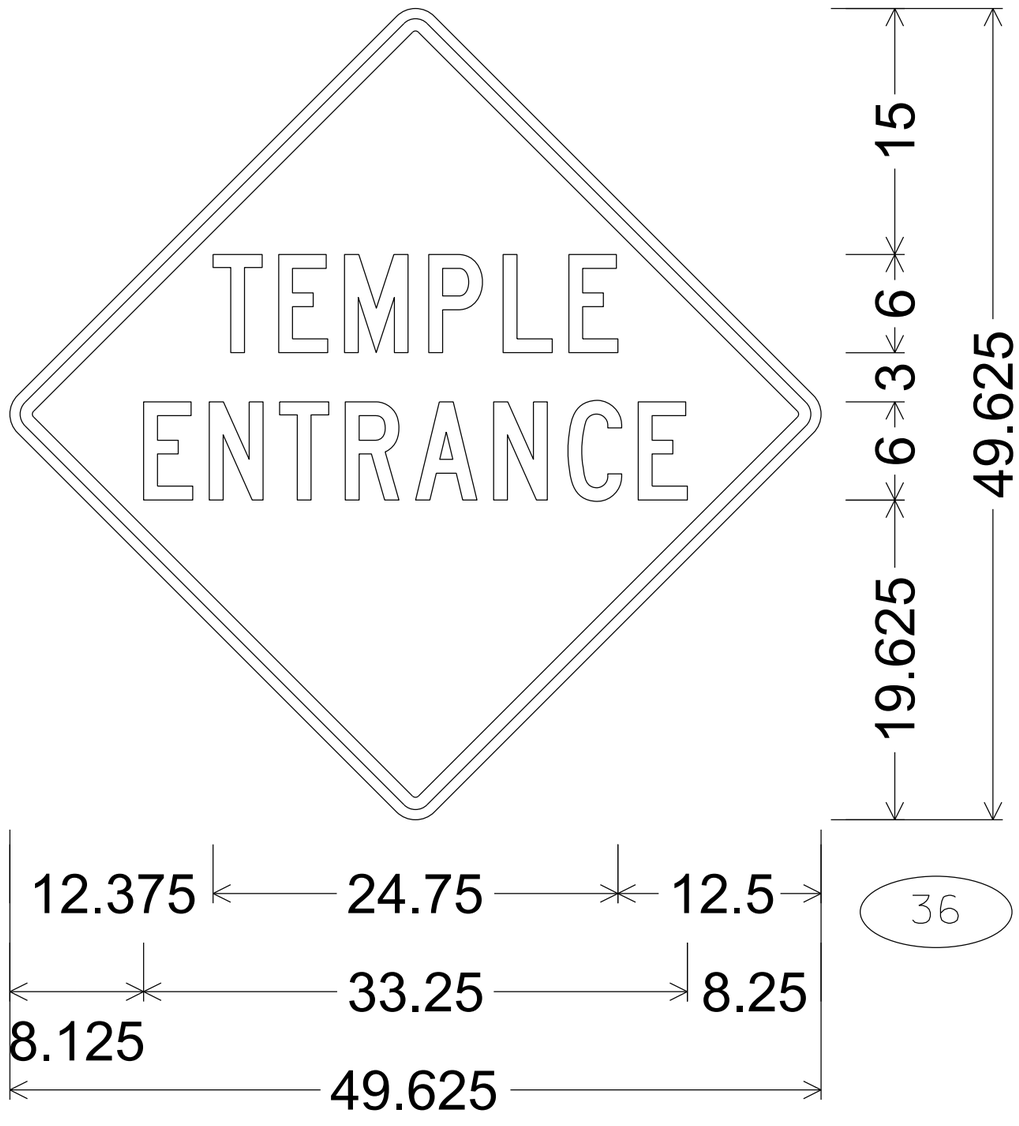
M1-94S; 3.000" Radius, No border



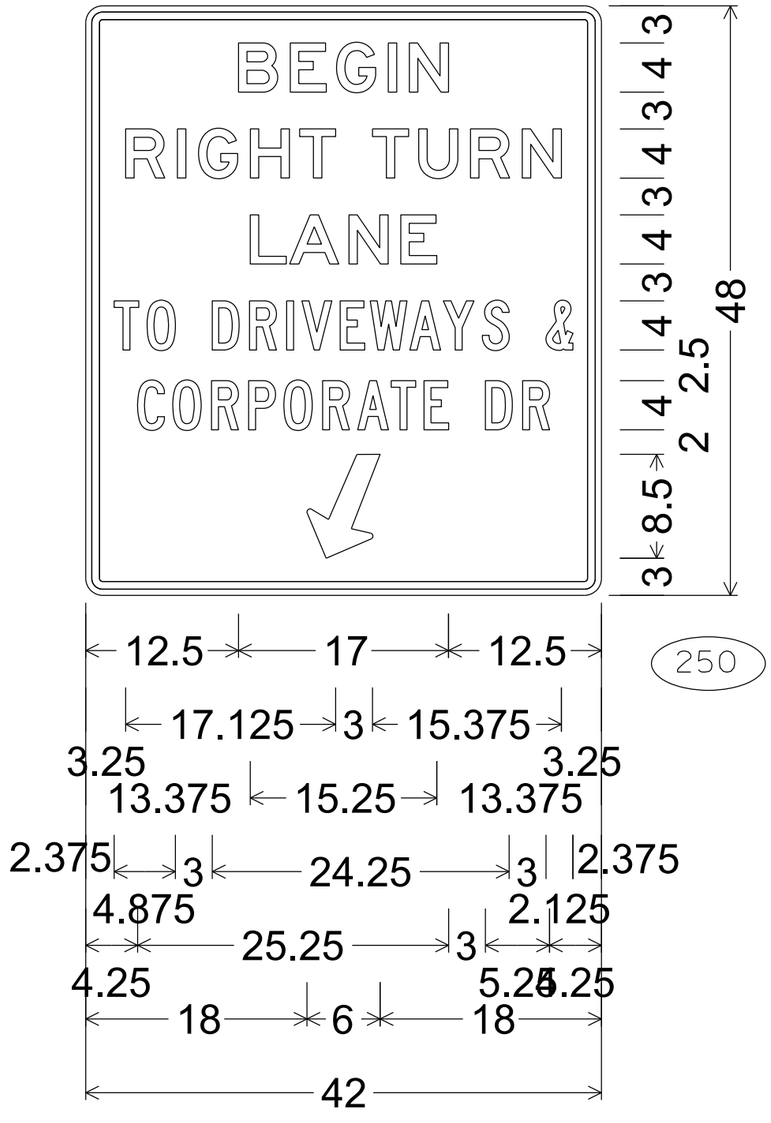
M1-94H; 3.000" Radius, No border

NOTES

1. Sign is Type II- Type F Reflective
2. Color:
   Background - Yellow
   Message - Black
3. Message Series - C



36.000" across sides 1.625" Radius, 0.750" Border, 0.625" Indent



1.375" Radius, 0.625" Border, 0.500" Indent

NOTES

1. Sign is Type II- Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - Line 1, 2, 3 - Series E
   Line 4 & 5 - Series C

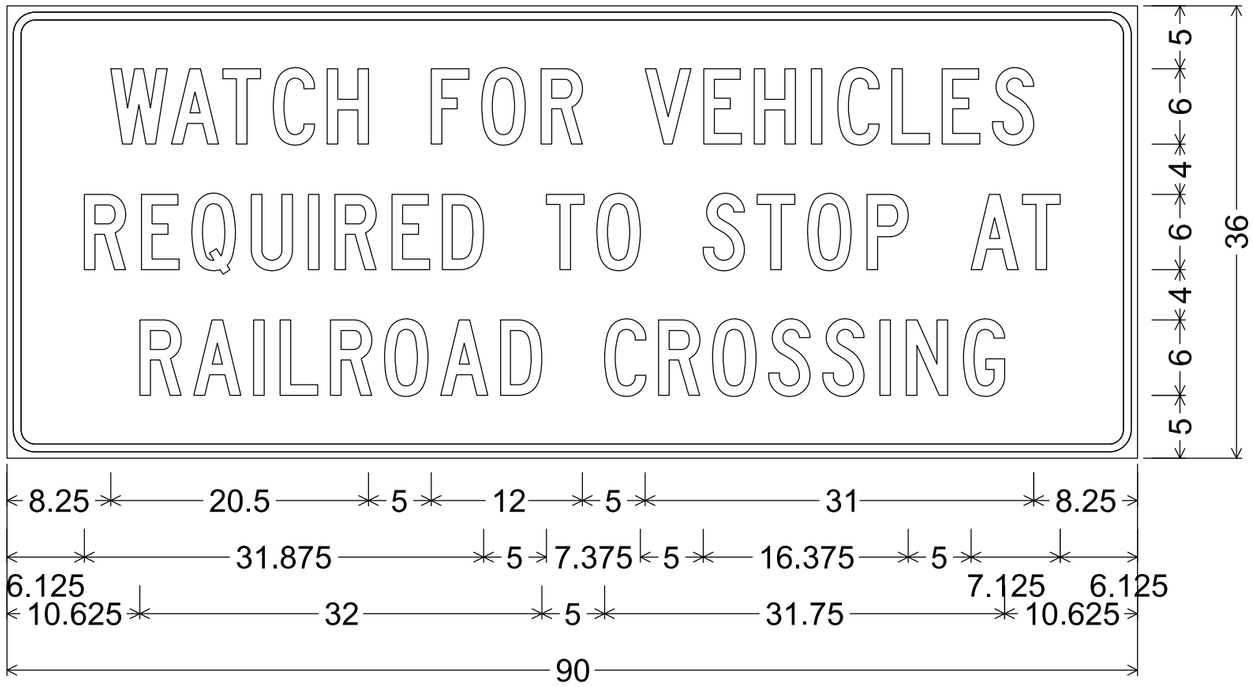
7

7

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	PERMANENT SIGNING	SHEET NO: 871	E

NOTES

1. Fixed Message Sign Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - C

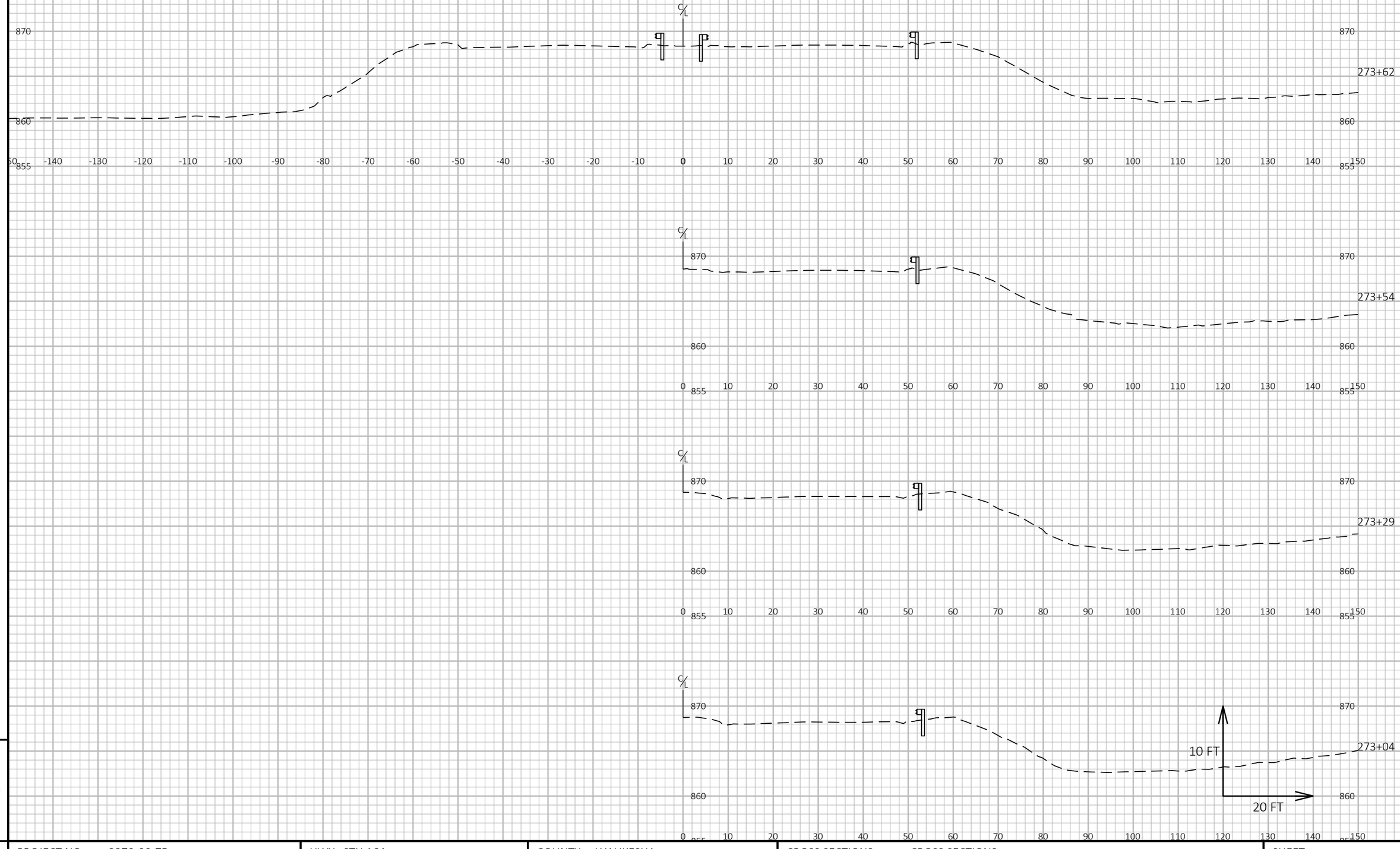


2.250" Radius, 0.625" Border, 0.500" Indent

7

7

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	TEMPORARY SIGNING	SHEET NO: 872	E



9

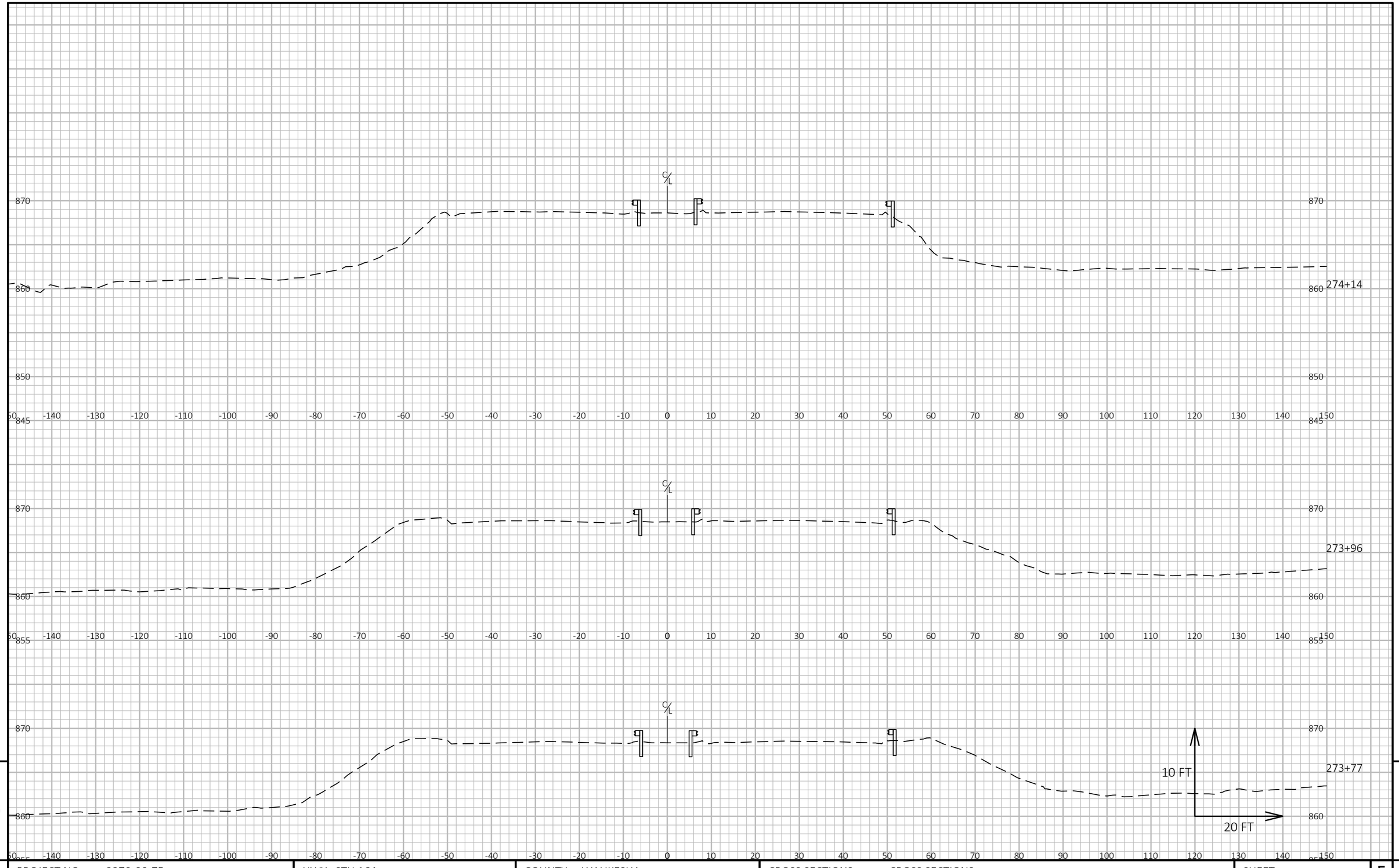
9

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	CROSS SECTIONS: CROSS SECTIONS	SHEET 873	E

FILE NAME : N:\PDS\C3D\23700005\DESIGN\CORRIDORS\23700075_MGS_XSECTIONS.DWG
LAYOUT NAME - 01

PLOT DATE : 4/29/2026 9:28 AM PLOT BY : MARSHALL, DAWN L PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

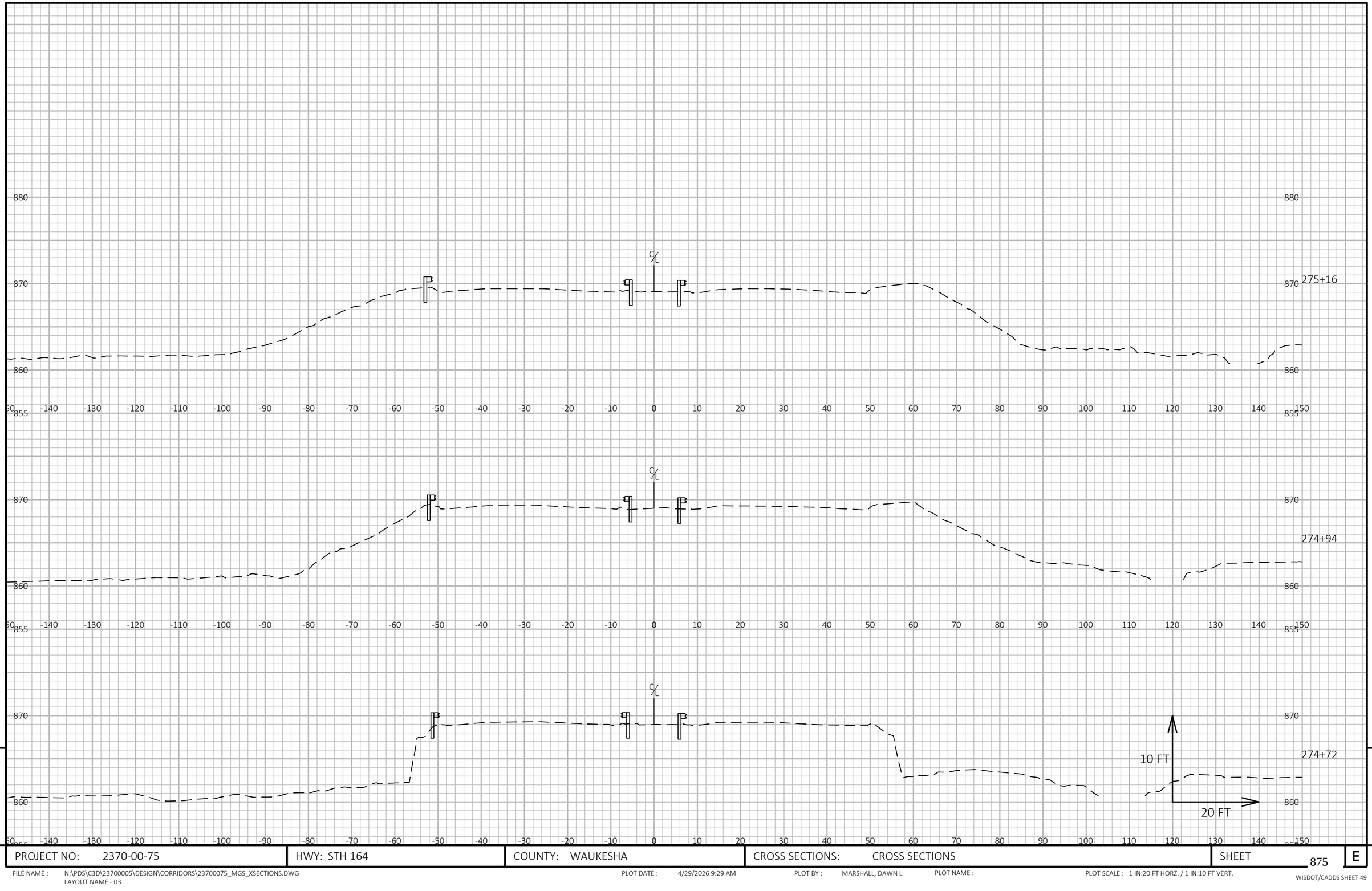
9

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	CROSS SECTIONS: CROSS SECTIONS	SHEET 874	E

FILE NAME : N:\PDS\C3D\23700005\DESIGN\CORRIDORS\23700075_MGS_XSECTIONS.DWG
LAYOUT NAME - 02

PLOT DATE : 4/29/2026 9:29 AM PLOT BY : MARSHALL, DAWN L PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

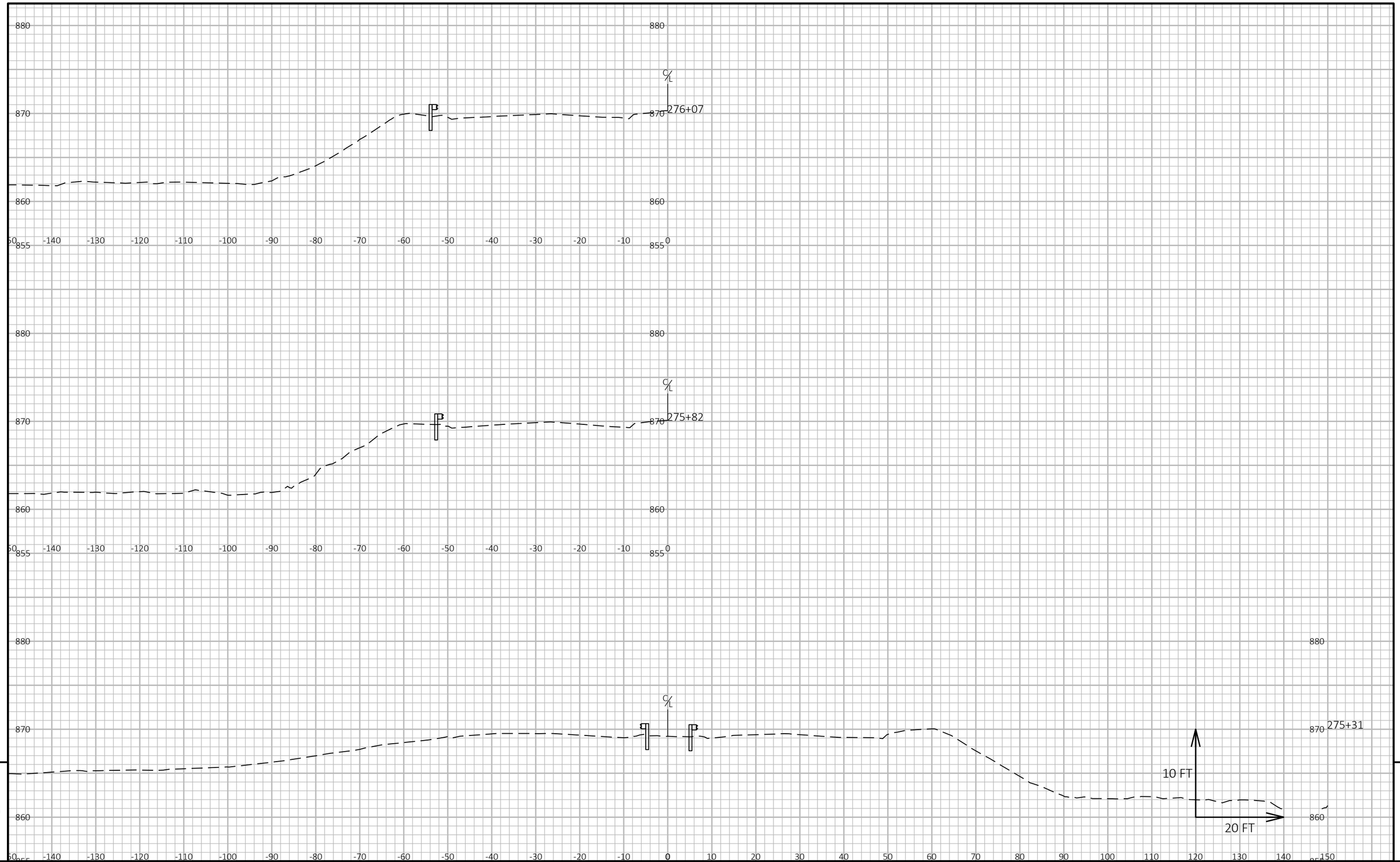
9

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	CROSS SECTIONS: CROSS SECTIONS	SHEET 875	E

FILE NAME : N:\PDS\C3D\23700005\DESIGN\CORRIDORS\23700075_MGS_XSECTIONS.DWG
LAYOUT NAME - 03

PLOT DATE : 4/29/2026 9:29 AM PLOT BY : MARSHALL, DAWN L PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

9

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	CROSS SECTIONS: CROSS SECTIONS	SHEET 876	E

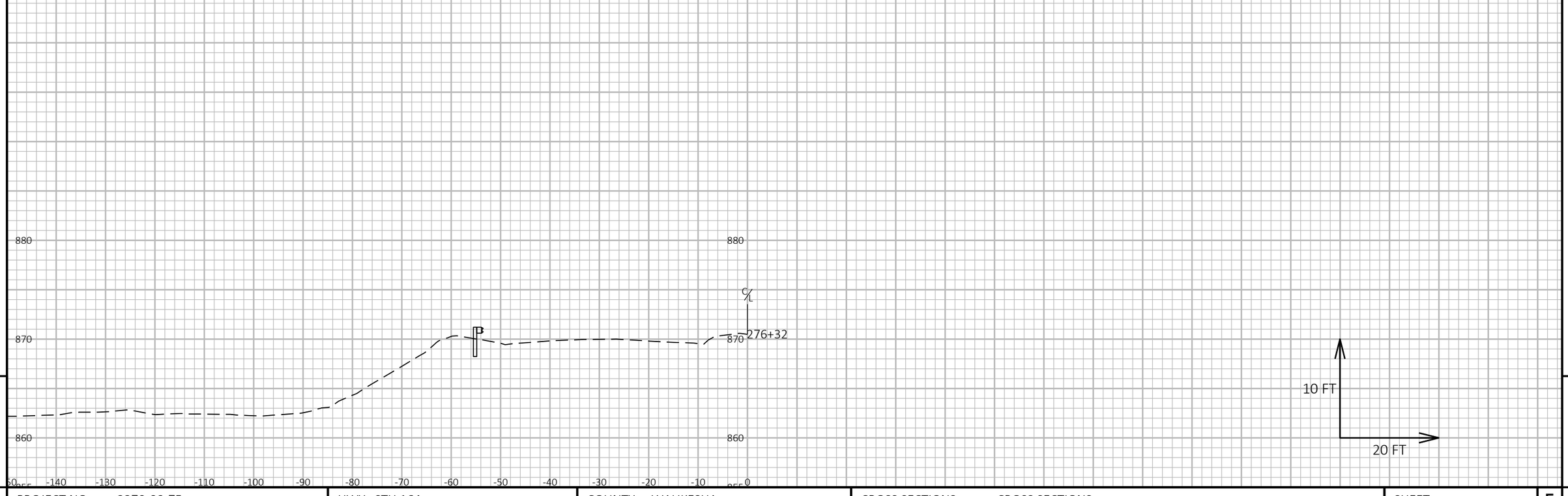
FILE NAME : N:\PDS\C3D\23700005\DESIGN\CORRIDORS\23700075_MGS_XSECTIONS.DWG
LAYOUT NAME - 04

PLOT DATE : 4/29/2026 9:29 AM

PLOT BY : MARSHALL, DAWN L

PLOT NAME :

PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.



9

9

PROJECT NO: 2370-00-75	HWY: STH 164	COUNTY: WAUKESHA	CROSS SECTIONS: CROSS SECTIONS	SHEET 877	E

FILE NAME : N:\PDS\C3D\23700005\DESIGN\CORRIDORS\23700075_MGS_XSECTIONS.DWG
LAYOUT NAME - 05

PLOT DATE : 4/29/2026 9:29 AM PLOT BY : MARSHALL, DAWN L PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.

Wisconsin Department of Transportation

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