WKE

PROJECT ID: 2265-18-70

WITH: N/A

COUNTY: MILWAUKEE

JANUARY 2025

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 = 546

N

DESIGN DESIGNATION

A.A.D.T.	2025	=	28,860
A.A.D.T.	2045	=	31,630
D.H.V.		=	2.9
D.D.		=	59/41
T.		=	3.4
DESIGN SPEED		=	45 MPH
ESALS		=	870,000

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'E8')
- 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 (955.36)
- 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

PLAN OF PROPOSED IMPROVEMENT

OAK CREEK - MILWAUKEE

COLLEGE AVE TO LAYTON AVE

STH 241

MILWAUKEE COUNTY

STATE PROJECT NUMBER
2265-18-70

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
2265-18-70	WISC 2025183	1

LAYOUT

SCALE 0 2 MI

TOTAL NET LENGTH OF CENTERLINE = 2.018 MI

HORIZONTAL POSITIONS SHOWN ON THIS PLAN ARE WISCONSIN COORDINATE REFERENCE SYSTEM (WISCRS), MILWAUKEE 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.

ORIGINAL PLANS PREPARED BY

GRAEF 275 W. WISCONSIN AVENUE, SUITE 300 MILWAUKEE, WI 53203

WISCONSIN MARY E. PETTIT 33101 WATERFORD, WI PROFESSIONAL ENGINEER

8/1/24 (Date) (Signature)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PREPARED BY

Surveyor	WisDOT
Designer	GRAEF
Project Manager	JAMES SCHUMACHER
Regional Examiner	-
Regional Supervisor	WAFA ELQAQ

APPROVED FOR THE DEPARTMENT

DATE: 8/1/2024 James Schumacher (Signature)

E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\010101-TI.DWG PLOT DATE : 7/30/2024 4:22 PM PLOT BY : GARCIA, JOSE FERNANDO PLOT NAME :

2

GENERAL NOTES

NO TREES OR SHRUBS ARE TO BE REMOVED UNLESS INDICATED FOR REMOVAL BY THE ENGINEER.

ALL RADIUS DIMENSIONS FOR CURB & GUTTER ARE GIVEN TO THE FLANGE. ALL ELEVATIONS ALONG CURB & GUTTER ARE GIVEN TO THE FLANGE. OFFSETS NOTED ARE TO THE FLANGE OR EDGE OF LANE IF NO CURB, UNLESS OTHERWISE NOTED.

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

THE LOCATION OF KNOWN EXISTING UTILITIES IN THE VICINITY OF THE PROJECT ON THE PLANS IS APPROXIMATE. THERE MAY BE OTHER UTILITIES IN THE AREA THAT ARE NOT SHOWN.

THE CONTRACTOR SHALL NOTIFY DIGGERS HOTLINE AND AFFECTED UTILITIES PRIOR TO THE START OF WORK. ANY LOCAL MUNICIPAL UTILITY WHICH IS NOT A MEMBER OF THE DIGGERS HOTLINE MUST BE CONTACTED SEPARATELY.

COVER SIGNS IN CONFLICT WITH TRAFFIC CONTROL "IN USE" AS DIRECTED BY THE ENGINEER AND PAID FOR UNDER THE ITEM TRAFFIC CONTROL COVERING SIGNS.

ADJUST TRAFFIC CONTROL DEVICES TO FIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.

NO TRAFFIC CONTROL SIGNS ARE TO BE INSTALLED ON CITY OF GREENFIELD LIGHT POLES OR POSTS

CONCRETE JOINTS SHALL MATCH ABUTTING PAVEMENT AND CURB AND GUTTER JOINTS UNLESS OTHERWISE DESIGNATED BY THE ENGINEER.

THE LOCATIONS OF LONGITUDINAL JOINTS IN HMA PAVEMENT MUST BE APPROVED BY THE ENGINEER PRIOR TO PAVEMENT PLACEMENT.

HMA PAVEMENT: COLLEGE AVE. TO LAYTON AVE.

HMA PAVEMENT	TOTAL PAVEMENT LAYER THICKNESS	LAYER	NOMINAL MAX AGGREGATE GRADATION
3 MT 58-28 S	2¼ -INCHES	LOWER	19.0 mm
4 MT 58-28 H	1¾ -INCHES	UPPER	12.5 mm

INDEX OF TYPICAL SECTION AND DETAIL SHEETS

PROJECT OVERVIEW
TYPICAL SECTIONS
CONSTRUCTION DETAILS
PLAN DETAILS
EROSION CONTROL
STORM SEWER PLAN
PERMANENT SIGNING
TRAFFIC SIGNAL PLAN
PAVEMENT MARKING
TRAFFIC CONTROL
DETOUR PLAN
ALIGNMENT PLAN

STANDARD ABBREVIATIONS

AEW	APRON END WALL
AGG	AGGREGATE
BAD	BASE AGGREGATE DENSE
BM	BENCH MARK
C&G	CURB AND GUTTER
C/L	CENTER OR CONSTRUCTION LINE
CONC	CONCRETE
CP	CULVERT PIPE
CPCM	CULVERT PIPE CORRUGATED METAL
CPRC	CULVERT PIPE REINFORCED CONCRETE
CPRCHE	CULVERT PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL
CSCP	CORRUGATED STEEL CULVERT PIPE
CSPA	CORRUGATED STEEL PIPE ARCH
CSD	CONCRETE SURFACE DRAIN
CY	CUBIC-YARD
D	DEGREE OF CURVE
Δ	DELTA
DISCH	DISCHARGE
EOP	EDGE OF PAVEMENT
FE	FIELD ENTRANCE
HERCP	HORIZONTAL ELLIPTICAL REINFORCED CONCRETE PIPE
HMA	HOT MIX ASPHALT
INV	INVERT
L	LENGTH OF CURVE
LHF	LEFT HAND FORWARD
LT	LEFT
MIN	MINIMUM
M/L	MATCHLINE
NB	NORTHBOUND
NC	NORMAL CROWN
NTS	NOT TO SCALE
PAVT	PAVEMENT
PB	PULL BOX
PC	POINT-OF-CURVE
PCC	POINT OF COMPOUND CURVE
PE	PRIVATE ENTRANCE
PI	POINT OF INTERSECTION
PLE	PERMANENT LIMITED EASEMENT
PT	POINT OF TANGENT
PVC	POINT OF VERTICAL CURVE
PVI	POINT OF VERTICAL INTERSECTION
PVT	POINT OF VERTICAL TANGENT
R	RADIUS OF CURVE
R/L	REFERENCE LINE
R/W	RIGHT OF WAY
RAD	RADIUS
RC	REVERSE CROWN
RCAEW	APRON ENDWALL FOR CULVERT PIPE REINFORCED CONCRETE
RCHESS	REINFORCED CONCRETE HORIZONTAL ELLIPTICAL STORM SEWER
RCPSS	REINFORCED CONCRETE PIPE - STORM SEWER
REQD	REQUIRED
RHF	RIGHT HAND FORWARD
RO	RUN OFF LENGTH
RT	RIGHT
SALV	SALVAGED
SB	SIGNAL BASE
SDD	STANDARD DETAIL DRAWING
SE	SUPER ELEVATION
SF	SQUARE FOOT
STA	STATION
SY	SQUARE YARD
T	TANGENT LENGTH
TC	TOP OF CURB
TLE	TEMPORARY LIMITED EASEMENT

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

WISDOT CONTACTS

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JAMESD.SCHUMACHER@DOT.WI.GOV

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JESUS OCHOA
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PLANNING MANAGER
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NG952W@ATT.COM

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CONTROL CENTER (24/7 CONTACT)
841 N BROADWAY, ROOM 409
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324 E WISCONSIN AVE, SUITE 730
MILWAUKEE, WI 53202
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SGARCIA@EVERSTREAM.NET

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MIDWEST FIBER NETWORKS LLC -
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1320 N. DR. MARTIN LUTHER KING JR DRIVE
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TARA BLECHA
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2

VILLAGE OF GREENDALE

CITY OF GREENFIELD

CITY OF MILWAUKEE

CITY OF GREENFIELD

S 35TH ST

S 35TH ST

W COLLEGE AVE

S HONEY CREEK DR

W MALLORY AVE

W UPHAM AVE

W HOLMES AVE

W COLDSPRING DR

INTERSTATE 43

BEGIN PROJECT
STA 1103+55.27

END PROJECT
STA 1210+08.57

CITY OF FRANKLIN

RETAINING WALL

1080 1085 1090 1095 1100 1105 1110 1115 1120 1125 1130 1135 1140 1145 1150 1155 XXX 1160 1165 1170 1175 1180 1185 1190 1195 1200 1205 1210 1215 1220 1225 1230

CITY OF OAK CREEK

STH 241 (S 27TH ST)

W MANGOLD AVE

W KIMBERLY AVE

W RAMSEY AVE

W GOLDCREST AVE

W PARNELL AVE

W GRANGE AVE

W CLAYTON CREST AVE

W ABBOTT AVE

W EDGERTON AVE

W CARPENTER AVE

W BARNARD AVE

W LAYTON AVE

INTERSTATE 894

CITY OF MILWAUKEE

S 20TH ST

CITY OF MILWAUKEE

INTERSTATE 94

W M

N

2

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	PROJECT OVERVIEW	SHEET 3	E

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LAYOUT NAME - OVERVIEW-(1)

PLOT DATE : 11/20/2024 2:38 PM PLOT BY : GARCIA, JOSE FERNANDO PLOT NAME : PLOT SCALE : 1 IN:1000 FT

WISDOT/CADDS SHEET 42

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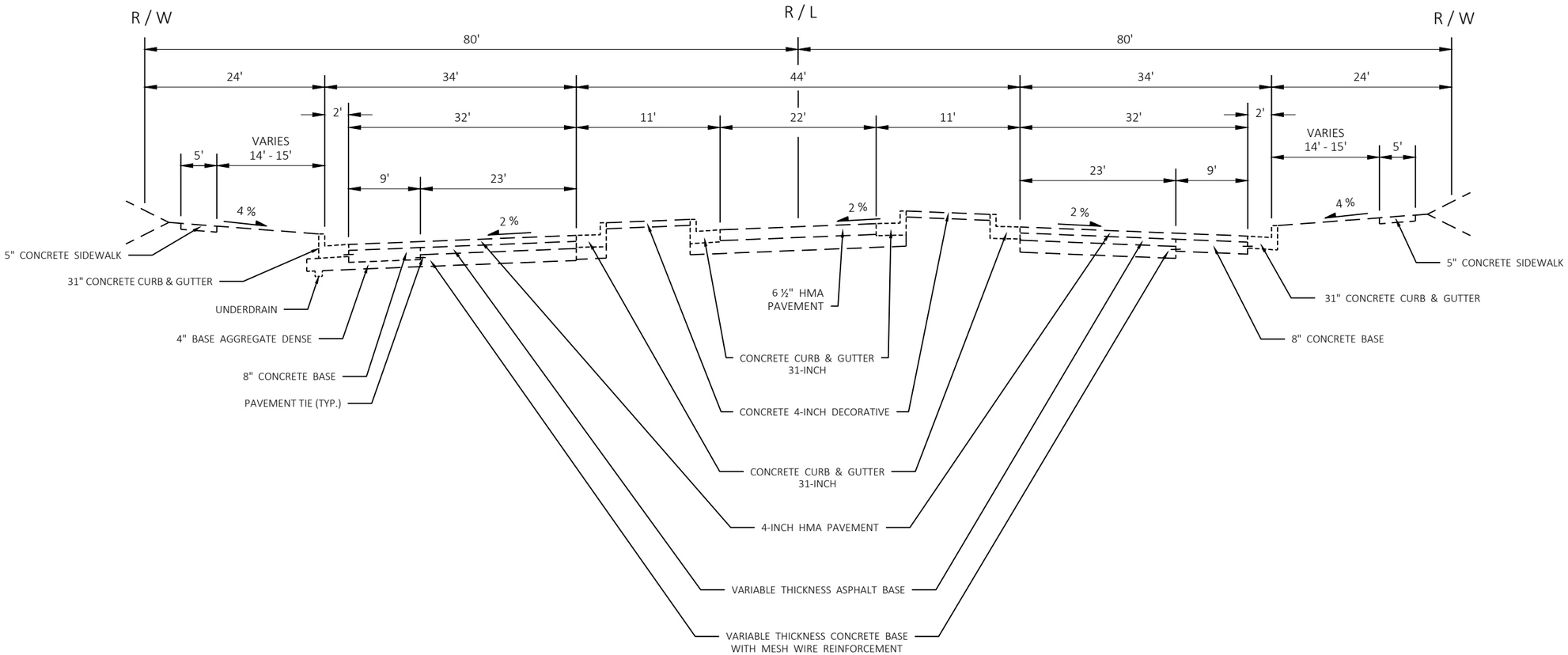
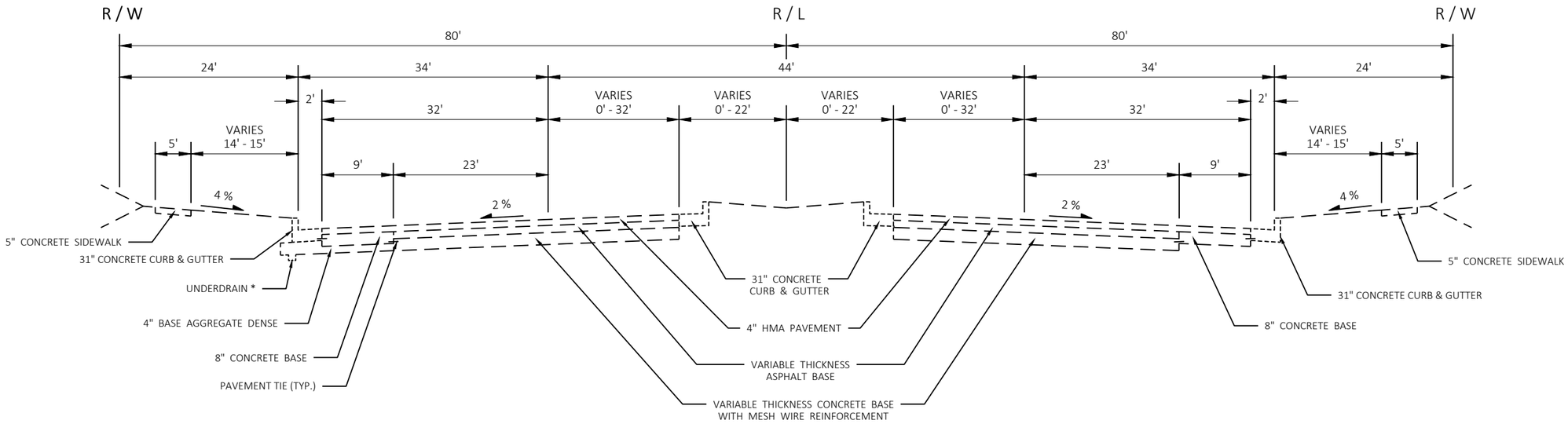


SOUTH 27TH STREET

EXISTING TYPICAL SECTION

STA 1103+55.27 - 1104+30

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	TYPICAL SECTIONS	SHEET 4	E



SOUTH 27TH STREET

EXISTING TYPICAL SECTION

STA 1104+30 - 1123+64 *
STA 1127+98 - 1135+63
STA 1143+00 - 1148+36
STA 1156+79 - 1175+33 *
STA 1183+82 - 1203+55 *

* UNDERDRAIN ONLY WITHIN CITY OF GREENFIELD

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	TYPICAL SECTIONS	SHEET 5	E

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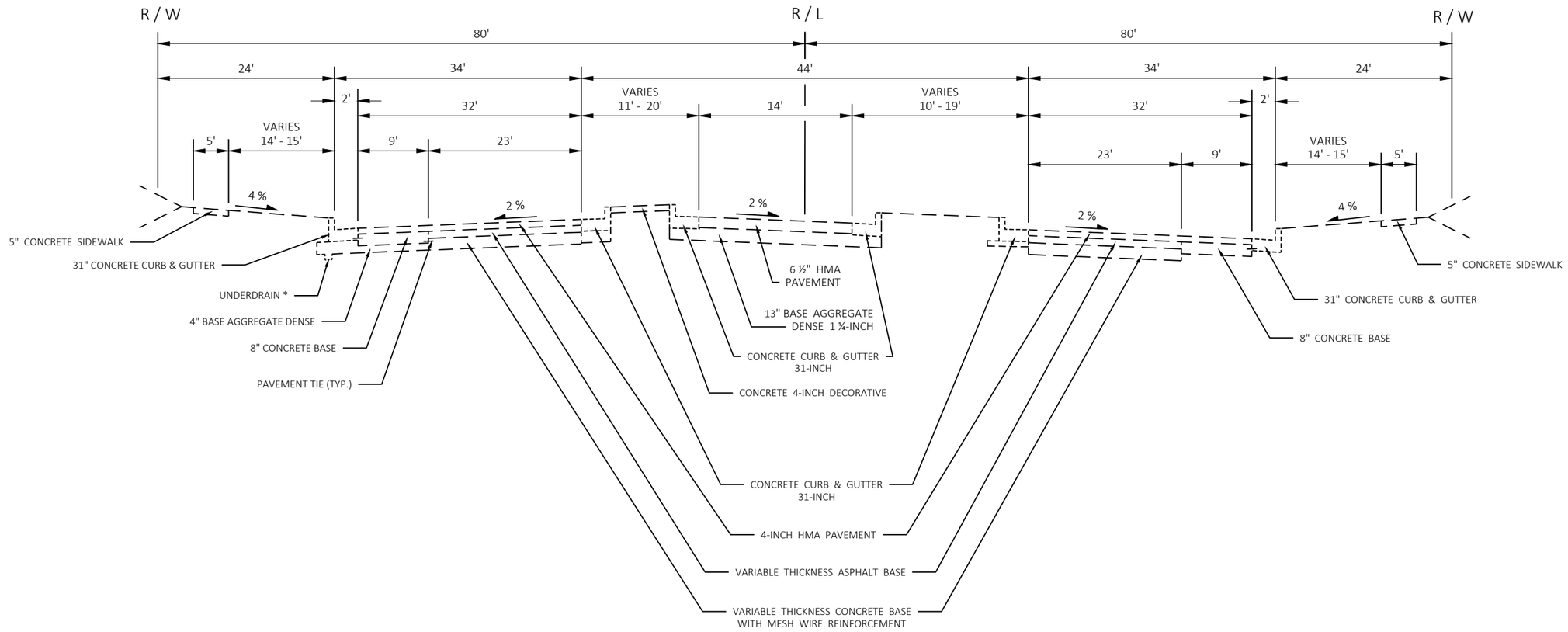

* UNDERDRAIN ONLY WITHIN CITY OF GREENFIELD

SOUTH 27TH STREET

EXISTING TYPICAL SECTION

STA 1123+64 - 1126+71 *
STA 1135+63 - 1139+82
STA 1148+36 - 1153+24 *
STA 1175+33 - 1179+64 *

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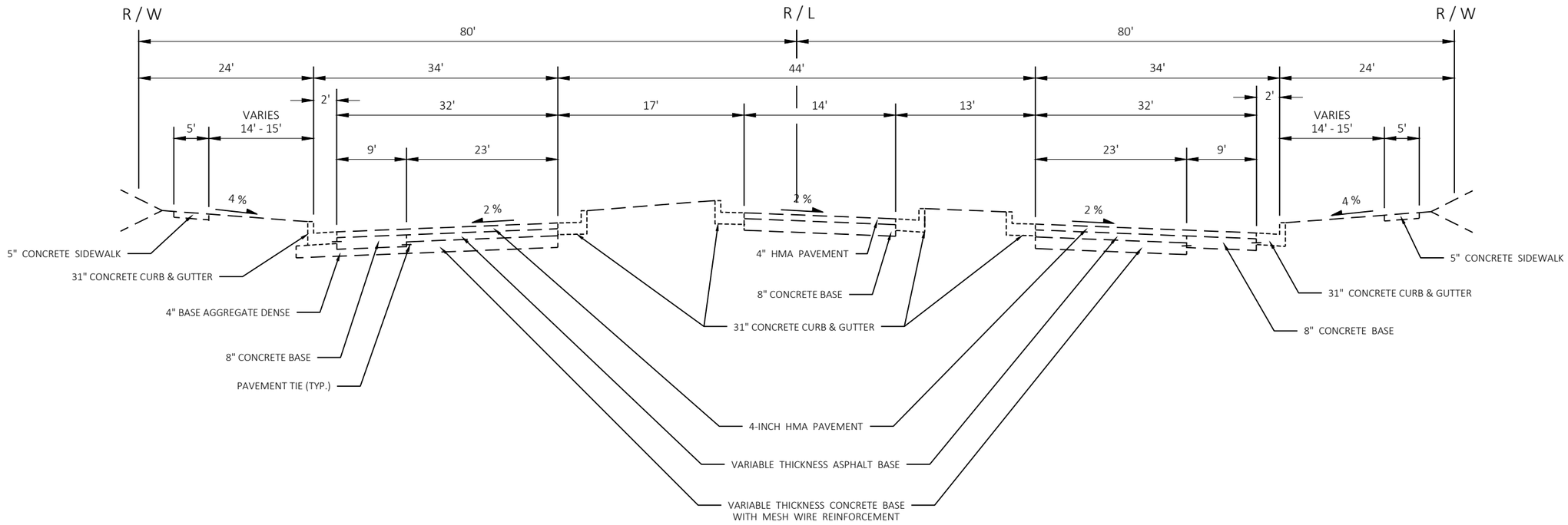
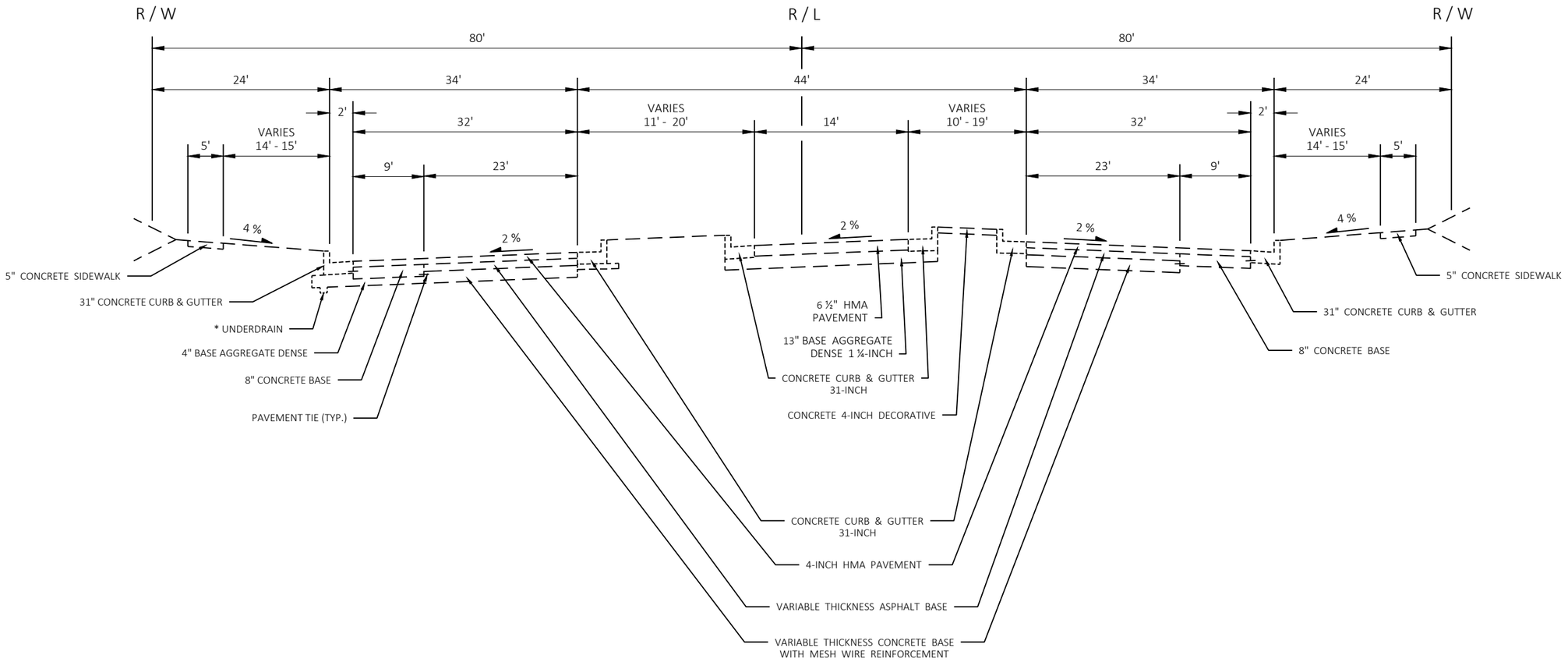


SOUTH 27TH STREET

EXISTING TYPICAL SECTION

STA 1126+71 - 1127+98

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	TYPICAL SECTIONS	SHEET 7	E



SOUTH 27TH STREET

EXISTING TYPICAL SECTION

STA 1139+82 - 1143+00
STA 1153+24 - 1156+79 *
STA 1179+64 - 1183+82 *

* UNDERDRAIN ONLY WITHIN CITY OF GREENFIELD

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	TYPICAL SECTIONS	SHEET 8	E

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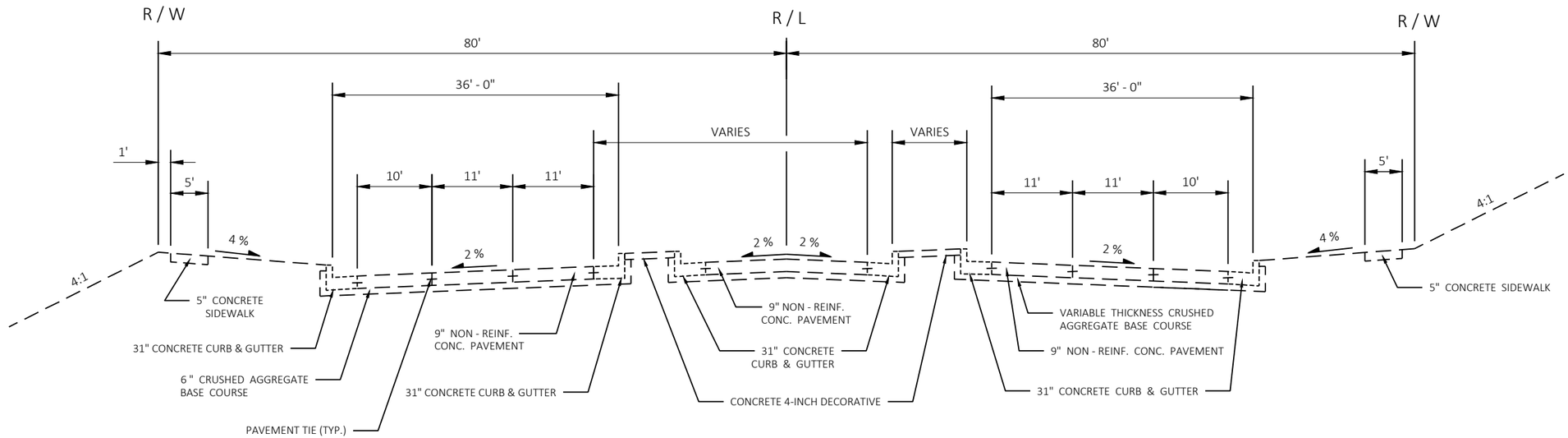

SOUTH 27TH STREET

EXISTING TYPICAL SECTION

STA 1203+55 - 1210+08.57

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	TYPICAL SECTIONS	SHEET 9	E

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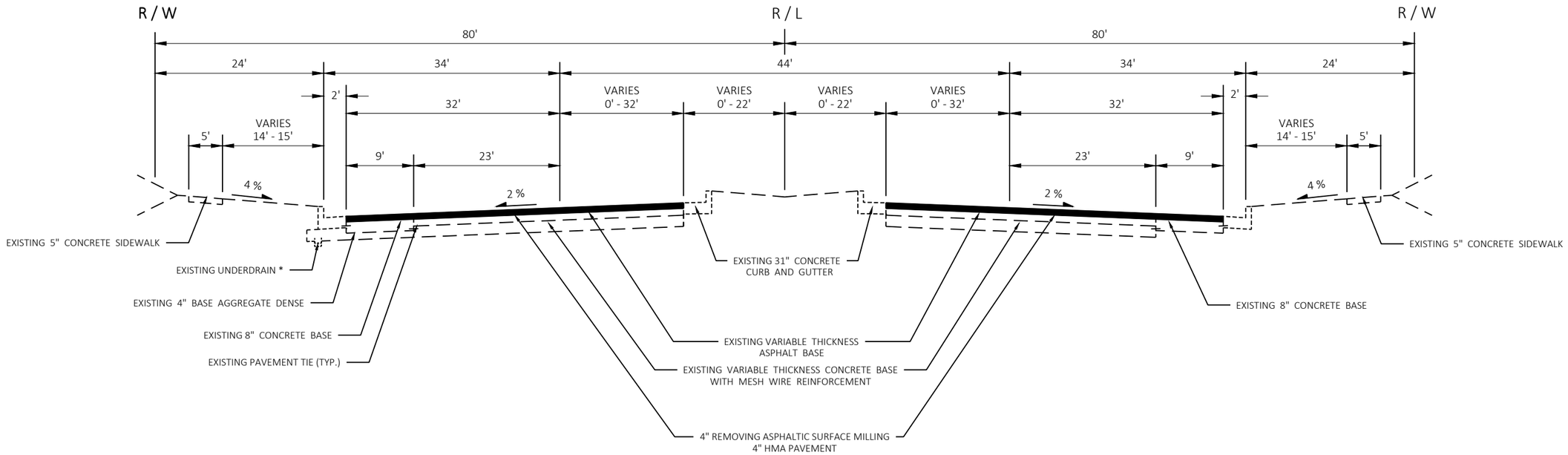

SOUTH 27TH STREET

FINISHED TYPICAL SECTION

STA 1104+30 - 1123+64 *
STA 1127+98 - 1135+63
STA 1143+00 - 1148+36
STA 1156+79 - 1175+33 *
STA 1183+82 - 1203+55 *

* UNDERDRAIN ONLY WITHIN CITY OF GREENFIELD

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	TYPICAL SECTIONS	SHEET 10	E

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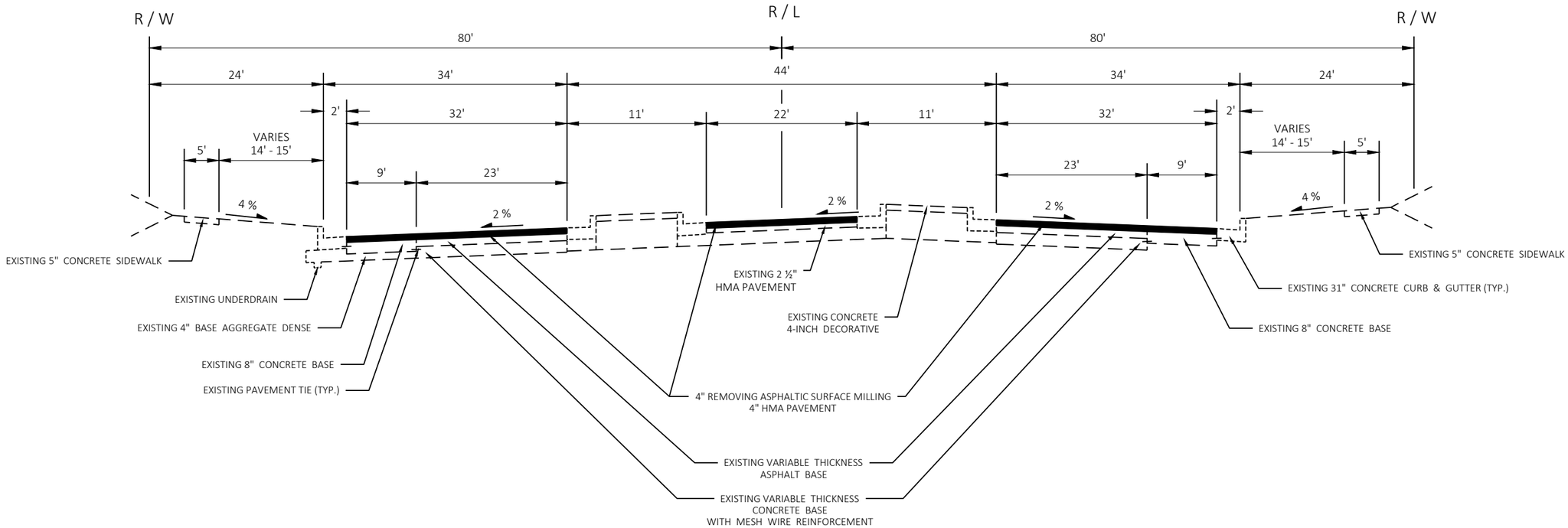

SOUTH 27TH STREET

FINISHED TYPICAL SECTION

STA 1103+55.27 - 1104+30

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	TYPICAL SECTIONS	SHEET 11	E

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PLOT BY : GARCIA, JOSE FERNANDO
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

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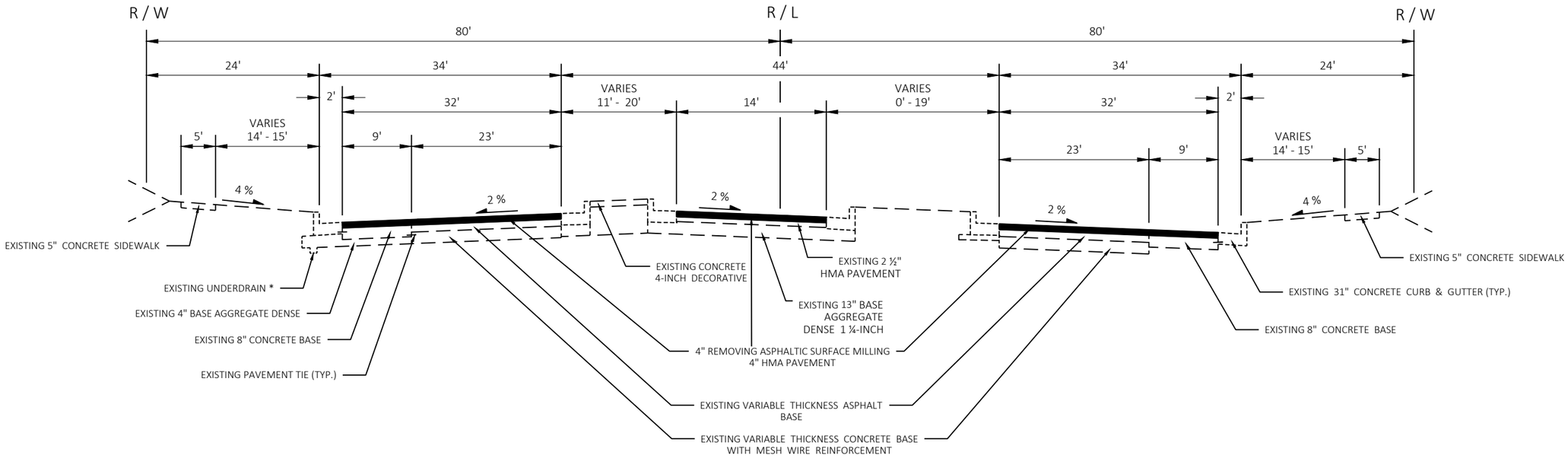


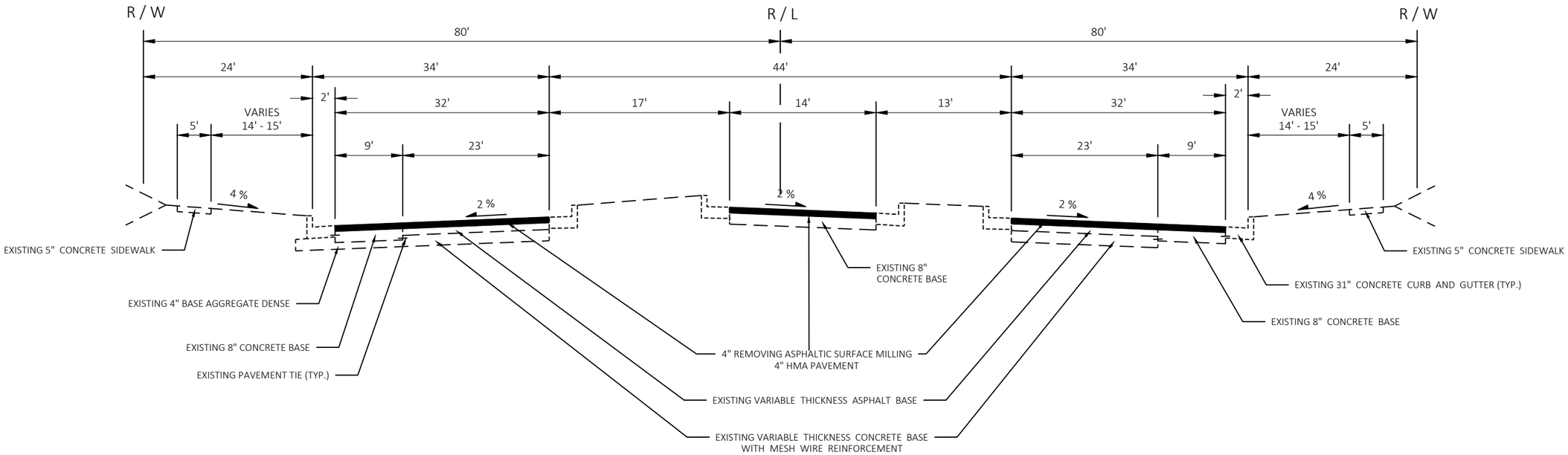
SOUTH 27TH STREET

FINISHED TYPICAL SECTION

STA 1123+64 - 1126+71 *
STA 1135+63 - 1139+82
STA 1148+36 - 1153+24 *
STA 1175+33 - 1179+64 *

* UNDERDRAIN ONLY WITHIN CITY OF GREENFIELD

2



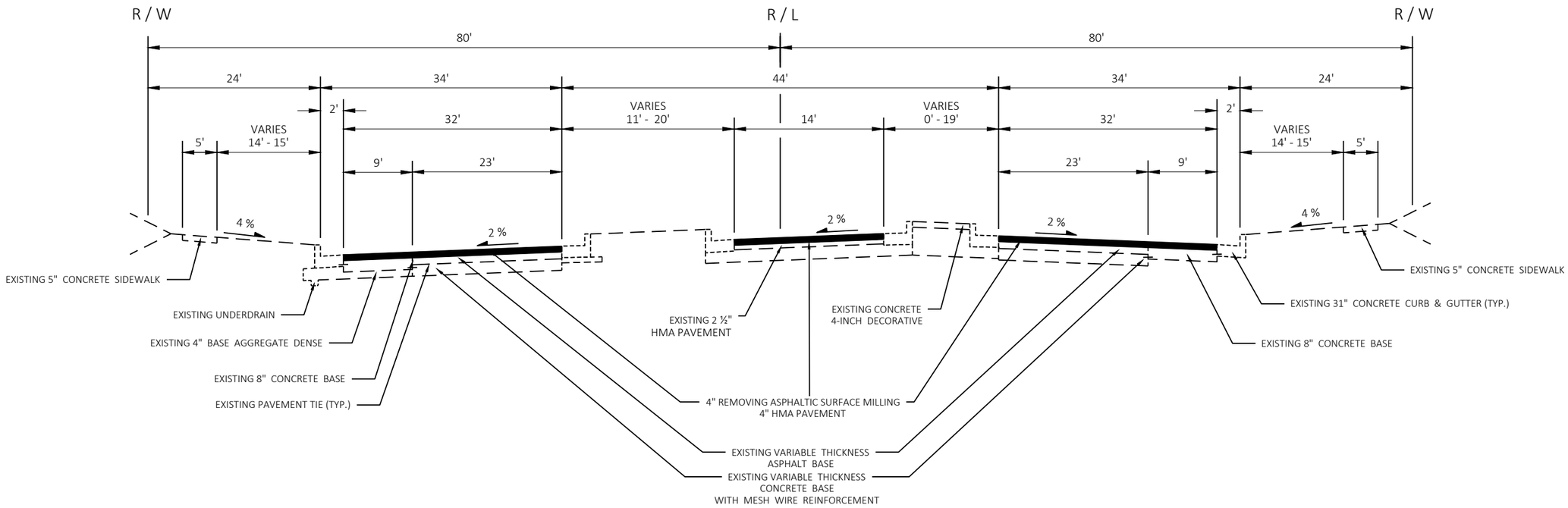
SOUTH 27TH STREET

FINISHED TYPICAL SECTION

STA 1126+71 - 1127+98

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	TYPICAL SECTIONS	SHEET 13	E

2



SOUTH 27TH STREET

FINISHED TYPICAL SECTION

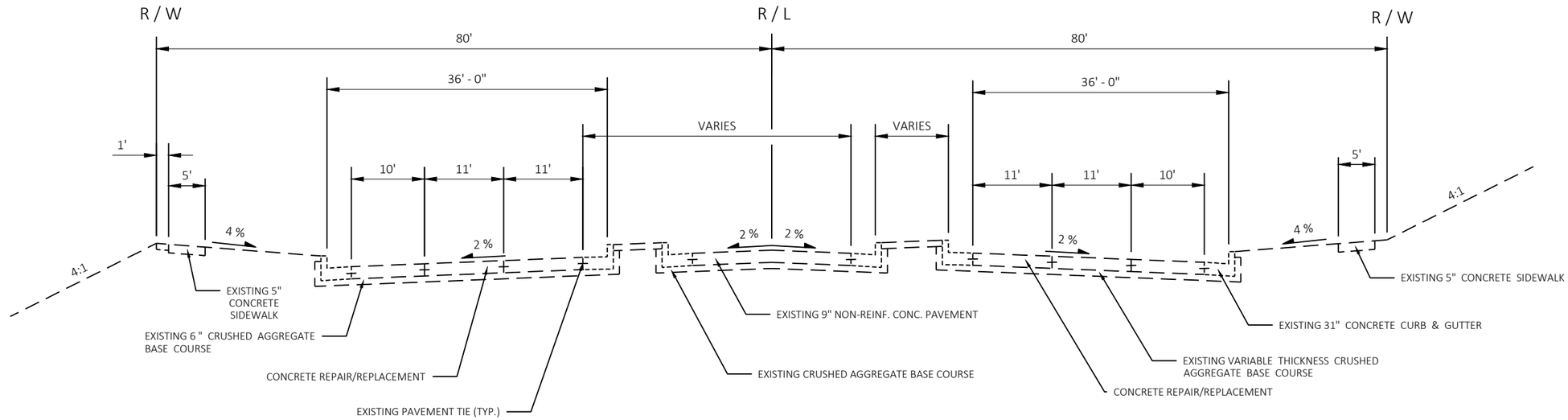
STA 1139+82 - 1143+00
STA 1153+24 - 1156+79 *
STA 1179+64 - 1183+82 *

* UNDERDRAIN ONLY WITHIN CITY OF GREENFIELD

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	TYPICAL SECTIONS	SHEET 14	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\020301-TS.DWG
LAYOUT NAME - 0203014-ts 1in-10ft
PLOT DATE : 11/20/2024 2:39 PM
PLOT BY : GARCIA, JOSE FERNANDO
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

2



NO MILL AND OVERLAY RESURFACING WORK
(JOINT/CRACK REPAIR)

SOUTH 27TH STREET

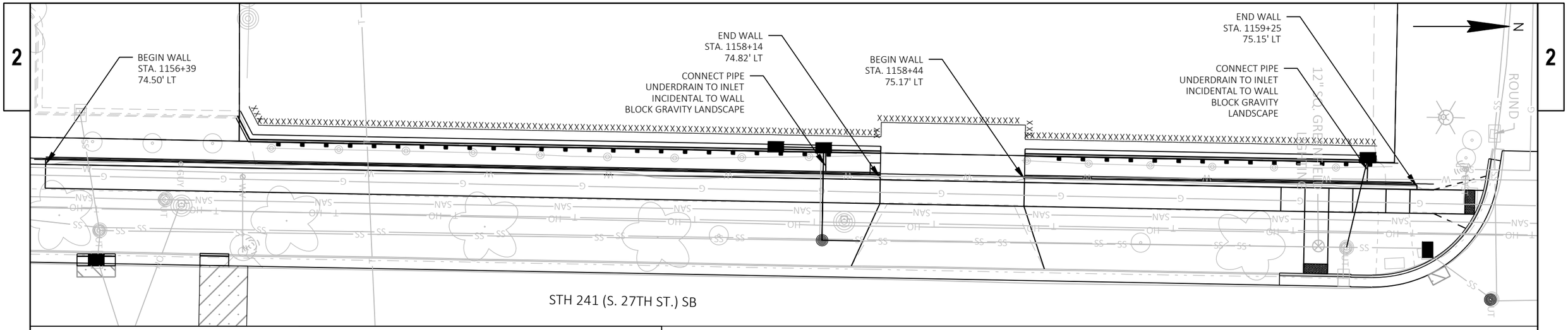
FINISHED TYPICAL SECTION

STA 1203+55 - 1210+08.57

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	TYPICAL SECTIONS	SHEET 15	E

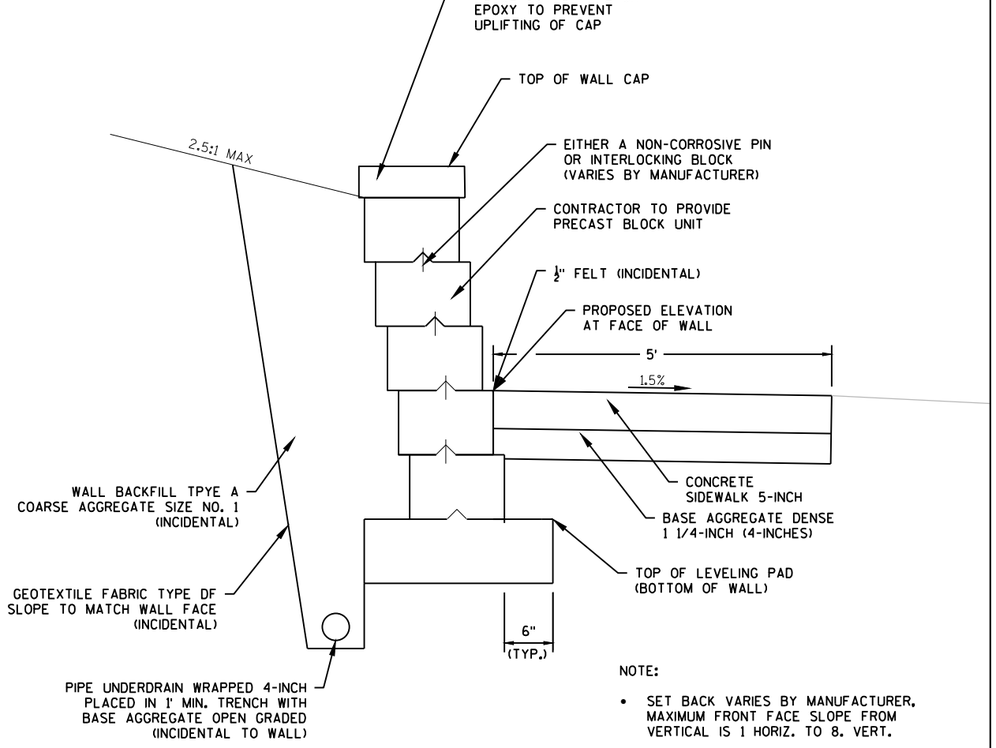
FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\020301-TS.DWG
LAYOUT NAME - 0203015-ts 1in-10ft

PLOT DATE : 11/20/2024 2:39 PM PLOT BY : GARCIA, JOSE FERNANDO PLOT NAME : PLOT SCALE : 1 IN:10 FT



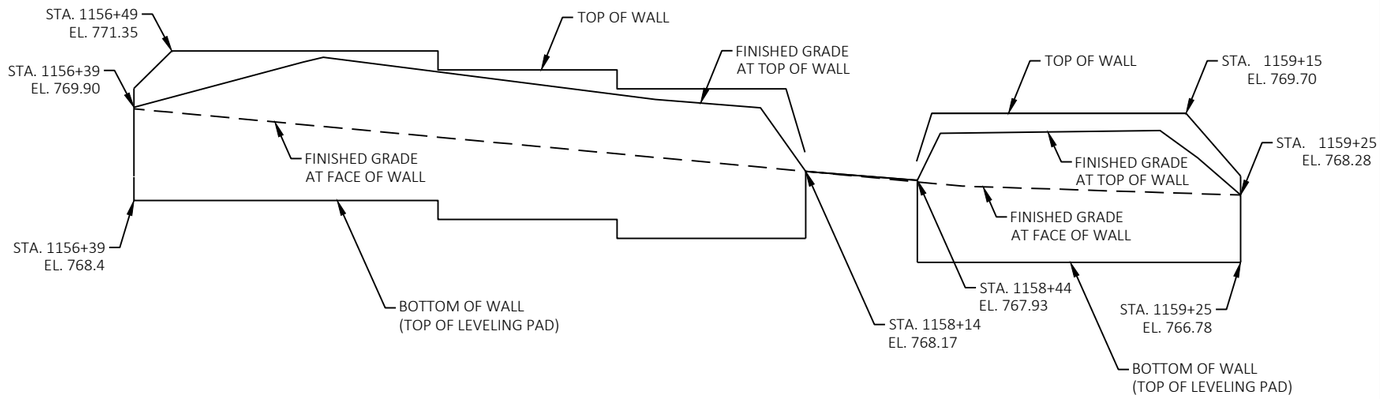
TYPICAL RETAINING WALL SECTION

MODULAR BLOCK WALL
N.T.S.

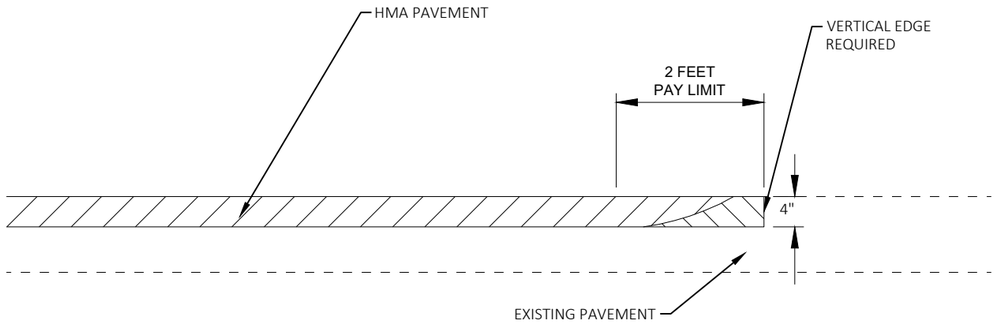


NOTE:

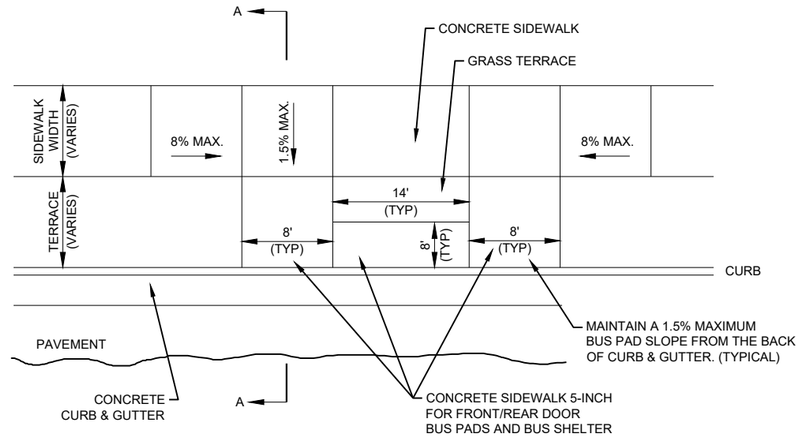
- SET BACK VARIES BY MANUFACTURER. MAXIMUM FRONT FACE SLOPE FROM VERTICAL IS 1 HORIZ. TO 8. VERT.



PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	CONSTRUCTION DETAILS	SHEET 16	E

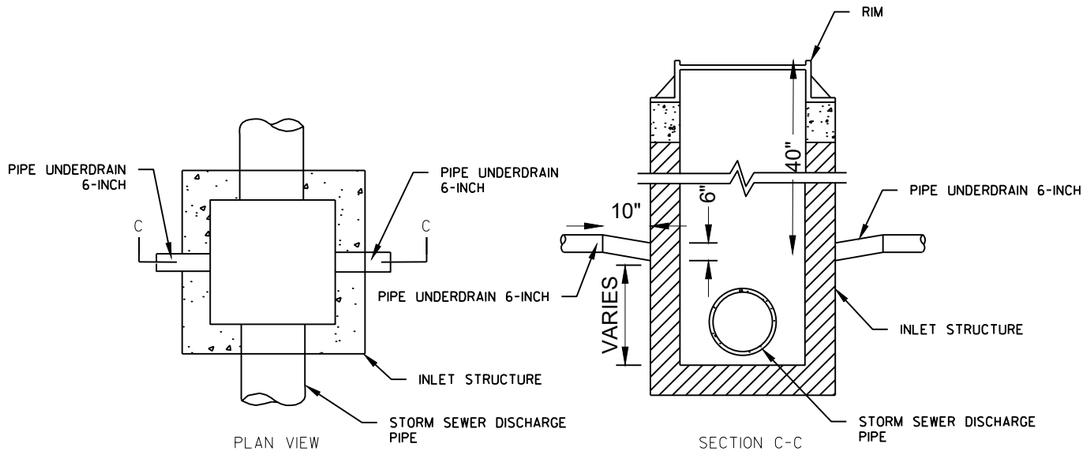


BUTT JOINT - NO CHANGE IN PROFILE



PLAN VIEW - SIDEWALK WITH TERRACE

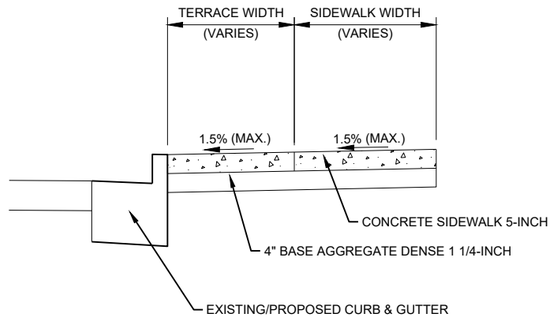
NOTE: DEPRESS SIDEWALK AS NEEDED TO MAINTAIN 1.5% MAXIMUM CROSS SLOPE IN TERRACE AREA.



UNDERDRAIN OUTFALL AT INLET

NOTES:

1. PROVIDE TWO 6" DIA. OPENINGS FOR UNDERDRAIN PIPE A MINIMUM OF 40" BELOW THE RIM ELEVATION.



SECTION A-A

CONCRETE BUS PAD DETAIL

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 CONCRETE, COVER PLATES TEMPORARY, ASPHALTIC SURFACE PATCHING, BASE PATCHING CONCRETE SHES AND DRILLED TIE BARS.

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.

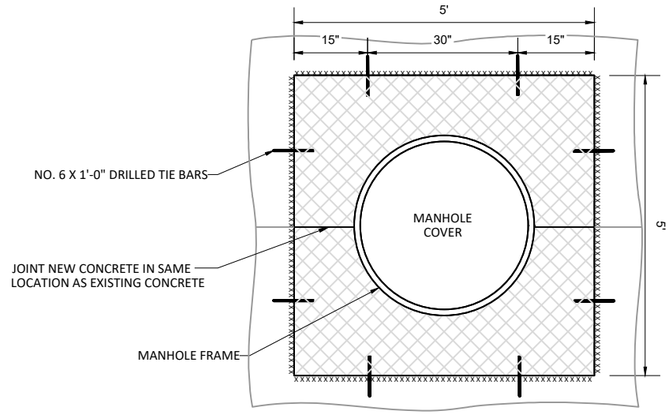
*SAWCUT WILL ONLY BE PAID ONCE. REMOVE ASPHALT SURFACE PATCHING MATERIAL TO THE ORIGINAL SAWCUT LIMITS.

XXX SAWING CONCRETE

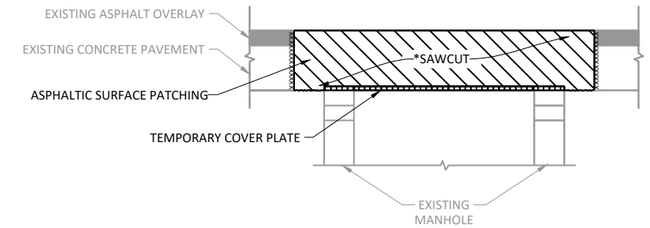
REMOVING PAVEMENT
(INCIDENTAL TO ADJUSTING / RECOSNTRUCTING BID ITEMS)

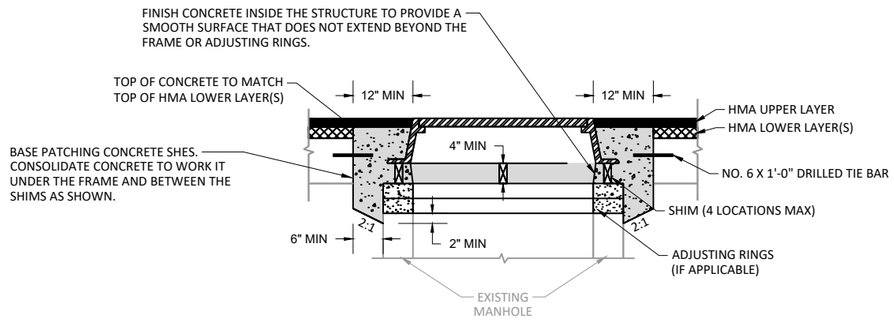
ASPHALTIC SURFACE PATCHING

MONOLITHIC CONCRETE



PLAN VIEW





ADJUSTING / RECONSTRUCTING MANHOLES - MONOLITHIC SHIM

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

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

PAVEMENT REMOVAL FOR THE MONOLITHIC SHIM IS INCIDENTAL TO THE REMOVING CURB & GUTTER BID ITEM.

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

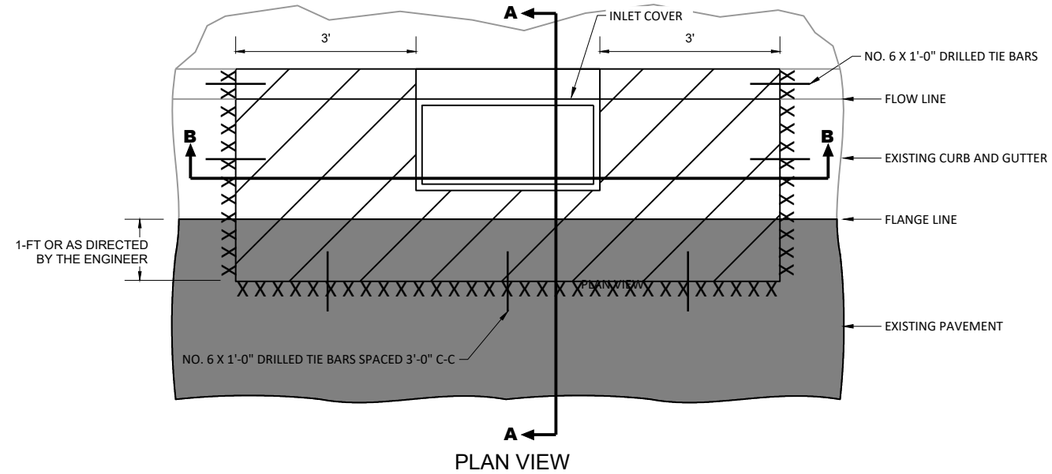
PREVENT CONCRETE AND OTHER DEBRIS FROM FALLING INTO STRUCTURE.

REFER TO PLAN DETAILS AND MISCELLANEOUS QUANTITIES FOR ADDITIONAL INFORMATION.

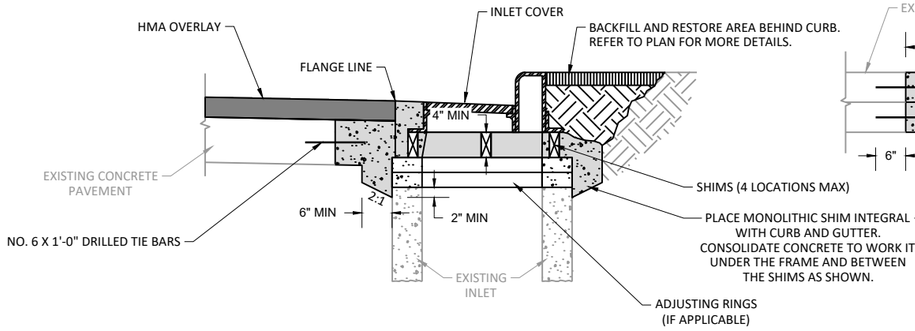
XXX SAWING CONCRETE

REMOVING CURB & GUTTER AND PAVEMENT.
(REMOVING PAVEMENT INCIDENTAL TO REMOVING CURB & GUTTER BID ITEMS.)

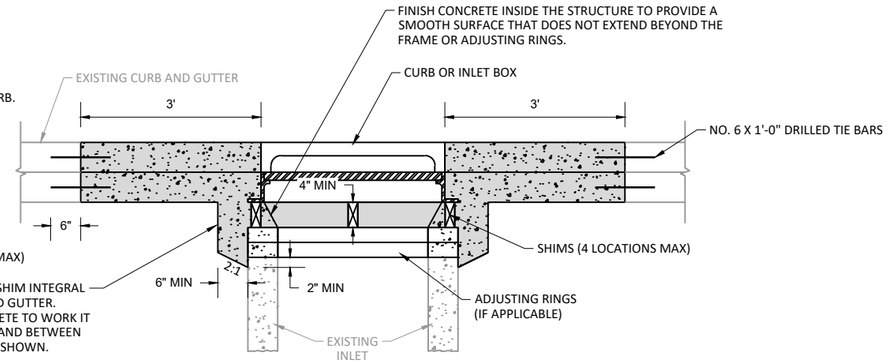
MONOLITHIC CONCRETE



PLAN VIEW



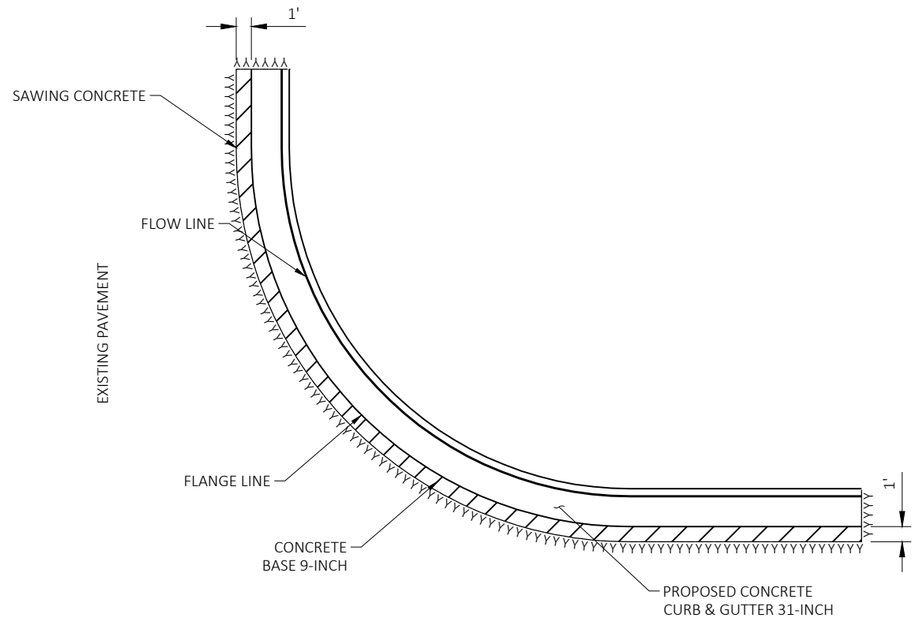
SECTION A-A



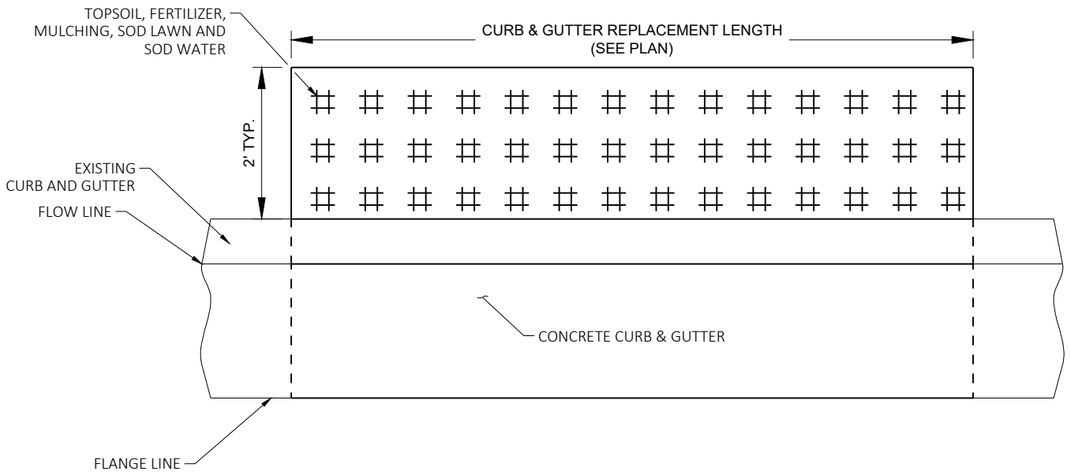
SECTION B-B

ADJUSTING / RECONSTRUCTING CATCH BASINS & INLETS - MONOLITHIC SHIM

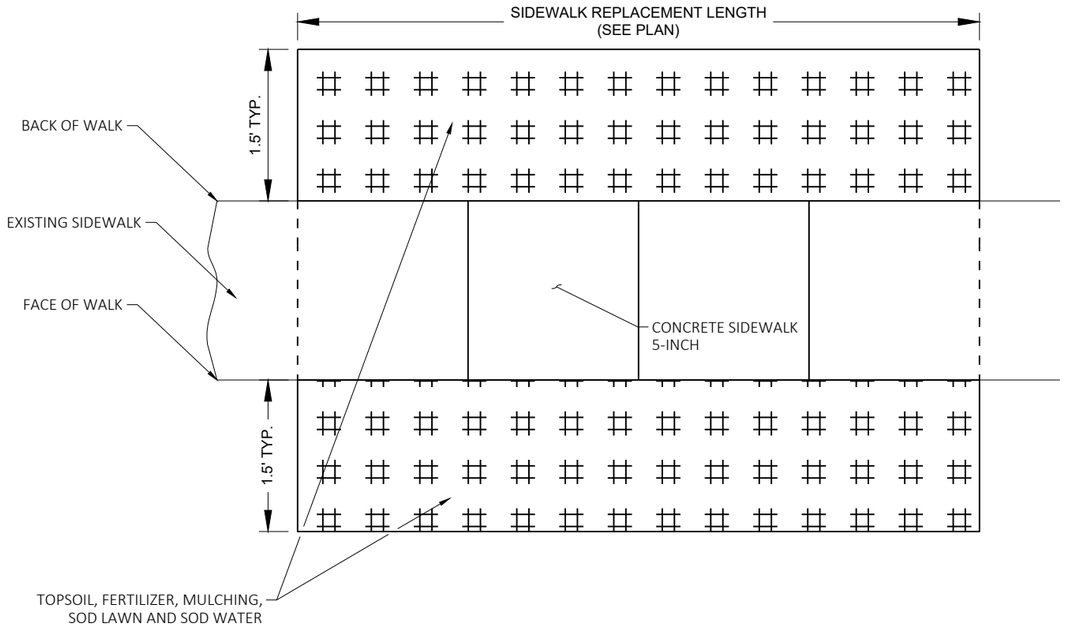
2



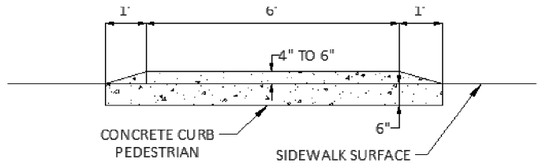
CURB & GUTTER REPLACEMENT DETAIL



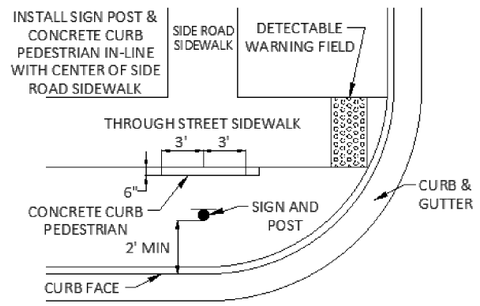
PERMANENT EROSION CONTROL AT CURB & GUTTER REPLACEMENT



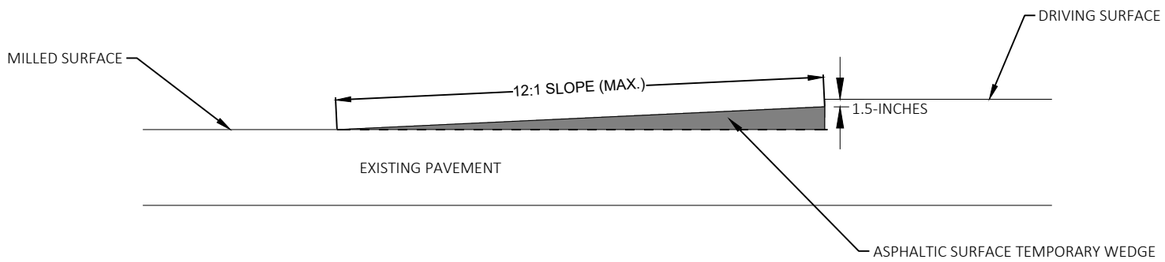
PERMANENT EROSION CONTROL AT SIDEWALK REPLACEMENT



CONCRETE CURB PEDESTRIAN DETAIL
CURB ELEVATION VIEW



CURB AND SIGN LOCATION DETAIL



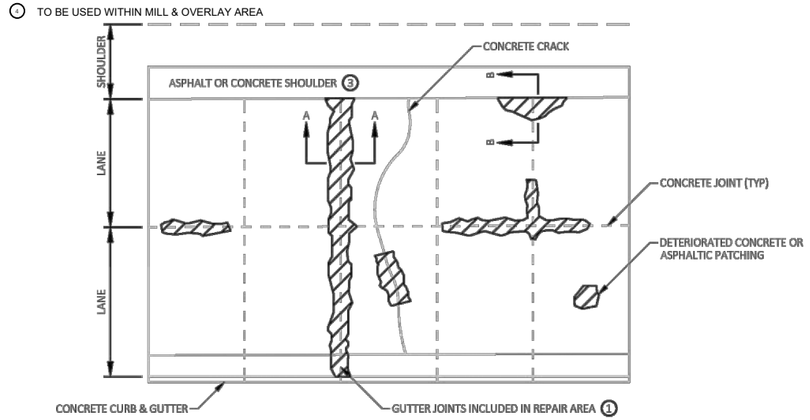
ASPHALTIC SURFACE TEMPORARY WEDGE

NOTES:
- THESE CONSTRUCTION DETAILS AND THE SPECIAL PROVISIONS SUPPLEMENT THE REQUIREMENTS FOR PROVIDING DROP-OFF PROTECTION AS STATED IN STANDARD SPECIFICATION 104.6.1.2.3.
- ASPHALTIC SURFACE TEMPORARY WEDGE PAID FOR AS 'ASPHALTIC SURFACE TEMPORARY'
- REMOVAL OF WEDGE TO BE PAID FOR AS ASPHALTIC SURFACE MILLING

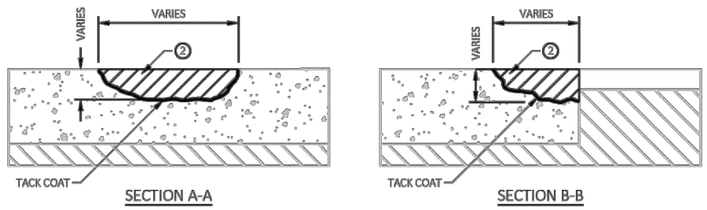
NOTES:

1. PERFORM CONCRETE JOINT AND CRACK CLEANING AND REPAIR IF ASPHALT OVERLAY WILL BE PLACED ON CONCRETE GUTTER
2. REMOVE UNSOUND AND DETERIORATED MATERIAL INCLUDING EXISTING ASPHALTIC PATCHING
3. EXISTING CONCRETE SHOULDER 5-FOOT OR LESS INCLUDED IN REPAIR AREA OF ADJACENT LANE
4. TO BE USED WITHIN MILL & OVERLAY AREA

ASPHALTIC SURFACE
EXISTING CONCRETE PAVEMENT
EXISTING BASE COURSE



PLAN VIEW



SECTION A-A

SECTION B-B

CONCRETE JOINT AND CRACK CLEANING AND REPAIR

2

LEGEND

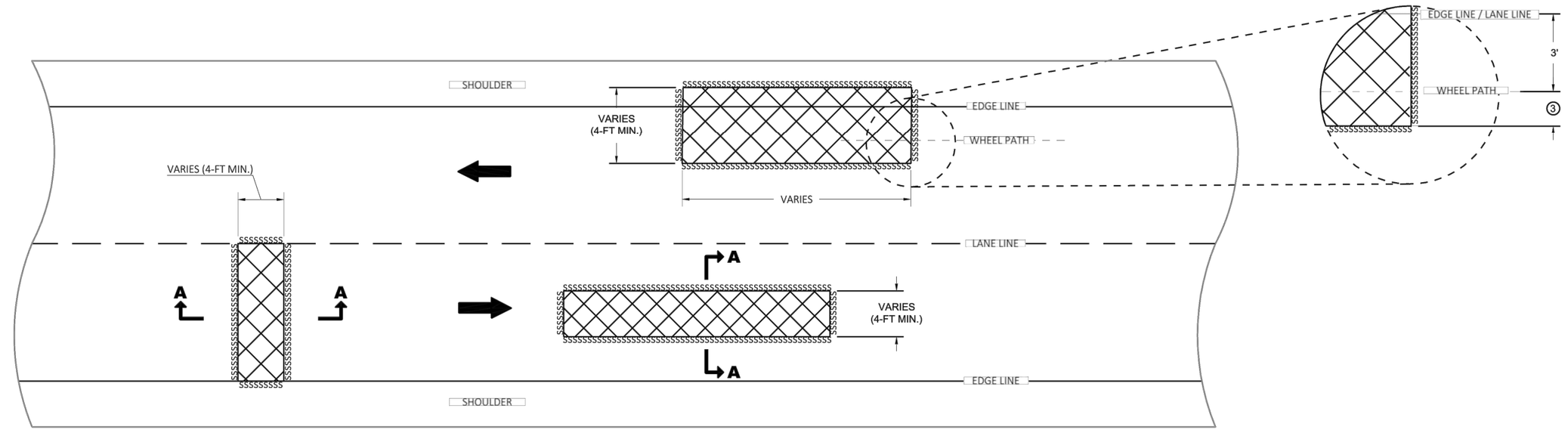
ASPHALTIC REPAIR

SSSSSS VERTICAL MILLED EDGE
SAW CUTTING AT THE CONTRACTORS DISCRETION

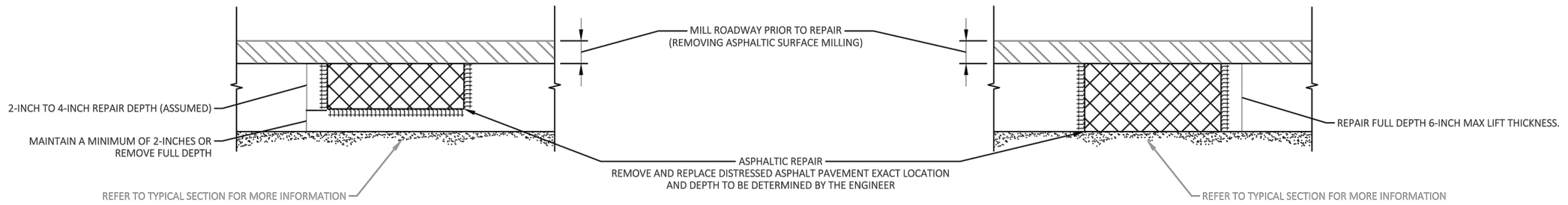
TTTTTTT TACK COAT

GENERAL NOTES

1. EXACT LOCATION, DEPTH AND SIZE OF REPAIR TO BE DETERMINED BY THE ENGINEER IN THE FIELD.
2. MILL PAVEMENT PER PLAN PRIOR TO MAKING ASPHALTIC REPAIR.
3. LOCATE LONGITUDINAL REPAIR JOINTS OUTSIDE OF WHEEL PATH. 12-INCH MINIMUM (24-INCH RECOMMENDED) FROM THE CENTER OF THE WHEEL PATH.
4. ASPHALTIC REPAIR PAVING TO BE DONE ON THE SAME DAY AS REMOVAL.



PLAN VIEW

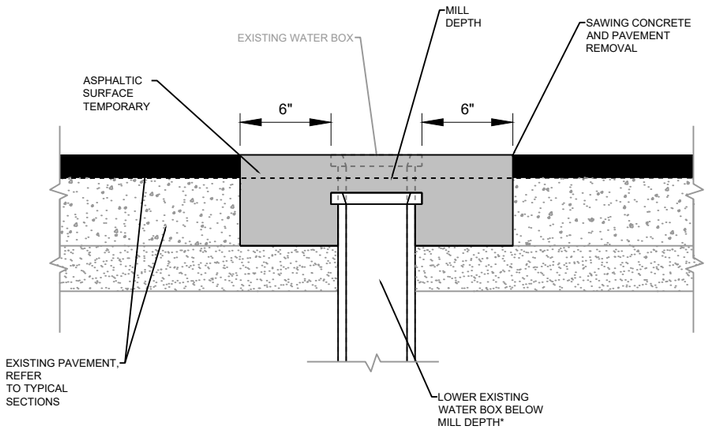


PARTIAL DEPTH **FULL DEPTH**

SECTION A-A

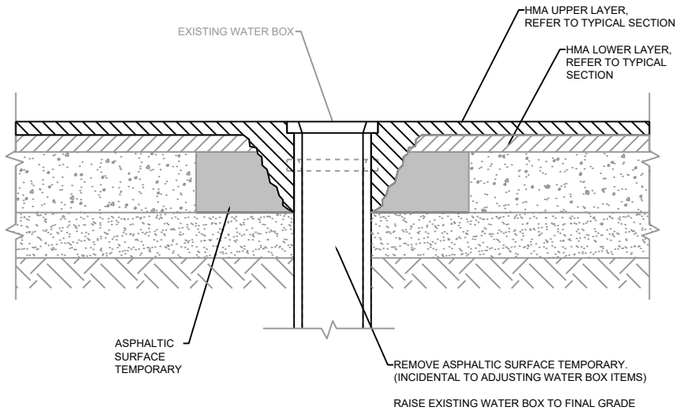
ASPHALTIC REPAIR

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	CONSTRUCTION DETAILS	SHEET 22	E



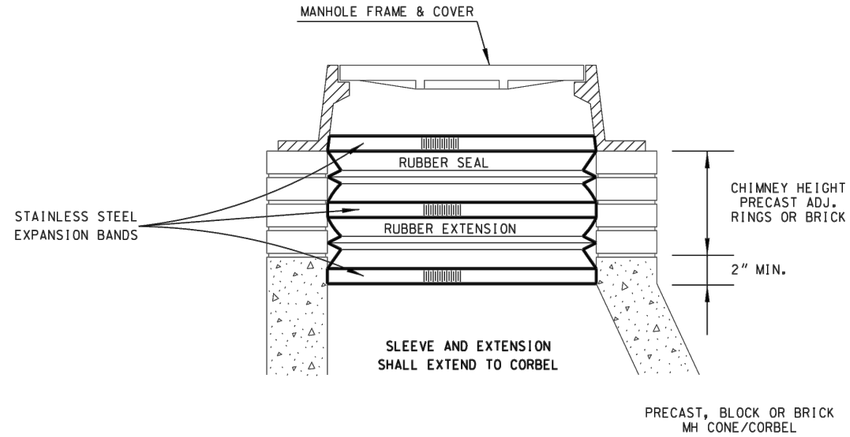
PRIOR TO MILLING

REFER TO SPECIFICATIONS FOR MORE INFORMATION.



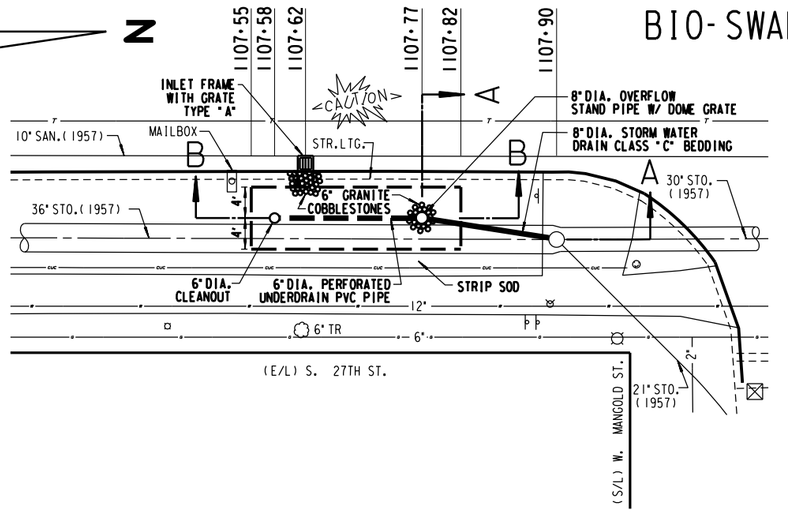
PRIOR TO PAVING UPPER LAYER

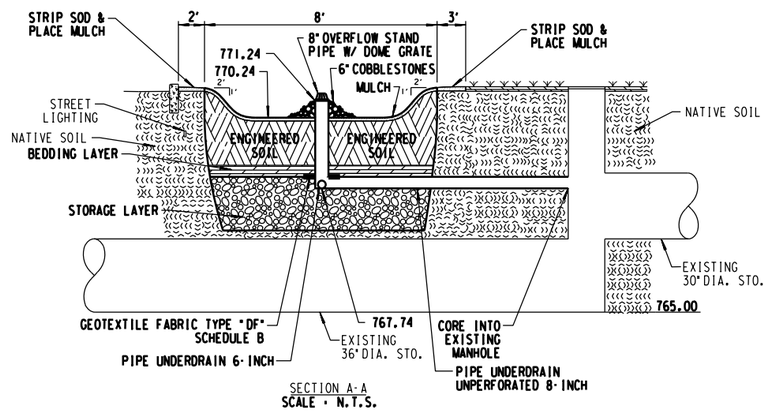
ADJUSTING MILWAUKEE WATER WORKS WATER BOXES



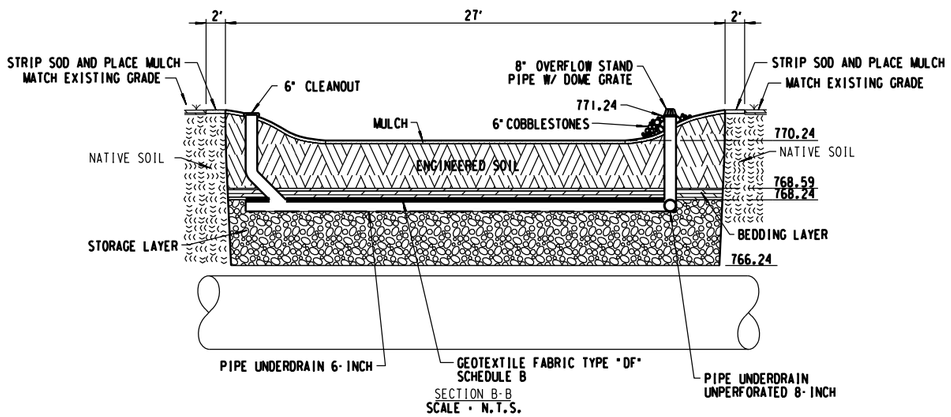
INTERNAL SANITARY MANHOLE SEAL, MILWAUKEE

BIO-SWALE NO. 1



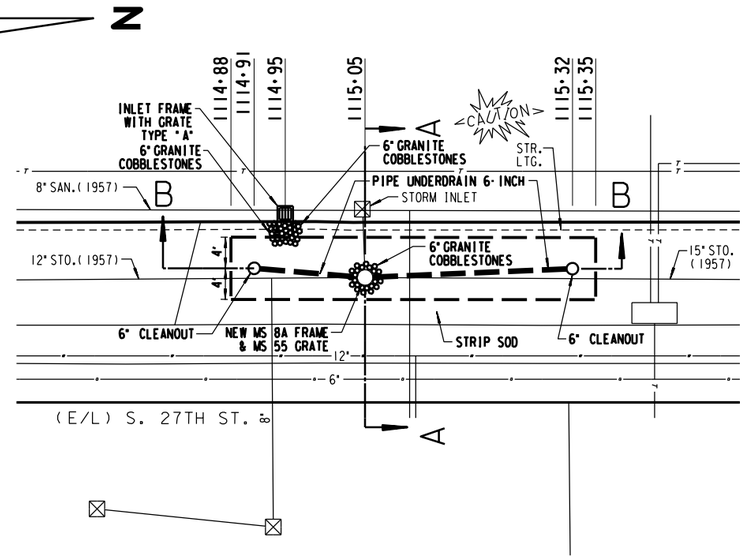


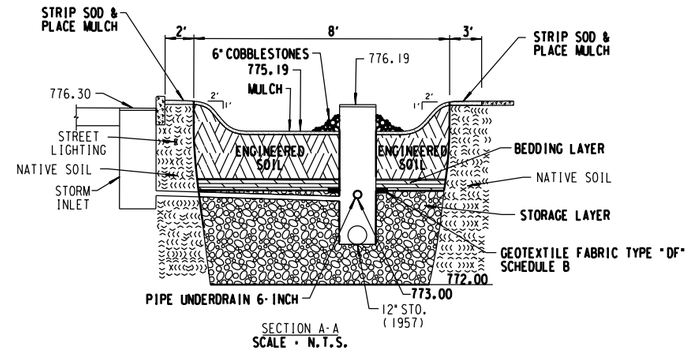
SECTION A-A
SCALE - N.T.S.



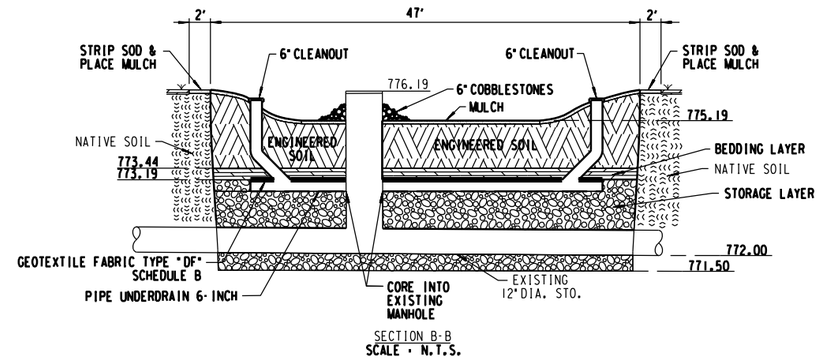
SECTION B-B
SCALE - N.T.S.

BIO-SWALE NO. 2





SECTION A-A
SCALE - N.T.S.

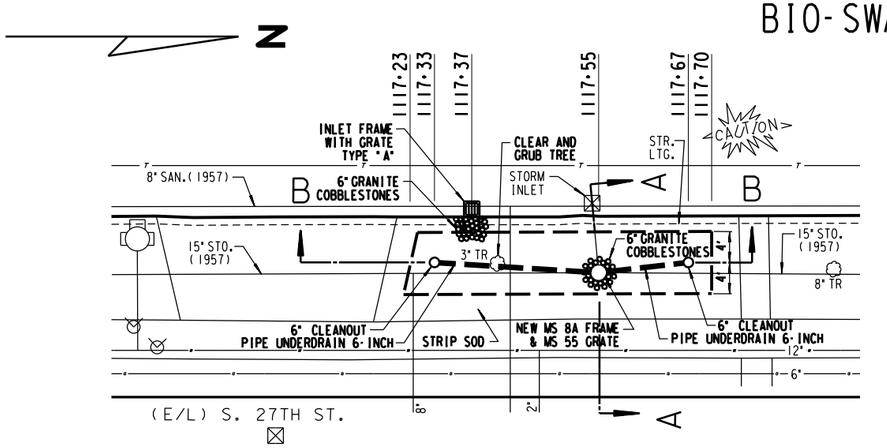


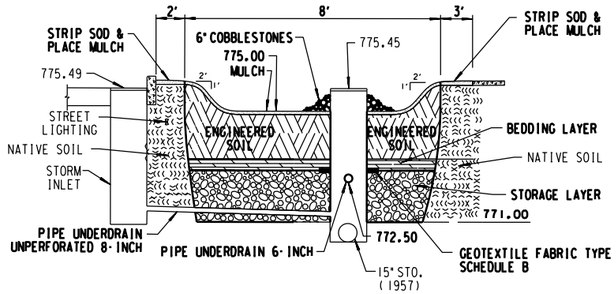
SECTION B-B
SCALE - N.T.S.

STATE PROJECT NUMBER 2265-18-70	HWY: S.T.H. 241	COUNTY: MILWAUKEE	BIO-SWALES	SCALE FEET 0 20	SHEET NO: 24 E

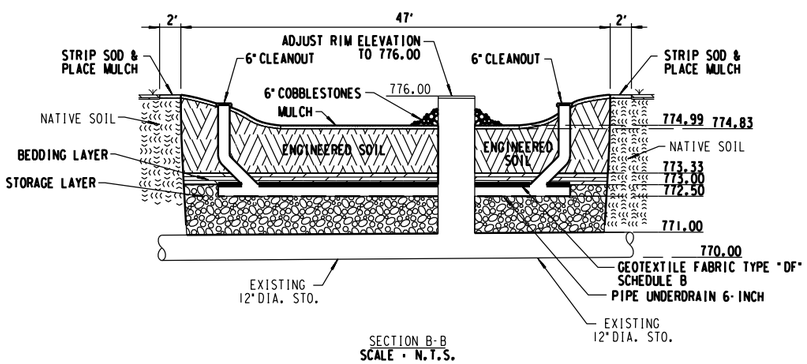
FILE NAME: W:\SEW\SMJOBS2023/SM499220003 S 27TH ST WCOLLEGE AV - WRAMSEY AV\BIOSWALES\S 27TH BIOSWALES.SMP

BIO-SWALE NO. 3



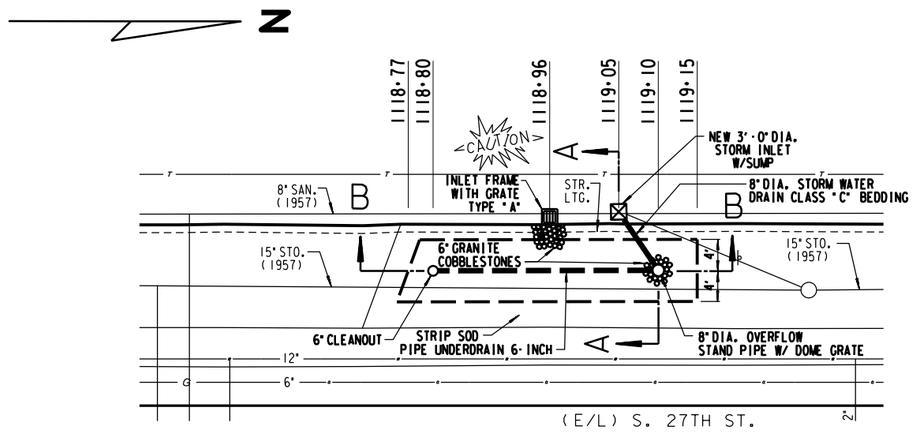


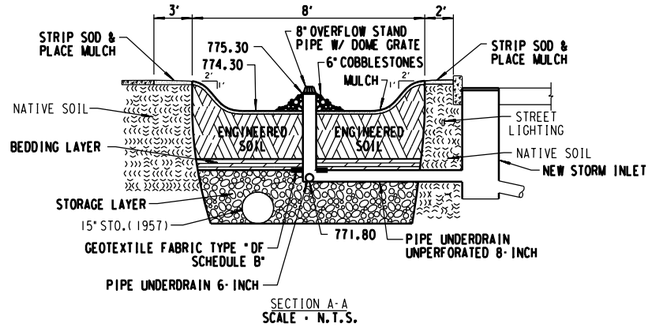
SECTION A-A
SCALE - N.T.S.



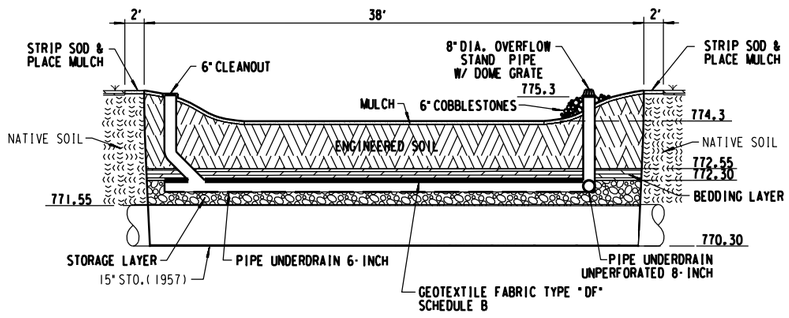
SECTION B-B
SCALE - N.T.S.

BIO-SWALE NO. 4





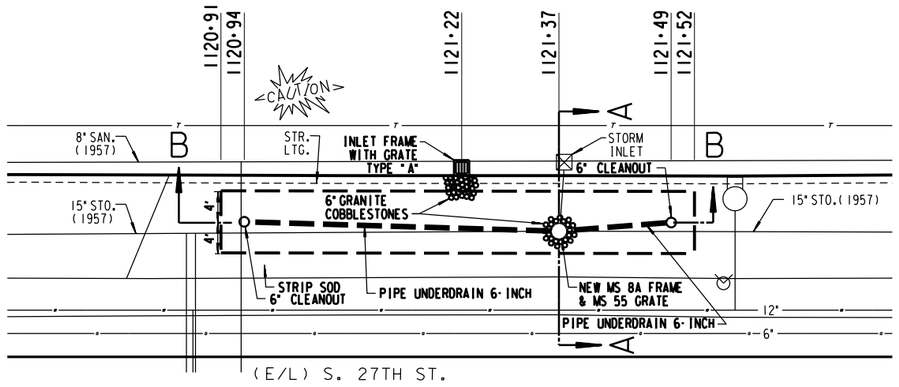
SECTION A-A
SCALE - N.T.S.

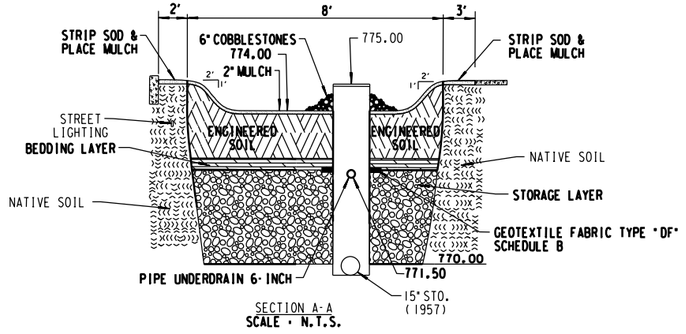


SECTION B-B
SCALE - N.T.S.

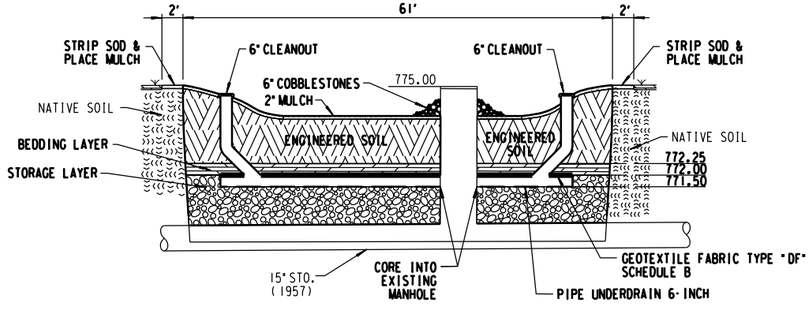
FILE NAME: W:\SEW\SMJOBS2023/SM499220003 S 27TH ST WCOLLEGE AV - WRAMSEY AV\BIOSWALES\S 27TH BIOSWALES.SMP

BIO-SWALE NO. 5



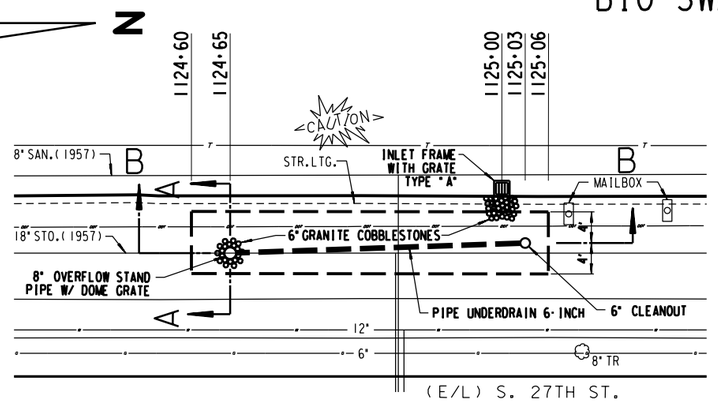


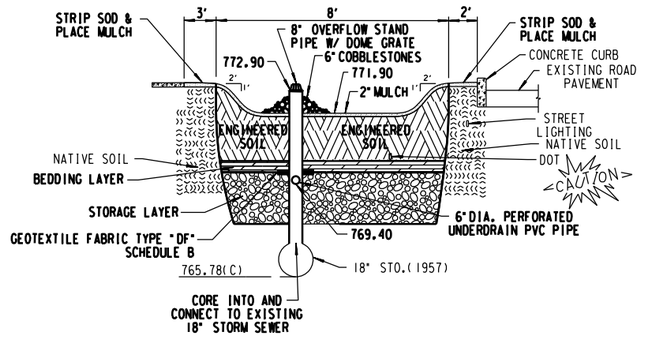
SECTION A-A
SCALE - N.T.S.



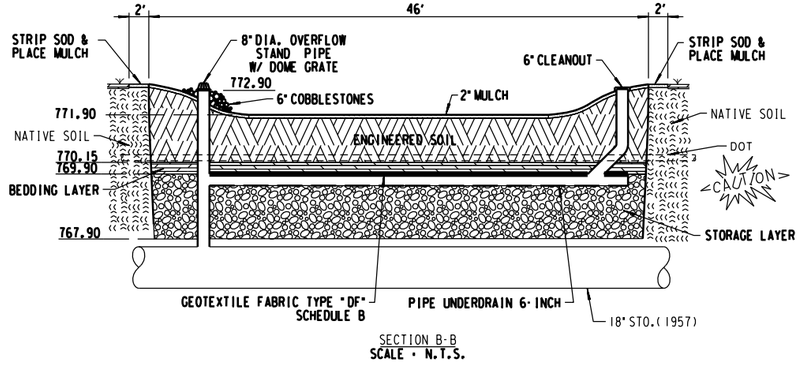
SECTION B-B
SCALE - N.T.S.

BIO-SWALE NO. 6





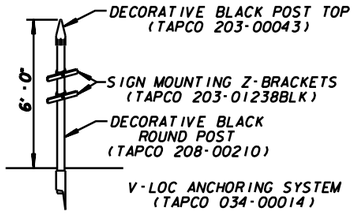
SECTION A-A
SCALE - N.T.S.



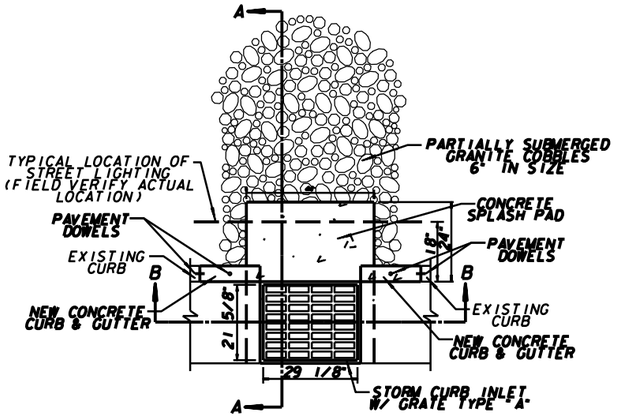
SECTION B-B
SCALE - N.T.S.

STATE PROJECT NUMBER 2265-18-70	HWY: S.T.H. 241	COUNTY: MILWAUKEE	BIO-SWALES	SCALE FEET 0' 20'	SHEET NO: 26	E

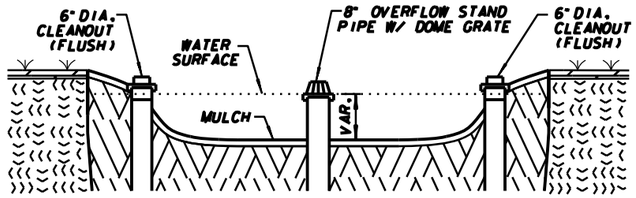
FILE NAME: W:\SEW\SMJOBS2023/SM499220003 S 27TH ST WCOLLEGE AV - WRAMSEY AV\BIOSWALES\S 27TH BIOSWALES.SMP



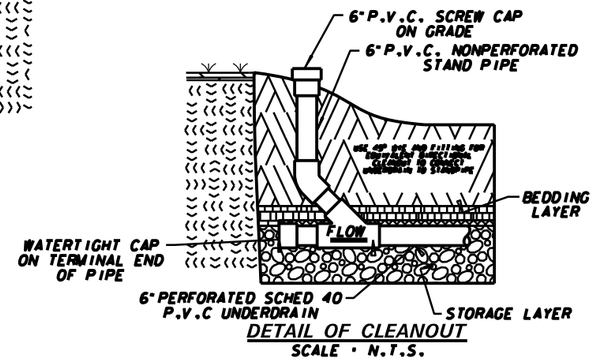
DETAIL OF INFORMATIONAL SIGN POST
SCALE • N.T.S.



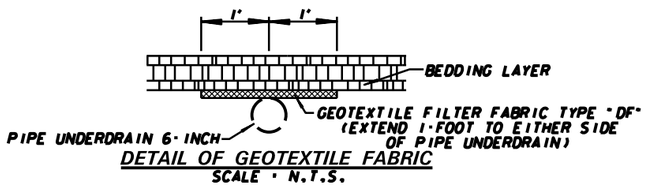
STORM CURB INLET WITH GRATE TYPE "A"



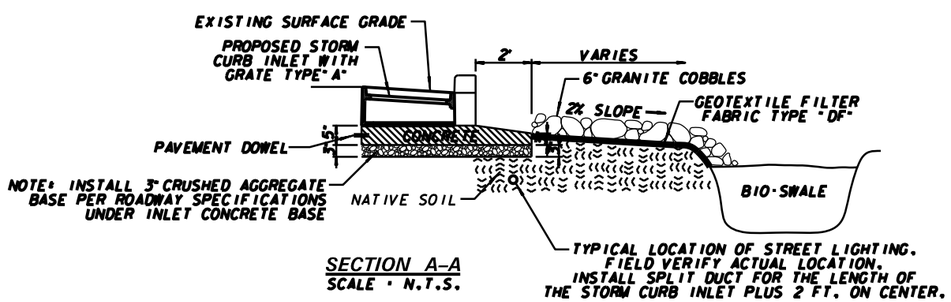
DETAIL OF 8" OVERFLOW STAND PIPE
SCALE • N.T.S.



DETAIL OF CLEANOUT
SCALE • N.T.S.



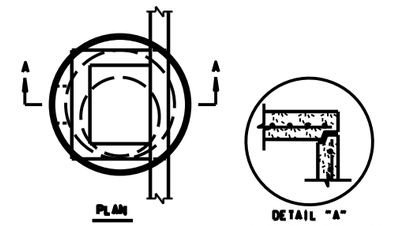
DETAIL OF GEOTEXTILE FABRIC
SCALE • N.T.S.

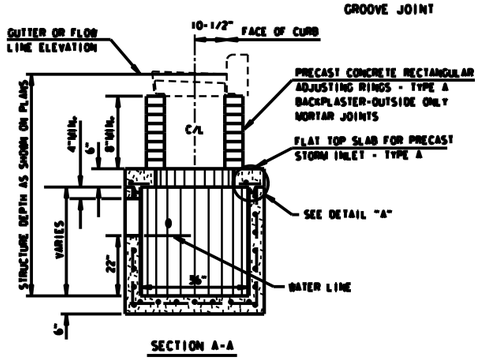


SECTION A-A
SCALE • N.T.S.

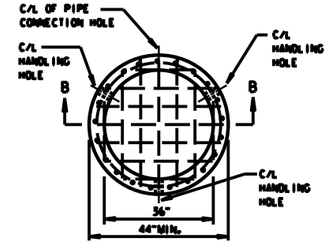
GENERAL NOTES

1. PRECAST INLET UNITS AND BASES SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF AASHTO DESIGNATION M199 AND ASTM DESIGNATION C-478 AND THESE DETAILED REQUIREMENTS WHICH SHALL GOVERN WHERE THEY ALTER THE AASHTO AND ASTM STANDARDS.
2. ALL REINFORCEMENT STEEL SHALL BE GRADE 60 OR GREATER AND EMBEDDED AT LEAST 1-INCH CLEAR.
3. SET FRAME ELEVATION 0.03-FEET. LOWER THAN ELEVATION INDICATED ON PLAN.
4. THE MINIMUM COMPRESSIVE STRENGTH OF THE CONCRETE FOR THE STRUCTURE BASE AND FLAT TOP SLAB SHALL BE 4000 P.S.I.
5. THE MINIMUM COMPRESSIVE STRENGTH OF THE CONCRETE FOR THE RECTANGULAR ADJUSTING RING SHALL BE 3300 P.S.I.
6. PRECAST REINFORCED BASES SHALL BE PLACED ON A BED OF MATERIAL AT LEAST 4-INCH IN DEPTH WHICH MEETS REQUIREMENTS FOR GRANULAR BACKFILL. THIS BEDDING SHALL BE COMPACTED AND PROVIDE UNIFORM SUPPORT FOR THE ENTIRE AREA OF THE BASE.
7. CIRCUMFERENTIAL AND LONGITUDINAL REINFORCEMENT IN THE RISER SECTION SHALL CONSIST OF ONE LINE OF STEEL NOT LESS THAN 0.12 SQ. IN. PER LINEAL FOOT, AND SHALL BE PLACED IN THE CENTER THIRD OF THE WALL.
8. FLAT TOP SLAB SHALL BE REINFORCED WITH ONE LAYER OF STEEL WITH A MINIMUM AREA OF 0.32 SQ. IN. PER LINEAL FOOT IN BOTH DIRECTIONS, PLACED NEAR THE BOTTOM OF THE SLAB WITH 1-INCH CLEAR COVER. ALL REINFORCEMENTS SHALL BE TIED OR WELDED TOGETHER.
9. ADDITIONAL NO. 5 BARS SHALL BE PLACED AROUND TOP SLAB OPENING AS SHOWN.
10. BASE SLAB SHALL BE REINFORCED WITH ONE LAYER OF STEEL WITH A MINIMUM AREA OF 0.32 SQ. IN. PER LINEAL FOOT IN BOTH DIRECTIONS, PLACED AT THE MIDPOINT OF THE SLAB. ALL REINFORCEMENTS SHALL BE TIED OR WELDED TOGETHER.
11. NO JOINTS OR HOLES SHALL BE BELOW THE WATERLINE.
12. RISER SECTION MAY TAPER TO A 33-INCH INTERNAL DIAMETER AT IT'S BOTTOM PROVIDED A 44-INCH MINIMUM OUTSIDE DIAMETER IS MAINTAINED.
13. THE ADJUSTING RINGS SHALL BE 2-INCH, 3-INCH, 4-INCH OR 6-INCH IN HEIGHT.

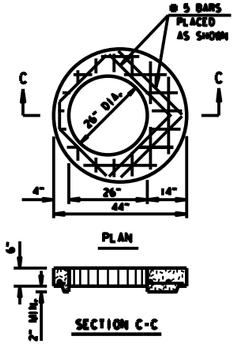




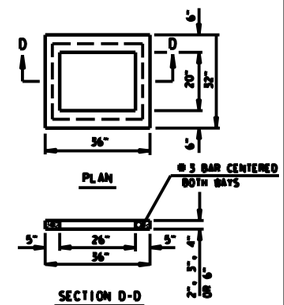
SECTION A-A



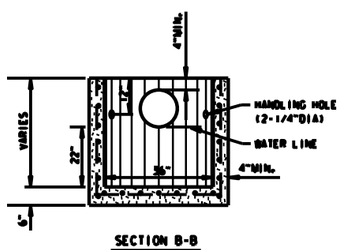
RISER SECTION WITH
INTEGRAL BASE PLAN



TOP SLAB - TYPE A



RECTANGULAR ADJUSTING RING - TYPE A



SECTION B-B

ENVIRONMENTAL ENGINEERING SECTION
INFRASTRUCTURE SERVICES DIVISION
DEPARTMENT OF PUBLIC WORKS
MILWAUKEE, WISCONSIN

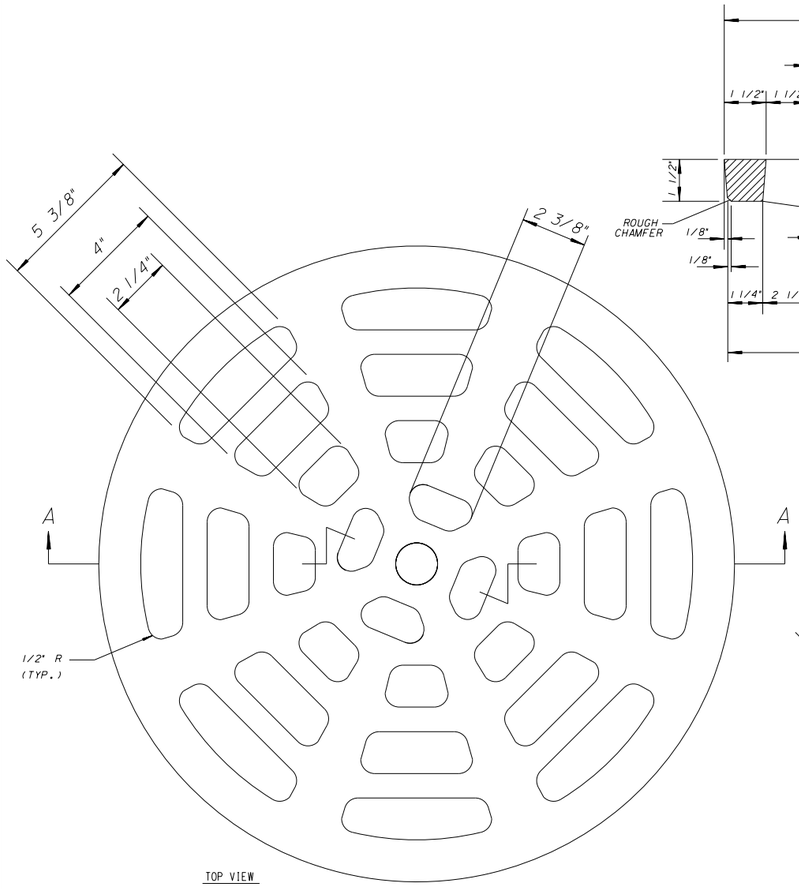
SEWER DETAIL DRAWING

STORM INLET TYPE 45A

DATE: 2/2/2021

STATE PROJECT NUMBER 2265-18-00	HWY: S.T.H. 241	COUNTY: MILWAUKEE	BIO-SWALES	SCALE FEET 0' 10'	SHEET NO: 27	E

FILE NAME: W:\SEW\SMJOBS2023/SM499220003 S 27TH ST WCOLLEGE AV - WRAMSEY AV\BIOSWALES\S 27TH BIOSWALES.SMP



TOP VIEW

STANDARD MANHOLE GRATE - MS60

GENERAL NOTES

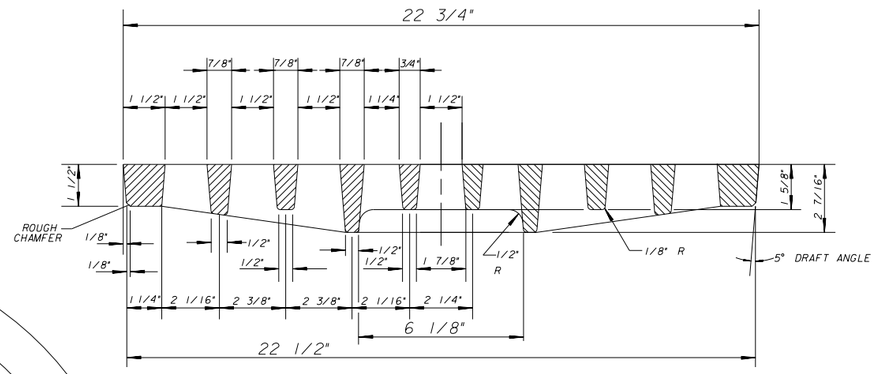
NOTE: ALL DIMENSIONS ARE SHOWN IN ENGLISH

MATERIAL: CAST GRAY IRON ASTM A-48, CLASS 35B
FINISH: NO PAINT
WEIGHT: 120 LBS.

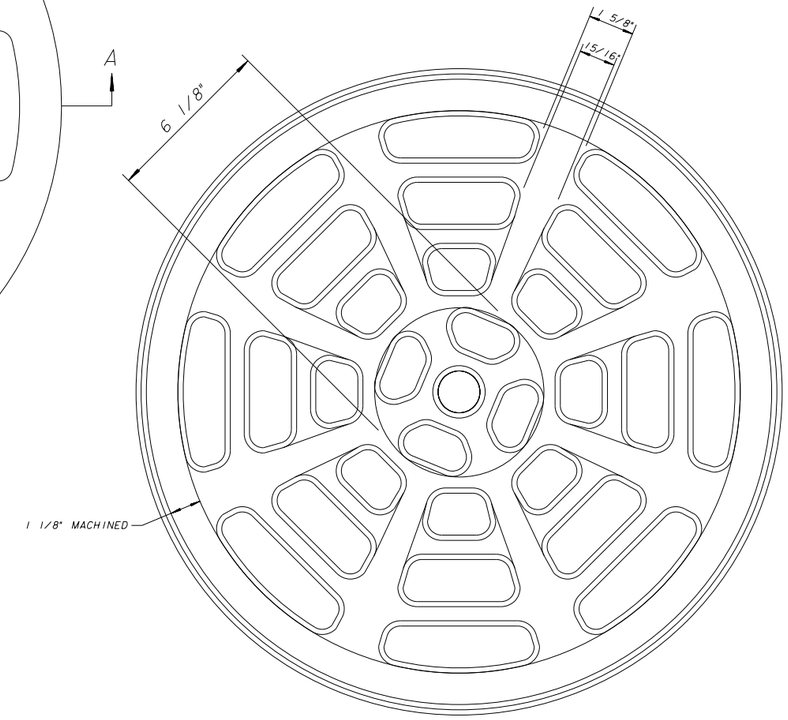
ALL CASTINGS SHALL BEAR THE FLLOWING IDENTIFICATION MARKS IN THE FORM OF LEGIBLE LETTERS OR NUMBERS RAISED 1/8" AND HAVING A DIGIT OR LETTER HEIGHT OF 1 INCH

1. THE INITIALS OR MONOGRAM OF THE FOUNDRY
2. THE CONTRACT NUMBER AND YEAR MADE
3. CASTING IDENTIFICATION NUMBER (MS-60)
4. THE SERIAL NUMBER OF THE MANHOLE CASTING

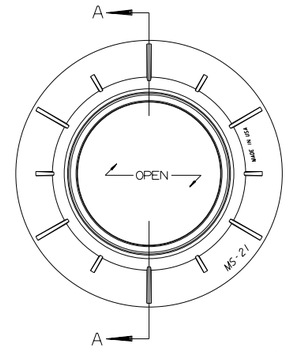
ALL EXTERIOR EDGES SHALL BE GROUND
MUST FIT (MS-42-1), AND (MS42-1.5),
(MS42-2), (MS42-2.5), AND (MS42-3) ADJUSTING RING



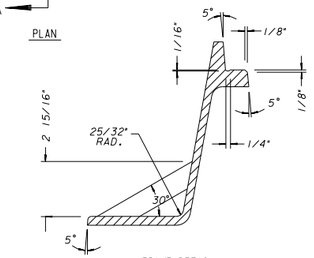
SECTION A-A



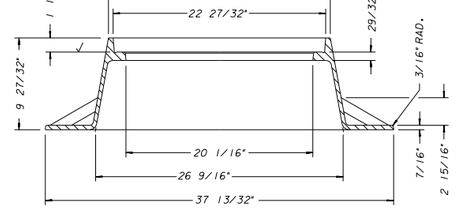
BOTTOM VIEW



PLAN



FRAME DETAIL



SECTION A-A

STANDARD MANHOLE FRAME - MS21

GENERAL NOTES

NOTE: ALL DIMENSIONS ARE SHOWN IN ENGLISH

MATERIAL: CAST GRAY IRON ASTM A-48, CLASS 35B
FINISH: NO PAINT
WEIGHT: 182 LBS.

ALL CASTINGS SHALL BEAR THE FLLOWING IDENTIFICATION MARKS IN THE FORM OF LEGIBLE LETTERS OR NUMBERS RAISED 1/8" AND HAVING A DIGIT OR LETTER HEIGHT OF 1 INCH ON THE UPPER FACE OF THE FRAME FLANGE

1. THE INITIALS OR MONOGRAM OF THE FOUNDRY
2. THE CONTRACT NUMBER AND YEAR MADE
3. CASTING IDENTIFICATION NUMBER (MS-21)
4. THE SERIAL NUMBER OF THE MANHOLE CASTING

ALL EXTERIOR EDGES SHALL BE GROUND
MUST FIT (MS-58), (MS58-A) LID, AND (MS-60) GRATE
MUST FIT (MS42-1, AND (MS42-1.5),
(MS42-2), (MS42-2.5), AND (MS42-3) ADJUSTING RING

2

LEGEND

- SAWING CONCRETE
- SAWING ASHALT
- CLEARING & GRUBBING (INDIVIDUAL TREES)
- EXISTING DRAINAGE STRUCTURE TO BE REMOVED
- REMOVE STORM SEWER
- REMOVE PAVEMENT FOR BASE PATCH
- SLOPE INTERCEPT
- REMOVING CONCRETE PAVEMENT
- REMOVING CONCRETE SIDEWALK
- REMOVING ASPHALTIC SURFACE MILLING
- REMOVING ASPHALTIC SURFACE
- REMOVING CURB & GUTTER
- CONCRETE PAVEMENT REPAIR/REPLACEMENT

N

' LLC

6141 S 27TH ST
BOYLAND PROPERTIES GREENFIELD LLC

EX. R/W

STH 241 (S. 27TH ST.) SB

EX. R/W

1102+00 1103+00 1104+00 1105+00 1106+00 1107+00 1108+00

MATCH LINE 1108+00

STH 241 (S. 27TH ST.) NB

EX. R/W

EX. R/W

6292 S 27TH ST
3LA PARTNERS, LLC

6260 S 27TH ST
ETD DEVELOPMENT LLC

6234 S 27TH ST
GERALD MATTHEW FELICIAN AND
MARY ANN FELICIAN JOINT

6218 S 27TH ST
ANTIC PROPERTIES LLC

6206 S 27TH ST
SALIM SHELLEH
AHMAD SHELLEH

2621 W MANGOLD AVE
SHARON L EINEICHNER-
BIEDENBENDER

2

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	REMOVAL PLAN	SHEET 29	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\021004_RM.DWG
LAYOUT NAME - 021201_pd
PLOT DATE : 11/20/2024 2:59 PM
PLOT BY : STRASSER, JEFFREY
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

2

LEGEND

- SAWING CONCRETE
- SAWING ASPHALT
- CLEARING & GRUBBING (INDIVIDUAL TREES)
- EXISTING DRAINAGE STRUCTURE TO BE REMOVED
- REMOVE STORM SEWER
- REMOVE PAVEMENT FOR BASE PATCH
- SLOPE INTERCEPT
- REMOVING CONCRETE PAVEMENT
- REMOVING CONCRETE SIDEWALK
- REMOVING ASPHALTIC SURFACE MILLING
- REMOVING ASPHALTIC SURFACE
- REMOVING CURB & GUTTER
- CONCRETE PAVEMENT REPAIR/REPLACEMENT

6133 S 27TH ST
, LLC, A WISCONSIN LIMITED LIABILITY CO

6125 S 27TH ST
ROMINE'S HIGH POCKETS PROPERTY LLC

6101 S 27TH ST
MICHAEL G BORCHARDT
ARLENE BORCHARDT

6101 S 27TH ST
MICHAEL G BORCHARDT
ARLENE BORCHARDT

FLAG

N

EX. R/W

EX. R/W

STH 241 (S. 27TH ST.) SB

MATCH LINE 1108+00

1109+00

1110+00

1111+00

1112+00

1113+00

1114

MATCH LINE 1114+00

STH 241 (S. 27TH ST.) NB

EX. R/W

EX. R/W

416

415

W. MANGOLD AVE.

W. KIMBERLY AVE.

6148 S 27TH ST
HEATHER D HACKBARTH

6142 S 27TH ST
STEVEN R SCHMIDT

6126 S 27TH ST
JOSEPH G RAKOWSKI
PATRICIA A RAKOWSKI

6112 S 27TH ST
REALTY INCOME CORPORATION
C/O MONRO, INC.

EX. R/W

EX. R/W

EX. R/W

EX. R/W

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	REMOVAL PLAN	SHEET 30	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\021004_RM.DWG
LAYOUT NAME - 021202_pd

PLOT DATE : 11/20/2024 2:59 PM PLOT BY : STRASSER, JEFFREY PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

2

LEGEND

- YYYYYY SAWING CONCRETE
- XXXXXX SAWING ASPHALT
- CLEARING & GRUBBING (INDIVIDUAL TREES)
- EXISTING DRAINAGE STRUCTURE TO BE REMOVED
- REMOVE STORM SEWER
- REMOVE PAVEMENT FOR BASE PATCH
- SLOPE INTERCEPT
- REMOVING CONCRETE PAVEMENT
- REMOVING CONCRETE SIDEWALK
- REMOVING ASPHALTIC SURFACE MILLING
- REMOVING ASPHALTIC SURFACE
- REMOVING CURB & GUTTER
- CONCRETE PAVEMENT REPAIR/REPLACEMENT

N

S. HONEYCREEK DR.

EX. R/W

EX. R/W

6061 S 27TH ST
MICHAEL G. BORCHARDT FAMILY TRUST
ARLENE F. BORCHARDT FAMILY TRUST
DATED 2/3/2012

6025 S 27TH ST
OUR FATHERS EV LUTHERAN CHURCH

6015 S 27TH ST
MICHAEL G. BORCHARDT FAMILY TRUST
ARLENE F. BORCHARDT FAMILY TRUST DATED 2/3/2012

6011 S 27TH ST
HARMONY FOUNDATION INC.

6001 S 27TH ST
DURA SERVICE LLC
JAMAL M AMRO

EX. R/W

EX. R/W

STH 241 (S. 27TH ST.) SB

STH 241 (S. 27TH ST.) NB

MATCH LINE 1114+00

1115+00

1116+00

1117+00

1118+00

1119+00

MATCH LINE 1120+00

EX. R/W

EX. R/W

6080 S 27TH ST
JEROME J & MARIANNE L
KLECZKA FAMILY TRUST

6050 S 27TH ST
CLARENCE F HARTWIG JR
TRUSTEE CLARENCE F HARTWIG

6044 S 27TH ST
CLARENCE F HARTWIG JR
TRUSTEE CLARENCE F HARTWIG

6036 S 27TH ST
CLARENCE F HARTWIG JR
TRUSTEE CLARENCE F HARTWIG

6020 S 27TH ST
JAMES A KUPFER

6010 S 27TH ST
WISCONSIN REVOCABLE LIVING T

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	REMOVAL PLAN	SHEET 31	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\021004_RM.DWG
LAYOUT NAME - 021203_pd

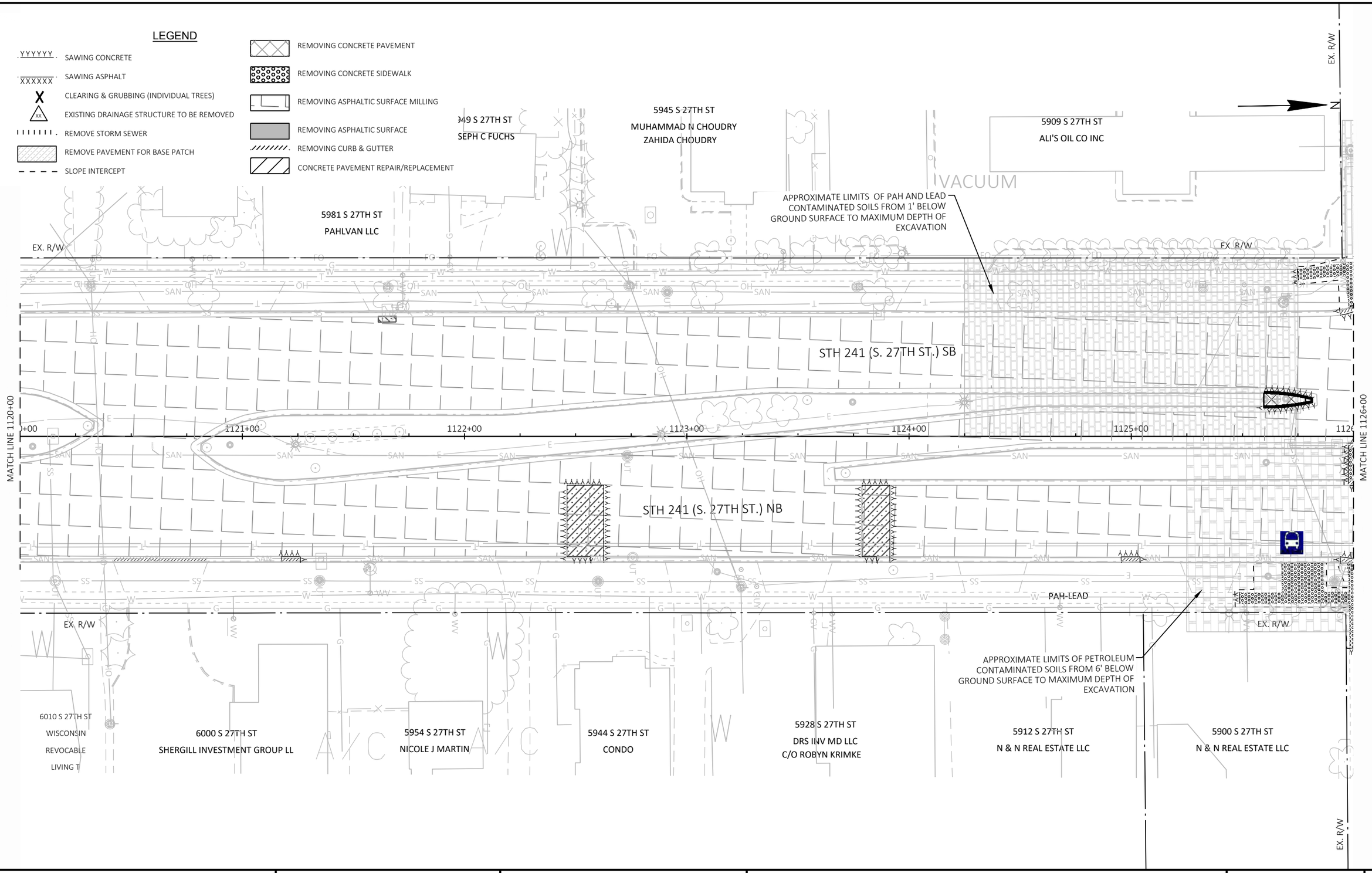
PLOT DATE : 11/20/2024 3:00 PM PLOT BY : STRASSER, JEFFREY PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- YYYYYY SAWING CONCRETE
- XXXXXX SAWING ASPHALT
- X CLEARING & GRUBBING (INDIVIDUAL TREES)
- XX EXISTING DRAINAGE STRUCTURE TO BE REMOVED
- REMOVE STORM SEWER
- REMOVE PAVEMENT FOR BASE PATCH
- SLOPE INTERCEPT
- REMOVING CONCRETE PAVEMENT
- REMOVING CONCRETE SIDEWALK
- REMOVING ASPHALTIC SURFACE MILLING
- REMOVING ASPHALTIC SURFACE
- REMOVING CURB & GUTTER
- CONCRETE PAVEMENT REPAIR/REPLACEMENT



PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	REMOVAL PLAN	SHEET 32	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\021004_RM.DWG
LAYOUT NAME - 021204_pd
PLOT DATE : 11/20/2024 3:00 PM
PLOT BY : STRASSER, JEFFREY
PLOT NAME :
PLOT SCALE : 1 IN:40 FT

2730 W RAMSEY AVE
EHF MAPLE RIDGE RE LLC
C/O ALTUS GROUP US INC`

W. RAMSEY AVE.

APPROXIMATE LIMITS OF PAH AND LEAD CONTAMINATED SOILS FROM 1' BELOW GROUND SURFACE TO MAXIMUM DEPTH OF EXCAVATION

PAH-LEAD

APPROXIMATE LIMITS OF PETROLEUM CONTAMINATED SOILS FROM 6' BELOW GROUND SURFACE TO MAXIMUM DEPTH OF EXCAVATION

5839 S 27TH ST
JMR PROPERTIES IV, LLC

PETROLEUM

APPROXIMATE LIMITS OF PETROLEUM CONTAMINATED SOILS FROM 1' BELOW GROUND SURFACE TO MAXIMUM DEPTH OF EXCAVATION

5819 S 27TH ST
JMR PROPERTIES IV, LLC

5801 S 27TH ST
THE 12TH MAN LLC

5791 S 27TH ST
THE 14TH MAN LLC

EX. R/W

LEGEND

- SAWING CONCRETE
- SAWING ASPHALT
- CLEARING & GRUBBING (INDIVIDUAL TREES)
- EXISTING DRAINAGE STRUCTURE TO BE REMOVED
- REMOVE STORM SEWER
- REMOVE PAVEMENT FOR BASE PATCH
- SLOPE INTERCEPT
- REMOVING CONCRETE PAVEMENT
- REMOVING CONCRETE SIDEWALK
- REMOVING ASPHALTIC SURFACE MILLING
- REMOVING ASPHALTIC SURFACE
- REMOVING CURB & GUTTER
- CONCRETE PAVEMENT REPAIR/REPLACEMENT

N

STH 241 (S. 27TH ST.) SB

PI- 1126+40.88

1127+00 1128+00 1129+00 1130+00 1131+00

MATCH LINE 1126+00

MATCH LINE 1132+00

SHOW SEC WISDOT PID 621156 E 36-6-21

STH 241 (S. 27TH ST.) NB

405

PETROLEUM

APPROXIMATE LIMITS OF PETROLEUM CONTAMINATED SOILS FROM 4' BELOW GROUND SURFACE TO 8' DEPTH

APPROXIMATE LIMITS OF PETROLEUM CONTAMINATED SOILS FROM 6' BELOW GROUND SURFACE TO MAXIMUM DEPTH OF EXCAVATION

W. RAMSEY AVE.

EX. R/W

5890 S 27TH ST
ARCHLAND PROPERTY I LLC
DBA MCDONALD'S ON S 27TH

5848 S 27TH ST
TWO 7-W INS, LLC

W. GOLDCREST AVE.

5798 S 27TH ST
INNA POLAK
MAREK POLAK

5794 S 27TH ST
THOMAS GEORGE HARMON &
WILLIAM G HARMON SURVIVOR'S

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	REMOVAL PLAN	SHEET 33	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\021004_RM.DWG
LAYOUT NAME - 021205_pd

PLOT DATE : 11/20/2024 3:00 PM PLOT BY : STRASSER, JEFFREY PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

2

LEGEND

- SAWING CONCRETE
- SAWING ASPHALT
- CLEARING & GRUBBING (INDIVIDUAL TREES)
- EXISTING DRAINAGE STRUCTURE TO BE REMOVED
- REMOVE STORM SEWER
- REMOVE PAVEMENT FOR BASE PATCH
- SLOPE INTERCEPT
- REMOVING CONCRETE PAVEMENT
- REMOVING CONCRETE SIDEWALK
- REMOVING ASPHALTIC SURFACE MILLING
- REMOVING ASPHALTIC SURFACE
- REMOVING CURB & GUTTER
- CONCRETE PAVEMENT REPAIR/REPLACEMENT

N

5727 S 27TH ST
JACOBS REALTY LTD PTNRSHP

5777 S 27TH ST
JACOBS REALTY LTD PTNRSHP

5791 S 27TH ST
THE 14TH MAN LLC
EX. R/W

EX. R/W

STH 241 (S. 27TH ST.) SB

MATCH LINE 1132+00

1133+00 1134+00 1135+00 1136+00 1137+00 1138+00

MATCH LINE 1138+00

STH 241 (S. 27TH ST.) NB

EX. R/W

FLAG

POST POST POST POST POST POST POST

EX. R/W

5794 S 27TH
ST THOMAS GEORGE HARMON &
WILLIAM G HARMON SURVIVOR'S

5790 S 27TH ST
CONDO

5758 S 27TH ST
SLAVOMIR INVESTMENTS, INC.

5700 S 27TH ST
FUTURA III LLC

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	REMOVAL PLAN	SHEET 34	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\021004_RM.DWG
LAYOUT NAME - 021206_pd

PLOT DATE : 11/20/2024 3:00 PM PLOT BY : STRASSER, JEFFREY PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

2

EX. R/W

W. PARNELL AVE.

EX. R/W

5701 S 27TH ST

5701 INVESTMENT LLC

5655 S 27TH ST
SAMSON TRUSTS VENTURE
C/O GENERAL CAPITAL MGMT INC

N

APPROXIMATE LIMITS OF PAH AND LEAD CONTAMINATED SOILS FROM 1' BELOW GROUND SURFACE TO MAXIMUM DEPTH OF EXCAVATION

EX. R/W

TLE

EX. R/W

PAH-LEAD

STH 241 (S. 27TH ST.) SB

MATCH LINE 1138+00

1139+00

1141+00

1142+00

1143+00

MATCH LINE 1144+00

STH 241 (S. 27TH ST.) NB

EX. R/W

POST

EX. R/W

POOL

5700 S 27TH ST

FUTURA II LLC

5686 S 27TH ST

CONDO

W. PARNELL AVE.

EX. R/W

EX. R/W

LEGEND

- SAWING CONCRETE
- SAWING ASPHALT
- CLEARING & GRUBBING (INDIVIDUAL TREES)
- EXISTING DRAINAGE STRUCTURE TO BE REMOVED
- REMOVE STORM SEWER
- REMOVE PAVEMENT FOR BASE PATCH
- SLOPE INTERCEPT
- REMOVING CONCRETE PAVEMENT
- REMOVING CONCRETE SIDEWALK
- REMOVING ASPHALTIC SURFACE MILLING
- REMOVING ASPHALTIC SURFACE
- REMOVING CURB & GUTTER
- CONCRETE PAVEMENT REPAIR/REPLACEMENT

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	REMOVAL PLAN	SHEET 35	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\021004_RM.DWG
LAYOUT NAME - 021207_pd

PLOT DATE : 11/20/2024 3:00 PM PLOT BY : STRASSER, JEFFREY PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

2

LEGEND

- SAWING CONCRETE
- SAWING ASPHALT
- CLEARING & GRUBBING (INDIVIDUAL TREES)
- EXISTING DRAINAGE STRUCTURE TO BE REMOVED
- REMOVE STORM SEWER
- REMOVE PAVEMENT FOR BASE PATCH
- SLOPE INTERCEPT
- REMOVING CONCRETE PAVEMENT
- REMOVING CONCRETE SIDEWALK
- REMOVING ASPHALTIC SURFACE MILLING
- REMOVING ASPHALTIC SURFACE
- REMOVING CURB & GUTTER
- CONCRETE PAVEMENT REPAIR/REPLACEMENT

N

5575 S 27TH ST
JMR PROPERTIES IV LLC

5505 S 27TH ST
JMR PROPERTIES IV, LLC

SAMSON TRUSTS VENTURE
C/O GENERAL CAPITAL MGMT INC

EX. R/W

STH 241 (S. 27TH ST.) SB

MATCH LINE 1144+00

1145+00

1146+00

1147+00

1148+00

1149+00

MATCH LINE 1150+00

STH 241 (S. 27TH ST.) NB

EX. R/W

5686 S 27TH ST
CONDO

5572 S 27TH ST
JMR PROPERTIES IV LLC

5556 S 27TH ST
JOHN LATINOVICH

5546 S 27TH ST
IDENTICAL EAGLES LLC

5510 S 27TH ST
JMR PROPERTIES IV LLC

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	REMOVAL PLAN	SHEET 36	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\021004_RM.DWG
LAYOUT NAME - 021208_pd

PLOT DATE : 11/20/2024 3:00 PM PLOT BY : STRASSER, JEFFREY PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

2

LEGEND

- SAWING CONCRETE
- SAWING ASPHALT
- CLEARING & GRUBBING (INDIVIDUAL TREES)
- EXISTING DRAINAGE STRUCTURE TO BE REMOVED
- REMOVE STORM SEWER
- REMOVE PAVEMENT FOR BASE PATCH
- SLOPE INTERCEPT
- REMOVING CONCRETE PAVEMENT
- REMOVING CONCRETE SIDEWALK
- REMOVING ASPHALTIC SURFACE MILLING
- REMOVING ASPHALTIC SURFACE
- REMOVING CURB & GUTTER
- CONCRETE PAVEMENT REPAIR/REPLACEMENT

N

EX. R/W

W. GRANGE AVE.

EX. R/W

REMOVE PAVEMENT FOR BASEPATCH & CURB & GUTTER REMOVAL REQUIRED AT SIGNAL LOOP DETECTOR. SEE SIGNAL PLANS FOR LOCATION OF LOOP

2750 W GRANGE AVE

VIET HOA GREENFIELD LLC

5505 S 27TH ST

JMR PROPERTIES IV, LLC

EX. R/W

EX. R/W

STH 241 (S. 27TH ST.) SB

Pt: 1152+81.47

MATCH LINE 1150+00

1150+00

1151+00

1152+00

1153+00

1154+00

1155+00

1156

MATCH LINE 1156+00

SHOW SEC WISDOT PID 621143 NE 36-6-21

STH 241 (S. 27TH ST.) NB

414

EX. R/W

EX. R/W

REMOVE AND REPLACE DECORATIVE STONE MULCH

W. GRANGE AVE.

5510 S 27TH ST

JMR PROPERTIES IV LLC

5470 S 27TH ST

FRED W STORM, LLC

5460 S 27TH ST

HERRERA PROPERTIES LLC

5444 S 27TH ST

FRANCES M BANDE

PETROLEUM

REMOVE PAVEMENT FOR BASEPATCH & CURB & GUTTER REMOVAL REQUIRED AT SIGNAL LOOP DETECTOR. SEE SIGNAL PLANS FOR LOCATION OF LOOP

APPROXIMATE LIMITS OF PETROLEUM CONTAMINATED SOILS FROM 1' BELOW GROUND SURFACE TO MAXIMUM DEPTH OF EXCAVATION

EX. R/W

EX. R/W

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	REMOVAL PLAN	SHEET 37	E

LEGEND

- SAWING CONCRETE
- SAWING ASPHALT
- CLEARING & GRUBBING (INDIVIDUAL TREES)
- EXISTING DRAINAGE STRUCTURE TO BE REMOVED
- REMOVE STORM SEWER
- REMOVE PAVEMENT FOR BASE PATCH
- SLOPE INTERCEPT
- REMOVING CONCRETE PAVEMENT
- REMOVING CONCRETE SIDEWALK
- REMOVING ASPHALTIC SURFACE MILLING
- REMOVING ASPHALTIC SURFACE
- REMOVING CURB & GUTTER
- CONCRETE PAVEMENT REPAIR/REPLACEMENT

N

W. MALLORY AVE.

EX. R/W

EX. R/W

5415 S 27TH ST
DPMD LLC

5371 S 27TH ST
JAMES T GROH

5355 S 27TH ST
SAMMY'S AUTO CLASS, INC

2750 W GRANGE AVE
VIET HOA GREENFIELD LLC

REMOVE LANDSCAPE RETAINING WALL

REMOVE GUARDRAIL

REMOVE LANDSCAPE RETAINING WALL

TLE

TLE

EX. R/W

411

413

STH 241 (S. 27TH ST.) SB

STH 241 (S. 27TH ST.) NB

MATCH LINE 1156+00

1157+00

1158+00

1159+00

1160+00

1161+00

1162+00

MATCH LINE 1162+00

EX. R/W

EX. R/W

5430 S 27TH ST
JAVIC REALTY

5400 S 27TH ST
JAVIC REALTY PARTNERSHIP,A
WISC GEN PARTNERSHIP, C/O

5354 S 27TH ST
DITA INVESTMENTS LLC

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	REMOVAL PLAN	SHEET 38	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\021004_RM.DWG
LAYOUT NAME - 021210_pd

PLOT DATE : 11/20/2024 3:00 PM PLOT BY : STRASSER, JEFFREY PLOT NAME : PLOT SCALE : 1 IN:40 FT

LEGEND

- SAWING CONCRETE
- SAWING ASPHALT
- CLEARING & GRUBBING (INDIVIDUAL TREES)
- EXISTING DRAINAGE STRUCTURE TO BE REMOVED
- REMOVE STORM SEWER
- REMOVE PAVEMENT FOR BASE PATCH
- SLOPE INTERCEPT
- REMOVING CONCRETE PAVEMENT
- REMOVING CONCRETE SIDEWALK
- REMOVING ASPHALTIC SURFACE MILLING
- REMOVING ASPHALTIC SURFACE
- REMOVING CURB & GUTTER
- CONCRETE PAVEMENT REPAIR/REPLACEMENT

N

EX. R/W

EX. R/W

5301 S 27TH ST
JAMES LETIZIA

W. UPHAM AVE.

5265 S 27TH ST
RONALD H. & HARRIET A. CZERWINSKI FAMILY TRUST

5251 S 27TH ST
RONALD H. & HARRIET A. CZERWINSKI FAMILY TRUST

5341 S 27TH ST
5341 LLC

EX. R/W

EX. R/W

STH 241 (S. 27TH ST.) SB

STH 241 (S. 27TH ST.) SB

MATCH LINE 1162+00

1163+00

1164+00

1165+00

1166+00

1167+00

MATCH LINE 1168+00

STH 241 (S. 27TH ST.) NB

STH 241 (S. 27TH ST.) NB

FLAG

EX. R/W

EX. R/W

W. CLAYTON CREST AVE.

5354 S 27TH ST
DITA INVESTMENTS LLC

5306 S 27TH ST
S26TH STREET LLC

POST SUBSTATION

POST

5282 S 27TH ST
WISCONSIN ELECTRIC POWER CO
C/O REAL ESTATE DEPT

5252 S 27TH ST
JAMES M PETR

EX. R/W

EX. R/W

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	REMOVAL PLAN	SHEET 39	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\021004_RM.DWG
LAYOUT NAME - 021211_pd

PLOT DATE : 11/20/2024 3:01 PM PLOT BY : STRASSER, JEFFREY PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

LEGEND

- SAWING CONCRETE
- SAWING ASPHALT
- CLEARING & GRUBBING (INDIVIDUAL TREES)
- EXISTING DRAINAGE STRUCTURE TO BE REMOVED
- REMOVE STORM SEWER
- REMOVE PAVEMENT FOR BASE PATCH
- SLOPE INTERCEPT
- REMOVING CONCRETE PAVEMENT
- REMOVING CONCRETE SIDEWALK
- REMOVING ASPHALTIC SURFACE MILLING
- REMOVING ASPHALTIC SURFACE
- REMOVING CURB & GUTTER
- CONCRETE PAVEMENT REPAIR/REPLACEMENT

N

EX. R/W

W. ABBOTT AVE.

S 27TH ST
TED PARTNERSHIP

5207 S 27TH ST
ANTONIO RENTAS
RICARDA S RENTAS

5175 S 27TH ST
JAMES LETIZIA

5251 S 27TH ST RONALD H. &
HARRIET A. CZERWINSKI FAMILY
TRUST

POST

412

406

STH 241 (S. 27TH ST.) SB

STH 241 (S. 27TH ST.) NB

MATCH LINE 1168+00

1169+00

1170+00

1171+00

1172+00

1173+00

MATCH LINE 1174+00

PETROLEUM

APPROXIMATE LIMITS OF EXCAVATION, HAULING, AND DISPOSAL OF PETROLEUM CONTAMINATED SOILS FROM 1' BELOW GROUND SURFACE TO MAXIMUM DEPTH OF EXCAVATION

5252 S 27TH ST
JAMES M PETR

5236 S 27TH ST
NATIONAL REAL ESTATE
INVESTORS LLC

5220 S 27TH ST
ANGEL REAL ESTATE LLC

5208 S 27TH ST
JAMES T GROH

5150 S 27TH ST
EDWARD G ENNIS
& MARY T ENNIS HW

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	REMOVAL PLAN	SHEET 40	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\021004_RM.DWG
LAYOUT NAME - 021212_pd

PLOT DATE : 11/20/2024 3:01 PM PLOT BY : STRASSER, JEFFREY PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

5175 S 27TH ST
JAMES LETIZIA

5141 S 27TH ST
EDWARD ENNIS
MARY ENNIS

5101 S 27TH ST
OLD NATIONAL BANK

APPROXIMATE LIMITS OF PAH AND LEAD CONTAMINATED SOILS FROM 1' BELOW GROUND SURFACE TO 5' DEPTH

APPROXIMATE LIMITS OF PAH AND LEAD CONTAMINATED SOILS FROM 1' BELOW GROUND SURFACE TO MAXIMUM DEPTH OF EXCAVATION

EX. R/W

W. EDGERTON AVE.

STH 241 (S. 27TH ST.) SB

STH 241 (S. 27TH ST.) NB

PAH-LEAD

PI. 1179+33.47

SHOW SEC WISDOT PID 621130 E 25

PETROLEUM

APPROXIMATE LIMITS OF PETROLEUM CONTAMINATED SOILS FROM 1' BELOW GROUND SURFACE TO MAXIMUM DEPTH OF EXCAVATION

5150 S 27TH ST
EDWARD G ENNIS
& MARY T ENNIS HW

5114 S 27TH ST
INVESTMENTS REALTY LLC

MATCH LINE 1174+00

MATCH LINE 1180+00

1175+00 1176+00 1177+00 1178+00 1179+00

LEGEND

- SAWING CONCRETE
- SAWING ASPHALT
- CLEARING & GRUBBING (INDIVIDUAL TREES)
- EXISTING DRAINAGE STRUCTURE TO BE REMOVED
- REMOVE STORM SEWER
- REMOVE PAVEMENT FOR BASE PATCH
- SLOPE INTERCEPT
- REMOVING CONCRETE PAVEMENT
- REMOVING CONCRETE SIDEWALK
- REMOVING ASPHALTIC SURFACE MILLING
- REMOVING ASPHALTIC SURFACE
- REMOVING CURB & GUTTER
- CONCRETE PAVEMENT REPAIR/REPLACEMENT

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	REMOVAL PLAN	SHEET 41	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\021004_RM.DWG
LAYOUT NAME - 021213_pd

PLOT DATE : 11/20/2024 3:01 PM PLOT BY : STRASSER, JEFFREY PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

2

LEGEND

- YYYYYY SAWING CONCRETE
- XXXXXX SAWING ASPHALT
- X CLEARING & GRUBBING (INDIVIDUAL TREES)
- XX EXISTING DRAINAGE STRUCTURE TO BE REMOVED
- REMOVE STORM SEWER
- REMOVE PAVEMENT FOR BASE PATCH
- SLOPE INTERCEPT
- REMOVING CONCRETE PAVEMENT
- REMOVING CONCRETE SIDEWALK
- REMOVING ASPHALTIC SURFACE MILLING
- REMOVING ASPHALTIC SURFACE
- REMOVING CURB & GUTTER
- CONCRETE PAVEMENT REPAIR/REPLACEMENT

N

5051 S 27TH ST
HERRERA PROPERTIES, LLC

5033 S 27TH ST
JOHN T ALBANESE
JEANNE M ALBANESE

5029 S 27TH ST
AUTO ZONE INC

5077 S 27TH ST
TEAM R N' B WISCONSIN, LLC

EX. R/W

APPROXIMATE LIMITS OF PAH AND LEAD CONTAMINATED SOILS FROM 1' BELOW GROUND SURFACE TO 5' DEPTH

TLE

REMOVE LANDSCAPE RETAINING WALL STA. 1183+76 TO STA 1184+05

EX. R/W

STH 241 (S. 27TH ST.) SB

MATCH LINE 1180+00

1+00 1181+00 1182+00 1183+00 1184+00 1185+00 118

MATCH LINE 1186+00

6-21

STH 241 (S. 27TH ST.) NB

EX. R/W

EX. R/W

APPROXIMATE LIMITS OF PETROLEUM CONTAMINATED SOILS FROM 1' BELOW GROUND SURFACE TO MAXIMUM DEPTH OF EXCAVATION

FILLER CAP POST

POST

5072 S 27TH ST
KAMLESH CHAND LLC

5040 S 27TH ST
J M AUTO CARE LLC

5022 S 27TH ST
AZIZ KHOURY

5000 S 27TH ST
LYLE D MEYER
SUZANNE M MEYER

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	REMOVAL PLAN	SHEET 42	E

2

N

EX. R/W

EX. R/W

W. HOLMES AVE.

4969 S 27TH ST
AGYA P SIDHU

4955 S 27TH ST
AGYA PAUL P SIDHU

4931 S 27TH ST
LOTO INVESTMENTS LLC

4901 S 27TH ST
ROSS STEIN AND
MARSHA STEIN
REVOCABLE TRUST

U/C

FLAG

EX. R/W

EX. R/W

EX. R/W

STH 241 (S. 27TH ST.) SB

MATCH LINE 1186+00

1187+00

1188+00

1189+00

1190+00

1191+00

MATCH LINE 1192+00

STH 241 (S. 27TH ST.) NB

EX. R/W

4960 S 27TH ST
PHILIP J SANFILIPPO &
ELLEN SANFILIPPO

SALVAGE WHEEL STOPS

EX. R/W

POST

4950 S 27TH ST
SIGMA PROPERTIES INC
C/O PETER STAVROPOULOS

4924 S 27TH ST
JAMES LETIZIA

4918 S 27TH ST
NANCY FRITTER

4912 S 27TH ST
STEVE SIDELLO
JEFFREY R & JULIE A SIDELLO

4902 S 27TH ST
JAMES LETIZIA

LEGEND

- SAWING CONCRETE
- SAWING ASPHALT
- CLEARING & GRUBBING (INDIVIDUAL TREES)
- EXISTING DRAINAGE STRUCTURE TO BE REMOVED
- REMOVE STORM SEWER
- REMOVE PAVEMENT FOR BASE PATCH
- SLOPE INTERCEPT
- REMOVING CONCRETE PAVEMENT
- REMOVING CONCRETE SIDEWALK
- REMOVING ASPHALTIC SURFACE MILLING
- REMOVING ASPHALTIC SURFACE
- REMOVING CURB & GUTTER
- CONCRETE PAVEMENT REPAIR/REPLACEMENT

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	REMOVAL PLAN	SHEET 43	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\021004_RM.DWG
LAYOUT NAME - 021215_pd

PLOT DATE : 11/20/2024 3:01 PM PLOT BY : STRASSER, JEFFREY PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

2

4901 S 27TH ST
ROSS STEIN AND
MARSHA STEIN
REVOCABLE TRUST

4861 S 27TH ST
JMC PROPERTIES LOC110 LLC

4841 S 27TH ST
CARISCH BROTHERS LP

4839 S 27TH ST
SILLS GREENFIELD LLC

4777 S 27TH ST
MKB GREENFIELD LLC

EX. R/W

EX. R/W

STH 241 (S. 27TH ST.) SB

MATCH LINE 1192+00

1193+00

1194+00

1195+00

1196+00

1197+00

1198+00

MATCH LINE 1198+00

STH 241 (S. 27TH ST.) NB

EX. R/W

EX. R/W

EX. R/W

EX. R/W

W. CARPENTER AVE.

902 S 27TH ST
AMES LETIZIA

4866 S 27TH ST
BALHAIR S DULAI
JASBIR K DULAI

4858 S 27TH ST
ROBERT & SARAH BOSCHI TRUST
ROBERT BOSCHI

4810 S 27TH ST
DARROW FAMILY LTD
PARTNERSHIP

FILLER

LEGEND

- SAWING CONCRETE
- SAWING ASPHALT
- CLEARING & GRUBBING (INDIVIDUAL TREES)
- EXISTING DRAINAGE STRUCTURE TO BE REMOVED
- REMOVE STORM SEWER
- REMOVE PAVEMENT FOR BASE PATCH
- SLOPE INTERCEPT
- REMOVING CONCRETE PAVEMENT
- REMOVING CONCRETE SIDEWALK
- REMOVING ASPHALTIC SURFACE MILLING
- REMOVING ASPHALTIC SURFACE
- REMOVING CURB & GUTTER
- CONCRETE PAVEMENT REPAIR/REPLACEMENT

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	REMOVAL PLAN	SHEET 44	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\021004_RM.DWG
LAYOUT NAME - 021216_pd

PLOT DATE : 11/20/2024 3:01 PM PLOT BY : STRASSER, JEFFREY PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

2

4777 S 27TH ST
MKB GREENFIELD LLC

4763 S 27TH ST
LIMESTONE SON, LLC

APPROXIMATE LIMITS OF PAH AND LEAD CONTAMINATED SOILS FROM 1' BELOW GROUND SURFACE TO MAXIMUM DEPTH OF EXCAVATION

4739 S 27TH ST
TYMEK PROPERTIES LLC

4715 S 27TH ST
GREENFIELD BP LLC

N

EX. R/W

TLE

XXXXXX

XXXXXXX

PAH-LEAD

STH 241 (S. 27TH ST.) SB

STH 241 (S. 27TH ST.) NB

MATCH LINE 1198+00

1199+00

1200+00

1201+00

1202+00

1203+00

1204

MATCH LINE 1204+00

407

4730 S 27TH ST
REALTY INCOME PROPERTIES 31 LLC

4810 S 27TH ST
DARROW FAMILY LTD PARTNERSHIP

4770 S 27TH ST
FOREST PARK REAL ESTATE CO LLC

4762 S 27TH ST
HANG THI THUY TRAN

4756 S 27TH ST
SIK-TUNG NG
SIK-CHOU NG

W. BARNARD AVE.

LEGEND

- SAWING CONCRETE
- SAWING ASPHALT
- CLEARING & GRUBBING (INDIVIDUAL TREES)
- EXISTING DRAINAGE STRUCTURE TO BE REMOVED
- REMOVE STORM SEWER
- REMOVE PAVEMENT FOR BASE PATCH
- SLOPE INTERCEPT
- REMOVING CONCRETE PAVEMENT
- REMOVING CONCRETE SIDEWALK
- REMOVING ASPHALTIC SURFACE MILLING
- REMOVING ASPHALTIC SURFACE
- REMOVING CURB & GUTTER
- CONCRETE PAVEMENT REPAIR/REPLACEMENT

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	REMOVAL PLAN	SHEET 45	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\021004_RM.DWG
LAYOUT NAME - 021217_pd

PLOT DATE : 11/20/2024 3:01 PM PLOT BY : STRASSER, JEFFREY PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

APPROXIMATE LIMITS OF PAH AND LEAD CONTAMINATED SOILS FROM 1' BELOW GROUND SURFACE TO MAXIMUM DEPTH OF EXCAVATION

4715 S 27TH ST
GREENFIELD BP LLC
PETROLEUM

W. LAYTON AVE.

EX. R/W

TLE

FEE

REMOVE WOOD PLANTER

4691 S 27TH ST
TAJINDER SINGH

4671 S 27TH ST
FRED W STORM, LLC

4651 S 27TH ST
I INVESTMENTS, LLC

4661 S 27TH ST
FIRST-CITIZENS BANK & TRUST COMPANY

4595 S 27TH ST
AT HOME STORES, LLC

APPROXIMATE LIMITS OF PAH AND LEAD CONTAMINATED SOILS FROM 1' BELOW GROUND SURFACE TO MAXIMUM DEPTH OF EXCAVATION

PAH-LEAD

STH 241 (S. 27TH ST.) SB

STH 241 (S. 27TH ST.) NB

PI: 1205+83.64

MATCH LINE 1204+00

1205+00 1206+00 1207+00 1208+00 1209+00 1210+00

4730 S 27TH ST
REALTY INCOME PROPERTIES 31 LLC

4640 S 27TH ST
B&M LEASING LLP
PETROLEUM

APPROXIMATE LIMITS OF PETROLEUM CONTAMINATED SOILS FROM 1' BELOW GROUND SURFACE TO MAXIMUM DEPTH OF EXCAVATION

LEGEND

- SAWING CONCRETE
- SAWING ASPHALT
- CLEARING & GRUBBING (INDIVIDUAL TREES)
- EXISTING DRAINAGE STRUCTURE TO BE REMOVED
- REMOVE STORM SEWER
- REMOVE PAVEMENT FOR BASE PATCH
- SLOPE INTERCEPT
- REMOVING CONCRETE PAVEMENT
- REMOVING CONCRETE SIDEWALK
- REMOVING ASPHALTIC SURFACE MILLING
- REMOVING ASPHALTIC SURFACE
- REMOVING CURB & GUTTER
- CONCRETE PAVEMENT REPAIR/REPLACEMENT

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	REMOVAL PLAN	SHEET 46	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\021004_RM.DWG
LAYOUT NAME - 021218_pd
PLOT DATE : 11/20/2024 3:01 PM PLOT BY : STRASSER, JEFFREY PLOT NAME : PLOT SCALE : 1 IN:40 FT

LEGEND

- 30A — CONCRETE CURB AND GUTTER TYPE / SIZE (INCHES)
- PED — CONCRETE CURB PEDESTRIAN
- SN — CONCRETE MEDIAN SLOPED NOSE
- SW — CONCRETE SIDEWALK 5-INCH
- AS — ASPHALTIC SURFACE DRIVEWAY 4" HMA
- CONCRETE PAVEMENT REPAIR/REPLACEMENT
- PAV1 — 4" MILL & 4" HMA OVERLAY
- R1 — CURB RAMP TYPE
- DRW — CONCRETE DRIVEWAY 6-INCH HES
- BIOSWALES
- BASE PATCH
- CC — CONCRETE SIDEWALK 5-INCH COLORING CONCRETE WISDOT RED

N

6205 S 27TH ST
COLLEGE VENTURE JV LLC

6141 S 27TH ST
BOYLAND PROPERTIES GREENFIELD LLC

BEGIN CONSTRUCTION SB
STH 241
STA 1106+20
MATCH EXISTING
SAW CUT REQ'D

SLOPE INTERCEPT (TYP.)

EX. R/W

BEGIN PROJECT
STA. 1103+55.27
Y= 260477.79
X= 595293.08

STH 241 (S. 27TH ST.) SB

STH 241 (S. 27TH ST.) NB

1102+00 1103+00 1104+00 1105+00 1106+00 1107+00 1108+00

MATCH LINE 1108+00

BEGIN CONSTRUCTION NB
STH 241
STA 1103+55
MATCH EXISTING
SAW CUT REQ'D

PROPOSED BIO-SWALE #1
SEE CONSTRUCTION DETAILS
FOR MORE INFORMATION

6292 S 27TH ST
3LA PARTNERS, LLC

6260 S 27TH ST
ETD DEVELOPMENT LLC

6234 S 27TH ST
GERALD MATTHEW FELICIAN AND
MARY ANN FELICIAN JOINT

6218 S 27TH ST
ANTIC PROPERTIES LLC

6206 S 27TH ST
SALIM SHELLEH
AHMAD SHELLEH

2621 W MANGOLD AVE
SHARON L EINEICHNER-
BIEDENBENDER

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	PLAN DETAILS	SHEET 47	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\021201_PD.DWG
LAYOUT NAME - 021201_pd
PLOT DATE : 11/20/2024 3:02 PM PLOT BY : STRASSER, JEFFREY PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

POINT NUMBER	STATION	OFFSET	DESCRIPTION
1	1103+55.27	22.00' RT	SAWCUT, MATCH EXISTING, BEGIN PAV1
2	1103+56.01	61.97' RT	SAWCUT, MATCH EXISTING, BEGIN PAV1
3	1106+19.86	58.86' LT	SAWCUT, MATCH EXISTING, BEGIN PAV1
4	1106+20.57	9.39' LT	SAWCUT, MATCH EXISTING, BEGIN PAV1
5	1107+66.30	58.00' LT	70' RADIUS
6	1107+69.28	33.00' RT	55' RADIUS
7	1107+78.19	54.00' LT	SAWCUT, MATCH EXISTING, BEGIN CURB & GUTTER
8	1107+80.69	70.00' LT	BEGIN SIDEWALK
9	1107+80.69	70.13' RT	BEGIN SIDEWALK
10	1107+80.69	54.00' RT	SAWCUT, MATCH EXISTING, BEGIN CURB & GUTTER
11	1107+81.25	10.38' RT	SAWCUT, MATCH EXISTING, END CURB & GUTTER, END 70' RADIUS
12	1107+81.26	20.68' LT	SAWCUT, MATCH EXISTING, BEGIN CURB & GUTTER, BEGIN 55' RADIUS
13	1107+95.43	54.00' RT	BEGIN 26' RADIUS
14	1107+95.69	70.00' LT	END SIDEWALK
15	1108+16.87	54.00' LT	SAWCUT, MATCH EXISTING, END CURB & GUTTER
16	1107+96.82	4.99' RT	SAWCUT, MATCH EXISTING, BEGIN CURB & GUTTER, BEGIN 70' RADIUS
17	1107+97.00	14.51' LT	SAWCUT, MATCH EXISTING, END CURB & GUTTER, END 55' RADIUS

2

LEGEND

- 30A — CONCRETE CURB AND GUTTER TYPE / SIZE (INCHES)
- PED — CONCRETE CURB PEDESTRIAN
- SN — CONCRETE MEDIAN SLOPED NOSE
- SW — CONCRETE SIDEWALK 5-INCH
- AS — ASPHALTIC SURFACE DRIVEWAY 4" HMA
- CONCRETE PAVEMENT REPAIR/REPLACEMENT
- PAV1 — 4" MILL & 4" HMA OVERLAY
- R1 — CURB RAMP TYPE
- DRW — CONCRETE DRIVEWAY 6-INCH HES
- BIOSWALES
- BASE PATCH
- CC — CONCRETE SIDEWALK 5-INCH COLORING CONCRETE WISDOT RED

6133 S 27TH ST
6133 REAL ESTATE, LLC, A WISCONSIN LIMITED LIABILITY CO

6125 S 27TH ST
ROMINE'S HIGH POCKETS PROPERTY LLC

6101 S 27TH ST
MICHAEL G BORCHARDT
ARLENE BORCHARDT

6101 S 27TH ST
MICHAEL G BORCHARDT
ARLENE BORCHARDT

N

SLOPE INTERCEPT (TYP.)
EX. R/W
STH 241 (S. 27TH ST.) SB
STH 241 (S. 27TH ST.) NB
MATCH LINE 1108+00
MATCH LINE 1114+00
1109+00
1110+00
1111+00
1112+00
1113+00
42'
80'
35'
31'
34'
32'

6148 S 27TH ST
HEATHER D HACKBARTH

6142 S 27TH ST
STEVEN R SCHMIDT

6126 S 27TH ST
JOSEPH G RAKOWSKI
PATRICIA A RAKOWSKI

6112 S 27TH ST
REALTY INCOME CORPORATION
C/O MONRO, INC.

W. MANGOLD AVE.
W. KIMBERLY AVE.

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	PLAN DETAILS	SHEET 49	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\021201_PD.DWG
LAYOUT NAME - 021203_pd
PLOT DATE : 11/20/2024 3:02 PM
PLOT BY : STRASSER, JEFFREY
PLOT NAME :
PLOT SCALE : 1 IN:40 FT

POINT NUMBER	STATION	OFFSET	DESCRIPTION
25	1107+95.03	80.00' RT	26' RADIUS
26	1108+21.00	78.72' RT	END 26' RADIUS
27	1108+21.24	83.67' RT	SAWCUT, MATCH EXISTING, END CURB & GUTTER, END PAV1
28	1108+48.29	83.17' RT	SAWCUT, MATCH EXISTING, BEGIN CURB & GUTTER, BEGIN PAV1
29	1108+48.37	80.25' RT	BEGIN 27' RADIUS
30	1108+71.96	1.62' LT	BEGIN 65' RADIUS
31	1108+72.16	12.49' RT	END 65' RADIUS
32	1108+75.36	81.00' RT	27' RADIUS
33	1108+75.37	54.00' RT	END 27' RADIUS
34	1108+83.30	70.00' LT	BEGIN SIDEWALK
35	1108+63.31	53.98' LT	SAWCUT, MATCH EXISTING, BEGIN CURB & GUTTER
36	1108+97.85	21.49' RT	SAWCUT, MATCH EXISTING, BEGIN CURB & GUTTER. BEGIN 65' RADIUS
37	1108+97.85	11.33' LT	SAWCUT, MATCH EXISTING, END CURB & GUTTER. END 65' RADIUS
38	1108+98.11	70.30' RT	BEGIN SIDEWALK
39	1108+98.12	54.00' RT	SAWCUT, MATCH EXISTING, END CURB & GUTTER
40	1108+98.30	70.00' LT	END SIDEWALK
41	1109+00.54	54.00' LT	SAWCUT, MATCH EXISTING, END CURB & GUTTER
42	1109+06.03	42.99' LT	65' RADIUS
43	1109+07.19	53.00' RT	65' RADIUS
44	1112+34.66	12.00' RT	SAWCUT, MATCH EXISTING, END CURB & GUTTER
45	1112+34.84	22.00' LT	SAWCUT, MATCH EXISTING, BEGIN CURB & GUTTER
46	1112+47.34	12.00' RT	END 70' RADIUS
47	1112+47.34	53.00' LT	70' RADIUS
48	1112+47.52	48.00' RT	70' RADIUS
49	1112+47.52	22.00' LT	BEGIN 70' RADIUS
50	1112+60.78	53.83' RT	SAWCUT, MATCH EXISTING, BEGIN CURB & GUTTER, BEGIN 26' RADIUS
51	1112+60.81	79.83' RT	26' RADIUS
52	1112+64.19	70.01' LT	BEGIN SIDEWALK

POINT NUMBER	STATION	OFFSET	DESCRIPTION
53	1112+64.21	54.01' LT	SAWCUT, MATCH EXISTING, BEGIN CURB & GUTTER
54	1112+64.43	70.27' RT	BEGIN SIDEWALK
55	1112+79.19	69.95' LT	END SIDEWALK
56	1112+81.38	54.00' LT	SAWCUT, MATCH EXISTING, END CURB & GUTTER
57	1112+81.46	13.22' LT	END 70' RADIUS
58	1112+81.49	2.31' RT	BEGIN 70' RADIUS
59	1112+86.81	83.70' RT	SAWCUT, MATCH EXISTING, END CURB & GUTTER, END PAV1
60	1112+86.81	79.86' RT	END 26' RADIUS
61	1113+16.81	84.09' RT	SAWCUT, MATCH EXISTING, BEGIN CURB & GUTTER, BEGIN PAV1
62	1113+16.81	81.70' RT	BEGIN 27' RADIUS
63	1113+22.25	53.98' LT	SAWCUT, MATCH EXISTING, BEGIN CURB & GUTTER
64	1113+42.24	5.89' LT	SAWCUT, MATCH EXISTING, END CURB & GUTTER, END 65' RADIUS
65	1113+42.33	16.56' RT	SAWCUT, MATCH EXISTING, BEGIN CURB & GUTTER, BEGIN 60' RADIUS
66	1113+43.21	69.96' LT	SAWCUT, MATCH EXISTING, BEGIN SIDEWALK
67	1113+43.84	54.00' RT	END 27' RADIUS
68	1113+43.84	81.00' RT	27' RADIUS
69	1113+57.85	10.87' LT	SAWCUT, MATCH EXISTING, BEGIN CURB & GUTTER, BEGIN 65' RADIUS
70	1113+58.41	54.00' RT	SAWCUT, MATCH EXISTING, END CURB & GUTTER
71	1113+60.36	53.99' LT	SAWCUT, MATCH EXISTING, END CURB & GUTTER
72	1113+67.47	37.94' LT	60' RADIUS
73	1113+67.58	22.06' RT	END 60' RADIUS
74	1113+69.64	53.05' RT	65' RADIUS
75	1113+75.64	21.42' RT	SAWCUT, MATCH EXISTING, END CURB & GUTTER
76	1113+91.45	70.02' RT	BEGIN SIDEWALK

2

2

LEGEND

- 30A — CONCRETE CURB AND GUTTER TYPE SIZE (INCHES)
- PED — CONCRETE CURB PEDESTRIAN
- SN — CONCRETE MEDIAN SLOPED NOSE
- SW — CONCRETE SIDEWALK 5-INCH
- AS — ASPHALTIC SURFACE DRIVEWAY 4" HMA
- CONCRETE PAVEMENT REPAIR/REPLACEMENT
- PAV1 — 4" MILL & 4" HMA OVERLAY
- R1 — CURB RAMP TYPE
- DRW — CONCRETE DRIVEWAY 6-INCH HES
- BIOSWALES
- BASE PATCH
- CC — CONCRETE SIDEWALK 5-INCH COLORING CONCRETE WISDOT RED

N

S. HONEYCREEK DR.

6061 S 27TH ST
MICHAEL G. BORCHARDT FAMILY TRUST
ARLENE F. BORCHARDT FAMILY TRUST
DATED 2/3/2012

6025 S 27TH ST
OUR FATHERS EV LUTHERAN CHURCH

6015 S 27TH ST
MICHAEL G. BORCHARDT FAMILY TRUST
ARLENE F. BORCHARDT FAMILY TRUST DATED 2/3/2012

6011 S 27TH ST
HARMONY FOUNDATION INC.

6001 S 27TH ST
DURA SERVICE LLC
JAMAL M AMRO

EX. R/W

SLOPE INTERCEPT (TYP.)

STH 241 (S. 27TH ST.) SB

STH 241 (S. 27TH ST.) NB

MATCH LINE 1114+00

1115+00

1116+00

1117+00

1118+00

1119+00

MATCH LINE 1120+00

42'

80'

32'

34'

35'

PROPOSED BIO-SWALE #2
SEE CONSTRUCTION DETAILS
FOR MORE INFORMATION

PROPOSED BIO-SWALE #3
SEE CONSTRUCTION DETAILS
FOR MORE INFORMATION

PROPOSED BIO-SWALE #4
SEE CONSTRUCTION DETAILS
FOR MORE INFORMATION

6080 S 27TH ST
JEROME J & MARIANNE L
KLECZKA FAMILY TRUST

6050 S 27TH ST
CLARENCE F HARTWIG JR
TRUSTEE CLARENCE F HARTWIG

6044 S 27TH ST
CLARENCE F HARTWIG JR
TRUSTEE CLARENCE F HARTWIG

6036 S 27TH ST
CLARENCE F HARTWIG JR
TRUSTEE CLARENCE F HARTWIG

6020 S 27TH ST
JAMES A KUPFER

6010 S 27TH ST
WISCONSIN REVOCABLE LIVING T

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	PLAN DETAILS	SHEET 51	E

2

POINT NUMBER	STATION	OFFSET	DESCRIPTION
85	1114+06.21	70.03' LT	END SIDEWALK
86	1115+75.43	91.68' LT	62' RADIUS
87	1115+76.33	52.50' LT	65' RADIUS
88	1115+79.11	43.00' RT	65' RADIUS
89	1115+80.12	53.87' RT	SAWCUT, MATCH EXISTING, BEGIN CURB & GUTTER
90	1115+80.33	54.01' LT	SAWCUT, MATCH EXISTING, BEGIN CURB & GUTTER
91	1115+81.32	21.96' LT	SAWCUT, MATCH EXISTING, BEGIN CURB & GUTTER, BEGIN 65' RADIUS
92	1115+81.60	70.35' RT	BEGIN SIDEWALK
93	1115+81.77	70.27' LT	BEGIN SIDEWALK
94	1115+82.61	12.20' RT	SAWCUT, MATCH EXISTING, END CURB & GUTTER, END 65' RADIUS
95	1115+94.18	10.00' RT	SAWCUT, MATCH EXISTING, BEGIN CURB & GUTTER, BEGIN 65' RADIUS
96	1115+94.21	20.22' LT	SAWCUT, MATCH EXISTING, END CURB & GUTTER, END 65' RADIUS
97	1115+96.60	70.37' RT	END SIDEWALK
98	1115+96.77	70.26' LT	END SIDEWALK
99	1115+98.12	53.88' RT	SAWCUT, MATCH EXISTING, END CURB & GUTTER
100	1115+98.17	54.00' LT	SAWCUT, MATCH EXISTING, END CURB & GUTTER
101	1116+19.79	70.23' LT	BEGIN SIDEWALK
103	1116+31.84	66.03' LT	SAWCUT, MATCH EXISTING, END CURB & GUTTER, END 62' RADIUS
105	1116+34.29	80.11' LT	BEGIN PAV1
106	1116+36.16	79.17' LT	SAWCUT, MATCH EXISTING, BEGIN CURB & GUTTER, BEGIN 62' RADIUS
107	1116+67.87	79.61' LT	SAWCUT, MATCH EXISTING, BEGIN CURB & GUTTER, BEGIN PAV 1
108	1116+68.03	78.26' LT	BEGIN 28' RADIUS
109	1116+73.86	53.94' RT	SAWCUT, MATCH EXISTING, BEGIN CURB & GUTTER
110	1116+88.42	70.15' LT	BEGIN SIDEWALK
111	1116+91.70	53.96' RT	SAWCUT, MATCH EXISTING, END CURB & GUTTER
112	1116+92.19	53.76' LT	SAWCUT, MATCH EXISTING, END CURB & GUTTER, END 28' RADIUS
113	1116+95.84	81.53' LT	28' RADIUS

2

LEGEND

- 30A — CONCRETE CURB AND GUTTER TYPE / SIZE (INCHES)
- PED — CONCRETE CURB PEDESTRIAN
- SN — CONCRETE MEDIAN SLOPED NOSE
- SW — CONCRETE SIDEWALK 5-INCH
- AS — ASPHALTIC SURFACE DRIVEWAY 4" HMA
- CONCRETE PAVEMENT REPAIR/REPLACEMENT
- PAV1 — 4" MILL & 4" HMA OVERLAY
- R1 — CURB RAMP TYPE
- DRW — CONCRETE DRIVEWAY 6-INCH HES
- BIOSWALES
- BASE PATCH
- CC — CONCRETE SIDEWALK 5-INCH COLORING CONCRETE WISDOT RED

5949 S 27TH ST
JOSEPH C FUCHS

5945 S 27TH ST
MUHAMMAD N CHOUDRY
ZAHIDA CHOUDRY

5909 S 27TH ST
ALI'S OIL CO INC

5981 S 27TH ST
PAHLVAN LLC

EX. R/W

STH 241 (S. 27TH ST.) SB

STH 241 (S. 27TH ST.) NB

MATCH LINE 1120+00

MATCH LINE 1126+00

1121+00 1122+00 1123+00 1124+00 1125+00

80'

32'

11'

19'

14'

SLOPE INTERCEPT (TYP.)

MILL THROUGH EXISTING CONCRETE BUS PAD

PROPOSED BIO-SWALE #5
SEE CONSTRUCTION DETAILS FOR MORE INFORMATION

PROPOSED BIO-SWALE #6
SEE CONSTRUCTION DETAILS FOR MORE INFORMATION

6010 S 27TH ST
WISCONSIN REVOCABLE LIVING T

6000 S 27TH ST
SHERGILL INVESTMENT GROUP LL

5954 S 27TH ST
NICOLE J MARTIN

5944 S 27TH ST
CONDO

5928 S 27TH ST
DRS INV MD LLC
C/O ROBYN KRIMKE

5912 S 27TH ST
N & N REAL ESTATE LLC

5900 S 27TH ST
N & N REAL ESTATE LLC

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	PLAN DETAILS	SHEET 53	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\021201_PD.DWG
LAYOUT NAME - 021207_pd
PLOT DATE : 11/20/2024 3:02 PM
PLOT BY : STRASSER, JEFFREY
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

POINT NUMBER	STATION	OFFSET	DESCRIPTION
120	1125+46.78	70.21' RT	BEGIN SIDEWALK
121	1125+59.50	10.92' LT	SAWCUT, MATCH EXISTING, BEGIN CURB & GUTTER
122	1125+59.73	21.99' LT	SAWCUT, MATCH EXISTING, END CURB & GUTTER
123	1125+60.44	22.00' LT	END 75' RADIUS
124	1125+61.54	52.99' RT	75' RADIUS
125	1125+62.59	11.00' LT	BEGIN 75' RADIUS
126	1125+62.59	86.00' LT	75' RADIUS
127	1125+75.23	70.26' LT	BEGIN SIDEWALK
128	1125+83.53	13.98' LT	END 75' RADIUS
129	1125+83.53	18.71' LT	BEGIN 75' RADIUS
130	1125+94.13	54.16' RT	SAWCUT, MATCH EXISTING, BEGIN CURB & GUTTER, BEGIN 28' RADIUS
131	1125+94.16	54.54' LT	SAWCUT, MATCH EXISTING, BEGIN CURB & GUTTER, BEGIN 30' RADIUS
132	1125+94.87	72.36' LT	SIDEWALK PI
133	1125+95.30	22.00' RT	SAWCUT, MATCH EXISTING, END CURB & GUTTER
134	1125+95.42	3.00' RT	SAWCUT, MATCH EXISTING, END CURB & GUTTER
135	1125+97.45	75.30' RT	SIDEWALK PI

2

2730 W RAMSEY AVE
EHF MAPLE RIDGE RE LLC
C/O ALTUS GROUP US INC`

W. RAMSEY AVE.

EX. R/W

5839 S 27TH ST
JMR PROPERTIES IV, LLC

5819 S 27TH ST
JMR PROPERTIES IV, LLC

5801 S 27TH ST
THE 12TH MAN LLC

5791 S 27TH ST
THE 14TH MAN LLC

LEGEND

- 30A — CONCRETE CURB AND GUTTER TYPE / SIZE (INCHES)
- PED — CONCRETE CURB PEDESTRIAN
- SN — CONCRETE MEDIAN SLOPED NOSE
- SW — CONCRETE SIDEWALK 5-INCH
- AS — ASPHALTIC SURFACE DRIVEWAY 4" HMA
- CONCRETE PAVEMENT REPAIR/REPLACEMENT
- PAV1 — 4" MILL & 4" HMA OVERLAY
- R1 — CURB RAMP TYPE
- DRW — CONCRETE DRIVEWAY 6-INCH HES
- BIOSWALES
- BASE PATCH
- CC — CONCRETE SIDEWALK 5-INCH COLORING CONCRETE WISDOT RED

N

SLOPE INTERCEPT (TYP.)

STH 241 (S. 27TH ST.) SB

STH 241 (S. 27TH ST.) NB

MILL THROUGH EXISTING CONCRETE BUS PAD

SECTION CORNER DO NOT DISTURB

PI: 1126+40.88

MATCH LINE 1126+00

MATCH LINE 1132+00

1127+00 1128+00 1129+00 1130+00 1131+00

EX. R/W

SLOPE INTERCEPT (TYP.)

5890 S 27TH ST
ARCHLAND PROPERTY I LLC
DBA MCDONALD'S ON S 27TH

5848 S 27TH ST
TWO 7-WINS, LLC

5798 S 27TH ST
INNA POLAK
MAREK POLAK

5794 S 27TH ST
THOMAS GEORGE HARMON &
WILLIAM G HARMON SURVIVOR'S

W. GOLDCREST AVE.

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	PLAN DETAILS	SHEET 55	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\021201_PD.DWG
LAYOUT NAME - 021209_pd
PLOT DATE : 11/20/2024 3:03 PM PLOT BY : STRASSER, JEFFREY PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

POINT NUMBER	STATION	OFFSET	DESCRIPTION
145	1125+89.59	84.19' LT	30' RADIUS
146	1125+91.92	82.07' RT	28' RADIUS
147	1126+03.32	95.23' RT	BEGIN SIDEWALK
148	1126+03.30	22.00' RT	SAWCUT, MATCH EXISTING, BEGIN CURB & GUTTER
149	1126+03.42	3.00' RT	SAWCUT, MATCH EXISTING, BEGIN CURB & GUTTER
150	1126+07.82	87.65' LT	BEGIN SIDEWALK
151	1126+19.07	140.11' LT	END PAV1
152	1126+19.35	80.36' LT	SAWCUT, MATCH EXISTING, END CURB & GUTTER, END 30' RADIUS
153	1126+19.88	80.46' RT	SAWCUT, MATCH EXISTING, END CURB & GUTTER, END 28' RADIUS
154	1126+19.96	84.80' RT	END PAV1
155	1126+59.13	140.81' LT	BEGIN PAV1
156	1126+61.94	80.74' LT	SAWCUT, MATCH EXISTING, BEGIN CURB & GUTTER
157	1126+62.03	78.14' LT	BEGIN 26' RADIUS
158	1126+64.35	84.35' RT	BEGIN PAV1
159	1126+64.40	80.17' RT	SAWCUT, MATCH EXISTING, BEGIN CURB & GUTTER, BEGIN 26' RADIUS
160	1126+75.42	20.00' LT	SAWCUT, MATCH EXISTING, END CURB & GUTTER
161	1126+75.66	5.00' LT	SAWCUT, MATCH EXISTING, BEGIN CURB & GUTTER
162	1126+78.13	79.88' LT	BEGIN SIDEWALK
163	1126+81.58	93.40' RT	BEGIN SIDEWALK
164	1126+86.51	54.00' LT	END 26' RADIUS
165	1126+86.83	20.00' LT	SAWCUT, MATCH EXISTING, BEGIN CURB & GUTTER
166	1126+87.13	5.00' LT	SAWCUT, MATCH EXISTING, END CURB & GUTTER
167	1126+89.82	54.00' LT	SAWCUT, MATCH EXISTING, END CURB & GUTTER
168	1126+90.40	80.00' RT	26' RADIUS
169	1126+90.40	54.00' RT	SAWCUT, MATCH EXISTING, END CURB & GUTTER, END 26' RADIUS
170	1126+96.12	70.00' RT	BEGIN SIDEWALK
171	1127+05.68	103.89' LT	26' RADIUS
172	1127+38.33	70.12' LT	END SIDEWALK
173	1127+92.30	5.00' LT	SAWCUT, MATCH EXISTING, END CURB & GUTTER, END 7.5' RADIUS

POINT NUMBER	STATION	OFFSET	DESCRIPTION
174	1127+92.30	20.00' LT	SAWCUT, MATCH EXISTING, BEGIN CURB & GUTTER, BEGIN 7.5' RADIUS
175	1127+92.30	12.50' LT	7.5' RADIUS
176	1129+84.94	63.00' LT	75' RADIUS
177	1129+94.12	22.00' LT	SAWCUT, MATCH EXISTING, END CURB & GUTTER, END 40' RADIUS
178	1129+94.12	18.00' RT	40' RADIUS
179	1129+94.16	70.14' RT	BEGIN SIDEWALK
180	1129+94.16	54.00' RT	SAWCUT, MATCH EXISTING, BEGIN CURB & GUTTER
181	1129+94.16	69.87' LT	BEGIN SIDEWALK
182	1129+94.16	54.00' LT	SAWCUT, MATCH EXISTING, BEGIN CURB & GUTTER
183	1129+94.49	11.39' RT	SAWCUT, MATCH EXISTING, BEGIN CURB & GUTTER, BEGIN 75' RADIUS
184	1130+08.44	8.22' RT	SAWCUT, MATCH EXISTING, END CURB & GUTTER, END 75' RADIUS
185	1130+08.59	19.29' LT	SAWCUT, MATCH EXISTING, BEGIN CURB & GUTTER, BEGIN 40' RADIUS
186	1130+09.16	70.13' RT	END SIDEWALK
187	1130+09.16	69.87' LT	END SIDEWALK
188	1130+09.16	54.00' LT	SAWCUT, MATCH EXISTING, END CURB & GUTTER
189	1130+13.15	82.00' RT	28' RADIUS
190	1130+14.94	54.06' RT	BEGIN 28' RADIUS
191	1130+24.34	70.12' RT	BEGIN SIDEWALK
192	1130+41.02	79.24' RT	SAWCUT, MATCH EXISTING, END CURB & GUTTER. END 28' RADIUS
193	1130+41.28	87.83' RT	END PAV1
194	1130+68.12	80.85' RT	SAWCUT, MATCH EXISTING, BEGIN CURB & GUTTER, BEGIN 28' RADIUS
195	1130+68.20	87.30' RT	BEGIN PAV 1
196	1130+72.53	54.00' LT	SAWCUT, MATCH EXISTING, BEGIN CURB & GUTTER
197	1130+90.56	54.55' RT	SAWCUT, MATCH EXISTING, END CURB & GUTTER, END 28' RADIUS
198	1131+24.34	54.00' LT	SAWCUT, MATCH EXISTING, END CURB & GUTTER
199	1130+95.10	69.85' RT	BEGIN SIDEWALK
200	1130+96.10	82.00' RT	28' RADIUS

2

2

LEGEND

- 30A — CONCRETE CURB AND GUTTER TYPE / SIZE (INCHES)
- PED — CONCRETE CURB PEDESTRIAN
- SN — CONCRETE MEDIAN SLOPED NOSE
- SW — CONCRETE SIDEWALK 5-INCH
- AS — ASPHALTIC SURFACE DRIVEWAY 4" HMA
- CONCRETE PAVEMENT REPAIR/REPLACEMENT
- PAV1 — 4" MILL & 4" HMA OVERLAY
- R1 — CURB RAMP TYPE
- DRW — CONCRETE DRIVEWAY 6-INCH HES
- BIOSWALES
- BASE PATCH
- CC — CONCRETE SIDEWALK 5-INCH COLORING CONCRETE WISDOT RED

N

5727 S 27TH ST
JACOBS REALTY LTD PTNRSHP

~~5777 S 27TH ST~~
JACOBS REALTY LTD PTNRSHP

5791 S 27TH ST
THE 14TH MAN LLC

EX. R/W

STH 241 (S. 27TH ST.) SB

32'

80'

34'

42'

STH 241 (S. 27TH ST.) NB

MATCH LINE 1132+00

1133+00

1134+00

1135+00

1136+00

1137+00

MATCH LINE 1138+00

5794 S 27TH
ST THOMAS GEORGE HARMON &
WILLIAM G HARMON SURVIVOR'S

5790 S 27TH ST
CONDO

5758 S 27TH ST
SLAVOMIR INVESTMENTS, INC.

5700 S 27TH ST
FUTURA III LLC

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	PLAN DETAILS	SHEET 57	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\021201_PD.DWG
LAYOUT NAME - 021211_pd

PLOT DATE : 11/20/2024 3:03 PM PLOT BY : STRASSER, JEFFREY PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

2

N

5701 S 27TH ST
5701 INVESTMENT LLC

5655 S 27TH ST
SAMSON TRUSTS VENTURE
C/O GENERAL CAPITAL MGMT INC

W. PARNELL AVE.

EX. R/W

STH 241 (S. 27TH ST.) SB

STH 241 (S. 27TH ST.) NB

MATCH LINE 1138+00

MATCH LINE 1144+00

1139+00

1140+00

1141+00

1142+00

1143+00

SLOPE INTERCEPT (TYP.)

MILL THROUGH EXISTING CONCRETE BUS PAD

5700 S 27TH ST
FUTURA HILLLC

5686 S 27TH ST
CONDO

LEGEND

30A	CONCRETE CURB AND GUTTER TYPE SIZE (INCHES)
PED	CONCRETE CURB PEDESTRIAN
SN	CONCRETE MEDIAN SLOPED NOSE
SW	CONCRETE SIDEWALK 5-INCH
AS	ASPHALTIC SURFACE DRIVEWAY 4" HMA
	CONCRETE PAVEMENT REPAIR/REPLACEMENT
PAV1	4" MILL & 4" HMA OVERLAY
R1	CURB RAMP TYPE
DRW	CONCRETE DRIVEWAY 6-INCH HES
	BIOSWALES
	BASE PATCH
CC	CONCRETE SIDEWALK 5-INCH COLORING CONCRETE WISDOT RED

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	PLAN DETAILS	SHEET 58	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\021201_PD.DWG
LAYOUT NAME - 021212_pd

PLOT DATE : 11/20/2024 3:03 PM PLOT BY : STRASSER, JEFFREY PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

2

5701 S 27TH ST
5701 INVESTMENT LLC

5655 S 27TH ST
SAMSON TRUSTS VENTURE
C/O GENERAL CAPITAL MGMT INC

N

EX. R/W

W. PARNELL AVE.

EX. R/W

STH 241 (S. 27TH ST.) SB

STH 241 (S. 27TH ST.) NB

MATCH LINE 1138+00

MATCH LINE 1144+00

1139+00

1140+00

1141+00

1142+00

1143+00

SLOPE INTERCEPT (TYP.)

MILL THROUGH EXISTING CONCRETE BUS PAD

5700 S 27TH ST
FUTURA HILLLC

5686 S 27TH ST
CONDO

LEGEND

30A	CONCRETE CURB AND GUTTER TYPE SIZE (INCHES)
PED	CONCRETE CURB PEDESTRIAN
SN	CONCRETE MEDIAN SLOPED NOSE
SW	CONCRETE SIDEWALK 5-INCH
AS	ASPHALTIC SURFACE DRIVEWAY 4" HMA
	CONCRETE PAVEMENT REPAIR/REPLACEMENT
PAV1	4" MILL & 4" HMA OVERLAY
R1	CURB RAMP TYPE
DRW	CONCRETE DRIVEWAY 6-INCH HES
	BIOSWALES
	BASE PATCH
CC	CONCRETE SIDEWALK 5-INCH COLORING CONCRETE WISDOT RED

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	PLAN DETAILS	SHEET 59	E

POINT NUMBER	STATION	OFFSET	DESCRIPTION
210	1138+64.78	70.21' RT	BEGIN SIDEWALK
211	1139+13.81	82.00' LT	28' RADIUS
212	1139+14.89	54.02' LT	SAWCUT, MATCH EXISTING, BEGIN CURB & GUTTER. BEGIN 28' RADIUS
213	1139+15.30	69.65' LT	BEGIN SIDEWALK
214	1139+16.38	83.99' RT	30' RADIUS
216	1139+17.94	54.04' RT	SAWCUT, MATCH EXISTING, BEGIN CURB & GUTTER, BEGIN 30' RADIUS
217	1139+21.31	3.00' RT	SAWCUT, MATCH EXISTING, BEGIN CURB & GUTTER
218	1139+21.45	22.00' RT	SAWCUT, MATCH EXISTING, END CURB & GUTTER
219	1139+26.01	79.66' LT	BEGIN SIDEWALK
220	1139+26.81	22.00' RT	END 9.5' RADIUS
221	1139+26.81	3.00' RT	BEGIN 9.5' RADIUS
222	1139+26.81	12.50' RT	9.5' RADIUS
223	1139+27.32	3.02' RT	SAWCUT, MATCH EXISTING, END CURB & GUTTER, END 9.5' RADIUS
224	1139+27.47	21.98' RT	SAWCUT, MATCH EXISTING, BEGIN CURB & GUTTER, BEGIN 9.5' RADIUS
225	1139+33.07	80.11' RT	SIDEWALK PI
226	1139+39.32	93.08' RT	BEGIN SIDEWALK
227	1139+39.72	88.09' RT	SIDEWALK PI
228	1139+40.92	134.87' LT	END PAV1
229	1139+41.65	84.97' LT	SAWCUT, MATCH EXISTING, END CURB & GUTTER, END 28' RADIUS
230	1139+46.42	87.13' RT	SAWCUT, MATCH EXISTING, END CURB & GUTTER, END 30' RADIUS
231	1139+46.91	134.68' RT	END PAV1
232	1139+76.72	135.58' LT	BEGIN PAV1
233	1139+77.52	81.09' LT	SAWCUT, MATCH EXISTING, BEGIN CURB & GUTTER
234	1139+77.55	79.48' LT	BEGIN 26' RADIUS

POINT NUMBER	STATION	OFFSET	DESCRIPTION
235	1139+78.17	90.22' RT	SAWCUT, MATCH EXISTING, BEGIN CURB & GUTTER, BEGIN 28' RADIUS
236	1139+78.73	134.36' RT	BEGIN PAV1
237	1139+86.15	94.98' RT	BEGIN SIDEWALK
238	1139+90.89	21.92' LT	SAWCUT, MATCH EXISTING, END CURB & GUTTER, END 9.5' RADIUS
239	1139+91.14	3.05' LT	SAWCUT, MATCH EXISTING, BEGIN CURB & GUTTER, BEGIN 9.5' RADIUS
240	1139+92.12	3.00' LT	END 9.5' RADIUS
241	1139+92.12	22.00' LT	BEGIN 9.5' RADIUS
242	1139+92.12	12.50' LT	9.5' RADIUS
243	1140+00.89	22.00' LT	SAWCUT, MATCH EXISTING, BEGIN CURB & GUTTER
244	1140+01.14	3.00' LT	SAWCUT, MATCH EXISTING, END CURB & GUTTER
245	1140+11.52	54.10' RT	SAWCUT, MATCH EXISTING, END CURB & GUTTER, END 28' RADIUS
246	1140+02.27	54.03' LT	SAWCUT, MATCH EXISTING, END CURB & GUTTER, END 26' RADIUS
247	1140+03.55	80.00' LT	26' RADIUS
248	1140+06.07	82.00' RT	28' RADIUS
249	1140+14.63	69.91' RT	END SIDEWALK
250	1140+60.85	69.95' LT	BEGIN SIDEWALK
251	1143+10.12	54.00' RT	SAWCUT, MATCH EXISTING, BEGIN CURB & GUTTER
252	1143+39.89	54.00' RT	SAWCUT, MATCH EXISTING, END CURB & GUTTER
367	1139+92.60	79.70' LT	Detail Sheets

2

LEGEND

- 30A — CONCRETE CURB AND GUTTER, TYPE, SIZE (INCHES)
- PED — CONCRETE CURB PEDESTRIAN
- SN — CONCRETE MEDIAN SLOPED NOSE
- SW — CONCRETE SIDEWALK 5-INCH
- AS — ASPHALTIC SURFACE DRIVEWAY 4" HMA
- CONCRETE PAVEMENT REPAIR/REPLACEMENT
- PAV1 — 4" MILL & 4" HMA OVERLAY
- R1 — CURB RAMP, TYPE
- DRW — CONCRETE DRIVEWAY 6-INCH HES
- BIOSWALES
- BASE PATCH
- CC — CONCRETE SIDEWALK 5-INCH COLORING CONCRETE WISDOT RED

N

5575 S 27TH ST
JMR PROPERTIES IV LLC

5505 S 27TH ST
JMR PROPERTIES IV, LLC

5655 S 27TH ST
SAMSON TRUSTS VENTURE
C/O GENERAL CAPITAL MGMT INC

EX. R/W

STH 241 (S. 27TH ST.) SB

MATCH LINE 1144+00

1145+00

1146+00

1147+00

1148+00

1149+00

MATCH LINE 1150+00

42'

80'

32'

18'

14'

13'

PAV1

31

STH 241 (S. 27TH ST.) NB

32'

80'

31'

261

260

31

PAV1

PAV1

EX. R/W

EX. R/W

5686 S 27TH ST
CONDO

5572 S 27TH ST
JMR PROPERTIES IV LLC

5556 S 27TH ST
JOHN LATINOVICH

5546 S 27TH ST
IDENTICAL EAGLES LLC

5510 S 27TH ST
JMR PROPERTIES IV LLC

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	PLAN DETAILS	SHEET 61	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\021201_PD.DWG
LAYOUT NAME - 021214_pd

PLOT DATE : 11/20/2024 3:03 PM PLOT BY : STRASSER, JEFFREY PLOT NAME : PLOT SCALE : 1 IN:40 FT

POINT NUMBER	STATION	OFFSET	DESCRIPTION
260	1147+36.17	54.00' RT	SAWCUT, MATCH EXISTING, BEGIN CURB & GUTTER
261	1147+68.06	54.00' RT	SAWCUT, MATCH EXISTING, END CURB & GUTTER

2

LEGEND

- 30A — CONCRETE CURB AND GUTTER TYPE / SIZE (INCHES)
- PED — CONCRETE CURB PEDESTRIAN
- SN — CONCRETE MEDIAN SLOPED NOSE
- SW — CONCRETE SIDEWALK 5-INCH
- AS — ASPHALTIC SURFACE DRIVEWAY 4" HMA
- CONCRETE PAVEMENT REPAIR/REPLACEMENT
- PAV1 — 4" MILL & 4" HMA OVERLAY
- R1 — CURB RAMP TYPE
- DRW — CONCRETE DRIVEWAY 6-INCH HES
- BIOSWALES
- BASE PATCH
- CC — CONCRETE SIDEWALK 5-INCH COLORING CONCRETE WISDOT RED

N

2750 W GRANGE AVE
VIET HOA GREENFIELD LLC

5505 S 27TH ST
JMR PROPERTIES IV, LLC

5510 S 27TH ST
JMR PROPERTIES IV LLC

5470 S 27TH ST
FRED W STORM, LLC

5460 S 27TH ST
HERRERA PROPERTIES LLC

5444 S 27TH ST
FRANCES M BANDE

W. GRANGE AVE.

STH 241 (S. 27TH ST.) SB

STH 241 (S. 27TH ST.) NB

EX. R/W

MATCH LINE 1150+00

MATCH LINE 1156+00

1151+00 1152+00 1153+00 1154+00 1155+00

PI: 1152+81.47

BASEPATCH & C&G REQUIRED AT SIGNAL LOOP DETECTOR. SEE SIGNAL PLANS FOR LOCATION OF LOOP

SLOPE INTERCEPT (TYP.)

EXISTING CONCRETE CROSS WALKS TO REMAIN

SECTION CORNER DO NOT DISTURB

EXISTING CONCRETE BUS PAD TO REMAIN

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	PLAN DETAILS	SHEET 63	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\021201_PD.DWG
LAYOUT NAME - 021216_pd
PLOT DATE : 11/20/2024 3:03 PM
PLOT BY : STRASSER, JEFFREY
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

POINT NUMBER	STATION	OFFSET	DESCRIPTION
270	1151+38.92	70.51' RT	BEGIN SIDEWALK
271	1151+85.17	70.16' LT	BEGIN SIDEWALK
272	1152+09.12	54.00' RT	SAWCUT, MATCH EXISTING, BEGIN CURB & GUTTER
273	1152+13.57	82.00' RT	28' RADIUS
274	1152+13.57	54.00' RT	BEGIN 28' RADIUS
275	1152+14.40	54.00' LT	SAWCUT, MATCH EXISTING, BEGIN CURB & GUTTER
276	1152+14.97	81.00' LT	27' RADIUS
277	1152+14.97	54.00' LT	BEGIN 27' RADIUS
278	1152+17.67	22.50' RT	SAWCUT, MATCH EXISTING, END CURB & GUTTER
279	1152+17.67	3.00' RT	SAWCUT, MATCH EXISTING, BEGIN CURB & GUTTER
280	1152+24.90	12.75' RT	9.75' RADIUS
281	1152+24.90	3.00' RT	BEGIN 9.75' RADIUS
282	1152+24.90	22.50' RT	END 9.75' RADIUS
283	1152+28.66	21.75' RT	SAWCUT, MATCH EXISTING, BEGIN CURB & GUTTER, BEGIN 9.75' RADIUS
284	1152+28.66	3.75' RT	SAWCUT, MATCH EXISTING, END CURB & GUTTER, END 9.75' RADIUS
285	1152+30.17	101.26' RT	SIDEWALK PI
286	1152+31.18	96.48' LT	END SIDEWALK
287	1152+34.83	112.14' RT	SIDEWALK PI
288	1152+35.14	123.09' RT	END SIDEWALK
289	1152+41.14	125.41' LT	END PAV1
290	1152+41.55	80.97' RT	SAWCUT, MATCH EXISTING, END CURB & GUTTER, END 28' RADIUS
291	1152+41.79	89.49' LT	SAWCUT, MATCH EXISTING, END CURB & GUTTER, END 27' RADIUS
292	1152+42.14	145.52' RT	END PAV1
293	1152+70.27	145.32' RT	END PAV1
294	1152+75.54	125.99' LT	END PAV1
295	1152+85.99	141.47' RT	BEGIN PAV1
296	1152+91.74	99.12' LT	BEGIN PAV1
297	1153+14.01	99.48' LT	BEGIN PAV1

POINT NUMBER	STATION	OFFSET	DESCRIPTION
298	1153+14.30	81.28' LT	SAWCUT, MATCH EXISTING, BEGIN CURB & GUTTER
299	1153+14.31	80.60' LT	BEGIN 27' RADIUS
300	1153+23.09	82.26' RT	SAWCUT, MATCH EXISTING, BEGIN CURB & GUTTER, BEGIN 28' RADIUS
301	1153+23.65	141.16' RT	BEGIN PAV1
302	1153+30.70	3.00' LT	SAWCUT, MATCH EXISTING, BEGIN CURB & GUTTER
303	1153+30.70	22.00' LT	SAWCUT, MATCH EXISTING, END CURB & GUTTER
304	1153+31.29	80.21' RT	BEGIN SIDEWALK
305	1153+33.23	84.97' LT	BEGIN SIDEWALK
306	1153+40.70	3.00' LT	SAWCUT, MATCH EXISTING, END CURB & GUTTER
307	1153+40.70	22.00' LT	SAWCUT, MATCH EXISTING, BEGIN CURB & GUTTER
308	1153+41.31	81.00' LT	27' RADIUS
309	1153+41.31	54.00' LT	END 27' RADIUS
310	1153+43.20	70.21' RT	END SIDEWALK
311	1153+45.14	54.00' LT	SAWCUT, MATCH EXISTING, END CURB & GUTTER
312	1153+51.09	82.00' RT	28' RADIUS
313	1153+51.09	54.00' RT	SAWCUT, MATCH EXISTING, END CURB & GUTTER, END 28' RADIUS
314	1153+93.24	69.79' LT	END SIDEWALK
315	1154+06.77	54.00' RT	SAWCUT, MATCH EXISTING, BEGIN CURB & GUTTER
316	1154+33.27	54.00' RT	SAWCUT, MATCH EXISTING, END CURB & GUTTER

LEGEND

- 30A — CONCRETE CURB AND GUTTER TYPE / SIZE (INCHES)
- PED — CONCRETE CURB PEDESTRIAN
- SN — CONCRETE MEDIAN SLOPED NOSE
- SW — CONCRETE SIDEWALK 5-INCH
- AS — ASPHALTIC SURFACE DRIVEWAY 4" HMA
- CONCRETE PAVEMENT REPAIR/REPLACEMENT
- PAV1 — 4" MILL & 4" HMA OVERLAY
- R1 — CURB RAMP TYPE
- DRW — CONCRETE DRIVEWAY 6-INCH HES
- BIOSWALES
- BASE PATCH
- CC — CONCRETE SIDEWALK 5-INCH COLORING CONCRETE WISDOT RED

N

EX. R/W

W. MALLORY AVE.

5415 S 27TH ST
DPMD LLC

5371 S 27TH ST
JAMES T GROH

5355 S 27TH ST
SAMMY'S AUTO CLASS, INC

VIET HOA GREENFIELD LLC

SLOPE INTERCEPT (TYP.)

TLE

75 LF MGS GUARDRAIL 3

REPLACE RETAINING WALLS

125 LF MGS GUARDRAIL 3

MGS GUARDRAIL TERMINAL TYPE 2

MGS GUARDRAIL TERMINAL TYPE 2

MGS GUARDRAIL TERMINAL TYPE 2

MILL THROUGH EXISTING CONCRETE BUS PAD

STH 241 (S. 27TH ST.) SB

STH 241 (S. 27TH ST.) NB

MATCH LINE 1156+00

MATCH LINE 1162+00

1157+00 1158+00 1159+00 1161+00

5430 S 27TH ST
JAVIC REALTY

5400 S 27TH ST
JAVIC REALTY PARTNERSHIP,A
WISC GEN PARTNERSHIP, C/O

5354 S 27TH ST
DITA INVESTMENTS LLC

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	PLAN DETAILS	SHEET 65	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\021201_PD.DWG
LAYOUT NAME - 021218_pd

PLOT DATE : 11/20/2024 3:04 PM PLOT BY : STRASSER, JEFFREY PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

POINT NUMBER	STATION	OFFSET	DESCRIPTION
325	1156+39.49	69.50' LT	BEGIN SIDEWALK
326	1156+79.99	86.41' LT	SAWCUT, MATCH EXISTING, BEGIN CURB & GUTTER
327	1156+82.62	81.51' LT	CURB & GUTTER PI
328	1158+13.90	81.50' LT	END CURB & GUTTER
329	1158+44.03	81.50' LT	BEGIN CURB & GUTTER
330	1158+67.34	54.00' RT	SAWCUT, MATCH EXISTING, BEGIN CURB & GUTTER
331	1158+72.34	54.00' RT	SAWCUT, MATCH EXISTING, END CURB & GUTTER
332	1158+87.80	43.00' LT	55' RADIUS
333	1158+94.43	30.00' RT	50' RADIUS
334	1158+97.67	54.00' RT	SAWCUT, MATCH EXISTING, BEGIN CURB & GUTTER
335	1158+97.67	70.14' RT	BEGIN SIDEWALK
336	1158+97.67	54.00' LT	SAWCUT, MATCH EXISTING, BEGIN CURB & GUTTER
337	1158+97.85	19.88' LT	SAWCUT, MATCH EXISTING, BEGIN CURB & GUTTER, BEGIN 50' RADIUS
338	1158+98.16	11.02' RT	SAWCUT, MATCH EXISTING, END CURB & GUTTER, END 55' RADIUS
339	1159+12.51	6.14' RT	SAWCUT, MATCH EXISTING, BEGIN CURB & GUTTER, BEGIN 55' RADIUS
340	1159+12.53	16.61' LT	SAWCUT, MATCH EXISTING, END CURB & GUTTER, END 50' RADIUS
341	1159+12.67	70.14' RT	END SIDEWALK
342	1159+17.04	53.95' LT	BEGIN 26' RADIUS
343	1159+17.04	79.95' LT	26' RADIUS
344	1159+17.39	81.49' LT	SAWCUT, MATCH EXISTING, END CURB & GUTTER
346	1159+42.78	76.28' LT	END 26' RADIUS

POINT NUMBER	STATION	OFFSET	DESCRIPTION
347	1159+43.43	80.88' LT	SAWCUT, MATCH EXISTING, END CURB & GUTTER
348	1159+43.74	82.99' LT	END PAV1
349	1159+69.01	82.84' LT	SAWCUT, MATCH EXISTING, BEGIN CURB & GUTTER, BEGIN PAV1
350	1159+69.07	79.49' LT	BEGIN 26' RADIUS
352	1159+95.07	53.94' LT	END 26' RADIUS
353	1159+95.07	79.94' LT	26' RADIUS
354	1159+95.31	70.06' RT	BEGIN SIDEWALK
355	1159+96.11	12.74' RT	SAWCUT, MATCH EXISTING, BEGIN CURB & GUTTER, BEGIN 55' RADIUS
356	1159+96.75	3.00' LT	SAWCUT, MATCH EXISTING, END CURB & GUTTER, END 50' RADIUS
357	1160+11.88	10.14' LT	SAWCUT, MATCH EXISTING, BEGIN CURB & GUTTER, BEGIN 50' RADIUS
358	1160+11.94	19.75' RT	SAWCUT, MATCH EXISTING, END CURB & GUTTER, END 55' RADIUS
359	1160+12.53	54.00' LT	SAWCUT, MATCH EXISTING, END CURB & GUTTER
360	1160+12.53	69.77' LT	BEGIN SIDEWALK
361	1160+12.53	53.99' RT	SAWCUT, MATCH EXISTING, END CURB & GUTTER
362	1160+12.53	69.93' RT	END SIDEWALK
363	1160+25.37	38.00' RT	50' RADIUS
364	1160+26.26	33.26' LT	55' RADIUS
365	1160+30.24	21.60' RT	SAWCUT, MATCH EXISTING, BEGIN CURB & GUTTER
366	1160+40.23	20.87' RT	SAWCUT, MATCH EXISTING, END CURB & GUTTER

LEGEND

- 30A — CONCRETE CURB AND GUTTER TYPE / SIZE (INCHES)
- PED — CONCRETE CURB PEDESTRIAN
- SN — CONCRETE MEDIAN SLOPED NOSE
- SW — CONCRETE SIDEWALK 5-INCH
- AS — ASPHALTIC SURFACE DRIVEWAY 4" HMA
- CONCRETE PAVEMENT REPAIR/REPLACEMENT
- PAV1 — 4" MILL & 4" HMA OVERLAY
- R1 — CURB RAMP TYPE
- DRW — CONCRETE DRIVEWAY 6-INCH HES
- BIOSWALES
- BASE PATCH
- CC — CONCRETE SIDEWALK 5-INCH COLORING CONCRETE WISDOT RED

N

EX. R/W

W. UPHAM AVE.

5325 S 27TH ST
JAMES LETIZIA

5301 S 27TH ST
JAMES LETIZIA

5341 S 27TH ST
5341 LLC

5265 S 27TH ST
RONALD H. & HARRIET A. CZERWINSKI FAMILY TRUST

5251 S 27TH ST
RONALD H. & HARRIET A. CZERWINSKI FAMILY TRUST

SLOPE INTERCEPT (TYP.)

STH 241 (S. 27TH ST.) SB

STH 241 (S. 27TH ST.) NB

MILL THROUGH EXISTING CONCRETE BUS PAD

MATCH LINE 1162+00

MATCH LINE 1168+00

1163+00 1164+00 1165+00 1166+00 1167+00

42' 24' 80' 42' 34' 32'

W. CLAYTON CREST AVE.

5354 S 27TH ST
DITA INVESTMENTS LLC

5306 S 27TH ST
S26TH STREET LLC

SUBSTATION

5282 S 27TH ST
WISCONSIN ELECTRIC POWER CO
C/O REAL ESTATE DEPT

5252 S 27TH ST
JAMES M PETR

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	PLAN DETAILS	SHEET 67	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\021201_PD.DWG
LAYOUT NAME - 021220_pd

PLOT DATE : 11/20/2024 3:04 PM PLOT BY : STRASSER, JEFFREY PLOT NAME : PLOT SCALE : 1 IN:40 FT

POINT NUMBER	STATION	OFFSET	DESCRIPTION
370	1162+62.11	57.99' LT	70' RADIUS
371	1162+64.77	20.39' LT	SAWCUT, MATCH EXISTING, BEGIN CURB & GUTTER
372	1162+65.14	11.94' RT	SAWCUT, MATCH EXISTING, END CURB & GUTTER, END 70' RADIUS
373	1162+66.49	39.00' RT	60' RADIUS
374	1162+67.49	69.84' LT	BEGIN SIDEWALK
375	1162+67.64	54.00' LT	SAWCUT, MATCH EXISTING, BEGIN CURB & GUTTER
376	1162+68.91	54.00' RT	SAWCUT, MATCH EXISTING, BEGIN CURB & GUTTER
377	1162+69.09	70.22' RT	BEGIN SIDEWALK
378	1162+69.85	20.91' LT	BEGIN 60' RADIUS
379	1162+79.76	19.51' LT	SAWCUT, MATCH EXISTING, END CURB & GUTTER, END 60' RADIUS
380	1162+80.16	9.64' RT	SAWCUT, MATCH EXISTING, BEGIN CURB & GUTTER, BEGIN 70' RADIUS
381	1162+82.49	70.01' LT	END SIDEWALK
382	1162+82.64	54.00' LT	SAWCUT, MATCH EXISTING, END CURB & GUTTER
383	1162+83.91	54.00' RT	SAWCUT, MATCH EXISTING, END CURB & GUTTER
384	1162+88.97	79.99' RT	26' RADIUS
385	1163+06.13	85.25' RT	END SIDEWALK
386	1163+09.07	63.50' RT	SAWCUT, MATCH EXISTING, BEGIN CURB & GUTTER, BEGIN 26' RADIUS
387	1163+14.99	81.45' RT	SAWCUT, MATCH EXISTING, END CURB & GUTTER, END 26' RADIUS, END PAV1
388	1163+44.98	80.40' RT	BEGIN 26' RADIUS
389	1163+44.99	81.06' RT	SAWCUT, MATCH EXISTING, BEGIN CURB & GUTTER, BEGIN PAV1
390	1163+50.16	54.00' LT	SAWCUT, MATCH EXISTING, BEGIN CURB & GUTTER
391	1163+55.06	85.28' RT	BEGIN SIDEWALK
392	1163+65.17	70.00' LT	BEGIN SIDEWALK
393	1163+67.93	54.24' RT	END 26' RADIUS
394	1163+70.98	80.07' RT	26' RADIUS
395	1163+80.07	54.24' RT	SAWCUT, MATCH EXISTING, END CURB & GUTTER
396	1163+80.16	54.00' LT	SAWCUT, MATCH EXISTING, END CURB & GUTTER
397	1163+85.17	70.00' LT	END SIDEWALK
398	1163+80.20	70.32' RT	END SIDEWALK
399	1165+25.99	56.79' RT	BEGIN SIDEWALK
400	1165+33.99	56.79' RT	END SIDEWALK

POINT NUMBER	STATION	OFFSET	DESCRIPTION
401	1165+39.26	58.00' LT	70' RADIUS
402	1165+41.59	48.00' RT	70' RADIUS
403	1165+54.27	70.11' LT	BEGIN SIDEWALK
404	1165+54.49	54.00' LT	SAWCUT, MATCH EXISTING, BEGIN CURB & GUTTER
405	1165+54.59	20.78' LT	SAWCUT, MATCH EXISTING, BEGIN CURB & GUTTER, BEGIN 70' RADIUS
406	1165+54.87	10.24' RT	SAWCUT, MATCH EXISTING, END CURB & GUTTER, END 70' RADIUS
407	1165+55.88	54.14' RT	SAWCUT, MATCH EXISTING, BEGIN CURB & GUTTER
408	1165+61.20	75.30' RT	BEGIN SIDEWALK
409	1165+66.20	75.22' RT	END SIDEWALK
410	1165+68.04	16.81' LT	SAWCUT, MATCH EXISTING, END CURB & GUTTER, END 70' RADIUS
411	1165+68.44	5.63' RT	SAWCUT, MATCH EXISTING, BEGIN CURB & GUTTER, BEGIN 70' RADIUS
412	1165+68.53	54.00' LT	BEGIN 27' RADIUS
413	1165+68.53	81.00' LT	27' RADIUS
414	1165+69.26	70.11' LT	END SIDEWALK
415	1165+70.88	54.13' RT	SAWCUT, MATCH EXISTING, END CURB & GUTTER
416	1165+79.38	70.11' LT	BEGIN SIDEWALK
417	1165+95.46	81.95' LT	SAWCUT, MATCH EXISTING, END CURB & GUTTER
418	1165+95.53	81.01' LT	END 27' RADIUS
419	1165+95.53	84.88' LT	END PAV1
420	1166+20.53	83.31' LT	SAWCUT, MATCH EXISTING, BEGIN CURB & GUTTER
421	1166+20.53	81.73' LT	BEGIN 28' RADIUS
422	1166+20.53	84.89' LT	BEGIN PAV1
423	1166+29.64	61.07' LT	SAWCUT, MATCH EXISTING, END CURB & GUTTER, END 28' RADIUS
424	1166+48.53	81.74' LT	28' RADIUS
425	1166+90.76	69.82' LT	END SIDEWALK
426	1167+02.34	54.05' RT	SAWCUT, MATCH EXISTING, BEGIN CURB & GUTTER
427	1167+15.34	54.07' RT	SAWCUT, MATCH EXISTING, END CURB & GUTTER

2

LEGEND

- 30A — CONCRETE CURB AND GUTTER TYPE SIZE (INCHES)
- PED — CONCRETE CURB PEDESTRIAN
- SN — CONCRETE MEDIAN SLOPED NOSE
- SW — CONCRETE SIDEWALK 5-INCH
- AS — ASPHALTIC SURFACE DRIVEWAY 4" HMA
- CONCRETE PAVEMENT REPAIR/REPLACEMENT
- PAV1 — 4" MILL & 4" HMA OVERLAY
- R1 — CURB RAMP TYPE
- DRW — CONCRETE DRIVEWAY 6-INCH HES
- BIOSWALES
- BASE PATCH
- CC — CONCRETE SIDEWALK 5-INCH COLORING CONCRETE WISDOT RED

N

5233 S 27TH ST
HANRY LIMITED PARTNERSHIP

5207 S 27TH ST
ANTONIO RENTAS
RICARDA S RENTAS

5175 S 27TH ST
JAMES LETIZIA

5251 S 27TH ST RONALD H. & HARRIET A. CZERWINSKI FAMILY TRUST

EX. R/W

W. ABBOTT AVE.

STH 241 (S. 27TH ST.) SB

STH 241 (S. 27TH ST.) NB

SLOPE INTERCEPT (TYP.)

MILL THROUGH EXISTING CONCRETE BUS PAD

MATCH LINE 1168+00

MATCH LINE 1174+00

1169+00 1170+00 1171+00 1172+00 1173+00

5252 S 27TH ST
JAMES M PETR

5236 S 27TH ST
NATIONAL REAL ESTATE INVESTORS LLC

5220 S 27TH ST
ANGEL REAL ESTATE LLC

5208 S 27TH ST
JAMES T GROH

5150 S 27TH ST
EDWARD G ENNIS & MARY T ENNIS HW

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	PLAN DETAILS	SHEET 69	E

POINT NUMBER	STATION	OFFSET	DESCRIPTION
435	1169+09.34	54.00' LT	SAWCUT, MATCH EXISTING, BEGIN CURB & GUTTER
437	1169+31.73	54.00' LT	SAWCUT, MATCH EXISTING, END CURB & GUTTER
439	1170+14.40	53.90' RT	SAWCUT, MATCH EXISTING, BEGIN CURB & GUTTER
440	1170+34.40	53.89' RT	SAWCUT, MATCH EXISTING, END CURB & GUTTER
441	1171+80.92	12.00' RT	SAWCUT, MATCH EXISTING, END CURB & GUTTER
443	1171+98.98	22.00' LT	BEGIN 70' RADIUS
444	1171+98.98	48.00' RT	70' RADIUS
445	1171+99.09	12.00' RT	END 70' RADIUS
446	1171+99.09	58.00' LT	70' RADIUS
447	1172+04.35	69.59' LT	BEGIN SIDEWALK
448	1172+15.67	79.92' LT	26' RADIUS
449	1172+20.53	53.78' RT	SAWCUT, MATCH EXISTING, BEGIN CURB & GUTTER
450	1172+21.49	54.56' LT	SAWCUT, MATCH EXISTING, BEGIN CURB & GUTTER, BEGIN 26' RADIUS
451	1172+22.00	70.29' RT	BEGIN SIDEWALK
452	1172+31.08	79.90' RT	26' RADIUS
453	1172+31.39	53.91' RT	BEGIN 26' RADIUS
454	1172+40.57	1.61' LT	BEGIN 70' RADIUS
455	1172+40.57	8.31' LT	END 70' RADIUS
456	1172+41.63	77.99' LT	END 26' RADIUS
457	1172+41.95	82.30' LT	SAWCUT, MATCH EXISTING, END CURB & GUTTER
458	1172+42.29	87.61' LT	END PAV1
459	1172+47.72	80.29' RT	BEGIN SIDEWALK
460	1172+57.08	79.63' RT	END 26' RADIUS
461	1172+57.09	81.14' RT	SAWCUT, MATCH EXISTING, END CURB & GUTTER, END PAV1

POINT NUMBER	STATION	OFFSET	DESCRIPTION
462	1172+74.36	89.63' LT	BEGIN PAV1, SAWCUT, MATCH EXISTING, END CURB & GUTTER
464	1172+85.09	81.00' RT	SAWCUT, MATCH EXISTING, BEGIN CURB & GUTTER, BEGIN PAV1
465	1172+85.09	80.42' RT	BEGIN 26' RADIUS
466	1172+95.28	90.29' RT	BEGIN SIDEWALK
467	1173+02.24	54.00' LT	END 27.5' RADIUS
468	1173+02.24	81.50' LT	27.5' RADIUS
469	1173+05.49	54.75' RT	END 26' RADIUS
470	1173+05.64	2.36' LT	SAWCUT, MATCH EXISTING, END CURB & GUTTER, END 70' RADIUS
471	1173+07.28	14.43' RT	SAWCUT, MATCH EXISTING, BEGIN CURB & GUTTER, BEGIN 48' RADIUS
472	1173+11.09	80.14' RT	26' RADIUS
473	1173+27.39	29.15' LT	48' RADIUS
474	1173+27.52	70.29' RT	END SIDEWALK
475	1173+27.52	54.01' RT	SAWCUT, MATCH EXISTING, END CURB & GUTTER
476	1173+27.53	18.85' RT	SAWCUT, MATCH EXISTING, END CURB & GUTTER, END 48' RADIUS
477	1173+27.53	10.67' LT	SAWCUT, MATCH EXISTING, BEGIN CURB & GUTTER, BEGIN 70' RADIUS
478	1173+27.53	54.00' LT	SAWCUT, MATCH EXISTING, END CURB & GUTTER
479	1173+27.53	69.82' LT	END SIDEWALK
480	1173+41.09	58.00' RT	70' RADIUS

5175 S 27TH ST
JAMES LETIZIA

5141 S 27TH ST
EDWARD ENNIS
MARY ENNIS

5101 S 27TH ST
OLD NATIONAL BANK

EX. R/W

W. EDGERTON AVE.

STH 241 (S. 27TH ST.) SB

STH 241 (S. 27TH ST.) NB

MILL THROUGH EXISTING CONCRETE BUS PAD

SECTION CORNER DO NOT DISTURB

SLOPE INTERCEPT (TYP.)

PI: 1179+33.47

MATCH LINE 1174+00

MATCH LINE 1180+00

1175+00 1176+00 1177+00 1178+00 1179+00

32' 11' 14' 19' 32' 80'

5150 S 27TH ST
EDWARD G ENNIS
& MARY T ENNIS HW

5114 S 27TH ST
INVESTMENTS REALTY LLC

LEGEND

- 30A — CONCRETE CURB AND GUTTER (TYPE, SIZE (INCHES))
- PED — CONCRETE CURB PEDESTRIAN
- SN — CONCRETE MEDIAN SLOPED NOSE
- SW — CONCRETE SIDEWALK 5-INCH
- AS — ASPHALTIC SURFACE DRIVEWAY 4" HMA
- CONCRETE PAVEMENT REPAIR/REPLACEMENT
- PAV1 — 4" MILL & 4" HMA OVERLAY
- R1 — CURB RAMP (TYPE)
- DRW — CONCRETE DRIVEWAY 6-INCH HES
- BIOSWALES
- BASE PATCH
- CC — CONCRETE SIDEWALK 5-INCH COLORING CONCRETE WISDOT RED

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	PLAN DETAILS	SHEET 71	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\021201_PD.DWG
LAYOUT NAME - 021224_pd

PLOT DATE : 11/20/2024 3:04 PM PLOT BY : STRASSER, JEFFREY PLOT NAME : PLOT SCALE : 1 IN:40 FT

POINT NUMBER	STATION	OFFSET	DESCRIPTION
369	1179+73.92	85.40' RT	Detail Sheets
490	1174+42.81	54.00' RT	SAWCUT, MATCH EXISTING, BEGIN CURB & GUTTER
491	1174+60.76	54.00' RT	SAWCUT, MATCH EXISTING, END CURB & GUTTER
492	1177+24.65	54.00' RT	SAWCUT, MATCH EXISTING, BEGIN CURB & GUTTER
493	1177+78.90	54.00' RT	SAWCUT, MATCH EXISTING, END CURB & GUTTER
494	1178+32.92	70.02' RT	BEGIN SIDEWALK
495	1178+72.92	69.93' RT	END SIDEWALK
496	1178+83.29	69.35' LT	BEGIN SIDEWALK
497	1178+84.13	81.98' RT	28' RADIUS
498	1178+84.18	54.00' LT	SAWCUT, MATCH EXISTING, BEGIN CURB & GUTTER, BEGIN 25' RADIUS
499	1178+84.18	79.00' LT	25' RADIUS
500	1178+85.25	54.00' RT	SAWCUT, MATCH EXISTING, BEGIN CURB & GUTTER, BEGIN 28' RADIUS
501	1178+85.87	70.04' RT	BEGIN SIDEWALK
502	1178+86.63	3.00' RT	SAWCUT, MATCH EXISTING, BEGIN CURB & GUTTER
503	1178+86.98	22.00' RT	SAWCUT, MATCH EXISTING, END CURB & GUTTER
504	1178+92.33	94.43' LT	SIDEWALK PI
505	1178+92.73	99.44' LT	BEGIN SIDEWALK
506	1178+94.65	12.50' RT	9.5' RADIUS
507	1178+94.65	22.00' RT	END 9.5' FOOT RADIUS
508	1178+94.81	3.00' RT	BEGIN 9.5' RADIUS
509	1178+98.13	3.66' RT	SAWCUT, MATCH EXISTING, END CURB & GUTTER, END 9.5' RADIUS
510	1178+98.46	21.20' RT	SAWCUT, MATCH EXISTING, BEGIN CURB & GUTTER, BEGIN 9.5' RADIUS
511	1179+09.06	76.71' LT	END PAV1

POINT NUMBER	STATION	OFFSET	DESCRIPTION
512	1179+09.18	79.04' LT	SAWCUT, MATCH EXISTING, END CURB & GUTTER, END 25' RADIUS
513	1179+12.10	80.75' RT	END 28' RADIUS
514	1179+12.12	81.22' RT	SAWCUT, MATCH EXISTING, END CURB & GUTTER, END PAV1
516	1179+55.13	81.31' RT	SAWCUT, MATCH EXISTING, BEGIN CURB & GUTTER, BEGIN 29' RADIUS
517	1179+57.92	77.70' LT	SAWCUT, MATCH EXISTING, BEGIN CURB & GUTTER, BEGIN 26' RADIUS, BEGIN PAV1
518	1179+69.98	3.58' LT	SAWCUT, MATCH EXISTING, BEGIN CURB & GUTTER, BEGIN 9.5' RADIUS
519	1179+70.54	21.60' LT	SAWCUT, MATCH EXISTING, END CURB & GUTTER, END 9.5' RADIUS
520	1179+70.79	94.61' LT	BEGIN SIDEWALK
521	1179+73.18	79.80' LT	SIDEWALK PI
522	1179+73.26	22.00' LT	BEGIN 9.5' RADIUS
523	1179+73.26	3.00' LT	END 9.5' RADIUS
524	1179+73.26	12.50' LT	9.5' RADIUS
525	1179+80.66	3.00' LT	SAWCUT, MATCH EXISTING, END CURB & GUTTER
526	1179+81.34	22.00' LT	SAWCUT, MATCH EXISTING, BEGIN CURB & GUTTER
527	1179+83.82	54.00' LT	SAWCUT, MATCH EXISTING, END CURB & GUTTER, END 26' RADIUS
528	1179+83.82	80.00' LT	26' RADIUS
529	1179+83.87	75.45' RT	END SIDEWALK
530	1179+84.08	54.00' RT	SAWCUT, MATCH EXISTING, END CURB & GUTTER, END 29' RADIUS
531	1179+84.08	83.00' RT	29' RADIUS

2

LEGEND

- 30A — CONCRETE CURB AND GUTTER TYPE / SIZE (INCHES)
- PED — CONCRETE CURB PEDESTRIAN
- SN — CONCRETE MEDIAN SLOPED NOSE
- SW — CONCRETE SIDEWALK 5-INCH
- AS — ASPHALTIC SURFACE DRIVEWAY 4" HMA
- CONCRETE PAVEMENT REPAIR/REPLACEMENT
- PAV1 — 4" MILL & 4" HMA OVERLAY
- R1 — CURB RAMP TYPE
- DRW — CONCRETE DRIVEWAY 6-INCH HES
- BIOSWALES
- BASE PATCH
- CC — CONCRETE SIDEWALK 5-INCH COLORING CONCRETE WISDOT RED

5051 S 27TH ST
HERRERA PROPERTIES, LLC

5033 S 27TH ST
JOHN T ALBANESE
JEANNE M ALBANESE

5029 S 27TH ST
AUTO ZONE INC

TUCK POINT LANDSCAPE RETAINING WALL

5077 S 27TH ST
TEAM R N' B WISCONSIN, LLC

SLOPE INTERCEPT (TYP.)

TLE

REMOVE RETAINING WALL AND GRADE

SW

SLOPE INTERCEPT (TYP.)

EX. R/W

535

31

PAV1

STH 241 (S. 27TH ST.) SB

32'

80'

19'

14'

11'

MATCH LINE 1180+00

1181+00

1182+00

1183+00

1184+00

1185+00

MATCH LINE 1186+00

STH 241 (S. 27TH ST.) NB

EX. R/W

5072 S 27TH ST
KAMLESH CHAND LLC

5040 S 27TH ST
J M AUTO CARE LLC

5022 S 27TH ST
AZIZ KHOURY

5000 S 27TH ST
LYLE D MEYER
SUZANNE M MEYER

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	PLAN DETAILS	SHEET 73	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\021201_PD.DWG
LAYOUT NAME - 021226_pd

PLOT DATE : 11/20/2024 3:04 PM PLOT BY : STRASSER, JEFFREY PLOT NAME : PLOT SCALE : 1 IN:40 FT

POINT NUMBER	STATION	OFFSET	DESCRIPTION
535	1180+29.08	69.75' LT	END SIDEWALK

2

N

EX. R/W

EX. R/W

W. HOLMES AVE.

4969 S 27TH ST
AGYA P SIDHU

4955 S 27TH ST
AGYA PAUL P SIDHU

4931 S 27TH ST
LOTO INVESTMENTS LLC

4901 S 27TH ST
ROSS STEIN AND
MARSHA STEIN
REVOCABLE TRUST

U/C

SLOPE INTERCEPT (TYP.)

SLOPE INTERCEPT (TYP.)

EX. R/W

EX. R/W

EX. R/W

STH 241 (S. 27TH ST.) SB

STH 241 (S. 27TH ST.) SB

MILL THROUGH
EXISTING CONCRETE
BUS PAD

42'

80'

32'

34'

MATCH LINE 1186+00

MATCH LINE 1192+00

1187+00

1188+00

1189+00

1190+00

1191+00

STH 241 (S. 27TH ST.) NB

STH 241 (S. 27TH ST.) NB

EX. R/W

SLOPE INTERCEPT (TYP.)

4960 S 27TH ST
PHILIP J SANFILIPPO &
ELLEN SANFILIPPO

4950 S 27TH ST
SIGMA PROPERTIES INC
C/O PETER STAVROPOULOS

4924 S 27TH ST
JAMES LETIZIA

4918 S 27TH ST
NANCY FRITTER

4912 S 27TH ST
STEVE SIDELLO
JEFFREY R & JULIE A SIDELLO

4902 S 27TH ST
JAMES LETIZIA

LEGEND

- 30A — CONCRETE CURB AND GUTTER; TYPE; SIZE (INCHES)
- PED — CONCRETE CURB PEDESTRIAN
- SN — CONCRETE MEDIAN SLOPED NOSE
- SW — CONCRETE SIDEWALK 5-INCH
- AS — ASPHALTIC SURFACE DRIVEWAY 4" HMA
- CONCRETE PAVEMENT REPAIR/REPLACEMENT
- PAV1 — 4" MILL & 4" HMA OVERLAY
- R1 — CURB RAMP; TYPE
- DRW — CONCRETE DRIVEWAY 6-INCH HES
- BIOSWALES
- BASE PATCH
- CC — CONCRETE SIDEWALK 5-INCH COLORING CONCRETE WISDOT RED

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	PLAN DETAILS	SHEET 75	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\021201_PD.DWG
LAYOUT NAME - 021228_pd
PLOT DATE : 11/20/2024 3:05 PM
PLOT BY : STRASSER, JEFFREY
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

POINT NUMBER	STATION	OFFSET	DESCRIPTION
540	1185+97.59	68.00' LT	80' RADIUS
541	1186+04.12	37.53' RT	60' RADIUS
542	1186+07.32	11.41' RT	SAWCUT, MATCH EXISTING, END CURB & GUTTER, END 80' RADIUS
543	1186+07.32	22.39' LT	SAWCUT, MATCH EXISTING, BEGIN CURB & GUTTER, BEGIN 60' RADIUS
544	1186+07.32	54.00' RT	SAWCUT, MATCH EXISTING, BEGIN CURB & GUTTER
545	1186+07.32	70.00' RT	BEGIN SIDEWALK
546	1186+07.32	54.00' LT	SAWCUT, MATCH EXISTING, BEGIN CURB & GUTTER
547	1186+07.32	70.00' LT	BEGIN SIDEWALK
548	1186+22.32	8.08' RT	SAWCUT, MATCH EXISTING, BEGIN CURB & GUTTER, BEGIN 80' RADIUS
549	1186+22.32	19.64' LT	SAWCUT, MATCH EXISTING, END CURB & GUTTER, END 60' RADIUS
550	1186+22.32	54.00' RT	SAWCUT, MATCH EXISTING, END CURB & GUTTER
551	1186+22.32	70.00' RT	END SIDEWALK
552	1186+26.37	54.07' LT	SAWCUT, MATCH EXISTING, END CURB & GUTTER
553	1186+39.25	80.11' LT	26' RADIUS
554	1186+39.39	54.00' LT	SAWCUT, MATCH EXISTING, BEGIN CURB & GUTTER, BEGIN 26' RADIUS
555	1186+65.33	82.72' LT	END PAV1
556	1186+65.37	80.25' LT	SAWCUT, MATCH EXISTING, END CURB & GUTTER, END 26' RADIUS
557	1186+89.85	83.11' LT	BEGIN PAV1
558	1186+90.62	79.74' LT	SAWCUT, MATCH EXISTING, BEGIN CURB & GUTTER
559	1186+91.94	73.89' LT	BEGIN 26' RADIUS
560	1187+13.00	54.00' LT	END 26' RADIUS
561	1187+16.76	54.07' RT	SAWCUT, MATCH EXISTING, BEGIN CURB & GUTTER

POINT NUMBER	STATION	OFFSET	DESCRIPTION
562	1187+17.30	79.64' LT	26' RADIUS
563	1187+12.56	69.94' RT	BEGIN SIDEWALK
564	1187+17.71	3.44' LT	SAWCUT, MATCH EXISTING, END CURB & GUTTER, END 65' RADIUS
565	1187+18.62	15.71' RT	SAWCUT, MATCH EXISTING, BEGIN CURB & GUTTER, BEGIN 65' RADIUS
566	1187+31.76	54.00' RT	SAWCUT, MATCH EXISTING, END CURB & GUTTER
567	1187+32.01	9.46' LT	SAWCUT, MATCH EXISTING, BEGIN CURB & GUTTER, BEGIN 65' RADIUS
568	1187+32.16	20.40' RT	SAWCUT, MATCH EXISTING, END CURB & GUTTER, END 65' RADIUS
569	1187+32.73	54.00' LT	SAWCUT, MATCH EXISTING, END CURB & GUTTER
570	1187+32.73	70.00' LT	BEGIN SIDEWALK
571	1187+32.73	69.72' RT	END SIDEWALK
572	1187+46.51	43.00' LT	65' RADIUS
573	1187+50.00	53.00' RT	65' RADIUS

2

2

N

4901 S 27TH ST
ROSS STEIN AND
MARSHA STEIN
REVOCABLE TRUST

4861 S 27TH ST
JMC PROPERTIES LOC110 LLC

4841 S 27TH ST
CARISCH BROTHERS LP

4839 S 27TH ST
SILLS GREENFIELD LLC

4777 S 27TH ST
MKB GREENFIELD LLC

SLOPE INTERCEPT (TYP.)

CLEAN OUT JOINTS AND TUCK POINT RETAINING WALL

MILL THROUGH EXISTING CONCRETE BUS PAD

EX. R/W

STH 241 (S. 27TH ST.) SB

MILL THROUGH EXISTING CONCRETE BUS PAD

MATCH LINE 1192+00

MATCH LINE 1198+00

1193+00

1194+00

1195+00

1196+00

1197+00

42'

34'

80'

32'

44'

STH 241 (S. 27TH ST.) NB

MILL THROUGH EXISTING CONCRETE TURN LANE

SLOPE INTERCEPT (TYP.)

EX. R/W

4902 S 27TH ST
JAMES LETIZIA

W. CARPENTER AVE.

4866 S 27TH ST
BALHAIR S DULAI
JASBIR K DULAI

4858 S 27TH ST
ROBERT & SARAH BOSCHI TRUST
ROBERT BOSCHI

PLAYGROUND

4810 S 27TH ST
DARROW FAMILY LTD
PARTNERSHIP

LEGEND

- 30A — CONCRETE CURB AND GUTTER TYPE SIZE (INCHES)
- PED — CONCRETE CURB PEDESTRIAN
- SN — CONCRETE MEDIAN SLOPED NOSE
- SW — CONCRETE SIDEWALK 5-INCH
- AS — ASPHALTIC SURFACE DRIVEWAY 4" HMA
- CONCRETE PAVEMENT REPAIR/REPLACEMENT
- PAV1 — 4" MILL & 4" HMA OVERLAY
- R1 — CURB RAMP TYPE
- DRW — CONCRETE DRIVEWAY 6-INCH HES
- BIOSWALES
- BASE PATCH
- CC — CONCRETE SIDEWALK 5-INCH COLORING CONCRETE WISDOT RED

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	PLAN DETAILS	SHEET 77	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\021201_PD.DWG
LAYOUT NAME - 021230_pd

PLOT DATE : 11/20/2024 3:05 PM PLOT BY : STRASSER, JEFFREY PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

POINT NUMBER	STATION	OFFSET	DESCRIPTION
585	1191+92.48	53.00' LT	65' RADIUS
586	1191+93.49	43.00' RT	65' RADIUS
587	1192+11.02	69.69' LT	BEGIN SIDEWALK
588	1192+09.99	69.43' RT	BEGIN SIDEWALK
589	1192+11.02	54.11' RT	SAWCUT, MATCH EXISTING, BEGIN CURB & GUTTER
590	1192+15.92	54.01' LT	SAWCUT, MATCH EXISTING, BEGIN CURB & GUTTER
591	1192+16.16	7.52' RT	SAWCUT, MATCH EXISTING, END CURB & GUTTER, END 65' RADIUS
592	1192+16.33	17.85' LT	SAWCUT, MATCH EXISTING, BEGIN CURB & GUTTER, BEGIN 65' RADIUS
593	1192+19.08	54.00' RT	BEGIN 25' RADIUS
594	1192+19.08	79.00' RT	25' RADIUS
595	1192+30.92	54.00' LT	SAWCUT, MATCH EXISTING, END CURB & GUTTER
596	1192+31.02	69.67' LT	END SIDEWALK
597	1192+31.33	9.82' LT	END 65' RADIUS
598	1192+31.47	0.99' LT	BEGIN 65' RADIUS
599	1192+35.75	94.62' RT	END SIDEWALK
600	1192+44.07	78.48' RT	END 25' RADIUS
601	1192+44.12	81.31' RT	SAWCUT, MATCH EXISTING, END CURB & GUTTER, END PAV1
602	1192+72.49	69.41' LT	BEGIN SIDEWALK
603	1192+74.09	79.03' RT	BEGIN 25' RADIUS
604	1192+74.10	80.52' RT	SAWCUT, MATCH EXISTING, BEGIN CURB & GUTTER, BEGIN PAV1
605	1192+74.55	1.78' RT	END 50' RADIUS

POINT NUMBER	STATION	OFFSET	DESCRIPTION
606	1192+74.70	11.03' RT	BEGIN 75' RADIUS
607	1192+77.53	54.00' LT	SAWCUT, MATCH EXISTING, BEGIN CURB & GUTTER
608	1192+83.01	90.13' RT	BEGIN SIDEWALK
609	1192+92.54	54.00' LT	SAWCUT, MATCH EXISTING, END CURB & GUTTER
610	1192+97.94	70.07' RT	END SIDEWALK
611	1192+99.09	54.00' RT	SAWCUT, MATCH EXISTING, END CURB & GUTTER, END 25' RADIUS
612	1192+99.09	79.00' RT	25' RADIUS
613	1193+09.02	12.00' LT	BEGIN 50' RADIUS
614	1193+09.02	38.00' RT	50' RADIUS
615	1193+13.75	22.00' RT	END 75' RADIUS
616	1193+13.75	53.00' LT	75' RADIUS
617	1193+26.55	12.20' LT	SAWCUT, MATCH EXISTING, BEGIN CURB & GUTTER
618	1193+36.88	22.09' RT	SAWCUT, MATCH EXISTING, END CURB & GUTTER
619	1192+97.49	69.50' LT	END SIDEWALK
620	1197+58.86	72.50' LT	BEGIN SIDEWALK

2

N

4777 S 27TH ST
MKB GREENFIELD LLC

4763 S 27TH ST
LIMESTONE SON, LLC

4739 S 27TH ST
TYMEK PROPERTIES LLC

4715 S 27TH ST
GREENFIELD BP LLC

SLOPE INTERCEPT (TYP.)

TLE

DRIVEWAY TO BE RECONSTRUCTED UNDER PERMIT # 40-02-24

EX. R/W

STH 241 (S. 27TH ST.) SB

MILL THROUGH EXISTING CONCRETE BUS PAD

MILL THROUGH EXISTING CONCRETE TURN LANE

STH 241 (S. 27TH ST.) NB

MILL THROUGH EXISTING CONCRETE TURN LANE

MATCH LINE 1198+00

MATCH LINE 1204+00

1199+00

1200+00

1201+00

1202+00

1203+00

32'

80'

44'

W. BARNARD AVE.

4810 S 27TH ST
DARROW FAMILY LTD PARTNERSHIP

4770 S 27TH ST
FOREST PARK REAL ESTATE CO LLC

4762 S 27TH ST
HANG THI THUY TRAN

4756 S 27TH ST
SIK-TUNG NG
SIK-CHOU NG

4730 S 27TH ST
REALTY INCOME PROPERTIES 31 LLC

LEGEND

- 30A — CONCRETE CURB AND GUTTER TYPE, SIZE (INCHES)
- PED — CONCRETE CURB PEDESTRIAN
- SN — CONCRETE MEDIAN SLOPED NOSE
- SW — CONCRETE SIDEWALK 5-INCH
- AS — ASPHALTIC SURFACE DRIVEWAY 4" HMA
- CONCRETE PAVEMENT REPAIR/REPLACEMENT
- PAV1 — 4" MILL & 4" HMA OVERLAY
- R1 — CURB RAMP TYPE
- DRW — CONCRETE DRIVEWAY 6-INCH HES
- BIOSWALES
- BASE PATCH
- CC — CONCRETE SIDEWALK 5-INCH COLORING CONCRETE WISDOT RED

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	PLAN DETAILS	SHEET 79	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\021201_PD.DWG
LAYOUT NAME - 021232_pd
PLOT DATE : 11/20/2024 3:05 PM
PLOT BY : STRASSER, JEFFREY
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

POINT NUMBER	STATION	OFFSET	DESCRIPTION
630	1198+23.86	72.50' LT	END SIDEWALK
631	1198+37.82	72.57' LT	BEGIN SIDEWALK
632	1198+44.83	69.66' RT	BEGIN SIDEWALK
633	1198+69.67	22.00' LT	SAWCUT, MATCH EXISTING, BEGIN CURB & GUTTER, BEGIN 50' RADIUS
634	1198+69.67	28.00' RT	50' RADIUS
635	1198+71.54	54.06' RT	SAWCUT, MATCH EXISTING, BEGIN CURB & GUTTER
636	1198+76.80	80.10' LT	26' RADIUS
637	1198+78.85	10.00' RT	SAWCUT, MATCH EXISTING, END CURB & GUTTER, END 30' RADIUS
638	1198+78.85	20.00' LT	30' RADIUS
639	1198+80.86	80.00' RT	26' RADIUS
640	1198+82.59	54.00' RT	BEGIN 26' RADIUS
641	1198+76.82	54.00' LT	SAWCUT, MATCH EXISTING, BEGIN CURB & GUTTER, BEGIN 26' RADIUS
642	1198+96.81	84.59' RT	END SIDEWALK
643	1199+02.71	85.08' LT	END PAV1
644	1199+02.74	83.80' LT	SAWCUT, MATCH EXISTING, END CURB & GUTTER
645	1199+02.79	80.55' LT	END 26' RADIUS
646	1199+02.90	9.96' LT	END 50' RADIUS
647	1199+02.90	0.04' RT	BEGIN 30' RADIUS
648	1199+06.86	80.36' RT	SAWCUT, MATCH EXISTING, END CURB & GUTTER, END 26' RADIUS, END PAV1
649	1199+34.92	80.09' RT	BEGIN PAV1
650	1199+35.07	77.13' RT	SAWCUT, MATCH EXISTING, BEGIN CURB & GUTTER, BEGIN 26' RADIUS
651	1199+44.99	85.42' LT	SAWCUT, MATCH EXISTING, BEGIN CURB & GUTTER, BEGIN PAV1
652	1199+45.11	79.58' LT	BEGIN 26' RADIUS
653	1199+53.77	82.72' LT	BEGIN SIDEWALK
654	1199+57.41	74.51' RT	BEGIN SIDEWALK
655	1199+60.50	54.00' RT	END 26' RADIUS
655 (1)	1199+90.61	12.70' LT	END 26' RADIUS

POINT NUMBER	STATION	OFFSET	DESCRIPTION
656	1199+60.87	79.95' RT	26' RADIUS
657	1199+62.42	72.73' LT	END SIDEWALK
658	1199+63.11	22.26' RT	SAWCUT, MATCH EXISTING, BEGIN CURB & GUTTER
659	1199+63.63	54.00' RT	SAWCUT, MATCH EXISTING, END CURB & GUTTER
660	1199+69.37	54.00' LT	END 26' RADIUS
661	1199+71.10	80.11' LT	26' RADIUS
662	1199+77.52	54.00' LT	SAWCUT, MATCH EXISTING, END CURB & GUTTER
663	1199+88.59	18.97' RT	SAWCUT, MATCH EXISTING, END CURB & GUTTER
664	1202+23.13	54.00' RT	SAWCUT, MATCH EXISTING, BEGIN CURB & GUTTER
665	1202+32.97	54.00' RT	SAWCUT, MATCH EXISTING, END CURB & GUTTER
666	1202+35.52	53.97' LT	SAWCUT, MATCH EXISTING, BEGIN CURB & GUTTER
667	1202+57.42	54.00' LT	SAWCUT, MATCH EXISTING, END CURB & GUTTER
668	1202+82.74	22.00' RT	END PAV1
669	1202+83.23	54.00' RT	END PAV1
670	1202+93.51	22.05' LT	END PAV1
671	1202+93.51	54.00' LT	END PAV1

2

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N

4715 S 27TH ST
GREENFIELD BP LLC

4691 S 27TH ST
TAJINDER SINGH

4671 S 27TH ST
FRED W STORM, LLC

4651 S 27TH ST
I INVESTMENTS, LLC

4661 S 27TH ST
FIRST-CITIZENS BANK & TRUST COMPANY

4595 S 27TH ST
AT HOME STORES, LLC

W. LAYTON AVE.

STH 241 (S. 27TH ST.) SB

STH 241 (S. 27TH ST.) NB

SLOPE INTERCEPT (TYP.)

EX. R/W

SECTION CORNER
DO NOT DISTURB

END CONSTRUCTION SB
STH 241
STA 1210+09
MATCH EXISTING
SAW CUT REQ'D

END PROJECT
STA. 1210+08.57
Y= 271129.49
X= 595475.92

END CONSTRUCTION NB
STH 241
STA 1209+91
MATCH EXISTING

4730 S 27TH ST
REALTY INCOME PROPERTIES
31 LLC

4640 S 27TH ST
B&M LEASING LLP

MATCH LINE 1204+00

1205+00 1206+00 1207+00 1208+00 1209+00 1210+00

1205+83.64

32'

80'

44'

LEGEND

30A	CONCRETE CURB AND GUTTER TYPE SIZE (INCHES)
PED	CONCRETE CURB PEDESTRIAN
SN	CONCRETE MEDIAN SLOPED NOSE
SW	CONCRETE SIDEWALK 5-INCH
AS	ASPHALTIC SURFACE DRIVEWAY 4" HMA
	CONCRETE PAVEMENT REPAIR/REPLACEMENT
PAV1	4" MILL & 4" HMA OVERLAY
R1	CURB RAMP TYPE
DRW	CONCRETE DRIVEWAY 6-INCH HES
	BIOSWALES
	BASE PATCH
CC	CONCRETE SIDEWALK 5-INCH COLORING CONCRETE WISDOT RED

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	PLAN DETAILS	SHEET 81	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\021201_PD.DWG
LAYOUT NAME - 021234_pd

PLOT DATE : 11/20/2024 3:05 PM PLOT BY : STRASSER, JEFFREY PLOT NAME : PLOT SCALE : 1 IN:40 FT

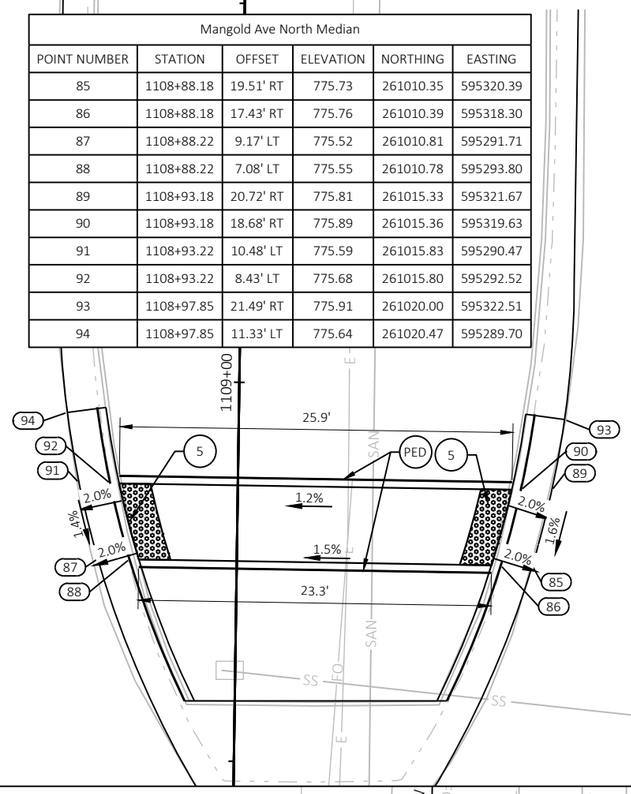
WISDOT/CADDS SHEET 42

POINT NUMBER	STATION	OFFSET	DESCRIPTION
680	1204+69.04	70.17' RT	BEGIN SIDEWALK
681	1204+74.79	72.93' LT	BEGIN SIDEWALK
682	1204+95.23	81.94' RT	SIDEWALK PI
683	1204+98.05	89.11' LT	34.5' RADIUS
684	1205+04.57	55.23' LT	SAWCUT, MATCH EXISTING, BEGIN CURB & GUTTER, BEGIN 34.5' RADIUS
685	1205+05.63	54.00' RT	SAWCUT, MATCH EXISTING, BEGIN CURB & GUTTER
686	1205+08.57	8.55' RT	SAWCUT, MATCH EXISTING, END CURB & GUTTER
687	1205+08.78	22.00' RT	SAWCUT, MATCH EXISTING, BEGIN CURB & GUTTER
688	1205+09.42	82.01' RT	28' RADIUS
689	1205+09.44	54.01' RT	BEGIN 28' RADIUS
690	1205+18.56	7.52' RT	SAWCUT, MATCH EXISTING, BEGIN CURB & GUTTER, BEGIN 5.43' RADIUS
691	1205+18.79	22.00' RT	SAWCUT, MATCH EXISTING, END CURB & GUTTER, END 5.43' RADIUS
692	1205+19.65	81.49' LT	SIDEWALK PI
693	1205+29.72	86.40' RT	END SIDEWALK
694	1205+30.10	125.08' LT	BEGIN SIDEWALK
695	1205+30.25	76.73' LT	END PAV2
696	1205+30.41	96.88' LT	SIDEWALK PI
697	1205+32.10	83.60' LT	SAWCUT, MATCH EXISTING, END CURB & GUTTER, END 34.5' RADIUS
698	1205+37.27	79.08' RT	SAWCUT, MATCH EXISTING, END CURB & GUTTER, END 28' RADIUS
699	1205+37.44	83.36' RT	END PAV2
700	1206+29.49	82.52' RT	BEGIN PAV2
701	1206+29.74	77.98' RT	SAWCUT, MATCH EXISTING, BEGIN CURB & GUTTER, BEGIN 28' RADIUS
702	1206+30.55	90.95' LT	SAWCUT, MATCH EXISTING, BEGIN CURB & GUTTER, BEGIN 36.5' RADIUS
703	1206+32.65	138.64' LT	BEGIN SIDEWALK
704	1206+32.66	78.25' LT	BEGIN PAV2
705	1206+32.84	133.64' LT	SIDEWALK PI
707	1206+37.88	119.84' RT	BEGIN SIDEWALK
708	1206+46.88	22.00' LT	SAWCUT, MATCH EXISTING, BEGIN CURB & GUTTER
709	1206+47.11	7.45' LT	SAWCUT, MATCH EXISTING, END CURB & GUTTER
711	1206+48.50	83.14' LT	SIDEWALK PI
712	1206+53.83	54.00' RT	END 28' RADIUS
713	1206+57.05	22.00' LT	SAWCUT, MATCH EXISTING, END CURB & GUTTER
714	1206+57.26	8.54' LT	SAWCUT, MATCH EXISTING, BEGIN CURB & GUTTER
715	1206+57.48	81.76' RT	28' RADIUS

POINT NUMBER	STATION	OFFSET	DESCRIPTION
716	1206+67.05	54.00' LT	END 36.5' RADIUS
717	1206+60.91	69.75' RT	END SIDEWALK
718	1206+61.87	53.76' RT	SAWCUT, MATCH EXISTING, END CURB & GUTTER
719	1206+67.05	90.50' LT	36.5' RADIUS
720	1207+02.07	78.18' LT	END SIDEWALK
721	1207+00.24	22.01' RT	SAWCUT, MATCH EXISTING, BEGIN CURB & GUTTER
722	1207+15.24	22.00' RT	SAWCUT, MATCH EXISTING, END CURB & GUTTER
723	1207+51.60	54.00' LT	SAWCUT, MATCH EXISTING, END CURB & GUTTER

MEDIAN PEDESTRIAN CURB RAMP
NORTH MEDIAN

Mangold Ave North Median					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
85	1108+88.18	19.51' RT	775.73	261010.35	595320.39
86	1108+88.18	17.43' RT	775.76	261010.39	595318.30
87	1108+88.22	9.17' LT	775.52	261010.81	595291.71
88	1108+88.22	7.08' LT	775.55	261010.78	595293.80
89	1108+93.18	20.72' RT	775.81	261015.33	595321.67
90	1108+93.18	18.68' RT	775.89	261015.36	595319.63
91	1108+93.22	10.48' LT	775.59	261015.83	595290.47
92	1108+93.22	8.43' LT	775.68	261015.80	595292.52
93	1108+97.85	21.49' RT	775.91	261020.00	595322.51
94	1108+97.85	11.33' LT	775.64	261020.47	595289.70

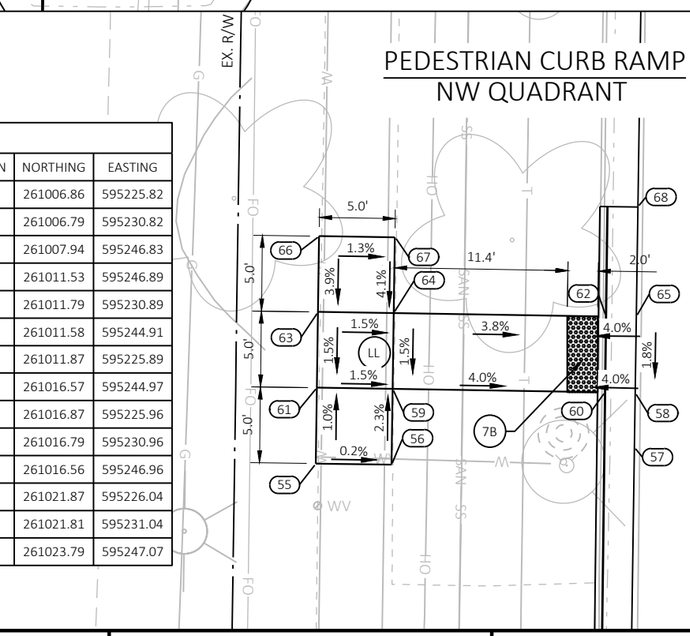


LEGEND

- X — CURB RAMP TYPE
- XXXX — POINT NUMBER
- DETECTABLE WARNING FIELD
- T — TRAVERSABLE FLARE
- NT — PAVED NON-TRAVERSABLE
- U — UNPAVED NON-TRAVERSABLE
- MEF — MAXIMUM EXTENT FEASIBLE
- LL — LEVEL LANDING

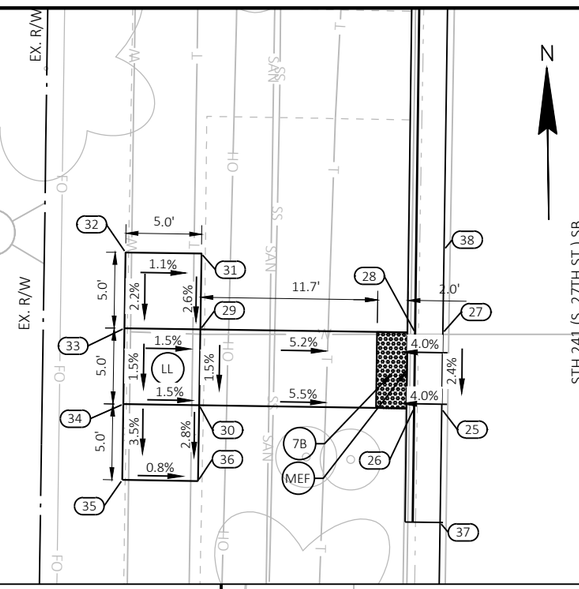
PEDESTRIAN CURB RAMP
NW QUADRANT

Mangold Ave NW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
55	1108+83.30	75.00' LT	775.20	261006.86	595225.82
56	1108+83.30	70.00' LT	775.20	261006.79	595230.82
57	1108+84.69	54.00' LT	774.54	261007.94	595246.83
58	1108+88.28	54.00' LT	774.60	261011.53	595246.89
59	1108+88.30	70.00' LT	775.08	261011.79	595230.89
60	1108+88.30	55.98' LT	774.52	261011.58	595244.91
61	1108+88.31	75.00' LT	775.15	261011.87	595225.89
62	1108+93.29	55.99' LT	774.62	261016.57	595244.97
63	1108+93.31	75.00' LT	775.23	261016.87	595225.96
64	1108+93.31	70.00' LT	775.15	261016.79	595230.96
65	1108+93.31	54.00' LT	774.69	261016.56	595246.96
66	1108+98.31	75.00' LT	775.43	261021.87	595226.04
67	1108+98.33	70.00' LT	775.36	261021.81	595231.04
68	1109+00.54	54.00' LT	774.82	261023.79	595247.07

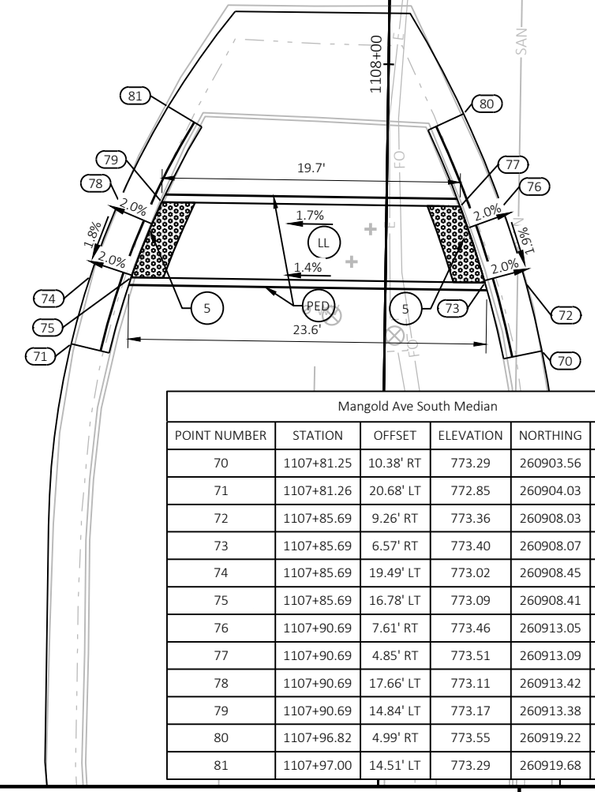


PEDESTRIAN CURB RAMP
SW QUADRANT

Mangold Ave SW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
25	1107+85.69	54.00' LT	772.34	260908.95	595245.38
26	1107+85.69	55.82' LT	772.27	260908.98	595243.56
27	1107+90.69	54.00' LT	772.46	260913.95	595245.46
28	1107+90.69	55.83' LT	772.39	260913.98	595243.63
29	1107+90.69	70.00' LT	773.08	260914.19	595229.46
30	1107+85.69	70.00' LT	773.00	260909.19	595229.39
31	1107+95.69	70.00' LT	773.21	260919.19	595229.53
32	1107+95.69	75.00' LT	773.26	260919.26	595224.53
33	1107+90.69	75.00' LT	773.15	260914.26	595224.46
34	1107+85.69	75.00' LT	773.08	260909.26	595224.39
35	1107+80.69	75.00' LT	772.91	260904.26	595224.31
36	1107+80.69	70.00' LT	772.87	260904.19	595229.31
37	1107+78.19	54.00' LT	772.16	260901.45	595245.27
38	1107+96.19	54.00' LT	772.58	260919.45	595245.54



MEDIAN PEDESTRIAN CURB RAMP
SOUTH MEDIAN

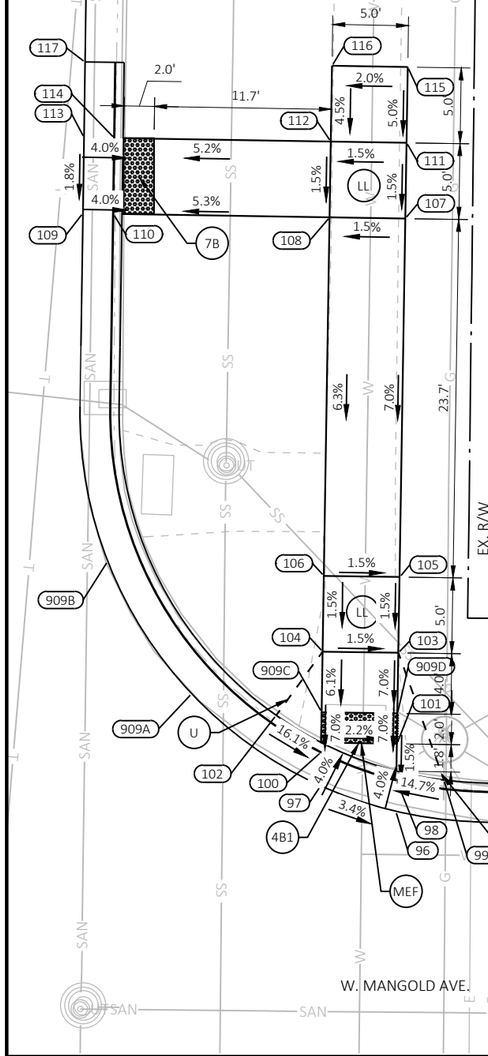


Mangold Ave South Median					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
70	1107+81.25	10.38' RT	773.29	260903.56	595309.70
71	1107+81.26	20.68' LT	772.85	260904.03	595278.64
72	1107+85.69	9.26' RT	773.36	260908.03	595308.64
73	1107+85.69	6.57' RT	773.40	260908.07	595305.94
74	1107+85.69	19.49' LT	773.02	260908.45	595279.89
75	1107+85.69	16.78' LT	773.09	260908.41	595282.60
76	1107+90.69	7.61' RT	773.46	260913.05	595307.06
77	1107+90.69	4.85' RT	773.51	260913.09	595304.30
78	1107+90.69	17.66' LT	773.11	260913.42	595281.79
79	1107+90.69	14.84' LT	773.17	260913.38	595284.61
80	1107+96.82	4.99' RT	773.55	260919.22	595304.53
81	1107+97.00	14.51' LT	773.29	260919.68	595285.04

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	INTERSECTION DETAILS (CURB RAMPS) W. MANGOLD AVE.	SHEET 83 E

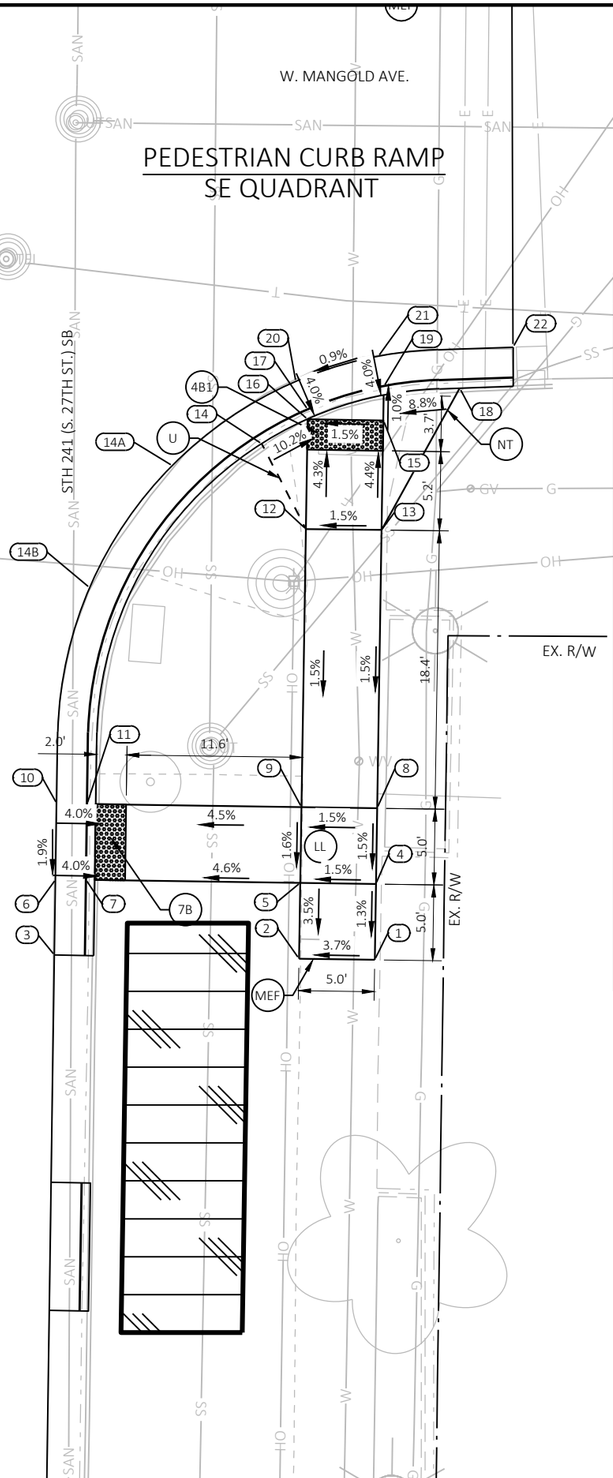
FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\021101_ID_CURB RAMPS.DWG
LAYOUT NAME - 021101_id
PLOT DATE : 11/20/2024 2:40 PM PLOT BY : STRASSER, JEFFREY PLOT NAME : PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

PEDESTRIAN CURB RAMP NE QUADRANT



Mangold Ave NE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
95	1108+48.29	83.17' RT	773.37	260969.54	595383.45
96	1108+48.99	75.23' RT	773.55	260970.35	595375.53
97	1108+50.60	70.23' RT	773.73	260972.04	595370.55
98	1108+51.04	75.23' RT	773.48	260972.40	595375.56
99	1108+51.09	78.37' RT	773.96	260972.41	595378.69
100	1108+52.80	70.24' RT	773.68	260974.23	595370.59
101	1108+53.44	75.23' RT	773.52	260974.80	595375.60
102	1108+55.20	67.24' RT	774.19	260976.67	595367.63
103	1108+59.44	75.24' RT	773.94	260980.80	595375.69
104	1108+59.45	70.24' RT	774.01	260980.88	595370.69
105	1108+64.44	75.25' RT	774.01	260985.80	595375.77
106	1108+64.45	70.25' RT	774.09	260985.88	595370.77
107	1108+88.10	75.28' RT	775.66	261009.46	595376.15
108	1108+88.11	70.28' RT	775.59	261009.54	595371.15
109	1108+88.13	54.00' RT	774.73	261009.80	595354.87
110	1108+88.13	56.00' RT	774.65	261009.77	595356.87
111	1108+93.10	75.29' RT	775.74	261014.46	595376.23
112	1108+93.11	70.29' RT	775.66	261014.54	595371.23
113	1108+93.13	54.00' RT	774.82	261014.80	595354.95
114	1108+93.13	56.00' RT	774.74	261014.77	595356.95
115	1108+98.10	75.30' RT	775.99	261019.46	595376.31
116	1108+98.11	70.30' RT	775.89	261019.54	595371.31
117	1108+98.12	54.00' RT	774.90	261019.78	595355.02
909A	1108+56.54	61.64' RT	774.06	260978.10	595362.05
909B	1108+65.21	55.98' RT	774.33	260986.85	595356.52
909C	1108+55.46	70.24' RT	773.77	260976.89	595370.63
909D	1108+55.44	75.24' RT	773.66	260976.80	595375.63

PEDESTRIAN CURB RAMP SE QUADRANT



Mangold Ave SE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
1	1107+80.69	75.13' RT	772.94	260902.06	595374.43
2	1107+80.69	70.13' RT	772.75	260902.14	595369.43
3	1107+80.69	54.00' RT	772.26	260902.37	595353.30
4	1107+85.69	75.14' RT	773.00	260907.06	595374.51
5	1107+85.69	70.14' RT	772.93	260907.14	595369.51
6	1107+85.69	54.00' RT	772.35	260907.37	595353.37
7	1107+85.69	56.00' RT	772.27	260907.34	595355.37
8	1107+90.69	75.15' RT	773.08	260912.06	595374.59
9	1107+90.69	70.15' RT	773.00	260912.14	595369.59
10	1107+90.69	54.00' RT	772.45	260912.37	595353.45
11	1107+90.69	56.00' RT	772.37	260912.34	595355.45
12	1108+09.05	70.17' RT	773.30	260930.49	595369.89
13	1108+09.06	75.17' RT	773.36	260930.43	595374.89
14	1108+14.63	67.18' RT	773.32	260936.11	595366.98
14A	1108+13.10	61.31' RT	772.94	260934.67	595361.08
14B	1108+04.96	55.97' RT	772.69	260926.61	595355.63
15	1108+16.28	75.18' RT	773.04	260937.65	595375.00
16	1108+16.29	70.18' RT	772.97	260937.73	595370.00
17	1108+16.93	70.18' RT	772.97	260938.37	595370.01
18	1108+18.49	80.19' RT	773.47	260939.78	595380.04
19	1108+18.54	75.19' RT	773.02	260939.91	595375.04
20	1108+18.76	69.37' RT	773.05	260940.21	595369.22
21	1108+20.50	74.79' RT	773.10	260941.87	595374.67
22	1108+21.24	83.67' RT	773.02	260942.49	595383.57

LEGEND

- (X) CURB RAMP TYPE
- (XXXX) POINT NUMBER
- DETECTABLE WARNING FIELD
- (T) TRAVERSABLE FLARE
- (NT) PAVED NON-TRAVERSABLE
- (U) UNPAVED NON-TRAVERSABLE
- (MEF) MAXIMUM EXTENT FEASIBLE
- (LL) LEVEL LANDING

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	INTERSECTION DETAILS (CURB RAMPS) W. MANGOLD AVE.	SHEET 84	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\021101_ID_CURB RAMPS.DWG
LAYOUT NAME - 021102_id
PLOT DATE : 11/20/2024 2:41 PM
PLOT BY : STRASSER, JEFFREY
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

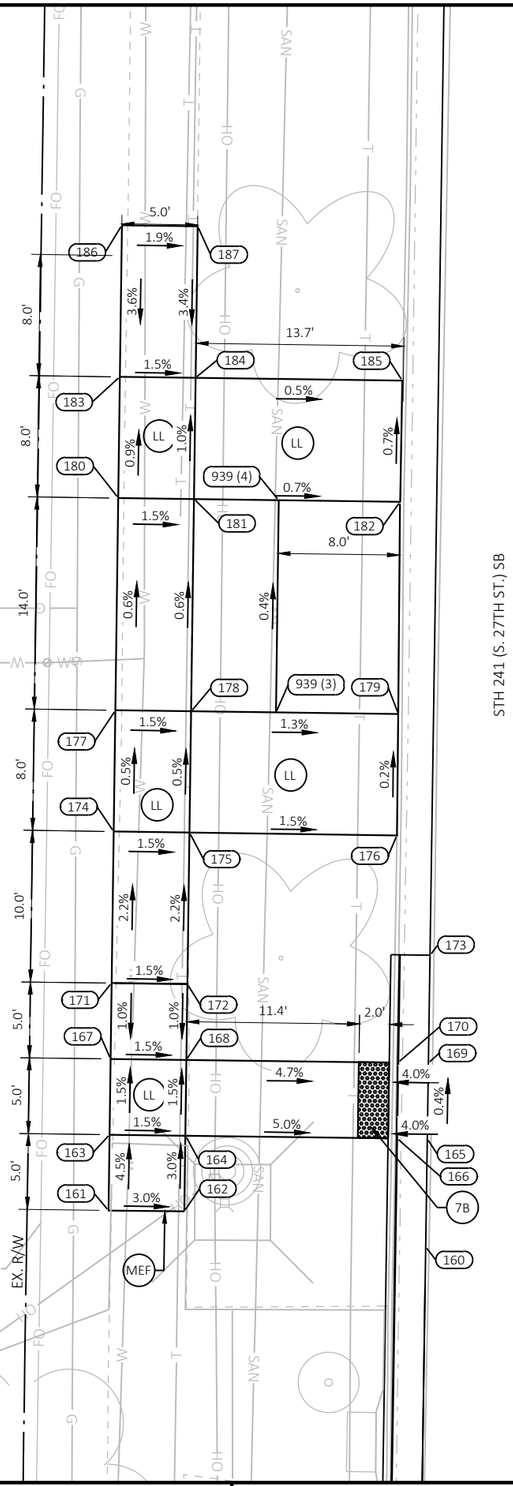
2

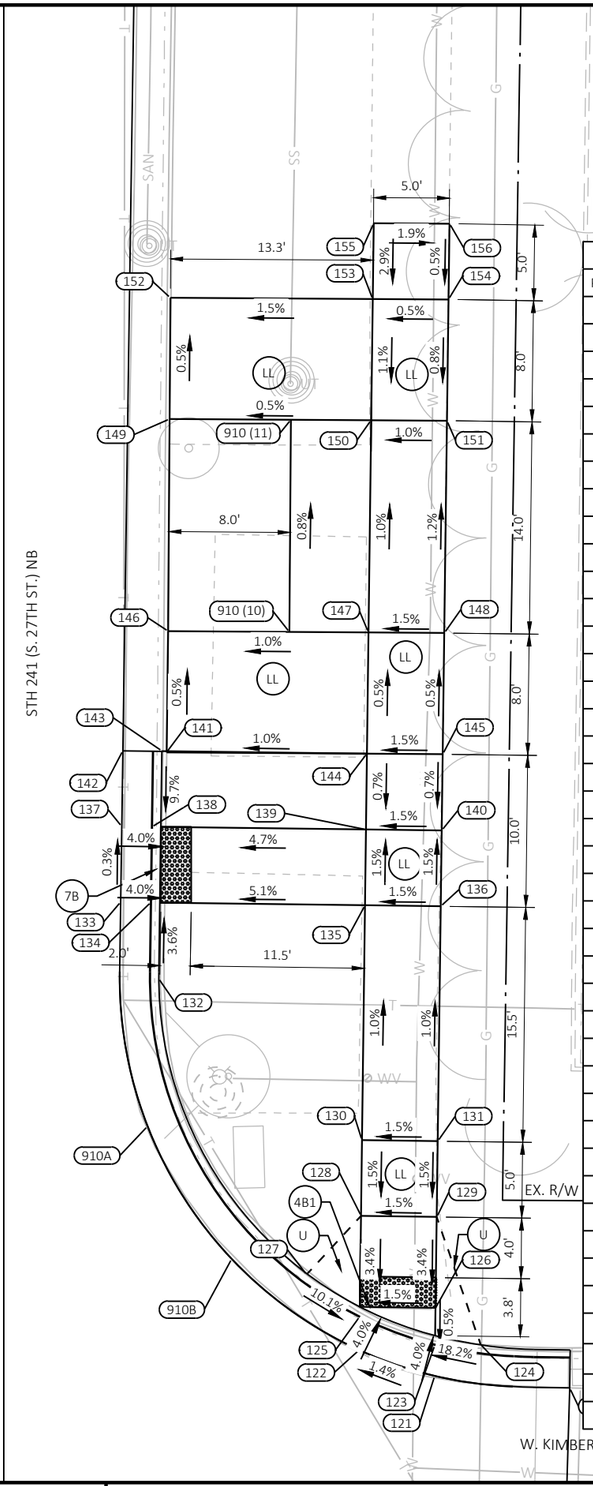
PEDESTRIAN CURB RAMP & BUS STOP
NW QUADRANT

KIMBERLY AVE NW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
160	1113+41.11	54.00' LT	777.43	261464.32	595253.51
161	1113+43.20	74.96' LT	778.34	261466.71	595232.58
162	1113+43.21	69.96' LT	778.18	261466.65	595237.58
163	1113+48.20	74.97' LT	778.11	261471.71	595232.65
164	1113+48.21	69.97' LT	778.04	261471.65	595237.65
165	1113+48.24	54.00' LT	777.41	261471.44	595253.62
166	1113+48.24	56.00' LT	777.33	261471.47	595251.62
167	1113+53.20	74.98' LT	778.04	261476.71	595232.72
168	1113+53.21	69.98' LT	777.96	261476.65	595237.72
169	1113+53.24	54.00' LT	777.39	261476.44	595253.69
170	1113+53.24	56.00' LT	777.31	261476.47	595251.70
171	1113+58.21	74.98' LT	778.09	261481.71	595232.79
172	1113+58.21	69.98' LT	778.01	261481.65	595237.79
173	1113+60.36	53.99' LT	777.34	261483.55	595253.81
174	1113+68.21	74.99' LT	777.86	261491.71	595232.92
175	1113+68.21	69.99' LT	777.79	261491.64	595237.92
176	1113+68.23	56.29' LT	777.58	261491.46	595251.63
177	1113+76.21	75.00' LT	777.82	261499.71	595233.03
178	1113+76.21	70.00' LT	777.75	261499.64	595238.03
179	1113+76.23	56.32' LT	777.57	261499.46	595251.71
180	1113+90.21	75.02' LT	777.74	261513.71	595233.22
181	1113+90.21	70.02' LT	777.67	261513.64	595238.22
182	1113+90.23	56.41' LT	777.57	261513.46	595251.83
183	1113+98.21	75.02' LT	777.66	261521.71	595233.33
184	1113+98.21	70.02' LT	777.59	261521.64	595238.33
185	1113+98.23	56.39' LT	777.51	261521.46	595251.97
186	1114+08.21	75.03' LT	778.02	261531.71	595233.46
187	1114+08.21	70.03' LT	777.92	261531.64	595238.46
939 (3)	1113+76.22	64.40' LT	777.68	261499.57	595243.63
939 (4)	1113+90.22	64.42' LT	777.63	261513.57	595243.82

LEGEND

- (X) CURB RAMP TYPE
- (XXXX) POINT NUMBER
- DETECTABLE WARNING FIELD
- (T) TRAVERSABLE FLARE
- (NT) PAVED NON-TRAVERSABLE
- (U) UNPAVED NON-TRAVERSABLE
- (MEF) MAXIMUM EXTENT FEASIBLE
- (LL) LEVEL LANDING





PEDESTRIAN CURB RAMP & BUS STOP
NE QUADRANT

N

2

KIMBERLY AVE NE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
120	1113+16.81	84.09' RT	778.21	261437.99	595391.24
121	1113+17.47	75.18' RT	778.07	261438.79	595382.34
122	1113+19.10	70.18' RT	777.99	261440.49	595377.36
123	1113+19.53	75.18' RT	777.98	261440.84	595382.36
124	1113+19.59	78.18' RT	778.54	261440.86	595385.36
125	1113+21.30	70.17' RT	777.90	261442.69	595377.39
126	1113+21.96	75.17' RT	777.99	261443.27	595382.39
127	1113+24.03	66.64' RT	778.33	261445.47	595373.89
128	1113+27.95	70.17' RT	778.12	261449.33	595377.48
129	1113+27.96	75.16' RT	778.19	261449.27	595382.47
130	1113+32.95	70.16' RT	778.19	261454.34	595377.54
131	1113+32.96	75.15' RT	778.27	261454.27	595382.54
132	1113+43.43	56.58' RT	777.53	261465.01	595364.12
133	1113+48.42	54.00' RT	777.40	261470.04	595361.61
134	1113+48.43	56.00' RT	777.32	261470.02	595363.61
135	1113+48.45	70.13' RT	778.04	261469.83	595377.74
136	1113+48.46	75.13' RT	778.11	261469.77	595382.74
137	1113+53.42	54.00' RT	777.38	261475.03	595361.68
138	1113+53.42	56.00' RT	777.30	261475.01	595363.68
139	1113+53.45	70.12' RT	777.96	261474.83	595377.80
140	1113+53.46	75.12' RT	778.04	261474.77	595382.80
141	1113+58.34	56.89' RT	777.87	261479.92	595364.65
142	1113+58.41	54.00' RT	777.36	261480.02	595361.76
143	1113+58.43	56.58' RT	777.81	261480.01	595364.34
144	1113+58.47	70.11' RT	778.00	261479.85	595377.87
145	1113+58.49	75.11' RT	778.07	261479.80	595382.87
146	1113+66.34	56.88' RT	777.82	261487.92	595364.75
147	1113+66.45	70.10' RT	777.96	261487.83	595377.97
148	1113+66.49	75.10' RT	778.03	261487.80	595382.97
149	1113+80.34	56.76' RT	777.75	261501.92	595364.84
150	1113+80.45	70.06' RT	777.82	261501.83	595378.14
151	1113+80.49	75.06' RT	777.87	261501.80	595383.14
152	1113+88.34	56.70' RT	777.71	261509.92	595364.89
153	1113+88.45	70.05' RT	777.91	261509.83	595378.24
154	1113+88.49	75.05' RT	777.93	261509.80	595383.24
155	1113+93.45	70.05' RT	778.05	261514.83	595378.32
156	1113+93.49	75.05' RT	777.96	261514.80	595383.32
910 (10)	1113+66.41	64.88' RT	778.28	261487.87	595372.75
910 (11)	1113+80.41	64.76' RT	778.01	261501.87	595372.84
910A	1113+33.66	55.99' RT	777.56	261455.25	595363.39
910B	1113+24.99	61.67' RT	777.82	261446.50	595368.94

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	INTERSECTION DETAILS (CURB RAMPS) W. KIMBERLY AVE.	SHEET 85	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\021101_ID_CURB RAMPS.DWG
LAYOUT NAME - 021103_id

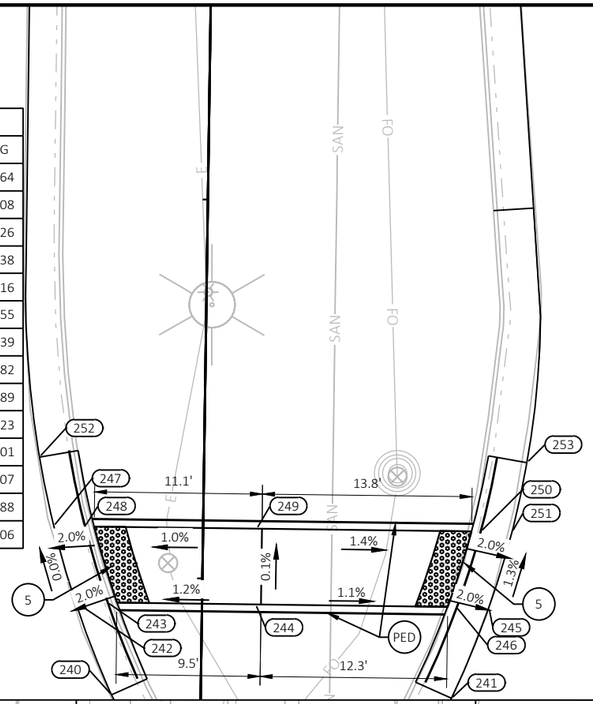
PLOT DATE : 11/20/2024 2:41 PM PLOT BY : STRASSER, JEFFREY PLOT NAME : PLOT SCALE : ##########

WISDOT/CADDS SHEET 42

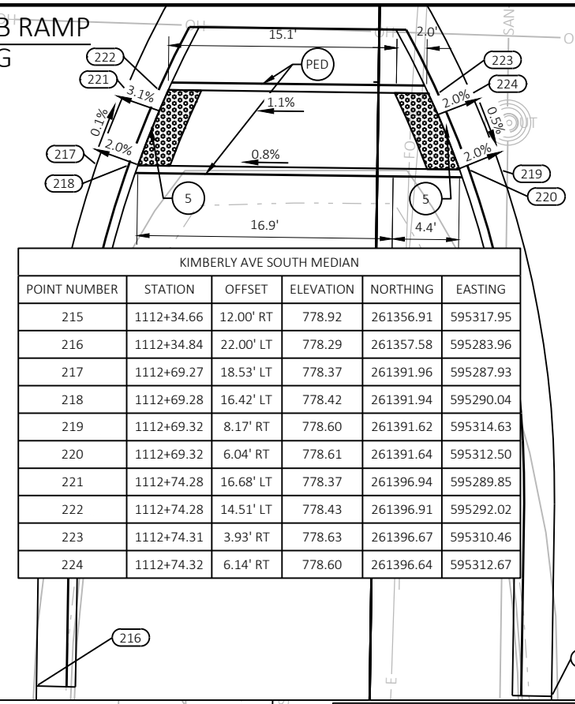
2

MEDIAN PEDESTRIAN CURB RAMP
N MEDIAN CROSSING

KIMBERLY AVE NORTH MEDIAN					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
240	1113+42.24	5.89' LT	778.31	261464.73	595301.64
241	1113+42.33	16.56' RT	778.33	261464.50	595324.08
242	1113+48.32	8.35' LT	778.28	261470.85	595299.26
243	1113+48.32	6.23' LT	778.33	261470.82	595301.38
244	1113+48.34	3.55' RT	778.44	261470.70	595311.16
245	1113+48.36	18.94' RT	778.25	261470.50	595326.55
246	1113+48.36	16.78' RT	778.30	261470.52	595324.39
247	1113+53.32	9.87' LT	778.28	261475.87	595297.82
248	1113+53.32	7.80' LT	778.32	261475.84	595299.89
249	1113+53.34	3.54' RT	778.44	261475.70	595311.23
250	1113+53.36	18.32' RT	778.23	261475.50	595326.01
251	1113+53.37	20.38' RT	778.18	261475.48	595328.07
252	1113+57.85	10.87' LT	778.20	261480.42	595296.88
253	1113+57.95	21.30' RT	778.10	261480.05	595329.06

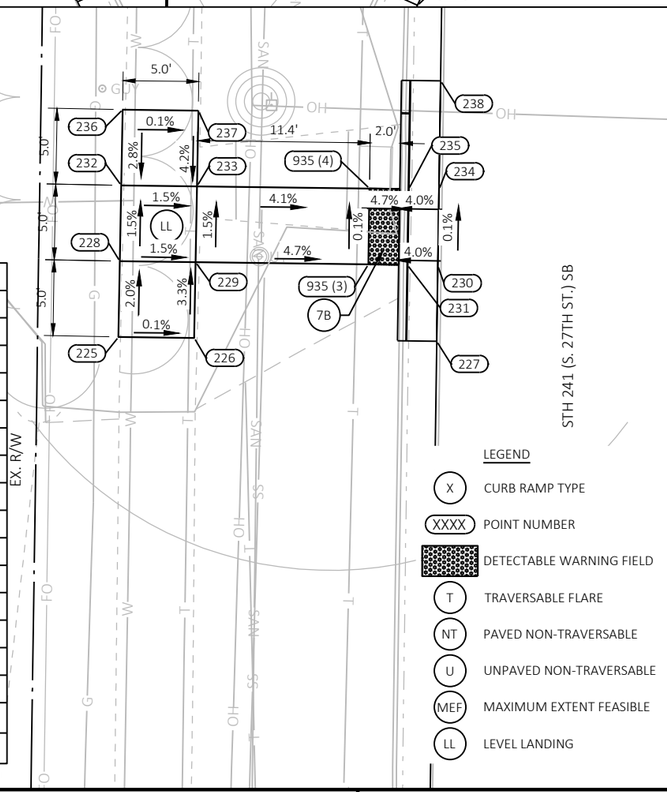


MEDIAN PEDESTRIAN CURB RAMP
S MEDIAN CROSSING



KIMBERLY AVE SOUTH MEDIAN					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
215	1112+34.66	12.00' RT	778.92	261356.91	595317.95
216	1112+34.84	22.00' LT	778.29	261357.58	595283.96
217	1112+69.27	18.53' LT	778.37	261391.96	595287.93
218	1112+69.28	16.42' LT	778.42	261391.94	595290.04
219	1112+69.32	8.17' RT	778.60	261391.62	595314.63
220	1112+69.32	6.04' RT	778.61	261391.64	595312.50
221	1112+74.28	16.68' LT	778.37	261396.94	595289.85
222	1112+74.28	14.51' LT	778.43	261396.91	595292.02
223	1112+74.31	3.93' RT	778.63	261396.67	595310.46
224	1112+74.32	6.14' RT	778.60	261396.64	595312.67

PEDESTRIAN CURB RAMP
SW QUADRANT

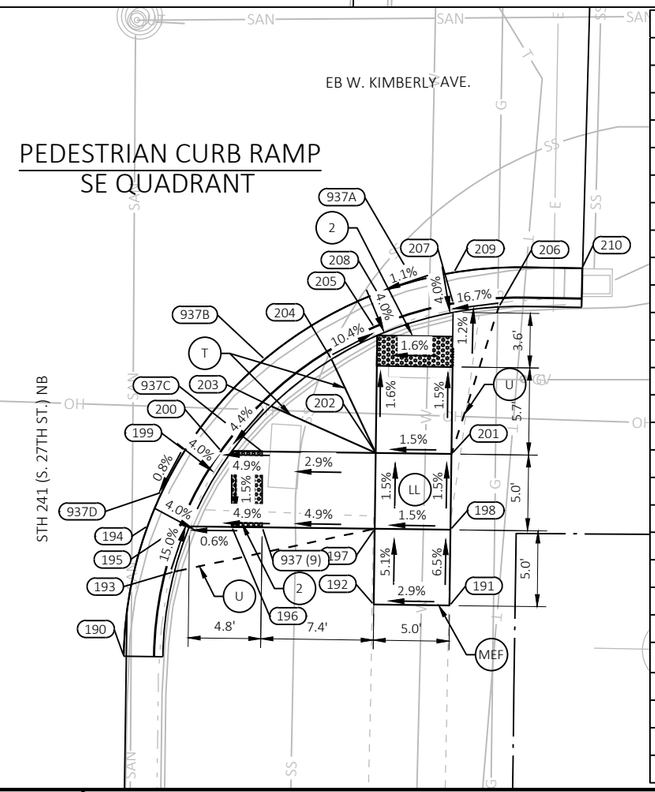


KIMBERLY AVE SW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
225	1112+64.18	75.01' LT	778.42	261387.69	595231.38
226	1112+64.19	70.01' LT	778.41	261387.63	595236.38
227	1112+64.21	54.01' LT	777.68	261387.42	595252.38
228	1112+69.18	74.99' LT	778.32	261392.69	595231.47
229	1112+69.19	69.99' LT	778.25	261392.63	595236.47
230	1112+69.21	54.01' LT	777.67	261392.42	595252.45
231	1112+69.21	56.01' LT	777.59	261392.45	595250.46
232	1112+74.18	74.97' LT	778.25	261397.69	595231.57
233	1112+74.19	69.97' LT	778.17	261397.63	595236.56
234	1112+74.21	54.00' LT	777.67	261397.41	595252.53
235	1112+74.21	56.00' LT	777.59	261397.45	595250.53
236	1112+79.18	74.95' LT	778.39	261402.69	595231.66
237	1112+79.19	69.95' LT	778.38	261402.63	595236.66
238	1112+81.38	54.00' LT	777.66	261404.59	595252.64
935 (3)	1112+69.21	58.59' LT	777.71	261392.48	595247.87
935 (4)	1112+74.21	58.59' LT	777.71	261397.48	595247.94

LEGEND

- X — CURB RAMP TYPE
- XXXX — POINT NUMBER
- DETECTABLE WARNING FIELD
- T — TRAVERSABLE FLARE
- NT — PAVED NON-TRAVERSABLE
- U — UNPAVED NON-TRAVERSABLE
- MEF — MAXIMUM EXTENT FEASIBLE
- LL — LEVEL LANDING

PEDESTRIAN CURB RAMP
SE QUADRANT



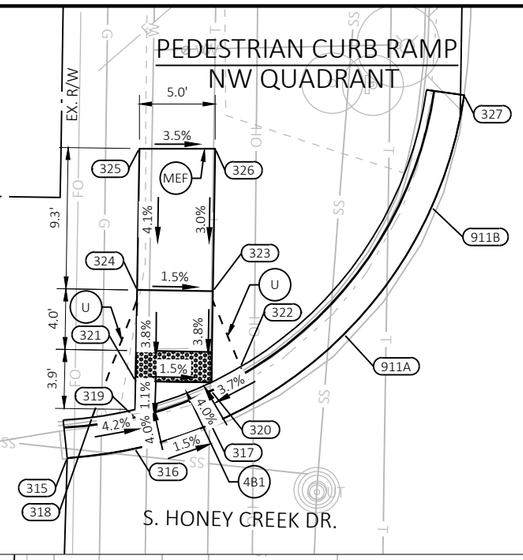
KIMBERLY AVE SE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
190	1112+60.78	53.83' RT	777.93	261382.41	595360.16
191	1112+64.43	75.27' RT	778.85	261385.75	595381.65
192	1112+64.43	70.27' RT	778.71	261385.81	595376.65
193	1112+66.40	57.09' RT	778.44	261387.99	595363.50
194	1112+69.40	55.29' RT	778.04	261391.01	595361.74
195	1112+69.40	57.42' RT	777.97	261390.98	595363.87
196	1112+69.41	60.84' RT	777.99	261390.94	595367.29
197	1112+69.42	70.26' RT	778.45	261390.81	595376.72
198	1112+69.43	75.25' RT	778.53	261390.75	595381.70
199	1112+74.41	57.66' RT	778.08	261395.98	595364.19
200	1112+74.41	60.05' RT	778.01	261395.95	595366.58
201	1112+74.43	75.25' RT	778.45	261395.75	595381.78
202	1112+74.43	70.25' RT	778.38	261395.81	595376.78
203	1112+77.41	63.32' RT	778.24	261398.90	595369.89
204	1112+80.56	67.24' RT	778.61	261401.99	595373.86
205	1112+82.72	70.03' RT	778.27	261404.11	595376.68
206	1112+84.18	78.24' RT	778.82	261405.45	595384.91
207	1112+84.37	75.24' RT	778.30	261405.69	595381.91
208	1112+84.98	70.24' RT	778.34	261406.37	595376.92
209	1112+86.40	75.23' RT	778.39	261407.72	595381.93
210	1112+86.81	83.70' RT	778.45	261408.00	595390.40
937 (9)	1112+69.41	62.84' RT	778.09	261390.91	595369.29
937A	1112+85.79	72.61' RT	778.37	261407.14	595379.30
937B	1112+80.50	62.85' RT	778.14	261402.00	595369.47
937C	1112+74.41	62.76' RT	778.16	261395.91	595369.29
937D	1112+71.63	56.19' RT	778.04	261393.22	595362.67

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	INTERSECTION DETAILS (CURB RAMPS) W. KIMBERLY AVE.	SHEET 86	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\021101_ID_CURB RAMPS.DWG
LAYOUT NAME - 021104_id
PLOT DATE : 11/20/2024 2:42 PM PLOT BY : STRASSER, JEFFREY PLOT NAME : PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

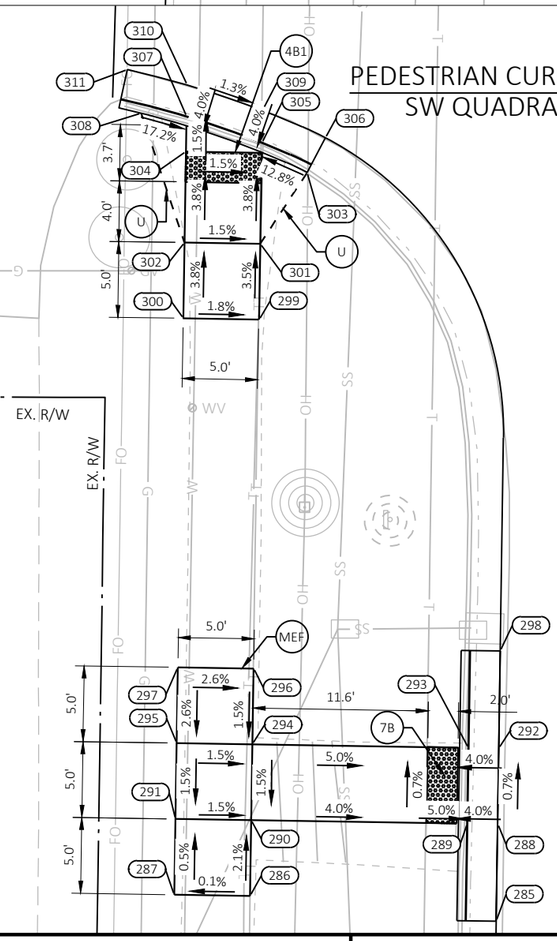
PEDESTRIAN CURB RAMP NW QUADRANT

HONEYCREEK DR NW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
315	1116+67.87	79.61' LT	776.34	261791.41	595232.69
316	1116+68.57	75.17' LT	776.29	261792.04	595237.14
317	1116+70.24	70.17' LT	776.22	261793.65	595242.17
318	1116+70.58	78.01' LT	776.34	261794.10	595234.33
319	1116+70.63	75.17' LT	776.21	261794.10	595237.17
320	1116+72.43	70.17' LT	776.12	261795.84	595242.20
321	1116+73.03	75.17' LT	776.23	261796.50	595237.21
322	1116+74.06	68.26' LT	776.24	261797.43	595244.13
323	1116+79.02	70.16' LT	776.39	261802.42	595242.31
324	1116+79.03	75.16' LT	776.46	261802.50	595237.31
325	1116+88.35	75.15' LT	776.84	261811.82	595237.45
326	1116+88.42	70.15' LT	776.66	261811.82	595242.46
327	1116+92.19	53.76' LT	776.09	261815.35	595258.89
911A	1116+76.31	61.46' LT	776.14	261799.58	595250.96
911B	1116+84.76	55.81' LT	776.09	261807.95	595256.74



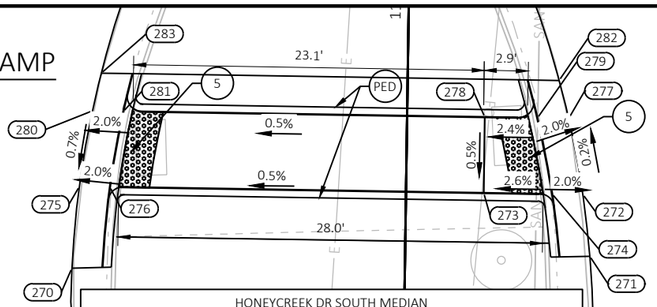
PEDESTRIAN CURB RAMP SW QUADRANT

HONEYCREEK DR. SW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
285	1115+80.33	54.01' LT	775.97	261703.51	595257.01
286	1115+81.77	70.27' LT	776.58	261705.19	595240.77
287	1115+81.78	75.27' LT	776.57	261705.27	595235.77
288	1115+86.76	54.00' LT	775.95	261709.93	595257.12
289	1115+86.76	56.01' LT	775.87	261709.96	595255.10
290	1115+86.77	70.27' LT	776.47	261710.19	595240.85
291	1115+86.78	75.27' LT	776.55	261710.26	595235.85
292	1115+91.75	54.00' LT	775.92	261714.93	595257.18
293	1115+91.76	56.00' LT	775.84	261714.96	595255.18
294	1115+91.77	70.26' LT	776.55	261715.18	595240.92
295	1115+91.78	75.26' LT	776.62	261715.26	595235.92
296	1115+96.77	70.26' LT	776.62	261720.18	595241.00
297	1115+96.78	75.26' LT	776.75	261720.26	595236.00
298	1115+98.17	54.00' LT	775.86	261721.35	595257.28
299	1116+19.79	70.23' LT	776.59	261743.20	595241.37
300	1116+19.81	75.23' LT	776.68	261743.29	595236.37
301	1116+24.79	70.22' LT	776.42	261748.20	595241.45
302	1116+24.81	75.22' LT	776.49	261748.29	595236.45
303	1116+29.54	67.20' LT	776.48	261752.90	595244.54
304	1116+30.81	75.22' LT	776.26	261754.29	595236.54
305	1116+31.46	70.21' LT	776.15	261754.87	595241.55
306	1116+31.84	66.03' LT	776.19	261755.19	595245.74
307	1116+33.13	75.21' LT	776.23	261756.61	595236.58
308	1116+33.30	78.21' LT	776.43	261756.83	595233.58
309	1116+33.60	70.21' LT	776.25	261757.01	595241.59
310	1116+35.21	75.21' LT	776.31	261758.69	595236.61
311	1116+36.16	79.17' LT	776.36	261759.69	595232.67



MEDIAN PEDESTRIAN CURB RAMP SOUTH MEDIAN

STH 241 (S. 27TH ST.) NB



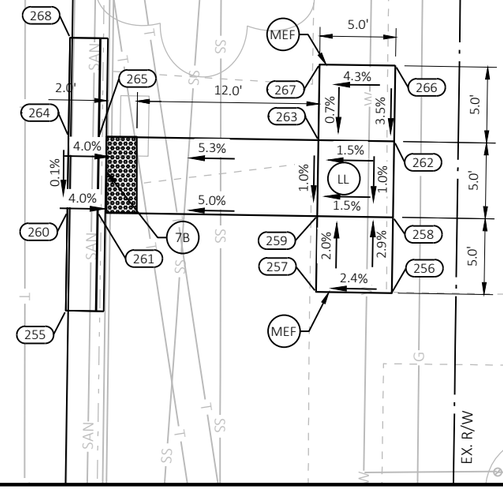
HONEYCREEK DR SOUTH MEDIAN					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
270	1115+81.32	21.96' LT	776.59	261704.03	595289.07
271	1115+82.61	12.20' RT	776.89	261704.81	595323.24
272	1115+86.68	11.67' RT	776.87	261708.89	595322.77
273	1115+86.68	5.12' RT	776.79	261708.99	595316.23
274	1115+86.68	9.64' RT	776.91	261708.92	595320.75
275	1115+86.71	21.55' LT	776.62	261709.41	595289.55
276	1115+86.71	19.54' LT	776.66	261709.38	595291.57
277	1115+91.68	10.66' RT	776.86	261713.90	595321.84
278	1115+91.68	5.13' RT	776.81	261713.99	595316.31
279	1115+91.68	8.60' RT	776.90	261713.94	595319.78
280	1115+91.71	20.77' LT	776.65	261714.40	595290.41
281	1115+91.71	18.73' LT	776.69	261714.37	595292.45
282	1115+94.18	10.00' RT	776.87	261716.41	595321.21
283	1115+94.21	20.22' LT	776.67	261716.89	595291.00

LEGEND

- (X) CURB RAMP TYPE
- (XXXX) POINT NUMBER
- DETECTABLE WARNING FIELD
- (T) TRAVERSABLE FLARE
- (NT) PAVED NON-TRAVERSABLE
- (U) UNPAVED NON-TRAVERSABLE
- (MEF) MAXIMUM EXTENT FEASIBLE
- (LL) LEVEL LANDING

PEDESTRIAN CURB RAMP SE QUADRANT

STH 241 (S. 27TH ST.) NB



HONEYCREEK DR SE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
255	1115+80.12	53.87' RT	776.17	261701.72	595364.87
256	1115+81.60	75.35' RT	777.03	261702.88	595386.37
257	1115+81.60	70.35' RT	776.91	261702.96	595381.37
258	1115+86.60	75.36' RT	776.89	261707.88	595386.45
259	1115+86.60	70.36' RT	776.81	261707.96	595381.45
260	1115+86.62	53.87' RT	776.17	261708.22	595364.97
261	1115+86.62	55.87' RT	776.09	261708.19	595366.97
262	1115+91.60	75.36' RT	776.94	261712.88	595386.53
263	1115+91.60	70.36' RT	776.86	261712.96	595381.53
264	1115+91.62	53.88' RT	776.17	261713.22	595365.05
265	1115+91.62	55.88' RT	776.09	261713.19	595367.05
266	1115+96.60	75.37' RT	777.11	261717.88	595386.61
267	1115+96.60	70.37' RT	776.90	261717.96	595381.61
268	1115+98.12	53.88' RT	776.17	261719.72	595365.15

N

2

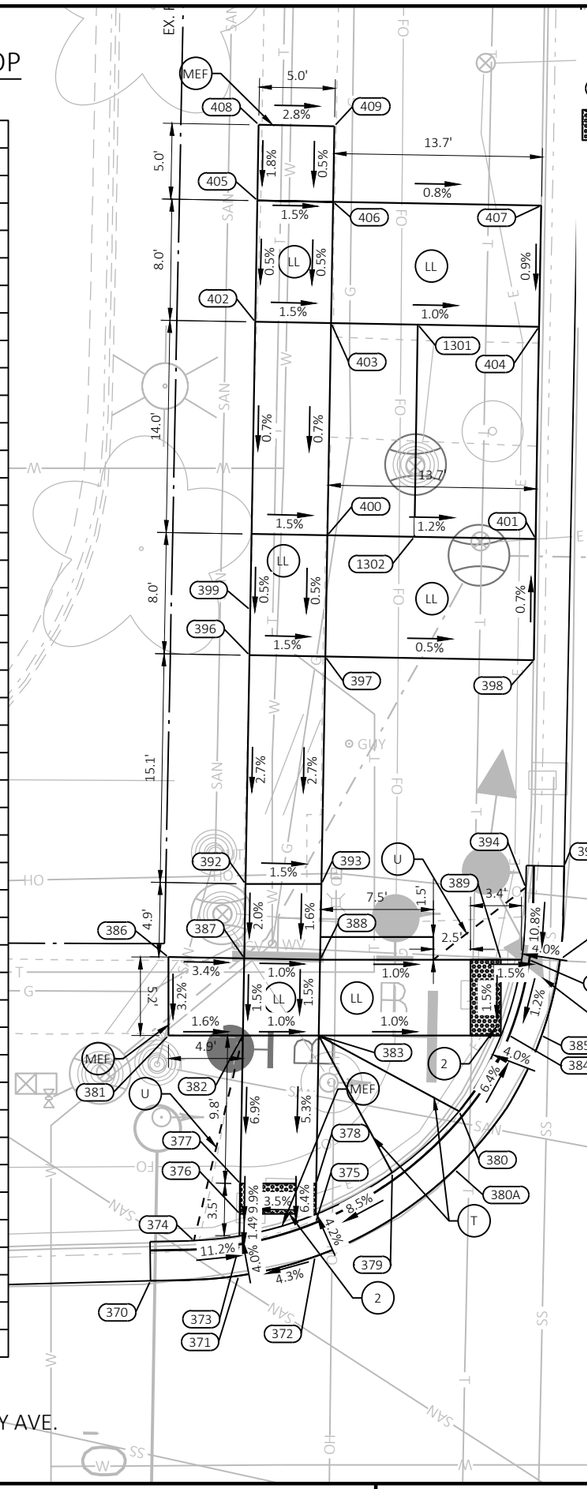
PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY:	INTERSECTION DETAILS (CURB RAMPS) S. HONEY CREEK DR.	SHEET 87	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\021101_ID_CURB RAMPS.DWG
LAYOUT NAME - 021105_id
PLOT DATE : 11/20/2024 2:43 PM PLOT BY : STRASSER, JEFFREY PLOT NAME : PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

2

PEDESTRIAN CURB RAMP & BUS STOP
NW QUADRANT

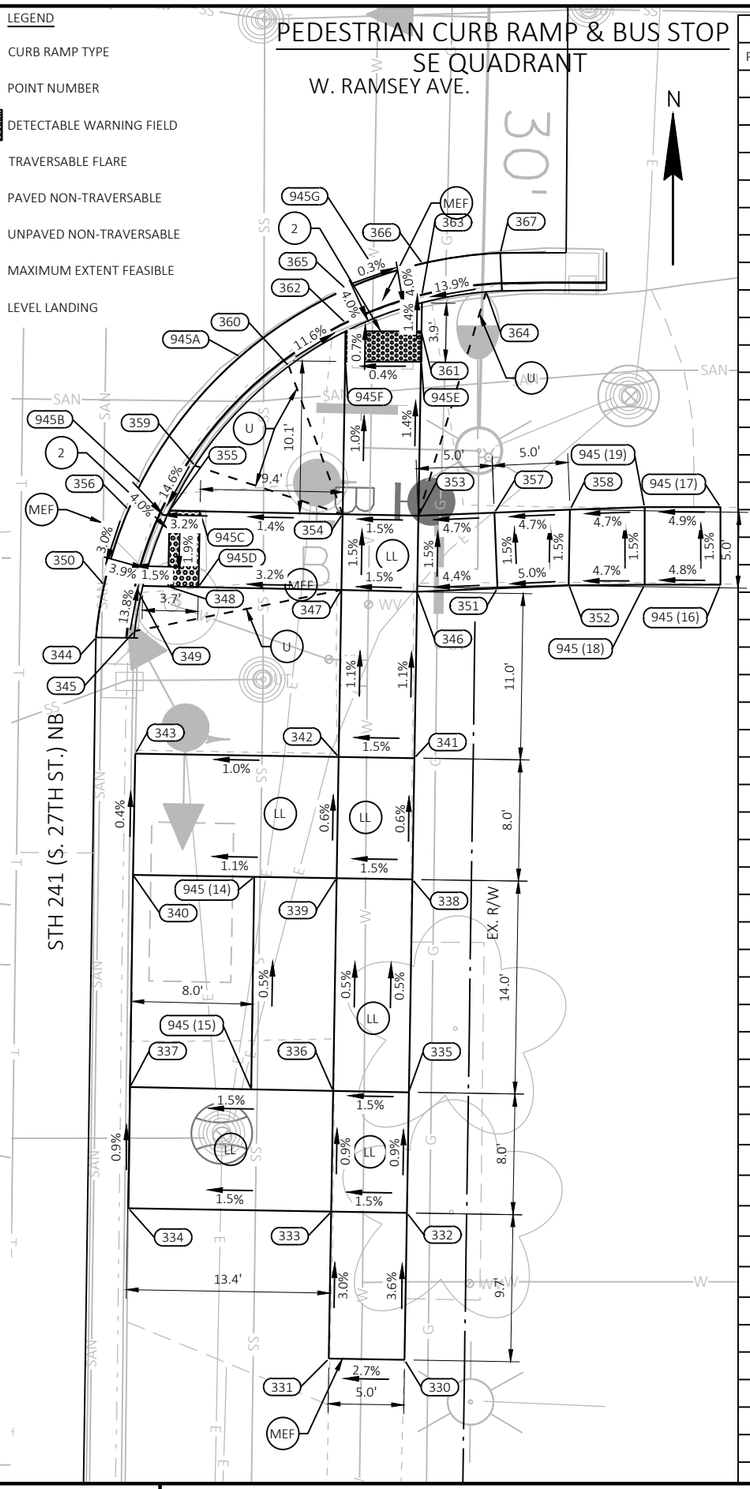
RAMSEY AVE NW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
370	1126+61.94	80.74' LT	771.01	262785.81	595246.23
371	1126+62.37	74.93' LT	771.19	262786.13	595252.05
372	1126+63.73	69.93' LT	771.39	262787.39	595257.08
373	1126+64.44	74.93' LT	771.13	262788.20	595252.09
374	1126+64.63	77.93' LT	771.47	262788.44	595249.09
375	1126+65.97	69.93' LT	771.37	262789.63	595257.12
376	1126+66.46	74.93' LT	771.16	262790.22	595252.13
377	1126+68.46	74.94' LT	771.53	262792.22	595252.16
378	1126+68.56	69.94' LT	771.69	262792.22	595257.16
379	1126+69.37	64.94' LT	771.82	262792.93	595262.17
380	1126+73.52	60.61' LT	772.22	262796.99	595266.59
380A	1126+69.66	60.82' LT	771.72	262793.14	595266.30
381	1126+78.13	79.88' LT	772.11	262801.99	595247.42
382	1126+78.23	74.97' LT	772.03	262801.99	595252.33
383	1126+78.33	69.97' LT	771.98	262801.99	595257.33
384	1126+78.58	57.41' LT	771.84	262801.99	595269.89
385	1126+78.62	55.28' LT	771.95	262801.99	595272.02
386	1126+83.31	79.98' LT	772.27	262807.16	595247.42
387	1126+83.32	74.98' LT	772.10	262807.07	595252.42
388	1126+83.33	69.98' LT	772.05	262806.99	595257.42
389	1126+83.57	58.05' LT	771.93	262806.99	595269.35
390	1126+83.61	56.18' LT	771.90	262806.99	595271.21
391	1126+83.65	54.16' LT	771.98	262806.99	595273.23
392	1126+88.23	74.99' LT	772.20	262811.99	595252.50
393	1126+88.33	69.99' LT	772.13	262811.99	595257.50
394	1126+88.37	56.50' LT	772.43	262811.75	595270.99
395	1126+89.82	54.00' LT	772.03	262813.15	595273.52
396	1127+03.32	75.03' LT	772.60	262827.07	595252.76
397	1127+03.33	70.03' LT	772.53	262826.99	595257.76
398	1127+03.37	56.27' LT	772.46	262826.75	595271.52
399	1127+06.32	75.04' LT	772.62	262830.07	595252.81
400	1127+11.33	70.05' LT	772.57	262834.98	595257.90
401	1127+11.37	56.31' LT	772.40	262834.75	595271.64
402	1127+25.32	75.09' LT	772.74	262849.07	595253.14
403	1127+25.33	70.09' LT	772.66	262848.98	595258.14
404	1127+25.37	56.36' LT	772.53	262848.75	595271.86
405	1127+33.32	75.11' LT	772.78	262857.07	595253.28
406	1127+33.33	70.11' LT	772.71	262856.98	595258.28
407	1127+33.37	56.39' LT	772.60	262856.74	595272.00
408	1127+38.32	75.12' LT	772.87	262862.07	595253.37
409	1127+38.33	70.12' LT	772.73	262861.98	595258.37
1301	1127+25.35	64.37' LT	772.61	262848.88	595263.86
1302	1127+11.35	64.31' LT	772.50	262834.89	595263.64



LEGEND

- (X) CURB RAMP TYPE
- (XXXX) POINT NUMBER
- DETECTABLE WARNING FIELD
- (T) TRAVERSABLE FLARE
- (NT) PAVED NON-TRAVERSABLE
- (U) UNPAVED NON-TRAVERSABLE
- (MEF) MAXIMUM EXTENT FEASIBLE
- (LL) LEVEL LANDING

PEDESTRIAN CURB RAMP & BUS STOP
SE QUADRANT
W. RAMSEY AVE.



RAMSEY AVE SE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
330	1125+46.77	75.21' RT	773.23	262667.95	595400.36
331	1125+46.78	70.21' RT	773.10	262668.03	595395.37
332	1125+56.47	75.23' RT	772.88	262677.65	595400.52
333	1125+56.48	70.23' RT	772.81	262677.73	595395.52
334	1125+56.50	56.85' RT	772.61	262677.95	595382.14
335	1125+64.42	75.23' RT	772.81	262685.60	595400.64
336	1125+64.44	70.24' RT	772.74	262685.69	595395.65
337	1125+64.50	56.84' RT	772.54	262685.95	595382.25
338	1125+78.47	75.27' RT	772.74	262699.65	595400.88
339	1125+78.48	70.27' RT	772.67	262699.73	595395.88
340	1125+78.50	56.83' RT	772.51	262699.95	595382.45
341	1125+86.47	75.28' RT	772.69	262707.65	595401.01
342	1125+86.48	70.28' RT	772.62	262707.73	595396.01
343	1125+86.50	56.86' RT	772.48	262707.95	595382.60
344	1125+94.13	54.18' RT	772.10	262715.61	595380.02
345	1125+94.58	56.70' RT	772.52	262716.02	595382.55
346	1125+97.45	75.30' RT	772.57	262718.63	595401.19
347	1125+97.49	70.30' RT	772.50	262718.74	595396.19
348	1125+97.56	58.86' RT	772.13	262718.98	595384.76
349	1125+97.57	56.68' RT	772.10	262719.01	595382.58
350	1125+97.58	54.65' RT	772.16	262719.05	595380.54
351	1125+97.75	80.60' RT	772.81	262718.84	595406.49
352	1125+98.06	85.30' RT	773.04	262719.09	595411.20
353	1126+02.46	75.30' RT	772.50	262723.63	595401.27
354	1126+02.49	70.30' RT	772.42	262723.74	595396.27
355	1126+02.56	58.89' RT	772.22	262723.98	595384.86
356	1126+02.58	56.18' RT	772.32	262724.03	595382.15
357	1126+02.74	80.32' RT	772.73	262723.84	595406.29
358	1126+03.02	85.31' RT	772.97	262724.04	595411.28
359	1126+05.55	60.52' RT	772.72	262726.94	595386.53
360	1126+12.21	66.62' RT	772.82	262733.51	595392.73
361	1126+14.63	75.33' RT	772.32	262735.80	595401.47
362	1126+15.12	70.32' RT	772.31	262736.36	595396.47
363	1126+17.03	75.32' RT	772.29	262738.20	595401.50
364	1126+17.30	79.56' RT	772.89	262738.41	595405.75
365	1126+17.35	70.33' RT	772.38	262738.59	595396.52
366	1126+19.10	75.34' RT	772.37	262740.27	595401.55
367	1126+19.88	80.46' RT	772.49	262740.97	595406.68
945 (14)	1125+78.49	64.83' RT	772.59	262699.82	595390.45
945 (15)	1125+64.46	64.84' RT	772.66	262685.79	595390.25
945 (16)	1125+98.21	95.30' RT	773.52	262719.09	595421.20
945 (17)	1126+03.32	95.23' RT	773.44	262724.20	595421.21
945 (18)	1125+98.14	90.30' RT	773.28	262719.09	595416.20
945 (19)	1126+03.25	90.23' RT	773.20	262724.20	595416.21
945A	1126+12.79	63.40' RT	772.43	262734.13	595389.51
945B	1126+04.35	56.98' RT	772.29	262725.79	595382.97
945C	1126+02.55	60.89' RT	772.29	262723.93	595386.86
945D	1125+97.55	60.86' RT	772.19	262718.94	595386.76
945E	1126+12.63	75.36' RT	772.34	262733.80	595401.47
945F	1126+12.56	70.36' RT	772.32	262733.80	595396.47
945G	1126+18.23	72.49' RT	772.35	262739.45	595398.69

2

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	INTERSECTION DETAILS (CURB RAMPS) W. RAMSEY AVE.	SHEET 88	E

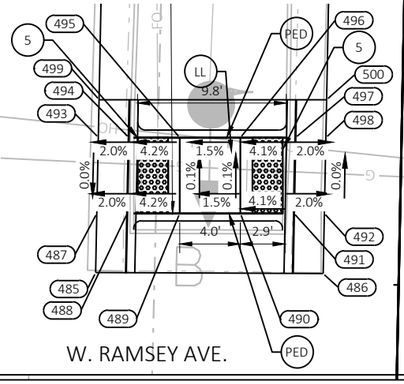
FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\021101_ID_CURB RAMPS.DWG
LAYOUT NAME - 021106_id

PLOT DATE : 11/20/2024 2:43 PM PLOT BY : STRASSER, JEFFREY PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 42

2

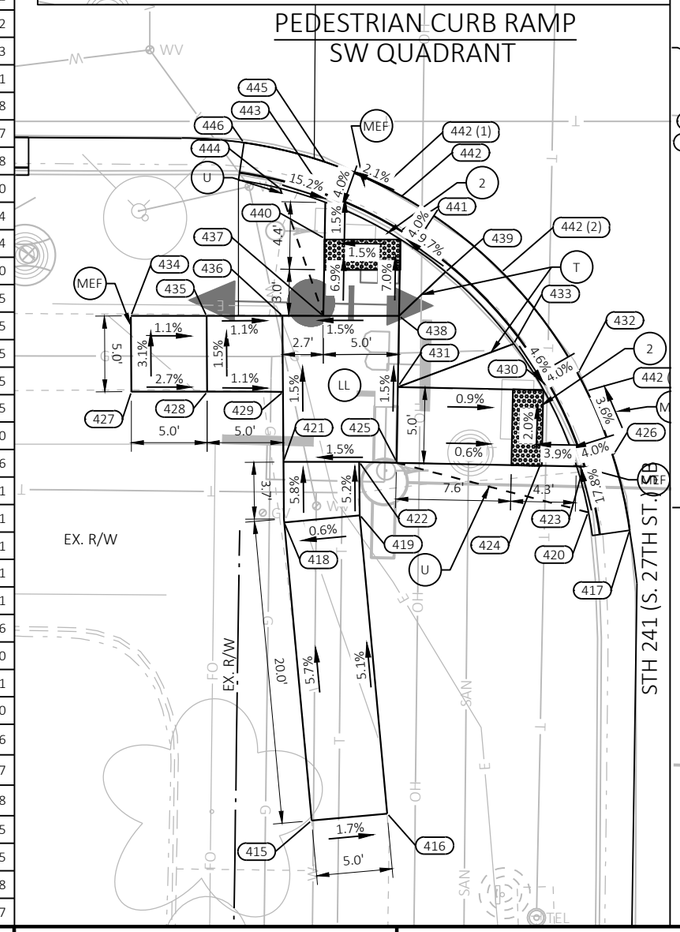
MEDIAN PEDESTRIAN CURB RAMP
NORTH MEDIAN



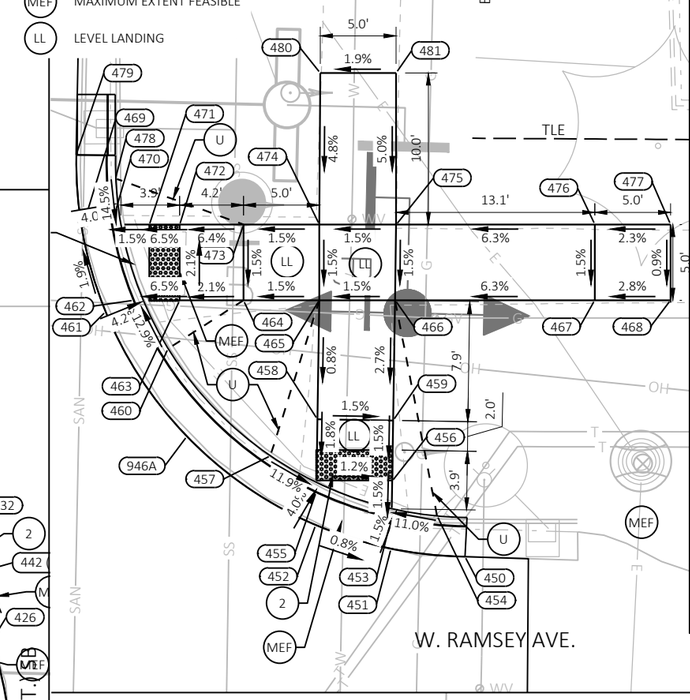
RAMSEY AVE N MEDIAN					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
485	1126+75.42	20.00' LT	772.88	262798.08	595307.23
486	1126+75.66	5.00' LT	773.24	262798.03	595322.23
487	1126+79.33	20.00' LT	772.88	262801.99	595307.31
488	1126+79.37	18.00' LT	772.80	262801.99	595309.31
489	1126+79.44	14.53' LT	772.93	262801.99	595312.78
490	1126+79.51	10.53' LT	772.99	262801.99	595316.78
491	1126+79.59	7.00' LT	773.16	262801.99	595320.31
492	1126+79.62	5.00' LT	773.24	262801.99	595322.31
493	1126+84.33	20.00' LT	772.88	262806.99	595307.41
494	1126+84.37	18.00' LT	772.80	262806.99	595309.41
495	1126+84.43	14.63' LT	772.95	262806.99	595312.78
496	1126+84.51	10.63' LT	773.01	262806.99	595316.78
497	1126+84.59	7.00' LT	773.16	262806.99	595320.41
498	1126+84.63	5.00' LT	773.24	262806.99	595322.41
499	1126+86.83	20.00' LT	772.89	262809.49	595307.46
500	1126+87.13	5.00' LT	773.23	262809.49	595322.46

RAMSEY AVE SW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
415	1125+74.70	75.23' LT	773.16	262698.08	595250.34
416	1125+75.23	70.26' LT	773.08	262698.53	595255.32
417	1125+94.16	54.54' LT	772.14	262717.23	595271.32
418	1125+94.34	77.33' LT	772.04	262717.75	595248.53
419	1125+94.90	72.37' LT	772.07	262718.24	595253.51
420	1125+95.31	57.29' LT	772.53	262718.42	595268.58
421	1125+98.33	77.45' LT	771.81	262721.74	595248.47
422	1125+98.40	72.44' LT	771.89	262721.74	595253.48
423	1125+98.42	57.62' LT	771.94	262721.54	595268.30
424	1125+98.42	60.48' LT	771.87	262721.58	595265.44
425	1125+98.44	69.98' LT	771.93	262721.74	595255.94
426	1125+99.05	55.73' LT	772.02	262722.14	595270.20
427	1126+02.82	87.54' LT	771.93	262726.38	595238.45
428	1126+02.89	82.54' LT	771.80	262726.38	595243.45
429	1126+02.94	77.54' LT	771.74	262726.35	595248.45
430	1126+03.42	59.85' LT	771.73	262726.57	595266.15
431	1126+03.44	69.94' LT	771.85	262726.74	595256.05
432	1126+04.42	58.11' LT	771.81	262727.55	595267.90
433	1126+06.34	62.38' LT	771.93	262729.53	595263.66
434	1126+07.82	87.65' LT	771.78	262731.38	595238.41
435	1126+07.86	82.65' LT	771.72	262731.34	595243.41
436	1126+07.96	77.65' LT	771.67	262731.38	595248.41
437	1126+08.00	74.95' LT	771.71	262731.38	595251.11
438	1126+08.08	69.95' LT	771.78	262731.38	595256.11
439	1126+11.01	66.95' LT	771.78	262734.27	595259.16
440	1126+13.11	74.94' LT	771.35	262736.48	595251.20
441	1126+13.69	69.94' LT	771.44	262736.99	595256.21
442	1126+15.90	69.98' LT	771.50	262739.20	595256.20
442 (1)	1126+16.60	71.13' LT	771.44	262739.91	595255.06
442 (2)	1126+11.06	63.24' LT	771.58	262734.26	595262.87
442 (3)	1126+03.32	57.52' LT	771.86	262726.44	595268.48
443	1126+16.02	74.93' LT	771.31	262739.39	595251.25
444	1126+16.37	77.93' LT	771.79	262739.78	595248.25
445	1126+18.06	74.93' LT	771.38	262741.43	595251.28
446	1126+19.35	80.36' LT	771.26	262742.80	595245.87

PEDESTRIAN CURB RAMP
SW QUADRANT



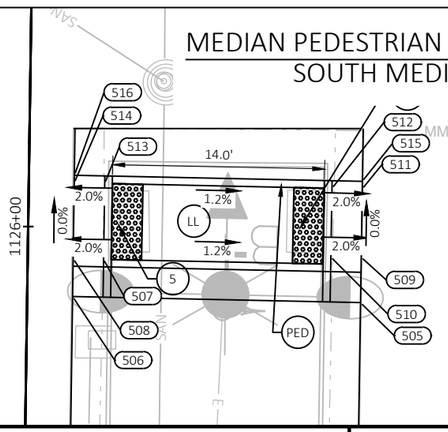
PEDESTRIAN CURB RAMP
NE QUADRANT



RAMSEY AVE NE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
450	1126+64.40	80.17' RT	772.20	262785.08	595407.16
451	1126+64.83	75.29' RT	772.31	262785.60	595402.29
452	1126+66.29	70.28' RT	772.35	262787.16	595397.31
453	1126+66.87	75.28' RT	772.23	262787.64	595402.32
454	1126+67.06	78.28' RT	772.58	262787.77	595405.32
455	1126+68.46	70.27' RT	772.28	262789.33	595397.35
456	1126+69.29	75.27' RT	772.27	262790.06	595402.36
457	1126+70.79	67.20' RT	772.74	262791.72	595394.32
458	1126+73.28	70.26' RT	772.41	262794.14	595397.42
459	1126+73.29	75.26' RT	772.33	262794.06	595402.42
460	1126+77.73	60.31' RT	772.60	262798.80	595387.57
461	1126+80.08	56.14' RT	772.21	262801.23	595383.44
462	1126+80.88	57.97' RT	772.13	262801.99	595385.29
463	1126+80.94	61.01' RT	772.30	262801.99	595388.34
464	1126+81.02	65.23' RT	772.39	262801.99	595392.55
465	1126+81.12	70.23' RT	772.47	262801.99	595397.55
466	1126+81.22	75.23' RT	772.54	262801.99	595402.55
467	1126+81.48	88.40' RT	773.37	262801.99	595415.73
468	1126+81.58	93.40' RT	773.51	262801.99	595420.73
469	1126+85.47	54.47' RT	772.11	262806.65	595381.89
470	1126+85.85	56.44' RT	772.03	262806.99	595383.86
471	1126+85.86	58.91' RT	772.07	262806.95	595386.34
472	1126+85.90	60.91' RT	772.20	262806.95	595388.34
473	1126+86.02	65.13' RT	772.47	262806.99	595392.55
474	1126+86.12	70.13' RT	772.54	262806.99	595397.55
475	1126+86.20	75.20' RT	772.62	262806.96	595402.62
476	1126+86.48	88.30' RT	773.44	262806.99	595415.73
477	1126+86.58	93.30' RT	773.56	262806.99	595420.73
478	1126+88.89	56.63' RT	772.48	262810.02	595384.11
479	1126+90.40	54.00' RT	772.02	262811.59	595381.51
480	1126+96.12	70.00' RT	773.02	262816.99	595397.62
481	1126+96.22	75.00' RT	773.11	262816.99	595402.62
946A	1126+71.96	61.68' RT	772.19	262793.00	595388.82

RAMSEY AVE SOUTH MEDIAN					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
505	1125+95.30	22.00' RT	773.20	262717.25	595347.87
506	1125+95.42	3.00' RT	773.38	262717.65	595328.87
507	1125+97.91	5.00' RT	773.30	262720.11	595330.90
508	1125+97.92	3.00' RT	773.38	262720.15	595328.91
509	1125+98.28	22.00' RT	773.20	262720.24	595347.91
510	1125+98.29	20.00' RT	773.12	262720.27	595345.91
511	1126+02.80	22.00' RT	773.20	262724.75	595347.98
512	1126+02.81	20.00' RT	773.12	262724.79	595345.97
513	1126+02.91	5.00' RT	773.30	262725.11	595330.98
514	1126+02.92	3.00' RT	773.38	262725.15	595328.98
515	1126+03.30	22.00' RT	773.20	262725.25	595347.98
516	1126+03.42	3.00' RT	773.38	262725.65	595328.99

MEDIAN PEDESTRIAN CURB RAMP
SOUTH MEDIAN

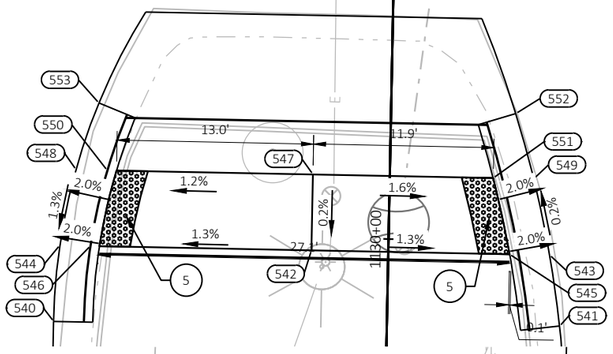


PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	INTERSECTION DETAILS (CURB RAMPS) W. RAMSEY AVE.	SHEET 89	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\021101_ID_CURB RAMPS.DWG
LAYOUT NAME - 021107_id
PLOT DATE : 11/20/2024 2:44 PM PLOT BY : STRASSER, JEFFREY PLOT NAME : PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

GOLDCREST AVE. SOUTH MEDIAN					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
540	1129+94.12	22.00' LT	774.28	263116.76	595311.57
541	1129+94.49	11.39' RT	774.43	263116.46	595344.96
542	1129+99.16	5.08' LT	774.63	263121.46	595328.59
543	1129+99.16	10.64' RT	774.41	263121.15	595344.30
544	1129+99.16	21.68' LT	774.39	263121.79	595311.99
545	1129+99.16	8.01' RT	774.45	263121.20	595341.67
546	1129+99.16	19.66' LT	774.43	263121.75	595314.01
547	1130+04.16	5.08' LT	774.63	263126.46	595328.69
548	1130+04.16	20.72' LT	774.45	263126.77	595313.05
549	1130+04.16	9.50' RT	774.39	263126.17	595343.26
550	1130+04.16	18.65' LT	774.50	263126.73	595315.12
551	1130+04.16	6.82' RT	774.44	263126.22	595340.59
552	1130+08.44	8.22' RT	774.41	263130.48	595342.07
553	1130+08.59	19.29' LT	774.49	263131.17	595314.57

MEDIAN PEDESTRIAN CURB RAMP
SOUTH MEDIAN



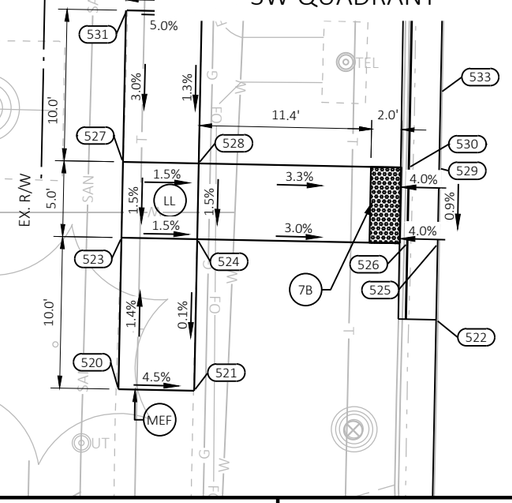
STH 241 (S. 27TH ST.) NB

LEGEND

- (X) CURB RAMP TYPE
- (XXXX) POINT NUMBER
- DETECTABLE WARNING FIELD
- (T) TRAVERSABLE FLARE
- (NT) PAVED NON-TRAVERSABLE
- (U) UNPAVED NON-TRAVERSABLE
- (MEF) MAXIMUM EXTENT FEASIBLE
- (LL) LEVEL LANDING

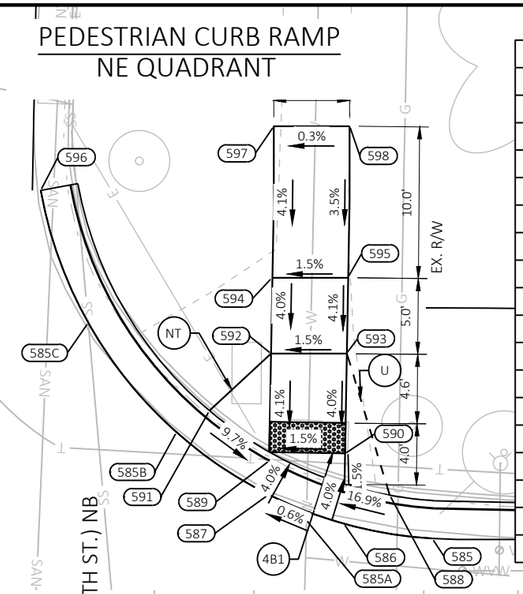
GOLDCREST AVE SW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
520	1129+89.16	74.87' LT	774.08	263112.85	595258.61
521	1129+89.16	69.87' LT	773.86	263112.75	595263.61
522	1129+94.16	54.00' LT	773.49	263117.43	595279.58
523	1129+99.16	74.87' LT	773.94	263122.85	595258.81
524	1129+99.16	69.87' LT	773.87	263122.75	595263.81
525	1129+99.16	54.00' LT	773.53	263122.43	595279.68
526	1129+99.16	56.00' LT	773.45	263122.47	595277.68
527	1130+04.16	74.87' LT	774.02	263127.85	595258.91
528	1130+04.16	69.87' LT	773.94	263127.75	595263.91
529	1130+04.16	54.00' LT	773.57	263127.43	595279.78
530	1130+04.16	56.00' LT	773.49	263127.47	595277.78
531	1130+14.16	74.81' LT	774.32	263137.84	595259.17
532	1130+14.16	69.87' LT	774.07	263137.74	595264.11
533	1130+09.16	54.00' LT	773.61	263132.43	595279.88

PEDESTRIAN CURB RAMP
SW QUADRANT



STH 241 (S. 27TH ST.) SB

PEDESTRIAN CURB RAMP
NE QUADRANT

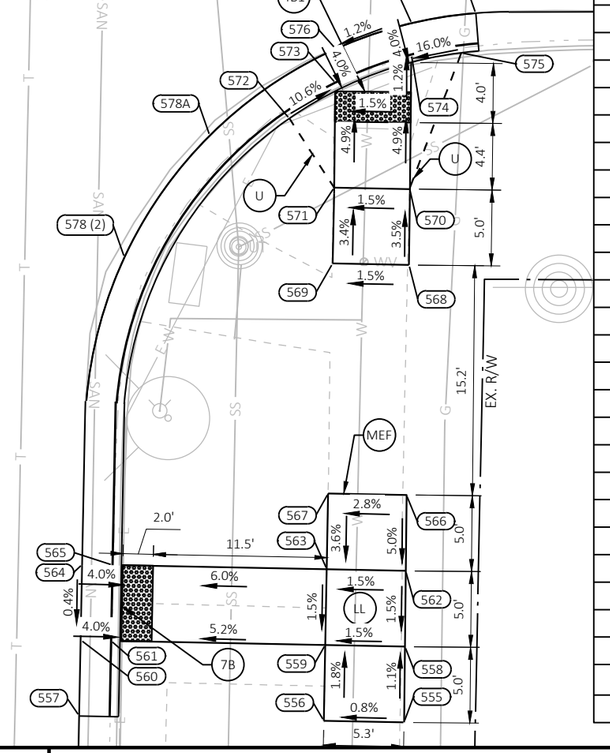


GOLDCREST AVE NE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
585	1130+68.12	80.85' RT	774.44	263188.70	595415.87
585A	1130+70.03	71.77' RT	774.33	263190.79	595406.84
585B	1130+74.80	63.82' RT	774.24	263195.71	595398.98
585C	1130+81.90	57.87' RT	774.16	263202.93	595393.17
586	1130+68.99	74.99' RT	774.35	263189.68	595410.03
587	1130+70.80	69.99' RT	774.31	263191.60	595405.06
588	1130+70.91	77.99' RT	774.80	263191.55	595413.06
589	1130+73.04	69.98' RT	774.23	263193.83	595405.10
590	1130+73.61	74.97' RT	774.31	263194.31	595410.10
591	1130+76.26	65.98' RT	774.70	263197.13	595401.16
592	1130+80.10	69.97' RT	774.50	263200.89	595405.23
593	1130+80.20	74.94' RT	774.57	263200.89	595410.20
594	1130+85.10	69.91' RT	774.70	263205.89	595405.28
595	1130+85.20	74.91' RT	774.77	263205.89	595410.27
596	1130+90.56	54.55' RT	774.13	263211.65	595390.03
597	1130+95.10	69.85' RT	775.11	263215.89	595405.42
598	1130+95.20	74.85' RT	775.12	263215.89	595410.42

N

W. GOLDCREST AVE.

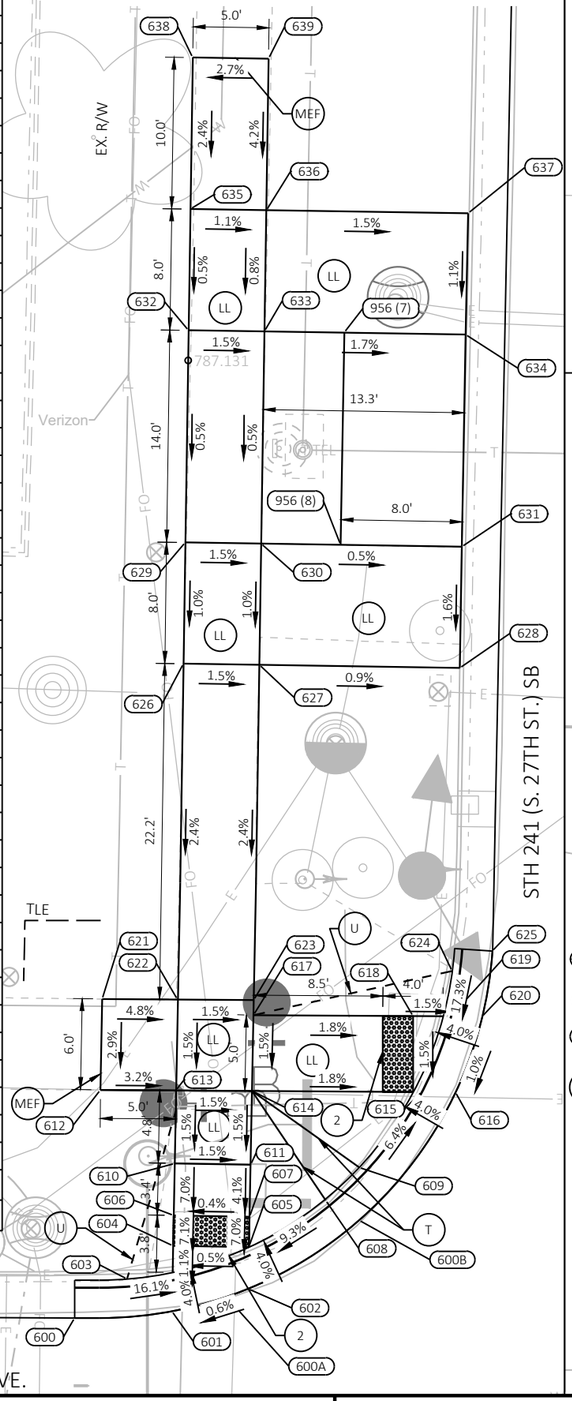
PEDESTRIAN CURB RAMP
SE QUADRANT



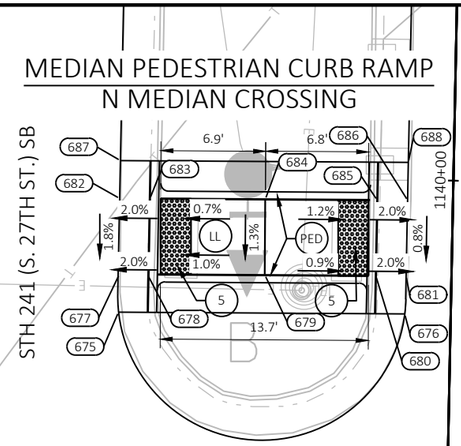
GOLDCREST AVE SE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
555	1129+94.16	75.43' RT	774.27	263114.86	595408.99
556	1129+94.16	70.14' RT	774.23	263114.96	595403.69
557	1129+94.16	54.00' RT	773.46	263115.28	595387.56
558	1129+99.16	75.39' RT	774.22	263119.86	595409.04
559	1129+99.16	70.14' RT	774.14	263119.96	595403.79
560	1129+99.16	54.00' RT	773.49	263120.28	595387.66
561	1129+99.16	56.00' RT	773.41	263120.24	595389.65
562	1130+04.16	75.34' RT	774.29	263124.86	595409.09
563	1130+04.16	70.14' RT	774.22	263124.96	595403.89
564	1130+04.16	54.00' RT	773.51	263125.28	595387.75
565	1130+04.16	56.00' RT	773.43	263125.24	595389.75
566	1130+09.16	75.30' RT	774.54	263129.86	595409.15
567	1130+09.16	70.13' RT	774.40	263129.96	595403.98
568	1130+24.34	75.16' RT	774.52	263145.04	595409.32
569	1130+24.34	70.12' RT	774.45	263145.14	595404.28
570	1130+29.34	75.12' RT	774.35	263150.04	595409.37
571	1130+29.34	70.12' RT	774.28	263150.14	595404.37
572	1130+33.84	67.09' RT	774.34	263154.70	595401.43
573	1130+36.25	70.06' RT	773.95	263157.05	595404.45
574	1130+38.21	75.04' RT	774.02	263158.90	595409.47
575	1130+38.39	78.33' RT	774.56	263159.02	595412.77
576	1130+38.48	70.05' RT	774.03	263159.28	595404.49
577	1130+40.27	75.02' RT	774.10	263160.97	595409.49
578	1130+41.02	79.24' RT	774.17	263161.63	595413.72
578 (2)	1130+24.46	56.39' RT	773.71	263145.54	595390.54
578A	1130+32.60	61.86' RT	773.87	263153.57	595396.18

PARNELL AVE NW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
600	1139+77.52	81.09' LT	786.01	264101.14	595272.06
600A	1139+79.12	71.11' LT	786.00	264102.54	595282.07
600B	1139+84.35	62.47' LT	786.08	264107.59	595290.81
601	1139+78.10	74.69' LT	785.97	264101.59	595278.47
602	1139+79.68	69.70' LT	786.00	264103.07	595283.49
603	1139+80.16	77.69' LT	786.39	264103.71	595275.51
604	1139+82.42	74.69' LT	785.91	264105.91	595278.56
605	1139+82.43	69.69' LT	785.94	264105.83	595283.56
606	1139+84.42	74.69' LT	786.06	264107.91	595278.59
607	1139+84.43	69.69' LT	786.08	264107.82	595283.59
608	1139+85.61	64.69' LT	786.47	264108.90	595288.62
609	1139+87.83	62.53' LT	786.50	264111.08	595290.83
610	1139+87.86	74.69' LT	786.30	264111.35	595278.66
611	1139+87.87	69.69' LT	786.22	264111.26	595283.66
612	1139+92.60	79.70' LT	786.53	264116.19	595273.75
613	1139+92.67	74.71' LT	786.37	264116.16	595278.74
614	1139+92.74	69.70' LT	786.29	264116.13	595283.75
615	1139+92.89	58.50' LT	786.09	264116.06	595294.95
616	1139+92.92	56.27' LT	786.18	264116.04	595297.18
617	1139+97.74	69.70' LT	786.37	264121.13	595283.85
618	1139+97.88	59.16' LT	786.18	264121.06	595294.39
619	1139+97.92	56.67' LT	786.14	264121.05	595296.88
620	1139+97.94	54.61' LT	786.23	264121.03	595298.94
621	1139+98.60	79.70' LT	786.70	264122.19	595273.87
622	1139+98.67	74.73' LT	786.46	264122.16	595278.84
623	1139+98.74	69.70' LT	786.38	264122.13	595283.87
624	1140+00.92	56.65' LT	786.68	264124.04	595296.96
625	1140+02.27	54.03' LT	786.28	264125.35	595299.61
626	1140+20.83	74.77' LT	786.99	264144.31	595279.24
627	1140+20.85	69.77' LT	786.92	264144.23	595284.24
628	1140+20.91	56.54' LT	786.80	264144.03	595297.47
629	1140+28.83	74.81' LT	787.07	264152.31	595279.36
630	1140+28.85	69.81' LT	787.00	264152.23	595284.36
631	1140+28.91	56.57' LT	786.93	264152.03	595297.60
632	1140+42.83	74.87' LT	787.14	264166.31	595279.58
633	1140+42.85	69.87' LT	787.07	264166.23	595284.58
634	1140+42.91	56.59' LT	786.84	264166.03	595297.85
635	1140+50.83	74.91' LT	787.18	264174.31	595279.70
636	1140+50.85	69.91' LT	787.13	264174.23	595284.70
637	1140+50.91	56.58' LT	786.93	264174.03	595298.02
638	1140+60.83	74.95' LT	787.42	264184.31	595279.85
639	1140+60.85	69.95' LT	787.55	264184.23	595284.85
956 (7)	1140+42.89	64.59' LT	786.98	264166.17	595289.85
956 (8)	1140+28.89	64.57' LT	786.97	264152.17	595289.60

PEDESTRIAN CURB RAMP & BUS STOP
NW QUADRANT

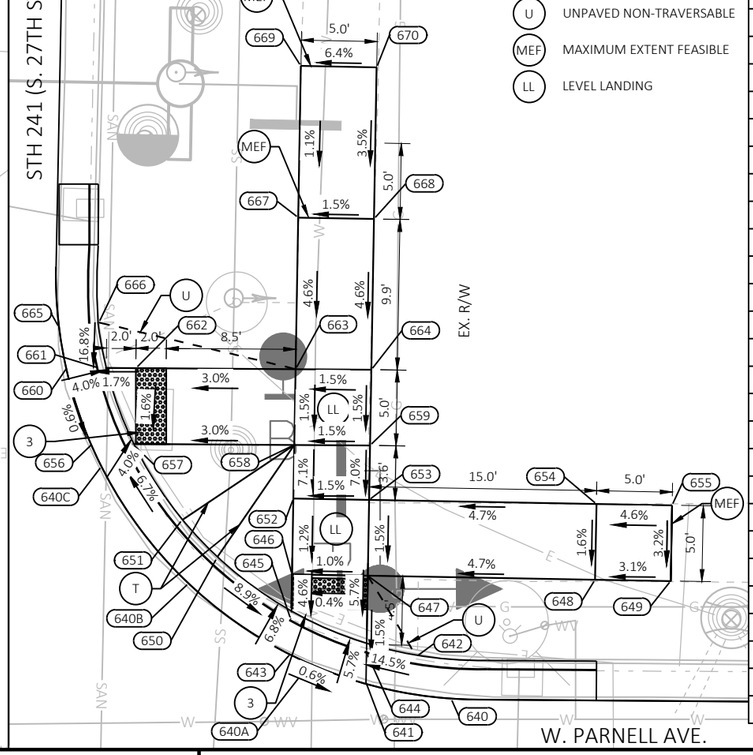


MEDIAN PEDESTRIAN CURB RAMP
N MEDIAN CROSSING



PARNELL AVE NORTH MEDIAN					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
675	1139+90.89	21.92' LT	786.77	264113.33	595331.48
676	1139+91.14	3.05' LT	786.82	264113.21	595350.36
677	1139+93.39	21.91' LT	786.82	264115.83	595331.54
678	1139+93.41	20.06' LT	786.86	264115.81	595333.39
679	1139+93.52	12.32' LT	786.94	264115.76	595341.14
680	1139+93.62	5.00' LT	786.87	264115.72	595348.45
681	1139+93.64	3.00' LT	786.83	264115.71	595350.46
682	1139+98.39	22.00' LT	786.91	264120.83	595331.55
683	1139+98.41	20.00' LT	786.95	264120.81	595333.55
684	1139+98.52	12.39' LT	787.00	264120.76	595341.17
685	1139+98.62	5.00' LT	786.91	264120.72	595348.55
686	1139+98.64	3.00' LT	786.87	264120.70	595350.55
687	1140+00.89	22.00' LT	786.95	264123.33	595331.60
688	1140+01.14	3.00' LT	786.92	264123.20	595350.60

PEDESTRIAN CURB RAMP
NE QUADRANT



LEGEND

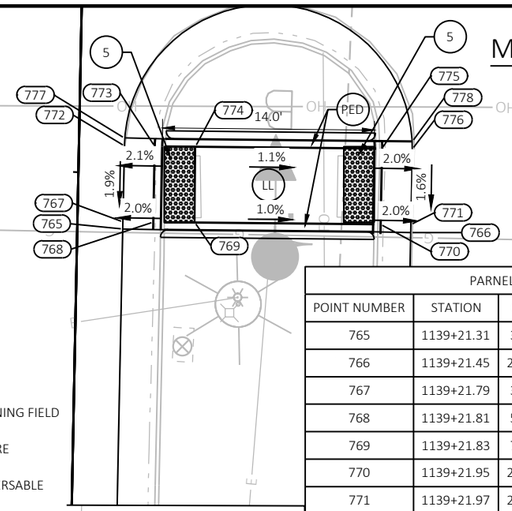
- X — CURB RAMP TYPE
- XXXX — POINT NUMBER
- DETECTABLE WARNING FIELD
- T — TRAVERSABLE FLARE
- NT — PAVED NON-TRAVERSABLE
- U — UNPAVED NON-TRAVERSABLE
- MEF — MAXIMUM EXTENT FEASIBLE
- LL — LEVEL LANDING

PARNELL AVE NE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
640	1139+78.11	80.63' RT	786.06	264098.51	595433.76
640A	1139+80.21	71.26' RT	786.08	264100.80	595424.43
640B	1139+85.36	63.16' RT	786.12	264106.11	595416.43
640C	1139+92.95	57.27' RT	786.16	264113.81	595410.70
641	1139+79.04	74.99' RT	786.10	264099.55	595428.14
642	1139+80.84	78.29' RT	786.48	264101.29	595431.48
643	1139+80.88	69.99' RT	786.13	264101.49	595423.18
644	1139+81.04	74.99' RT	785.98	264101.55	595428.18
645	1139+83.02	69.98' RT	786.00	264103.63	595423.21
646	1139+86.09	69.98' RT	786.12	264106.70	595423.27
647	1139+86.10	74.98' RT	786.17	264106.61	595428.27
648	1139+86.14	89.98' RT	786.87	264106.35	595443.26
649	1139+86.15	94.98' RT	787.02	264106.26	595448.26
650	1139+87.07	64.99' RT	786.55	264107.79	595418.30
651	1139+89.53	62.65' RT	786.51	264110.29	595416.01
652	1139+91.09	69.96' RT	786.17	264111.70	595423.35
653	1139+91.10	74.96' RT	786.24	264111.61	595428.35
654	1139+91.14	89.97' RT	786.94	264111.35	595443.36
655	1139+91.15	94.95' RT	787.18	264111.26	595448.34
656	1139+94.45	56.64' RT	786.18	264115.33	595410.10
657	1139+94.49	59.28' RT	786.10	264115.31	595412.74
658	1139+94.63	69.96' RT	786.42	264115.24	595423.42
659	1139+94.70	74.96' RT	786.49	264115.21	595428.42
660	1139+99.43	54.86' RT	786.22	264120.34	595408.42
661	1139+99.45	56.89' RT	786.14	264120.32	595410.45
662	1139+99.49	59.42' RT	786.18	264120.31	595412.98
663	1139+99.63	69.94' RT	786.49	264120.24	595423.50
664	1139+99.70	74.94' RT	786.57	264120.21	595428.50
665	1140+02.08	54.29' RT	786.22	264123.00	595407.90
666	1140+02.46	56.90' RT	786.64	264123.32	595410.52
667	1140+09.63	69.92' RT	786.95	264130.24	595423.68
668	1140+09.64	74.92' RT	787.03	264130.15	595428.68
669	1140+19.63	69.89' RT	787.06	264140.24	595423.85
670	1140+19.64	74.89' RT	787.38	264140.15	595428.85

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	INTERSECTION DETAILS (CURB RAMPS) W. PARNELL AVE.	SHEET 91	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\021101_ID_CURB RAMPS.DWG
LAYOUT NAME - 021109_id
PLOT DATE : 11/20/2024 2:46 PM PLOT BY : STRASSER, JEFFREY PLOT NAME : PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

MEDIAN PEDESTRIAN CURB
S MEDIAN CROSSING



LEGEND

- (X) CURB RAMP TYPE
- (XXXX) POINT NUMBER
- DETECTABLE WARNING FIELD
- (T) TRAVERSABLE FLARE
- (NT) PAVED NON-TRAVERSABLE
- (U) UNPAVED NON-TRAVERSABLE
- (MEF) MAXIMUM EXTENT FEASIBLE
- (LL) LEVEL LANDING

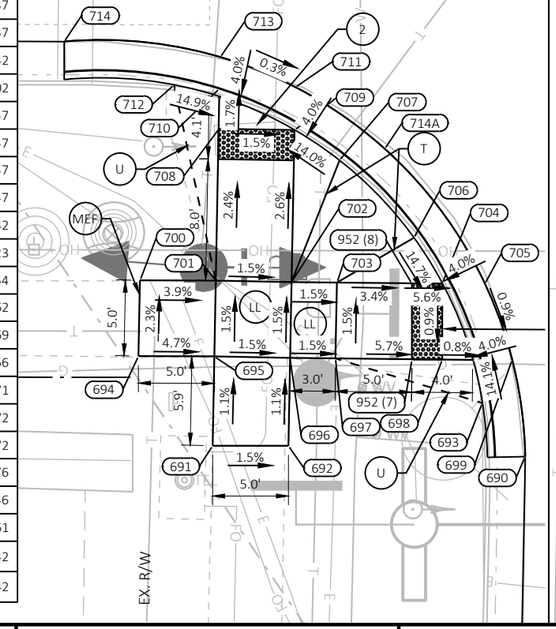
PARNELL AVE SOUTH MEDIAN

POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
765	1139+21.31	3.00' RT	786.12	264043.27	595355.01
766	1139+21.45	22.00' RT	785.98	264043.03	595374.01
767	1139+21.79	3.00' RT	786.13	264043.75	595355.02
768	1139+21.81	5.00' RT	786.17	264043.73	595357.02
769	1139+21.83	7.73' RT	786.15	264043.70	595359.76
770	1139+21.95	20.00' RT	786.03	264043.57	595372.02
771	1139+21.97	22.00' RT	785.99	264043.55	595374.02
772	1139+26.79	3.00' RT	786.23	264048.75	595355.12
773	1139+26.81	5.00' RT	786.27	264048.73	595357.12
774	1139+26.83	7.69' RT	786.29	264048.70	595359.81
775	1139+26.95	20.00' RT	786.11	264048.57	595372.12
776	1139+26.97	22.00' RT	786.07	264048.55	595374.12
777	1139+27.32	3.00' RT	786.23	264049.27	595355.13
778	1139+27.47	22.00' RT	786.08	264049.05	595374.13

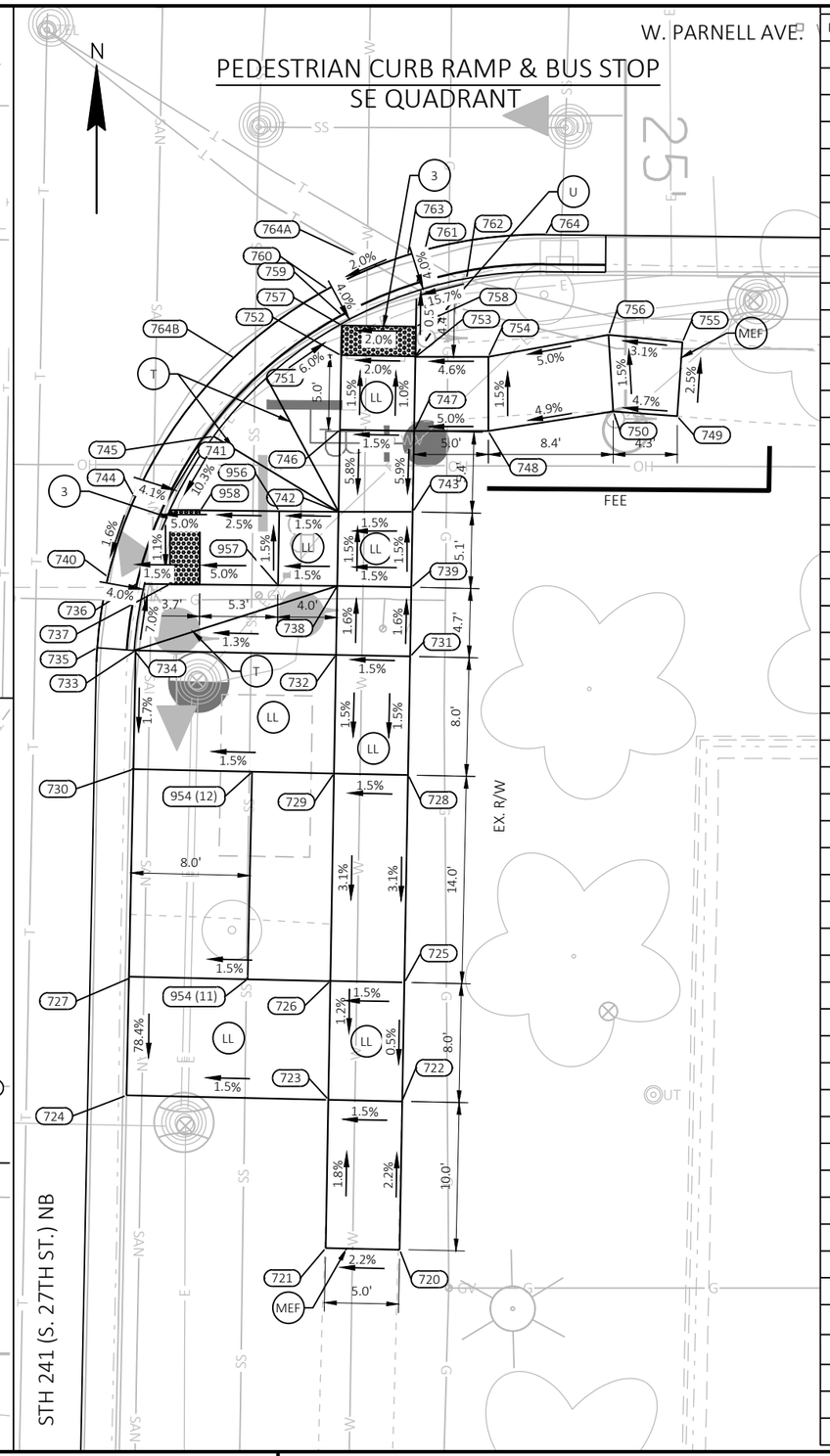
PARNELL AVE SW

POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
690	1139+14.89	54.02' LT	785.13	264037.99	595297.88
691	1139+15.20	74.65' LT	785.75	264038.70	595277.26
692	1139+15.30	69.65' LT	785.67	264038.70	595282.26
693	1139+18.36	56.91' LT	785.56	264041.51	595295.06
694	1139+21.01	79.65' LT	785.91	264044.61	595272.37
695	1139+21.09	74.65' LT	785.68	264044.59	595277.37
696	1139+21.09	69.65' LT	785.61	264044.50	595282.37
697	1139+21.12	66.65' LT	785.59	264044.47	595285.37
698	1139+21.19	59.61' LT	785.16	264044.39	595292.42
699	1139+21.23	55.00' LT	785.21	264044.34	595297.02
700	1139+26.00	79.66' LT	785.80	264049.60	595272.47
701	1139+26.09	74.66' LT	785.60	264049.59	595277.47
702	1139+26.09	69.66' LT	785.53	264049.49	595282.47
703	1139+26.12	66.66' LT	785.49	264049.46	595285.47
704	1139+26.19	59.71' LT	785.20	264049.39	595292.42
705	1139+26.21	56.90' LT	785.27	264049.36	595295.23
706	1139+29.17	61.65' LT	785.73	264052.41	595290.54
707	1139+34.18	66.66' LT	785.76	264057.52	595285.62
708	1139+36.11	74.64' LT	785.34	264059.61	595277.69
709	1139+36.12	69.66' LT	785.26	264059.53	595282.66
710	1139+38.75	74.66' LT	785.30	264062.25	595277.71
711	1139+38.94	69.66' LT	785.36	264062.34	595282.72
712	1139+38.94	77.66' LT	785.79	264062.50	595274.72
713	1139+40.83	74.66' LT	785.38	264064.33	595277.76
714	1139+41.65	84.97' LT	785.36	264065.35	595267.46
714A	1139+34.99	63.69' LT	785.33	264058.27	595288.61
952 (7)	1139+21.15	61.61' LT	0.00	264044.39	595290.42
952 (8)	1139+26.15	61.71' LT	0.00	264049.39	595290.42

PEDESTRIAN CURB RAMP
SW QUADRANT



PEDESTRIAN CURB RAMP & BUS STOP
SE QUADRANT



POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
720	1138+77.77	75.24' RT	785.40	263998.30	595426.37
721	1138+77.78	70.24' RT	0.00	263998.41	595421.37
722	1138+87.77	75.19' RT	785.18	264008.30	595426.52
723	1138+87.78	70.23' RT	785.11	264008.41	595421.57
724	1138+87.81	56.62' RT	784.91	264008.71	595407.95
725	1138+95.79	75.20' RT	785.23	264016.32	595426.69
726	1138+95.79	70.20' RT	785.16	264016.41	595421.70
727	1138+95.73	56.70' RT	777.36	264016.62	595408.19
728	1139+09.77	75.17' RT	785.67	264030.30	595426.94
729	1139+09.78	70.17' RT	785.60	264030.41	595421.94
730	1139+09.81	56.64' RT	785.39	264030.70	595408.41
731	1139+17.77	75.15' RT	785.79	264038.30	595427.08
732	1139+17.78	70.15' RT	785.72	264038.40	595422.08
733	1139+17.81	56.63' RT	785.53	264038.70	595408.56
734	1139+17.81	56.53' RT	785.51	264038.70	595408.47
735	1139+17.94	54.04' RT	785.09	264038.88	595405.97
736	1139+22.30	56.63' RT	785.18	264043.19	595408.65
737	1139+22.33	58.86' RT	785.22	264043.17	595410.89
738	1139+22.43	70.14' RT	785.64	264043.06	595422.16
739	1139+22.44	75.14' RT	785.72	264042.96	595427.16
740	1139+22.73	54.67' RT	785.27	264043.66	595406.71
741	1139+27.32	58.22' RT	785.27	264048.18	595410.34
742	1139+27.43	70.13' RT	785.57	264048.05	595422.25
743	1139+27.53	75.12' RT	785.64	264048.05	595427.25
744	1139+28.10	56.38' RT	785.36	264049.00	595408.52
745	1139+32.35	61.61' RT	785.87	264053.14	595413.83
746	1139+32.96	70.11' RT	785.89	264053.58	595422.34
747	1139+32.97	75.11' RT	785.96	264053.50	595427.34
748	1139+33.07	80.11' RT	786.21	264053.50	595432.34
749	1139+34.33	92.82' RT	786.83	264054.50	595445.07
750	1139+34.56	88.50' RT	786.63	264054.81	595440.77
751	1139+36.37	65.10' RT	786.05	264057.08	595417.40
752	1139+37.96	70.10' RT	785.81	264058.58	595422.43
753	1139+37.98	75.10' RT	785.91	264058.50	595427.43
754	1139+38.07	80.01' RT	786.14	264058.50	595432.34
755	1139+39.32	93.08' RT	786.70	264059.49	595445.44
756	1139+39.72	88.09' RT	786.55	264059.98	595440.45
757	1139+39.99	70.09' RT	785.68	264060.61	595422.46
758	1139+40.02	75.07' RT	785.78	264060.54	595427.45
759	1139+40.69	70.09' RT	785.65	264061.31	595422.48
760	1139+42.42	69.10' RT	785.73	264063.06	595421.52
761	1139+42.93	75.08' RT	785.77	264063.45	595427.52
762	1139+43.32	78.45' RT	786.32	264063.77	595430.88
763	1139+44.82	74.45' RT	785.85	264065.36	595426.92
764	1139+46.38	83.69' RT	785.90	264066.73	595436.18
764A	1139+44.03	72.44' RT	785.80	264064.61	595424.90
764B	1139+37.66	62.90' RT	785.59	264058.42	595415.22
954 (11)	1138+95.82	64.62' RT	785.07	264016.56	595416.11
954 (12)	1139+09.79	64.64' RT	785.51	264030.53	595416.42
956	1139+27.39	66.12' RT	785.58	264048.09	595418.25
957	1139+22.39	66.14' RT	785.58	264043.09	595418.16
958	1139+27.31	60.79' RT	785.38	264048.12	595412.91

GRANGE AVE SE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
796	1152+13.12	54.00' RT	775.50	265333.81	595431.71
796A	1152+23.73	55.91' RT	775.31	265344.38	595433.83
796B	1152+32.84	61.69' RT	775.13	265353.37	595439.79
796C	1152+39.09	70.49' RT	774.93	265359.44	595448.71
797	1152+15.17	70.26' RT	775.50	265335.53	595448.00
798	1152+15.17	75.26' RT	775.53	265335.43	595453.00
799	1152+17.17	56.76' RT	775.78	265337.80	595434.54
800	1152+20.17	70.25' RT	775.33	265340.53	595448.10
801	1152+20.17	54.85' RT	775.35	265340.84	595432.70
802	1152+20.17	75.25' RT	775.35	265340.43	595453.10
803	1152+20.17	59.31' RT	775.27	265340.75	595437.15
804	1152+20.17	56.85' RT	775.26	265340.80	595434.70
805	1152+25.17	70.24' RT	775.25	265345.53	595448.19
806	1152+25.17	56.61' RT	775.29	265345.80	595434.56
807	1152+25.17	75.24' RT	775.28	265345.43	595453.19
808	1152+25.17	58.73' RT	775.21	265345.76	595436.68

GRANGE AVE SE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
809	1152+25.17	101.26' RT	774.63	265344.91	595479.20
810	1152+29.86	113.23' RT	774.31	265349.36	595491.26
811	1152+30.14	123.23' RT	774.12	265349.45	595501.26
812	1152+30.17	62.64' RT	775.69	265350.68	595440.69
813	1152+30.17	70.24' RT	775.23	265350.53	595448.29
814	1152+30.17	75.24' RT	775.20	265350.43	595453.29
815	1152+30.17	101.26' RT	774.55	265349.91	595479.30
816	1152+32.78	65.23' RT	775.46	265353.24	595443.33
817	1152+34.86	113.04' RT	774.23	265354.36	595491.17
818	1152+35.14	123.09' RT	773.90	265354.45	595501.22
819	1152+36.18	75.23' RT	774.76	265356.44	595453.40
820	1152+36.73	70.23' RT	774.86	265357.09	595448.41
821	1152+38.48	75.23' RT	774.71	265358.74	595453.44
822	1152+38.53	69.32' RT	774.94	265358.91	595447.53
823	1152+38.79	78.26' RT	775.05	265358.99	595456.47
824	1152+40.60	74.71' RT	774.79	265360.87	595452.96

PEDESTRIAN CURB RAMP/ BUS STOP SE QUADRANT

W. GRANGE AVE

STH 241 (S. 27TH ST.) NB

MATCH LINE 1151+95

EX. R/W

FEE

27.0'

10.9'

10.0'

36.2'

LEGEND

- (X) CURB RAMP TYPE
- (XXXX) POINT NUMBER
- DETECTABLE WARNING FIELD
- (T) TRAVERSABLE FLARE
- (NT) PAVED NON-TRAVERSABLE
- (U) UNPAVED NON-TRAVERSABLE
- (MEF) MAXIMUM EXTENT FEASIBLE
- (LL) LEVEL LANDING

N

PEDESTRIAN CURB RAMP/ BUS STOP SE QUADRANT

GRANGE AVE SE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
780	1151+38.92	70.51' RT	777.70	265259.30	595446.74
781	1151+38.94	75.51' RT	777.89	265259.22	595451.74
782	1151+43.92	70.49' RT	777.57	265264.29	595446.82
783	1151+43.94	75.49' RT	777.65	265264.22	595451.82
784	1151+48.86	56.80' RT	777.18	265269.51	595433.23
785	1151+48.92	70.47' RT	777.37	265269.29	595446.89
786	1151+48.94	75.47' RT	777.45	265269.22	595451.89
787	1151+56.86	56.85' RT	777.05	265277.50	595433.44
788	1151+56.92	70.43' RT	777.25	265277.29	595447.02
789	1151+56.94	75.43' RT	777.33	265277.22	595452.02
790	1151+70.86	56.91' RT	776.73	265291.50	595433.78
791	1151+70.92	70.37' RT	776.86	265291.29	595447.24
792	1151+70.94	75.37' RT	776.94	265291.21	595452.23
793	1151+78.86	56.93' RT	776.54	265299.50	595433.96
794	1151+78.92	70.33' RT	776.74	265299.29	595447.36
795	1151+78.94	75.33' RT	776.82	265299.21	595452.36

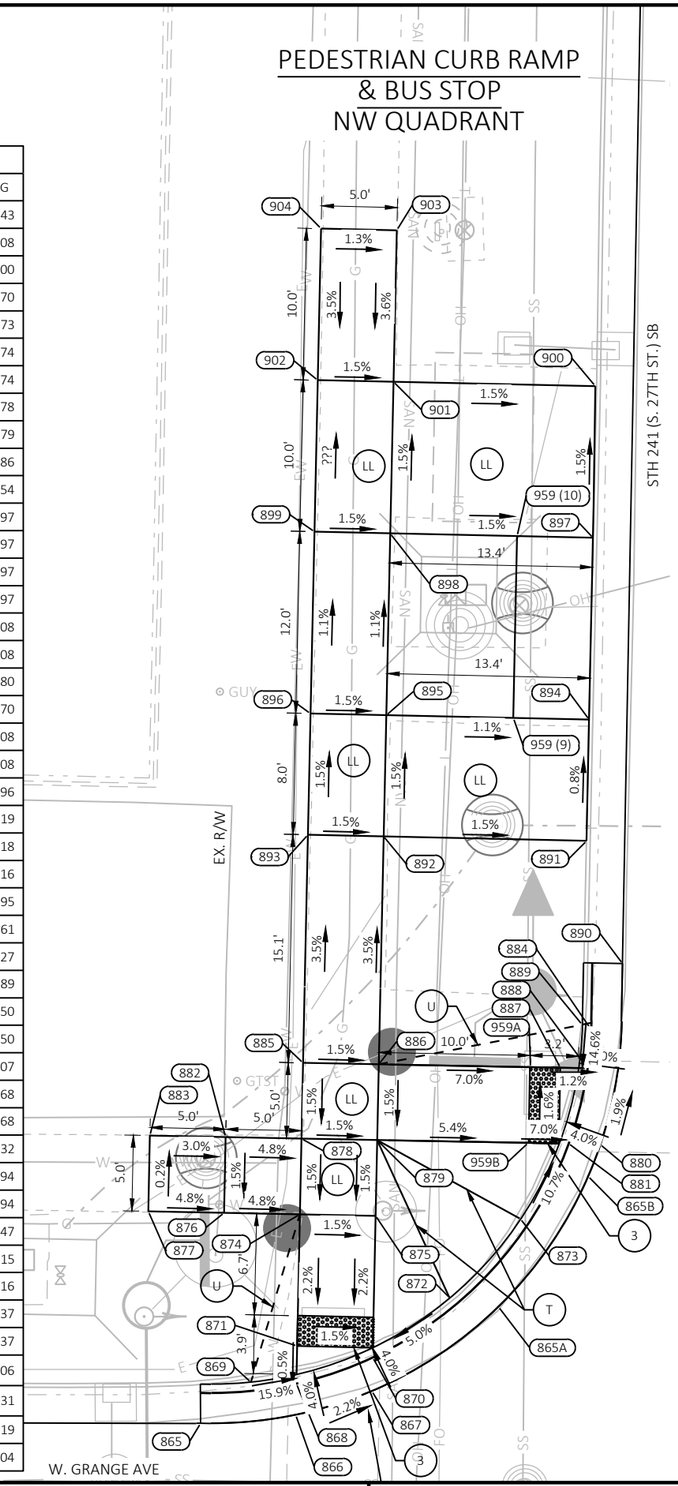
GRANGE AVE SE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
825	1152+41.55	80.97' RT	774.55	265361.69	595459.24
957 (13)	1151+56.90	64.83' RT	777.17	265277.38	595441.42
957 (14)	1151+70.90	64.77' RT	776.81	265291.38	595441.63
957 (15)	1152+25.17	102.29' RT	774.60	265344.89	595480.23
957 (16)	1152+34.83	112.14' RT	774.26	265354.36	595490.27

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	INTERSECTION DETAILS (CURB RAMPS) W. GRANGE AVE.	SHEET 93	E

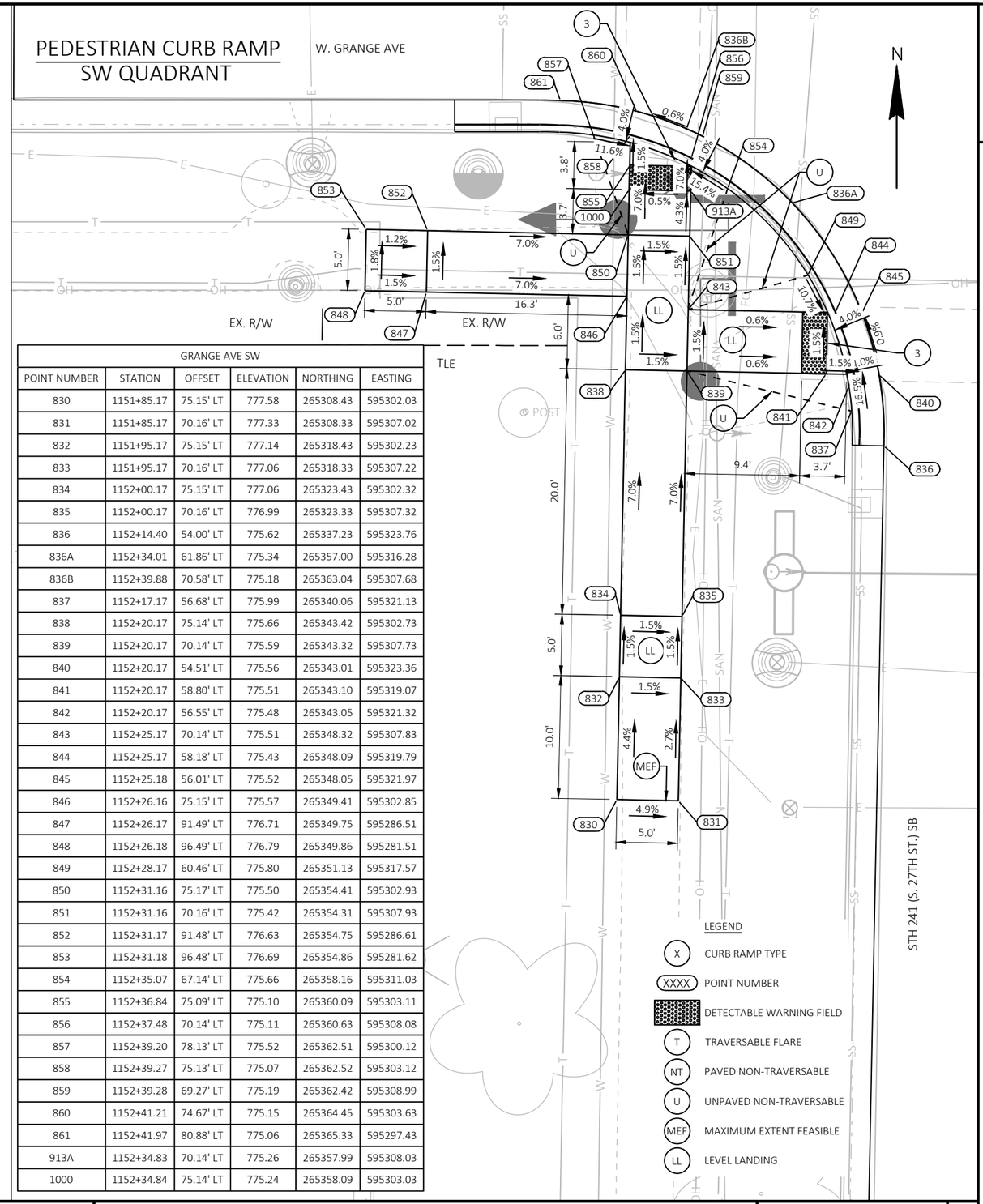
FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\021101_ID_CURB RAMPS.DWG
LAYOUT NAME - 021111_id
PLOT DATE : 11/20/2024 2:47 PM PLOT BY : STRASSER, JEFFREY PLOT NAME : PLOT SCALE : ##########
WISDOT/CADDS SHEET 42

GRANGE AVE NW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
865	1153+14.30	81.28' LT	773.74	265437.55	595298.43
865A	1153+22.36	61.77' LT	773.47	265445.24	595318.08
865B	1153+31.07	56.01' LT	773.28	265453.84	595324.00
866	1153+14.98	75.02' LT	773.74	265438.11	595304.70
867	1153+16.64	70.01' LT	773.64	265439.68	595309.73
868	1153+17.04	75.01' LT	773.66	265440.17	595304.74
869	1153+17.07	78.01' LT	774.15	265440.26	595301.74
870	1153+18.85	70.01' LT	773.55	265441.89	595309.78
871	1153+19.52	75.01' LT	773.67	265442.65	595304.79
872	1153+22.88	65.00' LT	773.90	265445.83	595314.86
873	1153+28.17	60.42' LT	773.77	265451.03	595319.54
874	1153+28.20	74.99' LT	773.86	265451.33	595304.97
875	1153+28.20	69.99' LT	773.78	265451.24	595309.97
876	1153+28.21	79.99' LT	774.10	265451.44	595299.97
877	1153+28.23	84.99' LT	774.34	265451.54	595294.97
878	1153+33.20	74.97' LT	773.94	265456.33	595305.08
879	1153+33.20	69.97' LT	773.86	265456.24	595310.08
880	1153+33.20	55.25' LT	773.24	265455.96	595324.80
881	1153+33.20	57.35' LT	773.17	265456.00	595322.70
882	1153+33.21	79.97' LT	774.17	265456.43	595300.08
883	1153+33.23	84.97' LT	774.33	265456.54	595295.08
884	1153+38.17	54.18' LT	773.14	265460.91	595325.96
885	1153+38.20	74.96' LT	774.01	265461.33	595305.19
886	1153+38.20	69.96' LT	773.93	265461.24	595310.18
887	1153+38.20	57.98' LT	773.10	265461.01	595322.16
888	1153+38.20	56.19' LT	773.07	265460.98	595323.95
889	1153+41.07	56.58' LT	773.50	265463.85	595323.61
890	1153+45.14	54.00' LT	772.98	265467.88	595326.27
891	1153+53.20	56.53' LT	773.21	265475.98	595323.89
892	1153+53.24	69.92' LT	773.41	265476.27	595310.50
893	1153+53.26	74.92' LT	773.49	265476.38	595305.50
894	1153+61.20	56.50' LT	773.14	265483.98	595324.07
895	1153+61.24	69.89' LT	773.29	265484.27	595310.68
896	1153+61.26	74.89' LT	773.37	265484.38	595305.68
897	1153+73.20	56.47' LT	772.96	265495.97	595324.32
898	1153+73.24	69.85' LT	773.16	265496.27	595310.94
899	1153+73.26	74.85' LT	773.23	265496.37	595305.94
900	1153+83.20	56.51' LT	772.80	265505.97	595324.47
901	1153+83.24	69.82' LT	773.00	265506.26	595311.15
902	1153+83.26	74.82' LT	0.00	265506.37	595306.16
903	1153+93.24	69.79' LT	773.36	265516.26	595311.37
904	1153+93.26	74.79' LT	773.43	265516.37	595306.37
959 (9)	1153+61.21	61.51' LT	773.20	265484.09	595319.06
959 (10)	1153+73.21	61.48' LT	773.03	265496.08	595319.31
959A	1153+38.20	59.95' LT	773.23	265461.05	595320.19
959B	1153+33.20	60.01' LT	773.32	265456.05	595320.04

PEDESTRIAN CURB RAMP & BUS STOP NW QUADRANT



PEDESTRIAN CURB RAMP SW QUADRANT



GRANGE AVE SW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
830	1151+85.17	75.15' LT	777.58	265308.43	595302.03
831	1151+85.17	70.16' LT	777.33	265308.33	595307.02
832	1151+95.17	75.15' LT	777.14	265318.43	595302.23
833	1151+95.17	70.16' LT	777.06	265318.33	595307.22
834	1152+00.17	75.15' LT	777.06	265323.43	595302.32
835	1152+00.17	70.16' LT	776.99	265323.33	595307.32
836	1152+14.40	54.00' LT	775.62	265337.23	595323.76
836A	1152+34.01	61.86' LT	775.34	265357.00	595316.28
836B	1152+39.88	70.58' LT	775.18	265363.04	595307.68
837	1152+17.17	56.68' LT	775.99	265340.06	595321.13
838	1152+20.17	75.14' LT	775.66	265343.42	595302.73
839	1152+20.17	70.14' LT	775.59	265343.32	595307.73
840	1152+20.17	54.51' LT	775.56	265343.01	595323.36
841	1152+20.17	58.80' LT	775.51	265343.10	595319.07
842	1152+20.17	56.55' LT	775.48	265343.05	595321.32
843	1152+25.17	70.14' LT	775.51	265348.32	595307.83
844	1152+25.17	58.18' LT	775.43	265348.09	595319.79
845	1152+25.18	56.01' LT	775.52	265348.05	595321.97
846	1152+26.16	75.15' LT	775.57	265349.41	595302.85
847	1152+26.17	91.49' LT	776.71	265349.75	595286.51
848	1152+26.18	96.49' LT	776.79	265349.86	595281.51
849	1152+28.17	60.46' LT	775.80	265351.13	595317.57
850	1152+31.16	75.17' LT	775.50	265354.41	595302.93
851	1152+31.16	70.16' LT	775.42	265354.31	595307.93
852	1152+31.17	91.48' LT	776.63	265354.75	595286.61
853	1152+31.18	96.48' LT	776.69	265354.86	595281.62
854	1152+35.07	67.14' LT	775.66	265358.16	595311.03
855	1152+36.84	75.09' LT	775.10	265360.09	595303.11
856	1152+37.48	70.14' LT	775.11	265360.63	595308.08
857	1152+39.20	78.13' LT	775.52	265362.51	595300.12
858	1152+39.27	75.13' LT	775.07	265362.52	595303.12
859	1152+39.28	69.27' LT	775.19	265362.42	595308.99
860	1152+41.21	74.67' LT	775.15	265364.45	595303.63
861	1152+41.97	80.88' LT	775.06	265365.33	595297.43
913A	1152+34.83	70.14' LT	775.26	265357.99	595308.03
1000	1152+34.84	75.14' LT	775.24	265358.09	595303.03

LEGEND

- X — CURB RAMP TYPE
- XXXX — POINT NUMBER
- DETECTABLE WARNING FIELD
- T — TRAVERSABLE FLARE
- NT — PAVED NON-TRAVERSABLE
- U — UNPAVED NON-TRAVERSABLE
- MEF — MAXIMUM EXTENT FEASIBLE
- LL — LEVEL LANDING

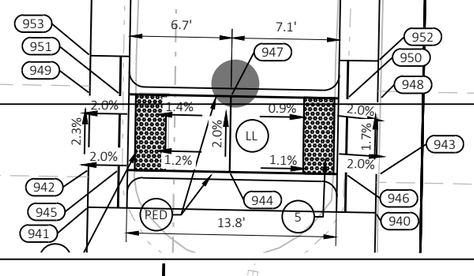
PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	INTERSECTION DETAILS (CURB RAMPS) W. GRANGE AVE.	SHEET 94	E

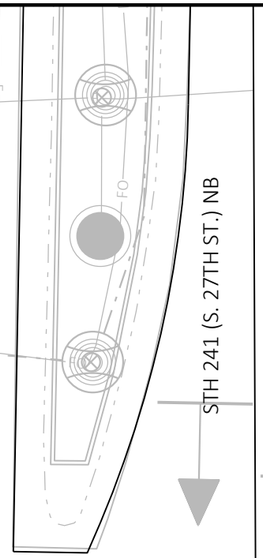
FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\021101_ID_CURB RAMPS.DWG
LAYOUT NAME - 021112_id
PLOT DATE : 11/20/2024 2:47 PM
PLOT BY : STRASSER, JEFFREY
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

2

MEDIAN PEDESTRIAN CURB RAMP
N MEDIAN CROSSING

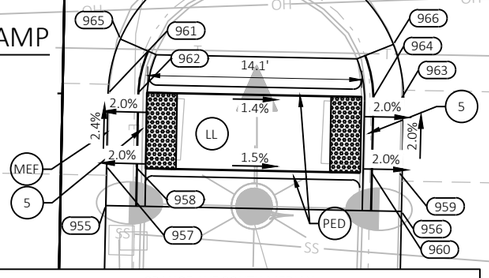
GRANGE AVE N MEDIAN					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
940	1153+30.70	3.00' LT	774.21	265452.50	595376.99
941	1153+30.70	21.97' LT	774.22	265452.85	595358.03
942	1153+33.20	21.97' LT	774.16	265455.35	595358.07
943	1153+33.20	2.84' LT	774.16	265454.99	595377.20
944	1153+33.20	12.69' LT	774.29	265455.18	595367.35
945	1153+33.20	20.00' LT	774.20	265455.31	595360.04
946	1153+33.20	5.00' LT	774.21	265455.03	595375.04
947	1153+38.20	12.68' LT	774.19	265460.18	595367.46
948	1153+38.20	2.85' LT	774.08	265459.99	595377.28
949	1153+38.20	21.97' LT	774.05	265460.35	595358.17
950	1153+38.20	5.00' LT	774.12	265460.03	595375.13
951	1153+38.20	20.00' LT	774.09	265460.31	595360.13
952	1153+40.70	3.00' LT	774.03	265462.50	595377.18
953	1153+40.70	22.00' LT	774.00	265462.85	595358.18

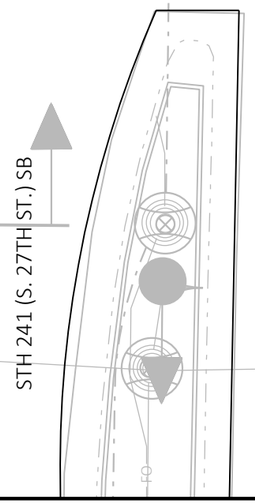




STH 241 (S. 27TH ST.) SB

MEDIAN PEDESTRIAN CURB RAMP
S MEDIAN CROSSING



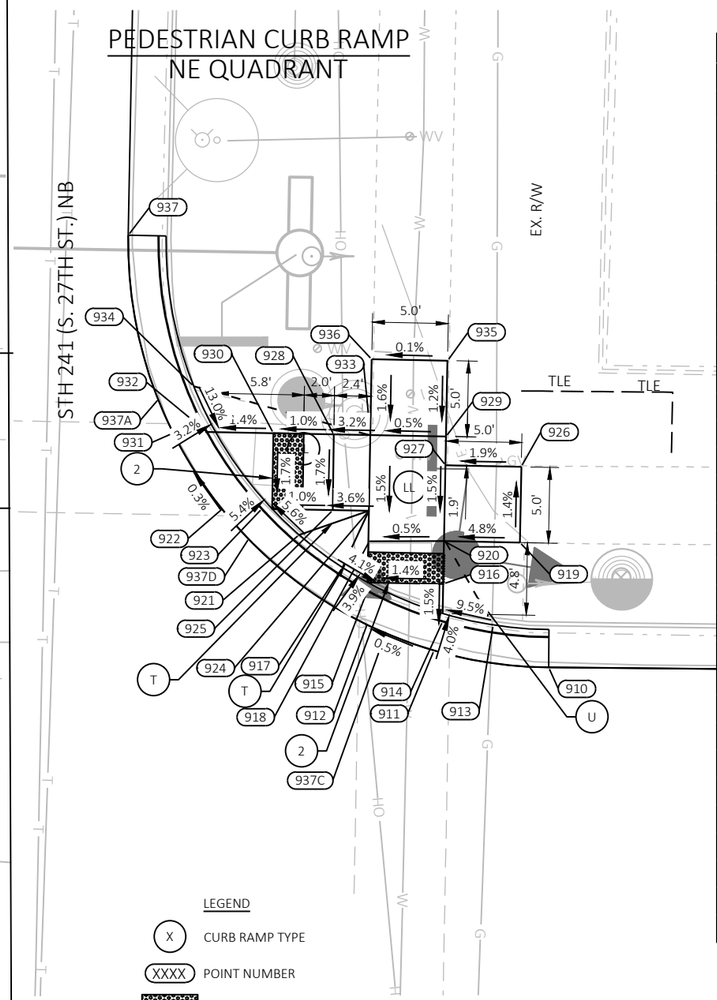


STH 241 (S. 27TH ST.) SB

GRANGE AVE SOUTH MEDIAN					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
955	1152+17.67	3.00' RT	776.70	265339.37	595380.81
956	1152+17.67	22.50' RT	776.47	265338.98	595400.31
957	1152+20.17	3.05' RT	776.65	265341.87	595380.91
958	1152+20.17	5.00' RT	776.58	265341.83	595382.86
959	1152+20.17	22.36' RT	776.42	265341.48	595400.21
960	1152+20.17	20.50' RT	776.35	265341.52	595398.36
961	1152+25.17	3.09' RT	776.53	265346.87	595381.05
962	1152+25.17	5.00' RT	776.46	265346.83	595382.96
963	1152+25.17	22.38' RT	776.32	265346.48	595400.34
964	1152+25.17	20.50' RT	776.25	265346.52	595398.45
965	1152+28.66	3.75' RT	776.42	265350.35	595381.78
966	1152+28.66	21.75' RT	776.21	265349.99	595399.77

STH 241 (S. 27TH ST.) NB

PEDESTRIAN CURB RAMP
NE QUADRANT



Grange Ave NE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
910	1153+23.09	82.26' RT	773.15	265443.31	595462.10
911	1153+24.06	74.67' RT	773.32	265444.42	595454.53
912	1153+25.77	70.25' RT	773.29	265446.21	595450.14
913	1153+25.82	78.54' RT	773.57	265446.11	595458.43
914	1153+25.99	75.21' RT	773.24	265446.34	595455.10
915	1153+27.92	70.21' RT	773.20	265448.36	595450.13
916	1153+28.47	75.21' RT	773.28	265448.82	595455.14
917	1153+29.44	68.54' RT	773.29	265449.91	595448.50
918	1153+31.18	70.28' RT	773.25	265451.62	595450.26
919	1153+31.29	80.21' RT	773.51	265451.55	595460.20
920	1153+31.29	75.21' RT	773.27	265451.64	595455.20
921	1153+31.53	65.64' RT	773.29	265452.06	595445.63
922	1153+33.19	60.59' RT	773.25	265453.81	595440.62
923	1153+33.19	63.14' RT	773.15	265453.76	595443.17
924	1153+33.20	70.21' RT	773.28	265453.64	595450.23
925	1153+33.20	67.83' RT	773.19	265453.69	595447.85
926	1153+36.29	80.21' RT	773.44	265456.54	595460.29
927	1153+36.29	75.21' RT	773.35	265456.64	595455.29
928	1153+38.16	67.80' RT	773.27	265458.65	595447.92
929	1153+38.20	75.21' RT	773.38	265458.55	595455.33
930	1153+38.20	63.81' RT	773.23	265458.76	595443.93
931	1153+38.20	57.45' RT	773.21	265458.88	595437.57
932	1153+38.20	59.42' RT	773.17	265458.84	595439.54
933	1153+38.27	70.21' RT	773.35	265458.71	595450.33
934	1153+41.20	58.49' RT	773.62	265461.86	595438.67
935	1153+43.20	75.21' RT	773.44	265463.55	595455.42
936	1153+43.20	70.21' RT	773.43	265463.64	595450.42
937	1153+51.09	54.00' RT	773.01	265471.82	595434.36
937A	1153+40.33	56.21' RT	773.18	265461.03	595436.37
937C	1153+25.28	71.51' RT	773.30	265445.69	595451.39
937D	1153+31.24	62.33' RT	773.26	265451.82	595442.32

LEGEND

- (X) CURB RAMP TYPE
- (XXXX) POINT NUMBER
- DETECTABLE WARNING FIELD
- (T) TRAVERSABLE FLARE
- (NT) PAVED NON-TRAVERSABLE
- (U) UNPAVED NON-TRAVERSABLE
- (MEF) MAXIMUM EXTENT FEASIBLE
- (LL) LEVEL LANDING

N

2

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	INTERSECTION DETAILS (CURB RAMPS) W. GRANGE AVE.	SHEET 95	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\021101_ID_CURB RAMPS.DWG
LAYOUT NAME - 021113_id

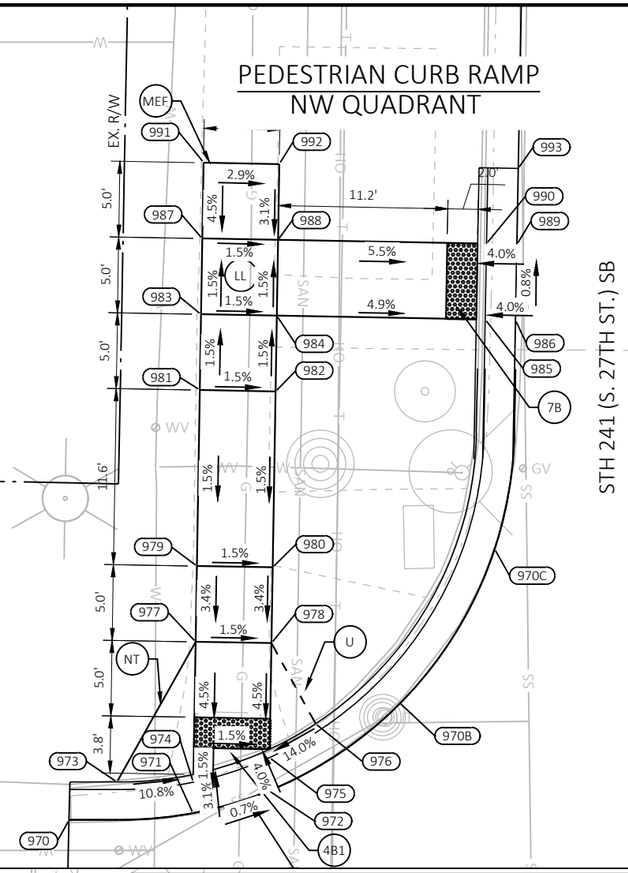
PLOT DATE : 11/20/2024 2:48 PM PLOT BY : STRASSER, JEFFREY PLOT NAME : PLOT SCALE : ##########

WISDOT/CADDS SHEET 42

2

MALLORY AVE NW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
970	1159+69.01	82.84' LT	767.58	266092.18	595308.99
970A	1159+70.66	71.04' LT	767.52	266093.61	595320.81
970B	1159+77.16	61.19' LT	767.45	266099.92	595330.78
970C	1159+87.41	55.09' LT	767.39	266110.06	595337.07
971	1159+69.61	74.68' LT	767.55	266092.62	595317.16
972	1159+71.18	69.68' LT	767.51	266094.10	595322.18
973	1159+71.57	79.72' LT	768.03	266094.68	595312.15
974	1159+71.65	74.68' LT	767.47	266094.66	595317.19
975	1159+73.37	69.69' LT	767.42	266096.29	595322.21
976	1159+75.66	66.69' LT	767.91	266098.52	595325.25
977	1159+80.91	74.70' LT	767.82	266103.92	595317.34
978	1159+80.92	69.70' LT	767.74	266103.84	595322.34
979	1159+85.91	74.72' LT	767.99	266108.92	595317.42
980	1159+85.92	69.71' LT	767.91	266108.84	595322.43
981	1159+97.53	74.74' LT	768.17	266120.53	595317.61
982	1159+97.53	69.74' LT	768.09	266120.44	595322.61
983	1160+02.53	74.75' LT	768.09	266125.53	595317.69
984	1160+02.53	69.75' LT	768.02	266125.44	595322.69
985	1160+02.53	56.00' LT	767.34	266125.19	595336.44
986	1160+02.53	54.00' LT	767.31	266125.15	595338.44
987	1160+07.53	74.76' LT	768.02	266130.53	595317.78
988	1160+07.53	69.76' LT	767.94	266130.44	595322.78
989	1160+07.53	54.00' LT	767.27	266130.15	595338.53
990	1160+07.53	56.00' LT	767.19	266130.19	595336.53
991	1160+12.53	74.76' LT	768.24	266135.53	595317.87
992	1160+12.53	69.77' LT	768.10	266135.44	595322.86
993	1160+12.53	54.00' LT	767.26	266135.15	595338.63

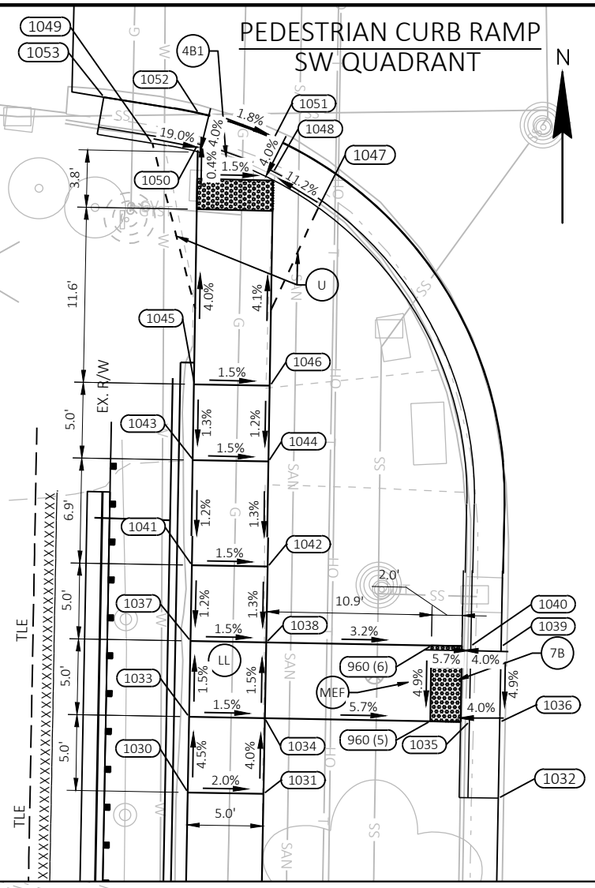
PEDESTRIAN CURB RAMP NW QUADRANT



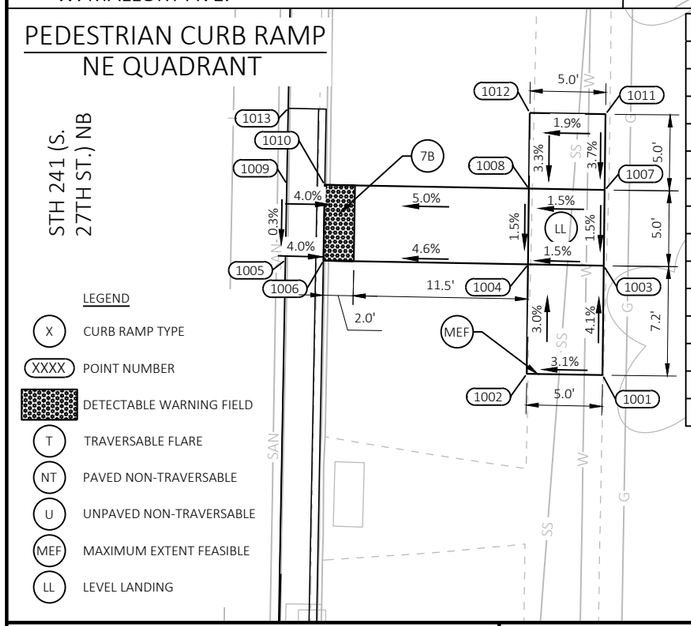
W. MALLORY AVE.

MALLORY AVE SW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
960 (5)	1159+02.67	58.58' LT	766.98	266025.39	595332.01
960 (6)	1159+07.66	58.60' LT	767.22	266030.39	595332.09
1030	1158+97.67	74.49' LT	767.90	266020.69	595316.02
1031	1158+97.67	69.50' LT	767.80	266020.60	595321.00
1032	1158+97.67	54.00' LT	766.94	266020.31	595336.50
1033	1159+02.67	74.50' LT	767.68	266025.69	595316.10
1034	1159+02.67	69.50' LT	767.60	266025.60	595321.10
1035	1159+02.67	56.00' LT	766.83	266025.35	595334.59
1036	1159+02.68	54.00' LT	766.91	266025.33	595336.59
1037	1159+07.67	74.50' LT	767.60	266030.69	595316.19
1038	1159+07.67	69.50' LT	767.53	266030.60	595321.19
1039	1159+07.67	54.00' LT	767.15	266030.31	595336.69
1040	1159+07.67	56.00' LT	767.07	266030.35	595334.69
1041	1159+12.67	74.50' LT	767.66	266035.69	595316.28
1042	1159+12.67	69.50' LT	767.59	266035.59	595321.28
1043	1159+19.60	74.53' LT	767.75	266042.62	595316.38
1044	1159+19.60	69.57' LT	767.68	266042.52	595321.34
1045	1159+24.60	74.55' LT	767.81	266047.62	595316.45
1046	1159+24.60	69.55' LT	767.74	266047.52	595321.45
1047	1159+36.38	66.61' LT	767.57	266059.25	595324.61
1048	1159+38.70	69.61' LT	767.15	266061.62	595321.65
1049	1159+40.44	77.62' LT	767.83	266063.52	595313.68
1050	1159+40.44	74.62' LT	767.25	266063.46	595316.68
1051	1159+40.90	69.62' LT	767.24	266063.82	595321.68
1052	1159+42.49	74.62' LT	767.35	266065.50	595316.71
1053	1159+43.43	80.88' LT	767.54	266066.57	595310.47

PEDESTRIAN CURB RAMP SW QUADRANT

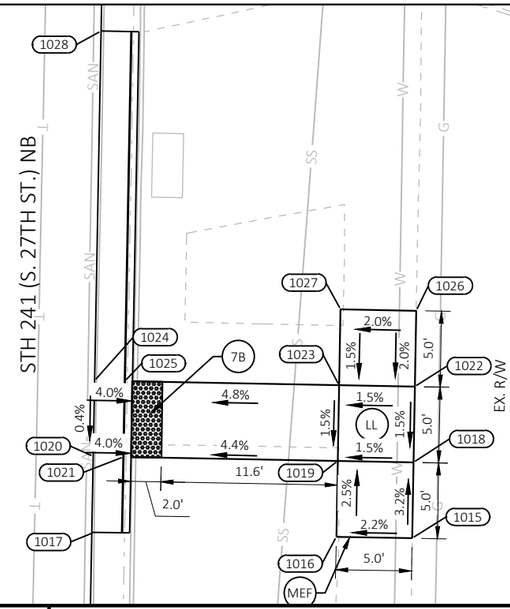


PEDESTRIAN CURB RAMP NE QUADRANT



MALLORY AVE NE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
1001	1159+95.31	75.06' RT	767.85	266115.55	595467.34
1002	1159+95.31	70.06' RT	767.70	266115.64	595462.34
1003	1160+02.53	75.00' RT	767.55	266122.76	595467.42
1004	1160+02.53	70.00' RT	767.48	266122.85	595462.42
1005	1160+02.53	54.00' RT	766.96	266123.15	595446.42
1006	1160+02.53	56.51' RT	766.86	266123.10	595448.93
1007	1160+07.53	74.97' RT	767.63	266127.76	595467.48
1008	1160+07.53	69.97' RT	767.55	266127.85	595462.48
1009	1160+07.53	54.01' RT	766.98	266128.15	595446.52
1010	1160+07.53	56.49' RT	766.88	266128.10	595449.01
1011	1160+12.53	74.93' RT	767.81	266132.76	595467.54
1012	1160+12.53	69.93' RT	767.72	266132.85	595462.54
1013	1160+12.53	53.99' RT	766.99	266133.15	595446.60

PEDESTRIAN CURB RAMP SE QUADRANT



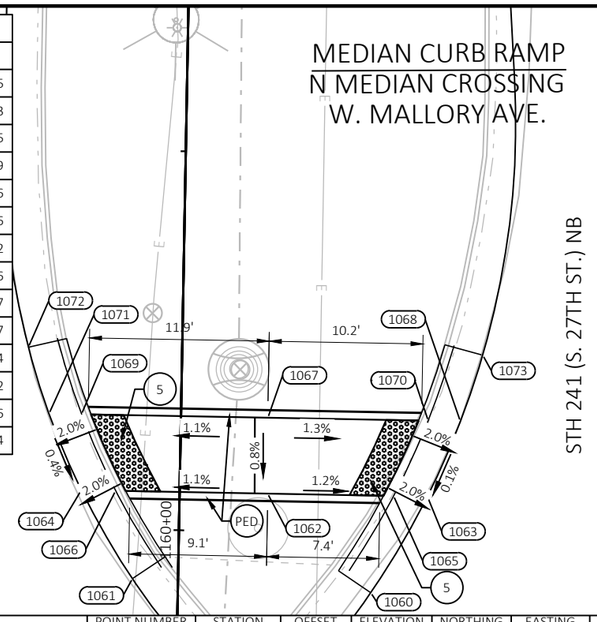
MALLORY AVE SE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
1015	1158+97.67	75.14' RT	767.78	266017.92	595465.62
1016	1158+97.67	70.14' RT	767.67	266018.01	595460.62
1017	1158+97.67	54.15' RT	766.98	266018.31	595444.63
1018	1159+02.67	75.14' RT	767.62	266022.92	595465.71
1019	1159+02.67	70.14' RT	767.55	266023.01	595460.71
1020	1159+02.67	54.00' RT	767.01	266023.31	595444.57
1021	1159+02.67	56.00' RT	766.93	266023.27	595446.57
1022	1159+07.67	75.13' RT	767.70	266027.92	595465.79
1023	1159+07.67	70.14' RT	767.62	266028.01	595460.80
1024	1159+07.67	54.00' RT	767.03	266028.31	595444.67
1025	1159+07.67	56.00' RT	766.95	266028.27	595446.67
1026	1159+12.67	75.13' RT	767.79	266032.92	595465.89
1027	1159+12.67	70.14' RT	767.70	266033.01	595460.90
1028	1159+30.73	54.00' RT	767.09	266051.37	595445.09

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	INTERSECTION DETAILS (CURB RAMPS) W. MALLORY AVE.	SHEET 96	E

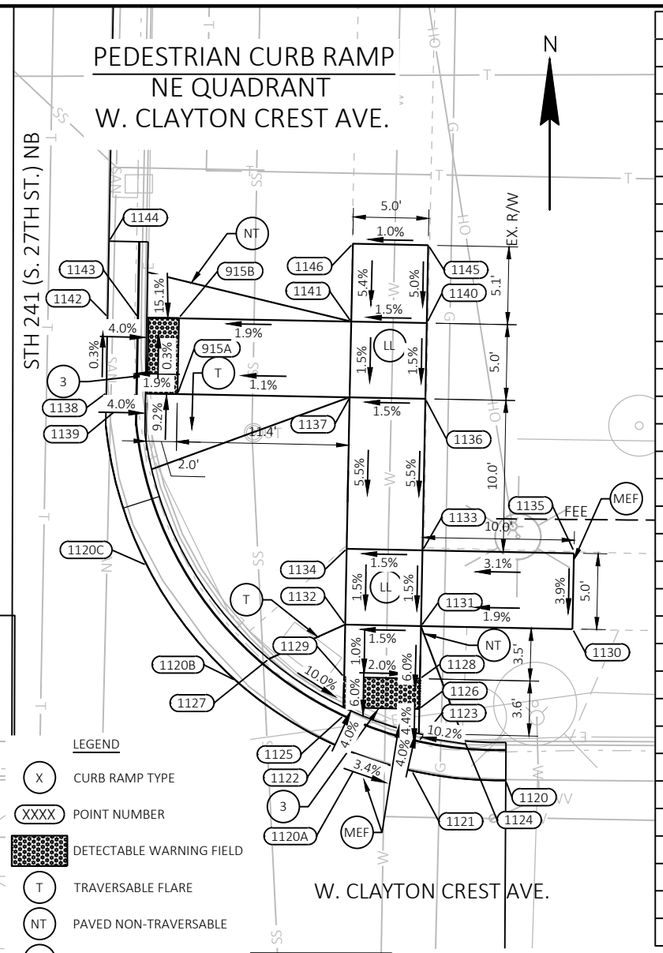
2

MALLORY AVE N. MEDIAN					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
1060	1159+96.11	12.74' RT	767.98	266117.50	595405.05
1061	1159+96.75	3.00' LT	767.99	266118.43	595389.33
1062	1160+02.53	5.82' RT	768.09	266124.04	595398.25
1063	1160+02.53	16.36' RT	767.95	266123.85	595408.79
1064	1160+02.53	6.48' LT	767.94	266124.27	595385.96
1065	1160+02.53	14.13' RT	767.87	266123.89	595406.56
1066	1160+02.53	4.22' LT	767.86	266124.23	595388.22
1067	1160+07.52	5.74' RT	768.13	266129.04	595398.26
1068	1160+07.52	18.45' RT	767.95	266128.80	595410.97
1069	1160+07.52	6.56' LT	767.87	266129.27	595385.97
1070	1160+07.52	16.32' RT	767.87	266128.84	595408.84
1071	1160+07.53	8.71' LT	767.96	266129.31	595383.82
1072	1160+11.88	10.14' LT	768.00	266133.69	595382.46
1073	1160+11.92	19.84' RT	767.94	266133.17	595412.44

MEDIAN CURB RAMP
N MEDIAN CROSSING
W. MALLORY AVE.



PEDESTRIAN CURB RAMP
NE QUADRANT
W. CLAYTON CREST AVE.



CLAYTON CREST AVE NE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
915A	1163+70.08	58.93' RT	767.64	266490.55	595458.16
915B	1163+75.08	58.93' RT	767.63	266495.55	595458.25
1120	1163+44.99	81.06' RT	766.71	266465.05	595479.82
1120A	1163+46.45	71.55' RT	767.02	266466.69	595470.34
1120B	1163+51.25	63.13' RT	767.27	266471.65	595462.01
1120C	1163+58.75	57.12' RT	767.49	266479.26	595456.14
1121	1163+45.50	74.87' RT	766.88	266465.68	595473.64
1122	1163+47.21	69.53' RT	767.06	266467.49	595468.33
1123	1163+47.46	75.27' RT	766.80	266467.63	595474.08
1124	1163+47.55	78.28' RT	767.23	266467.66	595477.09
1125	1163+49.06	70.29' RT	766.99	266469.33	595469.12
1126	1163+49.60	75.27' RT	766.90	266469.77	595474.11
1127	1163+52.71	65.28' RT	767.58	266473.07	595464.19
1128	1163+51.60	75.27' RT	767.02	266471.77	595474.16
1129	1163+51.61	70.27' RT	767.12	266471.88	595469.16
1130	1163+55.06	85.28' RT	767.41	266475.04	595484.23
1131	1163+55.07	75.28' RT	767.22	266475.24	595474.23
1132	1163+55.07	70.28' RT	767.15	266475.33	595469.23
1133	1163+60.07	75.29' RT	767.30	266480.23	595474.33
1134	1163+60.07	70.29' RT	767.22	266480.33	595469.33
1135	1163+60.19	85.29' RT	767.61	266480.18	595484.33
1136	1163+70.07	75.30' RT	767.84	266490.23	595474.52
1137	1163+70.07	70.31' RT	767.77	266490.33	595469.53
1138	1163+70.08	54.27' RT	767.67	266490.64	595453.50
1139	1163+70.08	56.24' RT	767.59	266490.60	595455.47
1140	1163+75.07	75.30' RT	767.92	266495.23	595474.62
1141	1163+75.07	70.29' RT	767.84	266495.33	595469.61
1142	1163+75.08	54.24' RT	767.65	266495.63	595453.57
1143	1163+75.08	56.24' RT	767.58	266495.60	595455.56
1144	1163+80.07	54.24' RT	767.62	266500.63	595453.65
1145	1163+80.20	75.30' RT	768.17	266500.36	595474.72
1146	1163+80.20	70.32' RT	768.12	266500.46	595469.74

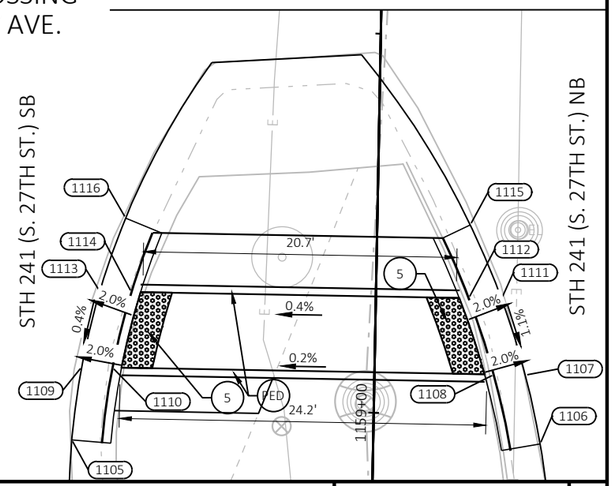
PEDESTRIAN CURB RAMP
SE QUADRANT
W. CLAYTON CREST AVE.

POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
967A	1163+08.36	70.25' RT	766.72	266428.63	595468.34
967B	1163+08.35	75.25' RT	766.62	266428.53	595473.34
1075	1162+68.91	54.00' RT	767.27	266389.49	595451.36
1076	1162+69.09	70.22' RT	767.73	266389.37	595467.58
1077	1162+69.15	75.22' RT	767.87	266389.34	595472.58
1078	1162+73.91	54.00' RT	767.27	266394.49	595451.45
1079	1162+73.93	56.00' RT	767.21	266394.47	595453.45
1080	1162+74.09	70.23' RT	767.54	266394.37	595467.68
1081	1162+74.15	75.23' RT	767.62	266394.34	595472.68
1082	1162+78.91	53.97' RT	767.29	266399.49	595451.51
1083	1162+78.93	56.00' RT	767.24	266399.47	595453.54
1084	1162+79.09	70.23' RT	767.47	266399.37	595467.77
1085	1162+79.15	75.23' RT	767.54	266399.34	595472.77
1086	1162+83.91	54.00' RT	767.26	266404.49	595451.63
1087	1163+01.13	85.25' RT	767.20	266421.12	595483.19
1088	1163+01.13	75.25' RT	766.75	266421.31	595473.20
1089	1163+01.14	70.25' RT	766.82	266421.41	595468.20
1090	1163+06.13	85.25' RT	767.08	266426.12	595483.29
1091	1163+06.13	75.25' RT	766.67	266426.31	595473.29
1092	1163+06.14	70.25' RT	766.75	266426.41	595468.29
1093	1163+08.71	67.25' RT	767.29	266429.04	595465.34
1094	1163+09.07	63.50' RT	766.95	266429.47	595461.60
1095	1163+10.91	70.26' RT	766.68	266431.18	595468.39
1096	1163+12.41	78.26' RT	766.97	266432.53	595476.41
1097	1163+12.50	75.25' RT	766.53	266432.68	595473.41
1098	1163+12.74	69.45' RT	766.76	266433.02	595467.61
1099	1163+14.46	74.87' RT	766.61	266434.65	595473.07
1100	1163+14.99	81.45' RT	766.45	266435.05	595479.65
1100A	1163+14.75	76.63' RT	766.58	266434.90	595474.83
1100B	1163+11.77	67.50' RT	766.82	266432.09	595465.64
1100C	1163+13.69	71.92' RT	766.69	266433.93	595470.11

LEGEND

- (X) CURB RAMP TYPE
- (XXXX) POINT NUMBER
- DETECTABLE WARNING FIELD
- (T) TRAVERSABLE FLARE
- (NT) PAVED NON-TRAVERSABLE
- (U) UNPAVED NON-TRAVERSABLE
- (MEF) MAXIMUM EXTENT FEASIBLE
- (LL) LEVEL LANDING

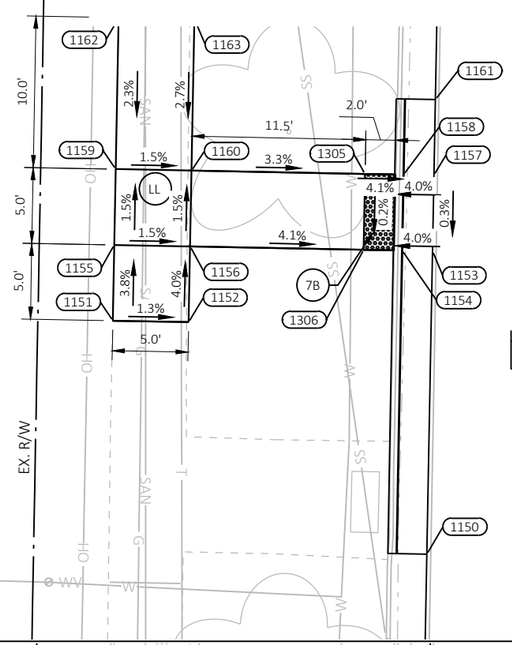
MEDIAN CURB RAMP
S MEDIAN CROSSING
W. MALLORY AVE.



MALLORY AVE S. MEDIAN					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
1105	1158+97.85	19.88' LT	767.65	266019.86	595370.61
1106	1158+98.16	11.02' RT	768.02	266019.59	595401.51
1107	1159+02.67	9.95' RT	768.02	266024.13	595400.53
1108	1159+02.67	7.87' RT	767.98	266024.16	595398.45
1109	1159+02.67	19.32' LT	767.71	266024.67	595371.27
1110	1159+02.67	17.29' LT	767.93	266024.63	595373.30
1111	1159+07.67	8.28' RT	768.00	266029.16	595398.96
1112	1159+07.67	6.13' RT	768.04	266029.20	595396.81
1113	1159+07.67	18.21' LT	767.80	266029.65	595372.46
1114	1159+07.67	16.14' LT	767.95	266029.61	595374.54
1115	1159+12.51	6.14' RT	767.98	266034.03	595396.90
1116	1159+12.53	16.61' LT	767.80	266034.48	595374.16

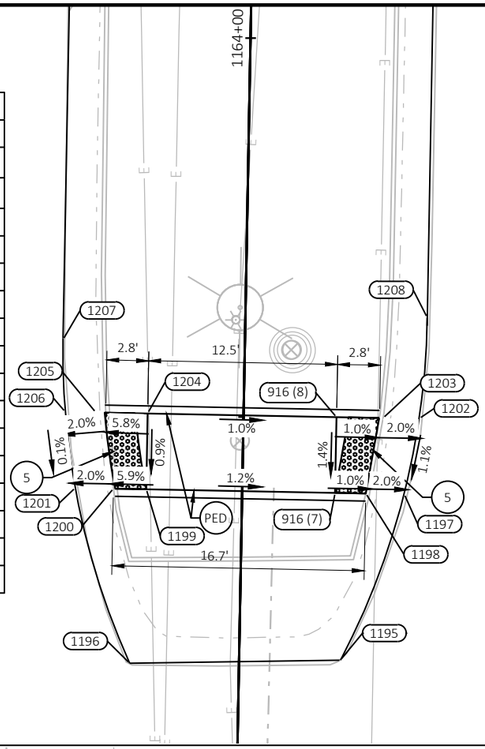
PEDESTRIAN CURB RAMP
NW QUADRANT

CLAYTON CREST AVE NW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
1150	1163+50.16	54.00' LT	767.94	266472.72	595344.88
1151	1163+65.17	75.00' LT	768.78	266488.12	595324.16
1152	1163+65.17	70.00' LT	768.71	266488.03	595329.16
1153	1163+70.16	54.00' LT	768.02	266492.72	595345.25
1154	1163+70.16	56.00' LT	767.94	266492.76	595343.25
1155	1163+70.17	75.00' LT	768.59	266493.12	595324.25
1156	1163+70.17	70.00' LT	768.51	266493.02	595329.25
1157	1163+75.16	54.00' LT	768.03	266497.72	595345.34
1158	1163+75.16	56.00' LT	767.95	266497.75	595343.34
1159	1163+75.17	75.00' LT	768.51	266498.12	595324.35
1160	1163+75.17	70.00' LT	768.44	266498.02	595329.35
1161	1163+80.16	54.00' LT	768.05	266502.72	595345.44
1162	1163+85.16	74.97' LT	768.74	266508.10	595324.56
1163	1163+85.17	70.00' LT	768.71	266508.02	595329.53
1305	1163+75.16	58.54' LT	768.06	266497.80	595340.80
1306	1163+70.16	58.54' LT	768.04	266492.80	595340.71



MEDIAN PEDESTRIAN CURB RAMP
N MEDIAN CROSSING

CLAYTON CREST MEDIAN					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
916 (7)	1163+70.11	6.13' RT	768.88	266491.56	595405.37
916 (8)	1163+75.11	6.13' RT	768.95	266496.56	595405.46
1195	1163+59.09	6.69' RT	768.75	266480.52	595405.73
1196	1163+58.62	7.20' LT	768.75	266480.32	595391.82
1197	1163+70.11	10.69' RT	768.81	266491.47	595409.92
1198	1163+70.11	8.15' RT	768.86	266491.52	595407.39
1199	1163+70.12	6.33' LT	769.03	266491.80	595392.91
1200	1163+70.12	8.50' LT	768.91	266491.84	595390.75
1201	1163+70.13	11.02' LT	768.85	266491.89	595388.22
1202	1163+75.11	11.59' RT	768.87	266496.46	595410.92
1203	1163+75.11	9.21' RT	768.92	266496.50	595408.54
1204	1163+75.12	6.33' LT	769.07	266496.80	595393.01
1205	1163+75.12	9.75' LT	768.90	266496.87	595389.58
1206	1163+75.13	11.76' LT	768.86	266496.90	595387.57
1207	1163+79.88	12.00' LT	768.85	266501.67	595387.42
1208	1163+81.77	12.00' RT	768.90	266503.11	595411.45



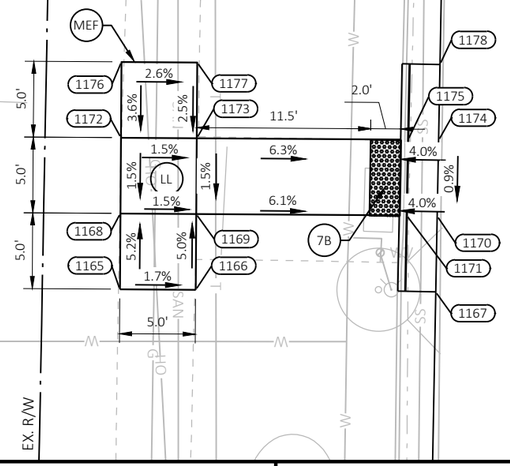
N

LEGEND

- (X) CURB RAMP TYPE
- (XXXX) POINT NUMBER
- DETECTABLE WARNING FIELD
- (T) TRAVERSABLE FLARE
- (NT) PAVED NON-TRAVERSABLE
- (U) UNPAVED NON-TRAVERSABLE
- (MEF) MAXIMUM EXTENT FEASIBLE
- (LL) LEVEL LANDING

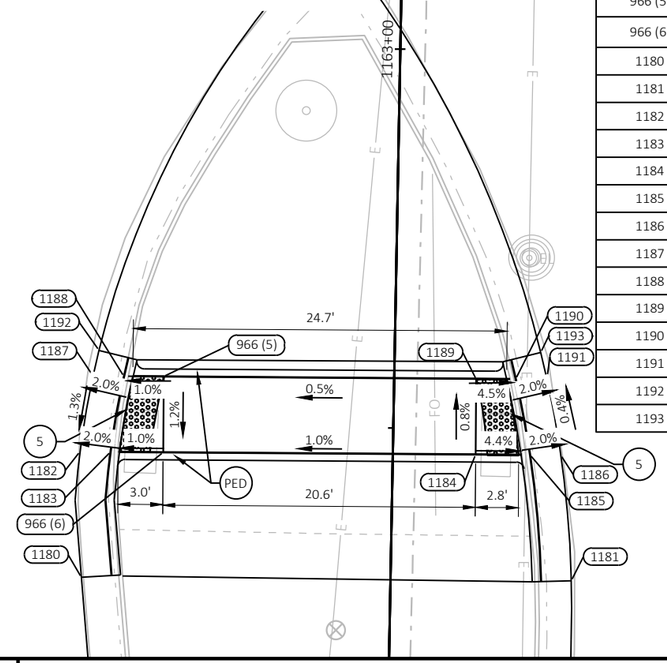
PEDESTRIAN CURB RAMP
SW QUADRANT

CLAYTON CREST AVE SW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
1165	1162+67.43	74.84' LT	768.72	266390.40	595322.51
1166	1162+67.49	69.84' LT	768.64	266390.36	595327.51
1167	1162+67.64	54.00' LT	767.60	266390.22	595343.35
1168	1162+72.43	74.90' LT	768.47	266395.40	595322.55
1169	1162+72.49	69.90' LT	768.39	266395.36	595327.55
1170	1162+72.64	54.00' LT	767.62	266395.22	595343.44
1171	1162+72.64	56.00' LT	767.54	266395.26	595341.44
1172	1162+77.43	74.96' LT	768.54	266400.40	595322.58
1173	1162+77.49	69.96' LT	768.47	266400.36	595327.58
1174	1162+77.64	54.00' LT	767.67	266400.22	595343.54
1175	1162+77.64	56.00' LT	767.59	266400.26	595341.54
1176	1162+82.43	75.01' LT	768.72	266405.40	595322.62
1177	1162+82.49	70.01' LT	768.59	266405.36	595327.62
1178	1162+82.64	54.00' LT	767.72	266405.22	595343.63



MEDIAN PEDESTRIAN CURB RAMP
S MEDIAN CROSSING

CLAYTON CREST AVE S. MEDIAN					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
966 (5)	1162+78.12	15.21' LT	768.44	266399.97	595382.33
966 (6)	1162+73.12	15.15' LT	768.38	266394.97	595382.30
1180	1162+64.77	20.39' LT	768.23	266386.73	595376.90
1181	1162+65.14	11.94' RT	768.32	266386.50	595409.23
1182	1162+73.05	20.64' LT	768.27	266395.01	595376.81
1183	1162+73.08	18.63' LT	768.35	266395.00	595378.82
1184	1162+73.35	5.47' RT	768.59	266394.83	595402.92
1185	1162+73.39	9.06' RT	768.43	266394.80	595406.51
1186	1162+73.42	11.09' RT	768.35	266394.79	595408.53
1187	1162+78.06	19.87' LT	768.34	266400.01	595377.66
1188	1162+78.09	17.83' LT	768.42	266399.99	595379.71
1189	1162+78.31	5.42' RT	768.55	266399.79	595402.95
1190	1162+78.38	8.03' RT	768.43	266399.81	595405.57
1191	1162+78.41	10.08' RT	768.35	266399.80	595407.62
1192	1162+79.76	19.51' LT	768.38	266401.70	595378.06
1193	1162+80.16	9.64' RT	768.35	266401.56	595407.21



PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	INTERSECTION DETAILS (CURB RAMPS) W. CLAYTON CREST AVE.	SHEET 98	E

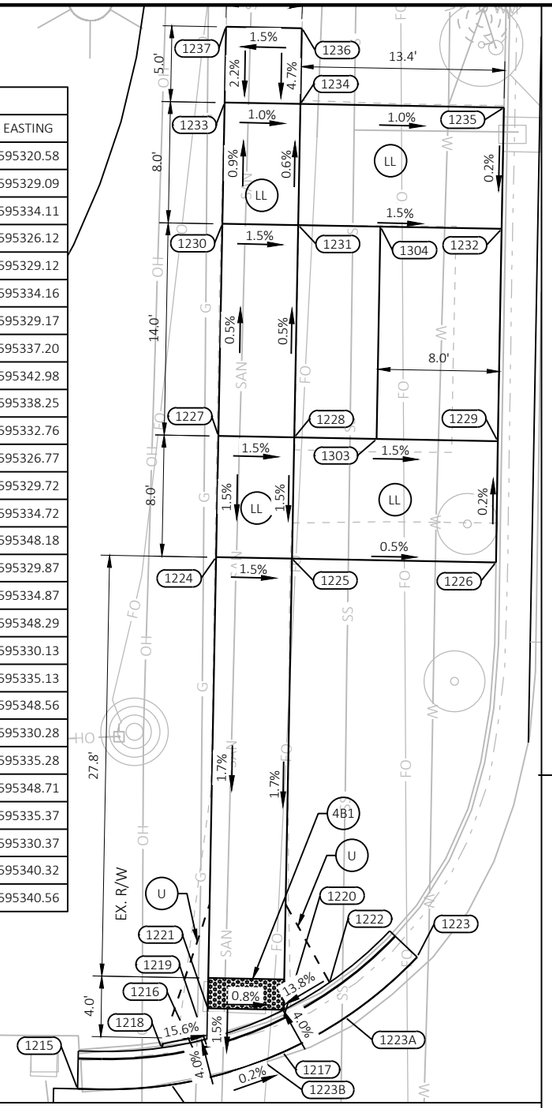
2

PEDESTRIAN CURB RAMP
NW QUADRANT

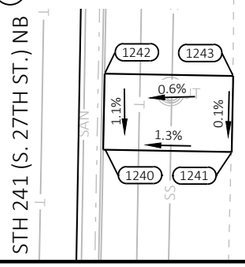
NW UPHAM AVE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
1215	1166+20.53	83.31' LT	768.80	266743.59	595320.58
1216	1166+21.40	74.82' LT	768.92	266744.30	595329.09
1217	1166+23.19	69.82' LT	768.91	266746.00	595334.11
1218	1166+23.33	77.82' LT	769.33	266746.29	595326.12
1219	1166+23.48	74.82' LT	768.84	266746.38	595329.12
1220	1166+25.42	69.82' LT	768.83	266748.23	595334.16
1221	1166+25.99	74.82' LT	768.91	266748.90	595329.17
1222	1166+27.85	66.82' LT	769.33	266750.61	595337.20
1223	1166+29.64	61.07' LT	768.89	266752.29	595342.98
1223A	1166+25.56	65.73' LT	768.90	266748.29	595338.25
1223B	1166+22.60	71.17' LT	768.91	266745.44	595332.76
1223C	1166+20.91	77.13' LT	768.88	266743.86	595326.77
1224	1166+55.76	74.82' LT	769.41	266778.66	595329.72
1225	1166+55.76	69.82' LT	769.33	266778.57	595334.72
1226	1166+55.76	56.36' LT	769.26	266778.32	595348.18
1227	1166+63.76	74.82' LT	769.52	266786.66	595329.87
1228	1166+63.76	69.82' LT	769.45	266786.56	595334.87
1229	1166+63.77	56.39' LT	769.25	266786.32	595348.29
1230	1166+77.76	74.82' LT	769.46	266800.65	595330.13
1231	1166+77.76	69.82' LT	769.38	266800.56	595335.13
1232	1166+77.76	56.39' LT	769.18	266800.32	595348.56
1233	1166+85.76	74.82' LT	769.38	266808.65	595330.28
1234	1166+85.76	69.82' LT	769.33	266808.56	595335.28
1235	1166+85.76	56.38' LT	769.20	266808.32	595348.71
1236	1166+90.76	69.82' LT	769.57	266813.56	595335.37
1237	1166+90.76	74.82' LT	769.49	266813.65	595330.37
1303	1166+63.76	64.37' LT	769.37	266786.46	595340.32
1304	1166+77.76	64.39' LT	769.30	266800.46	595340.56

LEGEND

- (X) CURB RAMP TYPE
- (XXXX) POINT NUMBER
- DETECTABLE WARNING FIELD
- (T) TRAVERSABLE FLARE
- (NT) PAVED NON-TRAVERSABLE
- (U) UNPAVED NON-TRAVERSABLE
- (MEF) MAXIMUM EXTENT FEASIBLE
- (LL) LEVEL LANDING



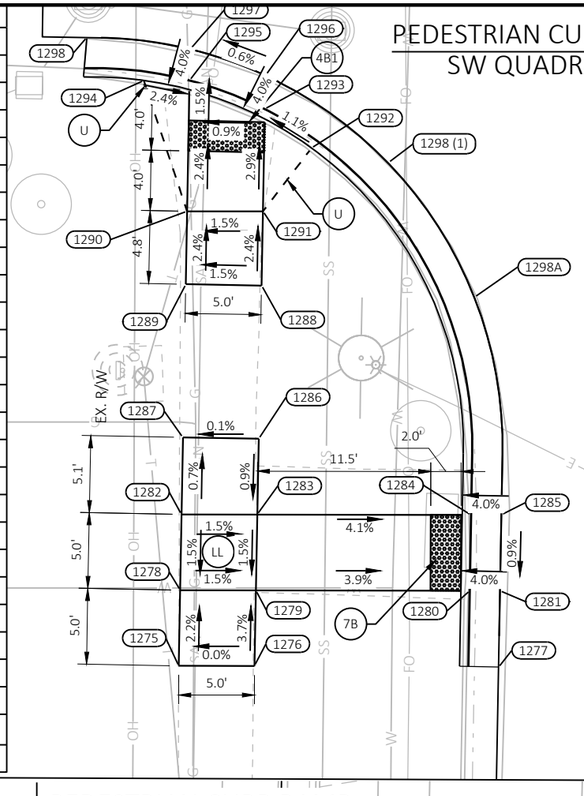
BUS STOP
SE QUADRANT



UPHAM AVE BUS STOP					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
1240	1165+26.08	56.97' RT	768.46	266646.56	595459.09
1241	1165+26.00	70.34' RT	768.63	266646.23	595472.46
1242	1165+33.99	56.79' RT	768.55	266654.47	595459.06
1243	1165+34.00	70.34' RT	768.64	266654.23	595472.60

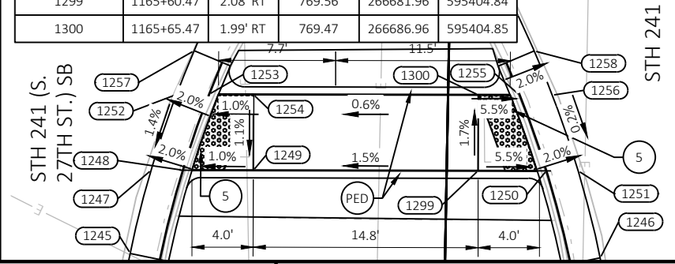
UPHAM AVE SW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
1275	1165+54.18	75.11' LT	769.19	266677.10	595327.55
1276	1165+54.27	70.11' LT	769.19	266677.09	595332.55
1277	1165+54.49	54.00' LT	768.53	266677.02	595348.66
1278	1165+59.18	75.11' LT	769.08	266682.10	595327.64
1279	1165+59.27	70.11' LT	769.00	266682.09	595332.64
1280	1165+59.50	56.00' LT	768.46	266682.06	595346.76
1281	1165+59.54	54.00' LT	768.55	266682.06	595348.76
1282	1165+64.18	75.11' LT	769.15	266687.10	595327.73
1283	1165+64.26	70.11' LT	769.08	266687.09	595332.73
1284	1165+64.50	56.00' LT	768.50	266687.06	595346.85
1285	1165+64.54	54.00' LT	768.59	266687.06	595348.85
1286	1165+69.26	70.11' LT	769.13	266692.09	595332.83
1287	1165+69.27	75.11' LT	769.12	266692.18	595327.83
1288	1165+79.38	70.11' LT	769.17	266702.20	595333.02
1289	1165+79.38	75.11' LT	769.10	266702.29	595328.02
1290	1165+84.19	75.11' LT	768.98	266707.10	595328.11
1291	1165+84.27	70.11' LT	769.05	266707.09	595333.11
1292	1165+88.52	66.98' LT	768.92	266711.28	595336.32
1293	1165+91.03	70.11' LT	768.83	266713.85	595333.23
1294	1165+92.75	78.13' LT	768.88	266715.72	595325.24
1295	1165+92.82	75.11' LT	768.80	266715.74	595328.27
1296	1165+93.24	70.11' LT	768.92	266716.06	595333.27
1297	1165+94.88	75.11' LT	768.88	266717.79	595328.30
1298	1165+95.53	81.95' LT	768.92	266718.57	595321.48
1298 (1)	1165+87.66	61.88' LT	768.63	266710.33	595341.40
1298A	1165+78.88	56.03' LT	768.77	266701.44	595347.09

PEDESTRIAN CURB RAMP
SW QUADRANT

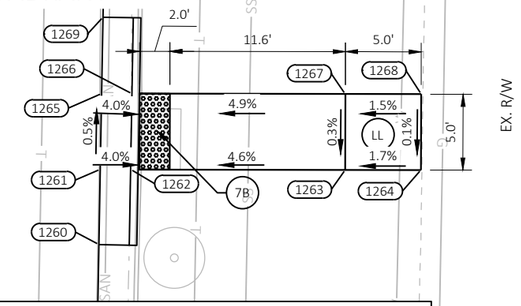


UPHAM AVE S MEDIAN					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
1245	1165+54.59	20.78' LT	769.16	266676.51	595381.88
1246	1165+54.87	10.24' RT	769.24	266676.21	595412.90
1247	1165+60.11	19.50' LT	769.23	266682.00	595383.26
1248	1165+60.15	17.42' LT	769.28	266682.00	595385.34
1249	1165+60.22	12.76' LT	769.33	266681.99	595390.00
1250	1165+60.55	6.58' RT	769.31	266681.95	595409.35
1251	1165+60.58	8.67' RT	769.27	266681.95	595411.44
1252	1165+65.14	17.92' LT	769.31	266687.00	595384.93
1253	1165+65.17	15.78' LT	769.36	266687.00	595387.08
1254	1165+65.22	12.85' LT	769.39	266686.99	595390.01
1255	1165+65.52	4.72' RT	769.32	266686.96	595407.58
1256	1165+65.55	6.87' RT	769.28	266686.95	595409.73
1257	1165+68.04	16.81' LT	769.33	266689.88	595386.10
1258	1165+68.44	5.63' RT	769.29	266689.87	595408.54
1299	1165+60.47	2.08' RT	769.56	266681.96	595404.84
1300	1165+65.47	1.99' RT	769.47	266686.96	595404.85

MEDIAN PEDESTRIAN CURB RAMP S MEDIAN



PEDESTRIAN CURB RAMP
SE QUADRANT



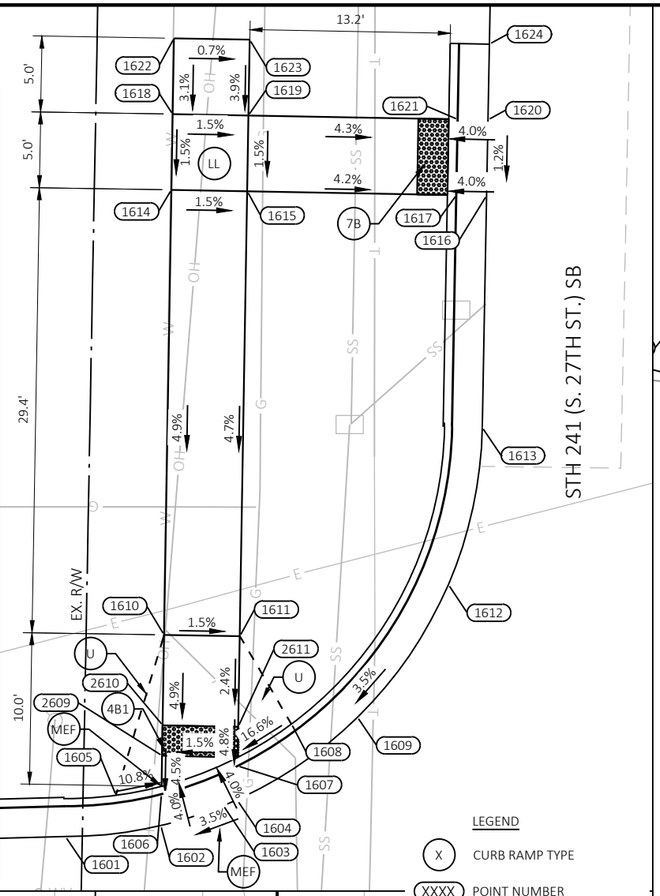
UPHAM AVE SE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
1260	1165+55.88	54.14' RT	768.17	266676.41	595456.81
1261	1165+60.84	54.14' RT	768.13	266681.37	595456.90
1262	1165+60.88	56.15' RT	768.05	266681.37	595458.91
1263	1165+61.11	70.30' RT	768.70	266681.34	595473.06
1264	1165+61.20	75.30' RT	768.79	266681.33	595478.06
1265	1165+65.84	54.14' RT	768.11	266686.37	595456.99
1266	1165+65.88	56.14' RT	768.03	266686.37	595458.99
1267	1165+66.11	70.22' RT	768.72	266686.34	595473.07
1268	1165+66.20	75.22' RT	768.79	266686.33	595478.07
1269	1165+70.88	54.13' RT	768.09	266691.41	595457.08

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	INTERSECTION DETAILS (CURB RAMPS) W. UPHAM AVE.	SHEET 99	E

2

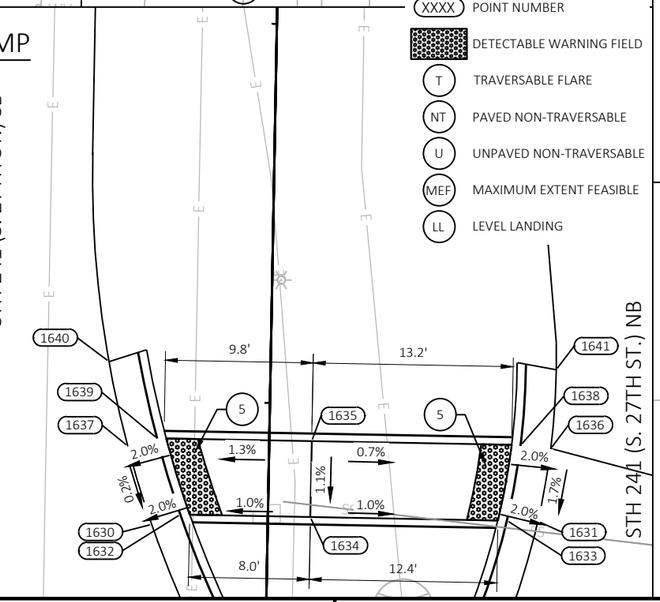
PEDESTRIAN CURB RAMP
NW QUADRANT

ABBOTT AVE NW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
1601	1172+74.74	80.99' LT	770.09	267397.65	595335.01
1602	1172+75.59	74.72' LT	770.25	267398.38	595341.30
1603	1172+76.98	70.62' LT	770.44	267399.70	595345.42
1604	1172+77.39	69.73' LT	770.47	267400.08	595346.33
1605	1172+77.53	77.72' LT	770.61	267400.37	595338.33
1606	1172+77.66	74.72' LT	770.25	267400.45	595341.33
1607	1172+79.62	69.73' LT	770.46	267402.32	595346.37
1608	1172+82.44	66.23' LT	771.13	267405.07	595349.91
1609	1172+82.98	61.88' LT	770.78	267405.53	595354.28
1610	1172+88.17	74.74' LT	770.76	267410.96	595341.51
1611	1172+88.18	69.74' LT	770.68	267410.87	595346.51
1612	1172+91.83	56.04' LT	771.19	267414.28	595360.27
1613	1173+02.24	54.00' LT	771.47	267424.64	595362.51
1614	1173+17.53	74.80' LT	772.19	267440.31	595342.00
1615	1173+17.53	69.80' LT	772.11	267440.22	595347.00
1616	1173+17.53	54.00' LT	771.61	267439.93	595362.79
1617	1173+17.53	56.00' LT	771.53	267439.97	595360.79
1618	1173+22.53	74.81' LT	772.26	267445.31	595342.08
1619	1173+22.53	69.81' LT	772.19	267445.22	595347.08
1620	1173+22.53	54.00' LT	771.67	267444.93	595362.89
1621	1173+22.53	56.00' LT	771.59	267444.96	595360.89
1622	1173+27.53	74.81' LT	772.42	267450.31	595342.17
1623	1173+27.53	69.82' LT	772.38	267450.22	595347.16
1624	1173+27.53	54.00' LT	771.73	267449.93	595362.98
2609	1172+80.19	74.73' LT	770.37	267402.98	595341.37
2610	1172+82.19	74.73' LT	770.46	267404.98	595341.42
2611	1172+82.20	69.73' LT	770.54	267404.90	595346.41



MEDIAN PEDESTRIAN CURB RAMP
N MEDIAN

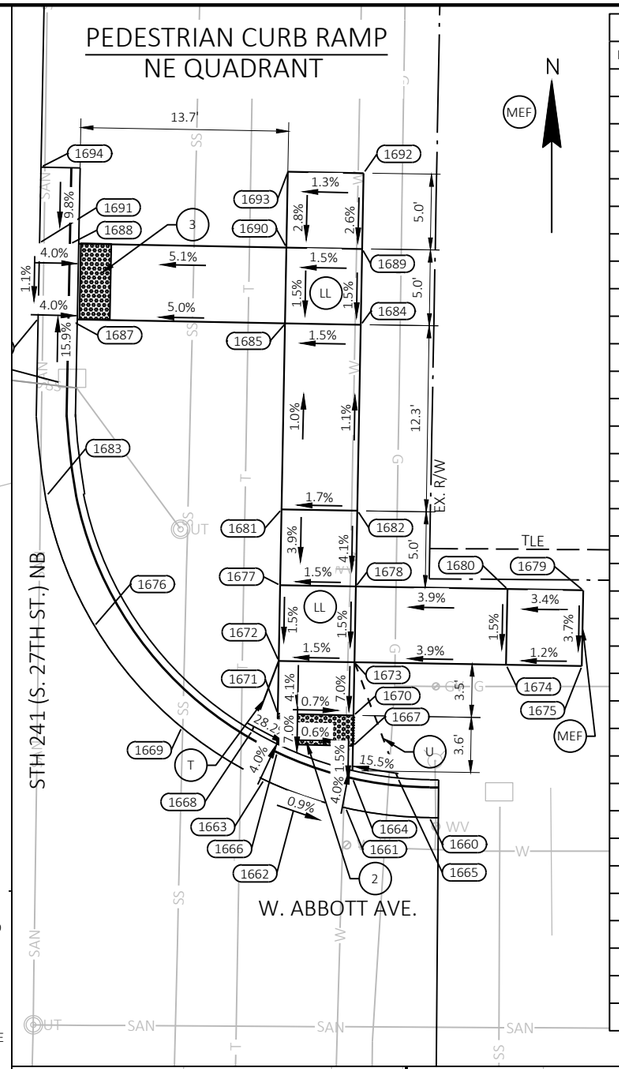
ABBOTT AVE N MEDIAN					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
1630	1173+16.83	7.66' LT	772.44	267438.38	595409.11
1631	1173+17.53	17.83' RT	772.39	267438.59	595434.61
1632	1173+17.53	5.79' LT	772.36	267439.03	595411.00
1633	1173+17.53	15.78' RT	772.31	267438.63	595432.56
1634	1173+17.53	2.80' RT	772.56	267438.87	595419.59
1635	1173+22.53	2.80' RT	772.62	267443.87	595419.68
1636	1173+22.31	18.58' RT	772.48	267443.37	595435.45
1637	1173+21.98	9.34' LT	772.45	267443.55	595407.53
1638	1173+22.52	16.59' RT	772.38	267443.61	595433.47
1639	1173+22.53	7.42' LT	772.37	267444.06	595409.46
1640	1173+27.53	10.67' LT	772.51	267449.12	595406.30
1641	1173+27.53	18.85' RT	772.66	267448.57	595435.81



LEGEND

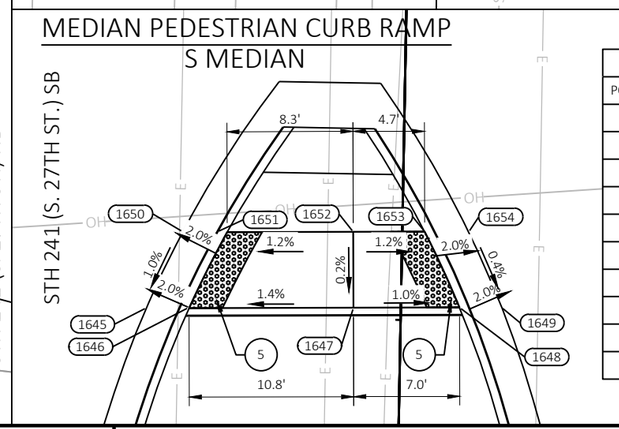
- X — CURB RAMP TYPE
- XXXX — POINT NUMBER
- DETECTABLE WARNING FIELD
- T — TRAVERSABLE FLARE
- NT — PAVED NON-TRAVERSABLE
- U — UNPAVED NON-TRAVERSABLE
- MEF — MAXIMUM EXTENT FEASIBLE
- LL — LEVEL LANDING

PEDESTRIAN CURB RAMP
NE QUADRANT



ABBOTT NE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
1660	1172+85.09	80.42' RT	771.50	267405.00	595496.59
1661	1172+85.62	74.89' RT	771.50	267405.64	595491.07
1662	1172+86.49	71.71' RT	771.52	267406.57	595487.90
1663	1172+87.38	69.47' RT	771.55	267407.50	595485.68
1664	1172+87.58	75.29' RT	771.42	267407.59	595491.51
1665	1172+87.66	78.29' RT	771.90	267407.61	595494.51
1666	1172+89.20	70.29' RT	771.47	267409.30	595486.54
1667	1172+89.74	75.29' RT	771.45	267409.75	595491.55
1668	1172+90.60	68.62' RT	772.01	267410.74	595484.90
1669	1172+90.73	63.97' RT	771.65	267410.95	595480.24
1670	1172+91.74	75.30' RT	771.59	267411.75	595491.59
1671	1172+91.75	70.30' RT	771.62	267411.85	595486.59
1672	1172+95.24	70.29' RT	771.76	267415.34	595486.65
1673	1172+95.25	75.29' RT	771.84	267415.26	595491.65
1674	1172+95.26	85.29' RT	772.23	267415.08	595501.65
1675	1172+95.28	90.29' RT	772.29	267415.01	595506.65
1676	1172+97.32	58.09' RT	771.51	267417.64	595474.49
1677	1173+00.24	70.29' RT	771.84	267420.34	595486.74
1678	1173+00.25	75.29' RT	771.91	267420.26	595491.74
1679	1173+00.26	90.29' RT	772.48	267419.99	595506.74
1680	1173+00.26	85.29' RT	772.31	267420.08	595501.74
1681	1173+05.24	70.29' RT	772.03	267425.34	595486.84
1682	1173+05.25	75.29' RT	772.12	267425.26	595491.83
1683	1173+05.85	54.78' RT	771.29	267426.24	595471.34
1684	1173+17.52	75.29' RT	771.99	267437.53	595492.06
1685	1173+17.52	70.31' RT	771.91	267437.62	595487.09
1686	1173+17.53	54.00' RT	771.30	267437.93	595470.77
1687	1173+17.53	56.00' RT	771.22	267437.89	595472.77
1688	1173+22.51	56.04' RT	771.27	267442.87	595472.91
1689	1173+22.52	75.29' RT	772.06	267442.53	595492.16
1690	1173+22.52	70.29' RT	771.99	267442.62	595487.16
1691	1173+22.52	53.99' RT	771.35	267442.92	595470.86
1692	1173+27.52	75.29' RT	772.19	267447.53	595492.25
1693	1173+27.52	70.29' RT	772.12	267447.62	595487.25
1694	1173+27.52	54.01' RT	771.41	267447.92	595470.97

MEDIAN PEDESTRIAN CURB RAMP
S MEDIAN



ABBOTT AVE SOUTH MEDIAN					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
1645	1172+25.49	16.79' LT	771.50	267347.22	595398.30
1646	1172+25.55	14.00' LT	771.55	267347.23	595401.08
1647	1172+25.75	3.14' LT	771.71	267347.22	595411.95
1648	1172+25.90	3.86' RT	771.64	267347.24	595418.95
1649	1172+25.95	6.61' RT	771.59	267347.25	595421.70
1650	1172+30.55	14.48' LT	771.56	267352.23	595400.69
1651	1172+30.58	12.21' LT	771.61	267352.22	595402.96
1652	1172+30.74	3.24' LT	771.72	267352.21	595411.94
1653	1172+30.85	1.47' RT	771.66	267352.23	595416.65
1654	1172+30.87	4.37' RT	771.61	267352.20	595419.55

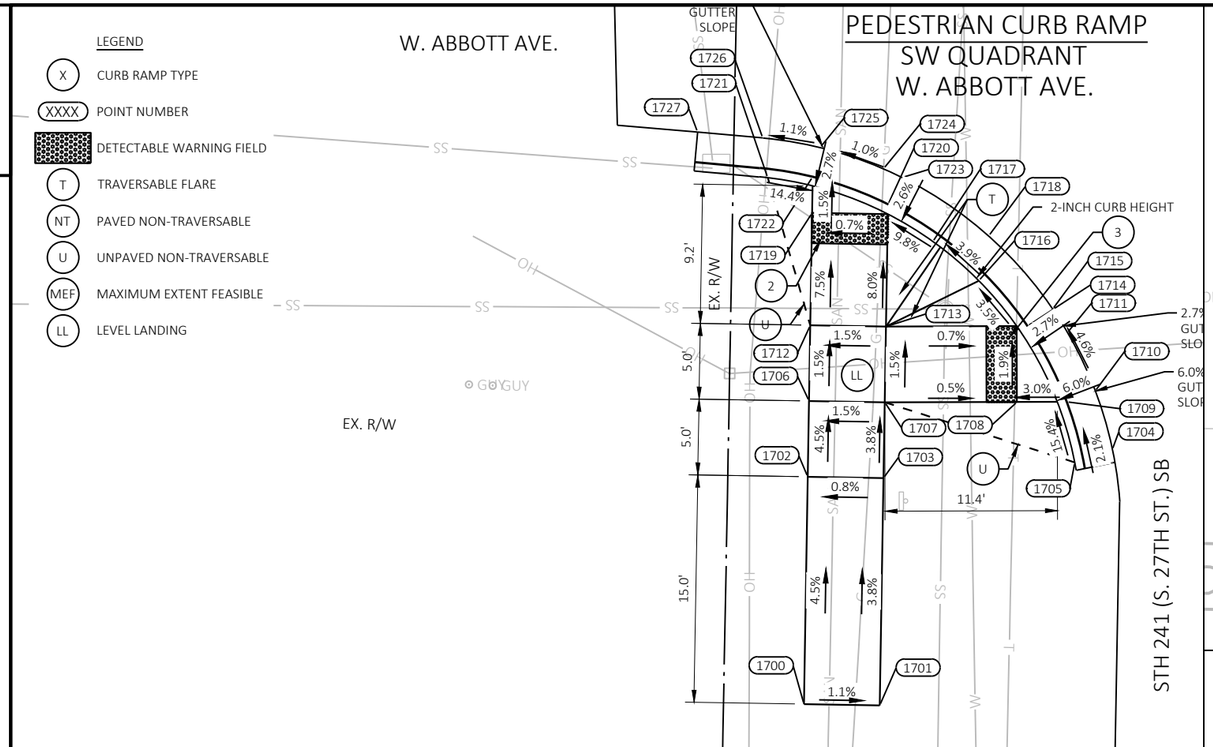
PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	INTERSECTION DETAILS (CURB RAMPS) W. ABBOTT AVE.	SHEET 100	E

2

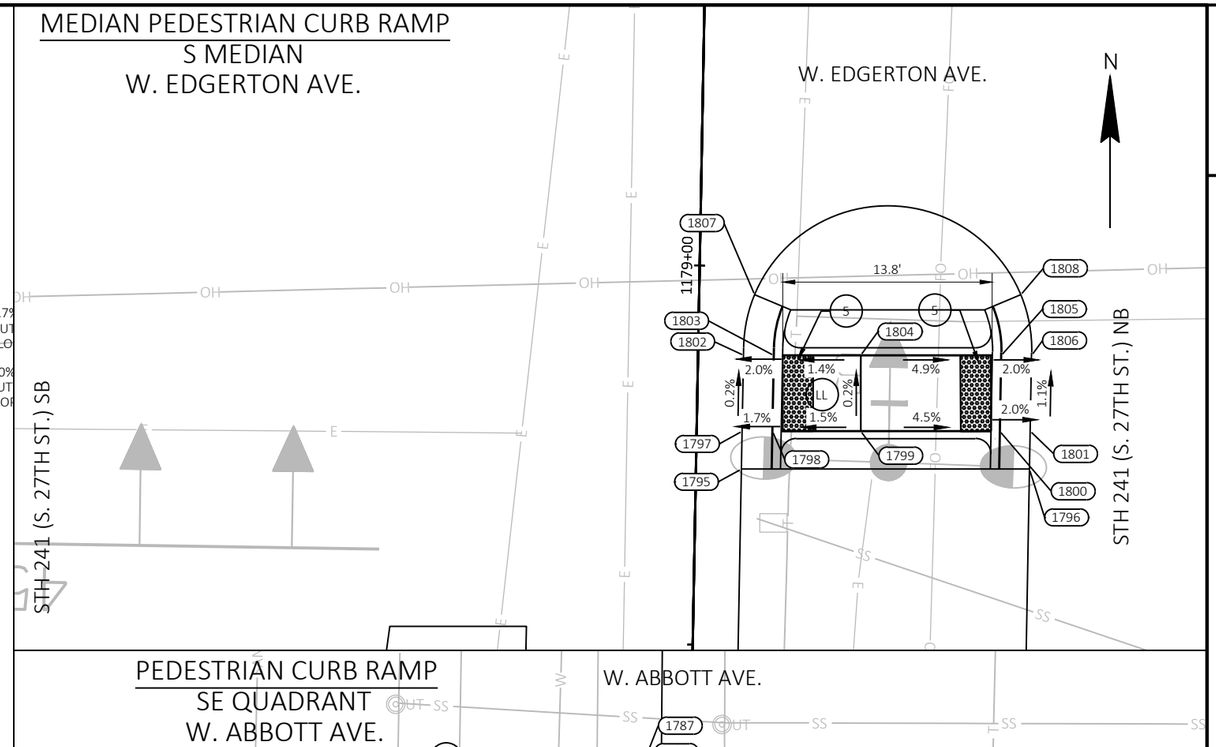
LEGEND

- X — CURB RAMP TYPE
- XXXX — POINT NUMBER
- DETECTABLE WARNING FIELD
- T — TRAVERSABLE FLARE
- NT — PAVED NON-TRAVERSABLE
- U — UNPAVED NON-TRAVERSABLE
- MEF — MAXIMUM EXTENT FEASIBLE
- LL — LEVEL LANDING

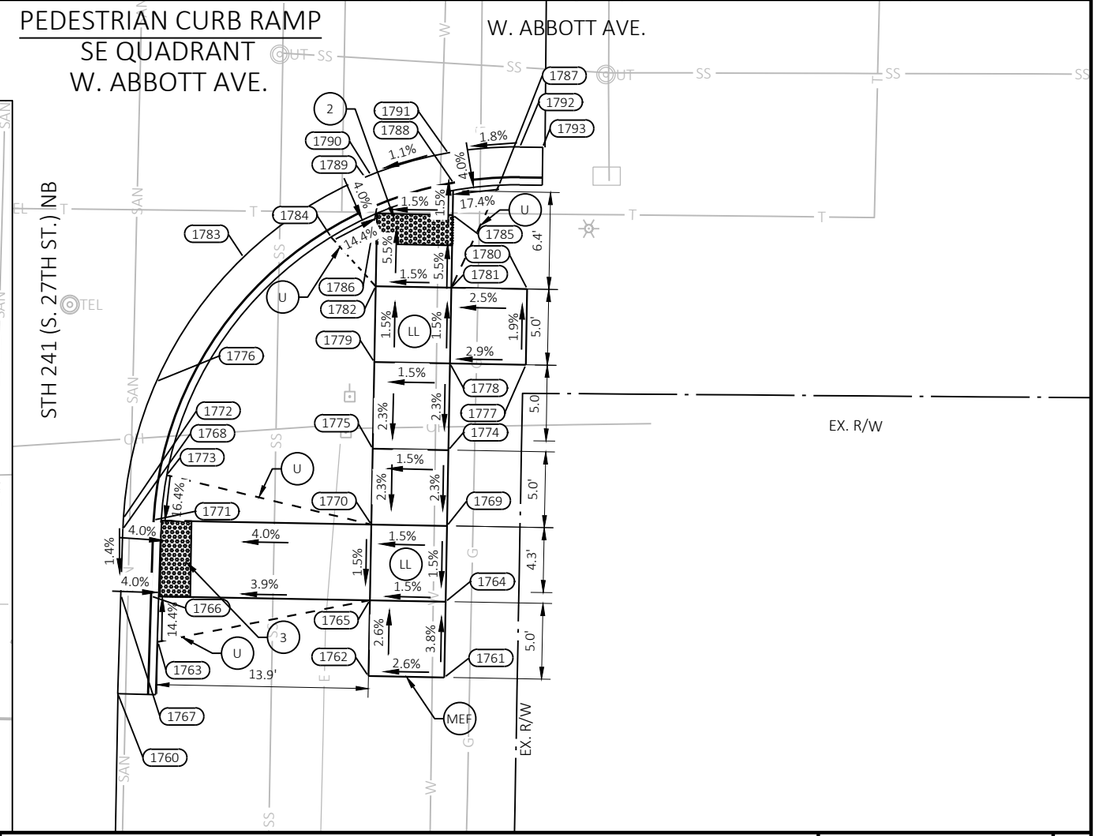
PEDESTRIAN CURB RAMP
SW QUADRANT
W. ABBOTT AVE.



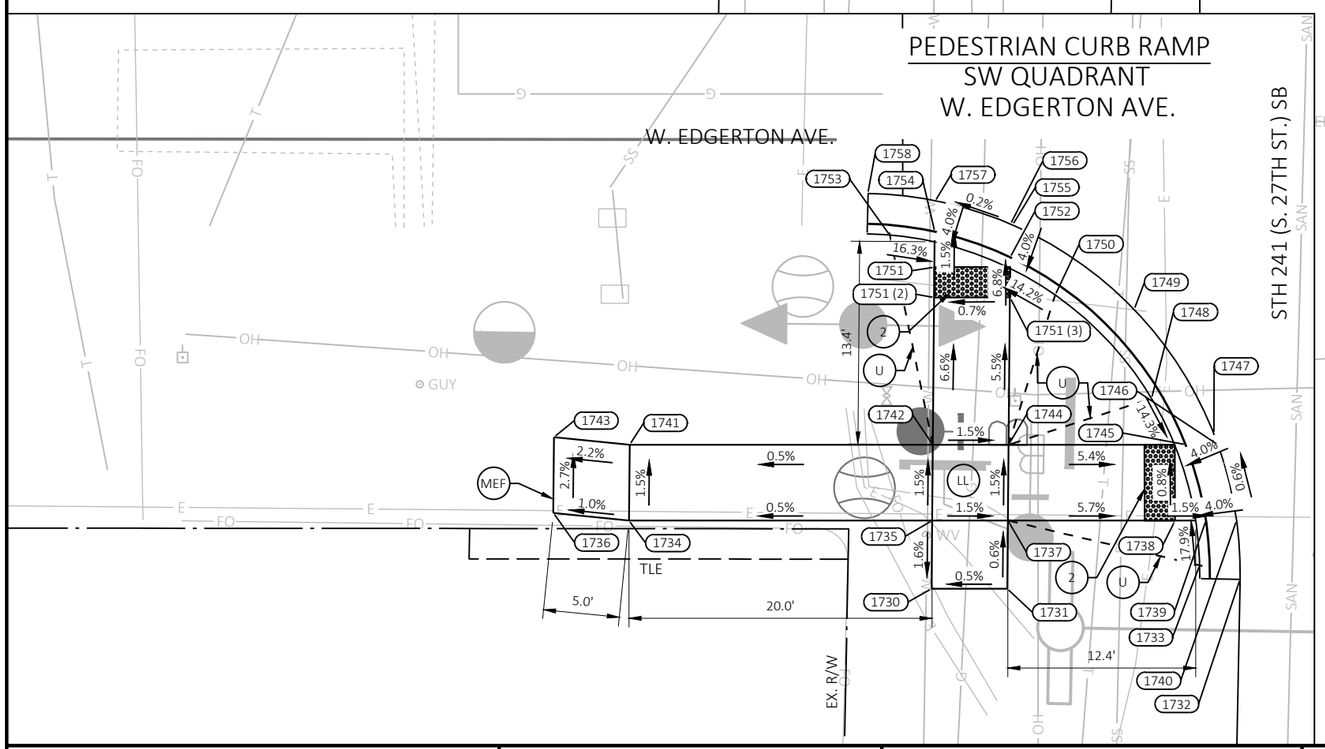
MEDIAN PEDESTRIAN CURB RAMP
S MEDIAN
W. EDGERTON AVE.



PEDESTRIAN CURB RAMP
SE QUADRANT
W. ABBOTT AVE.



PEDESTRIAN CURB RAMP
SW QUADRANT
W. EDGERTON AVE.



PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	INTERSECTION DETAILS (CURB RAMPS) W. ABBOTT AVE. / W. EDGERTON AVE.	SHEET 101	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\021102_ID_CURB RAMPS_NORTH.DWG
LAYOUT NAME - 021119_id
PLOT DATE : 11/20/2024 2:53 PM
PLOT BY : STRASSER, JEFFREY
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

ABBOTT AVE SW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
1700	1172+04.34	74.59' LT	771.24	267327.14	595340.11
1701	1172+04.35	69.59' LT	771.18	267327.05	595345.11
1702	1172+19.34	74.62' LT	770.56	267342.13	595340.36
1703	1172+19.35	69.62' LT	770.61	267342.05	595345.36
1704	1172+21.49	54.56' LT	770.70	267343.92	595360.46
1705	1172+20.61	57.01' LT	771.09	267343.08	595357.99
1706	1172+24.34	74.62' LT	770.34	267347.13	595340.45
1707	1172+24.35	69.62' LT	770.41	267347.05	595345.45
1708	1172+24.53	60.90' LT	770.37	267347.07	595354.18
1709	1172+24.59	57.61' LT	770.47	267347.07	595357.46
1710	1172+25.34	55.75' LT	770.59	267347.79	595359.34
1711	1172+29.16	57.65' LT	770.40	267351.65	595357.50
1712	1172+29.34	74.63' LT	770.26	267352.13	595340.53
1713	1172+29.35	69.63' LT	770.34	267352.05	595345.53
1714	1172+29.54	60.30' LT	770.25	267352.07	595354.87
1715	1172+30.70	58.66' LT	770.31	267353.20	595356.52
1716	1172+32.48	63.57' LT	770.14	267355.07	595351.65
1717	1172+35.00	66.64' LT	770.09	267357.65	595348.62
1718	1172+35.45	62.97' LT	769.99	267358.03	595352.30
1719	1172+36.74	74.65' LT	769.71	267359.54	595340.65
1720	1172+37.40	69.65' LT	769.73	267360.10	595345.66
1721	1172+39.01	77.62' LT	770.12	267361.86	595337.73
1722	1172+39.12	74.65' LT	769.67	267361.91	595340.69
1723	1172+39.18	68.77' LT	769.79	267361.87	595346.58
1724	1172+39.76	69.99' LT	769.77	267362.47	595345.37
1725	1172+41.07	74.21' LT	769.73	267363.86	595341.17
1726	1172+41.63	77.99' LT	769.69	267364.49	595337.40
1727	1172+41.95	82.30' LT	769.63	267364.88	595333.10

EDGERTON SOUTH MEDIAN					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
1795	1178+86.63	3.00' RT	777.77	268007.87	595430.32
1796	1178+86.98	22.00' RT	777.43	268007.87	595449.33
1797	1178+89.13	3.01' RT	777.73	268010.37	595430.38
1798	1178+89.17	5.00' RT	777.77	268010.37	595432.37
1799	1178+89.27	10.82' RT	777.85	268010.37	595438.19
1800	1178+89.44	20.00' RT	777.44	268010.37	595447.37
1801	1178+89.48	22.00' RT	777.40	268010.37	595449.37
1802	1178+94.13	3.01' RT	777.72	268015.37	595430.47
1803	1178+94.17	5.00' RT	777.76	268015.37	595432.46
1804	1178+94.27	10.73' RT	777.84	268015.37	595438.19
1805	1178+94.44	20.00' RT	777.38	268015.37	595447.47
1806	1178+94.48	22.00' RT	777.34	268015.37	595449.47
1807	1178+98.13	3.66' RT	777.69	268019.37	595431.20
1808	1178+98.46	21.20' RT	777.34	268019.37	595448.74

EDGERTON AVE SW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
1730	1178+83.20	74.35' LT	777.50	268005.87	595352.92
1731	1178+83.29	69.35' LT	777.53	268005.87	595357.92
1732	1178+84.18	54.00' LT	776.96	268006.49	595373.29
1733	1178+85.07	56.68' LT	777.38	268007.42	595370.62
1734	1178+87.33	94.39' LT	777.47	268010.37	595332.96
1735	1178+87.70	74.39' LT	777.57	268010.37	595352.96
1736	1178+87.73	99.39' LT	777.42	268010.87	595327.97
1737	1178+87.79	69.39' LT	777.50	268010.37	595357.97
1738	1178+87.99	58.36' LT	776.87	268010.37	595368.99
1739	1178+88.03	56.32' LT	776.84	268010.37	595371.03
1740	1178+88.07	54.30' LT	776.93	268010.38	595373.05
1741	1178+92.33	94.43' LT	777.40	268015.37	595333.01
1742	1178+92.70	74.44' LT	777.50	268015.37	595353.01
1743	1178+92.73	99.44' LT	777.29	268015.87	595328.01
1744	1178+92.79	69.44' LT	777.42	268015.37	595358.01
1745	1178+93.00	57.76' LT	776.82	268015.37	595369.69
1746	1178+93.04	55.62' LT	776.89	268015.37	595371.83
1747	1178+93.75	55.90' LT	776.89	268016.09	595371.56
1748	1178+96.01	60.06' LT	777.32	268018.43	595367.45
1749	1179+01.86	61.32' LT	776.84	268024.30	595366.29
1750	1179+02.72	66.54' LT	777.26	268025.25	595361.09
1751	1179+04.41	74.55' LT	776.73	268027.09	595353.12
1751 (2)	1179+02.41	74.50' LT	776.86	268025.09	595353.12
1751 (3)	1179+02.47	69.50' LT	776.89	268025.06	595358.12
1752	1179+05.16	69.56' LT	776.71	268027.74	595358.12
1753	1179+06.47	77.53' LT	777.19	268029.20	595350.17
1754	1179+06.75	74.57' LT	776.69	268029.43	595353.14
1755	1179+07.29	69.43' LT	776.77	268029.87	595358.28
1756	1179+07.34	69.57' LT	776.77	268029.93	595358.15
1757	1179+08.75	74.59' LT	776.77	268031.43	595353.16
1758	1179+09.18	79.04' LT	776.76	268031.95	595348.72

ABBOTT SE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
1760	1172+20.53	53.78' RT	770.57	267340.95	595468.76
1761	1172+22.00	75.29' RT	771.41	267342.02	595490.29
1762	1172+22.00	70.29' RT	771.28	267342.12	595485.29
1763	1172+24.00	56.35' RT	771.04	267344.37	595471.40
1764	1172+27.00	75.29' RT	771.22	267347.02	595490.38
1765	1172+27.00	70.29' RT	771.15	267347.11	595485.38
1766	1172+27.01	55.85' RT	770.59	267347.39	595470.95
1767	1172+27.03	53.85' RT	770.67	267347.45	595468.95
1768	1172+31.39	53.91' RT	770.74	267351.80	595469.09
1769	1172+32.00	75.29' RT	771.30	267352.02	595490.48
1770	1172+32.00	70.29' RT	771.22	267352.11	595485.48
1771	1172+32.02	55.92' RT	770.66	267352.40	595471.11
1772	1172+32.10	53.92' RT	770.74	267352.52	595469.12
1773	1172+35.00	56.73' RT	771.17	267355.36	595471.97
1774	1172+37.00	75.29' RT	771.42	267357.02	595490.57
1775	1172+37.00	70.29' RT	771.34	267357.11	595485.57
1776	1172+41.18	55.95' RT	770.89	267361.56	595471.31
1777	1172+42.72	80.29' RT	771.70	267362.65	595495.67
1778	1172+42.72	75.29' RT	771.55	267362.74	595490.68
1779	1172+42.72	70.29' RT	771.48	267362.83	595485.68
1780	1172+47.72	80.29' RT	771.60	267367.65	595495.77
1781	1172+47.72	75.29' RT	771.48	267367.74	595490.77
1782	1172+47.72	70.29' RT	771.40	267367.83	595485.77
1783	1172+49.48	61.53' RT	771.13	267369.75	595477.04
1784	1172+50.91	67.29' RT	771.63	267371.07	595482.83
1785	1172+52.51	75.29' RT	771.21	267372.53	595490.86
1786	1172+53.07	70.29' RT	771.11	267373.18	595485.86
1787	1172+54.52	78.29' RT	771.71	267374.48	595493.89
1788	1172+54.63	75.29' RT	771.18	267374.65	595490.90
1789	1172+54.88	69.45' RT	771.19	267375.01	595485.06
1790	1172+55.05	69.83' RT	771.20	267375.17	595485.45
1791	1172+56.59	74.91' RT	771.26	267376.62	595490.55
1792	1172+57.08	79.63' RT	771.34	267377.01	595495.28
1793	1172+57.09	81.14' RT	771.36	267377.00	595496.79

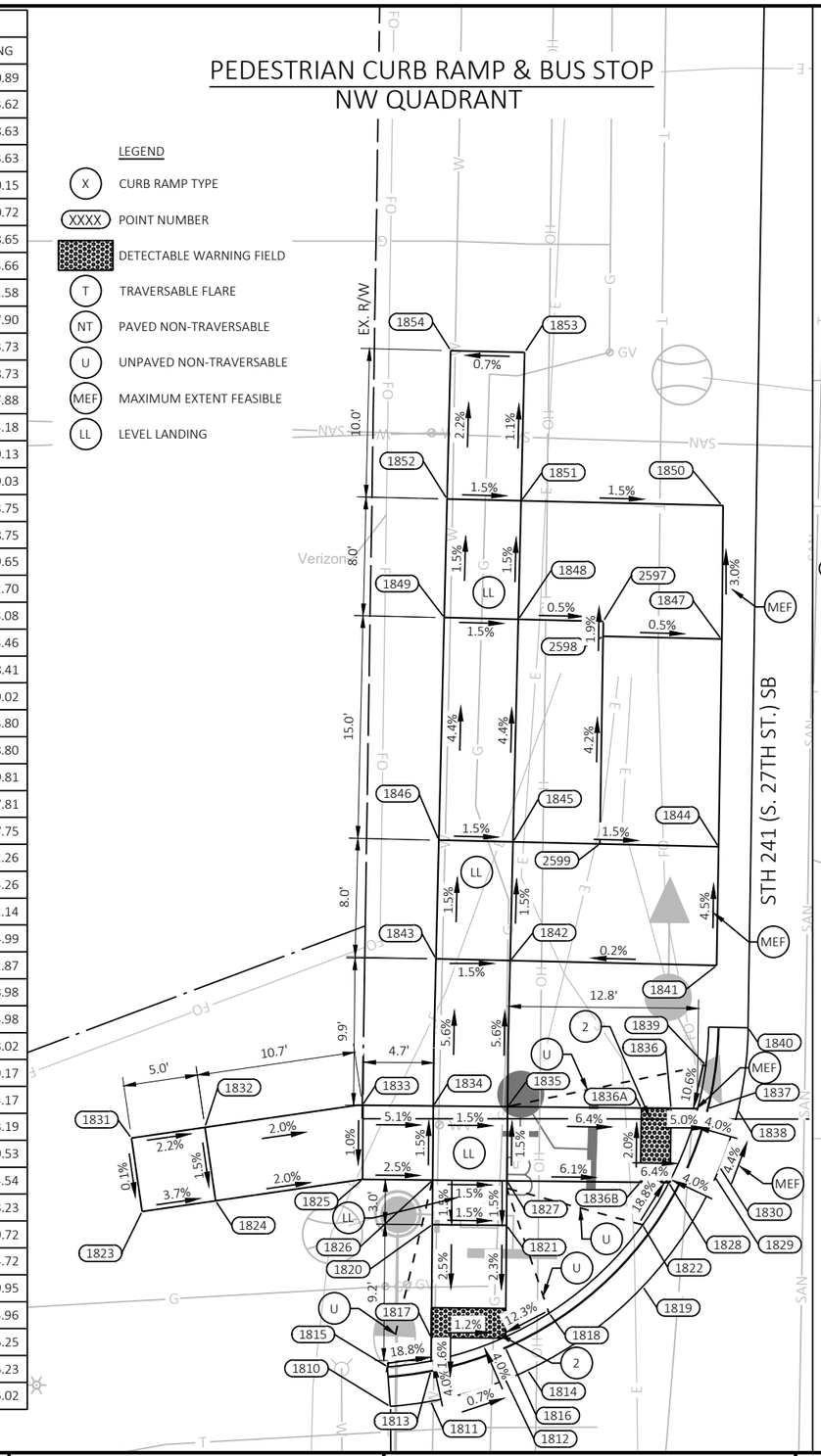
2

EDGERTON AVE NW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
1810	1179+57.92	77.70' LT	775.94	268080.44	595350.89
1811	1179+58.33	74.98' LT	775.89	268080.80	595353.62
1812	1179+59.91	69.99' LT	775.84	268082.31	595358.63
1813	1179+60.35	74.99' LT	775.79	268082.82	595353.63
1814	1179+60.51	68.48' LT	775.83	268082.88	595360.15
1815	1179+60.58	77.91' LT	776.36	268083.10	595350.72
1816	1179+62.00	70.00' LT	775.76	268084.40	595358.65
1817	1179+62.61	75.00' LT	775.83	268085.08	595353.66
1818	1179+64.37	67.11' LT	776.20	268086.72	595361.58
1819	1179+66.27	60.82' LT	775.61	268088.52	595367.90
1820	1179+70.21	75.05' LT	776.02	268092.69	595353.73
1821	1179+70.25	70.05' LT	775.94	268092.64	595358.73
1822	1179+70.42	60.90' LT	775.95	268092.67	595367.88
1823	1179+70.79	94.61' LT	776.56	268093.58	595334.18
1824	1179+71.59	89.67' LT	776.38	268094.30	595339.13
1825	1179+73.18	79.80' LT	776.18	268095.73	595349.03
1826	1179+73.21	75.07' LT	776.06	268095.69	595353.75
1827	1179+73.25	70.07' LT	775.99	268095.64	595358.75
1828	1179+73.29	59.18' LT	775.32	268095.52	595369.65
1829	1179+73.81	56.13' LT	775.36	268095.99	595372.70
1830	1179+74.40	55.76' LT	775.33	268096.57	595373.08
1831	1179+75.73	95.41' LT	776.57	268098.53	595333.46
1832	1179+76.53	90.47' LT	776.46	268099.24	595338.41
1833	1179+78.18	79.89' LT	776.23	268100.73	595349.02
1834	1179+78.21	75.11' LT	775.99	268100.69	595353.80
1835	1179+78.25	70.10' LT	775.91	268100.64	595358.80
1836	1179+78.29	59.10' LT	775.21	268100.51	595369.81
1836A	1179+78.29	61.10' LT	775.34	268100.54	595367.81
1836B	1179+73.29	61.08' LT	775.44	268095.54	595367.75
1837	1179+78.30	56.64' LT	775.09	268100.49	595372.26
1838	1179+78.31	54.64' LT	775.15	268100.46	595374.26
1839	1179+81.24	56.81' LT	775.46	268103.42	595372.14
1840	1179+83.82	54.00' LT	774.95	268105.96	595374.99
1841	1179+87.97	56.18' LT	775.39	268110.14	595372.87
1842	1179+88.08	70.08' LT	775.36	268110.47	595358.98
1843	1179+88.12	75.08' LT	775.44	268110.59	595353.98
1844	1179+95.97	56.17' LT	775.03	268118.14	595373.02
1845	1179+96.08	70.02' LT	775.24	268118.47	595359.17
1846	1179+96.12	75.02' LT	775.32	268118.59	595354.17
1847	1180+09.97	56.21' LT	774.53	268132.14	595373.19
1848	1180+11.08	69.90' LT	774.58	268133.47	595359.53
1849	1180+11.12	74.88' LT	774.66	268133.59	595354.54
1850	1180+18.97	56.32' LT	774.26	268141.14	595373.23
1851	1180+19.08	69.83' LT	774.46	268141.47	595359.72
1852	1180+19.12	74.83' LT	774.54	268141.59	595354.72
1853	1180+29.08	69.75' LT	774.36	268151.46	595359.95
1854	1180+29.12	74.75' LT	774.32	268151.58	595354.96
2597	1180+11.03	64.18' LT	774.55	268133.33	595365.25
2598	1180+10.03	64.18' LT	774.57	268132.33	595365.23
2599	1179+96.03	64.17' LT	775.15	268118.33	595365.02

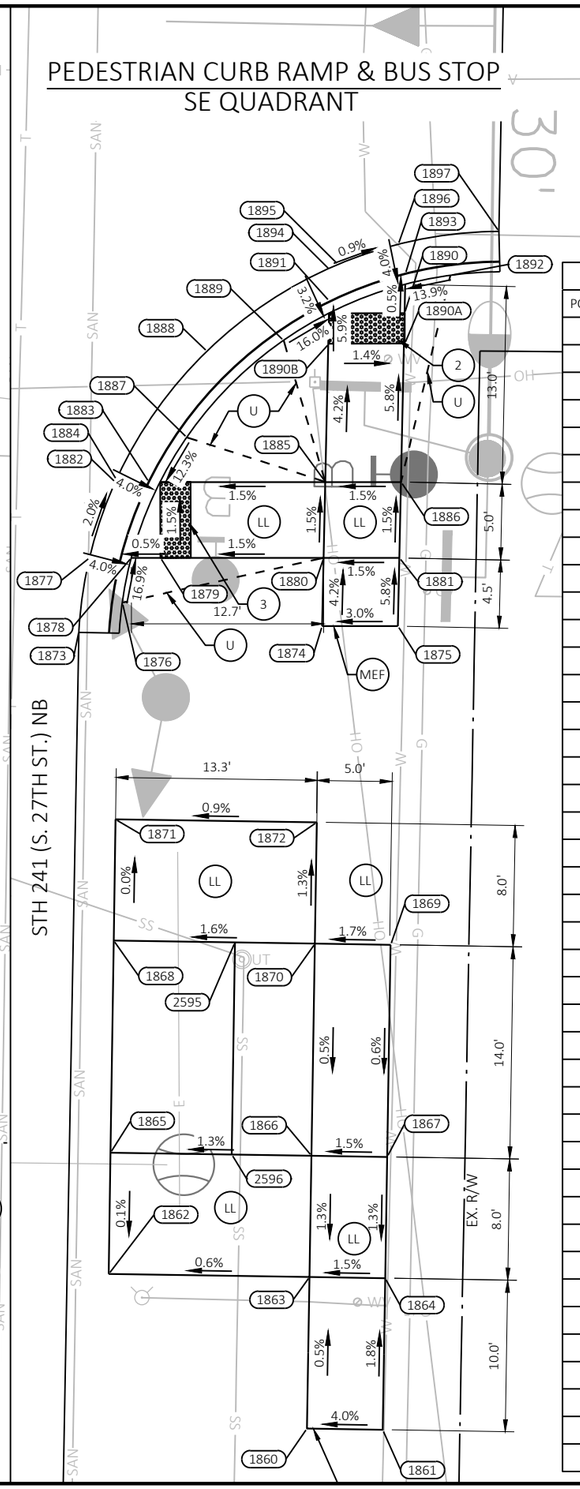
PEDESTRIAN CURB RAMP & BUS STOP
NW QUADRANT

LEGEND

- X — CURB RAMP TYPE
- XXXX — POINT NUMBER
- DETECTABLE WARNING FIELD
- T — TRAVERSABLE FLARE
- NT — PAVED NON-TRAVERSABLE
- U — UNPAVED NON-TRAVERSABLE
- MEF — MAXIMUM EXTENT FEASIBLE
- LL — LEVEL LANDING



PEDESTRIAN CURB RAMP & BUS STOP
SE QUADRANT

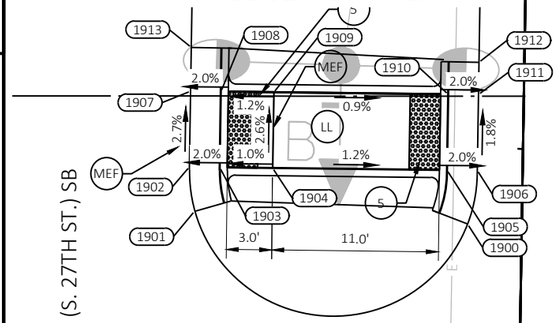


EDGERTON AVE SE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
1860	1178+32.92	70.02' RT	777.23	267952.94	595496.33
1861	1178+32.93	75.02' RT	777.44	267952.85	595501.33
1862	1178+42.87	56.75' RT	777.11	267963.13	595483.25
1863	1178+42.92	70.00' RT	777.18	267962.93	595496.50
1864	1178+42.93	75.00' RT	777.26	267962.85	595501.50
1865	1178+50.87	56.72' RT	777.12	267971.13	595483.37
1866	1178+50.92	69.98' RT	777.29	267970.93	595496.63
1867	1178+50.93	74.98' RT	777.36	267970.85	595501.63
1868	1178+64.87	56.67' RT	777.14	267985.13	595483.58
1869	1178+64.93	74.95' RT	777.44	267984.85	595501.86
1870	1178+64.92	69.96' RT	777.36	267984.93	595496.87
1871	1178+72.87	56.64' RT	777.14	267993.13	595483.70
1872	1178+72.92	69.93' RT	777.25	267992.93	595496.99
1873	1178+85.25	54.00' RT	776.81	268005.55	595481.29
1874	1178+85.87	70.04' RT	777.08	268005.87	595497.34
1875	1178+85.96	75.04' RT	777.23	268005.87	595502.34
1876	1178+87.16	56.83' RT	777.23	268007.41	595484.15
1877	1178+90.09	54.62' RT	776.80	268010.37	595482.00
1878	1178+90.14	57.37' RT	776.72	268010.37	595484.74
1879	1178+90.17	59.29' RT	776.73	268010.37	595486.67
1880	1178+90.37	70.05' RT	776.89	268010.37	595497.43
1881	1178+90.46	75.05' RT	776.97	268010.37	595502.43
1882	1178+95.12	56.22' RT	776.70	268015.37	595483.69
1883	1178+95.16	58.43' RT	776.62	268015.37	595485.90
1884	1178+95.27	56.29' RT	776.70	268015.53	595483.76
1885	1178+95.39	70.07' RT	776.81	268015.39	595497.54
1886	1178+95.46	75.07' RT	776.89	268015.37	595502.54
1887	1178+98.15	60.88' RT	777.07	268018.32	595488.40
1888	1179+03.86	62.11' RT	776.56	268024.00	595489.74
1889	1179+04.67	67.15' RT	776.87	268024.72	595494.79
1890	1179+06.60	75.10' RT	776.24	268026.51	595502.78
1890A	1179+04.60	75.14' RT	776.36	268024.51	595502.78
1890B	1179+04.50	70.14' RT	776.43	268024.50	595497.78
1891	1179+07.33	70.10' RT	776.28	268027.33	595497.79
1892	1179+09.16	78.07' RT	776.65	268029.01	595505.79
1893	1179+09.20	75.11' RT	776.23	268029.11	595502.83
1894	1179+09.38	70.11' RT	776.35	268029.38	595497.84
1895	1179+09.73	70.65' RT	776.32	268029.72	595498.39
1896	1179+11.13	74.59' RT	776.31	268031.05	595502.35
1897	1179+12.12	81.22' RT	776.23	268031.91	595509.00
2595	1178+64.90	64.67' RT	777.27	267985.01	595491.58
2596	1178+50.90	64.72' RT	777.22	267971.01	595491.37

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	INTERSECTION DETAILS (CURB RAMPS) W. EDGERTON AVE.	SHEET 103	E

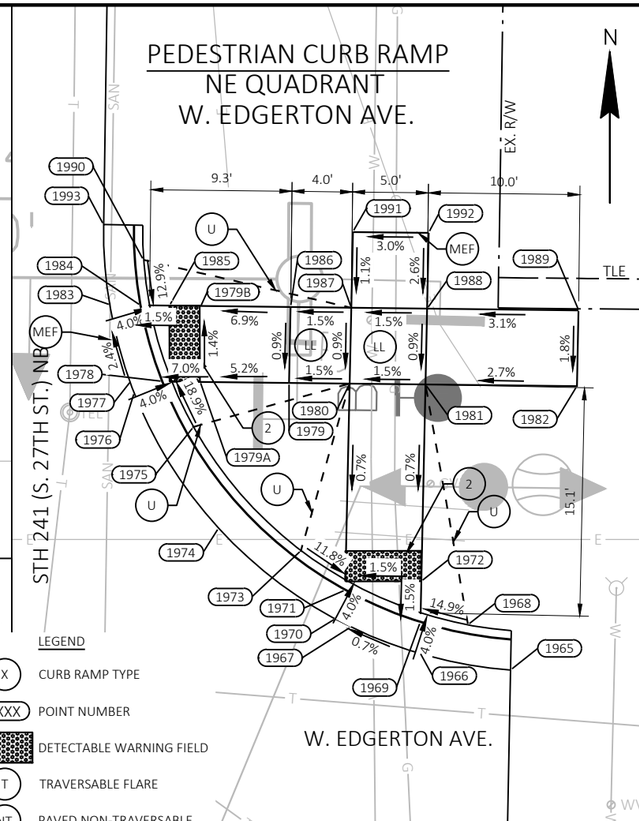
FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\021102_ID_CURB RAMPS_NORTH.DWG
LAYOUT NAME - 021120_id
PLOT DATE : 11/20/2024 2:54 PM PLOT BY : STRASSER, JEFFREY PLOT NAME : PLOT SCALE : ##########

MEDIAN PEDESTRIAN CURB RAMP
N MEDIAN CROSSING
W. EDGERTON AVE.



EDGERTON AVE NORTH MEDIAN					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
1900	1179+69.98	3.58' LT	776.03	268091.33	595425.19
1901	1179+70.54	21.60' LT	776.06	268092.17	595407.17
1902	1179+73.45	22.00' LT	776.00	268095.09	595406.83
1903	1179+73.46	20.00' LT	776.04	268095.07	595408.82
1904	1179+73.48	16.50' LT	776.07	268095.03	595412.32
1905	1179+73.53	5.00' LT	775.93	268094.89	595423.82
1906	1179+73.54	3.00' LT	775.89	268094.87	595425.82
1907	1179+78.45	22.00' LT	775.86	268100.09	595406.90
1908	1179+78.46	20.00' LT	775.90	268100.07	595408.90
1909	1179+78.47	16.50' LT	775.94	268100.02	595412.40
1910	1179+78.53	5.00' LT	775.84	268099.89	595423.90
1911	1179+78.54	3.00' LT	775.80	268099.87	595425.90
1912	1179+80.66	3.00' LT	775.76	268102.00	595425.94
1913	1179+81.34	22.00' LT	775.78	268102.98	595406.95

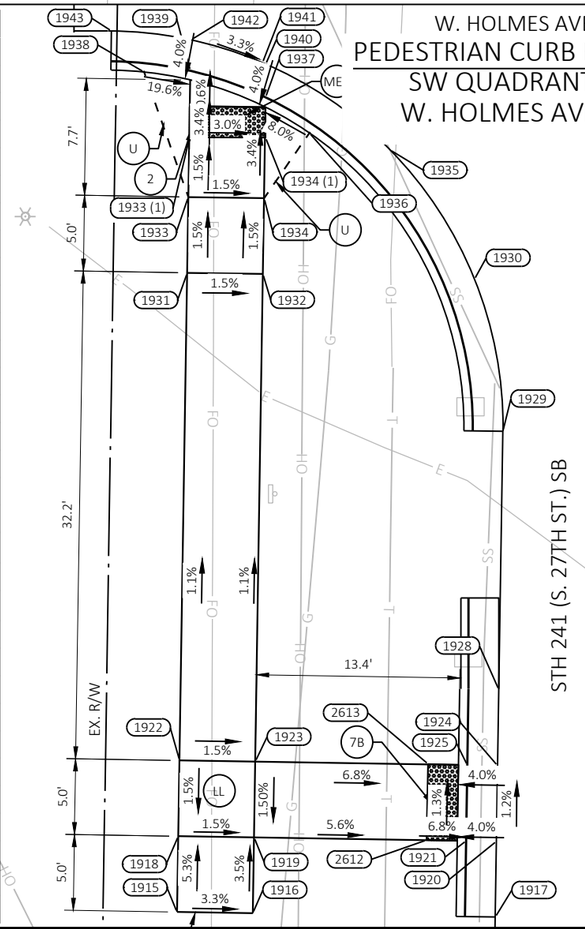
PEDESTRIAN CURB RAMP
NE QUADRANT
W. EDGERTON AVE.



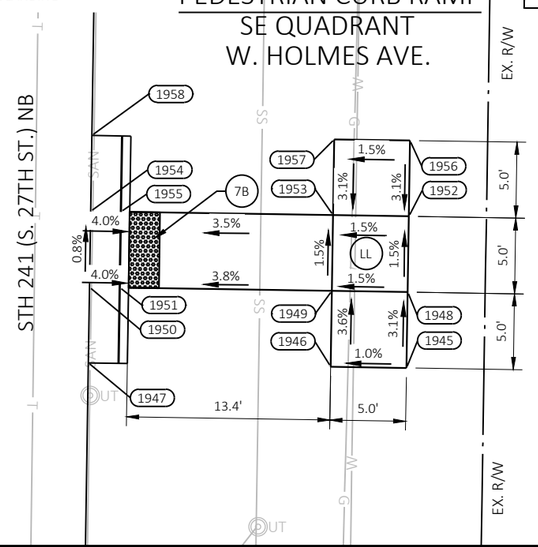
EDGERTON AVE NE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
1965	1179+55.13	81.31' RT	775.50	268075.14	595509.84
1966	1179+56.20	75.30' RT	775.49	268076.30	595503.84
1967	1179+57.80	70.74' RT	775.46	268077.97	595499.31
1968	1179+58.06	78.45' RT	775.90	268078.11	595507.02
1969	1179+58.20	75.31' RT	775.41	268078.30	595503.88
1970	1179+58.34	69.71' RT	775.45	268078.53	595498.29
1971	1179+60.23	70.33' RT	775.37	268080.41	595498.94
1972	1179+60.89	75.32' RT	775.43	268080.99	595503.94
1973	1179+62.79	67.36' RT	775.79	268083.02	595496.00
1974	1179+64.18	61.91' RT	775.29	268084.49	595490.57
1975	1179+70.83	60.15' RT	775.60	268091.17	595488.92
1976	1179+73.04	56.20' RT	775.08	268093.44	595485.01
1977	1179+73.79	55.97' RT	775.06	268094.19	595484.79
1978	1179+73.80	58.03' RT	775.00	268094.17	595486.85
1979	1179+73.83	66.40' RT	775.41	268094.07	595495.22
1979A	1179+73.84	60.52' RT	775.11	268094.17	595489.34
1979B	1179+78.74	60.47' RT	775.04	268099.07	595489.37
1980	1179+73.85	70.40' RT	775.47	268094.03	595499.22
1981	1179+73.87	75.40' RT	775.54	268093.97	595504.22
1982	1179+73.92	85.40' RT	775.81	268093.86	595514.22
1983	1179+78.78	54.53' RT	774.93	268099.21	595483.43
1984	1179+78.79	56.52' RT	774.87	268099.19	595485.42
1985	1179+78.80	58.42' RT	774.90	268099.17	595487.32
1986	1179+78.83	66.42' RT	775.48	268099.07	595495.32
1987	1179+78.85	70.42' RT	775.54	268099.03	595499.32
1988	1179+78.87	75.42' RT	775.62	268098.97	595504.32
1989	1179+78.92	85.42' RT	775.90	268098.86	595514.32
1990	1179+81.79	56.67' RT	775.27	268102.19	595485.62
1991	1179+83.85	70.45' RT	775.57	268104.03	595499.43
1992	1179+83.87	75.45' RT	775.71	268103.97	595504.43
1993	1179+84.08	54.00' RT	774.78	268104.51	595482.98

HOLMES SW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
1915	1186+07.32	75.00' LT	755.95	268729.72	595363.84
1916	1186+07.32	70.00' LT	755.78	268729.64	595368.84
1917	1186+07.32	54.00' LT	755.00	268729.38	595384.84
1918	1186+12.32	75.00' LT	755.68	268734.72	595363.92
1919	1186+12.32	70.00' LT	755.61	268734.64	595368.92
1920	1186+12.32	54.00' LT	754.93	268734.38	595384.92
1921	1186+12.32	56.00' LT	754.85	268734.41	595382.92
1922	1186+17.32	75.00' LT	755.76	268739.71	595364.00
1923	1186+17.32	70.00' LT	755.68	268739.64	595369.00
1924	1186+17.32	54.00' LT	754.87	268739.38	595385.00
1925	1186+17.32	56.00' LT	754.79	268739.41	595383.00
1928	1186+22.32	54.00' LT	754.83	268744.38	595385.07
1929	1186+39.37	54.00' LT	754.70	268761.43	595385.34
1930	1186+49.37	56.04' LT	754.65	268771.46	595383.46
1931	1186+49.50	75.00' LT	755.40	268771.89	595364.51
1932	1186+49.50	70.00' LT	755.33	268771.81	595369.51
1933	1186+54.50	75.00' LT	755.33	268776.89	595364.59
1933 (1)	1186+58.45	74.98' LT	755.27	268780.83	595364.67
1934	1186+54.50	70.00' LT	755.25	268776.81	595369.58
1934 (1)	1186+58.50	69.98' LT	755.12	268780.81	595369.67
1935	1186+57.81	61.74' LT	754.81	268779.99	595377.89
1936	1186+58.85	67.08' LT	755.34	268781.11	595372.57
1937	1186+61.15	70.01' LT	755.01	268783.46	595369.68
1938	1186+62.69	78.04' LT	755.80	268785.13	595361.67
1939	1186+62.82	75.00' LT	755.19	268785.21	595364.72
1940	1186+63.33	70.03' LT	755.10	268785.64	595369.69
1941	1186+63.43	70.25' LT	755.10	268785.74	595369.48
1942	1186+64.86	75.00' LT	755.29	268787.25	595364.75
1943	1186+65.37	80.25' LT	755.45	268787.84	595359.51
2612	1186+12.34	58.62' LT	754.97	268734.47	595380.30
2613	1186+17.34	58.58' LT	754.90	268739.47	595380.41

W. HOLMES AVE.
PEDESTRIAN CURB RAMP
SW QUADRANT
W. HOLMES AVE.



PEDESTRIAN CURB RAMP
SE QUADRANT
W. HOLMES AVE.



HOLMES SE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
1945	1186+07.32	75.00' RT	755.45	268727.35	595513.82
1946	1186+07.32	70.00' RT	755.40	268727.43	595508.82
1947	1186+07.32	54.00' RT	754.82	268727.68	595492.82
1948	1186+12.32	75.00' RT	755.30	268732.35	595513.90
1949	1186+12.32	70.00' RT	755.22	268732.43	595508.90
1950	1186+12.32	54.01' RT	754.78	268732.67	595492.92
1951	1186+12.32	56.00' RT	754.70	268732.64	595494.90
1952	1186+17.32	75.00' RT	755.22	268737.35	595513.98
1953	1186+17.32	70.00' RT	755.15	268737.42	595508.98
1954	1186+17.32	54.00' RT	754.74	268737.68	595492.98
1955	1186+17.32	56.00' RT	754.66	268737.64	595494.98
1956	1186+22.32	75.00' RT	755.38	268742.35	595514.06
1957	1186+22.32	70.00' RT	755.30	268742.42	595509.06
1958	1186+22.32	54.00' RT	754.70	268742.68	595493.06

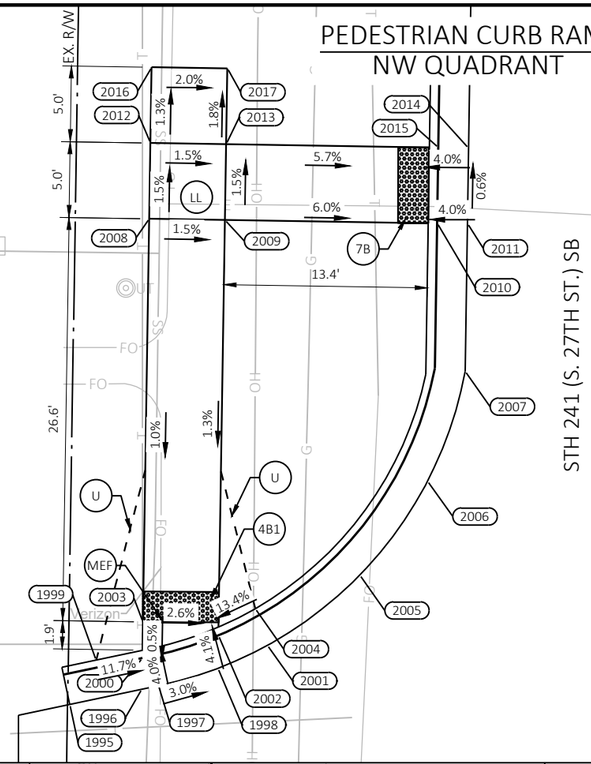
LEGEND

- (X) CURB RAMP TYPE
- (XXXX) POINT NUMBER
- DETECTABLE WARNING FIELD
- (T) TRAVERSABLE FLARE
- (NT) PAVED NON-TRAVERSABLE
- (U) UNPAVED NON-TRAVERSABLE
- (MEF) MAXIMUM EXTENT FEASIBLE
- (LL) LEVEL LANDING

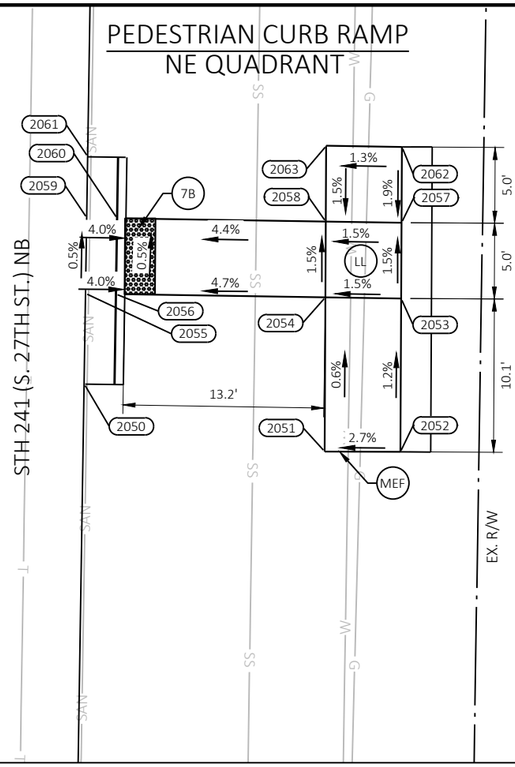
PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	INTERSECTION DETAILS (CURB RAMPS) W. HOLMES AVE.	SHEET 104	E

HOLMES NW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
1995	1186+90.62	79.74' LT	754.76	268813.08	595360.42
1996	1186+91.69	75.00' LT	754.65	268814.08	595365.17
1997	1186+91.94	73.89' LT	754.61	268814.31	595366.28
1998	1186+93.15	70.00' LT	754.49	268815.46	595370.20
1999	1186+93.57	78.04' LT	755.12	268816.00	595362.16
2000	1186+93.74	75.00' LT	754.55	268816.13	595365.21
2001	1186+94.71	66.76' LT	754.42	268816.97	595373.46
2002	1186+95.32	70.00' LT	754.40	268817.63	595370.23
2003	1186+96.13	75.00' LT	754.57	268818.52	595365.24
2004	1186+97.12	67.59' LT	754.83	268819.39	595372.67
2005	1186+99.44	60.74' LT	754.26	268821.60	595379.55
2006	1187+05.72	56.36' LT	754.13	268827.81	595384.03
2007	1187+13.00	54.00' LT	754.08	268835.05	595386.51
2008	1187+22.73	75.00' LT	754.85	268845.11	595365.66
2009	1187+22.73	70.00' LT	754.77	268845.03	595370.66
2010	1187+22.73	56.00' LT	753.93	268844.81	595384.66
2011	1187+22.75	54.00' LT	754.01	268844.80	595386.66
2012	1187+27.73	75.00' LT	754.77	268850.11	595365.74
2013	1187+27.73	70.00' LT	754.70	268850.03	595370.74
2014	1187+27.73	54.00' LT	753.98	268849.78	595386.74
2015	1187+27.73	56.00' LT	753.90	268849.81	595384.74
2016	1187+32.73	75.00' LT	754.70	268855.11	595365.82
2017	1187+32.73	70.00' LT	754.61	268855.03	595370.82

PEDESTRIAN CURB RAMP NW QUADRANT



PEDESTRIAN CURB RAMP NE QUADRANT



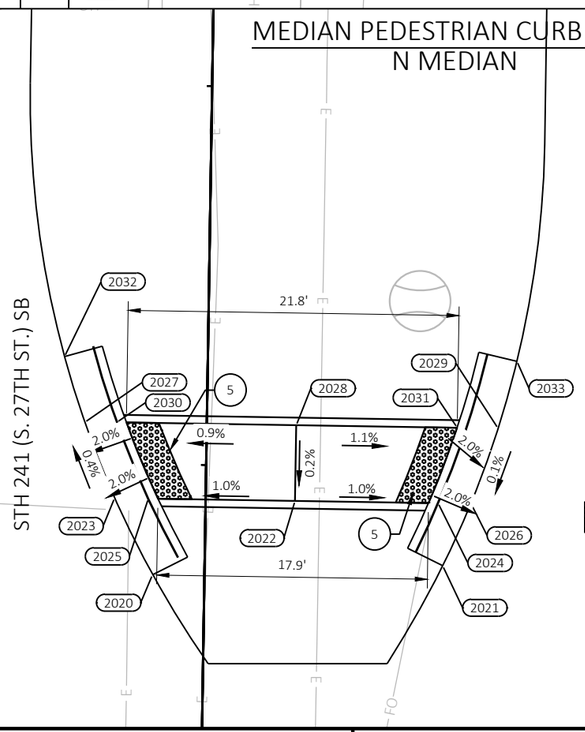
HOLMES NE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
2050	1187+16.76	54.00' RT	754.01	268837.10	595494.55
2051	1187+12.56	69.94' RT	754.61	268832.65	595510.42
2052	1187+12.61	74.94' RT	754.75	268832.62	595515.42
2053	1187+22.73	74.83' RT	754.63	268842.74	595515.47
2054	1187+22.73	69.83' RT	754.55	268842.82	595510.47
2055	1187+22.73	54.00' RT	753.98	268843.07	595494.65
2056	1187+22.73	56.00' RT	753.90	268843.04	595496.65
2057	1187+27.73	74.78' RT	754.55	268847.74	595515.50
2058	1187+27.73	69.78' RT	754.48	268847.82	595510.50
2059	1187+27.73	54.00' RT	753.96	268848.07	595494.73
2060	1187+27.73	56.00' RT	753.88	268848.04	595496.73
2061	1187+31.76	54.00' RT	753.94	268852.10	595494.79
2062	1187+32.73	74.72' RT	754.62	268852.74	595515.52
2063	1187+32.73	69.73' RT	754.55	268852.82	595510.54

N

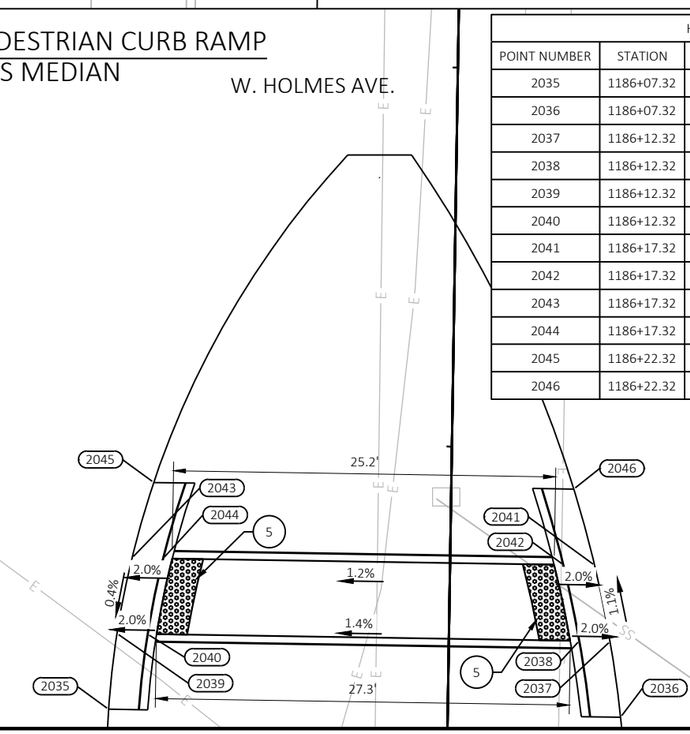
2

HOLMES N MEDIAN					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
2020	1187+17.71	3.44' LT	754.68	268838.96	595437.14
2021	1187+18.62	15.71' RT	754.66	268839.56	595456.30
2022	1187+22.73	5.89' RT	754.80	268843.83	595446.55
2023	1187+22.73	6.00' LT	754.65	268844.02	595434.65
2024	1187+22.73	15.34' RT	754.70	268843.68	595455.99
2025	1187+22.73	3.79' LT	754.70	268843.98	595436.86
2026	1187+22.76	17.51' RT	754.64	268843.68	595458.16
2027	1187+27.70	8.06' LT	754.63	268849.02	595432.68
2028	1187+27.73	5.90' RT	754.81	268848.83	595446.63
2029	1187+27.73	19.23' RT	754.64	268848.62	595459.96
2030	1187+27.73	5.93' LT	754.70	268849.02	595434.80
2031	1187+27.73	16.52' RT	754.69	268848.66	595457.26
2032	1187+32.01	9.46' LT	754.61	268853.36	595431.34
2033	1187+32.16	20.40' RT	754.65	268853.03	595461.20

MEDIAN PEDESTRIAN CURB RAMP N MEDIAN



MEDIAN PEDESTRIAN CURB RAMP S MEDIAN



HOLMES S MEDIAN					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
2035	1186+07.32	22.39' LT	755.49	268728.88	595416.45
2036	1186+07.32	11.41' RT	755.84	268728.35	595450.24
2037	1186+12.32	10.63' RT	755.83	268733.36	595449.54
2038	1186+12.32	8.60' RT	755.87	268733.39	595447.51
2039	1186+12.32	21.91' LT	755.44	268733.88	595417.00
2040	1186+12.32	19.89' LT	755.48	268733.84	595419.02
2041	1186+17.32	9.53' RT	755.77	268738.38	595448.52
2042	1186+17.32	7.47' RT	755.81	268738.41	595446.46
2043	1186+17.32	21.00' LT	755.46	268738.86	595417.99
2044	1186+17.32	18.95' LT	755.50	268738.83	595420.04
2045	1186+22.32	19.64' LT	755.47	268743.84	595419.43
2046	1186+22.32	8.08' RT	755.69	268743.40	595447.15

LEGEND

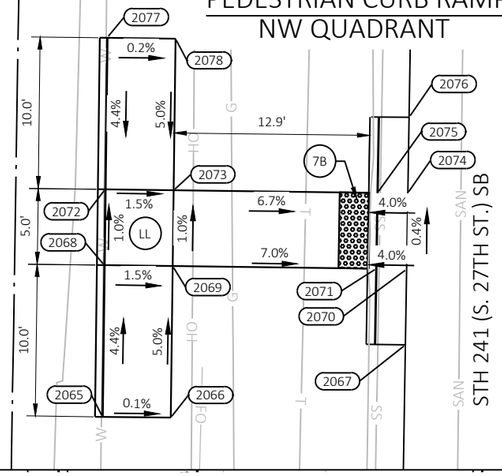
- (X) CURB RAMP TYPE
- (XXXX) POINT NUMBER
- DETECTABLE WARNING FIELD
- (T) TRAVERSABLE FLARE
- (NT) PAVED NON-TRAVERSABLE
- (U) UNPAVED NON-TRAVERSABLE
- (MEF) MAXIMUM EXTENT FEASIBLE
- (LL) LEVEL LANDING

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	INTERSECTION DETAILS (CURB RAMPS) W. HOLMES AVE.	SHEET 105	E

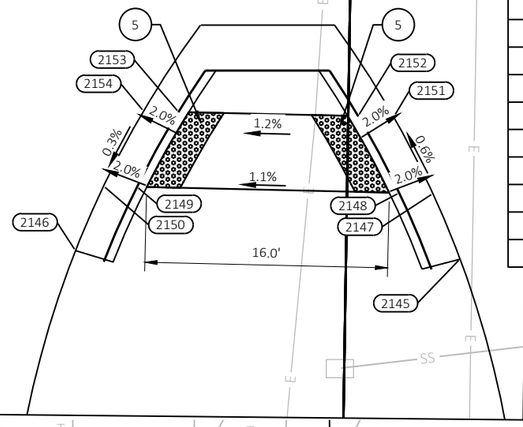
FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\021102_ID_CURB RAMPS_NORTH.DWG
LAYOUT NAME - 021122_id
PLOT DATE : 11/20/2024 2:55 PM PLOT BY : STRASSER, JEFFREY PLOT NAME : PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

CARPENTER AVE NW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
2065	1192+72.47	73.91' LT	752.48	269394.77	595375.43
2066	1192+72.49	69.41' LT	752.47	269394.71	595379.93
2067	1192+77.53	54.00' LT	751.16	269399.51	595395.42
2068	1192+82.47	73.95' LT	752.04	269404.76	595375.55
2069	1192+82.49	69.45' LT	751.97	269404.71	595380.05
2070	1192+82.53	54.00' LT	751.11	269404.51	595395.50
2071	1192+82.53	56.00' LT	751.03	269404.54	595393.50
2072	1192+87.48	73.96' LT	751.99	269409.77	595375.62
2073	1192+87.49	69.46' LT	751.92	269409.71	595380.12
2074	1192+87.52	54.01' LT	751.09	269409.50	595395.57
2075	1192+87.53	56.00' LT	751.01	269409.54	595393.58
2076	1192+92.54	54.00' LT	751.08	269414.51	595395.66
2077	1192+97.47	74.00' LT	752.43	269419.76	595375.74
2078	1192+97.49	69.50' LT	752.42	269419.71	595380.24

PEDESTRIAN CURB RAMP NW QUADRANT



MEDIAN PEDESTRIAN CURB RAMP S MEDIAN



CARPENTER AVE S MEDIAN					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
2145	1192+16.16	7.52' RT	752.52	269337.18	595455.96
2146	1192+16.33	17.85' LT	752.31	269337.75	595430.61
2147	1192+20.46	5.67' RT	752.49	269341.50	595454.18
2148	1192+20.48	3.44' RT	752.53	269341.56	595451.95
2149	1192+20.61	13.87' LT	752.34	269341.96	595434.65
2150	1192+20.62	16.07' LT	752.30	269342.01	595432.45
2151	1192+25.48	3.00' RT	752.46	269346.57	595451.59
2152	1192+25.50	0.66' RT	752.48	269346.62	595449.25
2153	1192+25.59	11.21' LT	752.35	269346.90	595437.39
2154	1192+25.60	13.51' LT	752.31	269346.95	595435.08

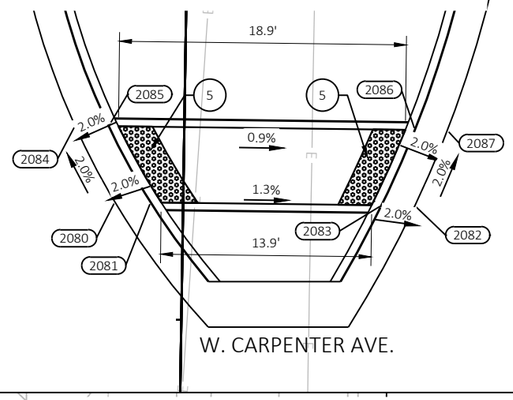
N

STH 241 (S. 27TH ST.) NB

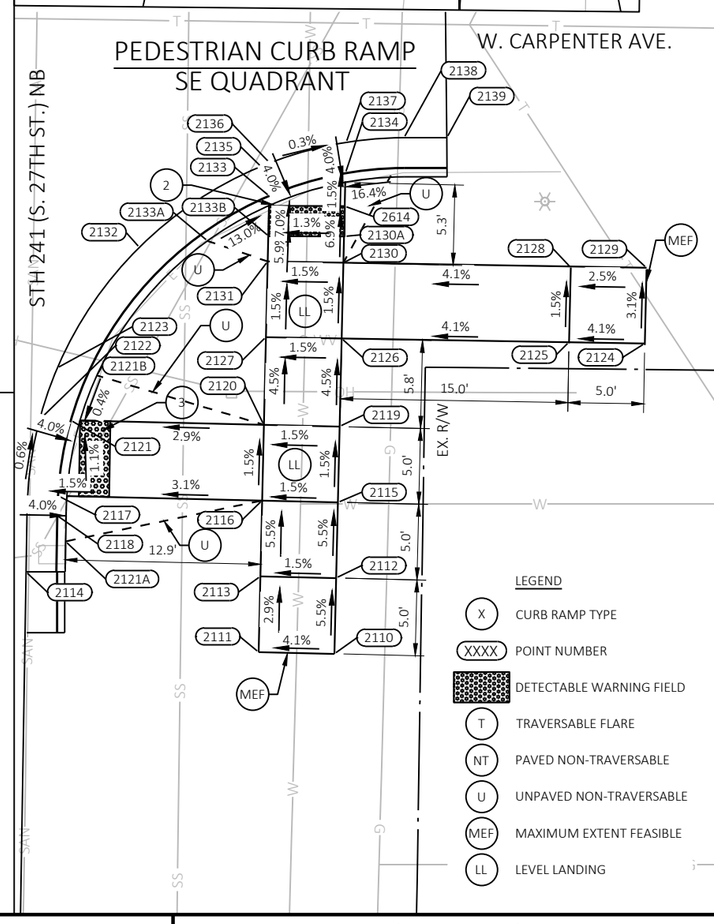
2

CARPENTER AVE N MEDIAN					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
2080	1192+82.70	4.51' LT	752.10	269403.90	595444.99
2081	1192+82.71	2.14' LT	752.15	269403.87	595447.35
2082	1192+82.76	15.30' RT	751.91	269403.65	595464.79
2083	1192+82.76	13.09' RT	751.96	269403.68	595462.59
2084	1192+87.68	7.22' LT	751.98	269408.92	595442.36
2085	1192+87.69	5.00' LT	752.04	269408.89	595444.58
2086	1192+87.76	15.22' RT	751.86	269408.65	595464.79
2087	1192+87.77	17.35' RT	751.80	269408.62	595466.93

MEDIAN PEDESTRIAN CURB RAMP N MEDIAN



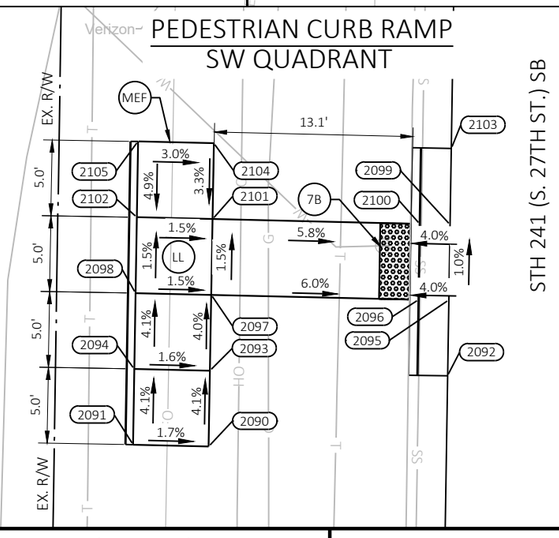
PEDESTRIAN CURB RAMP SE QUADRANT



CARPENTER AVE SE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
2110	1192+09.96	74.43' RT	752.33	269329.91	595522.76
2111	1192+09.99	69.43' RT	752.13	269330.03	595517.77
2112	1192+14.96	74.46' RT	752.06	269334.91	595522.88
2113	1192+14.99	69.46' RT	751.98	269335.03	595517.88
2114	1192+15.04	54.00' RT	751.47	269335.32	595502.42
2115	1192+19.96	74.50' RT	751.78	269339.91	595523.00
2116	1192+19.99	69.50' RT	751.71	269340.03	595518.00
2117	1192+20.09	56.02' RT	751.31	269340.34	595504.52
2118	1192+20.11	54.02' RT	751.40	269340.39	595502.52
2119	1192+24.95	74.54' RT	751.71	269344.91	595523.11
2120	1192+24.99	69.54' RT	751.63	269345.03	595518.11
2121	1192+25.09	56.80' RT	751.28	269345.32	595505.38
2121A	1192+17.09	56.58' RT	751.28	269337.33	595505.04
2121B	1192+28.07	58.47' RT	751.30	269348.28	595507.09
2122	1192+25.10	54.74' RT	751.36	269345.37	595503.32
2123	1192+28.52	55.85' RT	751.34	269348.77	595504.49
2124	1192+30.75	94.58' RT	752.27	269350.39	595543.24
2125	1192+30.75	89.58' RT	752.06	269350.47	595538.24
2126	1192+30.77	74.58' RT	751.45	269350.72	595523.25
2127	1192+30.77	69.58' RT	751.37	269350.81	595518.25
2128	1192+35.69	89.62' RT	751.99	269355.40	595538.36
2129	1192+35.75	94.62' RT	752.11	269355.38	595543.36
2130	1192+35.77	74.62' RT	751.37	269355.72	595523.36
2130A	1192+37.50	74.66' RT	751.26	269357.45	595523.44
2131	1192+35.77	69.62' RT	751.30	269355.80	595518.36
2132	1192+36.57	61.14' RT	751.26	269356.73	595509.90
2133	1192+40.09	69.65' RT	751.10	269360.12	595518.46
2133A	1192+37.07	65.63' RT	751.67	269357.16	595514.39
2133B	1192+37.45	69.66' RT	751.20	269357.48	595518.44
2134	1192+41.68	74.66' RT	751.08	269361.63	595523.50
2135	1192+42.02	69.07' RT	751.18	269362.06	595517.92
2136	1192+42.27	69.66' RT	751.17	269362.30	595518.51
2137	1192+43.70	74.68' RT	751.16	269363.65	595523.55
2138	1192+44.07	78.48' RT	751.15	269363.96	595527.36
2139	1192+44.13	81.31' RT	751.12	269363.98	595530.18
2614	1192+39.50	74.64' RT	751.12	269359.45	595523.45

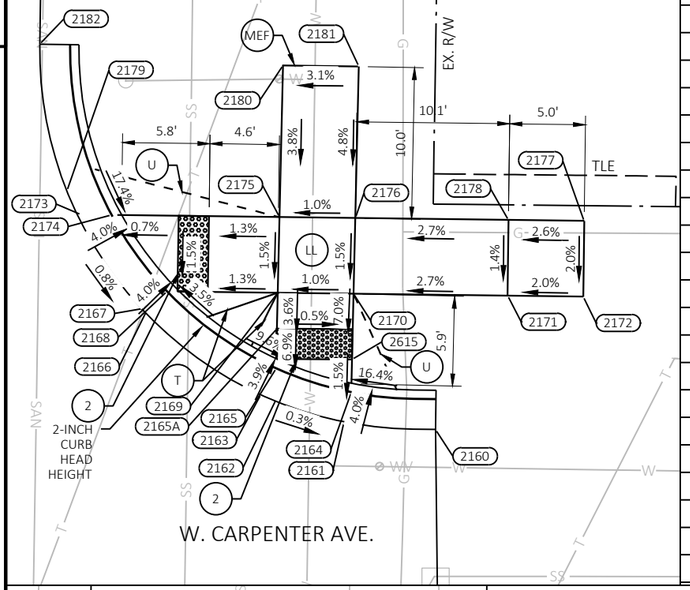
CARPENTER AVE SW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
2090	1192+11.02	69.69' LT	752.71	269333.25	595378.68
2091	1192+11.05	74.69' LT	752.79	269333.37	595373.69
2092	1192+15.92	54.01' LT	751.58	269337.91	595394.44
2093	1192+16.02	69.68' LT	752.51	269338.25	595378.77
2094	1192+16.05	74.68' LT	752.59	269338.37	595373.77
2095	1192+20.92	54.00' LT	751.56	269342.91	595394.53
2096	1192+20.92	56.00' LT	751.48	269342.93	595392.53
2097	1192+21.02	69.68' LT	752.30	269343.25	595378.85
2098	1192+21.05	74.67' LT	752.38	269343.36	595373.86
2099	1192+25.90	54.00' LT	751.52	269347.89	595394.61
2100	1192+25.92	56.00' LT	751.44	269347.93	595392.61
2101	1192+26.02	69.67' LT	752.23	269348.25	595378.94
2102	1192+26.05	74.67' LT	752.30	269348.36	595373.94
2103	1192+30.92	54.00' LT	751.48	269352.90	595394.69
2104	1192+31.02	69.67' LT	752.39	269353.25	595379.02
2105	1192+31.05	74.67' LT	752.55	269353.36	595374.02

PEDESTRIAN CURB RAMP SW QUADRANT



PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	INTERSECTION DETAILS (CURB RAMPS) W. CARPENTER AVE.	SHEET 106	E

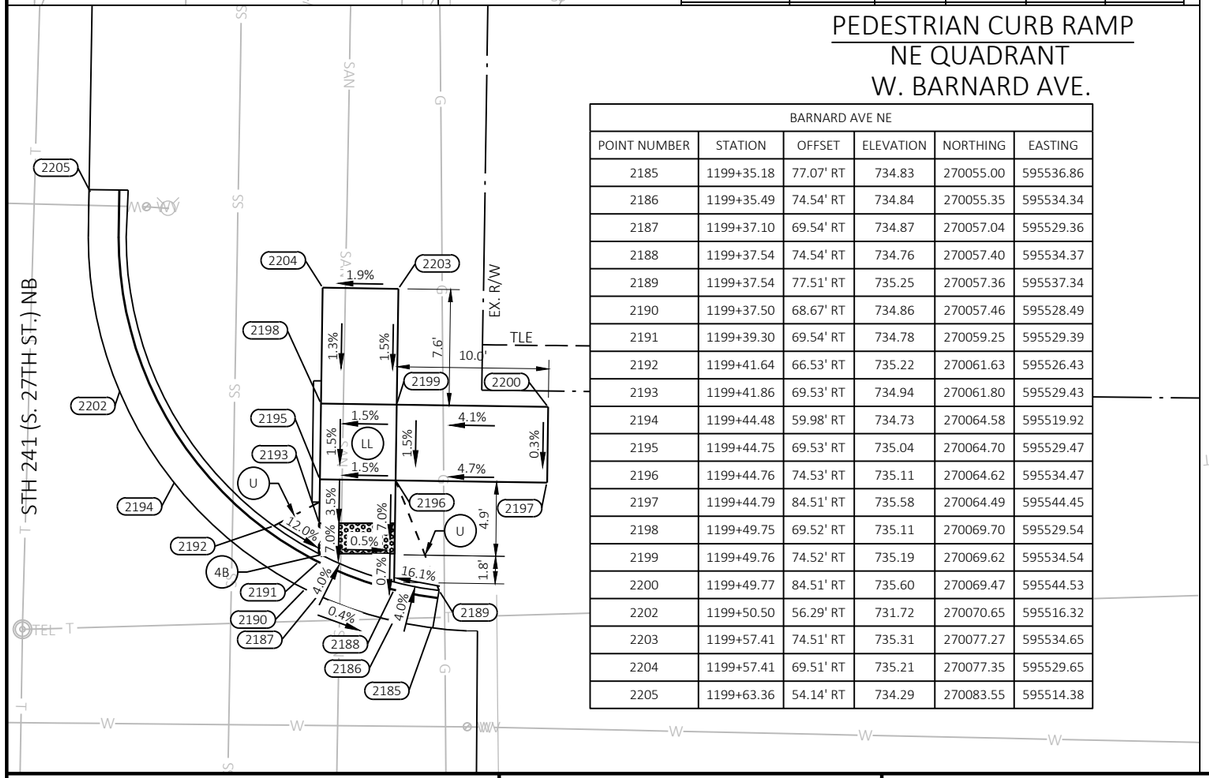
PEDESTRIAN CURB RAMP
NE QUADRANT
W. CARPENTER AVE.



CARPENTER AVE NE

POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
2160	1192+74.10	80.52' RT	750.44	269393.95	595529.87
2161	1192+74.51	74.46' RT	750.47	269394.46	595523.82
2162	1192+75.89	69.96' RT	750.48	269395.91	595519.34
2163	1192+76.22	68.96' RT	750.49	269396.26	595518.35
2164	1192+76.46	74.92' RT	750.39	269396.40	595524.30
2165	1192+77.96	69.94' RT	750.41	269397.98	595519.35
2165A	1192+80.58	69.95' RT	750.59	269400.60	595519.40
2166	1192+81.59	61.31' RT	750.65	269401.75	595510.78
2167	1192+81.78	61.15' RT	750.66	269401.94	595510.62
2168	1192+82.92	62.65' RT	750.58	269403.06	595512.14
2169	1192+82.94	69.96' RT	750.68	269402.96	595519.45
2170	1192+82.96	74.96' RT	750.73	269402.90	595524.45
2171	1192+82.99	85.13' RT	751.00	269402.77	595534.62
2172	1192+83.01	90.13' RT	751.10	269402.71	595539.62
2173	1192+87.90	56.91' RT	750.72	269408.13	595506.48
2174	1192+87.91	58.90' RT	750.64	269408.10	595508.48
2175	1192+87.94	70.00' RT	750.75	269407.96	595519.57
2176	1192+87.96	75.00' RT	750.80	269407.90	595524.57
2177	1192+87.98	90.11' RT	751.20	269407.68	595539.68
2178	1192+87.98	85.11' RT	751.07	269407.76	595534.68
2179	1192+89.46	55.94' RT	750.77	269409.70	595505.54
2180	1192+97.94	70.07' RT	751.13	269417.96	595519.80
2181	1192+97.96	75.07' RT	751.28	269417.90	595524.80
2182	1192+99.09	54.00' RT	750.82	269419.37	595503.75

PEDESTRIAN CURB RAMP
NE QUADRANT
W. BARNARD AVE.



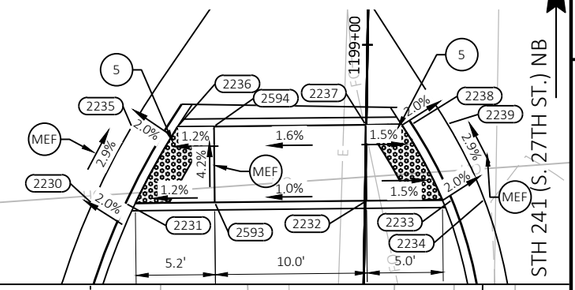
BARNARD AVE NE

POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
2185	1199+35.18	77.07' RT	734.83	270055.00	595536.86
2186	1199+35.49	74.54' RT	734.84	270055.35	595534.34
2187	1199+37.10	69.54' RT	734.87	270057.04	595529.36
2188	1199+37.54	74.54' RT	734.76	270057.40	595534.37
2189	1199+37.54	77.51' RT	735.25	270057.36	595537.34
2190	1199+37.50	68.67' RT	734.86	270057.46	595528.49
2191	1199+39.30	69.54' RT	734.78	270059.25	595529.39
2192	1199+41.64	66.53' RT	735.22	270061.63	595526.43
2193	1199+41.86	69.53' RT	734.94	270061.80	595529.43
2194	1199+44.48	59.98' RT	734.73	270064.58	595519.92
2195	1199+44.75	69.53' RT	735.04	270064.70	595529.47
2196	1199+44.76	74.53' RT	735.11	270064.62	595534.47
2197	1199+44.79	84.51' RT	735.58	270064.49	595544.45
2198	1199+49.75	69.52' RT	735.11	270069.70	595529.54
2199	1199+49.76	74.52' RT	735.19	270069.62	595534.54
2200	1199+49.77	84.51' RT	735.60	270069.47	595544.53
2202	1199+50.50	56.29' RT	731.72	270070.65	595516.32
2203	1199+57.41	74.51' RT	735.31	270077.27	595534.65
2204	1199+57.41	69.51' RT	735.21	270077.35	595529.65
2205	1199+63.36	54.14' RT	734.29	270083.55	595514.38

BARNARD AVE S MEDIAN

POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
2230	1198+89.25	18.00' LT	737.19	270010.59	595441.07
2231	1198+89.31	15.80' LT	737.21	270010.61	595443.28
2232	1198+89.73	0.10' RT	737.38	270010.78	595459.18
2233	1198+89.87	5.74' RT	737.29	270010.83	595464.82
2234	1198+89.93	7.88' RT	737.34	270010.86	595466.96
2235	1198+94.32	15.44' LT	737.02	270015.61	595443.72
2236	1198+94.40	12.45' LT	737.04	270015.65	595446.70
2237	1198+94.73	0.03' LT	737.23	270015.77	595459.13
2238	1198+94.81	3.01' RT	737.19	270015.81	595462.18
2239	1198+94.87	5.36' RT	737.18	270015.83	595464.53
2593	1198+89.46	9.92' LT	737.28	270010.67	595449.16
2594	1198+94.46	10.05' LT	737.07	270015.67	595449.11

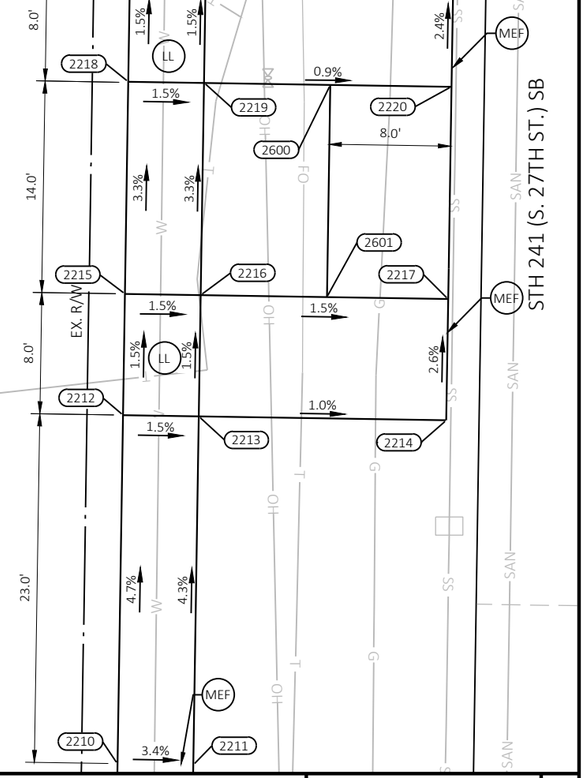
MEDIAN PEDESTRIAN CURB RAMP
S MEDIAN CROSSING
W. BARNARD AVE.



BUS STOP
SW QUADRANT
W. BARNARD AVE.

BARNARD AVE SW BUS STOP

POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
2210	1197+60.86	77.50' LT	741.02	269883.15	595379.56
2211	1197+60.86	72.50' LT	740.84	269883.07	595384.56
2212	1197+83.86	77.50' LT	739.94	269906.15	595379.92
2213	1197+83.86	72.50' LT	739.87	269906.07	595384.92
2214	1197+83.86	56.17' LT	739.71	269905.81	595401.25
2215	1197+91.86	77.50' LT	739.82	269914.15	595380.05
2216	1197+91.86	72.50' LT	739.75	269914.07	595385.05
2217	1197+91.86	56.17' LT	739.50	269913.81	595401.37
2218	1198+05.86	77.50' LT	739.36	269928.15	595380.27
2219	1198+05.86	72.50' LT	739.28	269928.07	595385.27
2220	1198+05.86	56.17' LT	739.14	269927.81	595401.60
2221	1198+13.86	77.50' LT	739.24	269936.14	595380.39
2222	1198+13.86	72.50' LT	739.17	269936.07	595385.39
2223	1198+13.86	56.17' LT	738.94	269935.81	595401.72
2224	1198+23.86	77.50' LT	739.37	269946.14	595380.55
2225	1198+23.86	72.50' LT	739.22	269946.06	595385.55
2600	1198+05.86	64.17' LT	739.24	269927.94	595393.60
2601	1197+91.86	64.17' LT	739.62	269913.94	595393.38



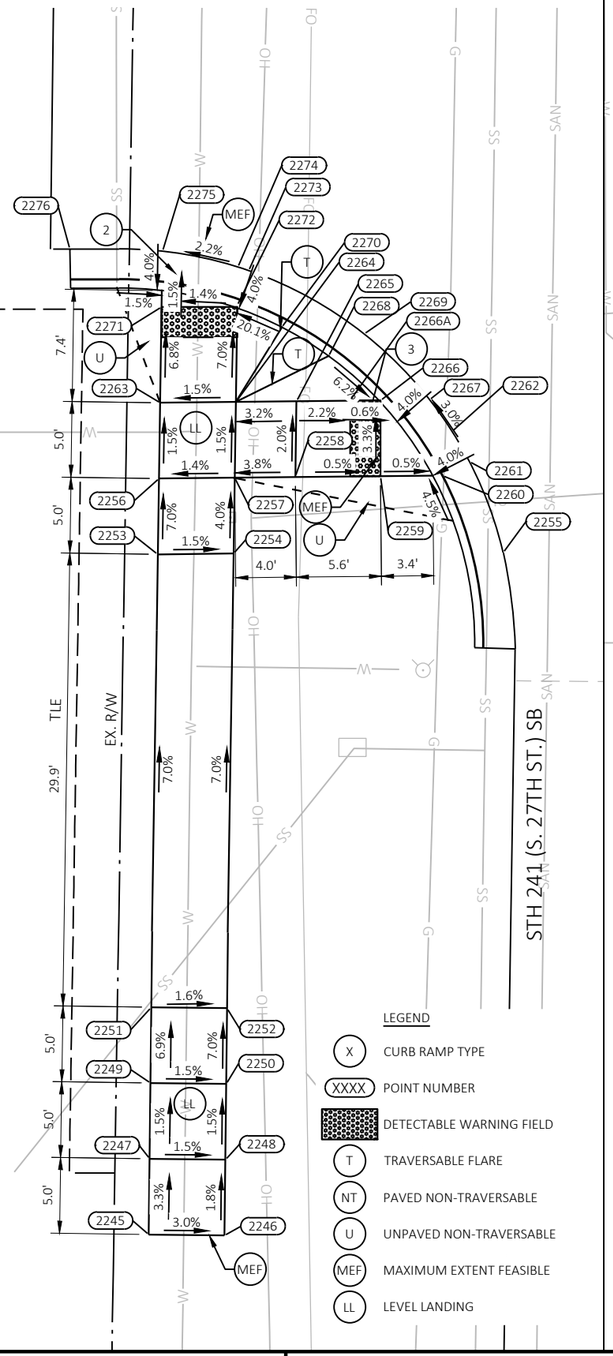
LEGEND

- (X) CURB RAMP TYPE
- (XXXX) POINT NUMBER
- DETECTABLE WARNING FIELD
- (T) TRAVERSABLE FLARE
- (NT) PAVED NON-TRAVERSABLE
- (U) UNPAVED NON-TRAVERSABLE
- (MEF) MAXIMUM EXTENT FEASIBLE
- (LL) LEVEL LANDING

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	INTERSECTION DETAILS (CURB RAMPS) W. CARPENTER AVE. / W. BARNARD AVE.	SHEET 107	E

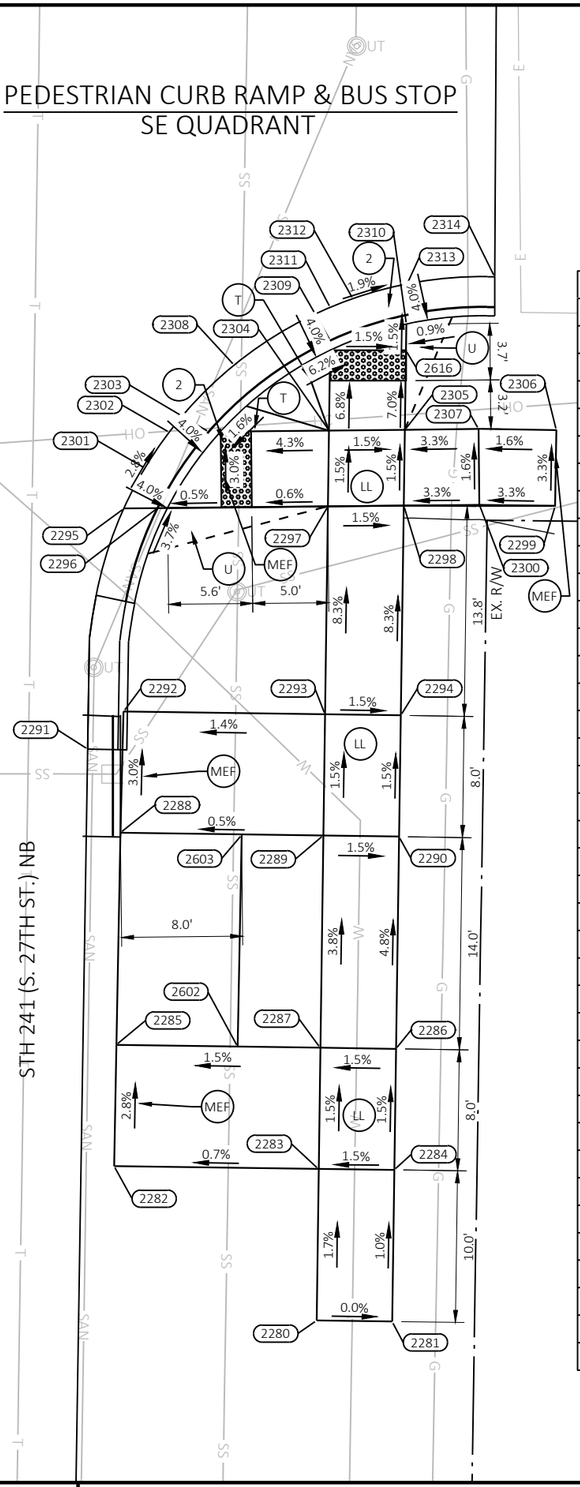
FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\021102_ID_CURB RAMPS_NORTH.DWG
LAYOUT NAME - 021124_id
PLOT DATE : 11/20/2024 2:56 PM PLOT BY : STRASSER, JEFFREY PLOT NAME : PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

PEDESTRIAN CURB RAMP
SW QUADRANT



BARNARD AVE SW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
2245	1198+37.80	77.57' LT	738.84	269960.08	595380.71
2246	1198+37.82	72.58' LT	738.69	269960.02	595385.69
2247	1198+42.80	77.58' LT	738.67	269965.08	595380.77
2248	1198+42.82	72.59' LT	738.60	269965.02	595385.76
2249	1198+47.80	77.59' LT	738.59	269970.08	595380.84
2250	1198+47.82	72.61' LT	738.52	269970.02	595385.82
2251	1198+52.80	77.64' LT	738.25	269975.08	595380.87
2252	1198+52.82	72.64' LT	738.17	269975.02	595385.87
2253	1198+82.69	77.68' LT	736.15	270004.97	595381.30
2254	1198+82.82	72.68' LT	736.08	270005.02	595386.30
2255	1198+83.16	54.89' LT	736.25	270005.08	595404.09
2256	1198+87.69	77.66' LT	735.80	270009.97	595381.40
2257	1198+87.82	72.68' LT	735.88	270010.02	595386.38
2258	1198+87.95	68.68' LT	736.05	270010.09	595390.38
2259	1198+88.07	63.07' LT	736.02	270010.12	595395.99
2260	1198+88.18	58.97' LT	736.00	270010.16	595400.09
2261	1198+89.13	57.21' LT	736.08	270011.08	595401.87
2262	1198+91.10	58.39' LT	736.00	270013.07	595400.72
2263	1198+92.69	77.67' LT	735.73	270014.97	595381.47
2264	1198+92.82	72.69' LT	735.80	270015.02	595386.45
2265	1198+92.93	68.69' LT	735.95	270015.06	595390.46
2266	1198+93.07	63.15' LT	735.86	270015.12	595395.99
2266A	1198+93.04	65.15' LT	735.87	270015.12	595393.99
2267	1198+93.17	59.90' LT	735.94	270015.16	595399.24
2268	1198+95.94	66.62' LT	736.14	270018.04	595392.57
2269	1198+97.45	64.30' LT	735.74	270019.51	595394.91
2270	1198+97.78	69.74' LT	736.01	270019.93	595389.48
2271	1198+99.02	77.69' LT	735.29	270021.29	595381.55
2272	1198+99.19	72.69' LT	735.38	270021.39	595386.55
2273	1199+01.49	71.97' LT	735.48	270023.68	595387.30
2274	1199+01.72	72.69' LT	735.46	270023.91	595386.59
2275	1199+02.68	77.69' LT	735.35	270024.96	595381.61
2276	1199+02.74	83.80' LT	735.27	270025.11	595375.50

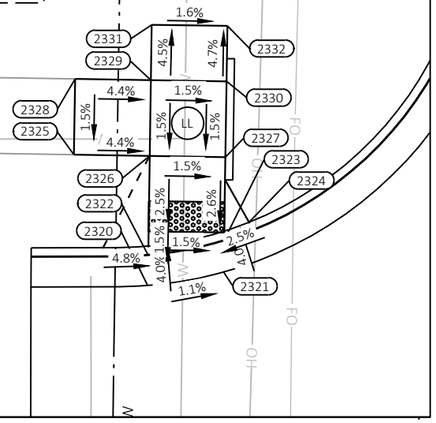
PEDESTRIAN CURB RAMP & BUS STOP
SE QUADRANT



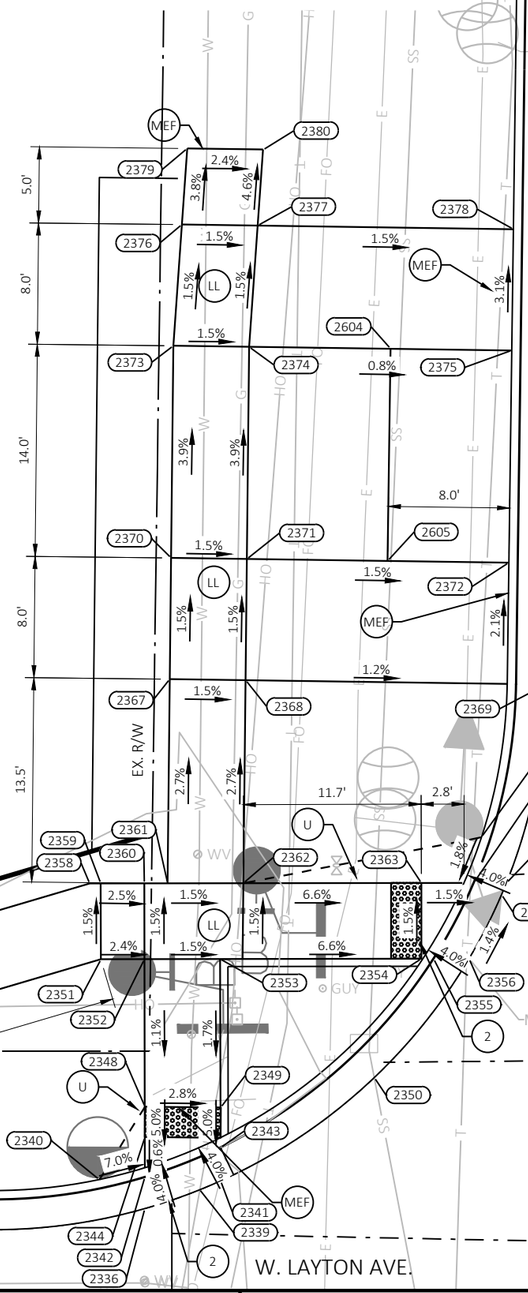
BARNARD AVE SE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
2280	1198+37.83	69.70' RT	738.39	269957.78	595527.95
2281	1198+37.84	74.69' RT	738.38	269957.72	595532.94
2282	1198+47.81	56.18' RT	738.11	269967.98	595514.59
2283	1198+47.83	69.66' RT	738.21	269967.78	595528.07
2284	1198+47.84	74.66' RT	738.29	269967.72	595533.07
2285	1198+55.81	56.20' RT	737.89	269975.97	595514.74
2286	1198+55.83	74.65' RT	738.17	269975.71	595533.19
2287	1198+55.83	69.65' RT	738.09	269975.78	595528.19
2288	1198+69.81	56.25' RT	737.50	269989.97	595515.01
2289	1198+69.83	69.63' RT	737.56	269989.79	595528.39
2290	1198+69.83	74.63' RT	737.49	269989.71	595533.39
2291	1198+75.28	54.00' RT	736.70	269995.48	595512.85
2292	1198+77.81	56.33' RT	737.26	269997.97	595515.22
2293	1198+77.83	69.62' RT	737.44	269997.78	595528.50
2294	1198+77.83	74.62' RT	737.37	269997.71	595533.50
2295	1198+91.19	56.14' RT	736.35	270011.36	595515.24
2296	1198+91.25	58.37' RT	736.24	270011.38	595517.46
2297	1198+91.55	69.60' RT	736.30	270011.50	595528.70
2298	1198+91.68	74.60' RT	736.23	270011.55	595533.70
2299	1198+91.81	84.59' RT	736.56	270011.52	595543.69
2300	1198+91.81	79.59' RT	736.39	270011.60	595538.69
2301	1198+93.88	57.49' RT	736.27	270014.02	595516.63
2302	1198+96.27	59.06' RT	736.18	270016.39	595518.24
2303	1198+96.34	61.66' RT	736.06	270016.42	595520.84
2304	1198+96.55	69.59' RT	736.24	270016.50	595528.78
2305	1198+96.68	74.59' RT	736.15	270016.55	595533.78
2306	1198+96.81	84.59' RT	736.39	270016.52	595543.77
2307	1198+96.81	79.45' RT	736.31	270016.60	595538.64
2308	1199+00.76	63.27' RT	736.06	270020.81	595522.52
2309	1199+02.49	69.59' RT	735.86	270022.44	595528.86
2310	1199+03.65	74.59' RT	735.76	270023.52	595533.88
2311	1199+04.67	69.54' RT	735.92	270024.62	595528.85
2312	1199+05.26	71.04' RT	735.89	270025.19	595530.36
2313	1199+06.29	74.59' RT	735.83	270026.16	595533.92
2314	1199+06.86	80.36' RT	735.73	270026.64	595539.70
2602	1198+55.82	64.20' RT	738.01	269975.86	595522.74
2603	1198+69.78	64.25' RT	737.54	269989.82	595523.01
2616	1199+01.92	74.59' RT	735.79	270021.79	595533.85

PEDESTRIAN CURB RAMP
NW QUADRANT
W. BARNARD AVE.

BARNARD AVE NW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
2320	1199+45.21	77.72' LT	735.11	270067.48	595382.25
2321	1199+46.18	72.72' LT	735.06	270068.37	595387.27
2322	1199+47.21	77.72' LT	735.03	270069.48	595382.28
2323	1199+48.27	72.72' LT	734.97	270070.46	595387.30
2324	1199+49.50	71.08' LT	734.95	270071.66	595388.95
2325	1199+53.77	82.72' LT	735.40	270076.12	595377.38
2326	1199+53.77	77.73' LT	735.18	270076.04	595382.38
2327	1199+53.77	72.72' LT	735.11	270075.96	595387.38
2328	1199+58.77	82.72' LT	735.48	270081.12	595377.46
2329	1199+58.77	77.72' LT	735.26	270081.04	595382.46
2330	1199+58.77	72.72' LT	735.18	270080.96	595387.46
2331	1199+62.42	77.73' LT	735.09	270084.69	595382.51
2332	1199+62.42	72.73' LT	735.01	270084.61	595387.51



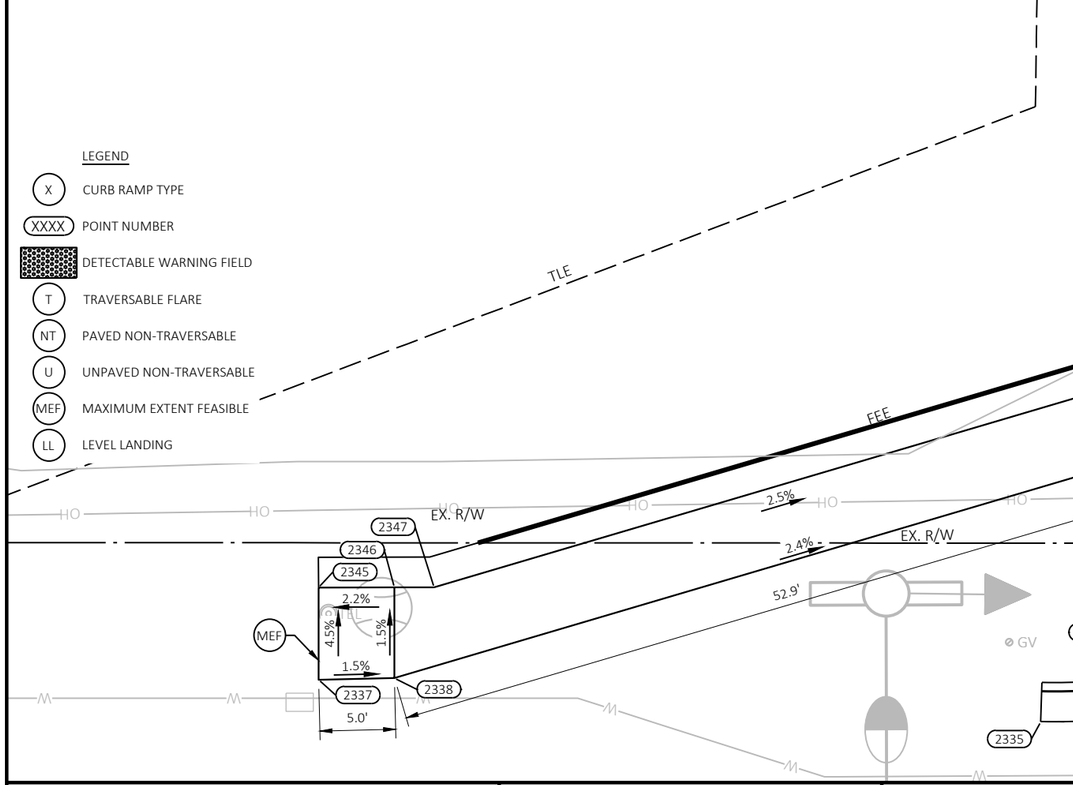
PEDESTRIAN CURB RAMP
NW QUADRANT
W. LAYTON AVE.



LAYTON AVE NW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
2335	1206+30.55	90.95' LT	724.31	270752.77	595379.74
2336	1206+32.09	80.01' LT	723.92	270754.15	595390.71
2337	1206+32.65	138.64' LT	725.48	270755.53	595332.09
2338	1206+32.84	133.64' LT	725.41	270755.65	595337.09
2339	1206+33.43	76.45' LT	723.84	270755.44	595394.29
2340	1206+33.96	83.04' LT	724.04	270756.07	595387.71
2341	1206+33.98	75.04' LT	723.77	270755.98	595395.71
2342	1206+34.17	80.04' LT	723.83	270756.23	595390.71
2343	1206+36.19	75.07' LT	723.70	270758.18	595395.70
2344	1206+36.81	80.08' LT	723.84	270758.88	595390.70
2345	1206+38.74	138.74' LT	725.21	270761.62	595332.08
2346	1206+38.82	133.74' LT	725.32	270761.63	595337.08
2347	1206+38.86	131.11' LT	725.29	270761.64	595339.71
2348	1206+38.81	80.09' LT	723.94	270760.88	595390.72
2349	1206+38.84	75.09' LT	723.80	270760.83	595395.72
2350	1206+40.94	64.99' LT	723.48	270762.80	595405.85
2351	1206+48.50	83.14' LT	724.11	270770.61	595387.80
2352	1206+48.54	80.27' LT	724.04	270770.61	595390.68
2353	1206+48.62	75.27' LT	723.97	270770.62	595395.68
2354	1206+48.83	62.00' LT	723.17	270770.65	595408.95
2355	1206+48.85	61.19' LT	723.13	270770.65	595409.76
2356	1206+48.88	58.84' LT	723.22	270770.65	595412.11
2357	1206+53.12	56.76' LT	723.12	270774.87	595414.25
2358	1206+53.49	83.94' LT	724.06	270775.61	595387.08
2359	1206+53.50	83.22' LT	724.04	270775.61	595387.79
2360	1206+53.54	80.35' LT	723.97	270775.61	595390.67
2361	1206+53.57	78.80' LT	723.95	270775.62	595392.21
2362	1206+53.65	73.81' LT	723.87	270775.63	595397.21
2363	1206+53.83	62.07' LT	723.10	270775.65	595408.95
2364	1206+53.89	58.61' LT	723.04	270775.65	595412.41
2365	1206+53.92	56.44' LT	723.12	270775.66	595414.58
2366	1206+56.89	58.14' LT	723.11	270778.66	595412.92
2367	1206+67.05	78.85' LT	723.58	270789.09	595392.35
2368	1206+67.05	73.85' LT	723.51	270789.02	595397.35
2369	1206+67.05	54.00' LT	722.87	270788.75	595417.20
2370	1206+75.05	78.88' LT	723.46	270797.09	595392.43
2371	1206+75.05	73.88' LT	723.39	270797.02	595397.43
2372	1206+75.04	56.58' LT	723.13	270796.78	595414.73
2373	1206+89.05	78.93' LT	722.92	270811.09	595392.58
2374	1206+89.05	73.93' LT	722.84	270811.02	595397.58
2375	1206+89.05	56.58' LT	722.72	270810.78	595414.92
2376	1206+97.05	78.47' LT	722.80	270819.09	595393.15
2377	1206+97.05	73.47' LT	722.72	270819.02	595398.15
2378	1206+97.05	56.58' LT	722.47	270818.78	595415.03
2379	1207+02.07	78.18' LT	722.61	270824.11	595393.51
2380	1207+02.04	73.19' LT	722.49	270824.00	595398.50
2604	1206+89.05	64.58' LT	722.80	270810.89	595406.92
2605	1206+75.05	64.58' LT	723.25	270796.89	595406.73

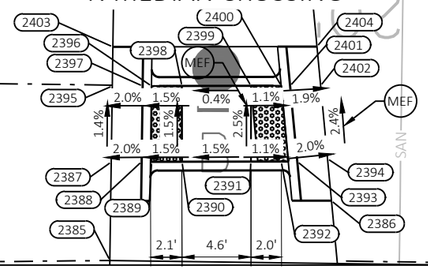
LEGEND

- (X) CURB RAMP TYPE
- (XXXX) POINT NUMBER
- DETECTABLE WARNING FIELD
- (T) TRAVERSABLE FLARE
- (NT) PAVED NON-TRAVERSABLE
- (U) UNPAVED NON-TRAVERSABLE
- (MEF) MAXIMUM EXTENT FEASIBLE
- (LL) LEVEL LANDING



PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	INTERSECTION DETAILS (CURB RAMPS) W. BARNARD AVE. / W. LAYTON AVE.	SHEET 109	E

PEDESTRIAN CURB RAMP
N MEDIAN CROSSING



LAYTON AVE NORTH MEDIAN

POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
2385	1206+42.96	22.00' LT	723.95	270764.22	595448.86
2386	1206+47.11	7.45' LT	724.00	270768.17	595463.47
2387	1206+49.46	22.00' LT	723.85	270770.72	595448.95
2388	1206+49.49	20.00' LT	723.89	270770.73	595450.95
2389	1206+49.51	19.35' LT	723.90	270770.73	595451.61
2390	1206+49.54	17.34' LT	723.93	270770.73	595453.62
2391	1206+49.61	12.79' LT	724.00	270770.74	595458.17
2392	1206+49.64	10.79' LT	723.98	270770.75	595460.17
2393	1206+49.66	9.73' LT	723.97	270770.75	595461.22
2394	1206+49.87	7.74' LT	723.93	270770.94	595463.21
2395	1206+54.46	22.00' LT	723.78	270775.72	595449.02
2396	1206+54.50	19.42' LT	723.83	270775.73	595451.61
2397	1206+54.50	20.00' LT	723.82	270775.73	595451.02
2398	1206+54.53	17.42' LT	723.86	270775.73	595453.61
2399	1206+54.61	12.86' LT	723.88	270775.74	595458.17
2400	1206+54.64	10.86' LT	723.86	270775.75	595460.17
2401	1206+54.65	10.27' LT	723.85	270775.75	595460.75
2402	1206+54.68	8.26' LT	723.82	270775.75	595462.76
2403	1206+57.05	22.00' LT	723.75	270778.31	595449.06
2404	1206+57.26	8.54' LT	723.77	270778.33	595462.52

STH 241 (S. 27TH ST.) NB

STH 241 (S. 27TH ST.) NB

06+00

PEDESTRIAN CURB RAMP
S MEDIAN CROSSING

W. LAYTON AVE.

LAYTON AVE SOUTH MEDIAN

POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
2410	1205+08.57	8.55' RT	726.78	270629.41	595477.40
2411	1205+08.78	22.00' RT	726.49	270629.41	595490.86
2412	1205+11.06	8.29' RT	726.73	270631.90	595477.19
2413	1205+11.09	10.30' RT	726.77	270631.90	595479.20
2414	1205+11.17	15.05' RT	726.75	270631.91	595483.94
2415	1205+11.25	20.00' RT	726.52	270631.91	595488.89
2416	1205+11.28	22.00' RT	726.46	270631.91	595490.89
2417	1205+16.06	7.78' RT	726.59	270636.91	595476.75
2418	1205+16.09	9.79' RT	726.66	270636.91	595478.76
2419	1205+16.15	14.97' RT	726.66	270636.89	595483.94
2420	1205+16.24	20.00' RT	726.44	270636.90	595488.97
2421	1205+16.28	22.00' RT	726.40	270636.91	595490.97
2422	1205+18.56	7.52' RT	726.53	270639.41	595476.53
2423	1205+18.79	22.00' RT	726.38	270639.41	595491.01

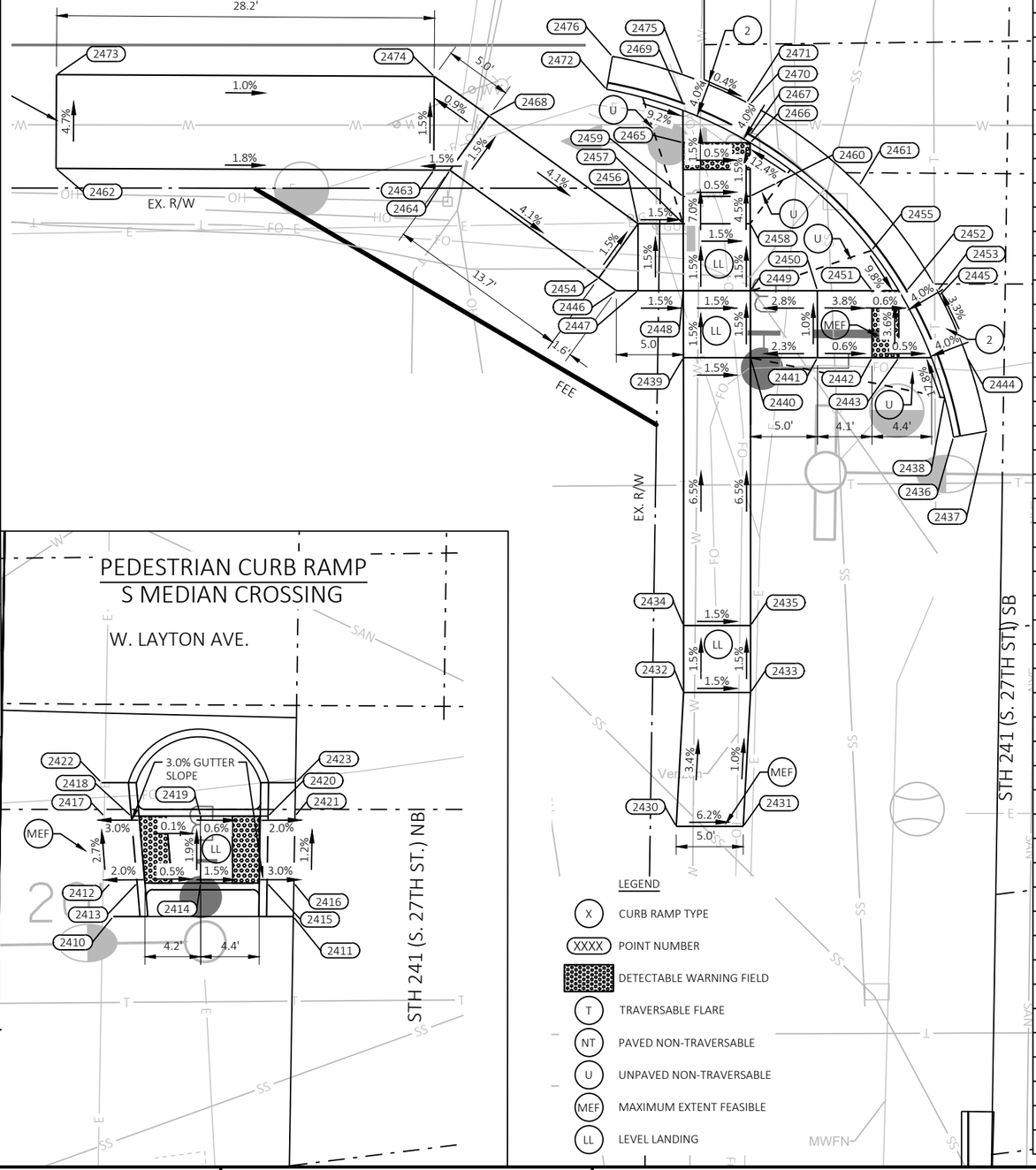
STH 241 (S. 27TH ST.) SB

STH 241 (S. 27TH ST.) NB

1205+00

PEDESTRIAN CURB RAMP & BUS STOP
SW QUADRANT

W. LAYTON AVE.



LAYTON AVE SW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
2430	1204+74.71	77.93' LT	727.33	270596.91	595390.40
2431	1204+74.79	72.93' LT	727.02	270596.91	595395.40
2432	1204+84.71	77.54' LT	726.99	270606.91	595390.95
2433	1204+84.79	72.54' LT	726.92	270606.91	595395.95
2434	1204+89.71	77.62' LT	726.92	270611.91	595390.95
2435	1204+89.79	72.62' LT	726.84	270611.91	595395.95
2436	1205+04.10	57.69' LT	726.13	270625.98	595411.10
2437	1205+04.57	55.23' LT	725.83	270626.41	595413.56
2438	1205+07.01	58.39' LT	726.18	270628.91	595410.44
2439	1205+09.71	77.94' LT	725.62	270631.91	595390.94
2440	1205+09.78	72.94' LT	725.54	270631.91	595395.94
2441	1205+09.86	67.94' LT	725.66	270631.91	595400.95
2442	1205+09.93	63.87' LT	725.63	270631.91	595405.02
2443	1205+09.96	61.87' LT	725.62	270631.91	595407.02
2444	1205+10.04	56.76' LT	725.72	270631.91	595412.12
2445	1205+14.63	58.94' LT	725.53	270636.54	595410.02
2446	1205+14.63	83.03' LT	725.62	270636.91	595385.93
2447	1205+14.65	81.41' LT	725.59	270636.91	595387.55
2448	1205+14.71	78.03' LT	725.54	270636.91	595390.93
2449	1205+14.78	73.03' LT	725.47	270636.91	595395.93
2450	1205+14.87	68.03' LT	725.61	270636.92	595400.93
2451	1205+14.93	63.95' LT	725.45	270636.91	595405.02
2452	1205+14.97	61.37' LT	725.42	270636.91	595407.60
2453	1205+15.00	59.07' LT	725.50	270636.91	595409.90
2454	1205+15.55	84.36' LT	725.59	270637.86	595384.62
2455	1205+17.93	64.04' LT	725.80	270639.91	595404.97
2456	1205+19.65	81.49' LT	725.52	270641.91	595387.55
2457	1205+19.70	78.12' LT	725.47	270641.91	595390.92
2458	1205+19.78	73.12' LT	725.39	270641.91	595395.92
2459	1205+21.74	78.16' LT	725.33	270643.94	595390.92
2460	1205+21.82	73.17' LT	725.30	270643.95	595395.91
2461	1205+22.75	65.03' LT	725.25	270644.75	595404.06
2462	1205+23.10	125.01' LT	726.63	270646.04	595344.09
2463	1205+23.41	96.80' LT	726.13	270645.91	595372.30
2464	1205+23.42	95.61' LT	726.15	270645.90	595373.49
2465	1205+25.75	78.23' LT	725.27	270647.95	595390.91
2466	1205+25.82	73.23' LT	725.24	270647.95	595395.91
2467	1205+26.40	73.24' LT	725.24	270648.53	595395.91
2468	1205+27.52	92.75' LT	726.07	270649.95	595376.42
2469	1205+28.69	78.28' LT	725.22	270650.90	595390.90
2470	1205+28.70	73.28' LT	725.28	270650.82	595395.90
2471	1205+28.82	73.54' LT	725.29	270650.95	595395.64
2472	1205+29.63	84.00' LT	725.78	270651.93	595385.20
2473	1205+30.10	125.08' LT	726.30	270653.04	595344.13
2474	1205+30.41	96.88' LT	726.03	270652.90	595372.34
2475	1205+30.81	78.32' LT	725.32	270653.02	595390.90
2476	1205+32.10	83.60' LT	725.46	270654.39	595385.64

STH 241 (S. 27TH ST.) SB

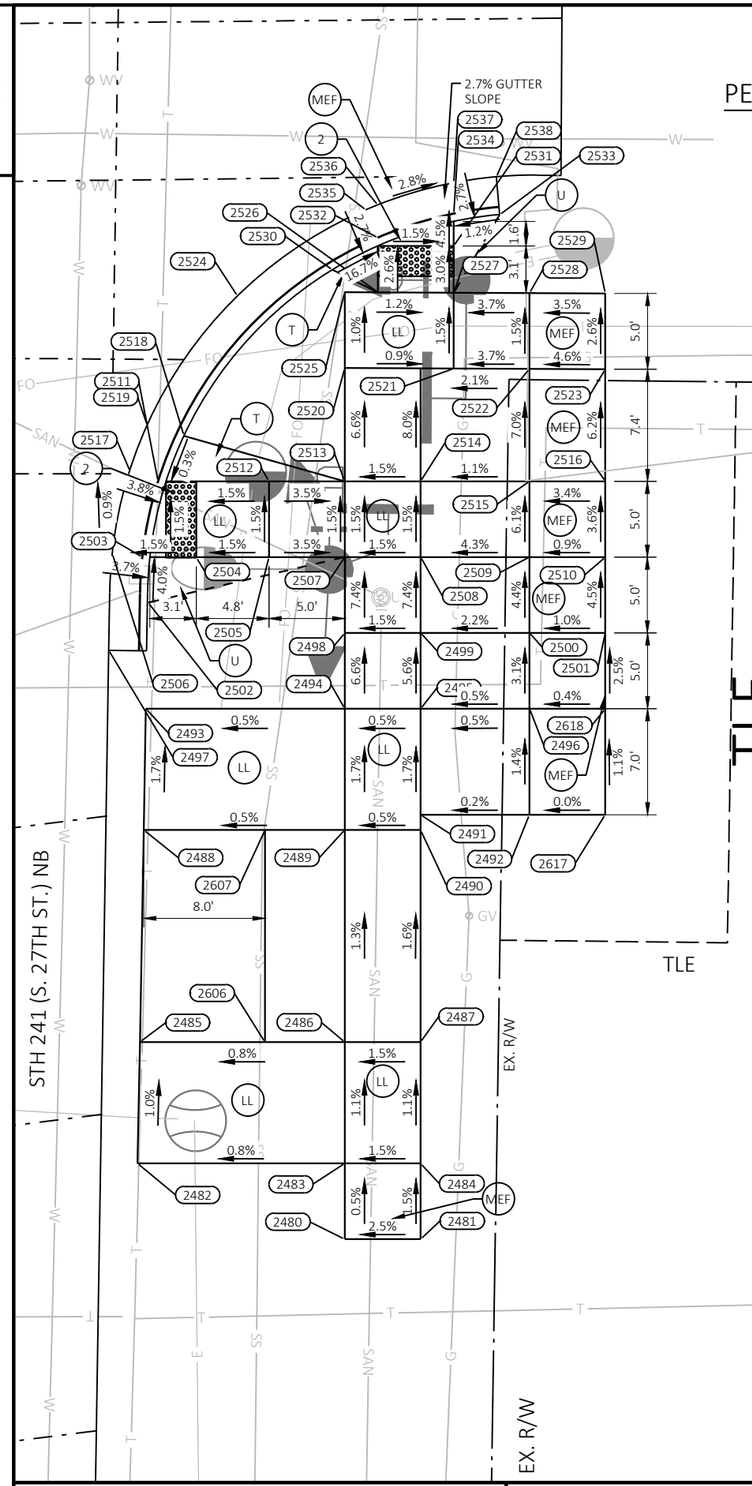
LEGEND

- X — CURB RAMP TYPE
- XXXX — POINT NUMBER
- DETECTABLE WARNING FIELD
- T — TRAVERSABLE FLARE
- NT — PAVED NON-TRAVERSABLE
- U — UNPAVED NON-TRAVERSABLE
- MEF — MAXIMUM EXTENT FEASIBLE
- LL — LEVEL LANDING

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	INTERSECTION DETAILS (CURB RAMPS) W. LAYTON AVE.	SHEET 110	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\021102_ID_CURB RAMPS_NORTH.DWG
LAYOUT NAME - 021127_id
PLOT DATE : 11/20/2024 2:58 PM PLOT BY : STRASSER, JEFFREY PLOT NAME : PLOT SCALE : ##########
WISDOT/CADDS SHEET 42

PEDESTRIAN CURB RAMP & BUS STOP
SE QUADRANT



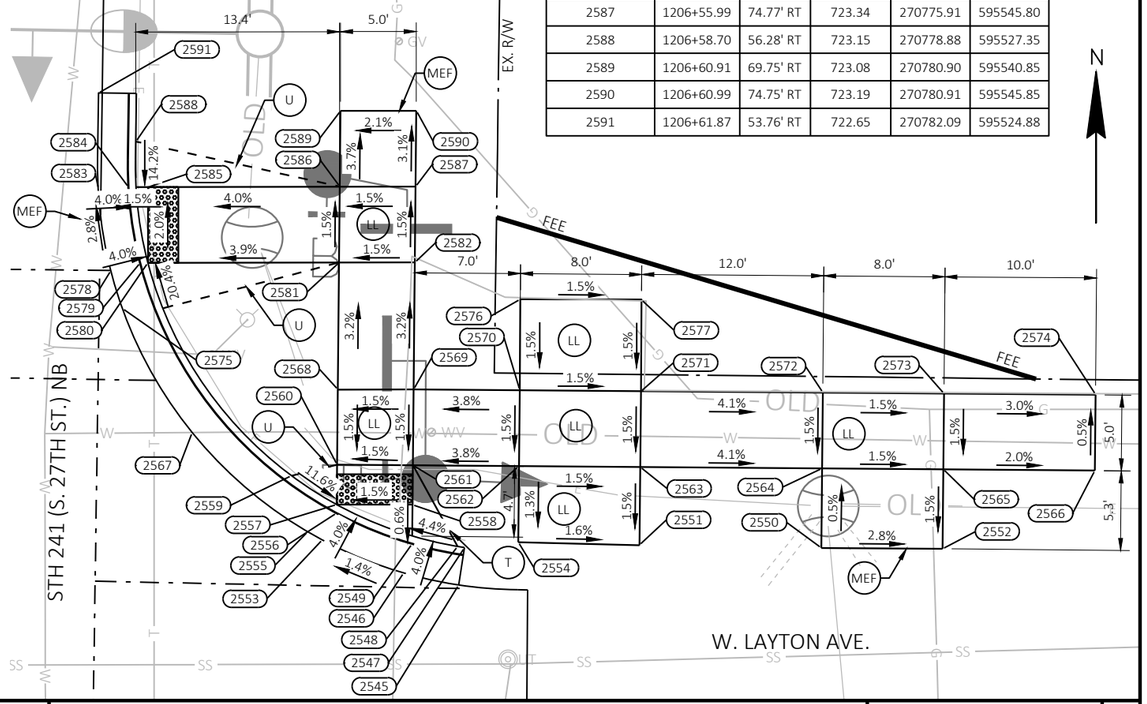
LEGEND

- X — CURB RAMP TYPE
- XXXX — POINT NUMBER
- DETECTABLE WARNING FIELD
- T — TRAVERSABLE FLARE
- NT — PAVED NON-TRAVERSABLE
- U — UNPAVED NON-TRAVERSABLE
- MEF — MAXIMUM EXTENT FEASIBLE
- LL — LEVEL LANDING

LAYTON AVE NE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
2545	1206+29.74	77.98' RT	723.55	270749.62	595548.65
2546	1206+30.49	74.33' RT	723.56	270750.42	595545.01
2547	1206+32.22	78.32' RT	723.63	270752.09	595549.02
2548	1206+32.28	77.86' RT	723.61	270752.16	595548.57
2549	1206+32.41	74.86' RT	723.48	270752.34	595545.57
2550	1206+32.52	101.86' RT	723.30	270752.07	595572.57
2551	1206+32.54	89.86' RT	723.68	270752.25	595560.57
2552	1206+32.57	109.86' RT	723.07	270752.01	595580.57
2553	1206+32.59	68.94' RT	723.48	270752.59	595539.65
2554	1206+32.62	81.86' RT	723.81	270752.45	595552.57
2555	1206+33.12	67.97' RT	723.46	270753.13	595538.69
2556	1206+34.37	69.85' RT	723.40	270754.36	595540.59
2557	1206+34.93	69.85' RT	723.42	270754.93	595540.60
2558	1206+35.00	74.85' RT	723.49	270754.93	595545.60
2559	1206+36.80	66.85' RT	723.83	270756.83	595537.61
2560	1206+37.57	69.84' RT	723.53	270757.56	595540.62
2561	1206+37.60	74.84' RT	723.61	270757.52	595545.62
2562	1206+37.65	81.84' RT	723.88	270757.47	595552.62
2563	1206+37.70	89.84' RT	723.76	270757.41	595560.62

LAYTON AVE NE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
2564	1206+37.77	101.84' RT	723.27	270757.32	595572.6
2565	1206+37.82	109.84' RT	723.15	270757.26	595580.6
2566	1206+37.88	119.84' RT	722.95	270757.18	595590.6
2567	1206+39.56	60.25' RT	723.29	270759.68	595531.0
2568	1206+42.52	69.82' RT	723.61	270762.51	595540.6
2569	1206+42.60	74.81' RT	723.68	270762.52	595545.6
2570	1206+42.65	81.82' RT	723.95	270762.47	595552.6
2571	1206+42.68	89.82' RT	723.83	270762.39	595560.6
2572	1206+42.77	101.82' RT	723.34	270762.32	595572.6
2573	1206+42.82	109.82' RT	723.22	270762.26	595580.6
2574	1206+42.88	119.82' RT	722.93	270762.18	595590.6
2575	1206+47.67	55.54' RT	723.04	270767.86	595526.4
2576	1206+48.65	81.77' RT	724.04	270768.47	595552.7
2577	1206+48.74	89.77' RT	723.92	270768.45	595560.7
2578	1206+50.17	54.73' RT	722.96	270770.37	595525.6
2579	1206+50.70	56.66' RT	722.88	270770.88	595527.6
2580	1206+50.71	57.18' RT	722.85	270770.88	595528.1
2581	1206+50.91	69.79' RT	723.34	270770.90	595540.7
2582	1206+50.99	74.79' RT	723.42	270770.91	595545.7

PEDESTRIAN CURB RAMP & BUS STOP
NE QUADRANT



LAYTON AVE NE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
2583	1206+55.55	53.84' RT	722.81	270775.76	595524.87
2584	1206+55.69	55.82' RT	722.73	270775.87	595526.85
2585	1206+55.71	57.11' RT	722.75	270775.88	595528.14
2586	1206+55.91	69.77' RT	723.27	270775.90	595540.80
2587	1206+55.99	74.77' RT	723.34	270775.91	595545.80
2588	1206+58.70	56.28' RT	723.15	270778.88	595527.35
2589	1206+60.91	69.75' RT	723.08	270780.90	595540.85
2590	1206+60.99	74.75' RT	723.19	270780.91	595545.85
2591	1206+61.87	53.76' RT	722.65	270782.09	595524.88

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	INTERSECTION DETAILS (CURB RAMPS) W. LAYTON AVE.	SHEET 111	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\021102_ID_CURB RAMPS_NORTH.DWG
LAYOUT NAME - 021128_id
PLOT DATE : 11/20/2024 2:58 PM PLOT BY : STRASSER, JEFFREY PLOT NAME : PLOT SCALE : ##########
WISDOT/CADDS SHEET 42

PEDESTRIAN CURB RAMP & BUS STOP
SE QUADRANT

LAYTON AVE SE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
2480	1204+67.04	70.20' RT	726.56	270586.91	595538.39
2481	1204+67.12	75.20' RT	726.68	270586.91	595543.39
2482	1204+71.82	56.45' RT	726.42	270591.91	595524.71
2483	1204+72.04	70.12' RT	726.53	270591.91	595538.39
2484	1204+72.12	75.12' RT	726.61	270591.91	595543.39
2485	1204+79.82	56.48' RT	726.34	270599.91	595524.87
2486	1204+80.04	69.99' RT	726.45	270599.91	595538.39
2487	1204+80.12	74.98' RT	726.52	270599.91	595543.38
2488	1204+93.83	56.51' RT	726.21	270613.91	595525.12
2489	1204+94.04	69.77' RT	726.27	270613.91	595538.39
2490	1204+94.12	74.77' RT	726.30	270613.91	595543.39
2491	1204+95.12	74.76' RT	726.28	270614.91	595543.39
2492	1204+95.23	81.94' RT	726.29	270614.91	595550.58
2493	1205+01.83	56.52' RT	726.07	270621.91	595525.26
2494	1205+02.04	69.65' RT	726.14	270621.91	595538.39
2495	1205+02.11	74.65' RT	726.16	270621.91	595543.39
2496	1205+02.24	81.83' RT	726.20	270621.92	595550.58
2497	1205+05.63	54.01' RT	725.61	270625.75	595522.81
2498	1205+07.04	69.57' RT	725.81	270626.91	595538.39
2499	1205+07.11	74.57' RT	725.88	270626.91	595543.39
2500	1205+07.23	81.75' RT	726.04	270626.91	595550.58
2501	1205+07.31	86.75' RT	726.09	270626.91	595555.58
2502	1205+08.83	56.56' RT	725.62	270628.91	595525.42
2503	1205+11.82	56.12' RT	725.49	270631.91	595525.02
2504	1205+11.85	59.70' RT	725.55	270631.88	595528.59
2505	1205+11.96	64.49' RT	725.62	270631.91	595533.39
2506	1205+12.01	54.15' RT	725.56	270632.12	595523.05
2507	1205+12.03	69.49' RT	725.44	270631.91	595538.39
2508	1205+12.11	74.49' RT	725.51	270631.91	595543.39
2509	1205+12.23	81.67' RT	725.82	270631.91	595550.58
2510	1205+12.31	86.67' RT	725.86	270631.91	595555.58
2511	1205+16.84	57.09' RT	725.42	270636.91	595526.07
2512	1205+16.95	64.41' RT	725.54	270636.91	595533.39
2513	1205+17.03	69.41' RT	725.36	270636.91	595538.39
2514	1205+17.11	74.41' RT	725.44	270636.91	595543.39
2515	1205+17.23	81.59' RT	725.51	270636.91	595550.58
2516	1205+17.31	86.59' RT	725.68	270636.91	595555.58
2517	1205+17.38	55.26' RT	725.49	270637.48	595524.25
2518	1205+19.87	58.75' RT	725.45	270639.91	595527.78
2519	1205+20.54	56.31' RT	0.00	270640.62	595525.35
2520	1205+24.51	69.29' RT	724.87	270644.38	595538.39
2521	1205+24.58	76.48' RT	724.81	270644.35	595545.58
2522	1205+24.64	81.48' RT	725.00	270644.32	595550.58
2523	1205+24.69	86.48' RT	725.23	270644.30	595555.58
2524	1205+29.14	62.13' RT	725.10	270649.13	595531.31
2525	1205+29.51	69.21' RT	724.82	270649.38	595538.39
2526	1205+29.53	71.40' RT	724.80	270649.37	595540.58
2527	1205+29.58	76.40' RT	724.73	270649.35	595545.58
2528	1205+29.64	81.40' RT	724.92	270649.32	595550.58
2529	1205+29.69	86.40' RT	725.10	270649.30	595555.58
2530	1205+30.97	68.38' RT	725.28	270650.86	595537.58

LAYTON AVE SE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
2531	1205+32.67	76.35' RT	724.64	270652.43	595545.58
2532	1205+33.13	71.34' RT	724.70	270652.98	595540.58
2533	1205+34.78	79.35' RT	724.61	270654.50	595548.60
2534	1205+34.79	76.32' RT	724.55	270654.56	595545.58
2535	1205+34.96	70.52' RT	724.75	270654.81	595539.78
2536	1205+35.30	71.31' RT	724.73	270655.14	595540.58
2537	1205+36.83	76.28' RT	724.58	270656.60	595545.58
2538	1205+37.27	79.08' RT	724.47	270656.99	595548.38
2606	1204+79.96	64.73' RT	726.41	270599.91	595533.12
2607	1204+93.95	64.50' RT	726.25	270613.91	595533.12
2617	1204+95.31	86.94' RT	726.30	270614.91	595555.58
2618	1205+02.31	86.83' RT	726.22	270621.91	595555.58

RADIAL WARNING FIELD PANEL LAYOUT TABLE			
CURB RAMP	BACK OF CURB RADIUS (FT)	LANDING LENGTH 'XR' (FT)	RADIAL LONG CHORD (FT)
S. MANGOLD AVE WEST	52.4	4.2	5.4
S. MANGOLD AVE EAST	67.4	3.8	5.3
N. MANGOLD AVE WEST	62.4	3.4	5.2
N. MANGOLD AVE EAST	62.4	3.4	5.2
S. KIMBERLY AVE EAST	62.4	4.4	5.4
S. KIMBERLY AVE WEST	67.4	4.2	5.4
N. KIMBERLY AVE EAST	57.4	3.7	5.2
N. KIMBERLY AVE WEST	62.4	3.6	5.2
S. HONEYCREEK DR EAST	62.4	3.9	5.3
S. HONEYCREEK DR WEST	62.4	2.9	5.3
S. GOLDCREST AVE EAST	72.4	3.2	5.1
S. GOLDCREST AVE WEST	37.4	3.2	5.1
S. MALLORY AVE WEST	47.4	3.3	5.1
S. MALLORY AVE EAST	52.4	3.8	5.3
N. MALLORY AVE WEST	47.4	4.6	5.5
N. MALLORY AVE EAST	52.4	4.6	5.5

RADIAL WARNING FIELD PANEL LAYOUT TABLE			
CURB RAMP	BACK OF CURB RADIUS (FT)	LANDING LENGTH 'XR' (FT)	RADIAL LONG CHORD (FT)
S. CLAYTON CREST AVE WEST	58.4	3.0	5.1
S. CLAYTON CREST AVE EAST	67.4	3.0	5.1
N. CLAYTON CREST AVE WEST	47.4	2.8	5.1
N. CLAYTON CREST AVE EAST	47.4	2.8	5.1
S. UPHAM AVE EAST	68.4	4.0	5.3
S. UPHAM AVE WEST	65.4	4.0	5.3
S. ABBOTT AVE WEST	67.4	4.5	5.6
S. ABBOTT AVE EAST	67.4	4.5	5.6
N. ABBOTT AVE WEST	67.4	3.6	5.2
N. ABBOTT AVE EAST	45.4	2.9	5.1
S. HOLMES AVE WEST	57.4	3.0	5.1
S. HOLMES AVE EAST	77.4	3.1	5.1
N. HOLMES AVE WEST	62.4	4.3	5.7
N. HOLMES AVE EAST	62.4	4.1	5.7
S. CARPENTER AVE WEST	62.4	5.1	5.7
S. CARPENTER AVE EAST	62.4	5.1	5.7
N. CARPENTER AVE WEST	47.4	5.1	5.8
N. CARPENTER AVE EAST	72.4	4.4	5.6
S. BARNARD AVE WEST	47.4	5.1	5.8
S. BARNARD AVE EAST	27.4	5.1	5.0

2

2

LEGEND

- SOD LAWN
- SLOPE INTERCEPT
- INLET PROTECTION
- INLET PROTECTION TYPE (X)
- SURFACE WATER FLOW
- BIOSWALES
- MULCH

N

EX. R/W

INSTALL INLET PROTECTION AT NEXT DOWNSTREAM INLETS

STH 241 (S. 27TH ST.) SB

1102+00 1103+00 1104+00 1105+00 1106+00 1107+00 1108+00

MATCH LINE 1108+00

INSTALL INLET PROTECTION AT NEXT DOWNSTREAM INLETS

STH 241 (S. 27TH ST.) NB

EX. R/W

EX. R/W

POST

POST

POST

POST

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	EROSION CONTROL	SHEET 114	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\022001_EC.DWG
LAYOUT NAME - 022001_ec

PLOT DATE : 11/20/2024 3:06 PM PLOT BY : STRASSER, JEFFREY PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- SOD LAWN
- SLOPE INTERCEPT
- INLET PROTECTION
- (X) INLET PROTECTION TYPE
- SURFACE WATER FLOW
- BIOSWALES
- MULCH

N

FLAG

EX. R/W

EX. R/W

STH 241 (S. 27TH ST.) SB

STH 241 (S. 27TH ST.) SB

MATCH LINE 1108+00

1109+00

1110+00

1111+00

1112+00

1113+00

MATCH LINE 1114+00

STH 241 (S. 27TH ST.) NB

STH 241 (S. 27TH ST.) NB

EX. R/W

EX. R/W

W. MANGOLD AVE.

W. KIMBERLY AVE.

EX. R/W

EX. R/W

EX. R/W

EX. R/W

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	EROSION CONTROL	SHEET 115	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\022001_EC.DWG
LAYOUT NAME - 021202_pd

PLOT DATE : 11/20/2024 3:06 PM PLOT BY : STRASSER, JEFFREY PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

2

LEGEND

SOD LAWN

SLOPE INTERCEPT

INLET PROTECTION

INLET PROTECTION TYPE

SURFACE WATER FLOW

BIOSWALES

MULCH

N

S. HONEYCREEK DR.

EX. R/W

EX. R/W

EX. R/W

EX. R/W

STH 241 (S. 27TH ST.) SB

STH 241 (S. 27TH ST.) SB

MATCH LINE 1114+00

MATCH LINE 1120+00

1115+00

1116+00

1117+00

1118+00

1119+00

STH 241 (S. 27TH ST.) NB

STH 241 (S. 27TH ST.) NB

EX. R/W

EX. R/W

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	EROSION CONTROL	SHEET 116	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\022001_EC.DWG
LAYOUT NAME - 021203_pd

PLOT DATE : 11/20/2024 3:06 PM PLOT BY : STRASSER, JEFFREY PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- SOD LAWN
- SLOPE INTERCEPT
- INLET PROTECTION
- (X) INLET PROTECTION TYPE
- SURFACE WATER FLOW
- BIOSWALES
- MULCH

EX. R/W

EX. R/W

EX. R/W

N

STH 241 (S. 27TH ST.) SB

MATCH LINE 1120+00

1121+00

1122+00

1123+00

1124+00

1125+00

MATCH LINE 1126+00

STH 241 (S. 27TH ST.) NB

EX. R/W

EX. R/W

POST

EX. R/W

2

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	EROSION CONTROL	SHEET 117	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\022001_EC.DWG
LAYOUT NAME - 021204_pd

PLOT DATE : 11/20/2024 3:06 PM PLOT BY : STRASSER, JEFFREY PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

INSTALL INLET PROTECTION AT NEXT DOWNSTREAM INLETS

EX. R/W

W. RAMSEY AVE.

POST

EX. R/W

EX. R/W

STH 241 (S. 27TH ST.) SB

STH 241 (S. 27TH ST.) SB

MATCH LINE 1126+00

1126+00

1127+00

1128+00

1129+00

1130+00

1131+00

1132+00

MATCH LINE 1132+00

STH 241 (S. 27TH ST.) NB

STH 241 (S. 27TH ST.) NB

FLAG

W. RAMSEY AVE.

EX. R/W

EX. R/W

W. GOLDCREST AVE.

EX. R/W

EX. R/W

LEGEND

- SOD LAWN
- SLOPE INTERCEPT
- INLET PROTECTION
- INLET PROTECTION TYPE
- SURFACE WATER FLOW
- BIOSWALES
- MULCH

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	EROSION CONTROL	SHEET 118

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\022001_EC.DWG
LAYOUT NAME - 021205_pd
PLOT DATE : 11/20/2024 3:06 PM
PLOT BY : STRASSER, JEFFREY
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

2

LEGEND

- SOD LAWN
- SLOPE INTERCEPT
- INLET PROTECTION
- (X) INLET PROTECTION TYPE
- SURFACE WATER FLOW
- BIOSWALES
- MULCH

N

EX. R/W

EX. R/W

STH 241 (S. 27TH ST.) SB

STH 241 (S. 27TH ST.) SB

MATCH LINE 1132+00

1133+00

1134+00

1135+00

1136+00

1137+00

MATCH LINE 1138+00

STH 241 (S. 27TH ST.) NB

STH 241 (S. 27TH ST.) NB

EX. R/W

EX. R/W

FLAG

POST

POST

POST

POST

POST

POST

U/C

U/C

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	EROSION CONTROL	SHEET 119	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\022001_EC.DWG
LAYOUT NAME - 021206_pd

PLOT DATE : 11/20/2024 3:06 PM PLOT BY : STRASSER, JEFFREY PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- SOD LAWN
- SLOPE INTERCEPT
- INLET PROTECTION
- INLET PROTECTION TYPE (X)
- SURFACE WATER FLOW
- BIOSWALES
- MULCH

INSTALL INLET PROTECTION AT NEXT DOWNSTREAM INLETS

EX. R/W

W. PARNELL AVE.

STH 241 (S. 27TH ST.) SB

STH 241 (S. 27TH ST.) NB

MATCH LINE 1138+00

MATCH LINE 1144+00

1139+00

1141+00

1142+00

1143+00

POST

POOL

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	EROSION CONTROL	SHEET 120	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\022001_EC.DWG
LAYOUT NAME - 021207_pd
PLOT DATE : 11/20/2024 3:06 PM
PLOT BY : STRASSER, JEFFREY
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

LEGEND

- SOD LAWN
- SLOPE INTERCEPT
- INLET PROTECTION
- INLET PROTECTION TYPE
- SURFACE WATER FLOW
- BIOSWALES
- MULCH

N

EX. R/W

EX. R/W

STH 241 (S. 27TH ST.) SB

MATCH LINE 1144+00

1145+00

1146+00

1147+00

1148+00

1149+00

MATCH LINE 1150+00

STH 241 (S. 27TH ST.) NB

EX. R/W

EX. R/W

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	EROSION CONTROL	SHEET 121	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\022001_EC.DWG
LAYOUT NAME - 021208_pd

PLOT DATE : 11/20/2024 3:07 PM PLOT BY : STRASSER, JEFFREY PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

2

LEGEND

- SOD LAWN
- SLOPE INTERCEPT
- INLET PROTECTION
- (X) INLET PROTECTION TYPE
- SURFACE WATER FLOW
- BIOSWALES
- MULCH

N

W. GRANGE AVE.

EX. R/W

STH 241 (S. 27TH ST.) SB

STH 241 (S. 27TH ST.) NB

MATCH LINE 1150+00

MATCH LINE 1156+00

1150+00

1151+00

1152+00

1153+00

1154+00

1155+00

POST

INSTALL INLET PROTECTION AT NEXT DOWNSTREAM INLETS

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	EROSION CONTROL	SHEET 122	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\022001_EC.DWG
LAYOUT NAME - 021209_pd

PLOT DATE : 11/20/2024 3:07 PM PLOT BY : STRASSER, JEFFREY PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

2

LEGEND

- SOD LAWN
- SLOPE INTERCEPT
- INLET PROTECTION
- (X) INLET PROTECTION TYPE
- SURFACE WATER FLOW
- BIOSWALES
- MULCH

N

W. MALLORY AVE.

EX. R/W

EX. R/W

TLE

TLE

EX. R/W

EX. R/W

STH 241 (S. 27TH ST.) SB

STH 241 (S. 27TH ST.) SB

MATCH LINE 1156+00

1157+00

1158+00

1159+00

1161+00

MATCH LINE 1162+00

STH 241 (S. 27TH ST.) NB

STH 241 (S. 27TH ST.) NB

EX. R/W

EX. R/W

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	EROSION CONTROL	SHEET 123	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\022001_EC.DWG
LAYOUT NAME - 021210_pd

PLOT DATE : 11/20/2024 3:07 PM PLOT BY : STRASSER, JEFFREY PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- SOD LAWN
- SLOPE INTERCEPT
- INLET PROTECTION
- (X) INLET PROTECTION TYPE
- SURFACE WATER FLOW
- BIOSWALES
- MULCH

N

EX. R/W

EX. R/W

W. UPHAM AVE.

EX. R/W

STH 241 (S. 27TH ST.) SB

STH 241 (S. 27TH ST.) SB

STH 241 (S. 27TH ST.) SB

MATCH LINE 1162+00

1163+00

1164+00

1165+00

1166+00

1167+00

MATCH LINE 1168+00

STH 241 (S. 27TH ST.) NB

STH 241 (S. 27TH ST.) NB

STH 241 (S. 27TH ST.) NB

EX. R/W

EX. R/W

W. CLAYTON CREST AVE.

INSTALL INLET PROTECTION AT NEXT DOWNSTREAM INLETS

EX. R/W

EX. R/W

POST

SUBSTATION

POST

2

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	EROSION CONTROL	SHEET 124	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\022001_EC.DWG
LAYOUT NAME - 021211_pd

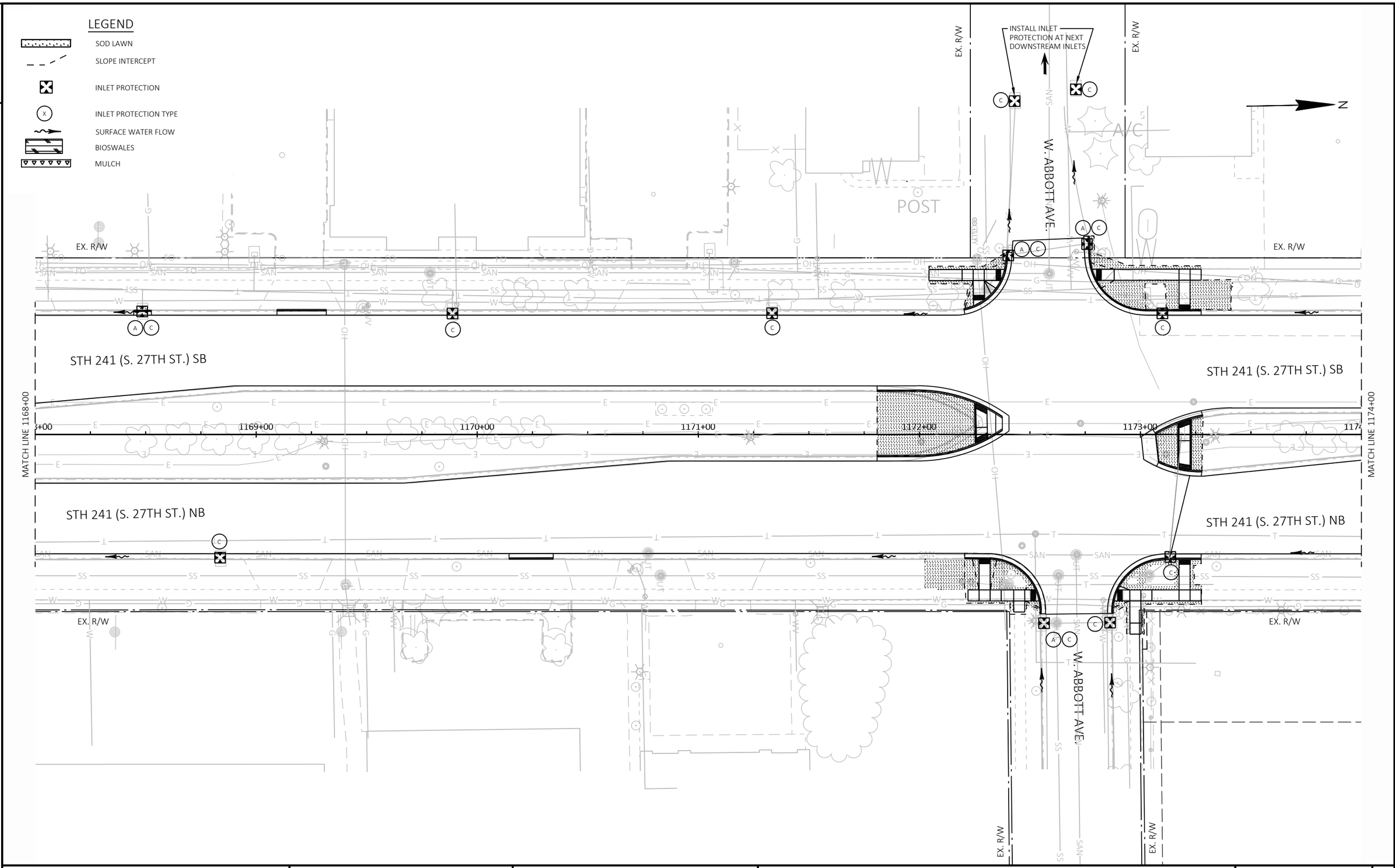
PLOT DATE : 11/20/2024 3:07 PM PLOT BY : STRASSER, JEFFREY PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- SOD LAWN
- SLOPE INTERCEPT
- INLET PROTECTION
- (X) INLET PROTECTION TYPE
- SURFACE WATER FLOW
- BIOSWALES
- MULCH



2

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	EROSION CONTROL	SHEET 125	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\022001_EC.DWG
LAYOUT NAME - 021212_pd

PLOT DATE : 11/20/2024 3:07 PM PLOT BY : STRASSER, JEFFREY PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

EX. R/W

EX. R/W

EX. R/W

EX. R/W

EX. R/W

W. EDGERTON AVE.

N

STH 241 (S. 27TH ST.) SB

STH 241 (S. 27TH ST.) SB

MATCH LINE 1174+00

1175+00

1176+00

1177+00

1178+00

1179+00

MATCH LINE 1180+00

STH 241 (S. 27TH ST.) NB

STH 241 (S. 27TH ST.) NB

EX. R/W

EX. R/W

EX. R/W

W. EDGERTON AVE.

INSTALL INLET PROTECTION AT NEXT DOWNSTREAM INLETS

EX. R/W

EX. R/W

POST

FLAG

LEGEND

- SOD LAWN
- SLOPE INTERCEPT
- INLET PROTECTION
- INLET PROTECTION TYPE
- SURFACE WATER FLOW
- BIOSWALES
- MULCH

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	EROSION CONTROL	SHEET 126	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\022001_EC.DWG
LAYOUT NAME - 021213_pd

PLOT DATE : 11/20/2024 3:07 PM PLOT BY : STRASSER, JEFFREY PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

2

LEGEND

- SOD LAWN
- SLOPE INTERCEPT
- INLET PROTECTION
- INLET PROTECTION TYPE (X)
- SURFACE WATER FLOW
- BIOSWALES
- MULCH

N

EX. R/W

TLE

POST

EX. R/W

STH 241 (S. 27TH ST.) SB

STH 241 (S. 27TH ST.) SB

MATCH LINE 1180+00

1181+00

1182+00

1183+00

1184+00

1185+00

MATCH LINE 1186+00

STH 241 (S. 27TH ST.) NB

STH 241 (S. 27TH ST.) NB

POST

EX. R/W

EX. R/W

FILLER CAP POST

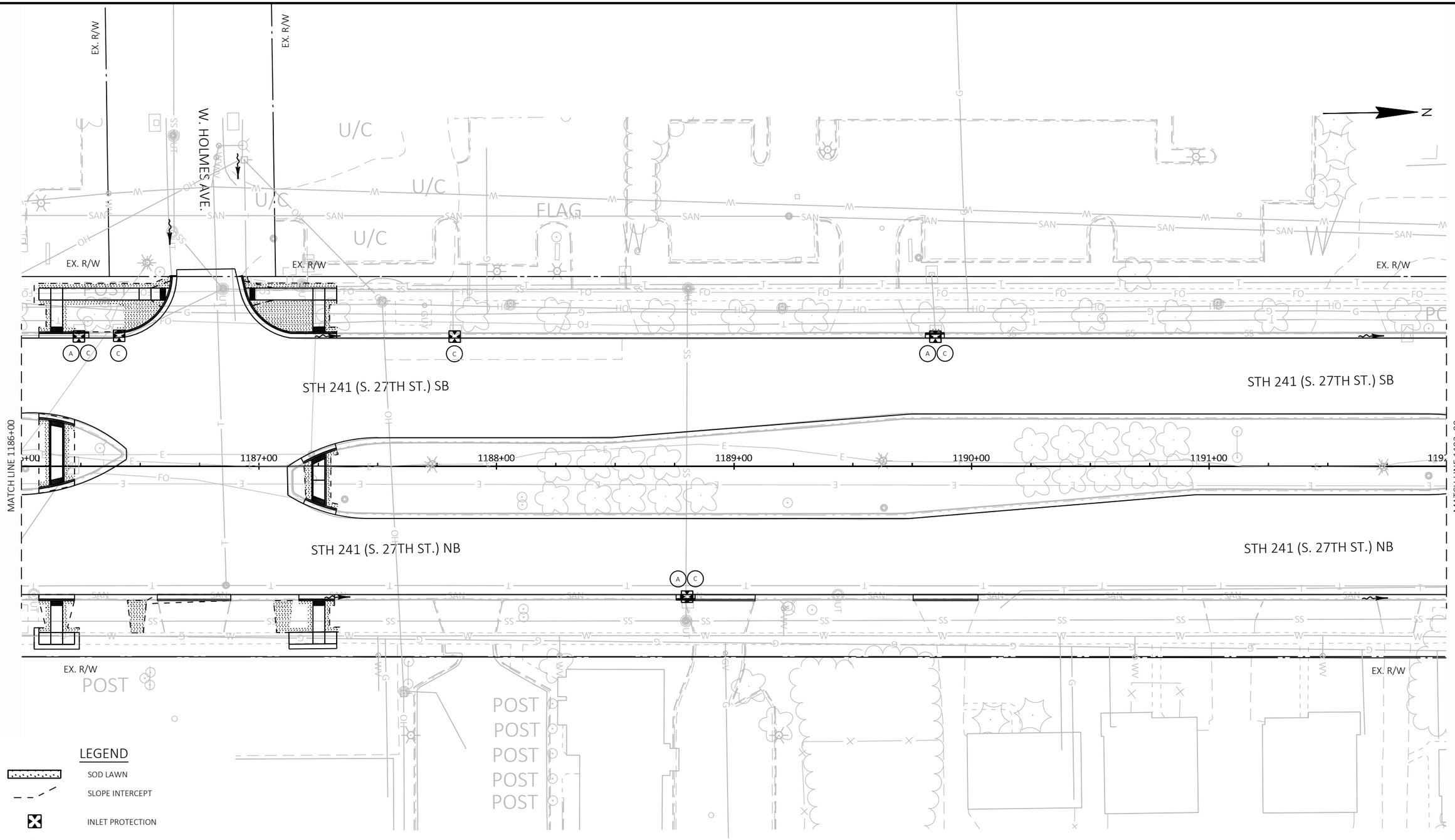
POST

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	EROSION CONTROL	SHEET 127	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\022001_EC.DWG
LAYOUT NAME - 021214_pd

PLOT DATE : 11/20/2024 3:07 PM PLOT BY : STRASSER, JEFFREY PLOT NAME : PLOT SCALE : 1 IN:40 FT

2



LEGEND

- SOD LAWN
- SLOPE INTERCEPT
- INLET PROTECTION
- (X) INLET PROTECTION TYPE
- SURFACE WATER FLOW
- BIOSWALES
- MULCH

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	EROSION CONTROL	SHEET 128	E

2

2

LEGEND

- SOD LAWN
- SLOPE INTERCEPT
- INLET PROTECTION
- INLET PROTECTION TYPE
- SURFACE WATER FLOW
- BIOSWALES
- MULCH

N

EX. R/W

EX. R/W

POST

POST

POST

POST

POST

STH 241 (S. 27TH ST.) SB

MATCH LINE 1192+00

MATCH LINE 1198+00

+00

1193+00

1194+00

1195+00

1196+00

1197+00

STH 241 (S. 27TH ST.) NB

W. CARPENTER AVE.

EX. R/W

EX. R/W

EX. R/W

EX. R/W

INSTALL INLET PROTECTION AT NEXT DOWNSTREAM INLETS

POST

POST

PLAYGROUND

FILLER

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	EROSION CONTROL	SHEET 129	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\022001_EC.DWG
LAYOUT NAME - 021216_pd

PLOT DATE : 11/20/2024 3:08 PM PLOT BY : STRASSER, JEFFREY PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- SOD LAWN
- SLOPE INTERCEPT
- INLET PROTECTION
- INLET PROTECTION TYPE (X)
- SURFACE WATER FLOW
- BIOSWALES
- MULCH

N

EX. R/W

TLE

STH 241 (S. 27TH ST.) SB

STH 241 (S. 27TH ST.) NB

MATCH LINE 11198+00

MATCH LINE 1204+00

1199+00

1200+00

1201+00

1202+00

1203+00

W. BARNARD AVE.

INSTALL INLET PROTECTION AT NEXT DOWNSTREAM INLETS

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	EROSION CONTROL	SHEET 130	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\022001_EC.DWG
LAYOUT NAME - 021217_pd
PLOT DATE : 11/20/2024 3:08 PM
PLOT BY : STRASSER, JEFFREY
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

LEGEND

- SOD LAWN
- SLOPE INTERCEPT
- INLET PROTECTION
- INLET PROTECTION TYPE
- SURFACE WATER FLOW
- BIOSWALES
- MULCH

N

W. LAYTON AVE.

EX. R/W

STH 241 (S. 27TH ST.) SB

STH 241 (S. 27TH ST.) NB

MATCH LINE 1204+00

1204+00

1205+00

1206+00

1207+00

1208+00

1209+00

1210+00

PI: 12+05.83 S64

FEE

TLE

POST

FLAG

INSTALL INLET PROTECTION AT NEXT DOWNSTREAM INLETS

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	EROSION CONTROL	SHEET 131	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\022001_EC.DWG
LAYOUT NAME - 021218_pd

PLOT DATE : 11/20/2024 3:08 PM PLOT BY : STRASSER, JEFFREY PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

LEGEND

- XXX — EXISTING STRUCTURE TO BE ADJUSTED
- XXX — REPLACE STRUCTURE
- XXX — EXISTING STRUCTURE TO BE RECONSTRUCTED
- XXX — REPLACE COVER
- BIOSWALES

N

WE ENERGIES GAS

EX. R/W

VERIZON

CITY OF OAK CREEK STREET LIGHTING

CITY OF GREENFIELD STREET LIGHTING

CITY OF OAK CREEK STREET LIGHTING

MIDWEST FIBER NETWORK

CITY OF MILWAUKEE WATER WORKS

SPECTRUM

EVERSTREAM

CITY OF GREENFIELD SEWER

VERIZON

EX. R/W

STH 241 (S. 27TH ST.) SB

1102+00 1103+00 1104+00 1105+00 1106+00 1107+00 1108

MATCH LINE 1108+00

MMSD

CITY OF OAK CREEK STREET LIGHTING

CITY OF OAK CREEK STREET LIGHTING

CITY OF GREENFIELD STREET LIGHTING

AT&T

STH 241 (S. 27TH ST.) NB

SEE CONSTRUCTION DETAIL BIO-SWALE #1 FOR MORE INFORMATION

CITY OF MILWAUKEE SEWER

EX. R/W

WE ENERGIES GAS

CITY OF MILWAUKEE WATER WORKS

101

AT&T

EX. R/W

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	STORM SEWER PLAN	SHEET 132	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\022501_SS.DWG
LAYOUT NAME - 021201_pd

PLOT DATE : 11/20/2024 3:08 PM PLOT BY : STRASSER, JEFFREY PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

2

LEGEND

XXX EXISTING STRUCTURE TO BE ADJUSTED

XXX REPLACE STRUCTURE

XXX EXISTING STRUCTURE TO BE RECONSTRUCTED

XXX REPLACE COVER

BIOSWALES

N

WE ENERGIES GAS

VERIZON

EX. R/W

EVERSTREAM

CITY OF MILWAUKEE WATER WORKS

CITY OF GREENFIELD SEWER

107

MIDWEST FIBER NETWORK

VERIZON

EX. R/W

STH 241 (S. 27TH ST.) SB

STH 241 (S. 27TH ST.) SB

MATCH LINE 1108+00

1109+00

1110+00

1111+00

1112+00

1113+00

MATCH LINE 1114+00

MMSD

CITY OF GREENFIELD STREET LIGHTING

STH 241 (S. 27TH ST.) NB

STH 241 (S. 27TH ST.) NB

104

CITY OF MILWAUKEE SEWER

AT&T

125

EX. R/W

102

WE ENERGIES GAS

CITY OF MILWAUKEE WATER WORKS

103

EX. R/W

CITY OF MILWAUKEE BES

AT&T

W. MANGOLD AVE.

W. KIMBERLY AVE.

CITY OF MILWAUKEE SEWER

EX. R/W

CITY OF MILWAUKEE SEWER

EX. R/W

EX. R/W

CITY OF MILWAUKEE SEWER

EX. R/W

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	STORM SEWER PLAN	SHEET 133	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\022501_SS.DWG
LAYOUT NAME - 021202_pd

PLOT DATE : 11/20/2024 3:08 PM PLOT BY : STRASSER, JEFFREY PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- XXX — EXISTING STRUCTURE TO BE ADJUSTED
- XXX — REPLACE STRUCTURE
- XXX — EXISTING STRUCTURE TO BE RECONSTRUCTED
- XXX — REPLACE COVER
- BIOSWALES

N

S. HONEYCREEK DR.

EX. R/W

EX. R/W

EX. R/W

EX. R/W

VERIZON

VERIZON

WE ENERGIES GAS

EVERSTREAM

CITY OF GREENFIELD SEWER

MIDWEST FIBER NETWORK

250

CITY OF GREENFIELD STREET LIGHTING

CITY OF MILWAUKEE WATER WORKS

CITY OF GREENFIELD SEWER

MIDWEST FIBER NETWORK

STH 241 (S. 27TH ST.) SB

STH 241 (S. 27TH ST.) SB

CITY OF GREENFIELD STREET LIGHTING

CITY OF GREENFIELD STREET LIGHTING

MATCH LINE 1114+00

1114+00

1115+00

1116+00

1117+00

1118+00

1119+00

1120

MATCH LINE 1120+00

MMSD

CITY OF GREENFIELD STREET LIGHTING

STH 241 (S. 27TH ST.) NB

STH 241 (S. 27TH ST.) NB

SEE CONSTRUCTION DETAIL BIO-SWALE #2 FOR MORE INFORMATION

AT&T

SEE CONSTRUCTION DETAIL BIO-SWALE #3 FOR MORE INFORMATION

403

SEE CONSTRUCTION DETAIL BIO-SWALE #4 FOR MORE INFORMATION

AT&T

EX. R/W

CITY OF MILWAUKEE SEWER

AT&T

WE ENERGIES GAS

CITY OF MILWAUKEE WATER WORKS

EX. R/W

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	STORM SEWER PLAN	SHEET 134	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\022501_SS.DWG
LAYOUT NAME - 021203_pd

PLOT DATE : 11/20/2024 3:08 PM PLOT BY : STRASSER, JEFFREY PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- XXX — EXISTING STRUCTURE TO BE ADJUSTED
- XXX — REPLACE STRUCTURE
- XXX — EXISTING STRUCTURE TO BE RECONSTRUCTED
- XXX — REPLACE COVER
- BIOSWALES

EX. R/W

WE ENERGIES GAS

VERIZON

CITY OF MILWAUKEE WATER WORKS

EVERSTREAM

VACUUM

VERIZON

EX. R/W

CITY OF GREENFIELD SEWER

601

MIDWEST FIBER NETWORK

STH 241 (S. 27TH ST.) SB

CITY OF GREENFIELD SEWER

CITY OF GREENFIELD STREET LIGHTING

MATCH LINE 1120+00

1120+00

1121+00

1122+00

1123+00

1124+00

1125+00

1126+00

MATCH LINE 1126+00

MMSD

MMSD

CITY OF GREENFIELD STREET LIGHTING

WISDOT TRAFFIC SIGNALS

SEE CONSTRUCTION DETAIL BIO-SWALE #5 FOR MORE INFORMATION

CITY OF MILWAUKEE SEWER

AT&T

STH 241 (S. 27TH ST.) NB

SEE CONSTRUCTION DETAIL BIO-SWALE #6 FOR MORE INFORMATION

WISDOT TRAFFIC SIGNALS

CITY OF MILWAUKEE SEWER

EX. R/W

CITY OF MILWAUKEE WATER WORKS

WE ENERGIES GAS

EX. R/W

116

EX. R/W

N

2

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	STORM SEWER PLAN	SHEET 135	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\022501_SS.DWG
LAYOUT NAME - 021204_pd

PLOT DATE : 11/20/2024 3:09 PM PLOT BY : STRASSER, JEFFREY PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- XXX — EXISTING STRUCTURE TO BE ADJUSTED
- XXX — REPLACE STRUCTURE
- XXX — EXISTING STRUCTURE TO BE RECONSTRUCTED
- XXX — REPLACE COVER
- BIOSWALES

N

W. RAMSEY AVE.

EX. R/W

CITY OF GREENFIELD SEWER

VERIZON

251

CITY OF GREENFIELD STREET LIGHTING

WISDOT TRAFFIC SIGNALS

CITY OF GREENFIELD SEWER

CITY OF MILWAUKEE WATER WORKS

EX. R/W

EVERSTREAM

WE ENERGIES GAS

CITY OF GREENFIELD SEWER

EX. R/W

VERIZON

CITY OF GREENFIELD SEWER

121

CITY OF GREENFIELD STREET LIGHTING

MIDWEST FIBER NETWORK

STH 241 (S. 27TH ST.) SB

STH 241 (S. 27TH ST.) SB

CITY OF GREENFIELD SEWER

MMSD

WISDOT TRAFFIC SIGNALS

CITY OF GREENFIELD STREET LIGHTING

CITY OF GREENFIELD STREET LIGHTING

122

MATCH LINE 1126+00

+00

1127+00

1128+00

1129+00

1130+00

1131+00

113

MATCH LINE 1132+00

MMSD

CITY OF GREENFIELD SEWER

252

WISDOT TRAFFIC SIGNALS

STH 241 (S. 27TH ST.) NB

STH 241 (S. 27TH ST.) NB

MMSD

404

405

CITY OF GREENFIELD SEWER

AT&T

5LF - 24" RCP CLASS III

5LF - 30" RCP CLASS III

127

130

9LF - 12" RCP CLASS III

WE ENERGIES GAS

128

EX. R/W

CITY OF MILWAUKEE WATER WORKS

EX. R/W

126

5LF - 36" RCP CLASS III

AT&T

132

AT&T

MSD

W. RAMSEY AVE.

CITY OF MILWAUKEE SEWER

W. GOLDCREST AVE.

EX. R/W

EX. R/W

EX. R/W

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	STORM SEWER PLAN	SHEET 136	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\022501_SS.DWG
LAYOUT NAME - 021205_pd
PLOT DATE : 11/20/2024 3:09 PM
PLOT BY : STRASSER, JEFFREY
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

2

LEGEND

XXX EXISTING STRUCTURE TO BE ADJUSTED

XXX REPLACE STRUCTURE

XXX EXISTING STRUCTURE TO BE RECONSTRUCTED

XXX REPLACE COVER

BIOSWALES

N

EX. R/W

VERIZON

MIDWEST FIBER NETWORK

EVERSTREAM

VERIZON

EX. R/W

CITY OF MILWAUKEE WATER WORKS

STH 241 (S. 27TH ST.) SB

MIDWEST FIBER NETWORK

CITY OF GREENFIELD STREET LIGHTING

MATCH LINE 1132+00

1133+00

1134+00

1135+00

1136+00

1137+00

MATCH LINE 1138+00

STH 241 (S. 27TH ST.) SB

CITY OF GREENFIELD STREET LIGHTING

AT&T

STH 241 (S. 27TH ST.) NB

STH 241 (S. 27TH ST.) NB

CITY OF MILWAUKEE SEWER

AT&T

AT&T

EX. R/W

WE ENERGIES GAS

CITY OF MILWAUKEE WATER WORKS

EX. R/W

U/C

U/C

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	STORM SEWER PLAN	SHEET 137	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\022501_SS.DWG
LAYOUT NAME - 021206_pd

PLOT DATE : 11/20/2024 3:09 PM PLOT BY : STRASSER, JEFFREY PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

LEGEND

- XXX — EXISTING STRUCTURE TO BE ADJUSTED
- XXX — REPLACE STRUCTURE
- XXX — EXISTING STRUCTURE TO BE RECONSTRUCTED
- XXX — REPLACE COVER
- BIOSWALES

N

EX. R/W

W. PARNELL AVE.

EX. R/W

CITY OF MILWAUKEE WATER WORKS

WISDOT TRAFFIC SIGNALS

137

MIDWEST FIBER NETWORK

EX. R/W

VERIZON

VERIZON

CITY OF MILWAUKEE WATER WORKS

EVERSTREAM

EX. R/W

VERIZON

MIDWEST FIBER NETWORK

STH 241 (S. 27TH ST.) SB

WISDOT TRAFFIC SIGNALS

STH 241 (S. 27TH ST.) SB

CITY OF MILWAUKEE CUC

MATCH LINE 1138+00

1139+00

1140+00

1141+00

1142+00

1143+00

MATCH LINE 1144+00

139

WISDOT TRAFFIC SIGNALS

WE ENERGIES GAS

CITY OF MILWAUKEE WATER WORKS

CITY OF GREENFIELD STREET LIGHTING

STH 241 (S. 27TH ST.) NB

WISDOT TRAFFIC SIGNALS

CITY OF MILWAUKEE SEWER

AT&T

STH 241 (S. 27TH ST.) NB

141

500

602

253

AT&T

226

EX. R/W

254

145

WISDOT TRAFFIC SIGNALS

AT&T

WE ENERGIES GAS

WE ENERGIES ELECTRIC

CITY OF MILWAUKEE WATER WORKS

EX. R/W

W. PARNELL AVE.

EX. R/W

EX. R/W

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	STORM SEWER PLAN	SHEET 138	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\022501_SS.DWG
LAYOUT NAME - 021207_pd

PLOT DATE : 11/20/2024 3:09 PM PLOT BY : STRASSER, JEFFREY PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

2

LEGEND

- XXX — EXISTING STRUCTURE TO BE ADJUSTED
- XXX — REPLACE STRUCTURE
- XXX — EXISTING STRUCTURE TO BE RECONSTRUCTED
- XXX — REPLACE COVER
- BIOSWALES

N

EX. R/W

VERIZON

MIDWEST FIBER NETWORK

603

EVERSTREAM

VERIZON

WE ENERGIES GAS

CITY OF MILWAUKEE WATER WORKS

CITY OF GREENFIELD SEWER

147

148

MIDWEST FIBER NETWORK

EX. R/W

STH 241 (S. 27TH ST.) SB

CITY OF GREENFIELD SEWER

255

CITY OF GREENFIELD STREET LIGHTING

MATCH LINE 1144+00

1144+00

1145+00

1146+00

1147+00

1148+00

1149+00

1150

MATCH LINE 1150+00

CITY OF GREENFIELD STREET LIGHTING

CITY OF MILWAUKEE CUC

CITY OF GREENFIELD STREET LIGHTING

STH 241 (S. 27TH ST.) NB

501

AT&T

CITY OF MILWAUKEE SEWER

CITY OF GREENFIELD SEWER

AT&T

EX. R/W

SPECTRUM

WE ENERGIES ELECTRIC

WE ENERGIES GAS

CITY OF MILWAUKEE WATER WORKS

EX. R/W

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	STORM SEWER PLAN	SHEET 139	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\022501_SS.DWG
LAYOUT NAME - 021208_pd

PLOT DATE : 11/20/2024 3:09 PM PLOT BY : STRASSER, JEFFREY PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

LEGEND

XXX EXISTING STRUCTURE TO BE ADJUSTED

XXX REPLACE STRUCTURE

XXX EXISTING STRUCTURE TO BE RECONSTRUCTED

XXX REPLACE COVER

BIOSWALES

EX. R/W

W. GRANGE AVE.

CITY OF GREENFIELD STREET LIGHTING

CITY OF GREENFIELD SEWER

WISDOT TRAFFIC SIGNALS

CITY OF GREENFIELD STREET LIGHTING

256

156

157

604

154

257

EVERSTREAM

151

MIDWEST FIBER NETWORK

CITY OF GREENFIELD STREET LIGHTING

AT&T

WISDOT TRAFFIC SIGNALS

TDS

CITY OF GREENFIELD STREET LIGHTING

CITY OF GREENFIELD STREET LIGHTING

WE ENERGIES GAS

CITY OF MILWAUKEE WATER WORKS

CITY OF GREENFIELD SEWER

MIDWEST FIBER NETWORK

STH 241 (S. 27TH ST.) SB

STH 241 (S. 27TH ST.) SB

MATCH LINE 1150+00

1151+00

1152+00

1153+00

1154+00

1155+00

MATCH LINE 1156+00

CITY OF MILWAUKEE CUC

CITY OF GREENFIELD STREET LIGHTING

WISDOT TRAFFIC SIGNALS

CITY OF GREENFIELD STREET LIGHTING

STH 241 (S. 27TH ST.) NB

STH 241 (S. 27TH ST.) NB

AT&T

412

150

AT&T

CITY OF GREENFIELD SEWER

162

AT&T

EX. R/W

EX. R/W

AT&T

WISDOT TRAFFIC SIGNALS

WE ENERGIES GAS

CITY OF MILWAUKEE WATER WORKS

EX. R/W

CITY OF GREENFIELD SEWER

EX. R/W

EX. R/W

W. GRANGE AVE.

231

775.34

N

2

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	STORM SEWER PLAN	SHEET 140	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\022501_SS.DWG
LAYOUT NAME - 021209_pd

PLOT DATE : 11/20/2024 3:09 PM PLOT BY : STRASSER, JEFFREY PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- XXX — EXISTING STRUCTURE TO BE ADJUSTED
- XXX — REPLACE STRUCTURE
- XXX — EXISTING STRUCTURE TO BE RECONSTRUCTED
- XXX — REPLACE COVER
- BIOSWALES

PIPE UNDERDRAIN WRAPPED 4-INCH
261 LF
SEE CONSTRUCTION DETAIL FOR
MORE INFORMATION

10LF - 12" RCP CLASS III @ 0.5%

2X2 - TYPE S COVER
STA 1157+92, 81.0' LT
RIM 770.96'
12" E IE. 767.42'

411A

411

2X2 - TYPE S COVER
STA 1158+02, 81.0' LT
RIM 770.89'
12" S IE. 767.37'
12" E IE. 764.39'

20LF - 12" RCP CLASS III @ 5.0%

411C

2X2 - TYPE S COVER
STA 1159+16, 81.0' LT
RIM 769.83'
12" E IE. 762.92'

20LF - 12" RCP
CLASS III @ 1.5%

EX. R/W

TLE

TLE

EX. R/W

W. MALLORY AVE.

EX. R/W

CITY OF
GREENFIELD
SEWER

CITY OF
MILWAUKEE
WATER WORKS

CITY OF
GREENFIELD
SEWER

EX. R/W

MIDWEST FIBER
NETWORK

CITY OF GREENFIELD
SEWER

MIDWEST FIBER
NETWORK

163

164

STH 241 (S. 27TH ST.) SB

4-FT DIA MANHOLE, TYPE J COVER
STA 1158+02, 61.6' LT
RIM 767.78'
12" W IE.763.42'
EXISTING 18" N IE.762.92'
EXISTING 18" S IE.762.92'

411B

EXISTING MH
STA 1158+02, 81.0' LT
12" W IE. 762.626'

165

506

413

258

STH 241 (S. 27TH ST.) SB

CITY OF
GREENFIELD
STREET
LIGHTING

CITY OF
GREENFIELD
SEWER

MATCH LINE 1156+00

1157+00

1158+00

1159+00

1160

1161+00

MATCH LINE 1162+00

CITY OF GREENFIELD
STREET LIGHTING

AT&T

CITY OF
GREENFIELD
STREET
LIGHTING

CITY OF
MILWAUKEE CUC

STH 241 (S. 27TH ST.) NB

CITY OF
GREENFIELD
SEWER

STH 241 (S. 27TH ST.) NB

170

171

CITY OF
GREENFIELD
SEWER

AT&T

EX. R/W

CITY OF
MILWAUKEE
WATER WORKS

WE ENERGIES
GAS

EX. R/W

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	STORM SEWER PLAN	SHEET 141	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\022501_SS.DWG
LAYOUT NAME - 021210_pd

PLOT DATE : 11/20/2024 3:09 PM PLOT BY : STRASSER, JEFFREY PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- XXX — EXISTING STRUCTURE TO BE ADJUSTED
- XXX — REPLACE STRUCTURE
- XXX — EXISTING STRUCTURE TO BE RECONSTRUCTED
- XXX — REPLACE COVER
- BIOSWALES

EX. R/W

CITY OF GREENFIELD SEWER

MIDWEST FIBER NETWORK

VERIZON

CITY OF MILWAUKEE WATER WORKS

CITY OF GREENFIELD STREET LIGHTING

502

177

259

W. UPHAM AVE.

SPECTRUM

CITY OF GREENFIELD SEWER

VERIZON

MIDWEST FIBER NETWORK

STH 241 (S. 27TH ST.) SB

STH 241 (S. 27TH ST.) SB

STH 241 (S. 27TH ST.) SB

MATCH LINE 1162+00

1163+00

1164+00

1165+00

1166+00

1167+00

MATCH LINE 1168+00

WE ENERGIES ELECTRIC

CITY OF GREENFIELD STREET LIGHTING

CITY OF MILWAUKEE CUC

AT&T

WE ENERGIES ELECTRIC

CITY OF GREENFIELD STREET LIGHTING

STH 241 (S. 27TH ST.) NB

STH 241 (S. 27TH ST.) NB

STH 241 (S. 27TH ST.) NB

CITY OF GREENFIELD SEWER

CITY OF MILWAUKEE SEWER

AT&T

176

AT&T

EX. R/W

AT&T

CITY OF MILWAUKEE WATER WORKS

WE ENERGIES GAS

EX. R/W

W. CLAYTON CREST AVE.

EX. R/W

EX. R/W

SUBSTATION

N

25L 769.44

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	STORM SEWER PLAN	SHEET 142	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\022501_SS.DWG
LAYOUT NAME - 021211_pd

PLOT DATE : 11/20/2024 3:09 PM PLOT BY : STRASSER, JEFFREY PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

LEGEND

XXX EXISTING STRUCTURE TO BE ADJUSTED

XXX REPLACE STRUCTURE

XXX EXISTING STRUCTURE TO BE RECONSTRUCTED

XXX REPLACE COVER

BIOSWALES

VERIZON

EX. R/W

SPECTRUM

607

CITY OF GREENFIELD SEWER

VERIZON

CITY OF MILWAUKEE WATER WORKS

MIDWEST FIBER NETWORK

STH 241 (S. 27TH ST.) SB

EX. R/W

507

CITY OF GREENFIELD SEWER

EX. R/W

W. ABBOTT AVE.

183

CITY OF GREENFIELD STREET LIGHTING

MIDWEST FIBER NETWORK

2X2.5 - TYPE X COVER
STA 1173+26, 6.8' RT
RIM 771.85'
12" E IE. 769.39'

STH 241 (S. 27TH ST.) SB

411D

MATCH LINE 1168+00

1169+00

1170+00

1171+00

1172+00

1173+00

MATCH LINE 1174+00

CITY OF GREENFIELD STREET LIGHTING

WE ENERGIES ELECTRIC

CITY OF MILWAUKEE CUC

PROPOSED SS INLET IN CLOSE PROXIMITY TO UNDERGROUND CONDUIT. FIELD SHIFT IF NECESSARY TO AVOID CONFLICT. FINAL SHIFTED LOCATION DETERMINED BY ENGINEER.

CITY OF GREENFIELD STREET LIGHTING

50LF - 12" RCP
CLASS III @ 5.3%

STH 241 (S. 27TH ST.) NB

AT&T

CITY OF MILWAUKEE SEWER

STH 241 (S. 27TH ST.) NB

AT&T

186

EX. R/W

CITY OF MILWAUKEE WATER WORKS

WE ENERGIES GAS

EXISTING INLET
STA 1173+13, 55.0' RT
12" W IE. 766.74'

EX. R/W

187

WE ENERGIES ELECTRIC

W. ABBOTT AVE.

AT&T

EX. R/W

EX. R/W

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	STORM SEWER PLAN	SHEET 143	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\022501_SS.DWG
LAYOUT NAME - 021212_pd

PLOT DATE : 11/20/2024 3:09 PM PLOT BY : STRASSER, JEFFREY PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- XXX — EXISTING STRUCTURE TO BE ADJUSTED
- XXX — REPLACE STRUCTURE
- XXX — EXISTING STRUCTURE TO BE RECONSTRUCTED
- XXX — REPLACE COVER
- BIOSWALES

EX. R/W
EX. R/W
CITY OF MILWAUKEE WATER WORKS
VERIZON
WISDOT TRAFFIC SIGNALS
EX. R/W
TLE
WE ENERGIES ELECTRIC
W. EDGERTON AVE.
CITY OF GREENFIELD SEWER
EX. R/W
N
VERIZON
WISDOT SIGNALS
EX. R/W
503
MIDWEST FIBER NETWORK
CITY OF GREENFIELD SEWER
MIDWEST FIBER NETWORK
STH 241 (S. 27TH ST.) SB
CITY OF GREENFIELD STREET LIGHTING
STH 241 (S. 27TH ST.) SB
CITY OF GREENFIELD STREET LIGHTING
260
MATCH LINE 1174+00
1175+00
1176+00
1177+00
1178+00
1179+00
MATCH LINE 1180+00
CITY OF MILWAUKEE CUC
CITY OF GREENFIELD STREET LIGHTING
WISDOT TRAFFIC SIGNALS
WE ENERGIES ELECTRIC
WE ENERGIES ELECTRIC
STH 241 (S. 27TH ST.) NB
STH 241 (S. 27TH ST.) NB
WISDOT TRAFFIC SIGNALS
AT&T
CITY OF MILWAUKEE SEWER
EX. R/W
WE ENERGIES GAS
CITY OF MILWAUKEE WATER WORKS
EX. R/W
WISDOT TRAFFIC SIGNALS
AT&T
EX. R/W
TLE
WISDOT TRAFFIC SIGNALS
WE ENERGIES ELECTRIC
W. EDGERTON AVE.
EX. R/W
EX. R/W

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	STORM SEWER PLAN	SHEET 144	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\022501_SS.DWG
LAYOUT NAME - 021213_pd
PLOT DATE : 11/20/2024 3:10 PM
PLOT BY : STRASSER, JEFFREY
PLOT NAME :
PLOT SCALE : 1 IN:40 FT

2

LEGEND

- XXX — EXISTING STRUCTURE TO BE ADJUSTED
- XXX — REPLACE STRUCTURE
- XXX — EXISTING STRUCTURE TO BE RECONSTRUCTED
- XXX — REPLACE COVER
- BIOSWALES

N

EX. R/W

VERIZON

CITY OF MILWAUKEE WATER WORKS

504

TLE

EX. R/W

VERIZON

CITY OF GREENFIELD STREET LIGHTING

MIDWEST FIBER NETWORK

STH 241 (S. 27TH ST.) SB

WISDOT TRAFFIC SIGNALS

CITY OF GREENFIELD SEWER

MIDWEST FIBER NETWORK

MIDWEST FIBER NETWORK

STH 241 (S. 27TH ST.) SB

CITY OF GREENFIELD STREET LIGHTING

MATCH LINE 1180+00

1181+00

1182+00

WE ENERGIES ELECTRIC

1183+00

1184+00

1185+00

MATCH LINE 1186+00

CITY OF GREENFIELD STREET LIGHTING

STH 241 (S. 27TH ST.) NB

CITY OF MILWAUKEE CUC

CITY OF GREENFIELD STREET LIGHTING

STH 241 (S. 27TH ST.) NB

200

AT&T

AT&T

CITY OF MILWAUKEE SEWER

EX. R/W

WISDOT TRAFFIC SIGNALS

CITY OF MILWAUKEE WATER WORKS

WE ENERGIES GAS

EX. R/W

VACUUM

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	STORM SEWER PLAN	SHEET 145	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\022501_SS.DWG
LAYOUT NAME - 021214_pd

PLOT DATE : 11/20/2024 3:10 PM PLOT BY : STRASSER, JEFFREY PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

LEGEND

- XXX — EXISTING STRUCTURE TO BE ADJUSTED
- XXX — REPLACE STRUCTURE
- XXX — EXISTING STRUCTURE TO BE RECONSTRUCTED
- XXX — REPLACE COVER
- BIOSWALES

N

EX. R/W

EX. R/W

W. HOLMES AVE.

CITY OF GREENFIELD SEWER

CITY OF MILWAUKEE WATER WORKS

SPECTRUM

WE ENERGIES ELECTRIC

SPECTRUM

204

EX. R/W

EX. R/W

VERIZON

VERIZON

MIDWEST FIBER NETWORK

208

608

CITY OF GREENFIELD STREET LIGHTING

AT&T

STH 241 (S. 27TH ST.) SB

STH 241 (S. 27TH ST.) SB

CITY OF GREENFIELD STREET LIGHTING

CITY OF GREENFIELD STREET LIGHTING

MATCH LINE 1186+00

1187+00

1188+00

1189+00

1190+00

1191+00

MATCH LINE 1192+00

WE ENERGIES ELECTRIC

CITY OF MILWAUKEE CUC

STH 241 (S. 27TH ST.) NB

STH 241 (S. 27TH ST.) NB

206

AT&T

CITY OF MILWAUKEE SEWER

EX. R/W

CITY OF MILWAUKEE WATER WORKS

WE ENERGIES GAS

EX. R/W

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	STORM SEWER PLAN	SHEET 146	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\022501_SS.DWG
LAYOUT NAME - 021215_pd

PLOT DATE : 11/20/2024 3:10 PM PLOT BY : STRASSER, JEFFREY PLOT NAME : PLOT SCALE : 1 IN:40 FT

LEGEND

- XXX — EXISTING STRUCTURE TO BE ADJUSTED
- XXX — REPLACE STRUCTURE
- XXX — EXISTING STRUCTURE TO BE RECONSTRUCTED
- XXX — REPLACE COVER
- BIOSWALES

CITY OF GREENFIELD SEWER
SPECTRUM
EX. R/W
VERIZON
AT&T
CITY OF MILWAUKEE WATER WORKS
MIDWEST FIBER NETWORK
SPECTRUM
EX. R/W
CITY OF GREENFIELD SEWER

STH 241 (S. 27TH ST.) SB

AT&T
CITY OF GREENFIELD STREET LIGHTING
MATCH LINE 1192+00
1193+00
1194+00
1195+00
1196+00
1197+00
MATCH LINE 1198+00
CITY OF MILWAUKEE CUC

STH 241 (S. 27TH ST.) NB

209
212
213
CITY OF MILWAUKEE SEWER
AT&T
EX. R/W
EX. R/W
AT&T
AT&T
W. CARPENTER AVE.
CITY OF MILWAUKEE WATER WORKS
WE ENERGIES GAS
EX. R/W
EX. R/W
EX. R/W
PLAYGROUND

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	STORM SEWER PLAN	SHEET 147	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\022501_SS.DWG
LAYOUT NAME - 021216_pd
PLOT DATE : 11/20/2024 3:10 PM
PLOT BY : STRASSER, JEFFREY
PLOT NAME :
PLOT SCALE : 1 IN:40 FT

2

2

LEGEND

XXX EXISTING STRUCTURE TO BE ADJUSTED

XXX REPLACE STRUCTURE

XXX EXISTING STRUCTURE TO BE RECONSTRUCTED

XXX REPLACE COVER

BIOSWALES

N

EX. R/W

TLE

MIDWEST FIBER NETWORK

CITY OF MILWAUKEE WATER WORKS

505

EX. R/W

VERIZON

STH 241 (S. 27TH ST.) SB

CITY OF GREENFIELD STREET LIGHTING

CITY OF GREENFIELD SEWER

STH 241 (S. 27TH ST.) SB

219

CITY OF GREENFIELD STREET LIGHTING

MATCH LINE 1198+00

1199+00

1200+00

1201+00

1202+00

1203+00

1204

MATCH LINE 1204+00

5LF - 12" RCP CLASS III

CITY OF MILWAUKEE CUC

STH 241 (S. 27TH ST.) NB

407

CITY OF MILWAUKEE WATER WORKS

AT&T

STH 241 (S. 27TH ST.) NB

CITY OF MILWAUKEE SEWER

WE ENERGIES GAS

EX. R/W

W. BARNARD AVE.

TLE

AT&T

EX. R/W

EX. R/W

EX. R/W

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	STORM SEWER PLAN	SHEET 148	E

2

2

LEGEND

- XXX — EXISTING STRUCTURE TO BE ADJUSTED
- XXX — REPLACE STRUCTURE
- XXX — EXISTING STRUCTURE TO BE RECONSTRUCTED
- XXX — REPLACE COVER
- BIOSWALES

N

MIDWEST FIBER NETWORK
LEVEL 3
W. LAYTON AVE.
CITY OF MILWAUKEE WATER WORKS
MILWAUKEE COUNTY DPW
CANOPY
AT&T
CITY OF GREENFIELD SEWER
CITY OF GREENFIELD STREET LIGHTING
LUMEN
SPECTRUM
5LF - 18" RCP CLASS III
5LF - 12" RCP CLASS III
EX. R/W
221
222
223
224
225
408
409
410
5LF - 12" RCP CLASS III
WISDOT TRAFFIC SIGNALS
STH 241 (S. 27TH ST.) SB
STH 241 (S. 27TH ST.) NB
MMSD
VERIZON
WE ENERGIES GAS
TLE
FEE
MATCH LINE 1204+00
1204+00
1205+00
1206+00
1207+00
1208+00
1209+00
1210+00

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	STORM SEWER PLAN	SHEET 149	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\022501_SS.DWG
LAYOUT NAME - 021218_pd

PLOT DATE : 11/20/2024 3:10 PM PLOT BY : STRASSER, JEFFREY PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

LEGEND

- XXX — ADJUST SANITARY SEWER MANHOLE
- XXX — ADJUST PULL BOXES
- XXX — ADJUST CUC MANHOLE COVER
- XXX — ADJUSTING WATER VALVE BOXES

N

WE ENERGIES GAS

EX. R/W

VERIZON

CITY OF OAK CREEK STREET LIGHTING

CITY OF GREENFIELD STREET LIGHTING

CITY OF OAK CREEK STREET LIGHTING

MIDWEST FIBER NETWORK

CITY OF MILWAUKEE WATER WORKS

SPECTRUM

EVERSTREAM

CITY OF GREENFIELD SEWER

VERIZON

EX. R/W

STH 241 (S. 27TH ST.) SB

1102+00 1103+00 1104+00 1105+00 1106+00 1107+00 1108

MATCH LINE 1108+00

MMSD

CITY OF OAK CREEK STREET LIGHTING

CITY OF OAK CREEK STREET LIGHTING

CITY OF GREENFIELD STREET LIGHTING

AT&T

STH 241 (S. 27TH ST.) NB

1

CITY OF MILWAUKEE SEWER

EX. R/W

WE ENERGIES GAS

CITY OF MILWAUKEE WATER WORKS

AT&T

EX. R/W

4

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	UTILITY PLAN	SHEET 150	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\023001_UP.DWG
LAYOUT NAME - 021201_pd

PLOT DATE : 11/20/2024 3:11 PM PLOT BY : STRASSER, JEFFREY PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

2

LEGEND

- XXX — ADJUST SANITARY SEWER MANHOLE
- XXX — ADJUST PULL BOXES
- XXX — ADJUST CUC MANHOLE COVER
- XXX — ADJUSTING WATER VALVE BOXES

N

WE ENERGIES GAS

VERIZON

EX. R/W

EVERSTREAM

VERIZON

EX. R/W

153

CITY OF MILWAUKEE WATER WORKS

CITY OF GREENFIELD SEWER

MIDWEST FIBER NETWORK

STH 241 (S. 27TH ST.) SB

STH 241 (S. 27TH ST.) SB

MATCH LINE 1108+00

1109+00

1110+00

1111+00

1112+00

1113+00

MATCH LINE 1114+00

1

MMSD

CITY OF GREENFIELD STREET LIGHTING

2

STH 241 (S. 27TH ST.) NB

CITY OF MILWAUKEE SEWER

AT&T

135

3

STH 241 (S. 27TH ST.) NB

5

EX. R/W

WE ENERGIES GAS

CITY OF MILWAUKEE WATER WORKS

6

AT&T

W. KIMBERLY AVE.

CITY OF MILWAUKEE BES

AT&T

W. MANGOLD AVE.

CITY OF MILWAUKEE SEWER

EX. R/W

CITY OF MILWAUKEE SEWER

EX. R/W

EX. R/W

CITY OF MILWAUKEE SEWER

EX. R/W

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	UTILITY PLAN	SHEET 151	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\023001_UP.DWG
LAYOUT NAME - 021202_pd

PLOT DATE : 11/20/2024 3:11 PM PLOT BY : STRASSER, JEFFREY PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- XXX — ADJUST SANITARY SEWER MANHOLE
- XXX — ADJUST PULL BOXES
- XXX — ADJUST CUC MANHOLE COVER
- XXX — ADJUSTING WATER VALVE BOXES

N

S. HONEYCREEK DR.

EX. R/W

148

VERIZON

CITY OF GREENFIELD SEWER

MIDWEST FIBER NETWORK

STH 241 (S. 27TH ST.) SB

39

CITY OF GREENFIELD STREET LIGHTING

CITY OF MILWAUKEE WATER WORKS

WE ENERGIES GAS

EVERSTREAM

MATCH LINE 1114+00

1115+00

1116+00

1117+00

1118+00

1119+00

MATCH LINE 1120+00

MMSD

STH 241 (S. 27TH ST.) NB

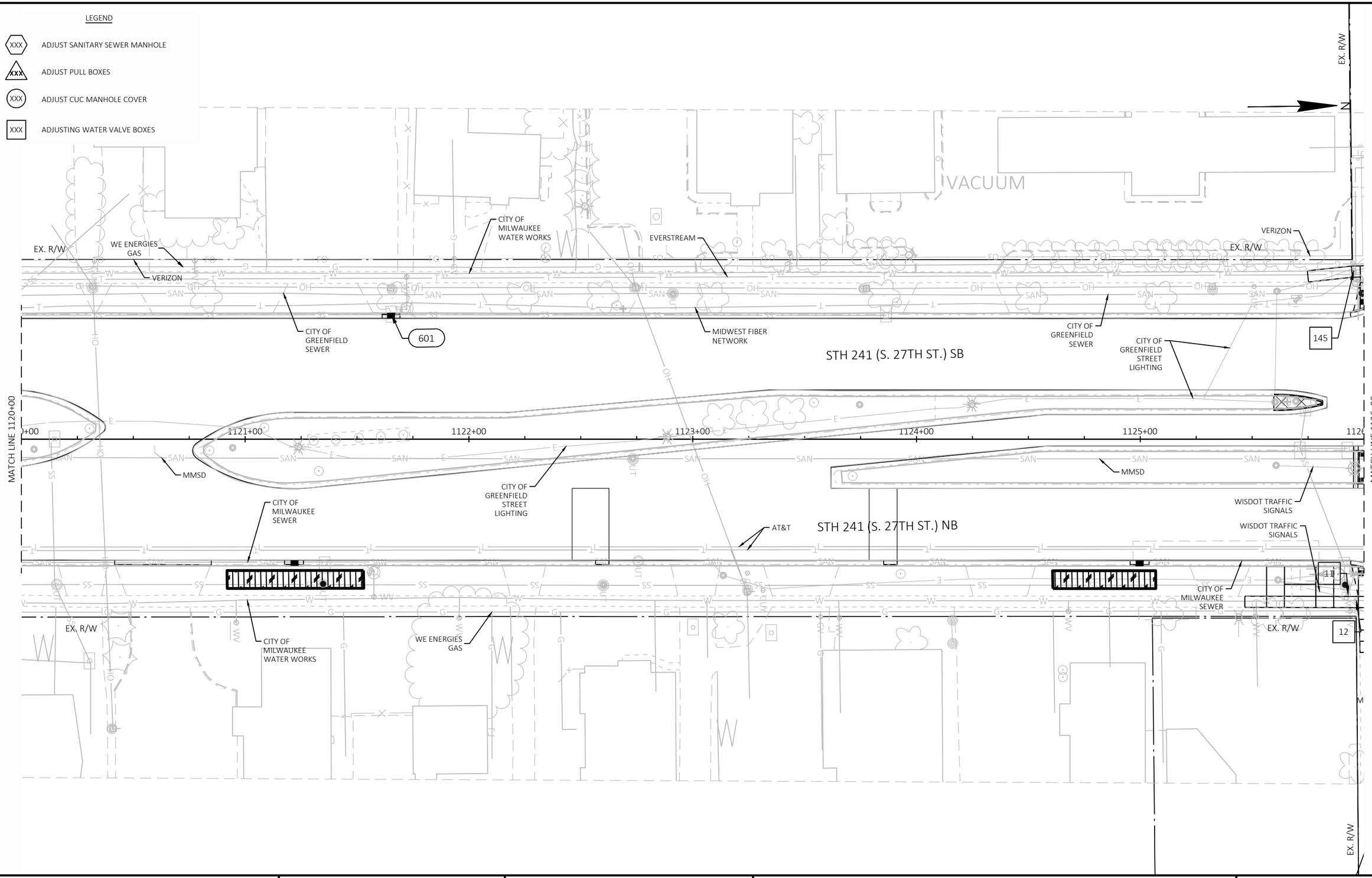
AT&T

CITY OF MILWAUKEE SEWER

2

LEGEND

- XXX — ADJUST SANITARY SEWER MANHOLE
- XXX — ADJUST PULL BOXES
- XXX — ADJUST CUC MANHOLE COVER
- XXX — ADJUSTING WATER VALVE BOXES



PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	UTILITY PLAN	SHEET 153	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\023001_UP.DWG
LAYOUT NAME - 021204_pd

PLOT DATE : 11/20/2024 3:11 PM PLOT BY : STRASSER, JEFFREY PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

2

LEGEND

XXX ADJUST SANITARY SEWER MANHOLE

XXX ADJUST PULL BOXES

XXX ADJUST CUC MANHOLE COVER

XXX ADJUSTING WATER VALVE BOXES

N

W. RAMSEY AVE.

EX. R/W

CITY OF GREENFIELD SEWER

143

VERIZON

142

CITY OF GREENFIELD STREET LIGHTING

WISDOT TRAFFIC SIGNALS

CITY OF GREENFIELD SEWER

CITY OF MILWAUKEE WATER WORKS

EX. R/W

EVERSTREAM

WE ENERGIES GAS

CITY OF GREENFIELD SEWER

EX. R/W

144

CITY OF GREENFIELD SEWER

141

CITY OF GREENFIELD STREET LIGHTING

MIDWEST FIBER NETWORK

VERIZON

STH 241 (S. 27TH ST.) SB

CITY OF GREENFIELD SEWER

MMSD

CITY OF GREENFIELD STREET LIGHTING

WISDOT TRAFFIC SIGNALS

139

STH 241 (S. 27TH ST.) SB

CITY OF GREENFIELD STREET LIGHTING

MATCH LINE 1126+00

+00

1127+00

1128+00

1129+00

1130+00

1131+00

113

MATCH LINE 1132+00

2

MMSD

38

MMSD

4

CITY OF GREENFIELD SEWER

WISDOT TRAFFIC SIGNALS

CITY OF GREENFIELD SEWER

AT&T

STH 241 (S. 27TH ST.) NB

5

STH 241 (S. 27TH ST.) NB

15

13

14

WE ENERGIES GAS

EX. R/W

CITY OF MILWAUKEE WATER WORKS

16

17

18

EX. R/W

AT&T

MSD

W. RAMSEY AVE.

AT&T

CITY OF MILWAUKEE SEWER

W. GOLDCREST AVE.

AT&T

EX. R/W

EX. R/W

EX. R/W

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	UTILITY PLAN	SHEET 154	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\023001_UP.DWG
LAYOUT NAME - 021205_pd

PLOT DATE : 11/20/2024 3:11 PM PLOT BY : STRASSER, JEFFREY PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

2

LEGEND

- XXX — ADJUST SANITARY SEWER MANHOLE
- XXX — ADJUST PULL BOXES
- XXX — ADJUST CUC MANHOLE COVER
- XXX — ADJUSTING WATER VALVE BOXES

N

EX. R/W

VERIZON

MIDWEST FIBER NETWORK

EVERSTREAM

VERIZON

EX. R/W

CITY OF MILWAUKEE WATER WORKS

STH 241 (S. 27TH ST.) SB

MIDWEST FIBER NETWORK

CITY OF GREENFIELD STREET LIGHTING

MATCH LINE 1132+00

1133+00

1134+00

1135+00

1136+00

1137+00

MATCH LINE 1138+00

STH 241 (S. 27TH ST.) SB

CITY OF GREENFIELD STREET LIGHTING

AT&T

STH 241 (S. 27TH ST.) NB

CITY OF MILWAUKEE SEWER

AT&T

STH 241 (S. 27TH ST.) NB

EX. R/W

AT&T

WE ENERGIES GAS

CITY OF MILWAUKEE WATER WORKS

EX. R/W

U/C

U/C

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	UTILITY PLAN	SHEET 155	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\023001_UP.DWG
LAYOUT NAME - 021206_pd

PLOT DATE : 11/20/2024 3:11 PM PLOT BY : STRASSER, JEFFREY PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- XXX — ADJUST SANITARY SEWER MANHOLE
- XXX — ADJUST PULL BOXES
- XXX — ADJUST CUC MANHOLE COVER
- XXX — ADJUSTING WATER VALVE BOXES

EX. R/W
W. PARNELL AVE.
EX. R/W
132
133
CITY OF MILWAUKEE WATER WORKS
WISDOT TRAFFIC SIGNALS
N
MIDWEST FIBER NETWORK
EX. R/W
VERIZON
VERIZON
CITY OF MILWAUKEE WATER WORKS
EVERSTREAM
MIDWEST FIBER NETWORK
EX. R/W
VERIZON
135
STH 241 (S. 27TH ST.) SB
1
WISDOT TRAFFIC SIGNALS
STH 241 (S. 27TH ST.) SB
CITY OF MILWAUKEE CUC
MATCH LINE 1138+00
1139+00
1140+00
1141+00
1142+00
1143+00
MATCH LINE 1144+00
WISDOT TRAFFIC SIGNALS
WE ENERGIES GAS
CITY OF MILWAUKEE WATER WORKS
CITY OF GREENFIELD STREET LIGHTING
STH 241 (S. 27TH ST.) NB
7
14
6
25
WISDOT TRAFFIC SIGNALS
CITY OF MILWAUKEE SEWER
AT&T
AT&T
EX. R/W
26
WE ENERGIES GAS
WE ENERGIES ELECTRIC
CITY OF MILWAUKEE WATER WORKS
EX. R/W
WISDOT TRAFFIC SIGNALS
AT&T
EX. R/W
W. PARNELL AVE.
EX. R/W

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	UTILITY PLAN	SHEET 156	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\023001_UP.DWG
LAYOUT NAME - 021207_pd

PLOT DATE : 11/20/2024 3:11 PM PLOT BY : STRASSER, JEFFREY PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

2

LEGEND

- XXX — ADJUST SANITARY SEWER MANHOLE
- XXX — ADJUST PULL BOXES
- XXX — ADJUST CUC MANHOLE COVER
- XXX — ADJUSTING WATER VALVE BOXES

N

EX. R/W

VERIZON

MIDWEST FIBER NETWORK

EVERSTREAM

VERIZON

WE ENERGIES GAS

CITY OF MILWAUKEE WATER WORKS

CITY OF GREENFIELD SEWER

MIDWEST FIBER NETWORK

EX. R/W

CITY OF GREENFIELD SEWER

STH 241 (S. 27TH ST.) SB

MATCH LINE 1144+00

CITY OF GREENFIELD STREET LIGHTING

1144+00

1145+00

1146+00

1147+00

1148+00

1149+00

CITY OF GREENFIELD STREET LIGHTING

MATCH LINE 1150+00

CITY OF MILWAUKEE CUC

CITY OF GREENFIELD STREET LIGHTING

8

9

STH 241 (S. 27TH ST.) NB

AT&T

CITY OF MILWAUKEE SEWER

CITY OF GREENFIELD SEWER

AT&T

EX. R/W

SPECTRUM

WE ENERGIES ELECTRIC

WE ENERGIES GAS

CITY OF MILWAUKEE WATER WORKS

EX. R/W

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	UTILITY PLAN	SHEET 157	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\023001_UP.DWG
LAYOUT NAME - 021208_pd

PLOT DATE : 11/20/2024 3:11 PM PLOT BY : STRASSER, JEFFREY PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

2

LEGEND

- XXX — ADJUST SANITARY SEWER MANHOLE
- XXX — ADJUST PULL BOXES
- XXX — ADJUST CUC MANHOLE COVER
- XXX — ADJUSTING WATER VALVE BOXES

N

EX. R/W

W. GRANGE AVE.

EVERSTREAM

CITY OF GREENFIELD STREET LIGHTING

CITY OF GREENFIELD SEWER

WISDOT TRAFFIC SIGNALS

CITY OF GREENFIELD STREET LIGHTING

WE ENERGIES GAS

CITY OF MILWAUKEE WATER WORKS

MIDWEST FIBER NETWORK

CITY OF GREENFIELD STREET LIGHTING

AT&T

TDS

CITY OF GREENFIELD SEWER

MIDWEST FIBER NETWORK

STH 241 (S. 27TH ST.) SB

STH 241 (S. 27TH ST.) SB

CITY OF GREENFIELD STREET LIGHTING

CITY OF MILWAUKEE CUC

MATCH LINE 1150+00

1150+00

1151+00

1152+00

1153+00

1154+00

1155+00

MATCH LINE 1156+00

WISDOT TRAFFIC SIGNALS

CITY OF GREENFIELD STREET LIGHTING

STH 241 (S. 27TH ST.) NB

STH 241 (S. 27TH ST.) NB

AT&T

AT&T

CITY OF GREENFIELD SEWER

AT&T

EX. R/W

WE ENERGIES GAS

CITY OF MILWAUKEE WATER WORKS

EX. R/W

WISDOT TRAFFIC SIGNALS

W. GRANGE AVE.

CITY OF GREENFIELD SEWER

EX. R/W

EX. R/W

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	UTILITY PLAN	SHEET 158	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\023001_UP.DWG
LAYOUT NAME - 021209_pd

PLOT DATE : 11/20/2024 3:11 PM PLOT BY : STRASSER, JEFFREY PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- XXX — ADJUST SANITARY SEWER MANHOLE
- XXX — ADJUST PULL BOXES
- XXX — ADJUST CUC MANHOLE COVER
- XXX — ADJUSTING WATER VALVE BOXES

EX. R/W

TLE

TLE

EX. R/W

MIDWEST FIBER NETWORK

CITY OF GREENFIELD SEWER

3

W. MALLORY AVE.

EX. R/W

CITY OF GREENFIELD SEWER

120

119

35

CITY OF MILWAUKEE WATER WORKS

CITY OF GREENFIELD SEWER

MIDWEST FIBER NETWORK

EX. R/W

STH 241 (S. 27TH ST.) SB

STH 241 (S. 27TH ST.) SB

MATCH LINE 1156+00

1156+00

1157+00

1158+00

1159+00

1160

1161+00

1162+00

MATCH LINE 1162+00

CITY OF GREENFIELD STREET LIGHTING

CITY OF GREENFIELD STREET LIGHTING

CITY OF GREENFIELD STREET LIGHTING

CITY OF GREENFIELD SEWER

CITY OF MILWAUKEE CUC

3

AT&T

14

15

CITY OF GREENFIELD SEWER

STH 241 (S. 27TH ST.) NB

STH 241 (S. 27TH ST.) NB

CITY OF GREENFIELD SEWER

AT&T

AT&T

EX. R/W

CITY OF MILWAUKEE WATER WORKS

WE ENERGIES GAS

EX. R/W

N

2

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	UTILITY PLAN	SHEET 159	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\023001_UP.DWG
LAYOUT NAME - 021210_pd

PLOT DATE : 11/20/2024 3:12 PM PLOT BY : STRASSER, JEFFREY PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

LEGEND

- XXX — ADJUST SANITARY SEWER MANHOLE
- XXX — ADJUST PULL BOXES
- XXX — ADJUST CUC MANHOLE COVER
- XXX — ADJUSTING WATER VALVE BOXES

EX. R/W

EX. R/W

W. UPHAM AVE.

N

EX. R/W

CITY OF GREENFIELD SEWER

MIDWEST FIBER NETWORK

SPECTRUM

CITY OF GREENFIELD SEWER

VERIZON

EX. R/W

MIDWEST FIBER NETWORK

VERIZON

CITY OF MILWAUKEE WATER WORKS

CITY OF GREENFIELD STREET LIGHTING

117

STH 241 (S. 27TH ST.) SB

STH 241 (S. 27TH ST.) SB

STH 241 (S. 27TH ST.) SB

WE ENERGIES ELECTRIC

MATCH LINE 1162+00

1163+00

1164+00

1165+00

1166+00

1167+00

MATCH LINE 1168+00

4

4

WE ENERGIES ELECTRIC

CITY OF GREENFIELD STREET LIGHTING

CITY OF MILWAUKEE CUC

AT&T

WE ENERGIES ELECTRIC

CITY OF GREENFIELD STREET LIGHTING

STH 241 (S. 27TH ST.) NB

STH 241 (S. 27TH ST.) NB

STH 241 (S. 27TH ST.) NB

16

CITY OF GREENFIELD SEWER

CITY OF MILWAUKEE SEWER

AT&T

AT&T

43

44

45

EX. R/W

AT&T

CITY OF MILWAUKEE WATER WORKS

WE ENERGIES GAS

EX. R/W

W. CLAYTON CREST AVE.

EX. R/W

EX. R/W

SUBSTATION

25L 769.44

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	UTILITY PLAN	SHEET 160	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\023001_UP.DWG
LAYOUT NAME - 021211_pd

PLOT DATE : 11/20/2024 3:12 PM PLOT BY : STRASSER, JEFFREY PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- XXX — ADJUST SANITARY SEWER MANHOLE
- XXX — ADJUST PULL BOXES
- XXX — ADJUST CUC MANHOLE COVER
- XXX — ADJUSTING WATER VALVE BOXES

VERIZON
EX. R/W
SPECTRUM
CITY OF GREENFIELD SEWER
VERIZON
CITY OF MILWAUKEE WATER WORKS
MIDWEST FIBER NETWORK
EX. R/W
CITY OF GREENFIELD SEWER
EX. R/W
W. ABBOTT AVE.
112
111
CITY OF GREENFIELD STREET LIGHTING
MIDWEST FIBER NETWORK
STH 241 (S. 27TH ST.) SB
STH 241 (S. 27TH ST.) SB
MATCH LINE 1168+00
1169+00
1170+00
1171+00
1172+00
1173+00
MATCH LINE 1174+00
CITY OF GREENFIELD STREET LIGHTING
CITY OF MILWAUKEE CUC
WE ENERGIES ELECTRIC
CITY OF GREENFIELD STREET LIGHTING
STH 241 (S. 27TH ST.) NB
STH 241 (S. 27TH ST.) NB
AT&T
17
CITY OF MILWAUKEE SEWER
18
AT&T
52
54
53
EX. R/W
CITY OF MILWAUKEE WATER WORKS
WE ENERGIES GAS
EX. R/W
WE ENERGIES ELECTRIC
W. ABBOTT AVE.
AT&T
EX. R/W
EX. R/W

2

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	UTILITY PLAN	SHEET 161	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\023001_UP.DWG
LAYOUT NAME - 021212_pd
PLOT DATE : 11/20/2024 3:12 PM
PLOT BY : STRASSER, JEFFREY
PLOT NAME :
PLOT SCALE : 1 IN:40 FT

2

LEGEND

- XXX — ADJUST SANITARY SEWER MANHOLE
- XXX — ADJUST PULL BOXES
- XXX — ADJUST CUC MANHOLE COVER
- XXX — ADJUSTING WATER VALVE BOXES

EX. R/W
EX. R/W
CITY OF MILWAUKEE WATER WORKS
VERIZON
WISDOT TRAFFIC SIGNALS
EX. R/W
TLE
WE ENERGIES ELECTRIC
W. EDGERTON AVE.
CITY OF GREENFIELD SEWER
EX. R/W
N
VERIZON
WISDOT SIGNALS
110
EX. R/W
MIDWEST FIBER NETWORK
STH 241 (S. 27TH ST.) SB
33
CITY OF GREENFIELD SEWER
32
MIDWEST FIBER NETWORK
CITY OF GREENFIELD STREET LIGHTING
STH 241 (S. 27TH ST.) SB
CITY OF GREENFIELD STREET LIGHTING
31
MATCH LINE 1174+00
1175+00
1176+00
1177+00
1178+00
1179+00
MATCH LINE 1180+00
CITY OF MILWAUKEE CUC
CITY OF GREENFIELD STREET LIGHTING
WISDOT TRAFFIC SIGNALS
WE ENERGIES ELECTRIC
WE ENERGIES ELECTRIC
5
20
WISDOT TRAFFIC SIGNALS
STH 241 (S. 27TH ST.) NB
19
AT&T
CITY OF MILWAUKEE SEWER
55
56
57
58
60
61
59
EX. R/W
WE ENERGIES GAS
CITY OF MILWAUKEE WATER WORKS
EX. R/W
WISDOT TRAFFIC SIGNALS
AT&T
TLE
EX. R/W
WISDOT TRAFFIC SIGNALS
WE ENERGIES ELECTRIC
W. EDGERTON AVE.
EX. R/W
EX. R/W

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	UTILITY PLAN	SHEET 162	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\023001_UP.DWG
LAYOUT NAME - 021213_pd
PLOT DATE : 11/20/2024 3:12 PM
PLOT BY : STRASSER, JEFFREY
PLOT NAME :
PLOT SCALE : 1 IN:40 FT

2

LEGEND

- XXX — ADJUST SANITARY SEWER MANHOLE
- XXX — ADJUST PULL BOXES
- XXX — ADJUST CUC MANHOLE COVER
- XXX — ADJUSTING WATER VALVE BOXES

N

TRAFFIC

EX. R/W

VERIZON

CITY OF MILWAUKEE WATER WORKS

TLE

EX. R/W

VERIZON

CITY OF GREENFIELD STREET LIGHTING

MIDWEST FIBER NETWORK

STH 241 (S. 27TH ST.) SB

30

WISDOT TRAFFIC SIGNALS

CITY OF GREENFIELD SEWER

MIDWEST FIBER NETWORK

STH 241 (S. 27TH ST.) SB

29

MIDWEST FIBER NETWORK

CITY OF GREENFIELD STREET LIGHTING

MATCH LINE 1180+00

1181+00

1182+00

WE ENERGIES ELECTRIC

1183+00

1184+00

1185+00

MATCH LINE 1186+00

CITY OF GREENFIELD STREET LIGHTING

STH 241 (S. 27TH ST.) NB

CITY OF MILWAUKEE CUC

CITY OF GREENFIELD STREET LIGHTING

STH 241 (S. 27TH ST.) NB

AT&T

AT&T

CITY OF MILWAUKEE SEWER

EX. R/W

WISDOT TRAFFIC SIGNALS

CITY OF MILWAUKEE WATER WORKS

WE ENERGIES GAS

EX. R/W

VACUUM

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	UTILITY PLAN	SHEET 163	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\023001_UP.DWG
LAYOUT NAME - 021214_pd

PLOT DATE : 11/20/2024 3:12 PM PLOT BY : STRASSER, JEFFREY PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

LEGEND

- XXX — ADJUST SANITARY SEWER MANHOLE
- XXX — ADJUST PULL BOXES
- XXX — ADJUST CUC MANHOLE COVER
- XXX — ADJUSTING WATER VALVE BOXES

N

W. HOLMES AVE.

EX. R/W

EX. R/W

CITY OF GREENFIELD SEWER

CITY OF MILWAUKEE WATER WORKS

SPECTRUM

WE ENERGIES ELECTRIC

SPECTRUM

EX. R/W

EX. R/W

VERIZON

VERIZON

EX. R/W

MIDWEST FIBER NETWORK

STH 241 (S. 27TH ST.) SB

STH 241 (S. 27TH ST.) SB

CITY OF GREENFIELD STREET LIGHTING

AT&T

CITY OF GREENFIELD STREET LIGHTING

CITY OF GREENFIELD STREET LIGHTING

MATCH LINE 1186+00

+00

1187+00

1188+00

1189+00

1190+00

1191+00

119

MATCH LINE 1192+00

WE ENERGIES ELECTRIC

CITY OF MILWAUKEE CUC

STH 241 (S. 27TH ST.) NB

STH 241 (S. 27TH ST.) NB

AT&T

CITY OF MILWAUKEE SEWER

EX. R/W

CITY OF MILWAUKEE WATER WORKS

WE ENERGIES GAS

EX. R/W

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	UTILITY PLAN	SHEET 164	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\023001_UP.DWG
LAYOUT NAME - 021215_pd

PLOT DATE : 11/20/2024 3:12 PM PLOT BY : STRASSER, JEFFREY PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

LEGEND

- XXX — ADJUST SANITARY SEWER MANHOLE
- XXX — ADJUST PULL BOXES
- XXX — ADJUST CUC MANHOLE COVER
- XXX — ADJUSTING WATER VALVE BOXES

N

CITY OF GREENFIELD SEWER

SPECTRUM

AT&T

EX. R/W

VERIZON

206

CITY OF MILWAUKEE WATER WORKS

MIDWEST FIBER NETWORK

SPECTRUM

EX. R/W

28

CITY OF GREENFIELD SEWER

27

STH 241 (S. 27TH ST.) SB

AT&T

CITY OF GREENFIELD STREET LIGHTING

MATCH LINE 1192+00

1193+00

1194+00

1195+00

1196+00

1197+00

MATCH LINE 1198+00

CITY OF MILWAUKEE CUC

21

STH 241 (S. 27TH ST.) NB

CITY OF MILWAUKEE SEWER

AT&T

69

70

EX. R/W

EX. R/W

AT&T

CITY OF MILWAUKEE WATER WORKS

WE ENERGIES GAS

EX. R/W

AT&T

W. CARPENTER AVE.

PLAYGROUND

EX. R/W

EX. R/W

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	UTILITY PLAN	SHEET 165	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\023001_UP.DWG
LAYOUT NAME - 021216_pd

PLOT DATE : 11/20/2024 3:12 PM PLOT BY : STRASSER, JEFFREY PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

LEGEND

- XXX — ADJUST SANITARY SEWER MANHOLE
- XXX — ADJUST PULL BOXES
- XXX — ADJUST CUC MANHOLE COVER
- XXX — ADJUSTING WATER VALVE BOXES

N

EX. R/W

TLE

99

MIDWEST FIBER NETWORK

CITY OF MILWAUKEE WATER WORKS

EX. R/W

VERIZON

STH 241 (S. 27TH ST.) SB

26

CITY OF GREENFIELD STREET LIGHTING

CITY OF GREENFIELD SEWER

25

STH 241 (S. 27TH ST.) SB

CITY OF GREENFIELD STREET LIGHTING

MATCH LINE 1198+00

1199+00

1200+00

1201+00

1202+00

1203+00

1204

MATCH LINE 1204+00

CITY OF MILWAUKEE CUC

STH 241 (S. 27TH ST.) NB

CITY OF MILWAUKEE WATER WORKS

AT&T

79

STH 241 (S. 27TH ST.) NB

73

CITY OF MILWAUKEE SEWER

77

EX. R/W

22

W. BARNARD AVE.

TLE

WE ENERGIES GAS

EX. R/W

AT&T

EX. R/W

EX. R/W

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	UTILITY PLAN	SHEET 166	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\023001_UP.DWG
LAYOUT NAME - 021217_pd

PLOT DATE : 11/20/2024 3:12 PM PLOT BY : STRASSER, JEFFREY PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

2

LEGEND

- XXX — ADJUST SANITARY SEWER MANHOLE
- XXX — ADJUST PULL BOXES
- XXX — ADJUST CUC MANHOLE COVER
- XXX — ADJUSTING WATER VALVE BOXES

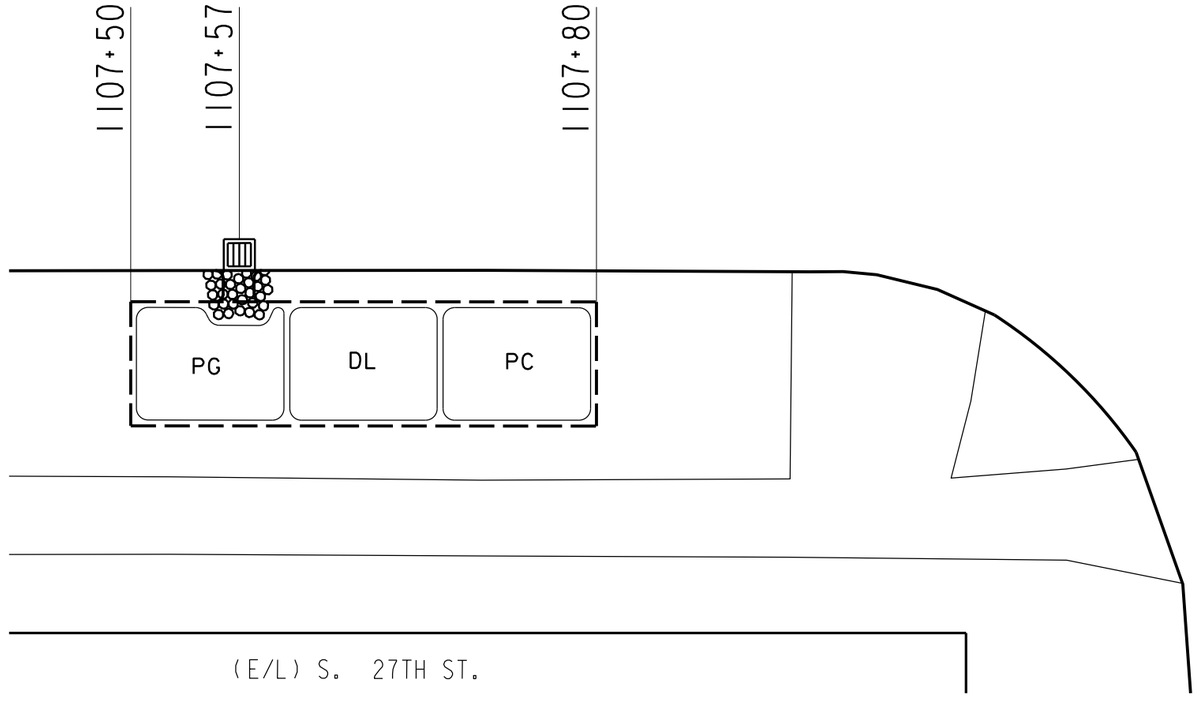
MIDWEST FIBER NETWORK
LEVEL 3
W. LAYTON AVE.
CITY OF MILWAUKEE WATER WORKS
MILWAUKEE COUNTY DPW
CANOPY
AT&T
98
92
CITY OF GREENFIELD SEWER
CITY OF GREENFIELD STREET LIGHTING
EX. R/W
LUMEN
SPECTRUM
86
94
24
WISDOT TRAFFIC SIGNALS
STH 241 (S. 27TH ST.) SB
MMSD
1205+00
1206+00
1207+00
1208+00
1209+00
1210+00
23
6
VERIZON
80
81
STH 241 (S. 27TH ST.) NB
82
83
FEE
TLE
WE ENERGIES GAS
MATCH LINE 1204+00

N

2

BIO-SWALE NO. 1

N



2

PERENNIALS, GRASS, AND BULBS

(20)	PC	PURPLE CONEFLOWER
(20)	DL	DAYLILIES
(20)	PG	PANICUM GRASS

STATE PROJECT NUMBER 2265-18-00	HWY: S.T.H. 241	COUNTY: MILWAUKEE	BIO-SWALES	SCALE FEET 0' 10'	SHEET NO: 168	E

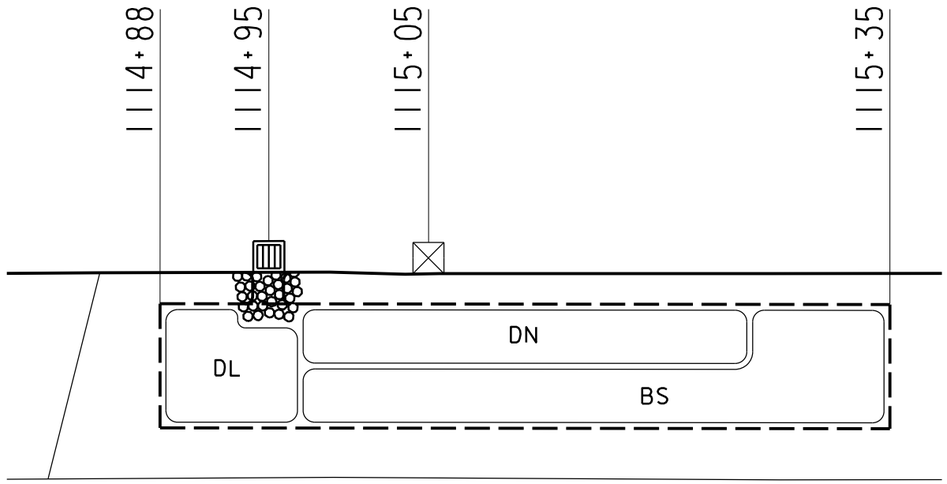
FILE NAME: W:\SEW\SMJOBS2023/SM499220003 S 27TH ST WCOLLEGE AV - WRAMSEY AV\BIOSWALES\S 27TH BIOSWALES.SMP

2

BIO-SWALE NO. 2

N

2



(E/L) S. 27TH ST.

PERENNIALS, GRASS, AND BULBS

(5)	DN	DIABLO NINEBARK
(30)	DL	DAYLILIES
(30)	BS	BLACK-EYED SUSAN

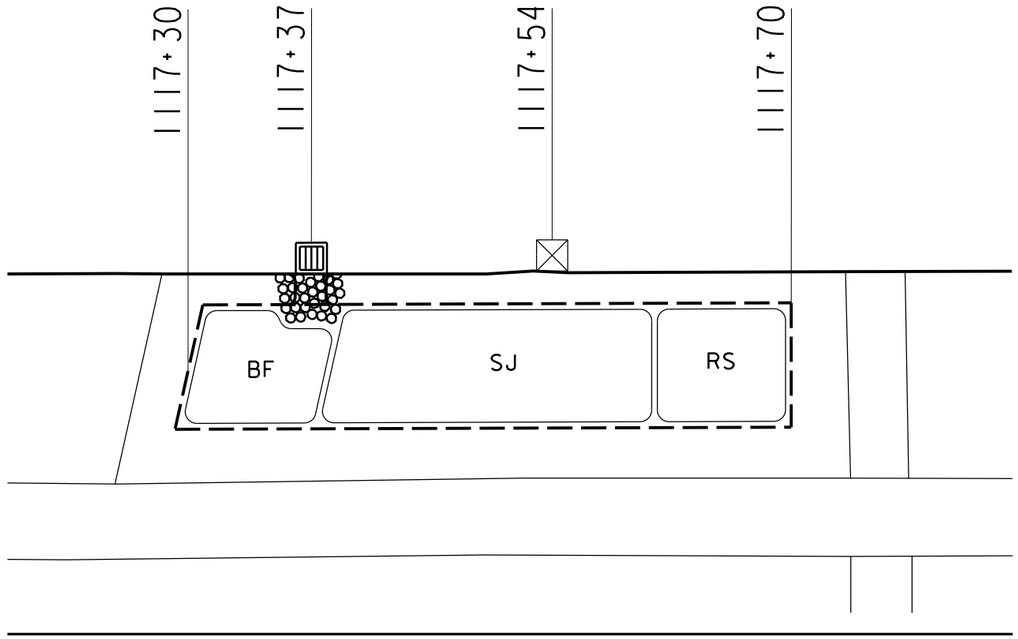
STATE PROJECT NUMBER 2265-18-00	HWY: S.T.H. 241	COUNTY: MILWAUKEE	BIO-SWALES	SCALE FEET 0' 10'	SHEET NO: 169	E

FILE NAME: W:\SEW\SMJOBS2023/SM499220003 S 27TH ST WCOLLEGE AV - WRAMSEY AV\BIOSWALES\S 27TH BIOSWALES.SMP

2

BIO-SWALE NO. 3

N



(E/L) S. 27TH ST.

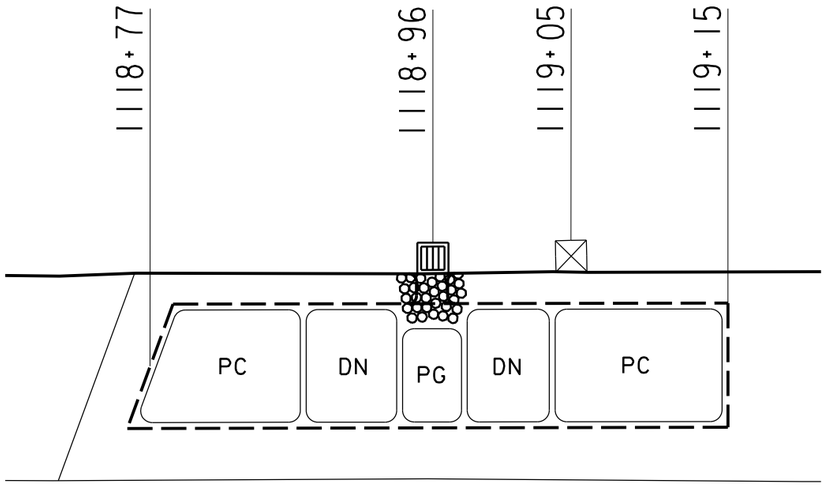
PERENNIALS, GRASS, AND BULBS

(30)	SJ	SEA GREEN JUNIPER
(15)	RS	RUSSIAN SAGE
(9)	BF	BLUE FALSE INDIGO

2

BIO-SWALE NO. 4

N



(E/L) S. 27TH ST.

PERENNIALS, GRASS, AND BULBS

(40)	PC	PURPLE CONEFLOWER
(6)	DN	DIABLO NINEBARK
(6)	PG	PANICUM GRASS

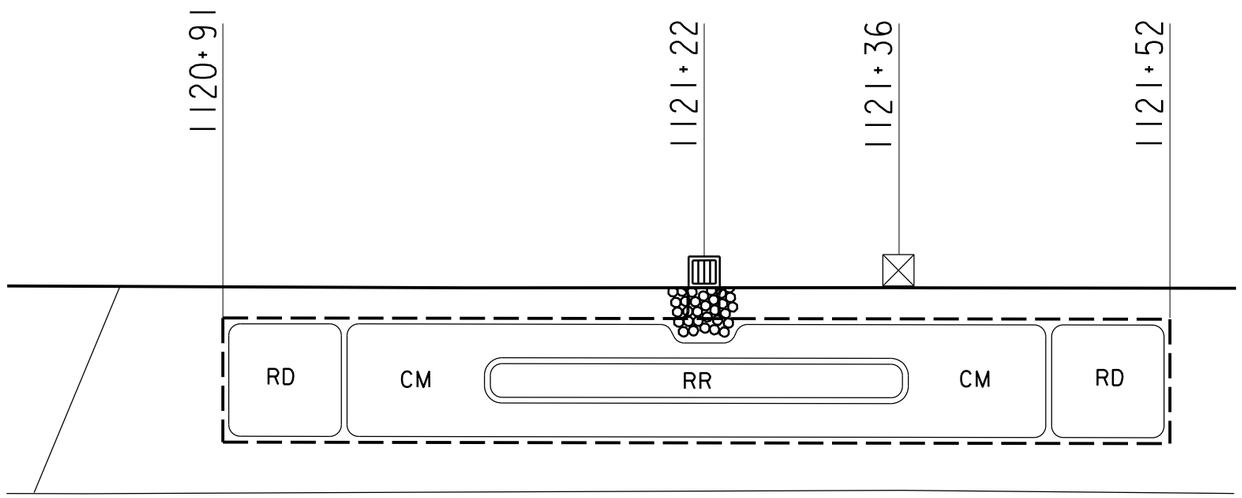
FILE NAME: W:\SEW\SMJOBS2023/SM499220003 S 27TH ST WCOLLEGE AV - WRAMSEY AV\BIOSWALES\S 27TH BIOSWALES.SMP

2

2

N

BIO-SWALE NO. 5



(E/L) S. 27TH ST.

PERENNIALS, GRASS, AND BULBS

(30)	RD	RED TWIG DOGWOOD
(50)	CM	BLUE WONDER CATMINT
(7)	RR	RUGOSA ROSES

STATE PROJECT NUMBER 2265-18-00	HWY: S.T.H. 241	COUNTY: MILWAUKEE	BIO-SWALES	SCALE FEET 0' 10'	SHEET NO: 172	E

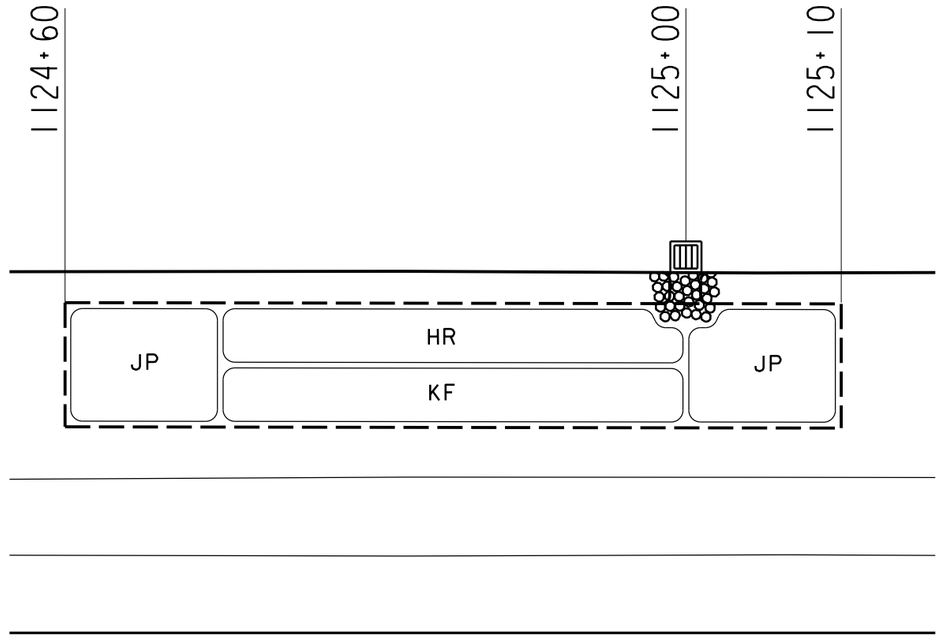
FILE NAME: W:\SEW\SMJOBS2023/SM499220003 S 27TH ST WCOLLEGE AV - WRAMSEY AV\BIOSWALES\S 27TH BIOSWALES.SMP

2

2

BIO-SWALE NO. 6

N



PERENNIALS, GRASS, AND BULBS

(40)	JP	JOE PYE WEED
(20)	HR	HAPPY RETURNS DAYLILIES
(20)	KF	KARL FOERSTER GRASS

STATE PROJECT NUMBER 2265-18-00	HWY: S.T.H. 241	COUNTY: MILWAUKEE	BIO-SWALES	SCALE FEET 0' 10'	SHEET NO: 173	E

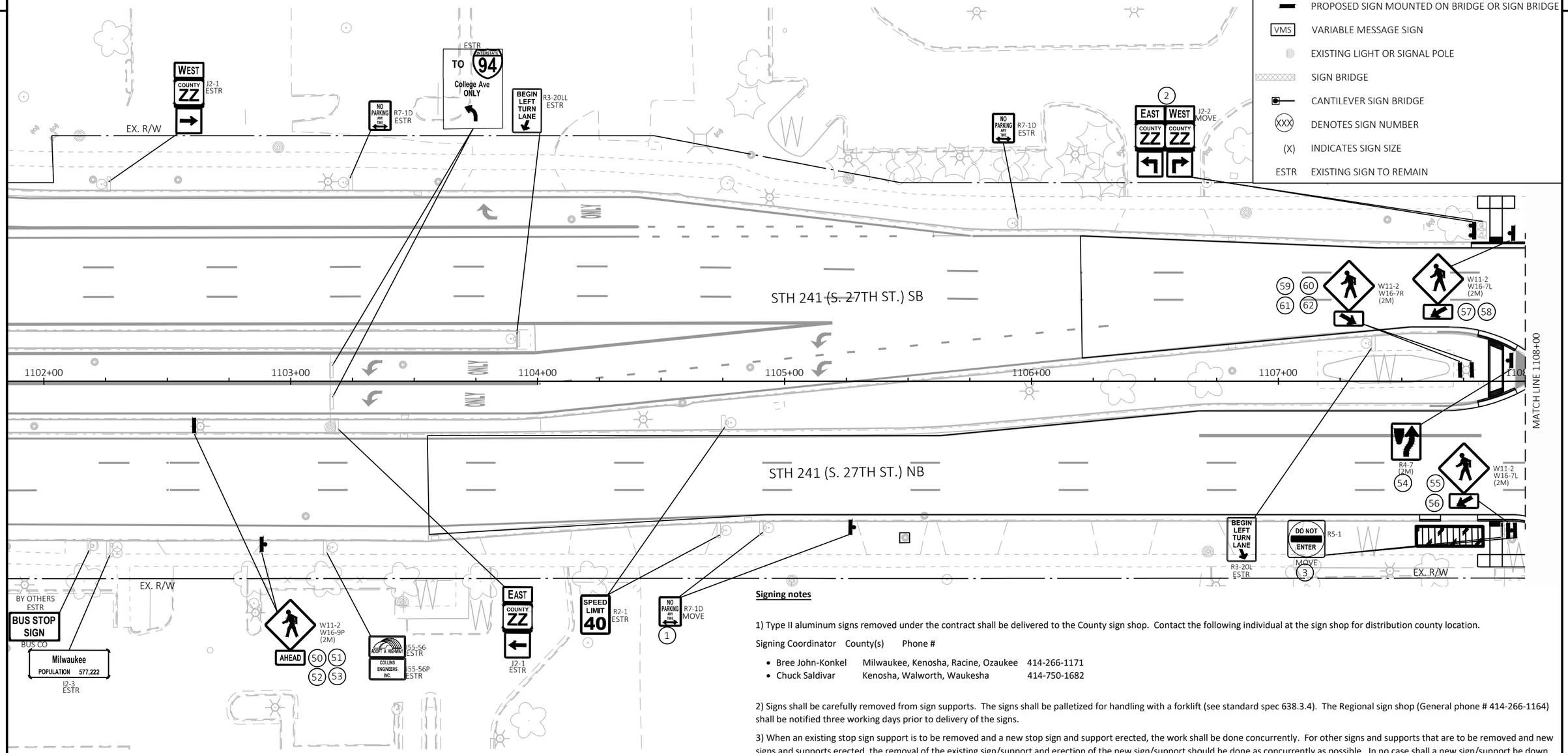
FILE NAME: W:\SEW\SMJOBS2023/SM499220003 S 27TH ST WCOLLEGE AV - WRAMSEY AV\BIOSWALES\S 27TH BIOSWALES.SMP

2

N

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
- VMS — VARIABLE MESSAGE SIGN
- EXISTING LIGHT OR SIGNAL POLE
- SIGN BRIDGE
- CANTILEVER SIGN BRIDGE
- XXX — DENOTES SIGN NUMBER
- (X) — INDICATES SIGN SIZE
- ESTR — EXISTING SIGN TO REMAIN



Signing notes

1) Type II aluminum signs removed under the contract shall be delivered to the County sign shop. Contact the following individual at the sign shop for distribution county location.

Signing Coordinator	County(s)	Phone #
• Bree John-Konkel	Milwaukee, Kenosha, Racine, Ozaukee	414-266-1171
• Chuck Saldivar	Kenosha, Walworth, Waukesha	414-750-1682

2) 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 (General phone # 414-266-1164) shall be notified three working days prior to delivery of the signs.

3) 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.

4) Wood posts sizes, for type II signs are estimated lengths and the actual length will be determined in the field.

5) 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.

6) Box out or coring of concrete for signposts is incidental to the post.

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	PERMANENT SIGNING	SHEET 174	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\023201_PS.DWG
LAYOUT NAME - 023201_ps
PLOT DATE : 11/20/2024 3:13 PM PLOT BY : STRASSER, JEFFREY 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
- VMS — VARIABLE MESSAGE SIGN
- EXISTING LIGHT OR SIGNAL POLE
- SIGN BRIDGE
- CANTILEVER SIGN BRIDGE
- XXX — DENOTES SIGN NUMBER
- (X) — INDICATES SIGN SIZE
- ESTR — EXISTING SIGN TO REMAIN

N

W11-2 W16-7L (2M) 92 93

TO 41 INTERSTATE TO 94 INTERSTATE J22-2 ESTR

W3-3 ESTR

80 81 END SCHOOL ZONE S5-2 (2M)

NO PARKING ANY TIME R7-1D ESTR

PERMIT SIGN ESTR
College Ave
6300 SOUTH
NEXT SIGNAL

W11-2 W16-7L (2M) 84 85 86 87 MOVE BY OTHERS BUS STOP SIGN BUS CO

EX. R/W

R4-7 (2M) 69

STH 241 (S. 27TH ST.) SB

MATCH LINE 1108+00

1109+00 1110+00 1111+00 1112+00 1113+00 1114+00

MATCH LINE 1114+00

STH 241 (S. 27TH ST.) NB

EX. R/W

BY OTHERS ESTR
S 27th St
W Mangold Ave
STOP R1-1 ESTR

W. MANGOLD AVE.

W11-2 W16-7L (2M) 63 64

W11-2 W16-7R (2M) 65 66 67 68

70 71 72 73 74 75 S1-1 S16-9P R2-6P (2M) AHEAD FINES HIGHER

SCHOOL SPEED LIMIT 30 WHEN CHILDREN ARE PRESENT S4-51 ESTR

R4-7 ESTR

W11-2 W16-7L (2M) 76 77 78 79

W. KIMBERLY AVE.

EX. R/W

W11-2 W16-7R (2M) 88 89 90 91 MOVE BY OTHERS BUS STOP SIGN BUS CO

BY OTHERS ESTR
S 27th St
W Kimberly Ave
STOP R1-1 ESTR

EX. R/W EX. R/W EX. R/W EX. R/W

SHEET 2 of 18

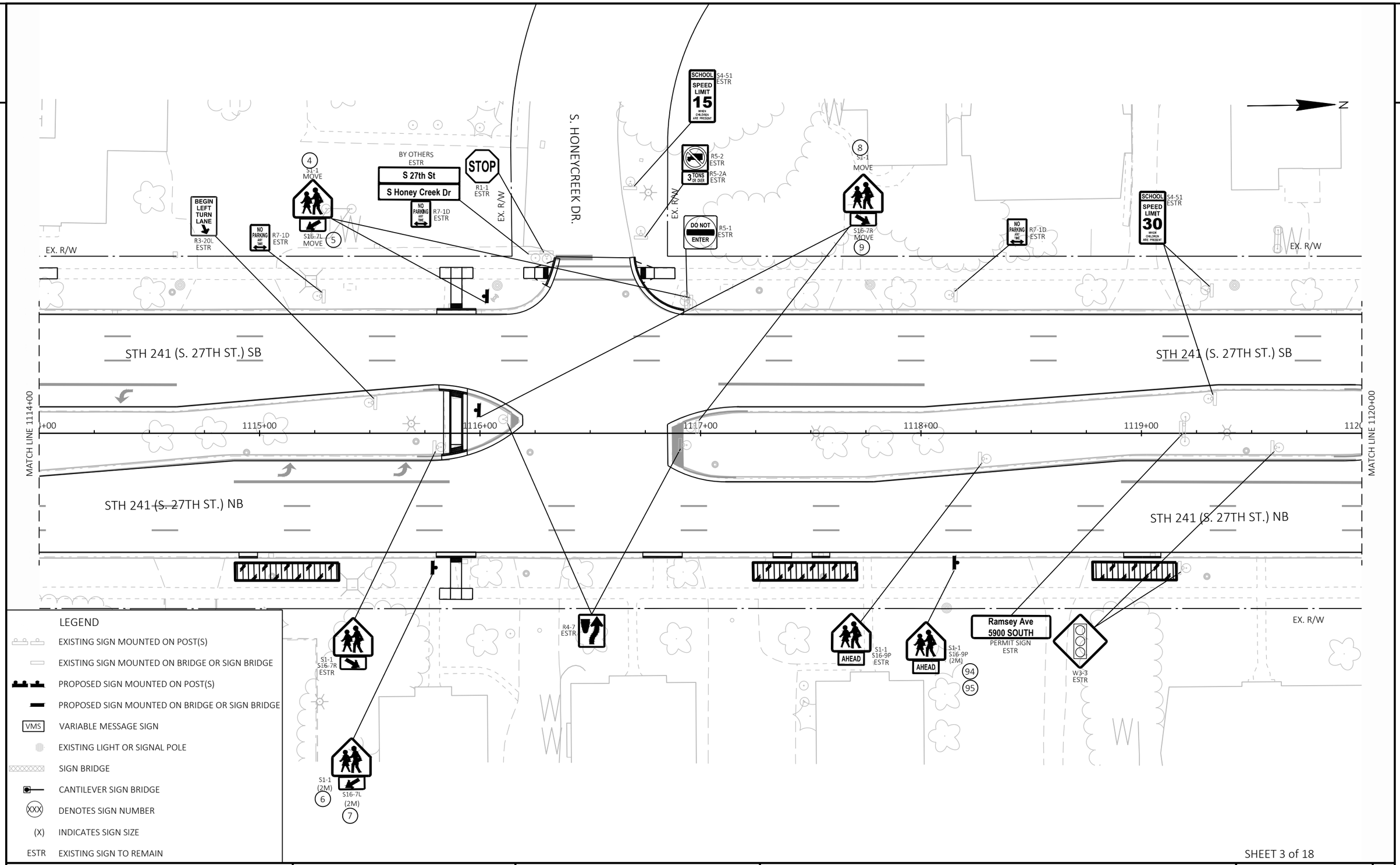
PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	PERMANENT SIGNING	SHEET 175	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\023201_PS.DWG
LAYOUT NAME - 023202_ps

PLOT DATE : 11/20/2024 3:13 PM PLOT BY : STRASSER, JEFFREY PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

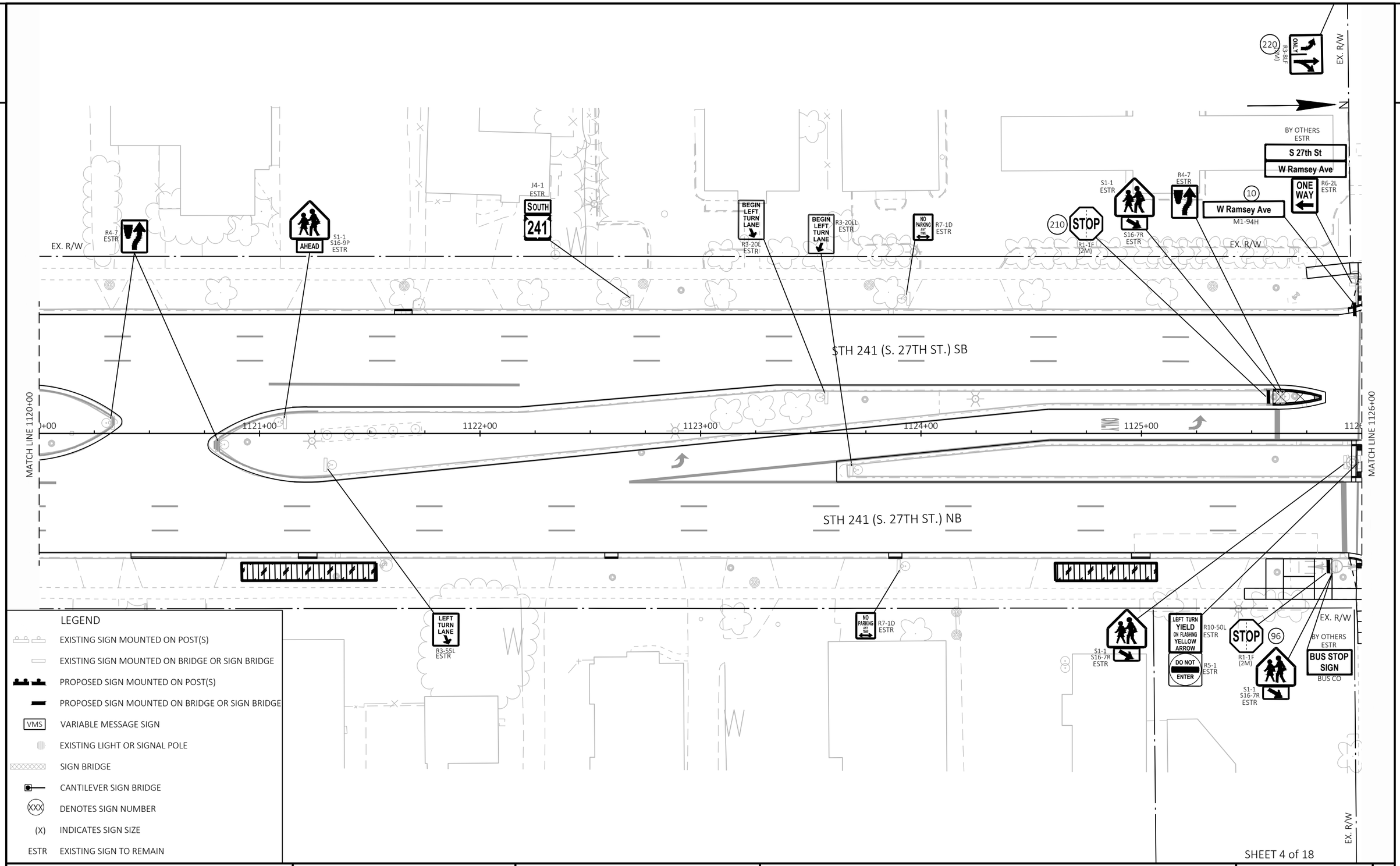


SHEET 3 of 18

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	PERMANENT SIGNING	SHEET 176	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\023201_PS.DWG
LAYOUT NAME - 023203_ps
PLOT DATE : 11/20/2024 3:13 PM
PLOT BY : STRASSER, JEFFREY
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

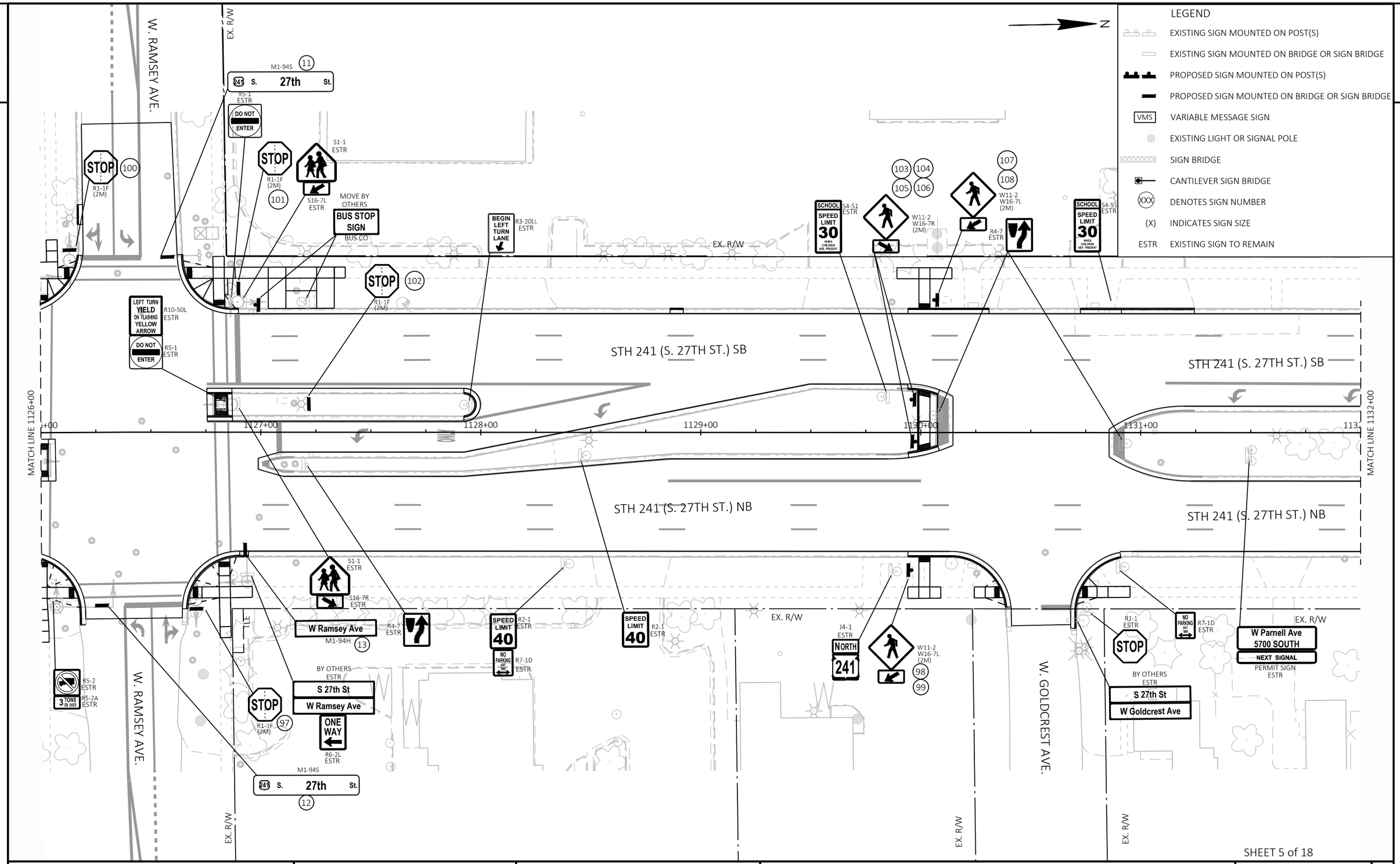


LEGEND

- 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
- VMS — VARIABLE MESSAGE SIGN
- EXISTING LIGHT OR SIGNAL POLE
- SIGN BRIDGE
- CANTILEVER SIGN BRIDGE
- XXX — DENOTES SIGN NUMBER
- (X) — INDICATES SIGN SIZE
- ESTR — EXISTING SIGN TO REMAIN

SHEET 4 of 18

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	PERMANENT SIGNING	SHEET 177	E



SHEET 5 of 18

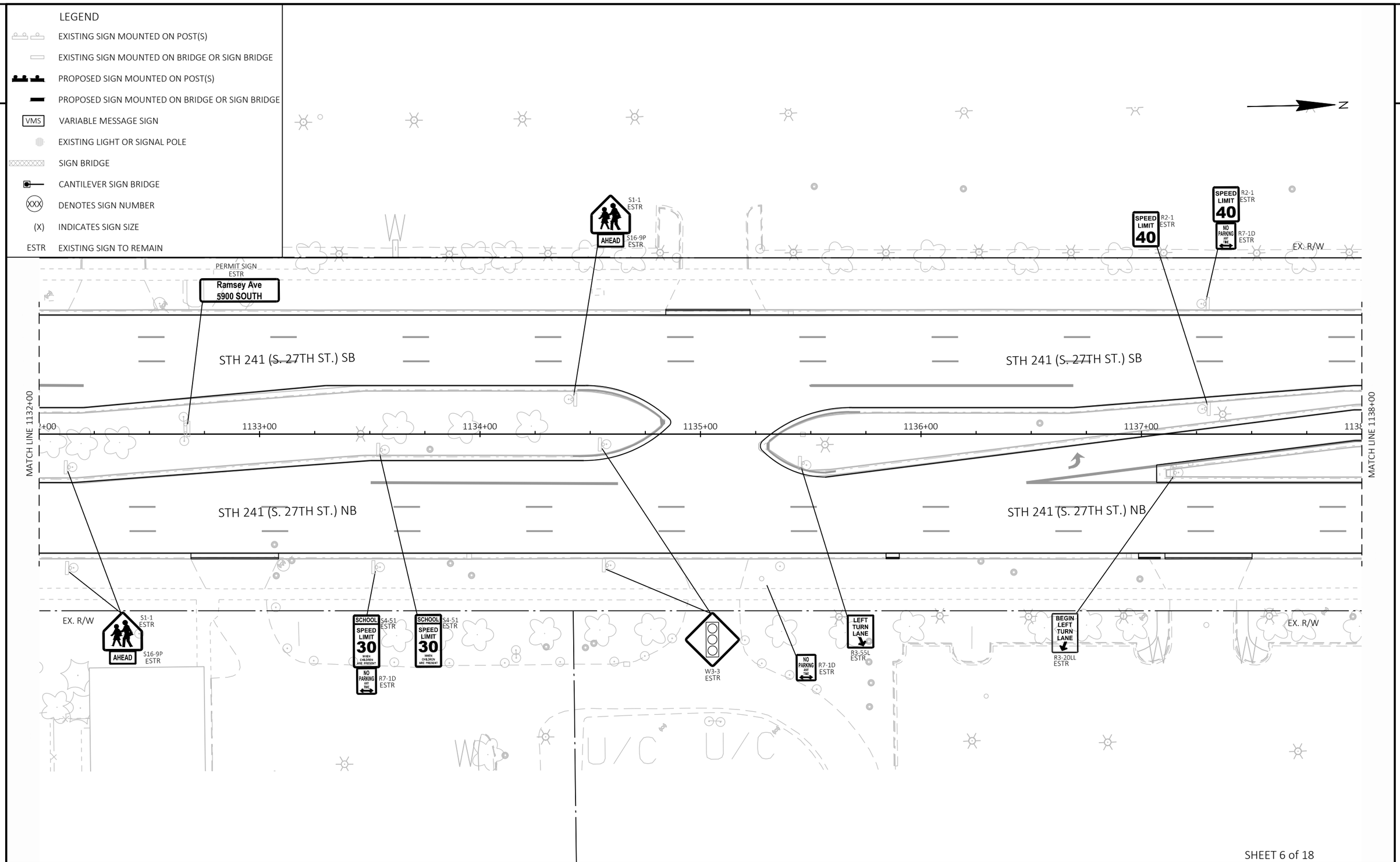
PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	PERMANENT SIGNING	SHEET 178	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\023201_PS.DWG
LAYOUT NAME - 023205_ps
PLOT DATE : 11/20/2024 3:13 PM
PLOT BY : STRASSER, JEFFREY
PLOT NAME :
PLOT SCALE : 1 IN:40 FT

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
- VMS — VARIABLE MESSAGE SIGN
- EXISTING LIGHT OR SIGNAL POLE
- SIGN BRIDGE
- CANTILEVER SIGN BRIDGE
- XXX — DENOTES SIGN NUMBER
- (X) — INDICATES SIGN SIZE
- ESTR — EXISTING SIGN TO REMAIN



SHEET 6 of 18

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	PERMANENT SIGNING	SHEET 179	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\023201_PS.DWG
LAYOUT NAME - 023206_ps

PLOT DATE : 11/20/2024 3:13 PM PLOT BY : STRASSER, JEFFREY 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
- VMS — VARIABLE MESSAGE SIGN
- EXISTING LIGHT OR SIGNAL POLE
- SIGN BRIDGE
- CANTILEVER SIGN BRIDGE
- XXX — DENOTES SIGN NUMBER
- (X) — INDICATES SIGN SIZE
- ESTR — EXISTING SIGN TO REMAIN

N

EX. R/W

W. PARNELL AVE.

EX. R/W

STH 241 (S. 27TH ST.) SB

STH 241 (S. 27TH ST.) NB

MATCH LINE 1138+00

1139+00

1140+00

1141+00

1142+00

1143+00

MATCH LINE 1144+00

R1-1F (2M) STOP 211

BY OTHERS ESTR
S 27th St
W Parnell Ave

R10-50L ESTR LEFT TURN YIELD ON FLASHING YELLOW ARROW

R5-1 ESTR DO NOT ENTER

ONE WAY R6-2L ESTR 16

W Parnell Ave M1-94H

R4-7 ESTR

S1-1 ESTR

S16-7R ESTR

R1-1F (2M) STOP 109

M1-94S 18
241 S. 27th St.

R5-2 ESTR

R5-2A ESTR 3 TONS OR OVER

S1-1 ESTR

S16-7L ESTR

R5-1 ESTR DO NOT ENTER

MOVE BY OTHERS
BUS STOP SIGN
BUS CO

TLE

R1-1F (2M) STOP 214 215

SCHOOL SPEED LIMIT 30 WHEN CHILDREN ARE PRESENT S4-51 ESTR

SCHOOL SPEED LIMIT 30 WHEN CHILDREN ARE PRESENT S4-51 ESTR

NO PARKING ANY TIME R7-1D ESTR

R3-20LL ESTR BEGIN LEFT TURN LANE

S1-1 MOVE 14

S16-7L MOVE 15

R1-1F (2M) STOP 110

R5-2 ESTR

R5-2A ESTR 3 TONS OR OVER

FEE

R1-1F (2M) STOP 111

BY OTHERS ESTR
S 27th St
W Parnell Ave

ONE WAY R6-2L ESTR

M1-94S 17
241 S. 27th St.

W Parnell Ave M1-94H 19

R4-7 ESTR

S1-1 ESTR

S16-7R ESTR

R5-1 ESTR DO NOT ENTER

BY OTHERS
BUS STOP SIGN
BUS CO

SPEED LIMIT 40 R2-1 ESTR

NO PARKING ANY TIME R7-1D MOVE

END SCHOOL ZONE S5-2 (2M) 216 217

SPEED LIMIT 40 R2-1 ESTR

END SCHOOL ZONE S5-2 (2M) 218

EX. R/W

EX. R/W

W. PARNELL AVE.

EX. R/W

SHEET 7 of 18

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	PERMANENT SIGNING	SHEET 180	E

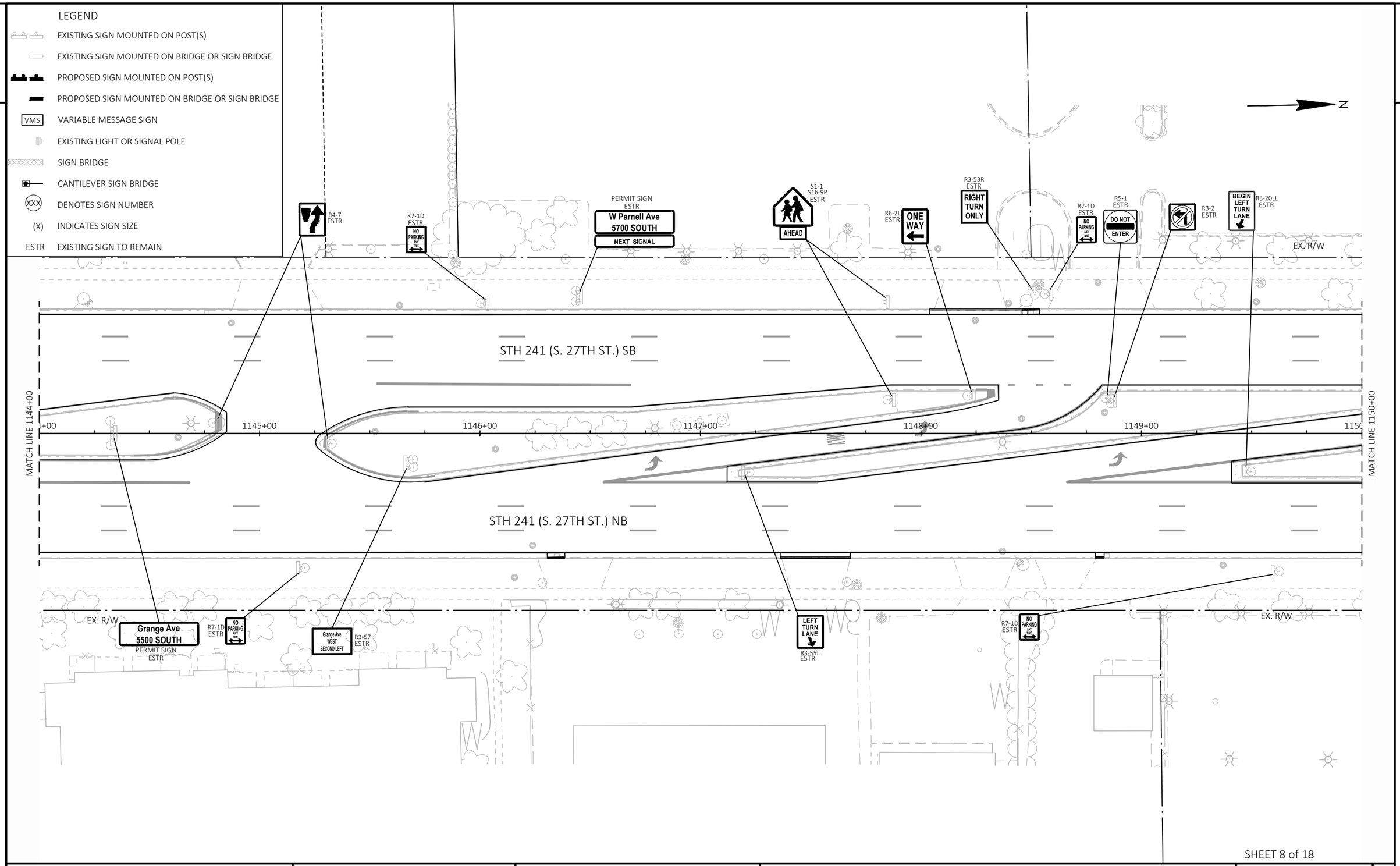
FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\023201_PS.DWG
LAYOUT NAME - 023207_ps

PLOT DATE : 11/20/2024 3:13 PM PLOT BY : STRASSER, JEFFREY PLOT NAME : PLOT SCALE : 1 IN:40 FT

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
- VMS — VARIABLE MESSAGE SIGN
- EXISTING LIGHT OR SIGNAL POLE
- SIGN BRIDGE
- CANTILEVER SIGN BRIDGE
- XXX — DENOTES SIGN NUMBER
- (X) — INDICATES SIGN SIZE
- ESTR — EXISTING SIGN TO REMAIN



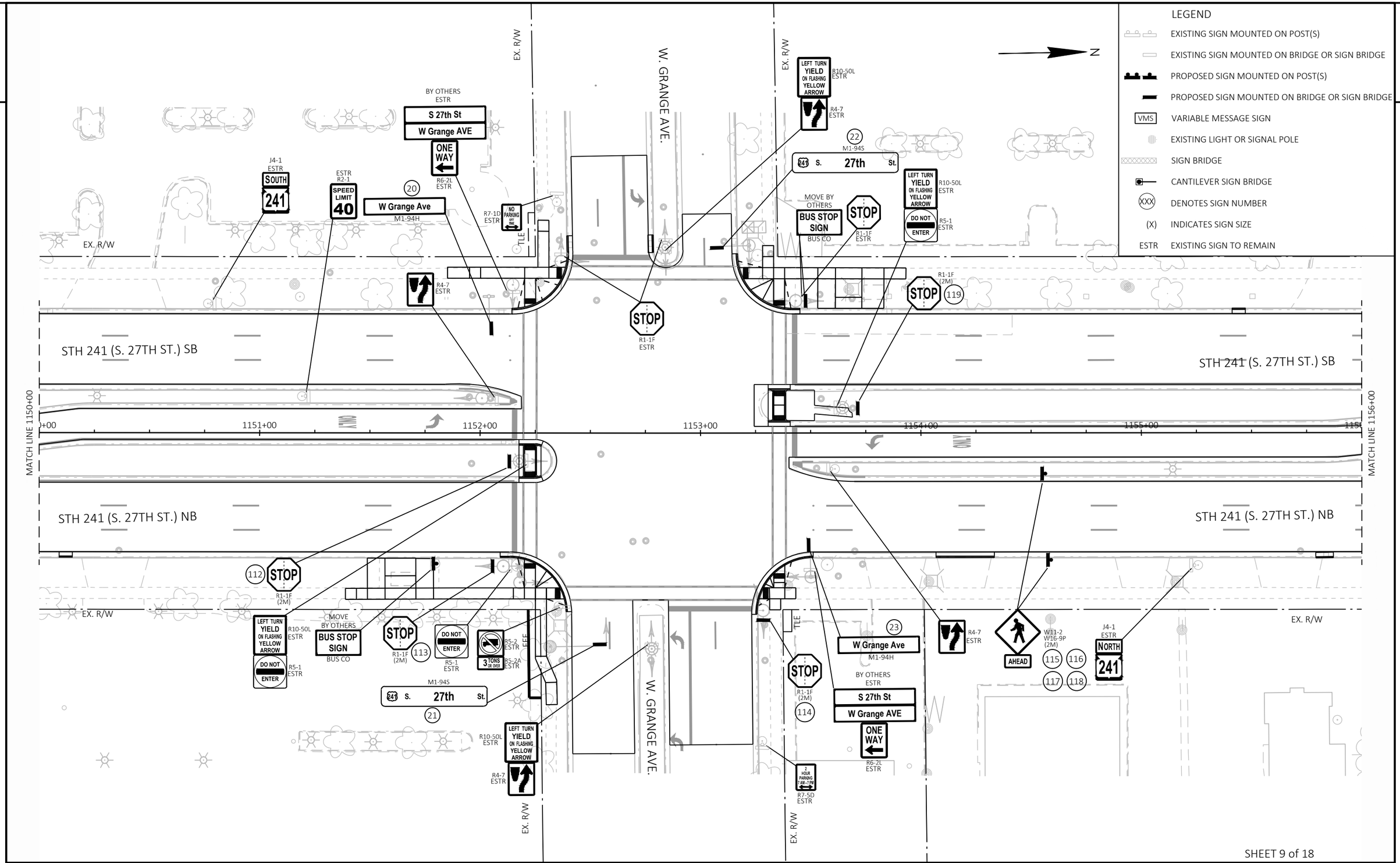
SHEET 8 of 18

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	PERMANENT SIGNING	SHEET 181	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\023201_PS.DWG
LAYOUT NAME - 023208_ps

PLOT DATE : 11/20/2024 3:14 PM PLOT BY : STRASSER, JEFFREY PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42



SHEET 9 of 18

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	PERMANENT SIGNING	SHEET 182	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\023201_PS.DWG
LAYOUT NAME - 023209_ps

PLOT DATE : 11/20/2024 3:14 PM PLOT BY : STRASSER, JEFFREY 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
- VMS — VARIABLE MESSAGE SIGN
- EXISTING LIGHT OR SIGNAL POLE
- SIGN BRIDGE
- CANTILEVER SIGN BRIDGE
- XXX — DENOTES SIGN NUMBER
- (X) — INDICATES SIGN SIZE
- ESTR — EXISTING SIGN TO REMAIN

N

EX. R/W

TLE

TLE

EX. R/W

W. MALLORY AVE.

EX. R/W

BEGIN LEFT TURN LANE
R3-20LL ESTR

NO PARKING ANY TIME
R7-1D ESTR

W3-3 ESTR

STOP
R1-1 ESTR

BY OTHERS ESTR
S 27th St
W Mallory Ave

W11-2 W16-7L (2M)

120
121

DO NOT ENTER
R5-1 ESTR

W11-2 W16-7L (2M)

122
123

STH 241 (S. 27TH ST.) SB

STH 241 (S. 27TH ST.) SB

MATCH LINE 1156+00

1157+00

1158+00

1159+00

1160+00

1161+00

MATCH LINE 1162+00

STH 241 (S. 27TH ST.) NB

STH 241 (S. 27TH ST.) NB

EX. R/W

ESTR R2-1
SPEED LIMIT 40

NO PARKING ANY TIME
R7-1D ESTR

ESTR R2-1
SPEED LIMIT 40

NO PARKING ANY TIME
R7-1D ESTR

W11-2 W16-7R (2M)

124
125
126
127

R4-7 ESTR

W11-2 W16-7L (2M)

128
129
130
131

W11-2 W16-7R (2M)

132
133
134
135

NO PARKING ANY TIME
R7-1D ESTR

EX. R/W

SHEET 10 of 18

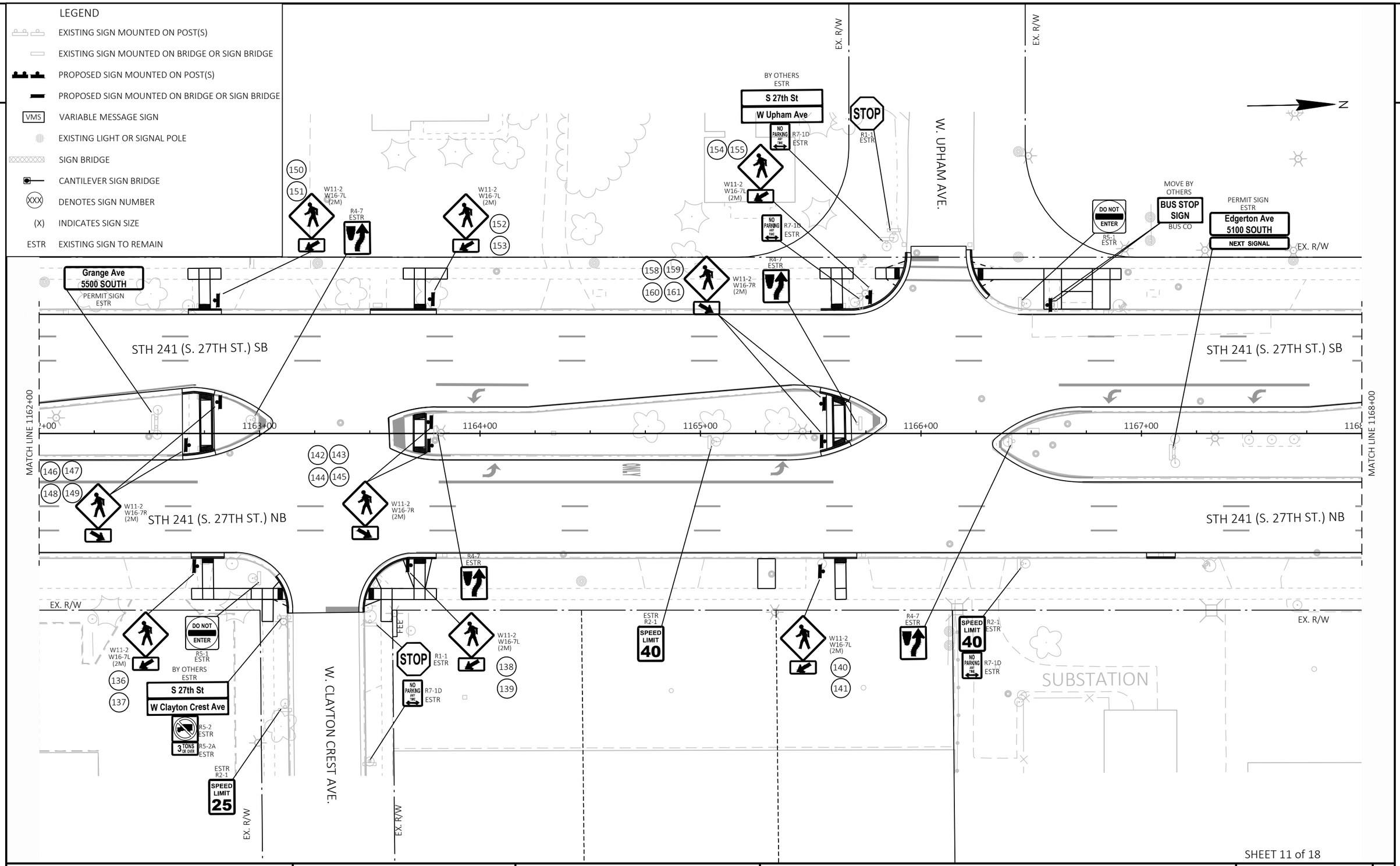
PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	PERMANENT SIGNING	SHEET 183	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\023201_PS.DWG
LAYOUT NAME - 023210_ps
PLOT DATE : 11/20/2024 3:14 PM
PLOT BY : STRASSER, JEFFREY
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
- VMS — VARIABLE MESSAGE SIGN
- EXISTING LIGHT OR SIGNAL POLE
- SIGN BRIDGE
- CANTILEVER SIGN BRIDGE
- XXX — DENOTES SIGN NUMBER
- (X) — INDICATES SIGN SIZE
- ESTR — EXISTING SIGN TO REMAIN



SHEET 11 of 18

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	PERMANENT SIGNING	SHEET 184	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\023201_PS.DWG
LAYOUT NAME - 023211_ps
PLOT DATE : 11/20/2024 3:14 PM
PLOT BY : STRASSER, JEFFREY
PLOT NAME :
PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

EX. R/W

EX. R/W

W. ABBOTT AVE.

N

ESTR
R2-1
SPEED LIMIT 40

EX. R/W

NO PARKING ANY TIME
R7-1D
ESTR

166 167

W11-2
W16-7R
(2M)

W11-2
W16-7L
(2M)

168 169
170 171

R4-7
ESTR

R1-1
ESTR
STOP

WEIGHT LIMIT 3 TONS
R12-1
ESTR

BY OTHERS
ESTR

S 27th St
W Abbott Ave.

DO NOT ENTER
R5-1
ESTR

172 173

W11-2
W16-7L
(2M)

EX. R/W

174 175
176 177

W11-2
W16-7R
(2M)

STH 241 (S. 27TH ST.) SB

MATCH LINE 1168+00

1168+00

1169+00

1170+00

1171+00

1172+00

1173+00

1174

MATCH LINE 1174+00

STH 241 (S. 27TH ST.) NB

W3-3
ESTR

W11-2
W16-7L
(2M)

162
163

DO NOT ENTER
R5-1
ESTR

R5-2
ESTR

3 TONS OR OVER
R5-2A
ESTR

S 27th St
W Abbott Ave.

BY OTHERS
ESTR

EX. R/W

W. ABBOTT AVE.

EX. R/W

164
165

W11-2
W16-7L
(2M)

R1-1
ESTR
STOP

NO PARKING ANY TIME
R7-1D
ESTR

R4-7
ESTR

NO PARKING ANY TIME
R7-1D
ESTR

LEFT TURN LANE
R3-55L
MOVE
23A

EX. R/W

LEGEND

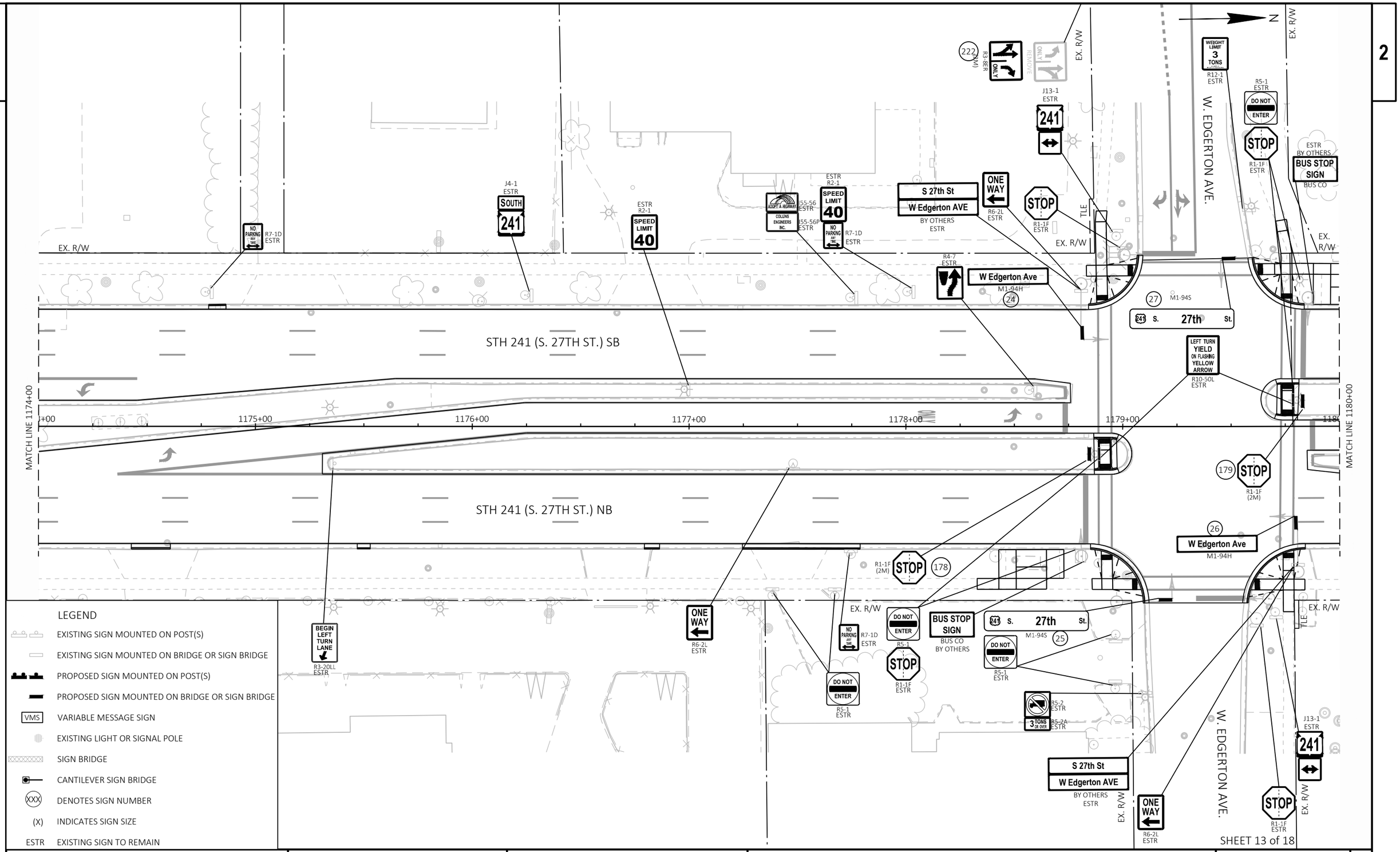
- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- VMS — VARIABLE MESSAGE SIGN
- EXISTING LIGHT OR SIGNAL POLE
- SIGN BRIDGE
- CANTILEVER SIGN BRIDGE
- XXX — DENOTES SIGN NUMBER
- (X)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

SHEET 12 of 18

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	PERMANENT SIGNING	SHEET 185	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\023201_PS.DWG
LAYOUT NAME - 023212_ps

PLOT DATE : 11/20/2024 3:14 PM PLOT BY : STRASSER, JEFFREY 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
- VMS — VARIABLE MESSAGE SIGN
- EXISTING LIGHT OR SIGNAL POLE
- SIGN BRIDGE
- CANTILEVER SIGN BRIDGE
- XXX — DENOTES SIGN NUMBER
- (X) — INDICATES SIGN SIZE
- ESTR — EXISTING SIGN TO REMAIN

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	PERMANENT SIGNING	SHEET 186	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\023201_PS.DWG
LAYOUT NAME - 023213_ps
PLOT DATE : 11/20/2024 3:14 PM
PLOT BY : STRASSER, JEFFREY
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

2

N

NO PARKING ANY TIME R7-1D ESTR

BEGIN LEFT TURN LANE R3-20LL ESTR

W3-3 ESTR

TLE

EX. R/W

EX. R/W

STH 241 (S. 27TH ST.) SB

STH 241 (S. 27TH ST.) SB

MATCH LINE 1180+00

1180+00

1181+00

1182+00

1183+00

1184+00

1185+00

1186

MATCH LINE 1186+00

STH 241 (S. 27TH ST.) NB

STH 241 (S. 27TH ST.) NB

ESTR R2-1 SPEED LIMIT 40

NO PARKING ANY TIME R7-1D ESTR

J4-1 ESTR NORTH 241

ADOPT A HIGHWAY I55-56 ESTR

ORTHOPEDIC INSTITUTE OF WI I55-56P ESTR

EX. R/W

NO PARKING ANY TIME R7-1D ESTR

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
- VMS — VARIABLE MESSAGE SIGN
- EXISTING LIGHT OR SIGNAL POLE
- SIGN BRIDGE
- CANTILEVER SIGN BRIDGE
- XXX — DENOTES SIGN NUMBER
- (X) — INDICATES SIGN SIZE
- ESTR — EXISTING SIGN TO REMAIN

SHEET 14 of 18

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	PERMANENT SIGNING	SHEET 187	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\023201_PS.DWG
LAYOUT NAME - 023214_ps

PLOT DATE : 11/20/2024 3:14 PM PLOT BY : STRASSER, JEFFREY PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

EX. R/W

BY OTHERS ESTR

S 27th St

W Holmes Ave

R1-1 ESTR

STOP

EX. R/W

W. HOLMES AVE.

U/C

JV ESTR

JV ESTR

INTERSTATE 41

INTERSTATE 43

INTERSTATE 894

USE RIGHT LANE

USE RIGHT LANE

N

188 189

W11-2 W16-7L (2M)

R7-1D ESTR

NO PARKING ANY TIME

212 213

W11-2 W16-7L (2M)

190 191 192 193

W11-2 W16-7R (2M)

EX. R/W

EX. R/W

NO PARKING ANY TIME R7-1D ESTR

PERMIT SIGN ESTR

Edgerton Ave 5100 SOUTH

EX. R/W

STH 241 (S. 27TH ST.) SB

R4-7 ESTR

MATCH LINE 1186+00

1187+00

1188+00

1189+00

1190+00

1191+00

MATCH LINE 1192+00

180 182 181 183

W11-2 W16-7L (2M)

W11-2 W16-7R (2M)

184 186 185 187

STH 241 (S. 27TH ST.) NB

JV ESTR

JV ESTR

INTERSTATE 43

INTERSTATE 894

USE RIGHT LANE

INTERSTATE 41

USE RIGHT LANE

ESTR R2-1

SPEED LIMIT 40

ESTR

ESTR R2-1

SPEED LIMIT 40

NO PARKING ANY TIME R7-1D ESTR

EX. R/W

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
- VMS — VARIABLE MESSAGE SIGN
- EXISTING LIGHT OR SIGNAL POLE
- SIGN BRIDGE
- CANTILEVER SIGN BRIDGE
- XXX — DENOTES SIGN NUMBER
- (X) — INDICATES SIGN SIZE
- ESTR — EXISTING SIGN TO REMAIN

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	PERMANENT SIGNING	SHEET 188	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\023201_PS.DWG
LAYOUT NAME - 023215_ps
PLOT DATE : 11/20/2024 3:14 PM
PLOT BY : STRASSER, JEFFREY
PLOT NAME :
PLOT SCALE : 1 IN:40 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
- VMS — VARIABLE MESSAGE SIGN
- EXISTING LIGHT OR SIGNAL POLE
- SIGN BRIDGE
- CANTILEVER SIGN BRIDGE
- XXX — DENOTES SIGN NUMBER
- (X) — INDICATES SIGN SIZE
- ESTR — EXISTING SIGN TO REMAIN

N

MATCH LINE 1192+00

MATCH LINE 1198+00

1193+00 1194+00 1195+00 1196+00 1197+00

STH 241 (S. 27TH ST.) SB

STH 241 (S. 27TH ST.) NB

ESTR R2-1 SPEED LIMIT 40

NO PARKING ANY TIME R7-1D ESTR

W3-3 ESTR

MOVE BY OTHERS BUS STOP SIGN BUS CO

EX. R/W

194 195 196 197 W11-2 W16-7R (2M)

198 199 200 201 W11-2 W16-7L (2M)

202 203 204 205 W11-2 W16-7L (2M)

R4-7 MOVE 29

EX. R/W

DO NOT ENTER R5-1 MOVE 28

3 TONS OR OVER R5-2 ESTR R5-2A ESTR

STOP R1-1 MOVE 30

W11-2 W16-7R (2M) 206 207 208 209

R4-7 MOVE 31

NO PARKING ANY TIME R7-1D ESTR

S 27th St

W CARPENTER AVE

BY OTHERS ESTR

W. CARPENTER AVE.

EX. R/W

EX. R/W

W11-2 ESTR AHEAD S16-9P ESTR

Layton Ave 4700 SOUTH NEXT SIGNAL PERMIT SIGN ESTR

W11-2 ESTR AHEAD S16-9P ESTR

W3-3 ESTR

NO PARKING ANY TIME R7-1D ESTR

JV ESTR JCT COUNTY Y

EX. R/W

PLAYGROUND

SHEET 16 of 18

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	PERMANENT SIGNING	SHEET 189	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\023201_PS.DWG
LAYOUT NAME - 023216_ps

PLOT DATE : 11/20/2024 3:14 PM PLOT BY : STRASSER, JEFFREY PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

2

N

STH 241 (S. 27TH ST.) SB

STH 241 (S. 27TH ST.) NB

W. BARNARD AVE.

EX. R/W

TLE

MATCH LINE 1198+00

MATCH LINE 1204+00

1198+00 1199+00 1200+00 1201+00 1202+00 1203+00 1204+00

35 R4-7 MOVE STOP R1-1 ESTR

39 R9-3A (2S) R9-3BR (2S) USE CROSSWALK

42 W11-2 MOVE S16-7L MOVE 41

NO PARKING ANY TIME R7-1D ESTR

R4-7 ESTR

ONLY ONLY R3-8LL ESTR

ESTR R2-1 SPEED LIMIT 40

W11-2 ESTR AHEAD W16-9P (2M) 43

ESTR R2-1 SPEED LIMIT 40

NO PARKING ANY TIME R7-1D ESTR

W11-2 ESTR AHEAD W16-9P (2M) 44

W11-2 ESTR S16-7R ESTR

MOVE BY OTHERS BUS STOP SIGN BUS CO

ALL RAMP TRAFFIC USE RIGHT LANE ESTR

NO PARKING ANY TIME R7-1D MOVE 32

W11-2 MOVE 33 S16-7L MOVE 34

R5-2 ESTR 3 TONS OR OVER R5-2A ESTR

BY OTHERS ESTR S 27th St W Barnard Ave

37 R9-3A (2S) R9-3BL (2S) USE CROSSWALK 38

STOP R1-1 MOVE 36

JV ESTR INTERSTATE 41 USE RIGHT LANE

JV ESTR INTERSTATE 43 INTERSTATE 894 USE RIGHT LANE

NO PARKING ANY TIME R7-1D ESTR

WEST Layton Ave ONLY J3-1

J32-4 TO NORTH INTERSTATE 41 TO WEST INTERSTATE 94 TO SOUTH INTERSTATE 41 TO EAST INTERSTATE 94 Chicago D1-56R ESTR

NO PARKING ANY TIME R7-1D ESTR

I5-1 ESTR M6-1 ESTR

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
- VMS VARIABLE MESSAGE SIGN
- EXISTING LIGHT OR SIGNAL POLE
- SIGN BRIDGE
- CANTILEVER SIGN BRIDGE
- XXX DENOTES SIGN NUMBER
- (X) INDICATES SIGN SIZE
- ESTR EXISTING SIGN TO REMAIN

SHEET 17 of 18

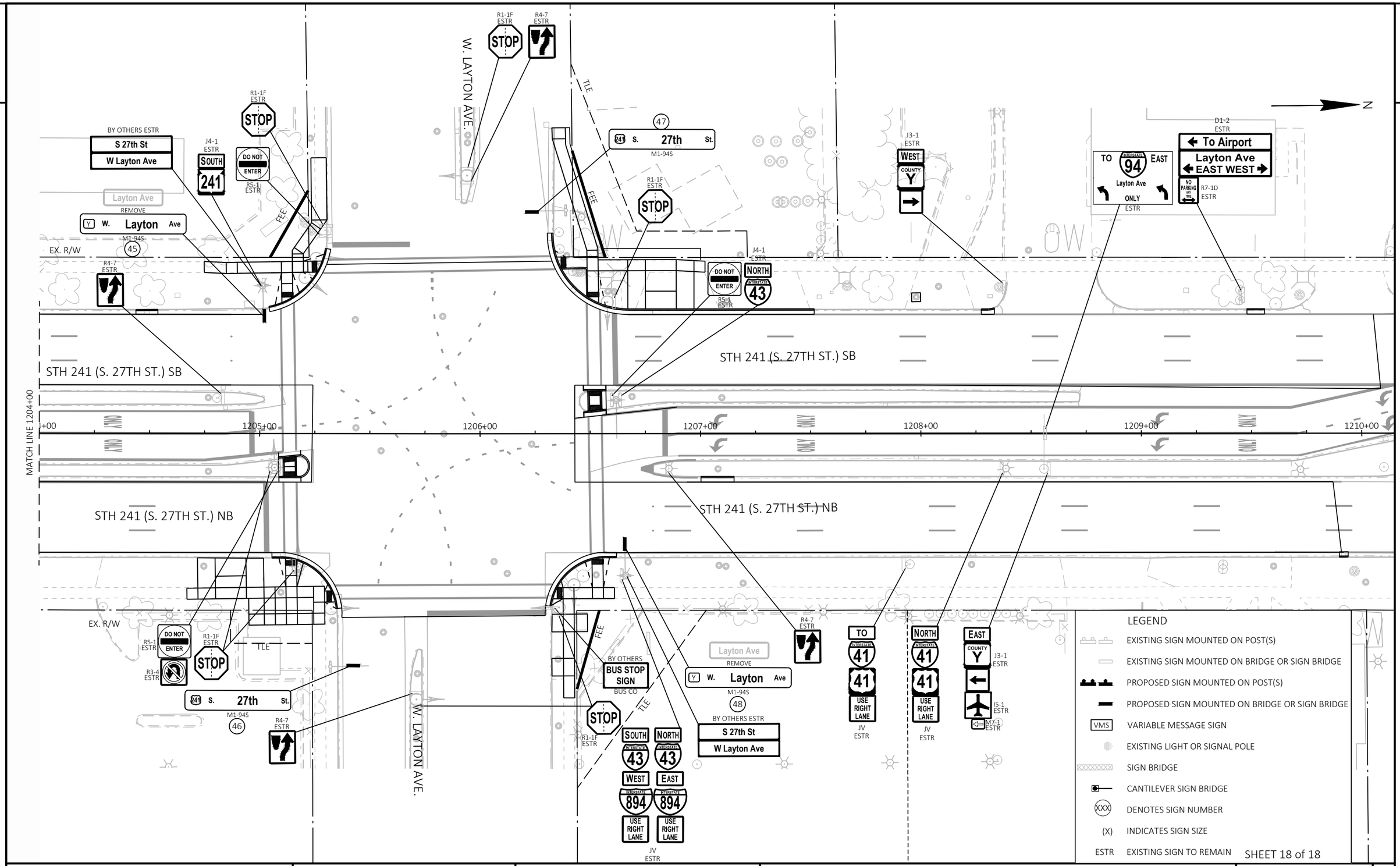
PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	PERMANENT SIGNING	SHEET 190 E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\023201_PS.DWG
LAYOUT NAME - 023217_ps

PLOT DATE : 11/20/2024 3:15 PM PLOT BY : STRASSER, JEFFREY PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2



SHEET 18 of 18

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	PERMANENT SIGNING	SHEET 191	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\023201_PS.DWG
LAYOUT NAME - 023218_ps
PLOT DATE : 11/20/2024 3:15 PM
PLOT BY : STRASSER, JEFFREY
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

LEGEND

- CONTROL CABINET
- NONMETALLIC CONDUIT 2", UNLESS OTHERWISE NOTED
- NONMETALLIC INTERCONNECT CONDUIT 2", UNLESS OTHERWISE NOTED
- LOOP DETECTOR CONDUIT 1" NONMETALLIC
- SIGNAL HEAD, TRAFFIC SIGNAL STANDARD, PEDESTAL BASE
- (XX) MONOTUBE BASE, POLE, 15'-30' ARM
- (XX) MONOTUBE BASE, POLE, 35'-55' ARM
- PEDESTRIAN HEAD WITH PUSH BUTTON
- PUSH BUTTON
- LOOP DETECTOR IN 1" NONMETALLIC CONDUIT
- PULL BOX, 24" X 36"
- PULL BOX, 24" X 42"
- COMMUNICATION VAULT
- LUMINAIRE UNDER PERMIT TO LOCAL MUNICIPALITY
- LUMINAIRE, TRAFFIC POLE, TRANSFORMER BASE
- XX SIGNAL HEAD NUMBER
- R RED CIRCULAR INDICATOR
- Y YELLOW CIRCULAR INDICATOR
- G GREEN CIRCULAR INDICATOR
- RA RED ARROW
- YA YELLOW ARROW
- GA GREEN ARROW
- WALK/DON'T WALK INDICATOR 16" (COUNTDOWN TIMER)
- TRAFFIC SIGNAL HEAD TO BE COVERED AND DE-ENERGIZED
- LANE DESIGNATION FOR INFO ONLY

NOTE: ALL LENSES ARE 12-INCH GRAYSHADE REPRESENTS EXISTING

N

W RAMSEY AVE

SPEED LIMIT= 25 MPH

SPEED LIMIT= 40 MPH

STH 241 (S 27TH ST)

4-6'X20' 3 TURNS EA.

2-6'X20' 3 TURNS EA.

SPEED LIMIT= 30 MPH

STAGING NOTES:

1. BAG OR REMOVE BAGS FROM SIGNALS WITHIN EACH CONSTRUCTION STAGE AS DIRECTED BY THE ENGINEER TO MAINTAIN MUTCD SIGNAL REQUIREMENTS.
2. CABLING FOR THE INSTALLATION OF TEMPORARY SIGNAL HEADS SHALL BE FROM ADDITIONAL CABLES WITHIN THE POLE, OR FROM SPLICING EXISTING TRAFFIC SIGNAL CABLE WITHIN THE SIGNAL POLE. NO CABLING FORM THE CONTROL CABINET SHALL BE DONE FOR THE TEMPORARY SIGNALS.
3. THE DEPARTMENT IS RESPONSIBLE FOR DETECTION CHANGES, TIMING CHANGES, AND KNOCKDOWNS. CONTRACTOR IS RESPONSIBLE FOR BAGGING HEADS AND INSTALLATION AND MAINTENANCE OF TEMPORARY HEADS.
4. THE CONTRACTOR SHALL CONSULT THE DEPARTMENT PRIOR TO CLOSING OR ALTERING PEDESTRIAN CROSSINGS. COORDINATE PEDESTRIAN CROSSING ACCOMMODATIONS WITH THE DEPARTMENT PRIOR TO PEDESTRIAN ACCOMMODATION REVISIONS.

TRAFFIC CONTROL SIGNAL
STH 241 & W RAMSEY AVENUE
CITIES OF GREENFIELD/MILWAUKEE
MILWAUKEE COUNTY

SIGNAL NO. S40-1165

REGION CONTACT: J. MURPHY
DESIGNED BY:
REVISED BY: GRAEF

PAGE 1 OF 3

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	MODIFY EXISTING TRAFFIC SIGNAL DURING CONSTRUCTION STAGE 1A & 1B	SHEET 192	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\SIGNALS\05_RAMSEY\024001_ST5.DWG
LAYOUT NAME - S40-1165_R3_pg1

PLOT DATE : 11/19/2024 10:38 AM PLOT BY : BIEBERITZ, BEN PLOT NAME : PLOT SCALE : ##########

WISDOT/CADDS SHEET 42

LEGEND

- CONTROL CABINET
- NONMETALLIC CONDUIT 2", UNLESS OTHERWISE NOTED
- NONMETALLIC INTERCONNECT CONDUIT 2", UNLESS OTHERWISE NOTED
- LOOP DETECTOR CONDUIT 1" NONMETALLIC
- SIGNAL HEAD, TRAFFIC SIGNAL STANDARD, PEDESTAL BASE
- (XX) MONOTUBE BASE, POLE, 15'-30' ARM
- (XX) MONOTUBE BASE, POLE, 35'-55' ARM
- PEDESTRIAN HEAD WITH PUSH BUTTON
- PUSH BUTTON
- LOOP DETECTOR IN 1" NONMETALLIC CONDUIT
- PULL BOX, 24" X 36"
- PULL BOX, 24" X 42"
- COMMUNICATION VAULT
- LUMINAIRE UNDER PERMIT TO LOCAL MUNICIPALITY
- LUMINAIRE, TRAFFIC POLE, TRANSFORMER BASE
- XX SIGNAL HEAD NUMBER
- R RED CIRCULAR INDICATOR
- Y YELLOW CIRCULAR INDICATOR
- G GREEN CIRCULAR INDICATOR
- RED ARROW
- YELLOW ARROW
- GREEN ARROW
- WALK/DON'T WALK INDICATOR 16" (COUNTDOWN TIMER)
- TRAFFIC SIGNAL HEAD TO BE COVERED AND DE-ENERGIZED
- LANE DESIGNATION FOR INFO ONLY

NOTE: ALL LENSES ARE 12-INCH GRAYSHADE REPRESENTS EXISTING

N

W RAMSEY AVE

SPEED LIMIT= 25 MPH

SPEED LIMIT= 40 MPH

STH 241 (S 27TH ST)

4-6'X20' 3 TURNS EA.

2-6'X20' 3 TURNS EA.

SPEED LIMIT= 30 MPH

STAGING NOTES:

1. BAG OR REMOVE BAGS FROM SIGNALS WITHIN EACH CONSTRUCTION STAGE AS DIRECTED BY THE ENGINEER TO MAINTAIN MUTCD SIGNAL REQUIREMENTS.
2. CABLING FOR THE INSTALLATION OF TEMPORARY SIGNAL HEADS SHALL BE FROM ADDITIONAL CABLES WITHIN THE POLE, OR FROM SPLICING EXISTING TRAFFIC SIGNAL CABLE WITHIN THE SIGNAL POLE. NO CABLING FORM THE CONTROL CABINET SHALL BE DONE FOR THE TEMPORARY SIGNALS.
3. THE DEPARTMENT IS RESPONSIBLE FOR DETECTION CHANGES, TIMING CHANGES, AND KNOCKDOWNS. CONTRACTOR IS RESPONSIBLE FOR BAGGING HEADS AND INSTALLATION AND MAINTENANCE OF TEMPORARY HEADS.
4. THE CONTRACTOR SHALL CONSULT THE DEPARTMENT PRIOR TO CLOSING OR ALTERING PEDESTRIAN CROSSINGS. COORDINATE PEDESTRIAN CROSSING ACCOMMODATIONS WITH THE DEPARTMENT PRIOR TO PEDESTRIAN ACCOMMODATION REVISIONS.

TRAFFIC CONTROL SIGNAL
STH 241 & W RAMSEY AVENUE
CITIES OF GREENFIELD/MILWAUKEE
MILWAUKEE COUNTY

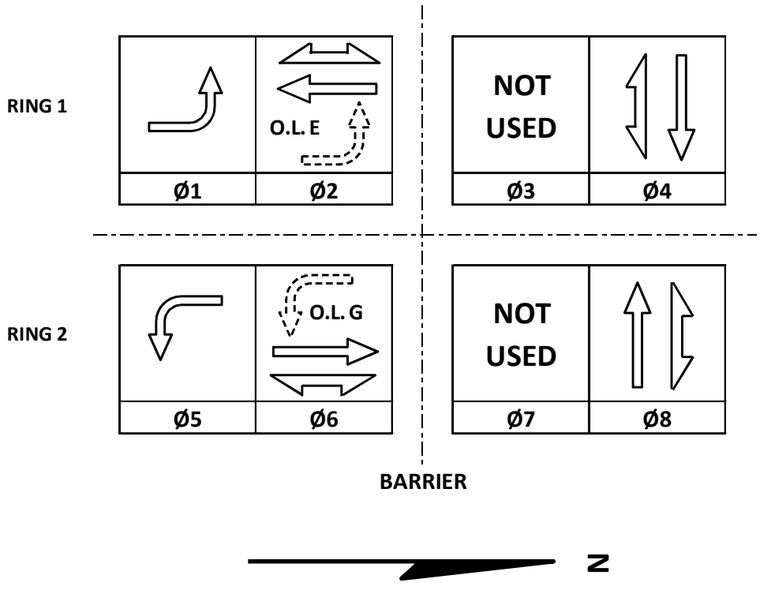
SIGNAL NO. S40-1165

REGION CONTACT: J. MURPHY
DESIGNED BY:
REVISED BY: GRAEF

PAGE 2 OF 3

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	MODIFY EXISTING TRAFFIC SIGNAL DURING CONSTRUCTION STAGE 2A & 2B	SHEET 193	E

	HEAD NUMBERS	FLASH
Ø1	5,6	-
Ø2	7,8,9,10	R
Ø3		
Ø4	13,14,15	R
Ø5	11,12	-
Ø6	1,2,3,4	R
Ø7		
Ø8	16,17,18	R
Ø2P	21,22	
Ø4P	23,24	
Ø6P	19,20	
Ø8P	25,26	
OLE	5,6	R ←
OLF		
OLG	11,12	R ←
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

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	X
ADAPTIVE	
*LOCATION OF MASTER CONTROLLER NO:	S-
SIGNAL SYSTEM NO:	SS- 00-63

TYPE OF LIGHTING	
BY OTHER AGENCY	
IN TRAFFIC CABINET	X
IN SEPARATE DOT LIGHTING CABINET	

TYPE OF PRE-EMPT	
NONE	X
RAILROAD	
EMERGENCY VEHICLE	
GTT	
TOMAR	
HARDWIRE	
OTHER	
LIFT BRIDGE	
QUEUE DETECTION	

DETECTOR LOGIC

DETECTOR INPUT	3	1	7	5	11	9	15	13	19	17	23	21	27	25	31	29	DETECTOR INPUT
PLAN LOOP DETECTOR*(S)	41	11,12	61	44,45		82,83											PLAN LOOP DETECTOR*(S)
CALLED PHASE	4	1	6	4		8											CALLED PHASE
CALL OPTION		X	X	X		X											CALL OPTION
DELAY TIME						X											DELAY TIME
EXTENTION OPTION	X	X	X	X		X											EXTENTION OPTION
EXTEND TIME	X																EXTEND TIME
USE ADDED INITIAL			X														USE ADDED INITIAL
CROSS SWITCH PHASE		2															CROSS SWITCH PHASE

DETECTOR INPUT	4	2	8	6	12	10	16	14	20	18	24	22	28	26	32	30	DETECTOR INPUT
PLAN LOOP DETECTOR*(S)	42,43	21	81	51,52		84,85											PLAN LOOP DETECTOR*(S)
CALLED PHASE	4	2	8	5		8											CALLED PHASE
CALL OPTION	X	X		X		X											CALL OPTION
DELAY TIME	X																DELAY TIME
EXTENTION OPTION	X	X	X	X		X											EXTENTION OPTION
EXTEND TIME			X														EXTEND TIME
USE ADDED INITIAL		X															USE ADDED INITIAL
CROSS SWITCH PHASE				6													CROSS SWITCH PHASE

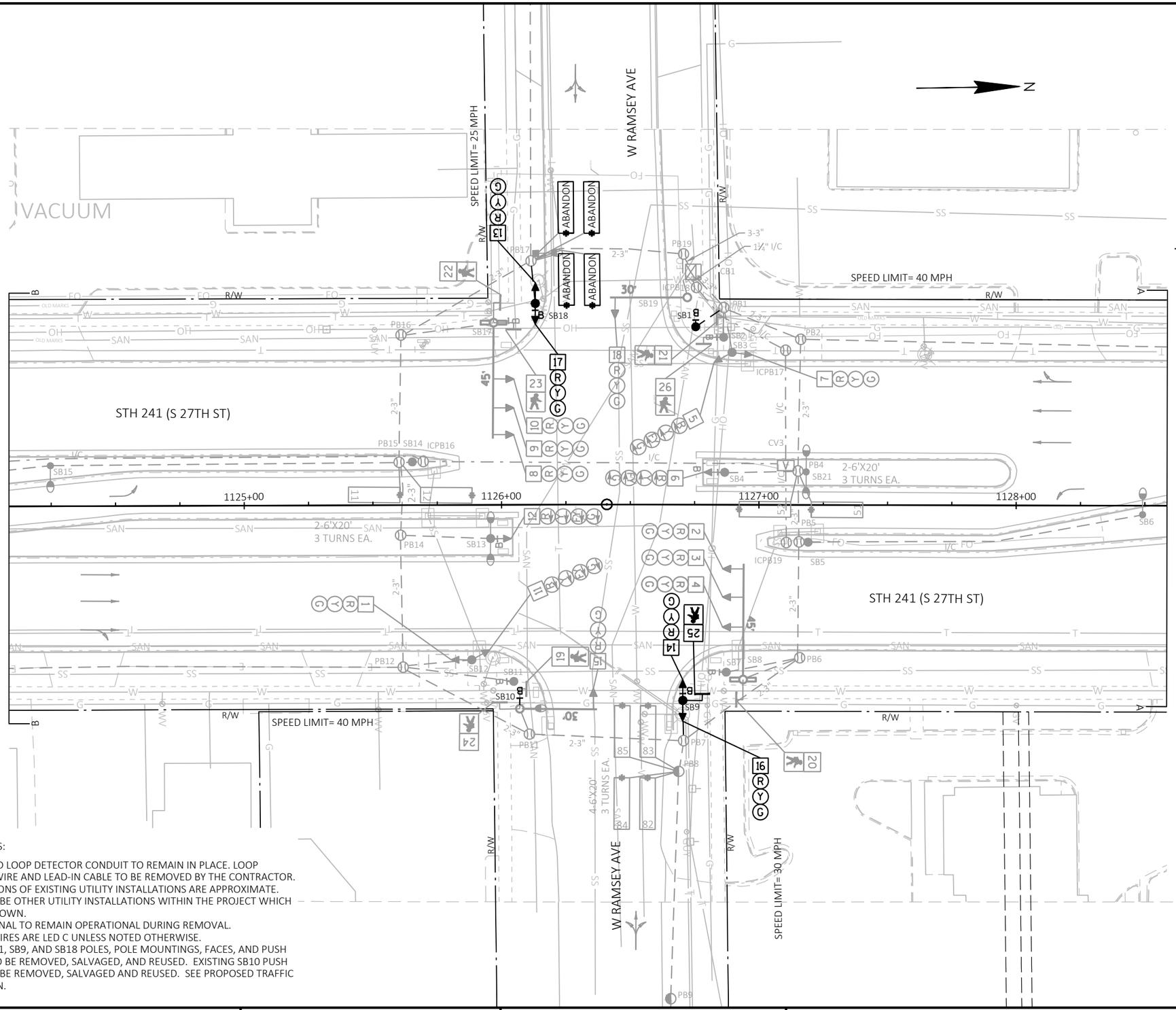
GENERAL NOTES MODIFIED FOR CONSTRUCTION:

1. REFER TO TRAFFIC CONTROL PEDESTRIAN ACCOMODATIONS PLANS FOR WHERE PEDESTRIANS ARE ACCOMODATED DURING CONSTRUCTION STAGING. CONTRACTOR SHALL CONSULT THE DEPARTMENT PRIOR TO CLOSING OR ALTERING PEDESTRAIN CROSSINGS.

STH 241 & RAMSEY AVENUE
CITIES OF GREENFIELD/MILWAUKEE
MILWAUKEE COUNTY
SIGNAL NO: S40-1165 CABINET TYPE: TS2
CONTROLLER TYPE: ECONOLITE
DATE: 11/2024 PAGE NO. 3 OF 3

FILE NAME : \\WKE31FP1\n3public\SPO\Operations\Signal_Ops\Signal Design\Sequence of Ops\Milwaukee\S40-1165\Econolite SEQ.pptm PLOT DATE : 7/28/2014 9:15AM PLOT BY : WOLFORD, DERRIN PLOT NAME : _____ PLOT SCALE : 1:1

2



LEGEND

- CONTROL CABINET
- NONMETALLIC CONDUIT 2", UNLESS OTHERWISE NOTED
- NONMETALLIC INTERCONNECT CONDUIT 2", UNLESS OTHERWISE NOTED
- LOOP DETECTOR CONDUIT 1" NONMETALLIC
- SIGNAL HEAD, TRAFFIC SIGNAL STANDARD, PEDESTAL BASE
- (XX) MONOTUBE BASE, POLE, 15'-30' ARM
- (XX) MONOTUBE BASE, POLE, 35'-55' ARM
- PEDESTRIAN HEAD WITH PUSH BUTTON
- PUSH BUTTON
- LOOP DETECTOR IN 1" NONMETALLIC CONDUIT
- PULL BOX, 24" X 36"
- PULL BOX, 24" X 42"
- COMMUNICATION VAULT
- LUMINAIRE UNDER PERMIT TO LOCAL MUNICIPALITY
- LUMINAIRE, TRAFFIC POLE, TRANSFORMER BASE
- XX SIGNAL HEAD NUMBER
- R RED CIRCULAR INDICATOR
- Y YELLOW CIRCULAR INDICATOR
- G GREEN CIRCULAR INDICATOR
- RED ARROW
- YELLOW ARROW
- GREEN ARROW
- WALK/DON'T WALK INDICATOR 16" (COUNTDOWN TIMER)
- LANE DESIGNATION FOR INFO ONLY

NOTE: ALL LENSES ARE 12-INCH
GRAYSHADE REPRESENTS EXISTING

MONOTUBE STRUCTURES
SB8 = S-40-1165
SB10 = S-40-1166
SB17 = S-40-1167
SB19 = S-40-1164

REMOVAL NOTES:

1. ABANDONED LOOP DETECTOR CONDUIT TO REMAIN IN PLACE. LOOP DETECTOR WIRE AND LEAD-IN CABLE TO BE REMOVED BY THE CONTRACTOR.
2. THE LOCATIONS OF EXISTING UTILITY INSTALLATIONS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT WHICH ARE NOT SHOWN.
3. TRAFFIC SIGNAL TO REMAIN OPERATIONAL DURING REMOVAL.
4. ALL LUMINAIRES ARE LED C UNLESS NOTED OTHERWISE.
5. EXISTING SB1, SB9, AND SB18 POLES, POLE MOUNTINGS, FACES, AND PUSH BUTTONS TO BE REMOVED, SALVAGED, AND REUSED. EXISTING SB10 PUSH BUTTON TO BE REMOVED, SALVAGED AND REUSED. SEE PROPOSED TRAFFIC SIGNAL PLAN.

TRAFFIC CONTROL SIGNAL
STH 241 & W RAMSEY AVENUE
CITIES OF GREENFIELD/MILWAUKEE
MILWAUKEE COUNTY

SIGNAL NO. S40-1165

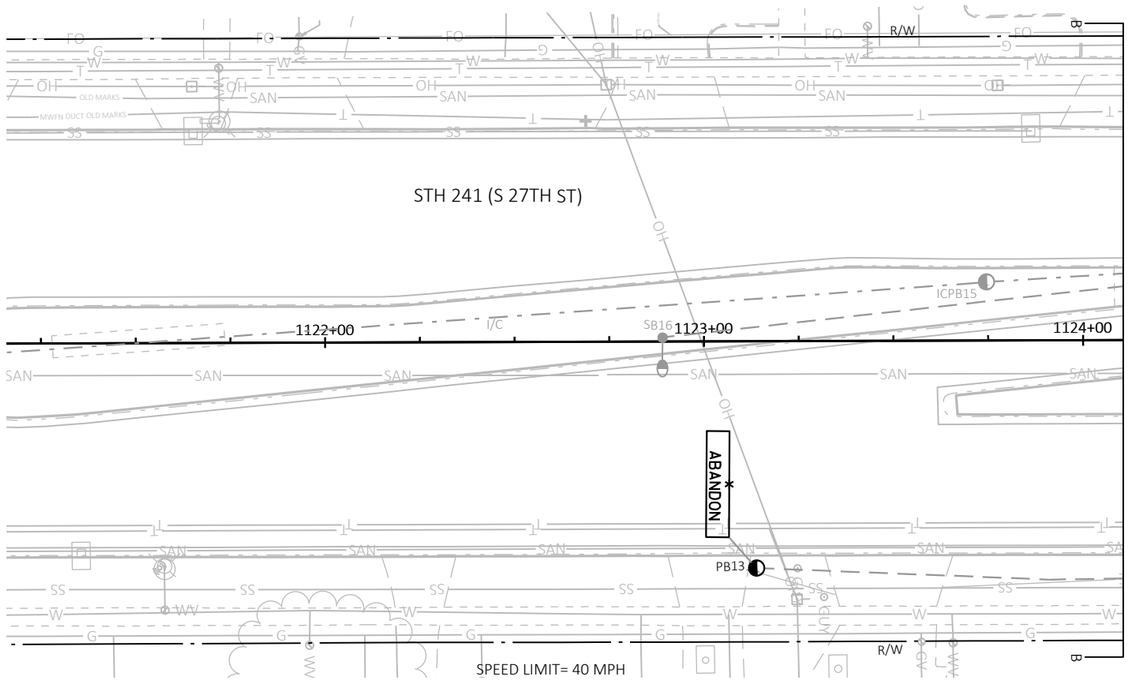
REGION CONTACT: J. MURPHY
DESIGNED BY:
REVISED BY: GRAEF

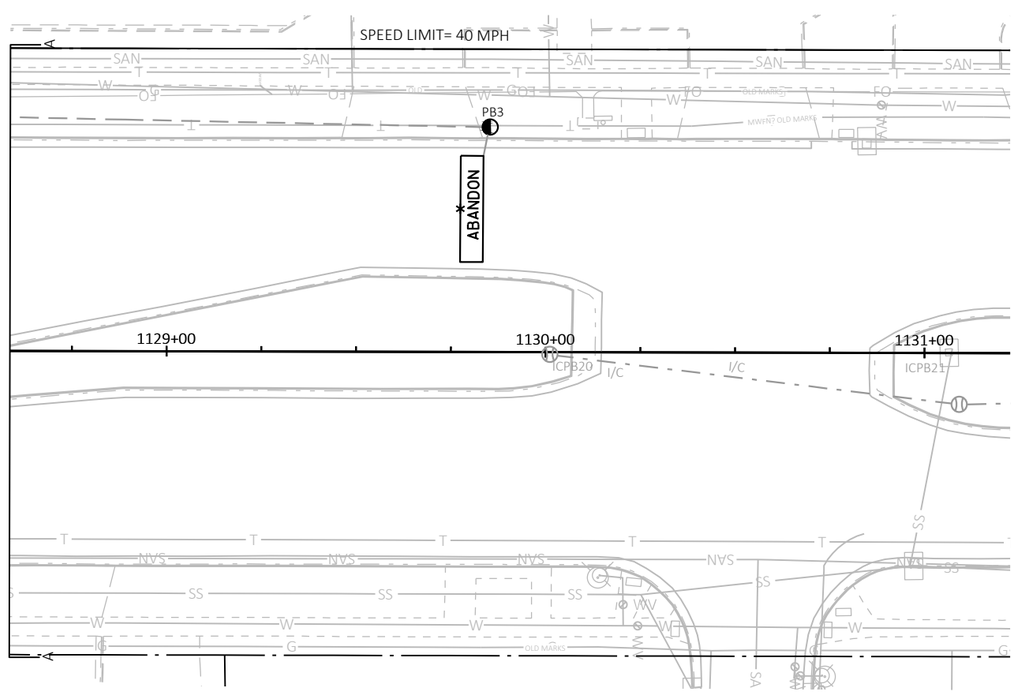
PAGE 1 OF 2

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	TRAFFIC SIGNAL REMOVAL PLAN	SHEET 195	E

2

N





TRAFFIC CONTROL SIGNAL
STH 241 & W RAMSEY AVENUE
CITIES OF GREENFIELD/MILWAUKEE
MILWAUKEE COUNTY

SIGNAL NO. S40-1165

REGION CONTACT: J. MURPHY
DESIGNED BY:
REVISED BY: GRAEF

PAGE 2 OF 2

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	TRAFFIC SIGNAL REMOVAL PLAN	SHEET 196	E

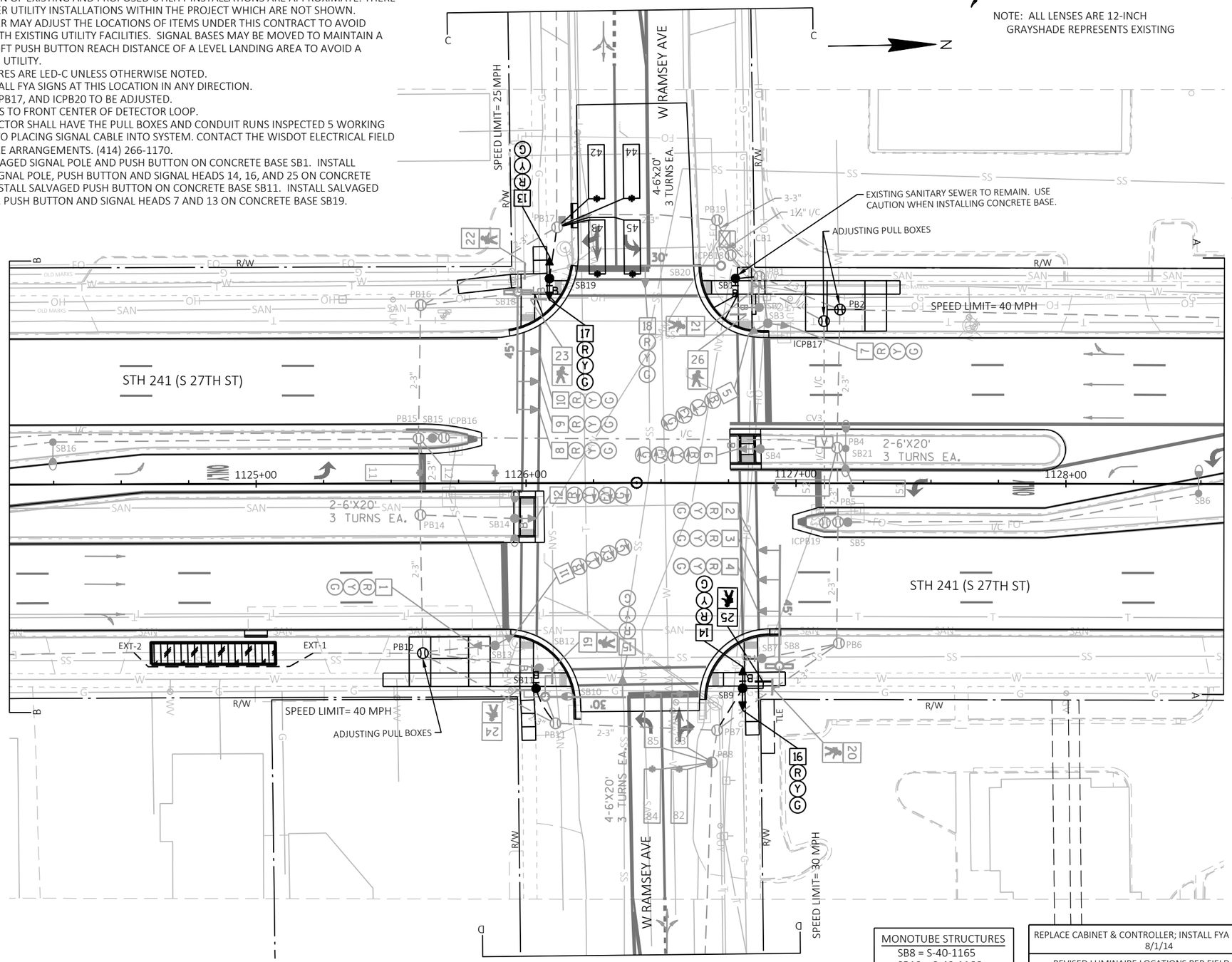
FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\SIGNALS\05_RAMSEY\024011_SR5.DWG
LAYOUT NAME - S40-1165_R3_pg2

PLOT DATE : 11/19/2024 10:39 AM PLOT BY : BIEBERITZ, BEN PLOT NAME : PLOT SCALE : ##########

WISDOT/CADDS SHEET 42

CONSTRUCTION NOTES:

1. THE LOCATION OF EXISTING AND PROPOSED UTILITY INSTALLATIONS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT WHICH ARE NOT SHOWN.
2. THE ENGINEER MAY ADJUST THE LOCATIONS OF ITEMS UNDER THIS CONTRACT TO AVOID CONFLICT WITH EXISTING UTILITY FACILITIES. SIGNAL BASES MAY BE MOVED TO MAINTAIN A MAXIMUM 2-FT PUSH BUTTON REACH DISTANCE OF A LEVEL LANDING AREA TO AVOID A CONFLICTING UTILITY.
3. ALL LUMINAIRES ARE LED-C UNLESS OTHERWISE NOTED.
4. DO NOT INSTALL FYA SIGNS AT THIS LOCATION IN ANY DIRECTION.
5. PB2, PB12, ICPB17, AND ICPB20 TO BE ADJUSTED.
6. * LOCATION IS TO FRONT CENTER OF DETECTOR LOOP.
7. 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.
8. INSTALL SALVAGED SIGNAL POLE AND PUSH BUTTON ON CONCRETE BASE SB1. INSTALL SALVAGED SIGNAL POLE, PUSH BUTTON AND SIGNAL HEADS 14, 16, AND 25 ON CONCRETE BASE SB9. INSTALL SALVAGED PUSH BUTTON ON CONCRETE BASE SB11. INSTALL SALVAGED SIGNAL POLE, PUSH BUTTON AND SIGNAL HEADS 7 AND 13 ON CONCRETE BASE SB19.



LEGEND

- CONTROL CABINET
- NONMETALLIC CONDUIT 2", UNLESS OTHERWISE NOTED
- NONMETALLIC INTERCONNECT CONDUIT 2", UNLESS OTHERWISE NOTED
- LOOP DETECTOR CONDUIT 1" NONMETALLIC
- SIGNAL HEAD, TRAFFIC SIGNAL STANDARD, PEDESTAL BASE
- (XX) MONOTUBE BASE, POLE, 15'-30' ARM
- (XX) MONOTUBE BASE, POLE, 35'-55' ARM
- PEDESTRIAN HEAD WITH PUSH BUTTON
- PUSH BUTTON
- LOOP DETECTOR IN 1" NONMETALLIC CONDUIT
- PULL BOX, 24" X 36"
- PULL BOX, 24" X 42"
- COMMUNICATION VAULT
- LUMINAIRE UNDER PERMIT TO LOCAL MUNICIPALITY
- LUMINAIRE, TRAFFIC POLE, TRANSFORMER BASE
- XX SIGNAL HEAD NUMBER
- R RED CIRCULAR INDICATOR
- Y YELLOW CIRCULAR INDICATOR
- G GREEN CIRCULAR INDICATOR
- R RED ARROW
- Y YELLOW ARROW
- G GREEN ARROW
- WALK/DON'T WALK INDICATOR 16" (COUNTDOWN TIMER)

MONOTUBE STRUCTURES
SB8 = S-40-1165
SB10 = S-40-1166
SB18 = S-40-1167
SB20 = S-40-1164

REPLACE CABINET & CONTROLLER; INSTALL FYA FOR NB & SB 8/1/14

REVISED LUMINAIRE LOCATIONS PER FIELD REVIEW 5/26/11

RECONSTRUCT SIGNAL 12/7/09

REVISION				
REV. NO.	REPLACE ADVANCE DETECTION LOOPS ON STH 241			
	APPROVAL RECOMMENDED		APPROVED	
3	REGION		CENTRAL OFFICE	
	DATE	BY	DATE	BY

TRAFFIC CONTROL SIGNAL
STH 241 & W RAMSEY AVENUE
CITIES OF GREENFIELD/MILWAUKEE
MILWAUKEE COUNTY
CABINET TYPE: TS2
SIGNAL NO. S40-1165 CONTROLLER TYPE: ECONOLITE

WISCONSIN DEPARTMENT OF TRANSPORTATION

APPROVAL RECOMMENDED
DATE 8/3/83 — JOHN A. WHITE, REGION TRAFFIC ENGINEER

APPROVED
DATE 12/11/81 — H. O. PRICE, STATE TRAFFIC ENGINEER

REGION CONTACT: J. MURPHY
DESIGNED BY:
REVISED BY: GRAEF

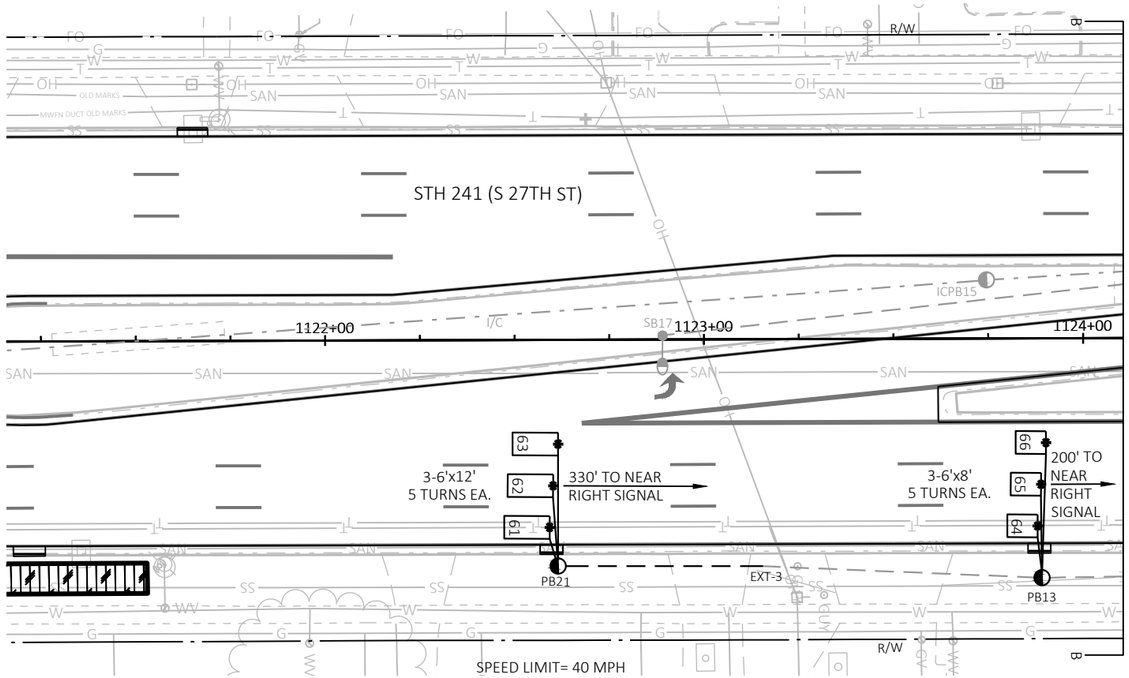
PAGE 1 OF 3

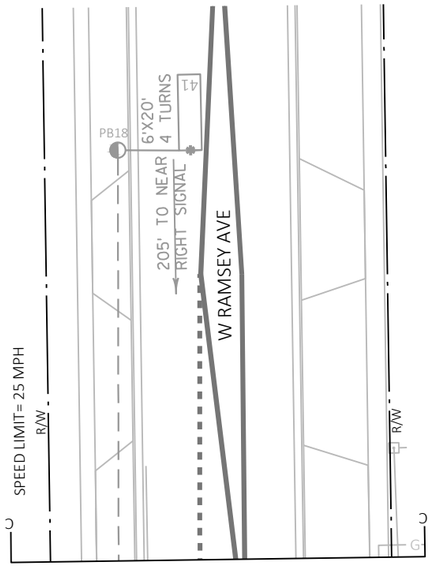
PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	TRAFFIC SIGNAL PLAN	SHEET 197	E

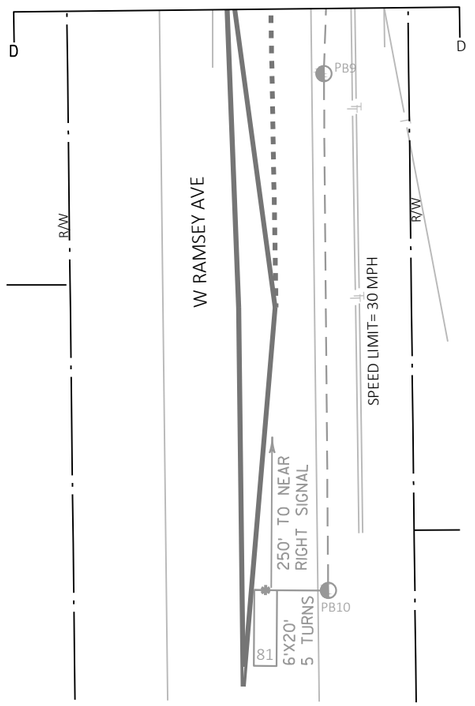
FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\SIGNALS\05_RAMSEY\024021_SP5.DWG
LAYOUT NAME - S40-1165_R3_pg1
PLOT DATE : 11/19/2024 10:39 AM PLOT BY : BIEBERITZ, BEN PLOT NAME : PLOT SCALE : ##########

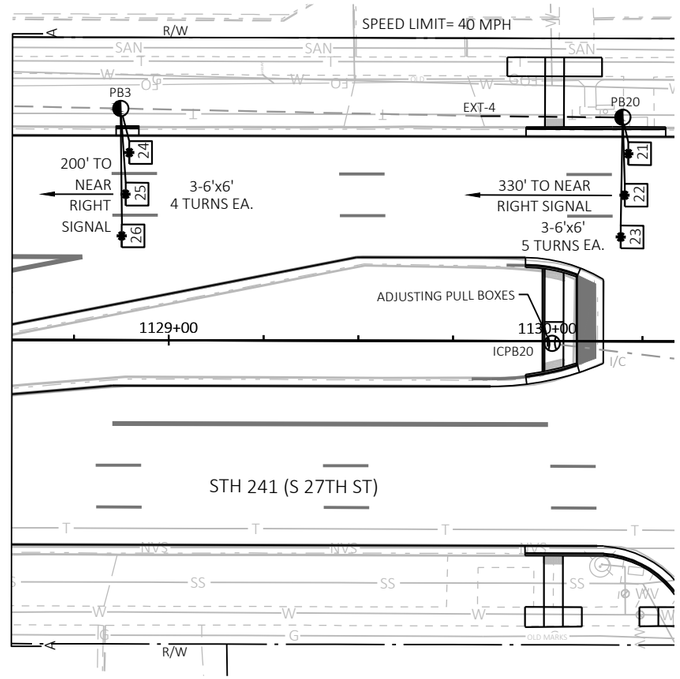
WISDOT/CADDS SHEET 42

2









TRAFFIC CONTROL SIGNAL
STH 241 & W RAMSEY AVENUE
CITIES OF GREENFIELD/MILWAUKEE
MILWAUKEE COUNTY

SIGNAL NO. S40-1165

REGION CONTACT: J. MURPHY
DESIGNED BY:
REVISED BY: GRAEF

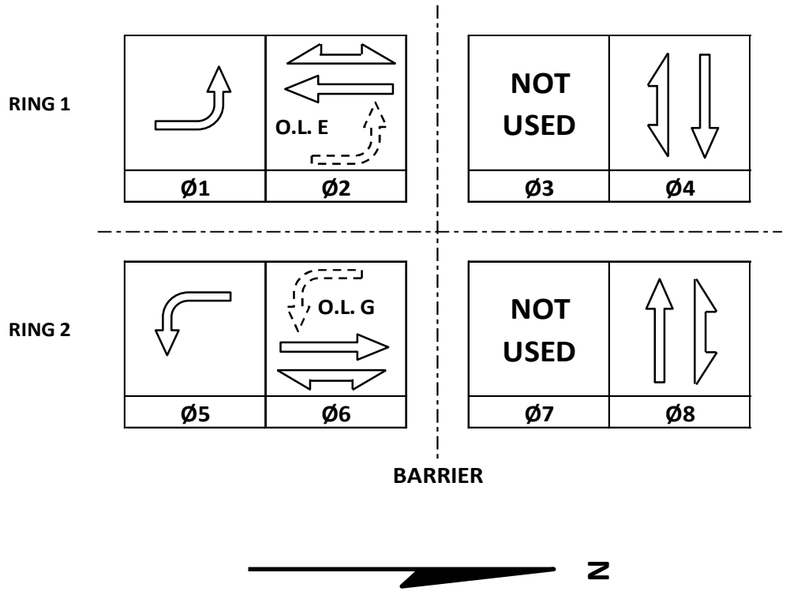
PAGE 2 OF 3

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	TRAFFIC SIGNAL PLAN	SHEET 198	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\SIGNALS\05_RAMSEY\024021_SP5.DWG
LAYOUT NAME - S40-1165_R3_pg2

PLOT DATE : 11/19/2024 10:39 AM PLOT BY : BIEBERITZ, BEN PLOT NAME : PLOT SCALE : ##########

	HEAD NUMBERS	FLASH
Ø1	5,6	-
Ø2	7,8,9,10	R
Ø3		
Ø4	13,14,15	R
Ø5	11,12	-
Ø6	1,2,3,4	R
Ø7		
Ø8	16,17,18	R
Ø2P	21,22	
Ø4P	23,24	
Ø6P	19,20	
Ø8P	25,26	
OLE	5,6	R ←
OLF		
OLG	11,12	R ←
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

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	X
ADAPTIVE	
*LOCATION OF MASTER CONTROLLER NO:	S-
SIGNAL SYSTEM NO:	SS- 00-63

TYPE OF LIGHTING	
BY OTHER AGENCY	
IN TRAFFIC CABINET	X
IN SEPARATE DOT LIGHTING CABINET	

TYPE OF PRE-EMPT	
NONE	X
RAILROAD	
EMERGENCY VEHICLE	
GTT	
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	DETECTOR INPUT
PLAN LOOP DETECTOR*(S)	11	21	23	25	41	43	45	52	62	64	66	82	84				PLAN LOOP DETECTOR*(S)
CALLED PHASE	1	2	2	2	4	4	4	5	6	6	6	8	8				CALLED PHASE
CALL OPTION	X	X	X	X		X	X	X	X	X	X	X	X				CALL OPTION
DELAY TIME						X	X					X	X				DELAY TIME
EXTENTION OPTION	X	X	X	X	X	X	X	X	X	X	X	X	X				EXTENTION OPTION
EXTEND TIME					X												EXTEND TIME
USE ADDED INITIAL		X	X	X					X	X	X						USE ADDED INITIAL
CROSS SWITCH PHASE	2							6									CROSS SWITCH PHASE

DETECTOR INPUT	4	2	8	6	12	10	16	14	20	18	24	22	28	26	32	30	DETECTOR INPUT
PLAN LOOP DETECTOR*(S)	12	22	24	26	42	44	51	61	63	65	81	83	85				PLAN LOOP DETECTOR*(S)
CALLED PHASE	1	2	2	2	4	4	5	6	6	6	8	8	8				CALLED PHASE
CALL OPTION	X	X	X	X	X	X	X	X	X	X		X	X				CALL OPTION
DELAY TIME					X	X						X	X				DELAY TIME
EXTENTION OPTION	X	X	X	X	X	X	X	X	X	X	X	X	X				EXTENTION OPTION
EXTEND TIME											X						EXTEND TIME
USE ADDED INITIAL		X	X	X				X	X	X							USE ADDED INITIAL
CROSS SWITCH PHASE	2						6										CROSS SWITCH PHASE

STH 241 & W RAMSEY AVENUE
CITIES OF GREENFIELD/MILWAUKEE
MILWAUKEE COUNTY

SIGNAL NO: S40-1165	CABINET TYPE: TS2
	CONTROLLER TYPE: ECONOLITE
DATE: 11/2024	PAGE NO. 3 OF 3

PROJECT ID:	2265-18-70
INTERSECTION:	STH 241 & W RAMSEY AVE

SIGNAL WIRE COLOR CODING	BLK-BLACK	RED-RED	GRN-GREEN
	WHT-WHITE	BLU-BLUE	ORG-ORANGE

			SIGNAL INDICATION WIRE COLOR									PED BUTTON
CB1 TO	AWG14 # OF CONDUCTORS	HEAD NO.	RED	YELLOW	GREEN	<RED>	<YELLOW>	<GREEN>	FLASHING <YELLOW>	D/WALK	WALK	
SB1	7	B										WHT/BLK
SB2	7	21								BLK	BLU	
		26								RED	GRN	
		B										BLK/WHT
SB3	12	5				RED/BLK	ORG/BLK	GRN/BLK	BLK			
		7	RED	ORG	GRN							
SB4	12	6				RED/BLK	ORG/BLK	GRN/BLK	BLK			
		B										BLK/WHT
SB7	7	B										WHT/BLK
SB8	12	2	RED	ORG	GRN							
		3	RED	ORG	GRN							
		4	RED	ORG	GRN							
		20								WHT/BLK	BLU/BLK	
SB9	12	14	RED	ORG	GRN							
		16	RED/BLK	ORG/BLK	GRN/BLK							
		25								WHT/BLK	BLU/BLK	
		B										BLK/WHT
SB10	12	15	RED	ORG	GRN							
		24								WHT/BLK	BLU/BLK	
		19								RED/BLK	GRN/BLK	
SB11	7	B										WHT/BLK
SB12	7	B										WHT/BLK
SB13	12	1	RED	ORG	GRN							
		11				RED/BLK	ORG/BLK	GRN/BLK	BLK			
SB14	12	12				RED/BLK	ORG/BLK	GRN/BLK	BLK			
		B										BLK/WHT
SB18	12	8	RED	ORG	GRN							
		9	RED	ORG	GRN							
		10	RED	ORG	GRN							
		23								WHT/BLK	BLU/BLK	
		22								RED/BLK	GRN/BLK	
		B										BLK/WHT
SB19	12	13	RED	ORG	GRN							
		17	RED/BLK	ORG/BLK	GRN/BLK							
		B										BLK/WHT
SB20	12	18	RED	ORG	GRN							

EQUIPMENT GROUNDING CONDUCTOR 10 AWG GRN XLP	
FROM	TO
CB1	SB1
SB1	SB2
SB2	SB3
SB3	SB4
SB4	SB5
SB5	SB7
SB7	SB8
SB8	SB9
SB9	SB10
SB10	SB11
SB11	SB12
SB12	SB13
SB13	SB14
SB14	SB15
SB15	SB18
SB18	SB19
SB19	SB20
SB20	CB1

LIGHTING UF 10 AWG W/ GROUND	
FROM	TO
CB1	SB21
SB21	SB6
SB6	SB10
SB10	SB14
SB14	SB16
SB16	SB17

PULL BOX BONDING JUMPER 10 AWG GRN XLP	
FROM	TO
PB1	SB1
PB2	SB1
PB4	SB4
PB5	SB5
PB6	SB8
PB7	SB9
PB11	SB10
PB12	SB13
PB14	SB14
PB15	SB15
PB16	SB18
PB17	SB19
PB19	CB1

NOTES:
*USE WHITE CONDUCTOR IN THE SIGNAL CABLE AS THE GROUNDED CONDUCTOR FOR ALL TRAFFIC SIGNAL INDICATIONS.
*ENSURE THE GROUNDED CONDUCTOR IN THE FEEDER CABLE AND THE POLE CABLES ARE BOTH 18" LONGER THAN THE UNGROUNDED CONDUCTORS.
*RECONNECT THE GROUNDING CONDUCTORS WHENEVER THE CIRCUIT HAS BEEN INTERRUPTED TO ENSURE THE GROUNDING CIRCUIT IS COMPLETE.

LEGEND

- CONTROL CABINET
- NONMETALLIC CONDUIT 2", UNLESS OTHERWISE NOTED
- NONMETALLIC INTERCONNET CONDUIT 2", UNLESS OTHERWISE NOTED
- LOOP DETECTOR CONDUIT 1" NONMETALLIC
- SIGNAL HEAD, TRAFFIC SIGNAL STANDARD, PEDESTAL BASE
- (XX) MONOTUBE BASE, POLE, 15'-30' ARM
- (XX) MONOTUBE BASE, POLE, 35'-55' ARM
- PEDESTRIAN HEAD WITH PUSH BUTTON
- PUSH BUTTON
- 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
- R ARROW
- Y ARROW
- G ARROW

- WALK/DON'T WALK INDICATOR 16" (COUNTDOWN TIMER)
- LANE DESIGNATION FOR INFO ONLY
- TRAFFIC SIGNAL HEAD TO BE COVERED AND DE-ENERGIZED

NOTE: ALL LENSES ARE 12-INCH
GRAYSHADE REPRESENTS EXISTING

N

W PARNELL AVE

SPEED LIMIT= 25 MPH

SPEED LIMIT= 40 MPH

STH 241 (S 27TH ST)

1137+00 1138+00 1139+00 1140+00 1141+00 1142+00 1143+00

2-6'X20' 3 TURNS EA.

4-6'X20' 3 TURNS EA.

STAGING NOTES:

1. BAG OR REMOVE BAGS FROM SIGNALS WITHIN EACH CONSTRUCTION STAGE AS DIRECTED BY THE ENGINEER TO MAINTAIN MUTCD SIGNAL REQUIREMENTS.
2. CABLING FOR THE INSTALLATION OF TEMPORARY SIGNAL HEADS SHALL BE FROM ADDITIONAL CABLES WITHIN THE POLE, OR FROM SPLICING EXISTING TRAFFIC SIGNAL CABLE WITHIN THE SIGNAL POLE. NO CABLING FORM THE CONTROL CABINET SHALL BE DONE FOR THE TEMPORARY SIGNALS.
3. THE DEPARTMENT IS RESPONSIBLE FOR DETECTION CHANGES, TIMING CHANGES, AND KNOCKDOWNS. CONTRACTOR IS RESPONSIBLE FOR BAGGING HEADS AND INSTALLATION AND MAINTENANCE OF TEMPORARY HEADS.
4. THE CONTRACTOR SHALL CONSULT THE DEPARTMENT PRIOR TO CLOSING OR ALTERING PEDESTRIAN CROSSINGS. COORDINATE PEDESTRIAN CROSSING ACCOMMODATIONS WITH THE DEPARTMENT PRIOR TO PEDESTRIAN ACCOMMODATION REVISIONS.

TRAFFIC CONTROL SIGNAL
STH 241 & W PARNELL AVENUE
CITY OF MILWAUKEE
MILWAUKEE COUNTY

SIGNAL NO. S40-1205

REGION CONTACT: J. MURPHY
DESIGNED BY:
REVISED BY: GRAEF

PAGE 1 OF 3

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	MODIFY EXISTING TRAFFIC SIGNAL DURING CONSTRUCTION STAGE 1A & 1B	SHEET 201	E

LEGEND

- CONTROL CABINET
- NONMETALLIC CONDUIT 2", UNLESS OTHERWISE NOTED
- NONMETALLIC INTERCONNET CONDUIT 2", UNLESS OTHERWISE NOTED
- LOOP DETECTOR CONDUIT 1" NONMETALLIC
- SIGNAL HEAD, TRAFFIC SIGNAL STANDARD, PEDESTAL BASE
- (XX) MONOTUBE BASE, POLE, 15'-30' ARM
- (XX) MONOTUBE BASE, POLE, 35'-55' ARM
- PEDESTRIAN HEAD WITH PUSH BUTTON
- PUSH BUTTON
- 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
- R RED ARROW
- Y YELLOW ARROW
- G GREEN ARROW

- WALK/DON'T WALK INDICATOR 16" (COUNTDOWN TIMER)
- LANE DESIGNATION FOR INFO ONLY
- TRAFFIC SIGNAL HEAD TO BE COVERED AND DE-ENERGIZED

NOTE: ALL LENSES ARE 12-INCH
GRAYSHADE REPRESENTS EXISTING

N

W PARNELL AVE

SPEED LIMIT= 25 MPH

SPEED LIMIT= 40 MPH

STH 241 (S 27TH ST)

2-6'X20' 3 TURNS EA.

4-6'X20' 3 TURNS EA.

1137+00 1138+00 1139+00 1140+00 1141+00 1142+00 1143+00

STAGING NOTES:

1. BAG OR REMOVE BAGS FROM SIGNALS WITHIN EACH CONSTRUCTION STAGE AS DIRECTED BY THE ENGINEER TO MAINTAIN MUTCD SIGNAL REQUIREMENTS.
2. CABLING FOR THE INSTALLATION OF TEMPORARY SIGNAL HEADS SHALL BE FROM ADDITIONAL CABLES WITHIN THE POLE, OR FROM SPLICING EXISTING TRAFFIC SIGNAL CABLE WITHIN THE SIGNAL POLE. NO CABLING FORM THE CONTROL CABINET SHALL BE DONE FOR THE TEMPORARY SIGNALS.
3. THE DEPARTMENT IS RESPONSIBLE FOR DETECTION CHANGES, TIMING CHANGES, AND KNOCKDOWNS. CONTRACTOR IS RESPONSIBLE FOR BAGGING HEADS AND INSTALLATION AND MAINTENANCE OF TEMPORARY HEADS.
4. THE CONTRACTOR SHALL CONSULT THE DEPARTMENT PRIOR TO CLOSING OR ALTERING PEDESTRIAN CROSSINGS. COORDINATE PEDESTRIAN CROSSING ACCOMMODATIONS WITH THE DEPARTMENT PRIOR TO PEDESTRIAN ACCOMMODATION REVISIONS.

TRAFFIC CONTROL SIGNAL
STH 241 & W PARNELL AVENUE
CITY OF MILWAUKEE
MILWAUKEE COUNTY

SIGNAL NO. S40-1205

REGION CONTACT: J. MURPHY
DESIGNED BY:
REVISED BY: GRAEF

PAGE 2 OF 3

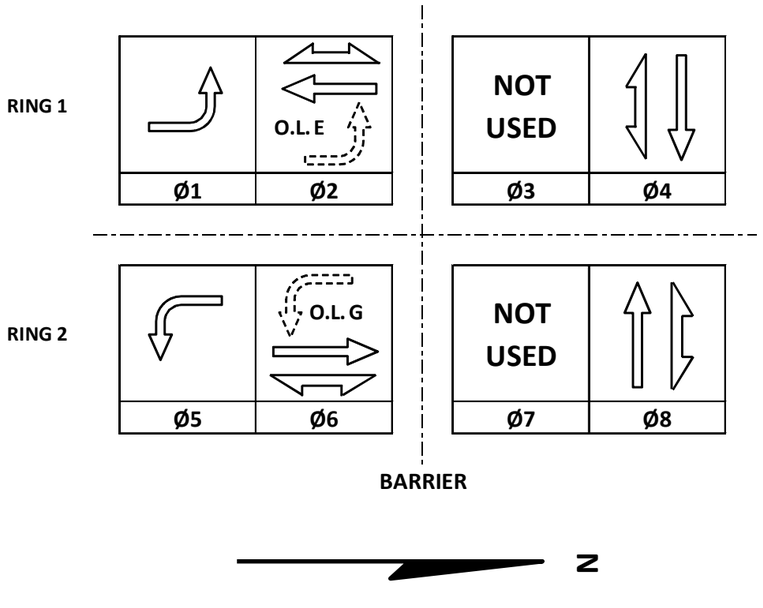
PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	MODIFY EXISTING TRAFFIC SIGNAL DURING CONSTRUCTION STAGE 2A & 2B	SHEET 202	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\SIGNALS\04_PARNELL\024002_ST4.DWG
LAYOUT NAME - S40-1205_R2_pg1

PLOT DATE : 11/19/2024 10:39 AM PLOT BY : BIEBERITZ, BEN PLOT NAME : PLOT SCALE : ##########

WISDOT/CADDS SHEET 42

	HEAD NUMBERS	FLASH
Ø1	5,6	-
Ø2	7,8,9,10	R
Ø3		
Ø4	12,13,14	R
Ø5	11,26	-
Ø6	1,2,3,4	R
Ø7		
Ø8	15,16,17	R
Ø2P	20,21	
Ø4P	22,23	
Ø6P	18,19	
Ø8P	24,25	
OLE	5,6	R ←
OLF		
OLG	11,26	R ←
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

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	X
ADAPTIVE	
*LOCATION OF MASTER CONTROLLER NO:	S-
SIGNAL SYSTEM NO:	SS- 00-63

TYPE OF LIGHTING	
BY OTHER AGENCY	X
IN TRAFFIC CABINET	
IN SEPARATE DOT LIGHTING CABINET	

TYPE OF PRE-EMPT	
NONE	X
RAILROAD	
EMERGENCY VEHICLE	
GTT	
TOMAR	
HARDWIRE	
OTHER	
LIFT BRIDGE	
QUEUE DETECTION	

DETECTOR LOGIC

DETECTOR INPUT	3	1	7	5	11	9	15	13	19	17	23	21	27	25	31	29	DETECTOR INPUT
PLAN LOOP DETECTOR*(S)	41	11,12	61	44,45		82,83											PLAN LOOP DETECTOR*(S)
CALLED PHASE	4	1	6	4		8											CALLED PHASE
CALL OPTION		X	X	X		X											CALL OPTION
DELAY TIME						X											DELAY TIME
EXTENTION OPTION	X	X	X	X		X											EXTENTION OPTION
EXTEND TIME	X																EXTEND TIME
USE ADDED INITIAL			X														USE ADDED INITIAL
CROSS SWITCH PHASE		2															CROSS SWITCH PHASE

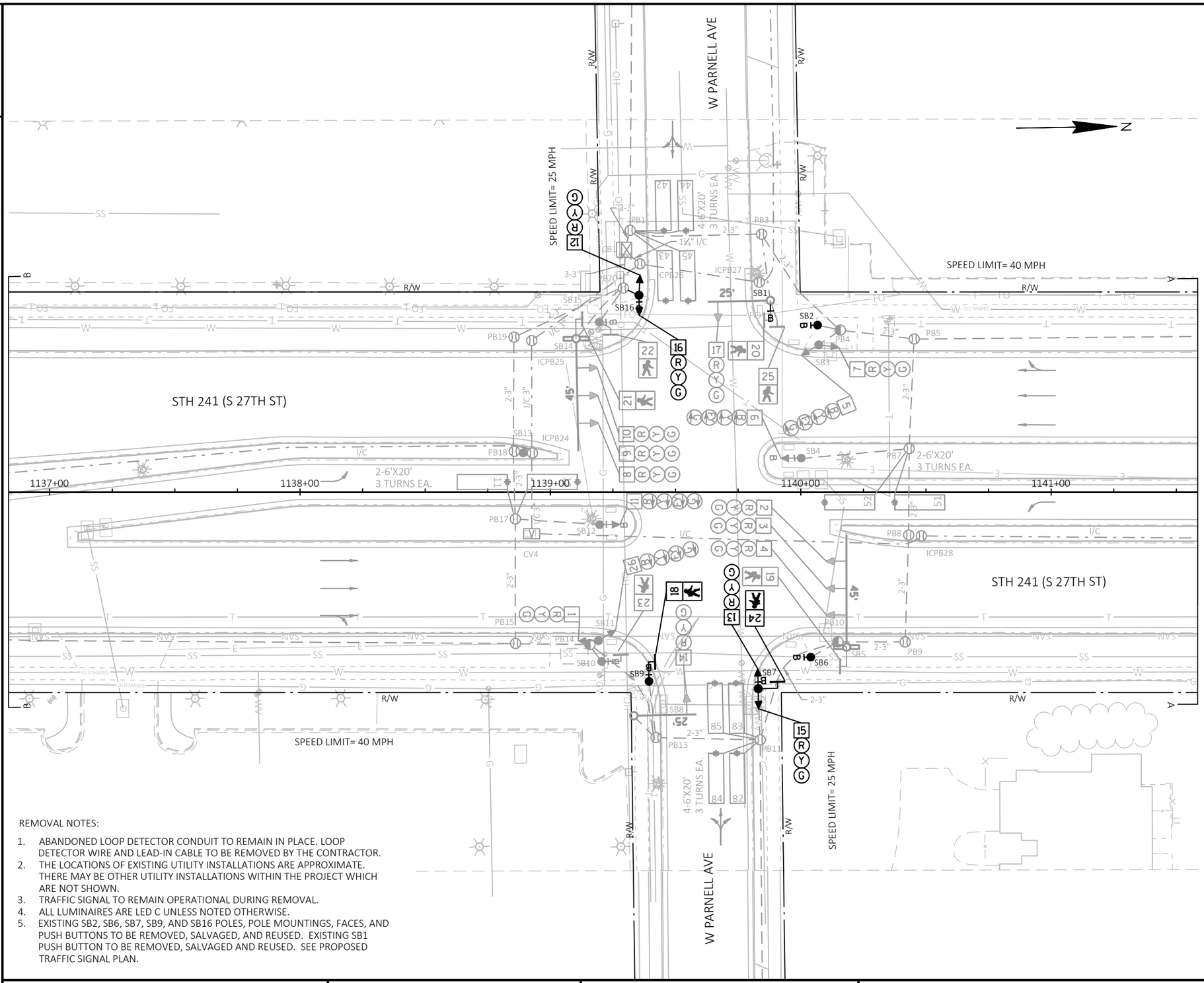
DETECTOR INPUT	4	2	8	6	12	10	16	14	20	18	24	22	28	26	32	30	DETECTOR INPUT
PLAN LOOP DETECTOR*(S)	42,43	21	81	51,52		84,85											PLAN LOOP DETECTOR*(S)
CALLED PHASE	4	2	8	5		8											CALLED PHASE
CALL OPTION	X	X		X		X											CALL OPTION
DELAY TIME	X																DELAY TIME
EXTENTION OPTION	X	X	X	X		X											EXTENTION OPTION
EXTEND TIME			X														EXTEND TIME
USE ADDED INITIAL		X															USE ADDED INITIAL
CROSS SWITCH PHASE				6													CROSS SWITCH PHASE

GENERAL NOTES MODIFIED FOR CONSTRUCTION:

1. REFER TO TRAFFIC CONTROL PEDESTRIAN ACCOMODATIONS PLANS FOR WHERE PEDESTRIANS ARE ACCOMODATED DURING CONSTRUCTION STAGING. CONTRACTOR SHALL CONSULT THE DEPARTMENT PRIOR TO CLOSING OR ALTERING PEDESTRAIN CROSSINGS.

STH 241 & PARNELL AVENUE
CITY OF MILWAUKEE
MILWAUKEE COUNTY
SIGNAL NO: S40-1205 CABINET TYPE: TS2
CONTROLLER TYPE: ECONOLITE
DATE: 11/2024 PAGE NO. 3 OF 3

FILE NAME : \\WKE31FP1\n3public\SPO\Operations\Signal_Ops\Signal Design\Sequence of Ops\Milwaukee\S40-1205\ Econolite SEQ.pptm PLOT DATE : 7/28/2014 9:20AM PLOT BY : WOLFORD, DERRIN PLOT NAME : _____ PLOT SCALE : 1:1



LEGEND

- CONTROL CABINET
- NONMETALLIC CONDUIT 2", UNLESS OTHERWISE NOTED
- NONMETALLIC INTERCONNET CONDUIT 2", UNLESS OTHERWISE NOTED
- LOOP DETECTOR CONDUIT 1" NONMETALLIC
- SIGNAL HEAD, TRAFFIC SIGNAL STANDARD, PEDESTAL BASE
- (XX) MONOTUBE BASE, POLE, 15'-30' ARM
- (XX) MONOTUBE BASE, POLE, 35'-55' ARM
- PEDESTRIAN HEAD WITH PUSH BUTTON
- PUSH BUTTON
- 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
- R RED ARROW
- Y YELLOW ARROW
- G GREEN ARROW
- WALK/DON'T WALK INDICATOR 16" (COUNTDOWN TIMER)
- LANE DESIGNATION FOR INFO ONLY

NOTE: ALL LENSES ARE 12-INCH GRAYSHADE REPRESENTS EXISTING

MONOTUBE STRUCTURES
SB1 = S-40-1171
SB5 = S-40-1168
SB8 = S-40-1169
SB14 = S-40-1170

REMOVAL NOTES:

1. ABANDONED LOOP DETECTOR CONDUIT TO REMAIN IN PLACE. LOOP DETECTOR WIRE AND LEAD-IN CABLE TO BE REMOVED BY THE CONTRACTOR.
2. THE LOCATIONS OF EXISTING UTILITY INSTALLATIONS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT WHICH ARE NOT SHOWN.
3. TRAFFIC SIGNAL TO REMAIN OPERATIONAL DURING REMOVAL.
4. ALL LUMINAIRES ARE LED C UNLESS NOTED OTHERWISE.
5. EXISTING SB2, SB6, SB7, SB9, AND SB16 POLES, POLE MOUNTINGS, FACES, AND PUSH BUTTONS TO BE REMOVED, SALVAGED, AND REUSED. EXISTING SB1 PUSH BUTTON TO BE REMOVED, SALVAGED AND REUSED. SEE PROPOSED TRAFFIC SIGNAL PLAN.

TRAFFIC CONTROL SIGNAL
STH 241 & W PARNELL AVENUE
CITY OF MILWAUKEE
MILWAUKEE COUNTY

SIGNAL NO. S40-1205

REGION CONTACT: J. MURPHY
DESIGNED BY:
REVISED BY: GRAEF

PAGE 1 OF 2

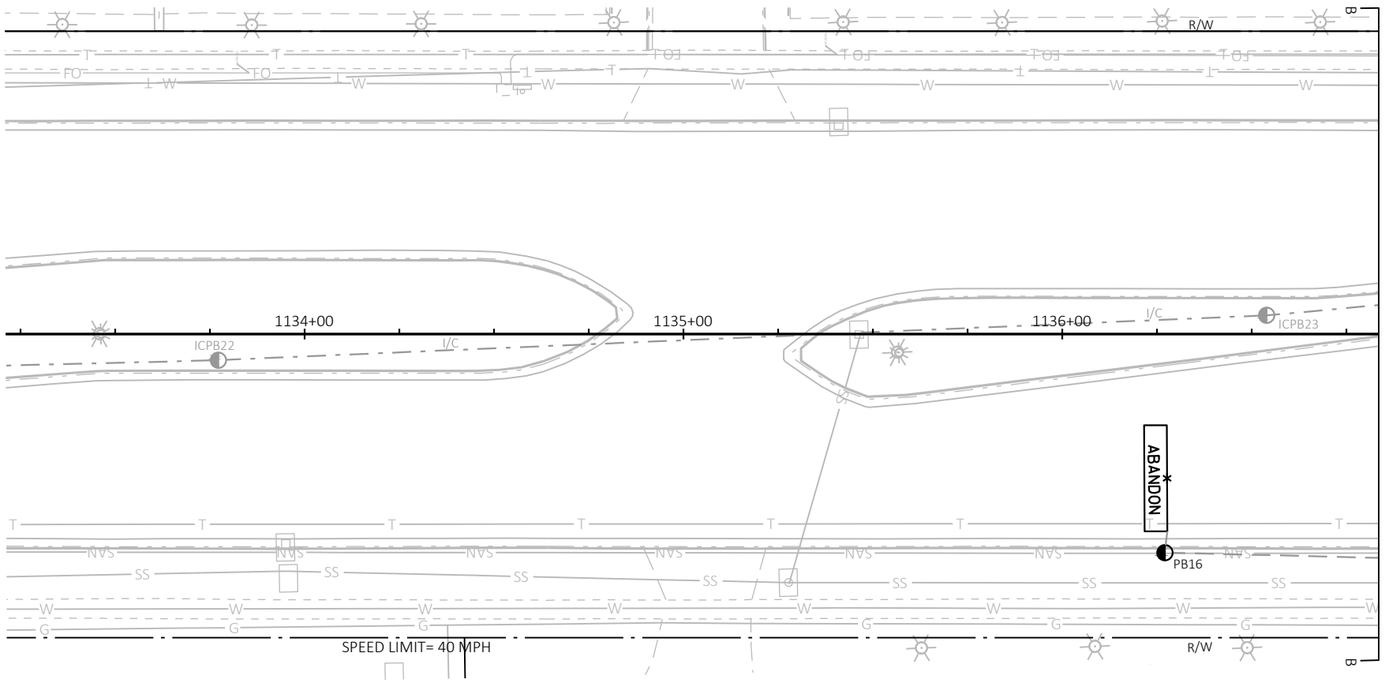
PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	TRAFFIC SIGNAL REMOVAL PLAN	SHEET 204	E

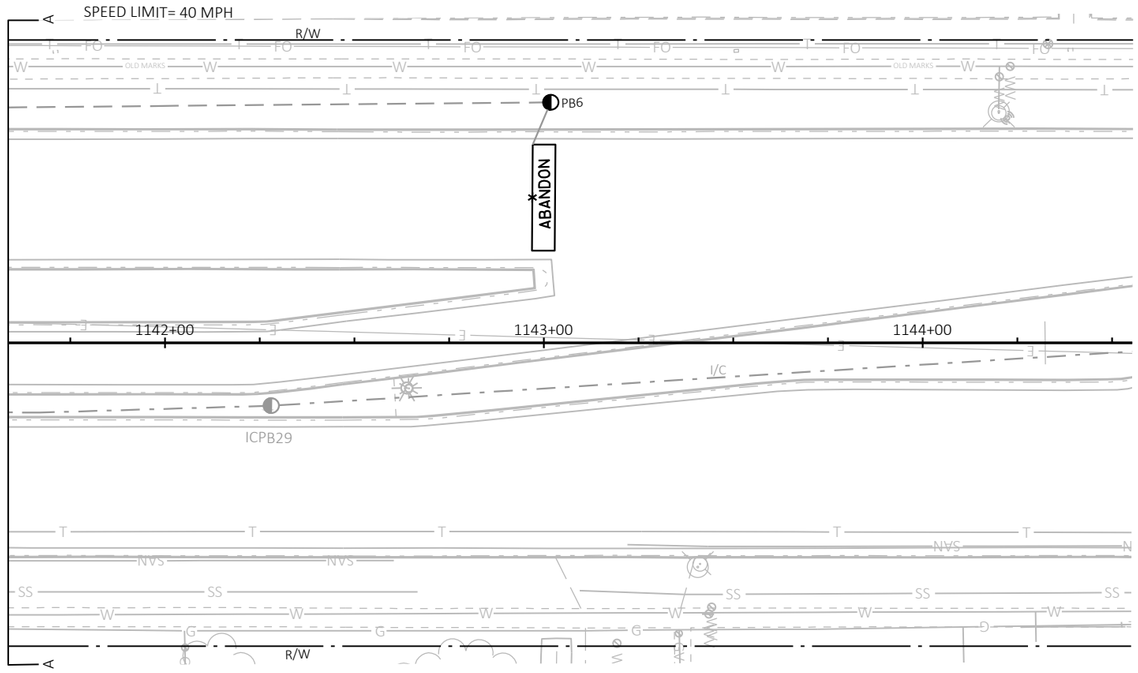
FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\SIGNALS\04_PARNELL\024011_SR4.DWG
LAYOUT NAME - S40-1205_R2_pg1

PLOT DATE : 11/19/2024 10:40 AM PLOT BY : BIEBERITZ, BEN PLOT NAME : PLOT SCALE : ##########

WISDOT/CADDS SHEET 42

2





TRAFFIC CONTROL SIGNAL
STH 241 & W PARNELL AVENUE
CITY OF MILWAUKEE
MILWAUKEE COUNTY

SIGNAL NO. S40-1205

REGION CONTACT: J. MURPHY
DESIGNED BY:
REVISED BY: GRAEF

PAGE 2 OF 2

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	TRAFFIC SIGNAL REMOVAL PLAN	SHEET 205	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\SIGNALS\04_PARNELL\024011_SR4.DWG
LAYOUT NAME - S40-1205_R2_pg2

PLOT DATE : 11/19/2024 10:40 AM PLOT BY : BIEBERITZ, BEN PLOT NAME : PLOT SCALE : ##########

2

CONSTRUCTION NOTES:

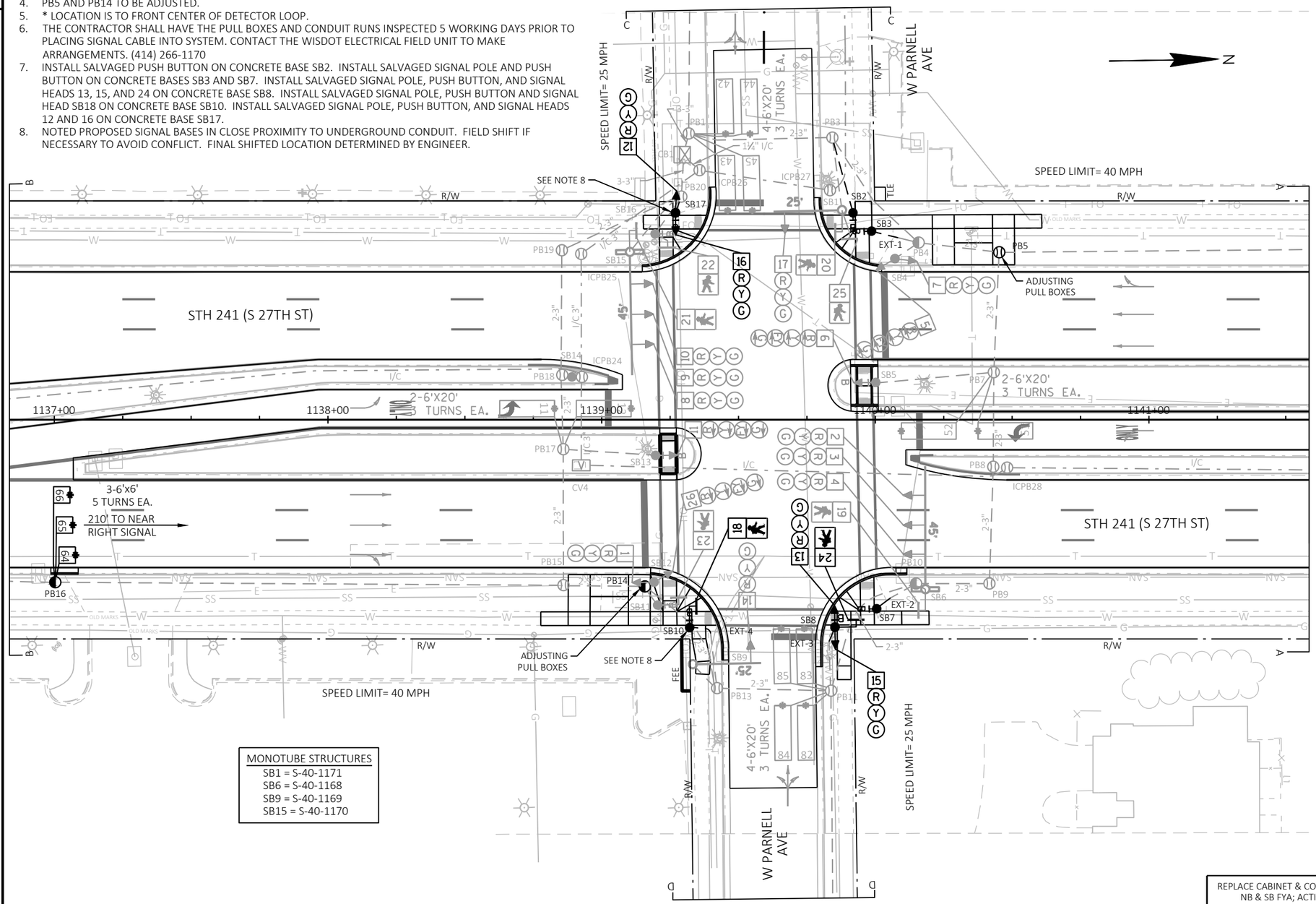
1. THE LOCATION OF EXISTING AND PROPOSED UTILITY INSTALLATIONS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT WHICH ARE NOT SHOWN.
2. THE ENGINEER MAY ADJUST THE LOCATIONS OF ITEMS UNDER THIS CONTRACT TO AVOID CONFLICT WITH EXISTING UTILITY FACILITIES. SIGNAL BASES MAY BE MOVED TO MAINTAIN A MAXIMUM 2-FT PUSH BUTTON REACH DISTANCE OF A LEVEL LANDING AREA TO AVOID A CONFLICTING UTILITY.
3. ALL LUMINAIRES ARE LED-C UNLESS OTHERWISE NOTED.
4. PB5 AND PB14 TO BE ADJUSTED.
5. * LOCATION IS TO FRONT CENTER OF DETECTOR LOOP.
6. 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
7. INSTALL SALVAGED PUSH BUTTON ON CONCRETE BASE SB2. INSTALL SALVAGED SIGNAL POLE AND PUSH BUTTON ON CONCRETE BASES SB3 AND SB7. INSTALL SALVAGED SIGNAL POLE, PUSH BUTTON, AND SIGNAL HEADS 13, 15, AND 24 ON CONCRETE BASE SB8. INSTALL SALVAGED SIGNAL POLE, PUSH BUTTON AND SIGNAL HEAD SB18 ON CONCRETE BASE SB10. INSTALL SALVAGED SIGNAL POLE, PUSH BUTTON, AND SIGNAL HEADS 12 AND 16 ON CONCRETE BASE SB17.
8. NOTED PROPOSED SIGNAL BASES IN CLOSE PROXIMITY TO UNDERGROUND CONDUIT. FIELD SHIFT IF NECESSARY TO AVOID CONFLICT. FINAL SHIFTED LOCATION DETERMINED BY ENGINEER.

LANE DESIGNATION FOR INFO ONLY

NOTE: ALL LENSES ARE 12-INCH GRAYSHADE REPRESENTS EXISTING

LEGEND

- CONTROL CABINET
- NONMETALLIC CONDUIT 2", UNLESS OTHERWISE NOTED
- NONMETALLIC INTERCONNET CONDUIT 2", UNLESS OTHERWISE NOTED
- LOOP DETECTOR CONDUIT 1" NONMETALLIC
- SIGNAL HEAD, TRAFFIC SIGNAL STANDARD, PEDESTAL BASE
- (XX) MONOTUBE BASE, POLE, 15'-30' ARM
- (XX) MONOTUBE BASE, POLE, 35'-55' ARM
- PEDESTRIAN HEAD WITH PUSH BUTTON
- PUSH BUTTON
- 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
- R RED ARROW
- Y YELLOW ARROW
- G GREEN ARROW
- WALK/DON'T WALK INDICATOR 16" (COUNTDOWN TIMER)



MONOTUBE STRUCTURES
SB1 = S-40-1171
SB6 = S-40-1168
SB9 = S-40-1169
SB15 = S-40-1170

REPLACE CABINET & CONTROLLER; INSTALL NB & SB FYA; ACTIVATE PHASE 5
8/1/14

RECONSTRUCT SIGNAL
12/18/09

REVISION				
REV. NO.	REPLACE ADVANCE DETECTION LOOPS ON STH 241			
	APPROVAL RECOMMENDED		APPROVED	
2	REGION		CENTRAL OFFICE	
	DATE	BY	DATE	BY

TRAFFIC CONTROL SIGNAL
STH 241 & W PARNELL AVENUE
CITY OF MILWAUKEE
MILWAUKEE COUNTY
CABINET TYPE: TS2
SIGNAL NO. S40-1205 CONTROLLER TYPE: ECONOLITE

WISCONSIN DEPARTMENT OF TRANSPORTATION

APPROVAL RECOMMENDED
DATE 8/17/94 EDWARD J. FRIEDE, REGION TRAFFIC ENGINEER

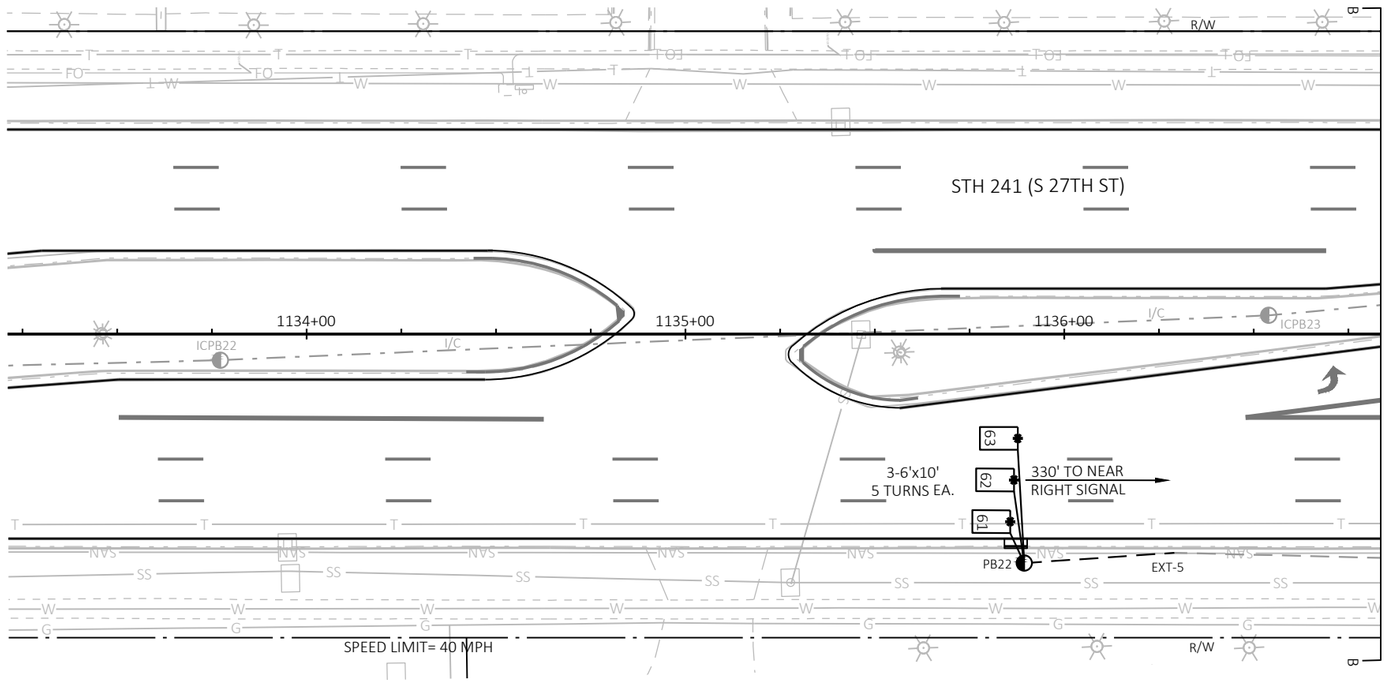
APPROVED
DATE 9/9/94 R. I. MOE, STATE TRAFFIC ENGINEER

REGION CONTACT: J. MURPHY
DESIGNED BY:
REVISED BY: GRAEF

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	TRAFFIC SIGNAL PLAN	SHEET 206	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\SIGNALS\04_PARNELL\024201_SP4.DWG
LAYOUT NAME - S40-1205_R2_pg1
PLOT DATE : 11/19/2024 10:40 AM PLOT BY : BIEBERITZ, BEN PLOT NAME : PLOT SCALE : ##########

2



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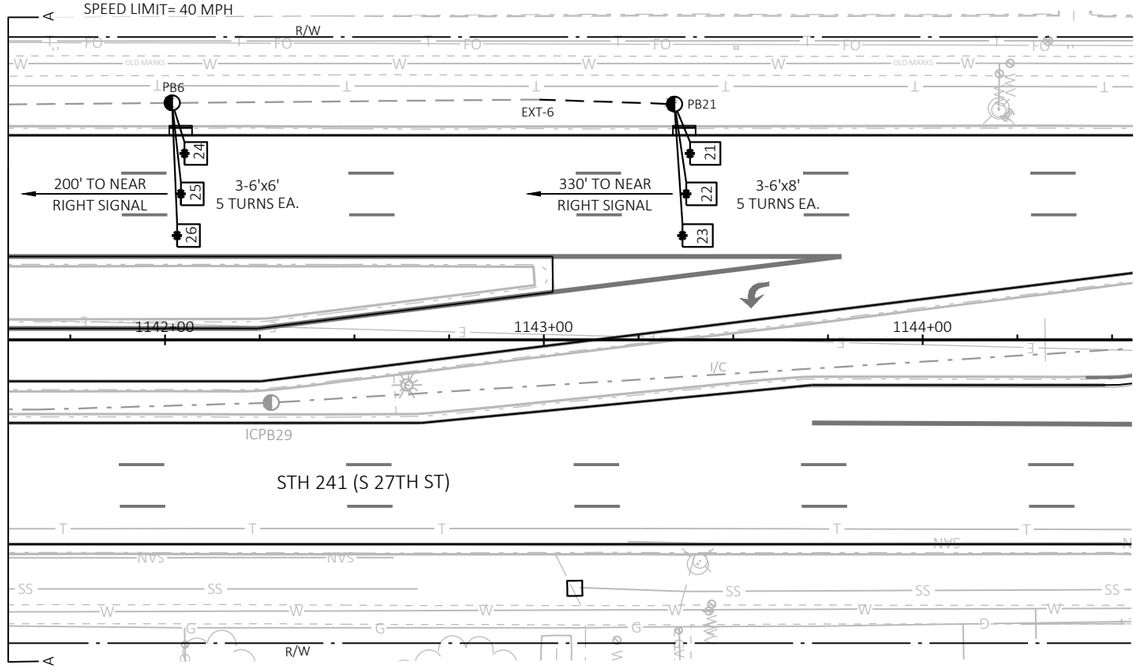


TRAFFIC CONTROL SIGNAL
STH 241 & W PARNELL AVENUE
CITY OF MILWAUKEE
MILWAUKEE COUNTY

SIGNAL NO. S40-1205

REGION CONTACT: J. MURPHY
DESIGNED BY:
REVISED BY: GRAEF

PAGE 2 OF 4

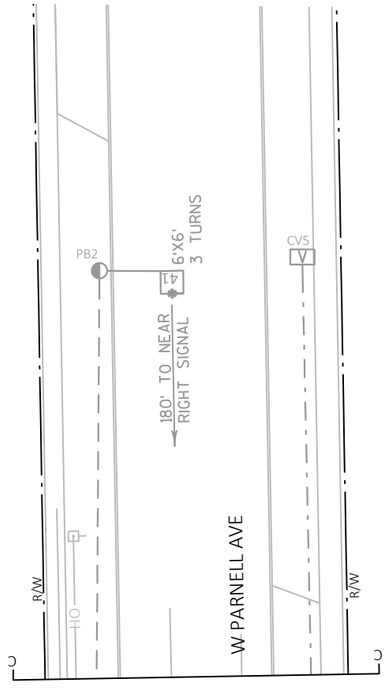
PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	TRAFFIC SIGNAL PLAN	SHEET 207	E

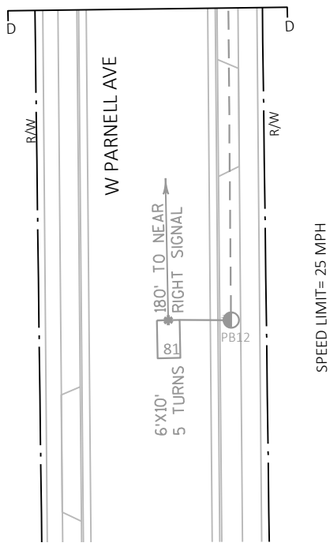
FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\SIGNALS\04_PARNELL\024201_SP4.DWG
LAYOUT NAME - S40-1205_R2_pg2

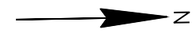
PLOT DATE : 11/19/2024 10:40 AM PLOT BY : BIEBERITZ, BEN PLOT NAME : PLOT SCALE : ##########

WISDOT/CADDS SHEET 42

2







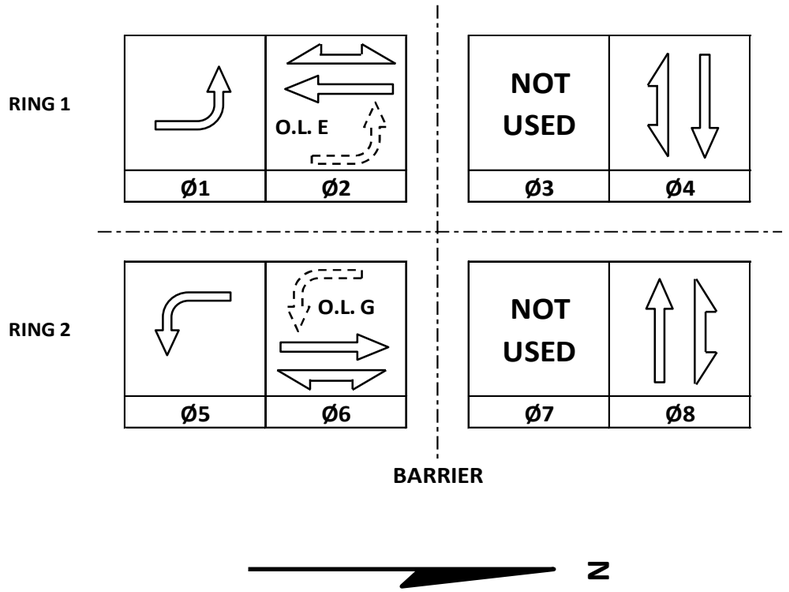
TRAFFIC CONTROL SIGNAL
STH 241 & W PARNELL AVENUE
CITY OF MILWAUKEE
MILWAUKEE COUNTY

SIGNAL NO. S40-1205

REGION CONTACT: J. MURPHY
DESIGNED BY:
REVISED BY: GRAEF

PAGE 3 OF 4

	HEAD NUMBERS	FLASH
Ø1	5,6	-
Ø2	7,8,9,10	R
Ø3		
Ø4	12,13,14	R
Ø5	11,26	-
Ø6	1,2,3,4	R
Ø7		
Ø8	15,16,17	R
Ø2P	20,21	
Ø4P	22,23	
Ø6P	18,19	
Ø8P	24,25	
OLE	5,6	R ←
OLF		
OLG	11,26	R ←
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

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	X
ADAPTIVE	
*LOCATION OF MASTER CONTROLLER NO:	S-
SIGNAL SYSTEM NO:	SS- 00-63

TYPE OF LIGHTING	
BY OTHER AGENCY	X
IN TRAFFIC CABINET	
IN SEPARATE DOT LIGHTING CABINET	

TYPE OF PRE-EMPT	
NONE	X
RAILROAD	
EMERGENCY VEHICLE	
GTT	
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	DETECTOR INPUT
PLAN LOOP DETECTOR*(S)	11	21	23	25	41	43	45	52	62	64	66	82	84				PLAN LOOP DETECTOR*(S)
CALLED PHASE	1	2	2	2	4	4	4	5	6	6	6	8	8				CALLED PHASE
CALL OPTION	X	X	X	X		X	X	X	X	X	X	X	X				CALL OPTION
DELAY TIME						X	X					X	X				DELAY TIME
EXTENTION OPTION	X	X	X	X	X	X	X	X	X	X	X	X	X				EXTENTION OPTION
EXTEND TIME					X												EXTEND TIME
USE ADDED INITIAL		X	X	X					X	X	X						USE ADDED INITIAL
CROSS SWITCH PHASE	2							6									CROSS SWITCH PHASE

DETECTOR INPUT	4	2	8	6	12	10	16	14	20	18	24	22	28	26	32	30	DETECTOR INPUT
PLAN LOOP DETECTOR*(S)	12	22	24	26	42	44	51	61	63	65	81	83	85				PLAN LOOP DETECTOR*(S)
CALLED PHASE	1	2	2	2	4	4	5	6	6	6	8	8	8				CALLED PHASE
CALL OPTION	X	X	X	X	X	X	X	X	X	X		X	X				CALL OPTION
DELAY TIME					X	X						X	X				DELAY TIME
EXTENTION OPTION	X	X	X	X	X	X	X	X	X	X	X	X	X				EXTENTION OPTION
EXTEND TIME											X						EXTEND TIME
USE ADDED INITIAL		X	X	X				X	X	X							USE ADDED INITIAL
CROSS SWITCH PHASE	2						6										CROSS SWITCH PHASE

STH 241 & W PARNELL AVENUE
CITY OF MILWAUKEE
MILWAUKEE COUNTY

SIGNAL NO: S40-1205 CABINET TYPE: TS2
CONTROLLER TYPE: ECONOLITE
DATE: 11/2024 PAGE NO. 4 OF 4

PROJECT ID:	2265-18-70
INTERSECTION:	STH 241 & W PARNELL AVE

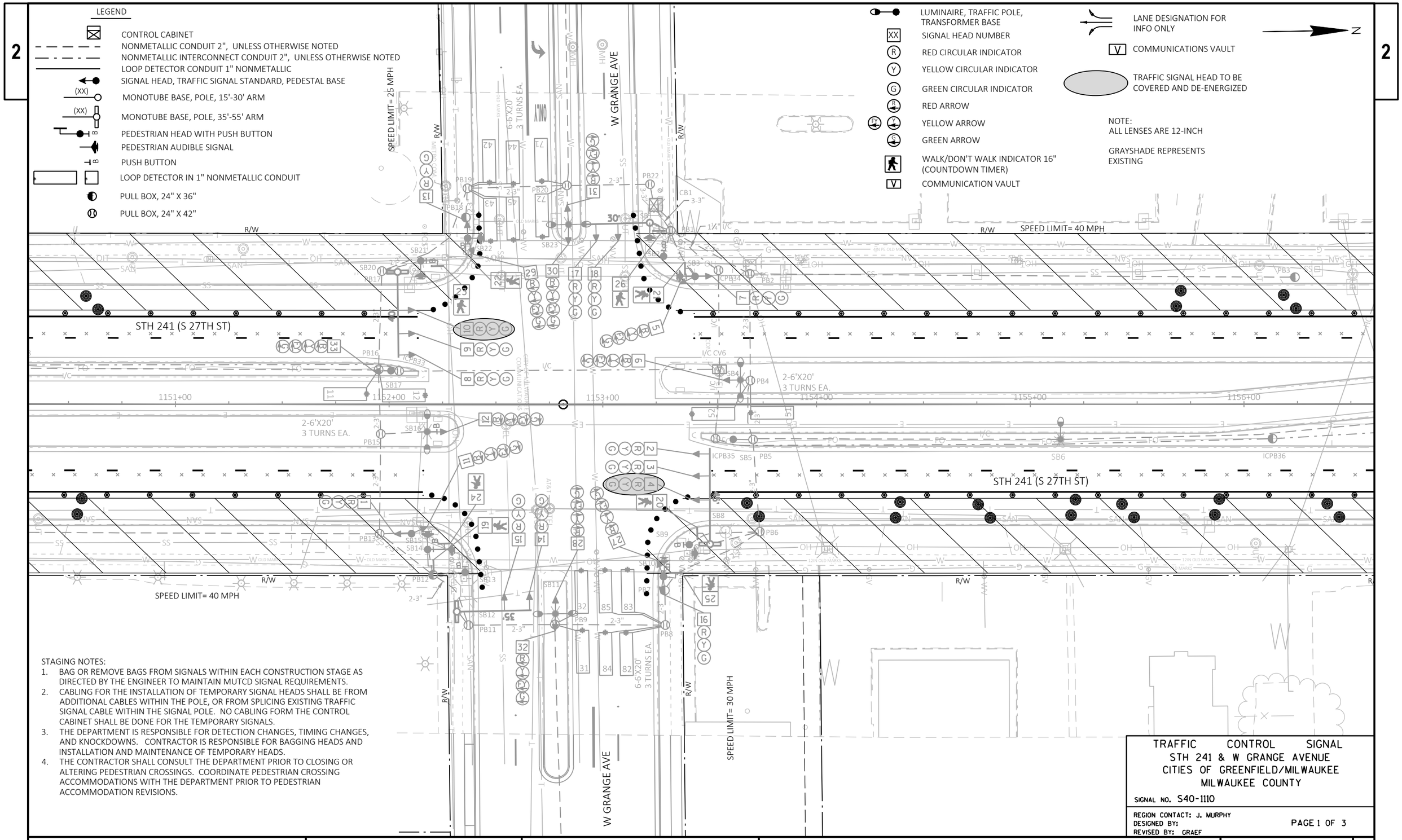
SIGNAL WIRE COLOR CODING	BLK-BLACK	RED-RED	GRN-GREEN
	WHT-WHITE	BLU-BLUE	ORG-ORANGE

			SIGNAL INDICATION WIRE COLOR									PED BUTTON
CB1 TO	AWG14 # OF CONDUCTORS	HEAD NO.	RED	YELLOW	GREEN	<RED>	<YELLOW>	<GREEN>	FLASHING <YELLOW>	D/WALK	WALK	
SB1	12	17	RED	ORG	GRN							
		25								WHT/BLK	BLU/BLK	
		20								RED/BLK	GRN/BLK	
SB2	12	B										WHT/BLK
SB3	7	B										WHT/BLK
SB4	12	5				RED/BLK	ORG/BLK	GRN/BLK	BLK			
		7	RED	ORG	GRN							
SB5	12	6				RED	ORG	GRN	BLK			
		B										BLK/WHT
SB6	12	2	RED	ORG	GRN							
		3	RED	ORG	GRN							
		4	RED	ORG	GRN							
		19								WHT/BLK	BLU/BLK	
SB7	7	B										WHT/BLK
SB8	12	13	RED/BLK	ORG/BLK	GRN/BLK							
		15	RED	ORG	GRN							
		24								WHT/BLK	BLU/BLK	
		B										BLK/WHT
SB9	12	14	RED	ORG	GRN							
SB10	7	18								RED	GRN	
		B										WHT/BLK
SB11	7	23								RED	GRN	
		B										WHT/BLK
SB12	12	1	RED	ORG	GRN							
		26				RED/BLK	ORG/BLK	GRN/BLK	BLK			
SB13	12	11				RED	ORG	GRN	BLK			
		B										BLK/WHT
SB15	12	8	RED	ORG	GRN							
		9	RED	ORG	GRN							
		10	RED	ORG	GRN							
		21								WHT/BLK	BLU/BLK	
SB16	7	22								RED	GRN	
		B										WHT/BLK
SB17	12	12	RED	ORG	GRN							
		16	RED/BLK	ORG/BLK	GRN/BLK							
		B										BLK/WHT

EQUIPMENT GROUNDING CONDUCTOR 10 AWG GRN XLP	
FROM	TO
CB1	SB1
SB1	SB2
SB2	SB3
SB3	SB4
SB4	SB5
SB5	SB6
SB6	SB7
SB7	SB8
SB8	SB9
SB9	SB10
SB10	SB11
SB11	SB12
SB12	SB13
SB13	SB15
SB15	SB16
SB16	SB17
SB17	CB1

PULL BOX BONDING JUMPER 10 AWG GRN XLP	
FROM	TO
PB1	CB1
PB3	SB1
PB4	SB4
PB5	SB4
PB7	SB5
PB8	SB5
PB9	SB6
PB10	SB6
PB11	SB8
PB13	SB9
PB14	SB12
PB15	SB12
PB17	SB13
PB18	SB14
PB19	SB14
PB20	SB17

NOTES:
*USE WHITE CONDUCTOR IN THE SIGNAL CABLE AS THE GROUNDED CONDUCTOR FOR ALL TRAFFIC SIGNAL INDICATIONS.
*ENSURE THE GROUNDED CONDUCTOR IN THE FEEDER CABLE AND THE POLE CABLES ARE BOTH 18" LONGER THAN THE UNGROUNDED CONDUCTORS.
*RECONNECT THE GROUNDING CONDUCTORS WHENEVER THE CIRCUIT HAS BEEN INTERRUPTED TO ENSURE THE GROUNDING CIRCUIT IS COMPLETE.



STAGING NOTES:

1. BAG OR REMOVE BAGS FROM SIGNALS WITHIN EACH CONSTRUCTION STAGE AS DIRECTED BY THE ENGINEER TO MAINTAIN MUTCD SIGNAL REQUIREMENTS.
2. CABLING FOR THE INSTALLATION OF TEMPORARY SIGNAL HEADS SHALL BE FROM ADDITIONAL CABLES WITHIN THE POLE, OR FROM SPLICING EXISTING TRAFFIC SIGNAL CABLE WITHIN THE SIGNAL POLE. NO CABLING FORM THE CONTROL CABINET SHALL BE DONE FOR THE TEMPORARY SIGNALS.
3. THE DEPARTMENT IS RESPONSIBLE FOR DETECTION CHANGES, TIMING CHANGES, AND KNOCKDOWNS. CONTRACTOR IS RESPONSIBLE FOR BAGGING HEADS AND INSTALLATION AND MAINTENANCE OF TEMPORARY HEADS.
4. THE CONTRACTOR SHALL CONSULT THE DEPARTMENT PRIOR TO CLOSING OR ALTERING PEDESTRIAN CROSSINGS. COORDINATE PEDESTRIAN CROSSING ACCOMMODATIONS WITH THE DEPARTMENT PRIOR TO PEDESTRIAN ACCOMMODATION REVISIONS.

TRAFFIC CONTROL SIGNAL
STH 241 & W GRANGE AVENUE
CITIES OF GREENFIELD/MILWAUKEE
MILWAUKEE COUNTY

SIGNAL NO. S40-1110

REGION CONTACT: J. MURPHY
DESIGNED BY:
REVISED BY: GRAEF

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	MODIFY EXISTING TRAFFIC SIGNAL DURING CONSTRUCTION STAGE 1A & 1B	SHEET 211	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\SIGNALS\03_GRANGE\024001_ST3.DWG
LAYOUT NAME - S40-1110_R3_pg1
PLOT DATE : 11/19/2024 10:40 AM
PLOT BY : BIEBERITZ, BEN
PLOT NAME :
PLOT SCALE : ##########
WISDOT/CADDS SHEET 42

LEGEND

- CONTROL CABINET
- NONMETALLIC CONDUIT 2", UNLESS OTHERWISE NOTED
- NONMETALLIC INTERCONNECT CONDUIT 2", UNLESS OTHERWISE NOTED
- LOOP DETECTOR CONDUIT 1" NONMETALLIC
- SIGNAL HEAD, TRAFFIC SIGNAL STANDARD, PEDESTAL BASE
- (XX) MONOTUBE BASE, POLE, 15'-30' ARM
- (XX) MONOTUBE BASE, POLE, 35'-55' ARM
- PEDESTRIAN HEAD WITH PUSH BUTTON
- PEDESTRIAN AUDIBLE SIGNAL
- PUSH BUTTON
- LOOP DETECTOR IN 1" NONMETALLIC CONDUIT
- PULL BOX, 24" X 36"
- PULL BOX, 24" X 42"
- LUMINAIRE, TRAFFIC POLE, TRANSFORMER BASE
- XX SIGNAL HEAD NUMBER
- R RED CIRCULAR INDICATOR
- Y YELLOW CIRCULAR INDICATOR
- G GREEN CIRCULAR INDICATOR
- RED ARROW
- YELLOW ARROW
- GREEN ARROW
- WALK/DON'T WALK INDICATOR 16" (COUNTDOWN TIMER)
- V COMMUNICATION VAULT
- LANE DESIGNATION FOR INFO ONLY
- V COMMUNICATIONS VAULT
- TRAFFIC SIGNAL HEAD TO BE COVERED AND DE-ENERGIZED

NOTE:
ALL LENSES ARE 12-INCH

GRAYSHADE REPRESENTS EXISTING

N

STAGING NOTES:

1. BAG OR REMOVE BAGS FROM SIGNALS WITHIN EACH CONSTRUCTION STAGE AS DIRECTED BY THE ENGINEER TO MAINTAIN MUTCD SIGNAL REQUIREMENTS.
2. CABLING FOR THE INSTALLATION OF TEMPORARY SIGNAL HEADS SHALL BE FROM ADDITIONAL CABLES WITHIN THE POLE, OR FROM SPLICING EXISTING TRAFFIC SIGNAL CABLE WITHIN THE SIGNAL POLE. NO CABLING FORM THE CONTROL CABINET SHALL BE DONE FOR THE TEMPORARY SIGNALS.
3. THE DEPARTMENT IS RESPONSIBLE FOR DETECTION CHANGES, TIMING CHANGES, AND KNOCKDOWNS. CONTRACTOR IS RESPONSIBLE FOR BAGGING HEADS AND INSTALLATION AND MAINTENANCE OF TEMPORARY HEADS.
4. THE CONTRACTOR SHALL CONSULT THE DEPARTMENT PRIOR TO CLOSING OR ALTERING PEDESTRIAN CROSSINGS. COORDINATE PEDESTRIAN CROSSING ACCOMMODATIONS WITH THE DEPARTMENT PRIOR TO PEDESTRIAN ACCOMMODATION REVISIONS.

TRAFFIC CONTROL SIGNAL
STH 241 & W GRANGE AVENUE
CITIES OF GREENFIELD/MILWAUKEE
MILWAUKEE COUNTY

SIGNAL NO. S40-1110

REGION CONTACT: J. MURPHY
DESIGNED BY:
REVISED BY: GRAEF

PAGE 2 OF 3

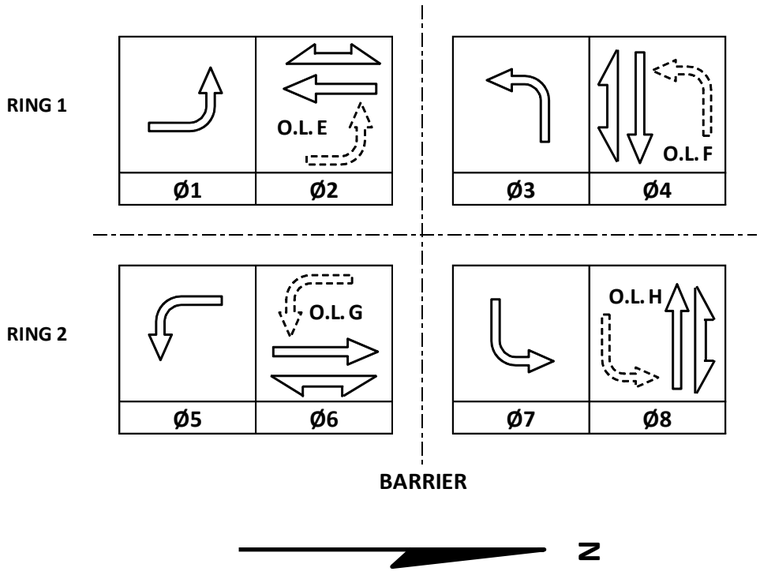
PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	MODIFY EXISTING TRAFFIC SIGNAL DURING CONSTRUCTION STAGE 2A & 2B	SHEET 212	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\SIGNALS\03_GRANGE\024002_ST3.DWG
LAYOUT NAME - S40-1110_R3_pg1

PLOT DATE : 11/19/2024 10:40 AM PLOT BY : BIEBERITZ, BEN PLOT NAME : PLOT SCALE : ##########

WISDOT/CADDS SHEET 42

	HEAD NUMBERS	FLASH
Ø1	5,6	R ←
Ø2	7,8,9,10	R
Ø3	29,30,32	R ←
Ø4	13,14,15	R
Ø5	11,12	R ←
Ø6	1,2,3,4	R
Ø7	27,28,31	R ←
Ø8	16,17,18	R
Ø2P	21,22	
Ø4P	23,24	
Ø6P	19,20	
Ø8P	25,26	
OLE	5,6	-
OLF	29,30,32	-
OLG	11,12	-
OLH	27,28,31	-



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

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	X
ADAPTIVE	
*LOCATION OF MASTER CONTROLLER NO:	S-
SIGNAL SYSTEM NO:	SS- 00-63

TYPE OF LIGHTING	
BY OTHER AGENCY	
IN TRAFFIC CABINET	X
IN SEPARATE DOT LIGHTING CABINET	

TYPE OF PRE-EMPT	
NONE	X
RAILROAD	
EMERGENCY VEHICLE	
GTT	
TOMAR	
HARDWIRE	
OTHER	
LIFT BRIDGE	
QUEUE DETECTION	

DETECTOR LOGIC

DETECTOR INPUT	3	1	7	5	11	9	15	13
PLAN LOOP DETECTOR*(S)	41	11,12	51,52	44,45	84,85	81		
CALLED PHASE	4	1	5	4	8	8		
CALL OPTION		X	X	X	X			
DELAY TIME								
EXTENTION OPTION	X	X	X	X	X	X		
EXTEND TIME	X					X		
USE ADDED INITIAL								
CROSS SWITCH PHASE		2	6					

19	17	23	21	27	25	31	29	DETECTOR INPUT
								PLAN LOOP DETECTOR*(S)
								CALLED PHASE
								CALL OPTION
								DELAY TIME
								EXTENTION OPTION
								EXTEND TIME
								USE ADDED INITIAL
								CROSS SWITCH PHASE

DETECTOR INPUT	4	2	8	6	12	10	16	14
PLAN LOOP DETECTOR*(S)	42,43	21	61	71,72	31,32	82,83		
CALLED PHASE	4	2	6	7	3	8		
CALL OPTION	X	X	X	X	X	X		
DELAY TIME	X					X		
EXTENTION OPTION	X	X	X	X	X	X		
EXTEND TIME								
USE ADDED INITIAL		X	X					
CROSS SWITCH PHASE				8	4			

20	18	24	22	28	26	32	30	DETECTOR INPUT
								PLAN LOOP DETECTOR*(S)
								CALLED PHASE
								CALL OPTION
								DELAY TIME
								EXTENTION OPTION
								EXTEND TIME
								USE ADDED INITIAL
								CROSS SWITCH PHASE

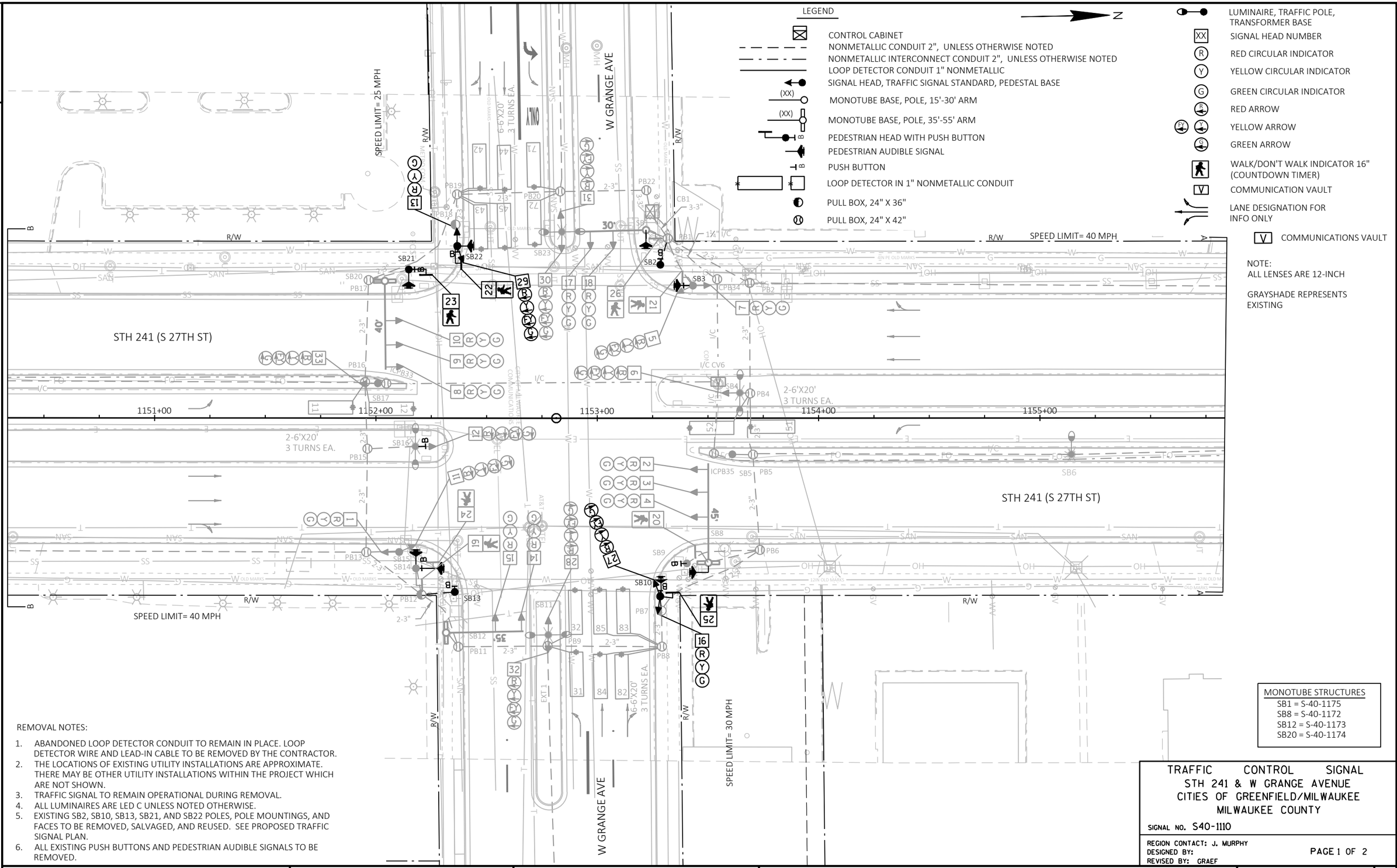
GENERAL NOTES MODIFIED FOR CONSTRUCTION:

1. REFER TO TRAFFIC CONTROL PEDESTRIAN ACCOMODATIONS PLANS FOR WHERE PEDESTRIANS ARE ACCOMODATED DURING CONSTRUCTION STAGING. CONTRACTOR SHALL CONSULT THE DEPARTMENT PRIOR TO CLOSING OR ALTERING PEDESTRAIN CROSSINGS.
2. DURING STAGE 2 STAGES, PHASES 3 AND 7 SHALL NOT RUN CONCURRENTLY.

STH 241 & W. GRANGE AVENUE
CITIES OF GREENFIELD/MILWAUKEE
MILWAUKEE COUNTY

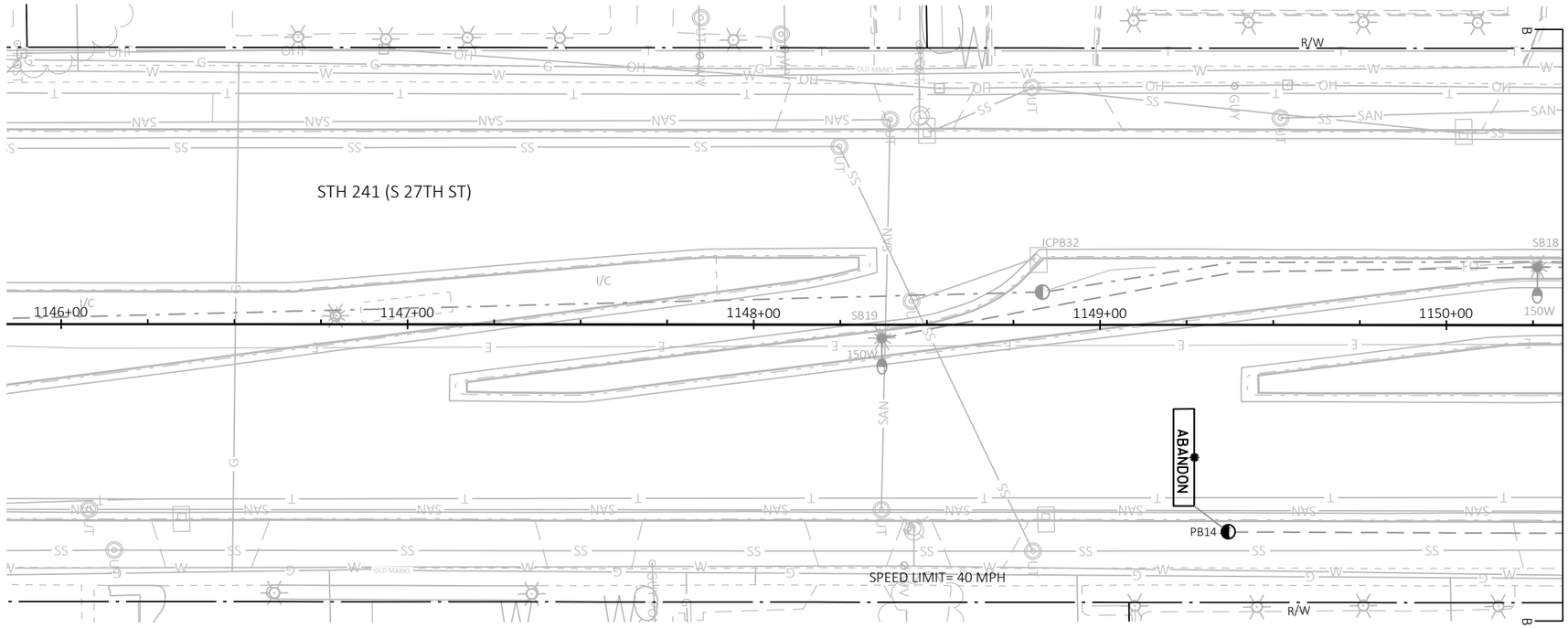
SIGNAL NO: S40-1110 CABINET TYPE: TS2
CONTROLLER TYPE: ECONOLITE
DATE: 11/2024 PAGE NO. 3 OF 3

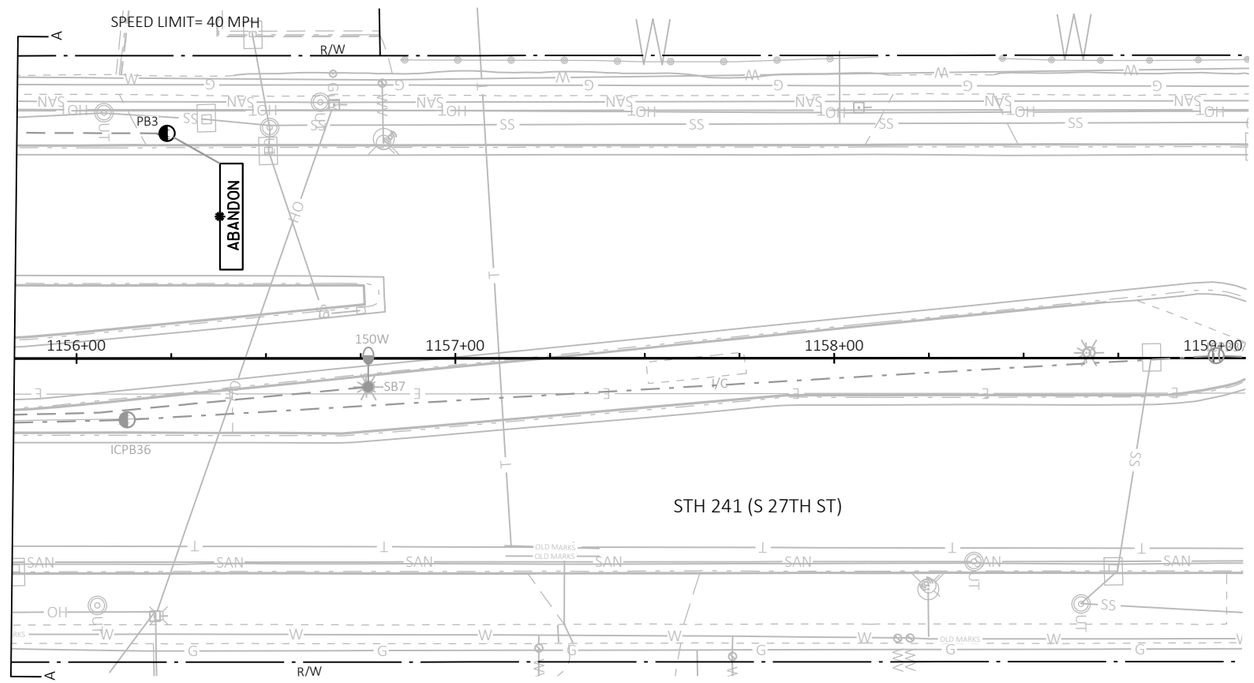
PROJECT NO: 2265-18-70	HWY: STH 241	COUNTY: MILWAUKEE	EXISTING SEQUENCE OF OPERATIONS MODIFIED FOR CONSTRUCTION	SHEET NO: 213	E



PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	TRAFFIC SIGNAL REMOVAL PLAN	SHEET 214	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\SIGNALS\03_GRANGE\024011_SR3.DWG
LAYOUT NAME - S40-1110_R3_pg1
PLOT DATE : 11/19/2024 10:41 AM PLOT BY : BIEBERITZ, BEN PLOT NAME : PLOT SCALE : ##########





TRAFFIC CONTROL SIGNAL
STH 241 & W GRANGE AVENUE
CITIES OF GREENFIELD/MILWAUKEE
MILWAUKEE COUNTY

SIGNAL NO. S40-1110

REGION CONTACT: J. MURPHY
DESIGNED BY:
REVISED BY: GRAEF

PAGE 2 OF 2

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	TRAFFIC SIGNAL REMOVAL PLAN	SHEET 215	E

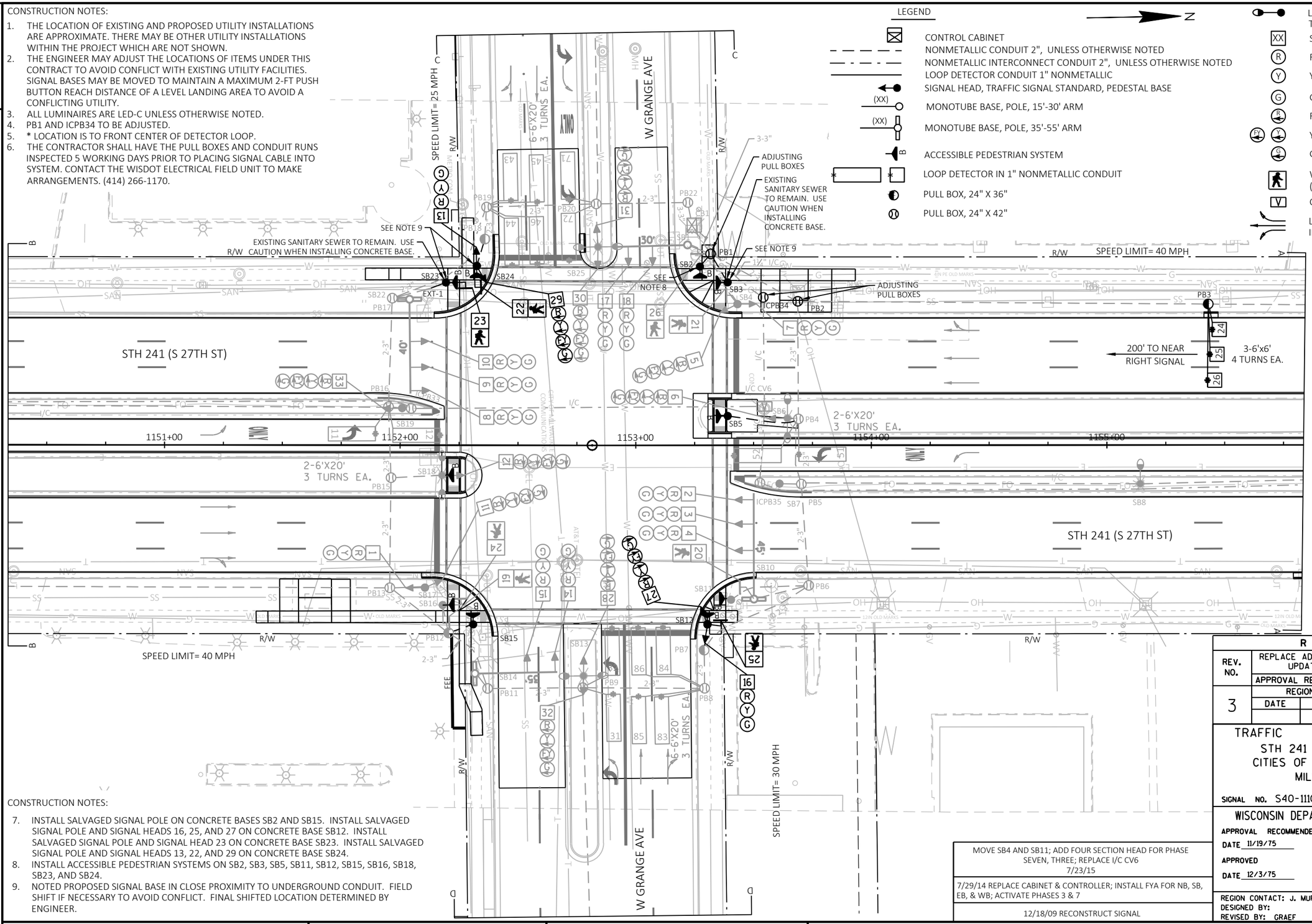
FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\SIGNALS\03_GRANGE\024011_SR3.DWG
LAYOUT NAME - S40-1110_R3_pg2

PLOT DATE : 11/19/2024 10:41 AM PLOT BY : BIEBERITZ, BEN PLOT NAME : PLOT SCALE : ##########

WISDOT/CADDS SHEET 42

CONSTRUCTION NOTES:

1. THE LOCATION OF EXISTING AND PROPOSED UTILITY INSTALLATIONS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT WHICH ARE NOT SHOWN.
2. THE ENGINEER MAY ADJUST THE LOCATIONS OF ITEMS UNDER THIS CONTRACT TO AVOID CONFLICT WITH EXISTING UTILITY FACILITIES. SIGNAL BASES MAY BE MOVED TO MAINTAIN A MAXIMUM 2-FT PUSH BUTTON REACH DISTANCE OF A LEVEL LANDING AREA TO AVOID A CONFLICTING UTILITY.
3. ALL LUMINAIRES ARE LED-C UNLESS OTHERWISE NOTED.
4. PB1 AND ICPB34 TO BE ADJUSTED.
5. * LOCATION IS TO FRONT CENTER OF DETECTOR LOOP.
6. 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.



CONSTRUCTION NOTES:

7. INSTALL SALVAGED SIGNAL POLE ON CONCRETE BASES SB2 AND SB15. INSTALL SALVAGED SIGNAL POLE AND SIGNAL HEADS 16, 25, AND 27 ON CONCRETE BASE SB12. INSTALL SALVAGED SIGNAL POLE AND SIGNAL HEAD 23 ON CONCRETE BASE SB23. INSTALL SALVAGED SIGNAL POLE AND SIGNAL HEADS 13, 22, AND 29 ON CONCRETE BASE SB24.
8. INSTALL ACCESSIBLE PEDESTRIAN SYSTEMS ON SB2, SB3, SB5, SB11, SB12, SB15, SB16, SB18, SB23, AND SB24.
9. NOTED PROPOSED SIGNAL BASE IN CLOSE PROXIMITY TO UNDERGROUND CONDUIT. FIELD SHIFT IF NECESSARY TO AVOID CONFLICT. FINAL SHIFTED LOCATION DETERMINED BY ENGINEER.

MOVE SB4 AND SB11; ADD FOUR SECTION HEAD FOR PHASE SEVEN, THREE; REPLACE I/C CV6
7/23/15

7/29/14 REPLACE CABINET & CONTROLLER; INSTALL FYA FOR NB, SB, EB, & WB; ACTIVATE PHASES 3 & 7

12/18/09 RECONSTRUCT SIGNAL

REVISION				
REV. NO.	REPLACE ADVANCE DETECTION LOOPS ON STH 241 UPDATE ALL PUSH BUTTONS TO APS			
	APPROVAL RECOMMENDED		APPROVED	
3	REGION		CENTRAL OFFICE	
	DATE	BY	DATE	BY

TRAFFIC CONTROL SIGNAL
STH 241 & W GRANGE AVENUE
CITIES OF GREENFIELD/MILWAUKEE
MILWAUKEE COUNTY

SIGNAL NO. S40-1110
CABINET TYPE: TS2
CONTROLLER TYPE: ECONOLITE

WISCONSIN DEPARTMENT OF TRANSPORTATION

APPROVAL RECOMMENDED
DATE 11/19/75 — R. I. MOE, REGION TRAFFIC ENGINEER

APPROVED
DATE 12/3/75 — W. N. V., STATE TRAFFIC ENGINEER

REGION CONTACT: J. MURPHY
DESIGNED BY:
REVISED BY: GRAEF

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	TRAFFIC SIGNAL PLAN	SHEET 216	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\SIGNALS\03_GRANGE\024201_SP3.DWG
LAYOUT NAME - S40-1110_R3_pg1
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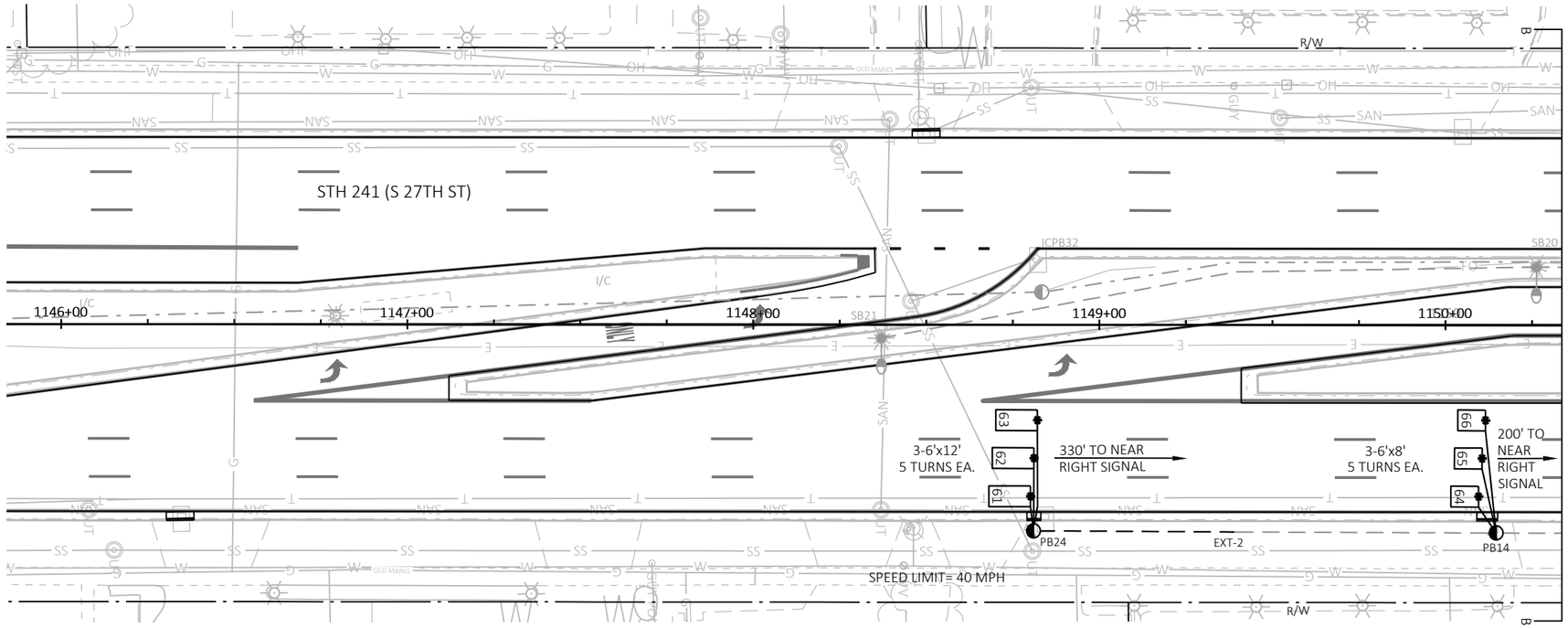
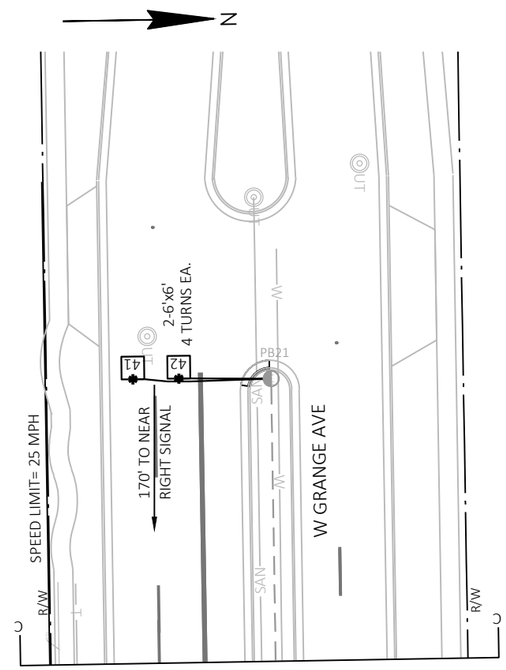
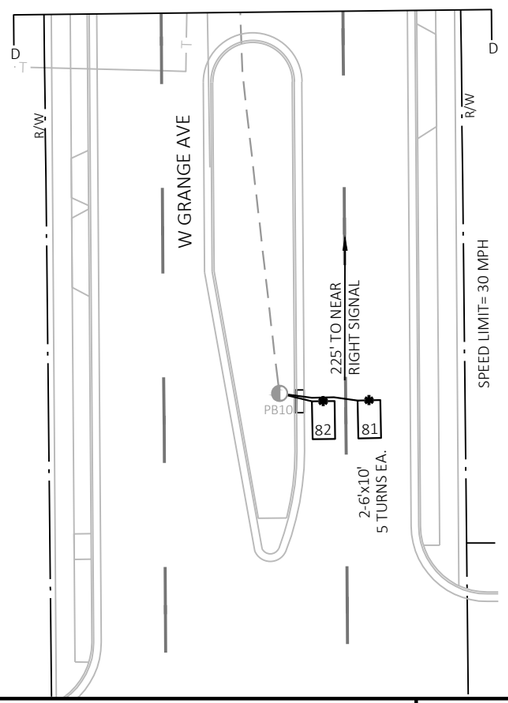
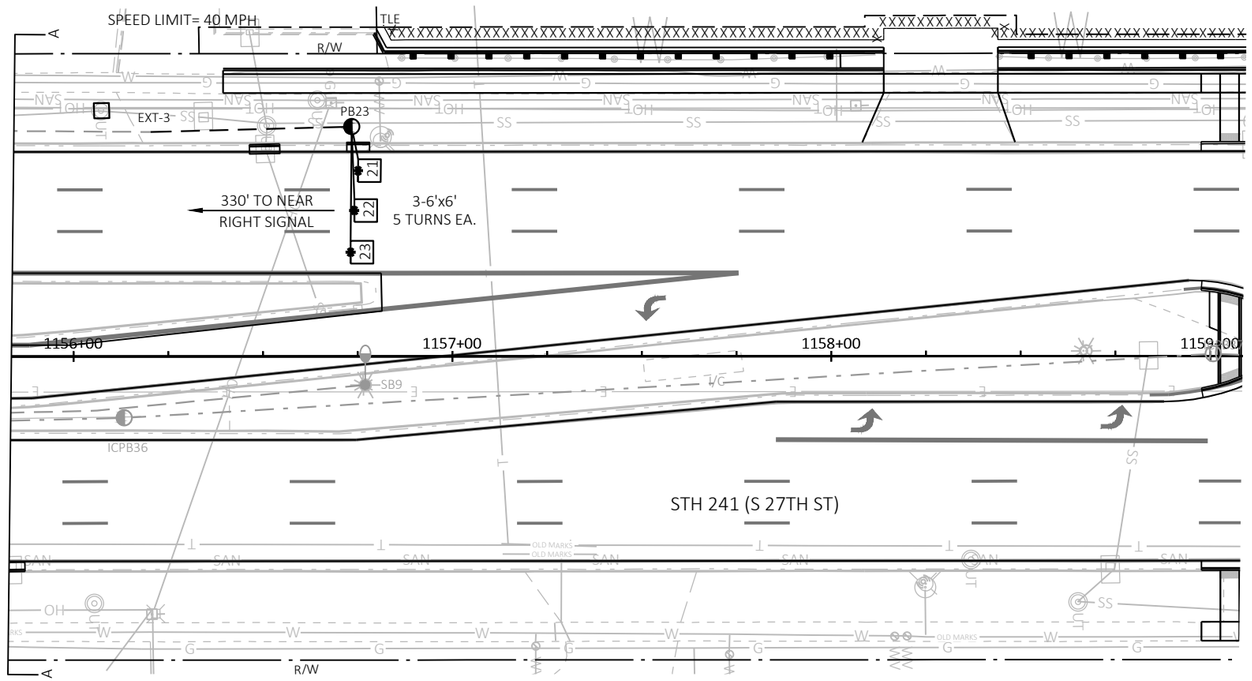
WISDOT/CADDS SHEET 42









TRAFFIC CONTROL SIGNAL
STH 241 & W GRANGE AVENUE
CITIES OF GREENFIELD/MILWAUKEE
MILWAUKEE COUNTY

SIGNAL NO. S40-1110

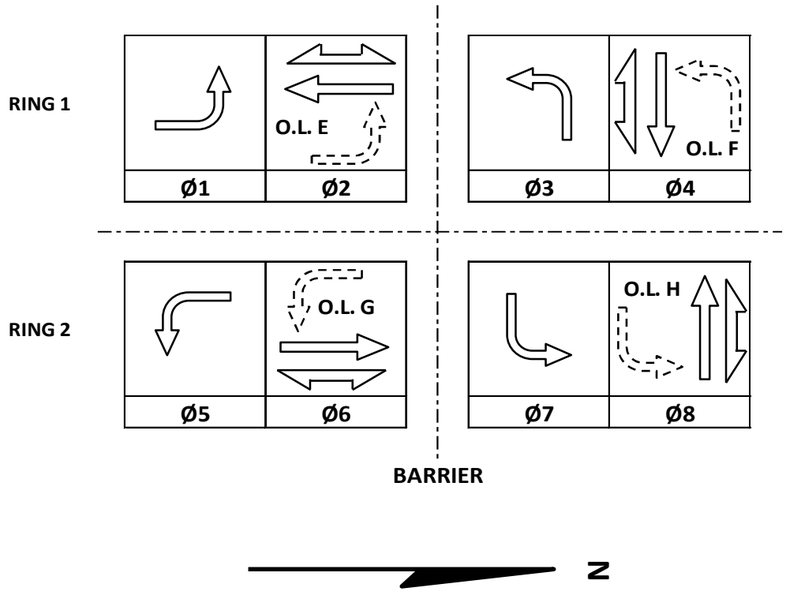
REGION CONTACT: J. MURPHY
DESIGNED BY:
REVISED BY: GRAEF

PAGE 2 OF 3

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	TRAFFIC SIGNAL PLAN	SHEET 217	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\SIGNALS\03_GRANGE\024201_SP3.DWG
LAYOUT NAME - S40-1110_R3_pg2
PLOT DATE : 11/19/2024 10:41 AM PLOT BY : BIEBERITZ, BEN PLOT NAME : PLOT SCALE : ##########
WISDOT/CADDS SHEET 42

	HEAD NUMBERS	FLASH
Ø1	5,6	R ←
Ø2	7,8,9,10	R
Ø3	29,30,32	R ←
Ø4	13,14,15	R
Ø5	11,12	R ←
Ø6	1,2,3,4	R
Ø7	27,28,31	R ←
Ø8	16,17,18	R
Ø2P	21,22	
Ø4P	23,24	
Ø6P	19,20	
Ø8P	25,26	
OLE	5,6	-
OLF	29,30,32	-
OLG	11,12	-
OLH	27,28,31	-



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

GENERAL NOTES:

1. APS 2 uses detector 33
2. APS 4 uses detector 34
3. APS 6 uses detector 35
4. APS 8 uses detector 36

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	X
ADAPTIVE	
*LOCATION OF MASTER CONTROLLER NO:	S-
SIGNAL SYSTEM NO:	SS- 00-63

TYPE OF LIGHTING	
BY OTHER AGENCY	
IN TRAFFIC CABINET	X
IN SEPARATE DOT LIGHTING CABINET	

TYPE OF PRE-EMPT	
NONE	X
RAILROAD	
EMERGENCY VEHICLE	
GTT	
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	DETECTOR INPUT
PLAN LOOP DETECTOR*(S)	11	21	23	25	31	41	43	45	51	61	63	65	71	81	83	85	PLAN LOOP DETECTOR*(S)
CALLED PHASE	1	2	2	2	3	4	4	4	5	6	6	6	7	8	8	8	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
EXTENTION OPTION	X	X	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	X						X	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	DETECTOR INPUT
PLAN LOOP DETECTOR*(S)	12	22	24	26	32	42	44	46	52	62	64	66	72	82	84	86	PLAN LOOP DETECTOR*(S)
CALLED PHASE	1	2	2	2	3	4	4	4	5	6	6	6	7	8	8	8	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
EXTENTION OPTION	X	X	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	X						X	X	X					USE ADDED INITIAL
CROSS SWITCH PHASE	2				4				6				8				CROSS SWITCH PHASE

STH 241 & W GRANGE AVENUE
CITIES OF GREENFIELD/MILWAUKEE
MILWAUKEE COUNTY

SIGNAL NO: S40-1110	CABINET TYPE: TS2
	CONTROLLER TYPE: ECONOLITE
DATE: 11/2024	PAGE NO. 3 OF 3

PROJECT NO: 2265-18-70	HWY: STH 241	COUNTY: MILWAUKEE	SEQUENCE OF OPERATIONS	SHEET NO: 218	E

FILE NAME : _____ PLOT DATE : _____ PLOT BY : _____ PLOT NAME : _____ PLOT SCALE : 1:1

PROJECT ID:	2265-18-70
INTERSECTION:	STH 241 & W GRANGE AVE

SIGNAL WIRE COLOR CODING	BLK-BLACK	RED-RED	GRN-GREEN
	WHT-WHITE	BLU-BLUE	ORG-ORANGE

			SIGNAL INDICATION WIRE COLOR									PED BUTTON
CB1 TO	AWG14 # OF CONDUCTORS	HEAD NO.	RED	YELLOW	GREEN	<RED>	<YELLOW>	<GREEN>	FLASHING <YELLOW>	D/WALK	WALK	
SB1	12	17	RED	ORG	GRN							
		18	RED	ORG	GRN							
		26								WHT/BLK	BLU/BLK	
SB2	7	B										WHT/BLK
SB3	7	B										WHT/BLK
SB4	12	5				RED	ORG	GRN	BLK			
		7	RED/BLK	ORG/BLK	GRN/BLK							
		21								BLK/WHT	BLU/BLK	
SB5	7	B										WHT/BLK
SB6	12	6				RED	ORG	GRN	BLK			
SB10	12	2	RED	ORG	GRN							
		3	RED	ORG	GRN							
		4	RED	ORG	GRN							
		20								WHT/BLK	BLU/BLK	
SB11	7	B										WHT/BLK
SB12	12	16	RED	ORG	GRN							
		27				RED/BLK	ORG/BLK	GRN/BLK	BLK			
		25								WHT/BLK	BLU/BLK	
		B										BLK/WHT
SB13	12	28				RED	ORG	GRN	BLK			
		32				REG/BLK	ORG/BLK	GRN/BLK	BLK/WHT			
SB14	12	14	RED	ORG	GRN							
		15	RED	ORG	GRN							
SB15	7	B										WHT/BLK
SB16	7	19								RED	GRN	
		24								ORG	BLU	
		B										WHT/BLK
SB17	12	1	RED	ORG	GRN							
		11				RED/BLK	ORG/BLK	GRN/BLK	BLK			
SB18	12	12				RED	ORG	GRN	BLK			
		B										BLK/WHT
SB19	12	33				RED	ORG	GRN	BLK			
SB22	12	8	RED	ORG	GRN							
		9	RED	ORG	GRN							
		10	RED	ORG	GRN							
SB23	7	23								BLK	BLU	
		B										WHT/BLK
SB24	12	13	RED	ORG	GRN							
		29				RED/BLK	ORG/BLK	GRN/BLK	BLK			
		22								WHT/BLK	BLU/BLK	
		B										BLK/WHT
SB25	12	30				RED/BLK	ORG/BLK	GRN/BLK	BLK/WHT			
		31				RED	ORG	GRN	BLK			

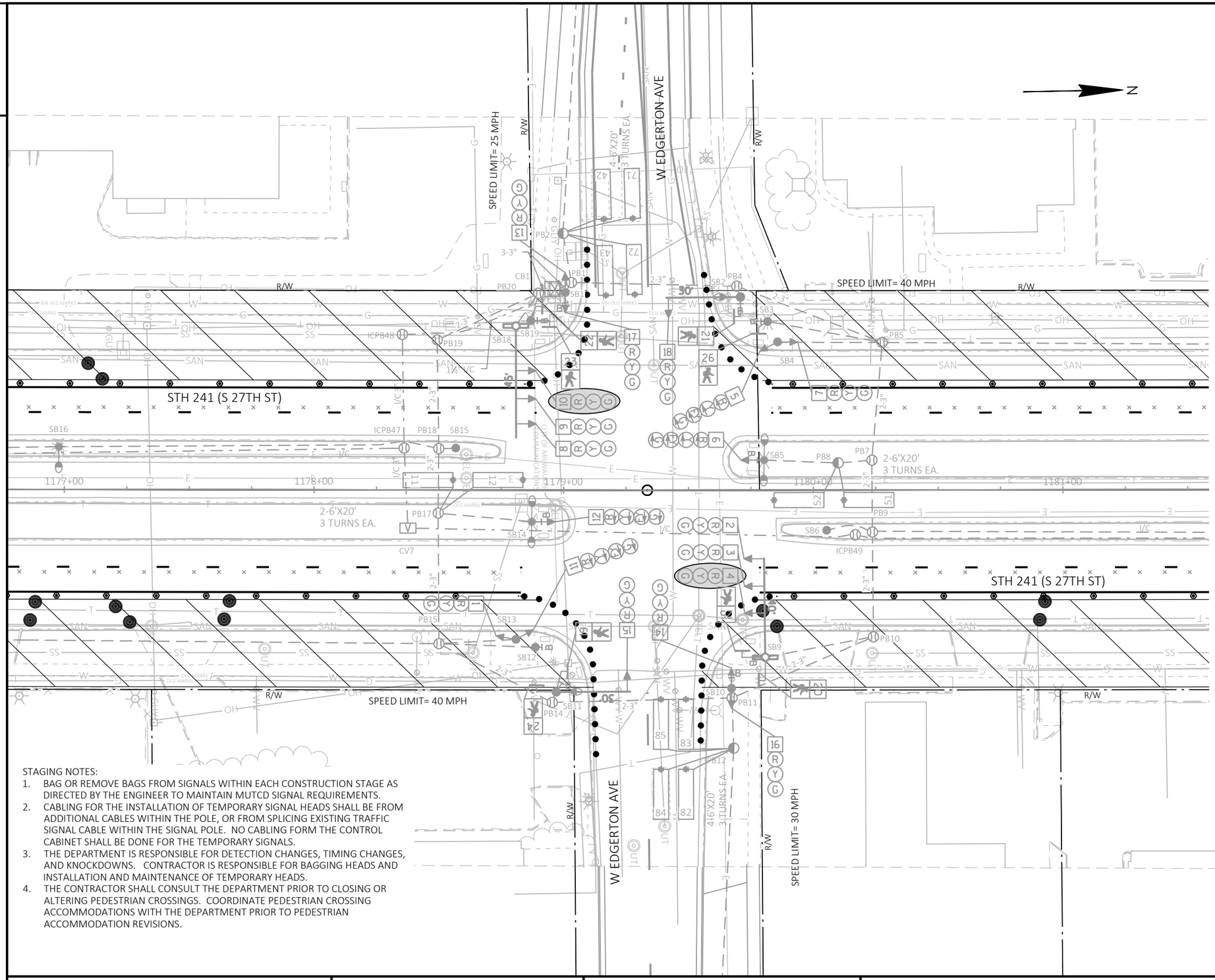
EQUIPMENT GROUNDING CONDUCTOR 10 AWG GRN XLP	
FROM	TO
CB1	SB1
SB1	SB2
SB2	SB3
SB3	SB4
SB4	SB5
SB5	SB6
SB6	SB7
SB7	SB10
SB10	SB11
SB11	SB12
SB12	SB13
SB13	SB14
SB14	SB15
SB15	SB16
SB16	SB17
SB17	SB18
SB18	SB19
SB19	SB22
SB22	SB23
SB23	SB24
SB24	SB25
SB25	CB1

LIGHTING UF 10 AWG W/ GROUND	
FROM	TO
CB1	SB6
CB1	SB8
SB8	SB9
CB1	SB13
CB1	SB18
CB1	SB20
SB20	SB21
CB1	SB25

PULL BOX BONDING JUMPER 10 AWG GRN XLP	
FROM	TO
PB1	SB1
PB2	SB4
PB4	SB6
PB5	SB7
PB6	SB10
PB7	SB12
PB8	SB12
PB9	SB13
PB11	SB14
PB12	SB16
PB13	SB17
PB15	SB18
PB16	SB19
PB17	SB22
PB18	SB24
PB19	SB24
PB20	SB25
PB22	CB1

NOTES: *USE WHITE CONDUCTOR IN THE SIGNAL CABLE AS THE GROUNDED CONDUCTOR FOR ALL TRAFFIC SIGNAL INDICATIONS.
*ENSURE THE GROUNDED CONDUCTOR IN THE FEEDER CABLE AND THE POLE CABLES ARE BOTH 18" LONGER THAN THE UNGROUNDED CONDUCTORS.
*RECONNECT THE GROUNDING CONDUCTORS WHENEVER THE CIRCUIT HAS BEEN INTERRUPTED TO ENSURE THE GROUNDING CIRCUIT IS COMPLETE.

2



LEGEND

- CONTROL CABINET
- NONMETALLIC CONDUIT 2", UNLESS OTHERWISE NOTED
- NONMETALLIC INTERCONNECT CONDUIT 2", UNLESS OTHERWISE NOTED
- LOOP DETECTOR CONDUIT 1" NONMETALLIC
- SIGNAL HEAD, TRAFFIC SIGNAL STANDARD, PEDESTAL BASE
- (XX) MONOTUBE BASE, POLE, 15'-30' ARM
- (XX) MONOTUBE BASE, POLE, 35'-55' 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
- R RED ARROW
- Y YELLOW ARROW
- G GREEN ARROW
- PEDESTRIAN HEAD WITH PUSH BUTTON
- PUSH BUTTON
- V COMMUNICATIONS VAULT
- WALK/DON'T WALK INDICATOR 16" (COUNTDOWN TIMER)
- LANE DESIGNATION FOR INFO ONLY
- TRAFFIC SIGNAL HEAD TO BE COVERED AND DE-ENERGIZED

NOTE: ALL LENSES ARE 12-INCH GRAYSHADE REPRESENTS EXISTING

STAGING NOTES:

1. BAG OR REMOVE BAGS FROM SIGNALS WITHIN EACH CONSTRUCTION STAGE AS DIRECTED BY THE ENGINEER TO MAINTAIN MUTCD SIGNAL REQUIREMENTS.
2. CABLING FOR THE INSTALLATION OF TEMPORARY SIGNAL HEADS SHALL BE FROM ADDITIONAL CABLES WITHIN THE POLE, OR FROM SPLICING EXISTING TRAFFIC SIGNAL CABLE WITHIN THE SIGNAL POLE. NO CABLING FORM THE CONTROL CABINET SHALL BE DONE FOR THE TEMPORARY SIGNALS.
3. THE DEPARTMENT IS RESPONSIBLE FOR DETECTION CHANGES, TIMING CHANGES, AND KNOCKDOWNS. CONTRACTOR IS RESPONSIBLE FOR BAGGING HEADS AND INSTALLATION AND MAINTENANCE OF TEMPORARY HEADS.
4. THE CONTRACTOR SHALL CONSULT THE DEPARTMENT PRIOR TO CLOSING OR ALTERING PEDESTRIAN CROSSINGS. COORDINATE PEDESTRIAN CROSSING ACCOMMODATIONS WITH THE DEPARTMENT PRIOR TO PEDESTRIAN ACCOMMODATION REVISIONS.

TRAFFIC CONTROL SIGNAL
STH 241 & W EDGERTON AVENUE
CITIES OF GREENFIELD/MILWAUKEE
MILWAUKEE COUNTY

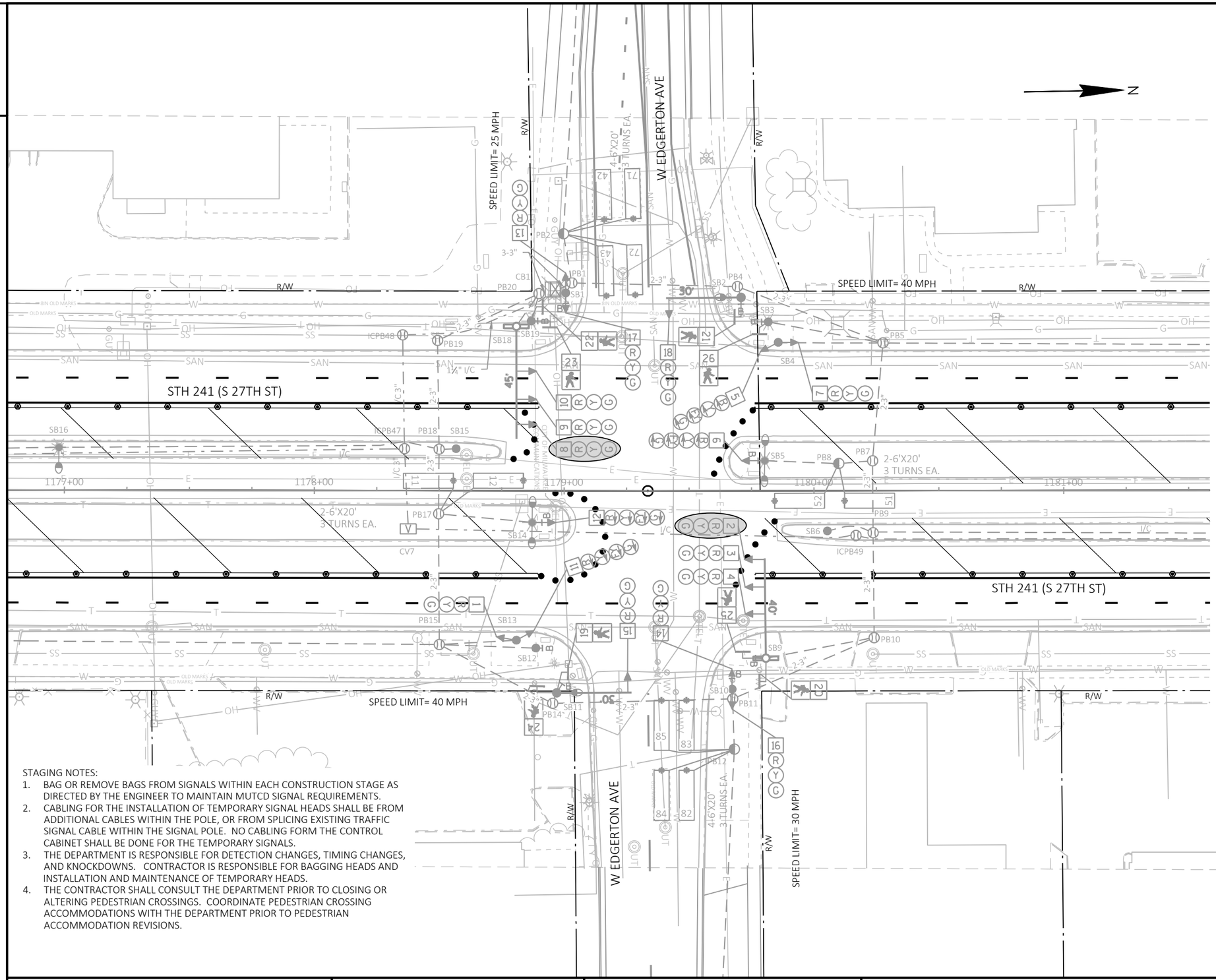
SIGNAL NO. S40-1152

REGION CONTACT: J. MURPHY
DESIGNED BY:
REVISED BY: GRAEF

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	MODIFY EXISTING TRAFFIC SIGNAL DURING CONSTRUCTION STAGE 1A & 1B	SHEET 220	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\SIGNALS\02_EDGERTON\024001_ST2.DWG
LAYOUT NAME - S40-1152_R3_pg1
PLOT DATE : 11/19/2024 10:41 AM
PLOT BY : BIEBERITZ, BEN
PLOT NAME :
PLOT SCALE : ##########
WISDOT/CADDS SHEET 42

2



LEGEND

- CONTROL CABINET
- NONMETALLIC CONDUIT 2", UNLESS OTHERWISE NOTED
- NONMETALLIC INTERCONNECT CONDUIT 2", UNLESS OTHERWISE NOTED
- LOOP DETECTOR CONDUIT 1" NONMETALLIC
- SIGNAL HEAD, TRAFFIC SIGNAL STANDARD, PEDESTAL BASE
- (XX) MONOTUBE BASE, POLE, 15'-30' ARM
- (XX) MONOTUBE BASE, POLE, 35'-55' ARM
- LUMINAIRE, TRAFFIC POLE, TRANSFORMER BASE
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- PULL BOX, 24" X 36"
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- XX SIGNAL HEAD NUMBER
- R RED CIRCULAR INDICATOR
- Y YELLOW CIRCULAR INDICATOR
- G GREEN CIRCULAR INDICATOR
- RA RED ARROW
- FY YELLOW ARROW
- G GREEN ARROW
- PEDESTRIAN HEAD WITH PUSH BUTTON
- PUSH BUTTON
- V COMMUNICATIONS VAULT
- WALK/DON'T WALK INDICATOR 16" (COUNTDOWN TIMER)
- LANE DESIGNATION FOR INFO ONLY
- TRAFFIC SIGNAL HEAD TO BE COVERED AND DE-ENERGIZED

NOTE: ALL LENSES ARE 12-INCH GRAYSHADE REPRESENTS EXISTING

STAGING NOTES:

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TRAFFIC CONTROL SIGNAL
STH 241 & W EDGERTON AVENUE
CITIES OF GREENFIELD/MILWAUKEE
MILWAUKEE COUNTY

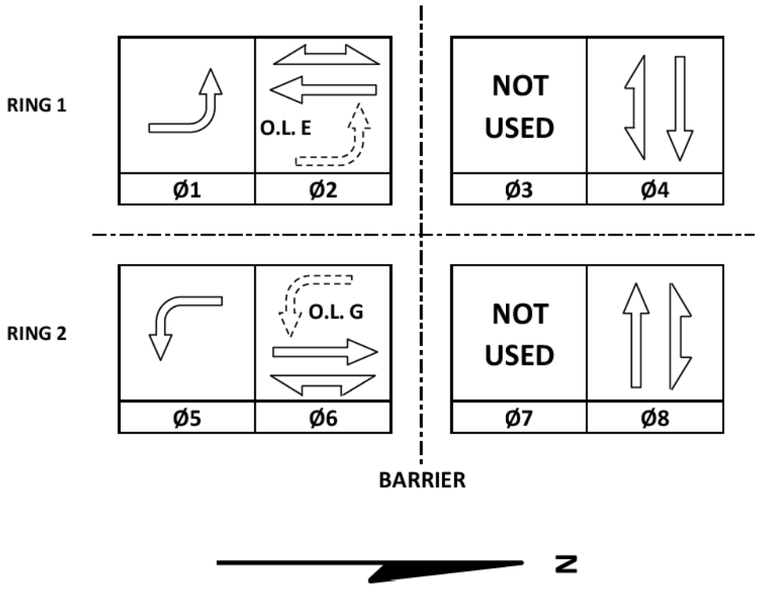
SIGNAL NO. S40-1152

REGION CONTACT: J. MURPHY
DESIGNED BY:
REVISED BY: GRAEF

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	MODIFY EXISTING TRAFFIC SIGNAL DURING CONSTRUCTION STAGE 2A & 2B	SHEET 221	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\SIGNALS\02_EDGERTON\024002_ST2.DWG
LAYOUT NAME - S40-1152_R3_pg1
PLOT DATE : 11/19/2024 10:41 AM
PLOT BY : BIEBERITZ, BEN
PLOT NAME :
PLOT SCALE : ##########
WISDOT/CADDS SHEET 42

	HEAD NUMBERS	FLASH
Ø1	5,6	R ←
Ø2	7,8,9,10	R
Ø3		
Ø4	13,14,15	R
Ø5	11,12	R ←
Ø6	1,2,3,4	R
Ø7		
Ø8	16,17,18	R
Ø2P	21,22	
Ø4P	23,24	
Ø6P	19,20	
Ø8P	25,26	
OLE	5,6	-
OLF		
OLG	11,12	-
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

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	X
ADAPTIVE	
*LOCATION OF MASTER CONTROLLER NO:	S-
SIGNAL SYSTEM NO:	SS- 00-63

TYPE OF LIGHTING	
BY OTHER AGENCY	
IN TRAFFIC CABINET	X
IN SEPARATE DOT LIGHTING CABINET	

TYPE OF PRE-EMPT	
NONE	X
RAILROAD	
EMERGENCY VEHICLE	
GTT	
TOMAR	
HARDWIRE	
OTHER	
LIFT BRIDGE	
QUEUE DETECTION	

DETECTOR LOGIC

DETECTOR INPUT	3	1	7	5	11	9	15	13
PLAN LOOP DETECTOR*(S)	41	11,12	51,52	44	84	81		
CALLED PHASE	4	1	5	4	8	8		
CALL OPTION		X	X	X	X			
DELAY TIME								
EXTENTION OPTION	X	X	X	X	X	X		
EXTEND TIME	X					X		
USE ADDED INITIAL								
CROSS SWITCH PHASE		2	6					

19	17	23	21	27	25	31	29	DETECTOR INPUT
								PLAN LOOP DETECTOR*(S)
								CALLED PHASE
								CALL OPTION
								DELAY TIME
								EXTENTION OPTION
								EXTEND TIME
								USE ADDED INITIAL
								CROSS SWITCH PHASE

DETECTOR INPUT	4	2	8	6	12	10	16	14
PLAN LOOP DETECTOR*(S)	42,43	21	61	45	85	82,83		
CALLED PHASE	4	2	6	4	8	8		
CALL OPTION	X	X	X	X	X	X		
DELAY TIME				X	X	X		
EXTENTION OPTION	X	X	X	X	X	X		
EXTEND TIME								
USE ADDED INITIAL		X	X					
CROSS SWITCH PHASE								

20	18	24	22	28	26	32	30	DETECTOR INPUT
								PLAN LOOP DETECTOR*(S)
								CALLED PHASE
								CALL OPTION
								DELAY TIME
								EXTENTION OPTION
								EXTEND TIME
								USE ADDED INITIAL
								CROSS SWITCH PHASE

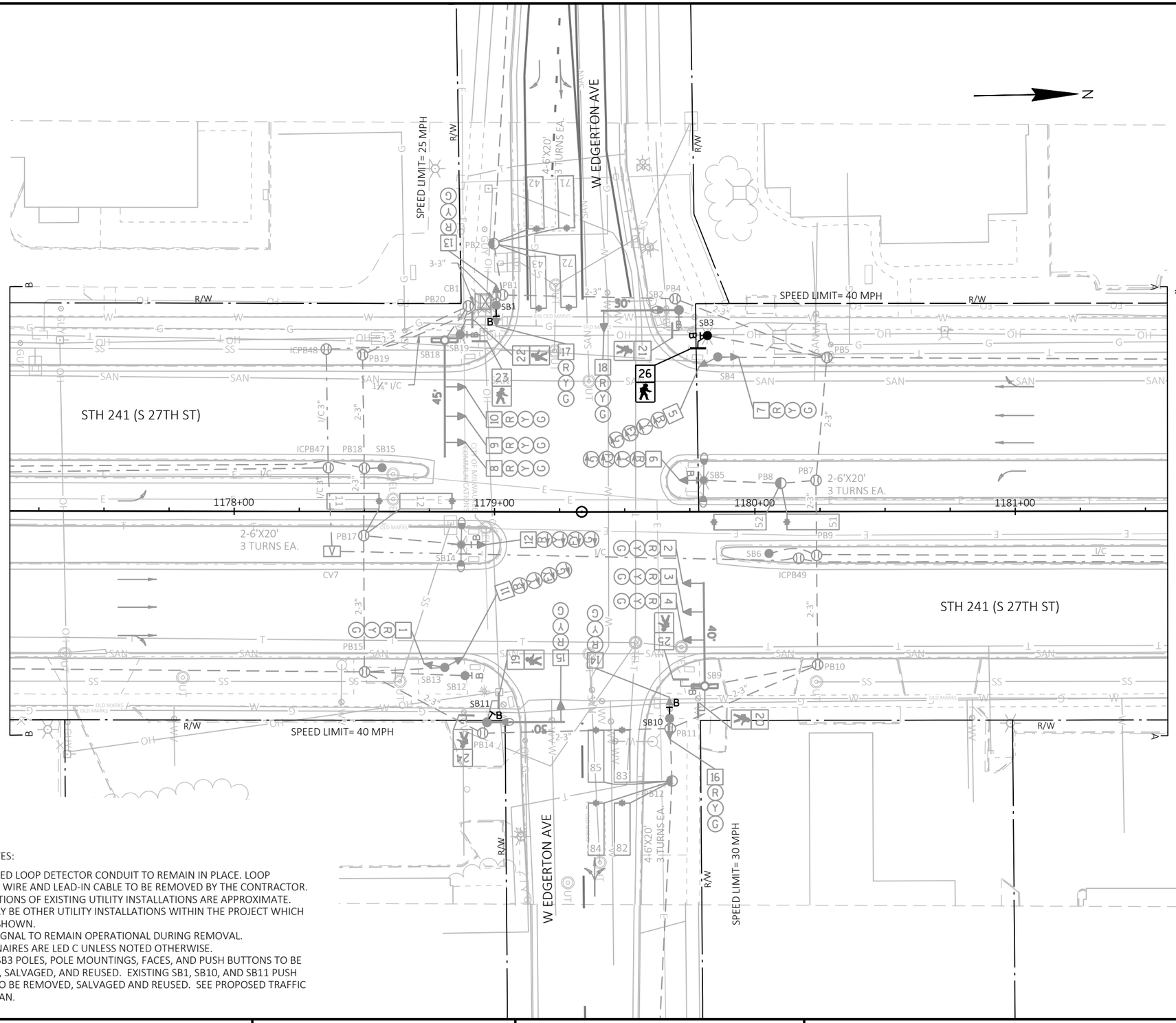
GENERAL NOTES MODIFIED FOR CONSTRUCTION:

1. REFER TO TRAFFIC CONTROL PEDESTRIAN ACCOMODATIONS PLANS FOR WHERE PEDESTRIANS ARE ACCOMODATED DURING CONSTRUCTION STAGING. CONTRACTOR SHALL CONSULT THE DEPARTMENT PRIOR TO CLOSING OR ALTERING PEDESTRAIN CROSSINGS.

STH 241 & W. EDGERTON AVENUE
CITIES: GREENFIELD/MILWAUKEE
MILWAUKEE COUNTY
SIGNAL NO: S40-1152 CABINET TYPE: TS2
CONTROLLER TYPE: ECONOLITE
DATE: 11/2024 PAGE NO. 3 OF 3

PROJECT NO: 2265-18-70 | HWY: STH 241 | COUNTY: MILWAUKEE | EXISTING SEQUENCE OF OPERATIONS MODIFIED FOR CONSTRUCTION | SHEET NO: 222 | E

2



LEGEND

- CONTROL CABINET
- NONMETALLIC CONDUIT 2", UNLESS OTHERWISE NOTED
- NONMETALLIC INTERCONNECT CONDUIT 2", UNLESS OTHERWISE NOTED
- LOOP DETECTOR CONDUIT 1" NONMETALLIC
- SIGNAL HEAD, TRAFFIC SIGNAL STANDARD, PEDESTAL BASE
- (XX) MONOTUBE BASE, POLE, 15'-30' ARM
- (XX) MONOTUBE BASE, POLE, 35'-55' 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
- RA RED ARROW
- FY YELLOW ARROW
- FG GREEN ARROW
- PEDESTRIAN HEAD WITH PUSH BUTTON
- PUSH BUTTON
- V COMMUNICATIONS VAULT
- WALK/DON'T WALK INDICATOR 16" (COUNTDOWN TIMER)
- LANE DESIGNATION FOR INFO ONLY

NOTE: ALL LENSES ARE 12-INCH
GRAYSHADE REPRESENTS EXISTING

REMOVAL NOTES:

1. ABANDONED LOOP DETECTOR CONDUIT TO REMAIN IN PLACE. LOOP DETECTOR WIRE AND LEAD-IN CABLE TO BE REMOVED BY THE CONTRACTOR.
2. THE LOCATIONS OF EXISTING UTILITY INSTALLATIONS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT WHICH ARE NOT SHOWN.
3. TRAFFIC SIGNAL TO REMAIN OPERATIONAL DURING REMOVAL.
4. ALL LUMINAIRES ARE LED C UNLESS NOTED OTHERWISE.
5. EXISTING SB3 POLES, POLE MOUNTINGS, FACES, AND PUSH BUTTONS TO BE REMOVED, SALVAGED, AND REUSED. EXISTING SB1, SB10, AND SB11 PUSH BUTTON TO BE REMOVED, SALVAGED AND REUSED. SEE PROPOSED TRAFFIC SIGNAL PLAN.

MONOTUBE STRUCTURES
SB2 = S-40-1179
SB9 = S-40-1176
SB11 = S-40-1177
SB18 = S-40-1178

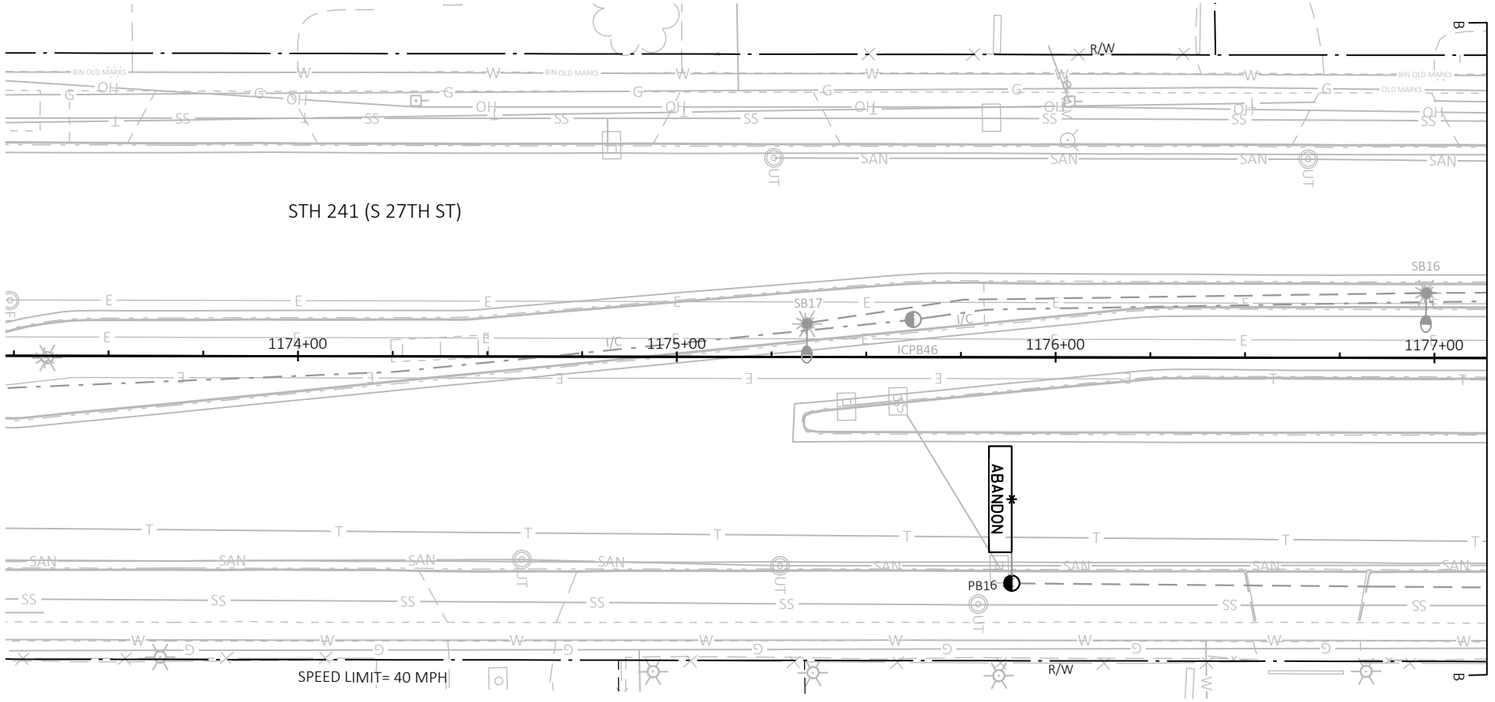
TRAFFIC CONTROL SIGNAL
STH 241 & W EDGERTON AVENUE
CITIES OF GREENFIELD/MILWAUKEE
MILWAUKEE COUNTY

SIGNAL NO. S40-1152

REGION CONTACT: J. MURPHY
DESIGNED BY:
REVISED BY: GRAEF

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	TRAFFIC SIGNAL REMOVAL PLAN	SHEET 223	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\SIGNALS\02_EDGERTON\024011_SR2.DWG
LAYOUT NAME - S40-1152_R3_pg1
PLOT DATE : 11/19/2024 10:41 AM
PLOT BY : BIEBERITZ, BEN
PLOT NAME :
PLOT SCALE : ##########
WISDOT/CADDS SHEET 42



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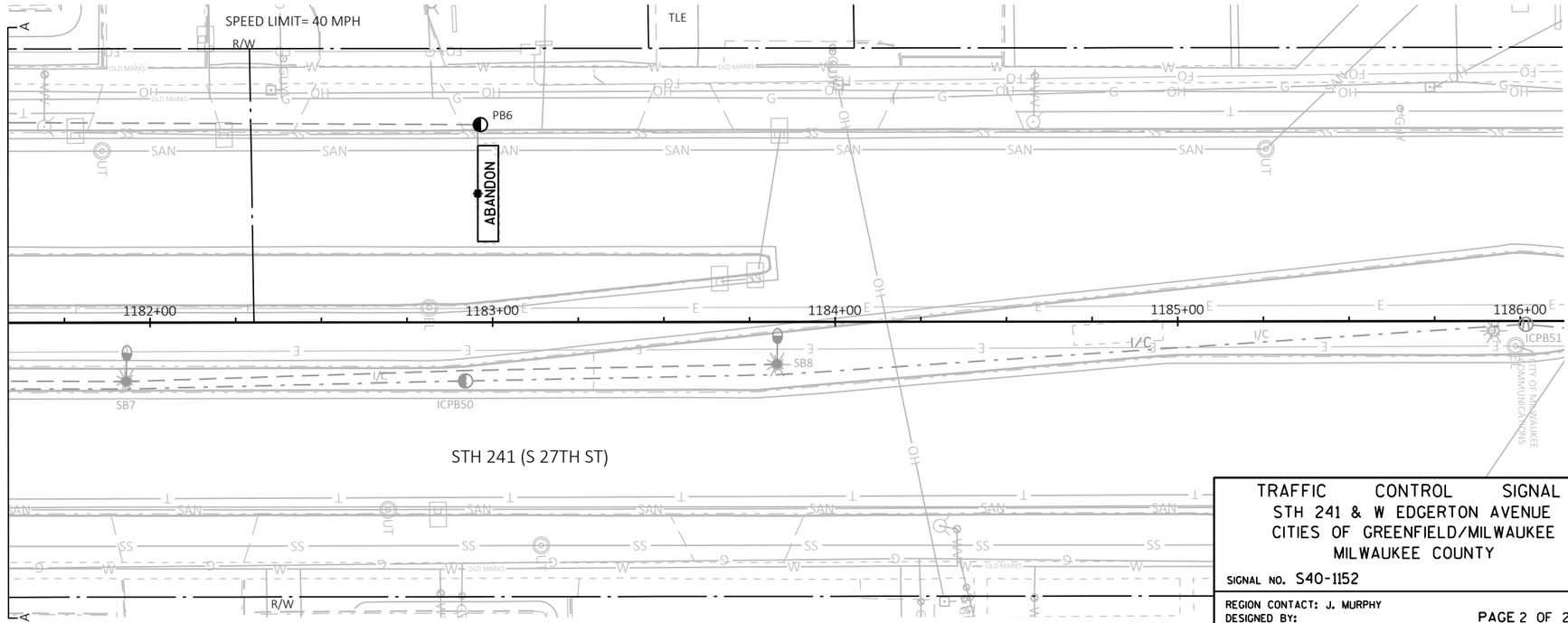

TRAFFIC CONTROL SIGNAL
STH 241 & W EDGERTON AVENUE
CITIES OF GREENFIELD/MILWAUKEE
MILWAUKEE COUNTY

SIGNAL NO. S40-1152

REGION CONTACT: J. MURPHY
DESIGNED BY:
REVISED BY: GRAEF

PAGE 2 OF 2

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	TRAFFIC SIGNAL REMOVAL PLAN	SHEET 224	E

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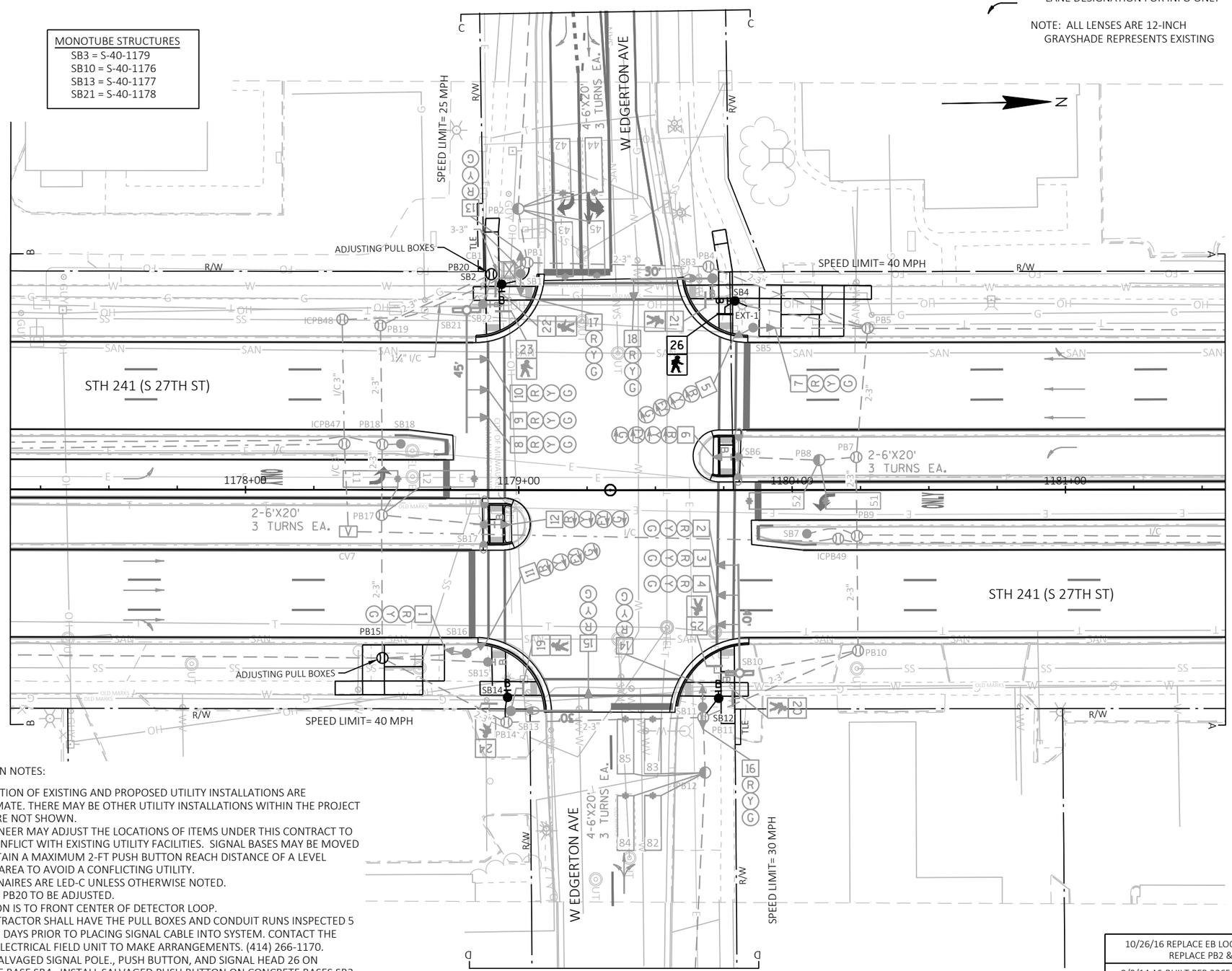
LAYOUT NAME - S40-1152_R3_pg2

PLOT DATE : 11/19/2024 10:41 AM PLOT BY : BIEBERITZ, BEN PLOT NAME : PLOT SCALE : ##########

MONOTUBE STRUCTURES
SB3 = S-40-1179
SB10 = S-40-1176
SB13 = S-40-1177
SB21 = S-40-1178

LANE DESIGNATION FOR INFO ONLY

NOTE: ALL LENSES ARE 12-INCH GRAYSHADE REPRESENTS EXISTING



CONSTRUCTION NOTES:

1. THE LOCATION OF EXISTING AND PROPOSED UTILITY INSTALLATIONS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT WHICH ARE NOT SHOWN.
2. THE ENGINEER MAY ADJUST THE LOCATIONS OF ITEMS UNDER THIS CONTRACT TO AVOID CONFLICT WITH EXISTING UTILITY FACILITIES. SIGNAL BASES MAY BE MOVED TO MAINTAIN A MAXIMUM 2-FT PUSH BUTTON REACH DISTANCE OF A LEVEL LANDING AREA TO AVOID A CONFLICTING UTILITY.
3. ALL LUMINAIRES ARE LED-C UNLESS OTHERWISE NOTED.
4. PB15 AND PB20 TO BE ADJUSTED.
5. * LOCATION IS TO FRONT CENTER OF DETECTOR LOOP.
6. 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.
7. INSTALL SALVAGED SIGNAL POLE., PUSH BUTTON, AND SIGNAL HEAD 26 ON CONCRETE BASE SB4. INSTALL SALVAGED PUSH BUTTON ON CONCRETE BASES SB2, SB12, AND SB14.

LEGEND

- CONTROL CABINET
- NONMETALLIC CONDUIT 2", UNLESS OTHERWISE NOTED
- NONMETALLIC INTERCONNECT CONDUIT 2", UNLESS OTHERWISE NOTED
- LOOP DETECTOR CONDUIT 1" NONMETALLIC
- SIGNAL HEAD, TRAFFIC SIGNAL STANDARD, PEDESTAL BASE
- (XX) MONOTUBE BASE, POLE, 15'-30' ARM
- (XX) MONOTUBE BASE, POLE, 35'-55' 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
- RA RED ARROW
- FY YELLOW ARROW
- GA GREEN ARROW
- PEDESTRIAN HEAD WITH PUSH BUTTON
- PUSH BUTTON
- V COMMUNICATIONS VAULT
- WALK/DON'T WALK INDICATOR 16" (COUNTDOWN TIMER)

REVISION				
REV. NO.	REPLACE ADVANCE DETECTION LOOPS ON STH 241			
	APPROVAL RECOMMENDED		APPROVED	
3	REGION		CENTRAL OFFICE	
	DATE	BY	DATE	BY

10/26/16 REPLACE EB LOOP DETECTORS; REPLACE PB2 & PB3

9/9/14 AS-BUILT PER 2265-10-70; REPLACE CABINET & CONTROLLER; INSTALL NB & SB FYA

12/18/09 RECONSTRUCT SIGNAL

TRAFFIC CONTROL SIGNAL
STH 241 & W EDGERTON AVENUE
CITIES: GREENFIELD/MILWAUKEE
MILWAUKEE COUNTY
CABINET TYPE: TS2
SIGNAL NO. S40-1152 CONTROLLER TYPE: ECONOLITE

WISCONSIN DEPARTMENT OF TRANSPORTATION

APPROVAL RECOMMENDED
DATE 9/11/73 ROBERT MOE, REGION TRAFFIC ENGINEER

APPROVED
DATE 9/18/73 WAYNE VOLK, STATE TRAFFIC ENGINEER

REGION CONTACT: J. MURPHY
DESIGNED BY:
REVISED BY: GRAEF

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	TRAFFIC SIGNAL PLAN	SHEET 225	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\SIGNALS\02_EDGERTON\024201_SP2.DWG
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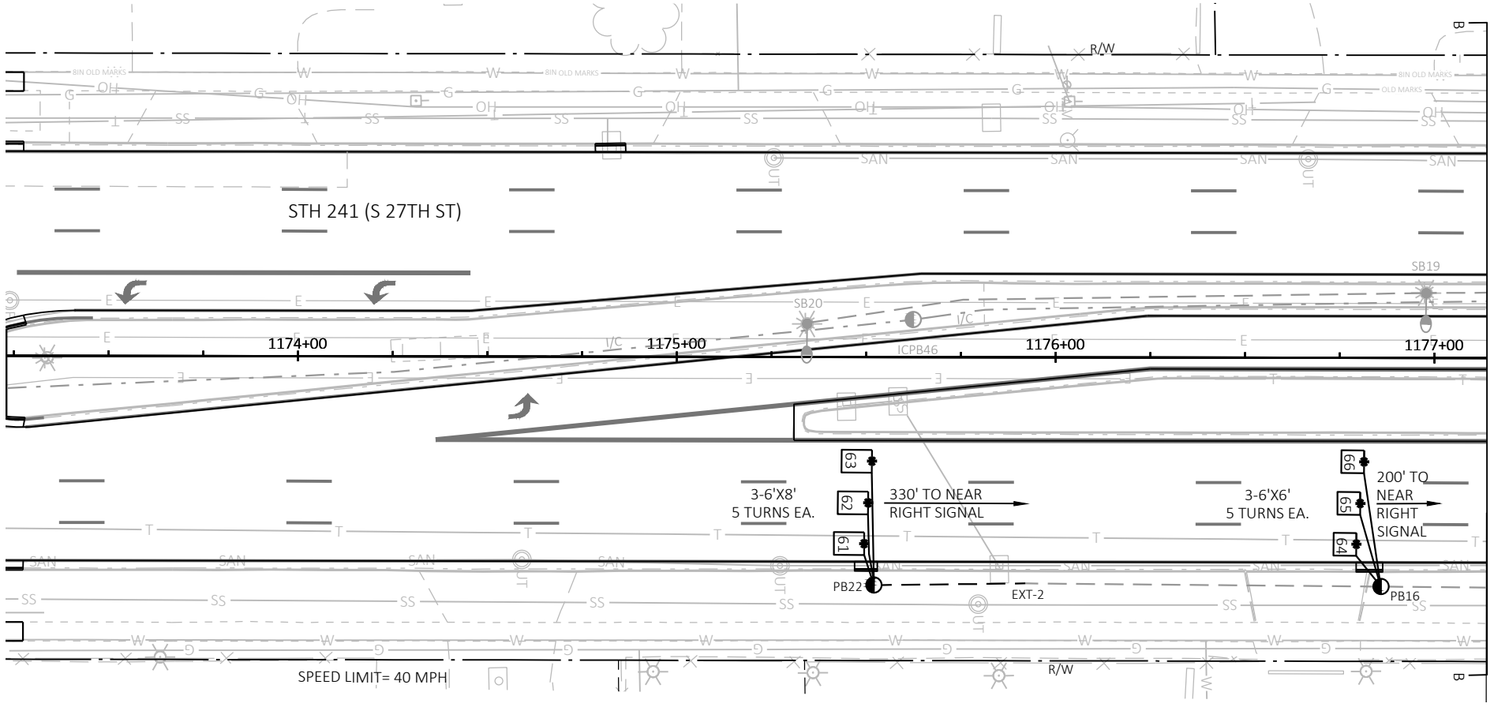
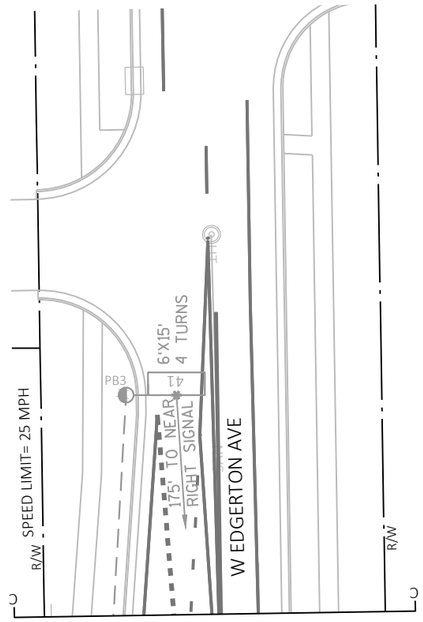
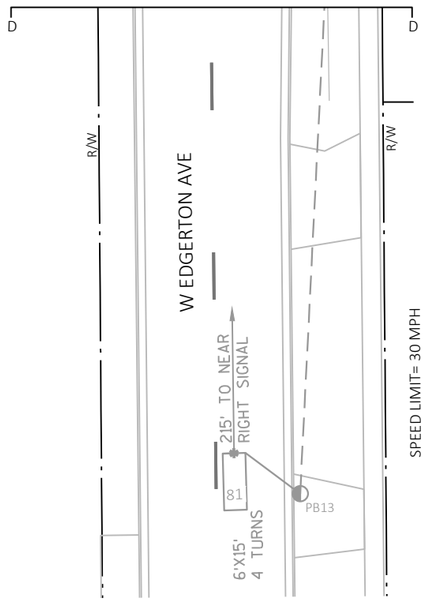
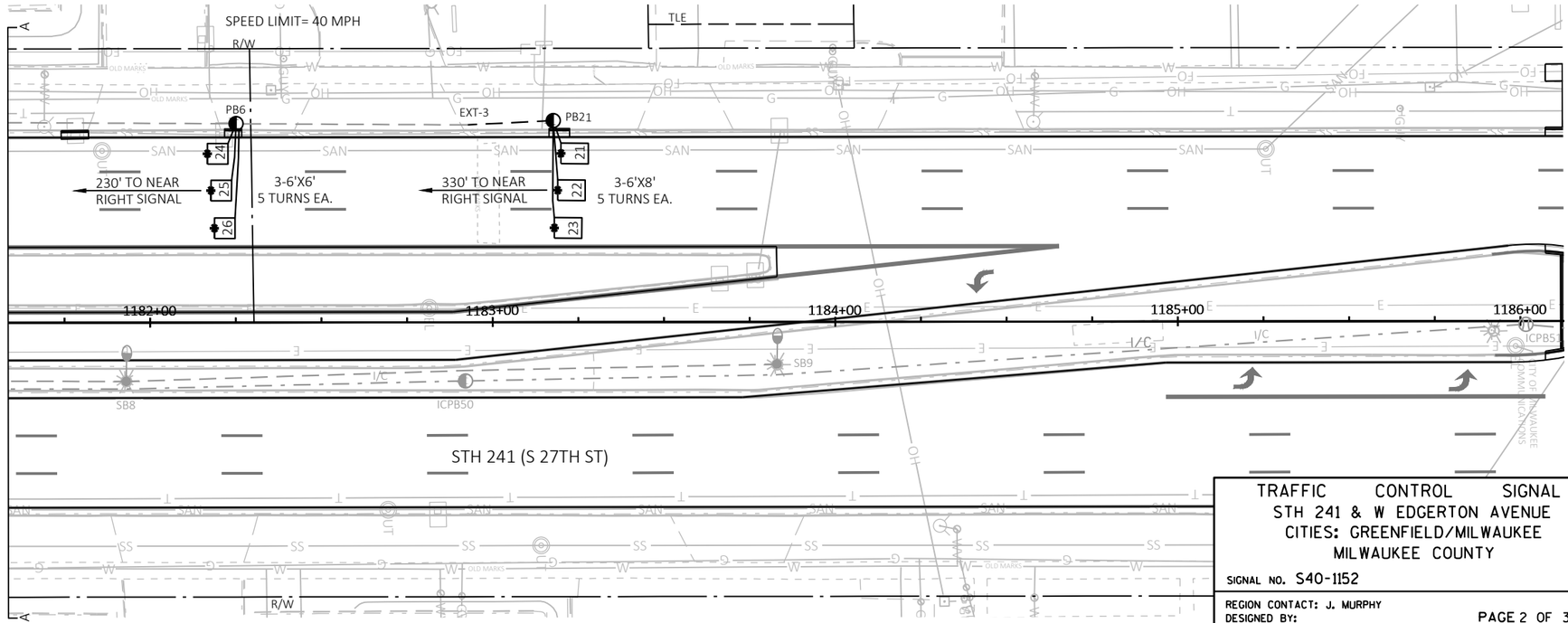








TRAFFIC CONTROL SIGNAL
STH 241 & W EDGERTON AVENUE
CITIES: GREENFIELD/MILWAUKEE
MILWAUKEE COUNTY

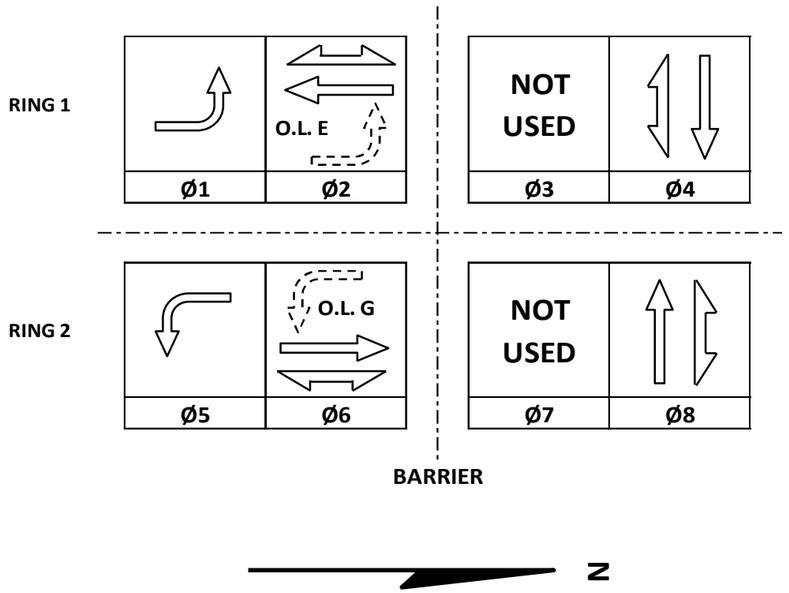
SIGNAL NO. S40-1152

REGION CONTACT: J. MURPHY
DESIGNED BY:
REVISED BY: GRAEF

PAGE 2 OF 3

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	TRAFFIC SIGNAL PLAN	SHEET 226	E

	HEAD NUMBERS	FLASH
Ø1	5,6	R ←
Ø2	7,8,9,10	R
Ø3		
Ø4	13,14,15	R
Ø5	11,12	R ←
Ø6	1,2,3,4	R
Ø7		
Ø8	16,17,18	R
Ø2P	21,22	
Ø4P	23,24	
Ø6P	19,20	
Ø8P	25,26	
OLE	5,6	-
OLF		
OLG	11,12	-
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

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	X
ADAPTIVE	
*LOCATION OF MASTER CONTROLLER NO:	S-
SIGNAL SYSTEM NO:	SS- 00-63

TYPE OF LIGHTING	
BY OTHER AGENCY	
IN TRAFFIC CABINET	X
IN SEPARATE DOT LIGHTING CABINET	

TYPE OF PRE-EMPT	
NONE	X
RAILROAD	
EMERGENCY VEHICLE	
GTT	
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	DETECTOR INPUT
PLAN LOOP DETECTOR*(S)	11	21	23	25	41	43	45	52	62	64	66	82	84				PLAN LOOP DETECTOR*(S)
CALLED PHASE	1	2	2	2	4	4	4	5	6	6	6	8	8				CALLED PHASE
CALL OPTION	X	X	X	X		X	X	X	X	X	X	X	X				CALL OPTION
DELAY TIME						X	X					X	X				DELAY TIME
EXTENTION OPTION	X	X	X	X	X	X	X	X	X	X	X	X	X				EXTENTION OPTION
EXTEND TIME					X												EXTEND TIME
USE ADDED INITIAL		X	X	X					X	X	X						USE ADDED INITIAL
CROSS SWITCH PHASE	2							6									CROSS SWITCH PHASE

DETECTOR INPUT	4	2	8	6	12	10	16	14	20	18	24	22	28	26	32	30	DETECTOR INPUT
PLAN LOOP DETECTOR*(S)	12	22	24	26	42	44	51	61	63	65	81	83	85				PLAN LOOP DETECTOR*(S)
CALLED PHASE	1	2	2	2	4	4	5	6	6	6	8	8	8				CALLED PHASE
CALL OPTION	X	X	X	X	X	X	X	X	X	X		X	X				CALL OPTION
DELAY TIME					X	X						X	X				DELAY TIME
EXTENTION OPTION	X	X	X	X	X	X	X	X	X	X	X	X	X				EXTENTION OPTION
EXTEND TIME											X						EXTEND TIME
USE ADDED INITIAL		X	X	X				X	X	X							USE ADDED INITIAL
CROSS SWITCH PHASE	2						6										CROSS SWITCH PHASE

STH 241 & W EDGERTON AVENUE
CITIES OF GREENFIELD/MILWAUKEE
MILWAUKEE COUNTY

SIGNAL NO: S40-1152	CABINET TYPE: TS2
	CONTROLLER TYPE: ECONOLITE
DATE: 11/2024	PAGE NO. 3 OF 3

PROJECT ID:	2265-18-70
INTERSECTION:	STH 241 & W EDGERTON AVE

SIGNAL WIRE COLOR CODING	BLK-BLACK	RED-RED	GRN-GREEN
	WHT-WHITE	BLU-BLUE	ORG-ORANGE

			SIGNAL INDICATION WIRE COLOR									PED BUTTON
CB1 TO	AWG14 # OF CONDUCTORS	HEAD NO.	RED	YELLOW	GREEN	<RED>	<YELLOW>	<GREEN>	FLASHING <YELLOW>	D/WALK	WALK	
SB1	12	13	RED	ORG	GRN							
		17	RED/BLK	ORG/BLK	GRN/BLK							
SB2	7	B										WHT/BLK
SB3	12	18	RED	ORG	GRN							
		21								WHT/BLK	BLU/BLK	
		B										BLK/WHT
SB4	7	26								BLK	BLU	
		B										WHT/BLK
SB5	12	5				RED/BLK	ORG/BLK	GRN/BLK	BLK			
		7	RED	ORG	GRN							
SB6	12	6				RED	ORG	GRN	BLK			
		B										BLK/WHT
SB10	12	2	RED	ORG	GRN							
		3	RED	ORG	GRN							
		4	RED	ORG	GRN							
		25								WHT/BLK	BLU/BLK	
		20								RED/BLK	GRN/BLK	
		B										BLK/WHT
SB11	12	14	RED	ORG	GRN							
		16	RED/BLK	ORG/BLK	GRN/BLK							
SB12	7	B										WHT/BLK
SB13	12	15	RED	ORG	GRN							
		24								WHT/BLK	BLU/BLK	
		19								RED/BLK	GRN/BLK	
SB14	7	B										WHT/BLK
SB15	7	B										WHT/BLK
SB16	12	1	RED	ORG	GRN							
		11				RED/BLK	ORG/BLK	GRN/BLK	BLK			
SB17	12	12				RED	ORG	GRN	BLK			
		B										BLK/WHT
SB21	12	8	RED	ORG	GRN							
		9	RED	ORG	GRN							
		10	RED	ORG	GRN							
SB22	7	22								BLK	BLU	
		23								ORG	GRN	
		B										WHT/BLK

EQUIPMENT GROUNDING CONDUCTOR 10 AWG GRN XLP	
FROM	TO
CB1	SB1
SB1	SB2
SB2	SB3
SB3	SB4
SB4	SB5
SB5	SB6
SB6	SB10
SB10	SB11
SB11	SB12
SB12	SB13
SB13	SB14
SB14	SB15
SB15	SB16
SB16	SB17
SB17	SB21
SB21	SB22
SB22	CB1

LIGHTING UF 10 AWG W/ GROUND	
FROM	TO
CB1	SB3
SB3	SB6
SB6	SB8
SB8	SB9
SB9	SB13
SB13	SB17
SB17	SB19
SB19	SB20

PULL BOX BONDING JUMPER 10 AWG GRN XLP	
FROM	TO
PB1	SB1
PB4	SB3
PB5	SB5
PB7	SB6
PB8	SB6
PB9	SB7
PB10	SB10
PB11	SB11
PB14	SB13
PB15	SB16
PB17	SB17
PB18	SB18
PB19	SB21
PB20	CB1

NOTES: *USE WHITE CONDUCTOR IN THE SIGNAL CABLE AS THE GROUNDED CONDUCTOR FOR ALL TRAFFIC SIGNAL INDICATIONS.
*ENSURE THE GROUNDED CONDUCTOR IN THE FEEDER CABLE AND THE POLE CABLES ARE BOTH 18" LONGER THAN THE UNGROUNDED CONDUCTORS.
*RECONNECT THE GROUNDING CONDUCTORS WHENEVER THE CIRCUIT HAS BEEN INTERRUPTED TO ENSURE THE GROUNDING CIRCUIT IS COMPLETE.

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) MONOTUBE BASE, POLE, 15'-30' ARM
- (XX) MONOTUBE BASE, POLE, 35'-55' ARM
- PEDESTRIAN HEAD WITH PUSH BUTTON
- PUSH BUTTON
- LUMINAIRE, TRAFFIC POLE, TRANSFORMER BASE

STAGING NOTES:

1. BAG OR REMOVE BAGS FROM SIGNALS WITHIN EACH CONSTRUCTION STAGE AS DIRECTED BY THE ENGINEER TO MAINTAIN MUTCD SIGNAL REQUIREMENTS.
2. CABLING FOR THE INSTALLATION OF TEMPORARY SIGNAL HEADS SHALL BE FROM ADDITIONAL CABLES WITHIN THE POLE, OR FROM SPLICING EXISTING TRAFFIC SIGNAL CABLE WITHIN THE SIGNAL POLE. NO CABLING FORM THE CONTROL CABINET SHALL BE DONE FOR THE TEMPORARY SIGNALS.
3. EXISTING NON-INTRUSIVE DETECTION TO REMAIN OPERATIONAL UNTIL NEW LOOPS ARE ACTIVE. DETECTION ZONES WILL BE MODIFIED WITH EACH STAGE CHANGE BY THE DEPARTMENT.
4. THE DEPARTMENT IS RESPONSIBLE FOR DETECTION CHANGES, TIMING CHANGES, AND KNOCKDOWNS. CONTRACTOR IS RESPONSIBLE FOR BAGGING HEADS AND INSTALLATION AND MAINTENANCE OF TEMPORARY HEADS.
5. THE CONTRACTOR SHALL CONSULT THE DEPARTMENT PRIOR TO CLOSING OR ALTERING PEDESTRIAN CROSSINGS. COORDINATE PEDESTRIAN CROSSING ACCOMMODATIONS WITH THE DEPARTMENT PRIOR TO PEDESTRIAN ACCOMMODATION REVISIONS.

N

STH 241 (S 27TH ST)

W LAYTON AVE (CTH Y)

SPEED LIMIT= 35 MPH

SPEED LIMIT= 40 MPH

- LOOP DETECTOR IN 1" NONMETALLIC CONDUIT
- VIDEO DETECTION AREA
- XX VIDEO DETECTION CAMERA
- PULL BOX, 24" X 36"
- PULL BOX, 24" X 42"
- SIGNAL HEAD NUMBER
- (R) RED CIRCULAR INDICATOR
- (Y) YELLOW CIRCULAR INDICATOR
- (G) GREEN CIRCULAR INDICATOR
- RED ARROW
- YELLOW ARROW
- GREEN ARROW
- WALK/DON'T WALK INDICATOR 16" (COUNTDOWN TIMER)
- EVP DESIGNATOR
- EVP DETECTOR HEAD
- COMMUNICATIONS VAULT
- LANE DESIGNATION FOR INFO ONLY
- TRAFFIC SIGNAL HEAD TO BE COVERED AND DE-ENERGIZED

NOTE: ALL LENSES ARE 12-INCH GRAYSHADE REPRESENTS EXISTING

TRAFFIC CONTROL SIGNAL

STH 241 & W LAYTON AVENUE (CTH Y)
CITIES OF GREENFIELD/MILWAUKEE
MILWAUKEE COUNTY

SIGNAL NO. S40-1077

REGION CONTACT: J. MURPHY
DESIGNED BY:
REVISED BY: GRAEF

PAGE 1 OF 3

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	MODIFY EXISTING TRAFFIC SIGNAL DURING CONSTRUCTION STAGE 1A & 1B	SHEET 229	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\SIGNALS\01_LAYTON\024001_ST1.DWG
LAYOUT NAME - S40-1077_R9_pg1

PLOT DATE : 11/19/2024 10:42 AM PLOT BY : BIEBERITZ, BEN PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

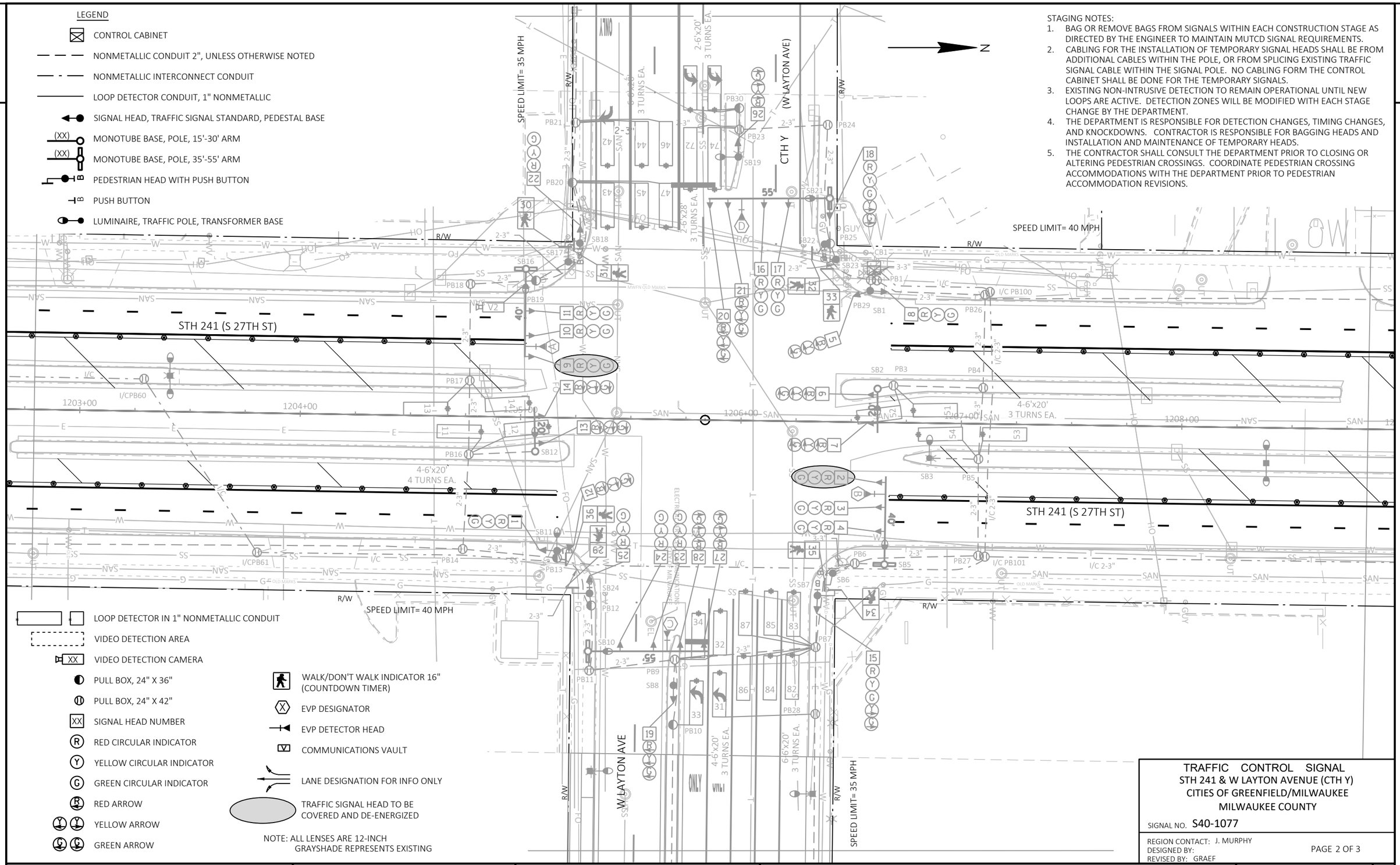
2

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) MONOTUBE BASE, POLE, 15'-30' ARM
- (XX) MONOTUBE BASE, POLE, 35'-55' ARM
- PEDESTRIAN HEAD WITH PUSH BUTTON
- PUSH BUTTON
- LUMINAIRE, TRAFFIC POLE, TRANSFORMER BASE

STAGING NOTES:

1. BAG OR REMOVE BAGS FROM SIGNALS WITHIN EACH CONSTRUCTION STAGE AS DIRECTED BY THE ENGINEER TO MAINTAIN MUTCD SIGNAL REQUIREMENTS.
2. CABLING FOR THE INSTALLATION OF TEMPORARY SIGNAL HEADS SHALL BE FROM ADDITIONAL CABLES WITHIN THE POLE, OR FROM SPLICING EXISTING TRAFFIC SIGNAL CABLE WITHIN THE SIGNAL POLE. NO CABLING FORM THE CONTROL CABINET SHALL BE DONE FOR THE TEMPORARY SIGNALS.
3. EXISTING NON-INTRUSIVE DETECTION TO REMAIN OPERATIONAL UNTIL NEW LOOPS ARE ACTIVE. DETECTION ZONES WILL BE MODIFIED WITH EACH STAGE CHANGE BY THE DEPARTMENT.
4. THE DEPARTMENT IS RESPONSIBLE FOR DETECTION CHANGES, TIMING CHANGES, AND KNOCKDOWNS. CONTRACTOR IS RESPONSIBLE FOR BAGGING HEADS AND INSTALLATION AND MAINTENANCE OF TEMPORARY HEADS.
5. THE CONTRACTOR SHALL CONSULT THE DEPARTMENT PRIOR TO CLOSING OR ALTERING PEDESTRIAN CROSSINGS. COORDINATE PEDESTRIAN CROSSING ACCOMMODATIONS WITH THE DEPARTMENT PRIOR TO PEDESTRIAN ACCOMMODATION REVISIONS.



- LOOP DETECTOR IN 1" NONMETALLIC CONDUIT
- VIDEO DETECTION AREA
- XX VIDEO DETECTION CAMERA
- 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
- RED ARROW
- YELLOW ARROW
- GREEN ARROW
- WALK/DON'T WALK INDICATOR 16" (COUNTDOWN TIMER)
- (X) EVP DESIGNATOR
- EVP DETECTOR HEAD
- COMMUNICATIONS VAULT
- LANE DESIGNATION FOR INFO ONLY
- TRAFFIC SIGNAL HEAD TO BE COVERED AND DE-ENERGIZED

NOTE: ALL LENSES ARE 12-INCH GRAYSHADE REPRESENTS EXISTING

TRAFFIC CONTROL SIGNAL
STH 241 & W LAYTON AVENUE (CTH Y)
CITIES OF GREENFIELD/MILWAUKEE
MILWAUKEE COUNTY

SIGNAL NO. S40-1077

REGION CONTACT: J. MURPHY
DESIGNED BY:
REVISED BY: GRAEF

PAGE 2 OF 3

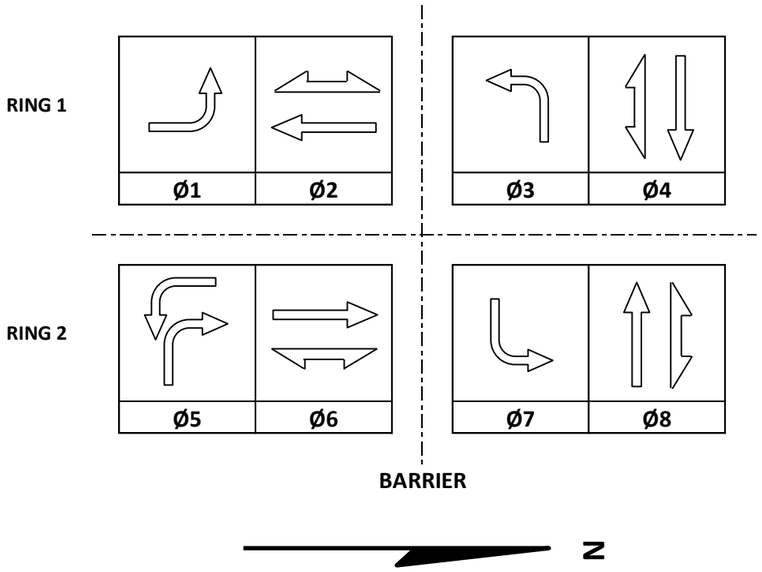
PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	MODIFY EXISTING TRAFFIC SIGNAL DURING CONSTRUCTION STAGE 2A & 2B	SHEET 230	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\SIGNALS\01_LAYTON\024002_ST1.DWG
LAYOUT NAME - S40-1077_R9_pg1

PLOT DATE : 11/19/2024 10:42 AM PLOT BY : BIEBERITZ, BEN PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

	HEAD NUMBERS	FLASH
Ø1	5,6,7	R ←
Ø2	8,9,10,11	R
Ø3	19,20,21	R ←
Ø4	22,23,24,25	R
Ø5	12,13,14	R ←
Ø6	1,2,3,4	R
Ø7	26,27,28	R ←
Ø8	15,16,17,18	R
Ø2P	31,32	
Ø4P	29,30	
Ø6P	35,36	
Ø8P	33,34	
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		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-
SIGNAL SYSTEM NO:	SS- 40-0022

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	32	34	42	44	46
CALLED PHASE	1	1	2	3	3	4	4	4
CALL OPTION	X	X	X	X	X	X	X	X
DELAY TIME						X		
EXTENTION OPTION	X	X	X	X	X	X	X	X
EXTEND TIME								
USE ADDED INITIAL			X					
CROSS SWITCH PHASE								

	19	17	23	21	27	25	31	29
	51	53	71	73	81	83	85	87
	5	5	7	7	8	8	8	8
	X	X	X	X		X	X	X
						X		
	X	X	X	X	X	X	X	X
					X			

	35	33	39	37	43	41	47	45	
		61							PLAN LOOP DETECTOR*(S)
		6							CALLED PHASE
		X							CALL OPTION
									DELAY TIME
		X							EXTENTION OPTION
									EXTEND TIME
		X							USE ADDED INITIAL
									CROSS SWITCH PHASE

DETECTOR INPUT	4	2	8	6	12	10	16	14
PLAN LOOP DETECTOR*(S)	12	14	31	33	41	43	45	47
CALLED PHASE	1	1	3	3	4	4	4	4
CALL OPTION	X	X	X	X		X	X	X
DELAY TIME						X		
EXTENTION OPTION	X	X	X	X	X	X	X	X
EXTEND TIME					X			
USE ADDED INITIAL								
CROSS SWITCH PHASE								

	20	18	24	22	28	26	32	30
	52	54	72	74	82	84	86	88
	5	5	7	7	8	8	8	8
	X	X	X	X	X	X	X	X
					X			
	X	X	X	X	X	X	X	X

	36	34	40	38	44	42	48	46	
									PLAN LOOP DETECTOR*(S)
									CALLED PHASE
									CALL OPTION
									DELAY TIME
									EXTENTION OPTION
									EXTEND TIME
									USE ADDED INITIAL
									CROSS SWITCH PHASE

GENERAL NOTES MODIFIED FOR CONSTRUCTION:

1. REFER TO TRAFFIC CONTROL PEDESTRIAN ACCOMODATIONS PLANS FOR WHERE PEDESTRIANS ARE ACCOMODATED DURING CONSTRUCTION STAGING. CONTRACTOR SHALL CONSULT THE DEPARTMENT PRIOR TO CLOSING OR ALTERING PEDESTRAIN CROSSINGS.

STH 241 (S 27TH ST) & CTH Y/W LAYTON AVE
CITY OF GREENFIELD/CITY OF MILWAUKEE
MILWAUKEE COUNTY
SIGNAL NO: S40-1077 CABINET TYPE: TS2-S
CONTROLLER TYPE: ECONOLITE
DATE: 11/2024 PAGE NUMBER: 3 OF 3

FILE NAME: \\WKERTOVFILP01\n3public\SPO\Operations\Signals\Databases\Signal Intersection Files\S40-1077\PLANS\TS2-S_E_FYA_EFGH_Econolite_SEQ.xlsx PLOT DATE: 1/27/2021 PLOT NAME: TS2-S_E_FYA_EFGH_Ecor PLOT BY: WOLFORD, DERRIN PLOT SCALE: 1:1

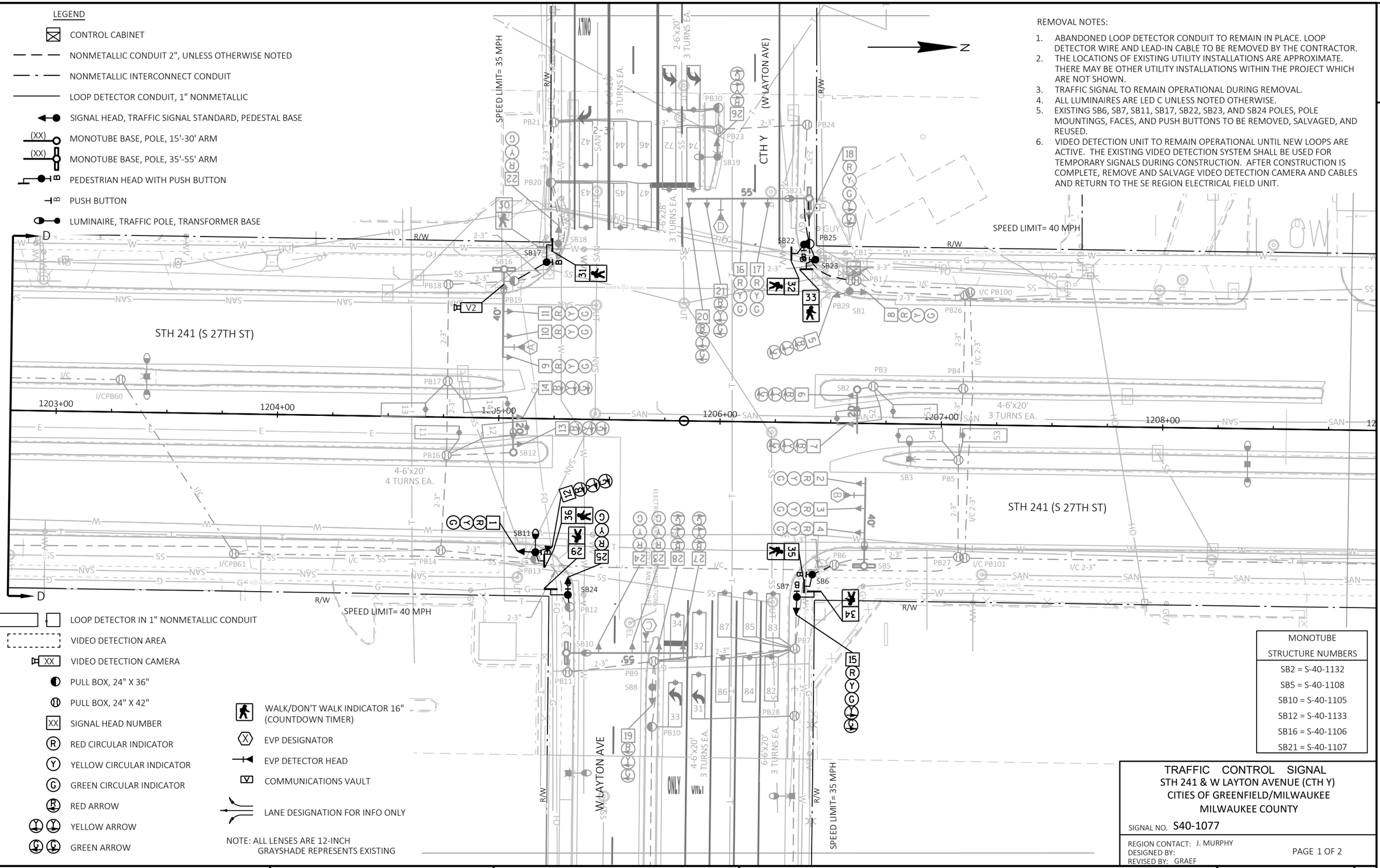
2

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) MONOTUBE BASE, POLE, 15'-30' ARM
- (XX) MONOTUBE BASE, POLE, 35'-55' ARM
- PEDESTRIAN HEAD WITH PUSH BUTTON
- PUSH BUTTON
- LUMINAIRE, TRAFFIC POLE, TRANSFORMER BASE

REMOVAL NOTES:

1. ABANDONED LOOP DETECTOR CONDUIT TO REMAIN IN PLACE. LOOP DETECTOR WIRE AND LEAD-IN CABLE TO BE REMOVED BY THE CONTRACTOR.
2. THE LOCATIONS OF EXISTING UTILITY INSTALLATIONS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT WHICH ARE NOT SHOWN.
3. TRAFFIC SIGNAL TO REMAIN OPERATIONAL DURING REMOVAL.
4. ALL LUMINAIRES ARE LED C UNLESS NOTED OTHERWISE.
5. EXISTING SB6, SB7, SB11, SB17, SB22, SB23, AND SB24 POLES, POLE MOUNTINGS, FACES, AND PUSH BUTTONS TO BE REMOVED, SALVAGED, AND REUSED.
6. VIDEO DETECTION UNIT TO REMAIN OPERATIONAL UNTIL NEW LOOPS ARE ACTIVE. THE EXISTING VIDEO DETECTION SYSTEM SHALL BE USED FOR TEMPORARY SIGNALS DURING CONSTRUCTION. AFTER CONSTRUCTION IS COMPLETE, REMOVE AND SALVAGE VIDEO DETECTION CAMERA AND CABLES AND RETURN TO THE SE REGION ELECTRICAL FIELD UNIT.



- LOOP DETECTOR IN 1" NONMETALLIC CONDUIT
- VIDEO DETECTION AREA
- XX VIDEO DETECTION CAMERA
- 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
- (R) RED ARROW
- (Y) (Y) YELLOW ARROW
- (G) (G) GREEN ARROW

- WALK/DON'T WALK INDICATOR 16" (COUNTDOWN TIMER)
- (X) EVP DESIGNATOR
- EVP DETECTOR HEAD
- V COMMUNICATIONS VAULT
- LANE DESIGNATION FOR INFO ONLY

NOTE: ALL LENSES ARE 12-INCH
GRAYSHADE REPRESENTS EXISTING

MONOTUBE STRUCTURE NUMBERS
SB2 = S-40-1132
SB5 = S-40-1108
SB10 = S-40-1105
SB12 = S-40-1133
SB16 = S-40-1106
SB21 = S-40-1107

TRAFFIC CONTROL SIGNAL

STH 241 & W LAYTON AVENUE (CTH Y)
CITIES OF GREENFIELD/MILWAUKEE
MILWAUKEE COUNTY

SIGNAL NO. S40-1077

REGION CONTACT: J. MURPHY
DESIGNED BY:
REVISED BY: GRAEF

PAGE 1 OF 2

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	TRAFFIC SIGNAL REMOVAL PLAN	SHEET 232	E

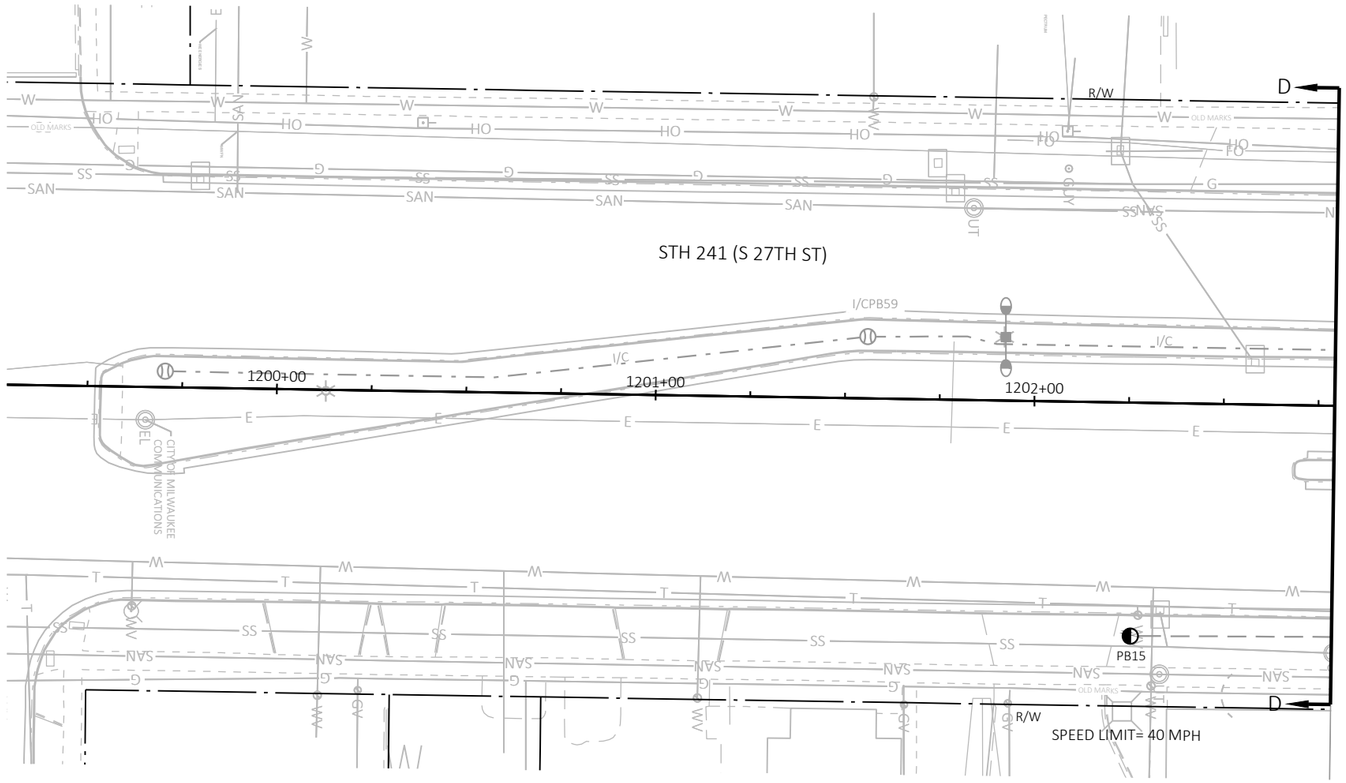
FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\SIGNALS\01_LAYTON\024011_SR1.DWG
LAYOUT NAME - S40-1077_R9_pg1

PLOT DATE : 11/19/2024 10:42 AM PLOT BY : BIEBERITZ, BEN PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

N



TRAFFIC CONTROL SIGNAL
STH 241 & W LAYTON AVENUE (CTH Y)
CITIES OF GREENFIELD/MILWAUKEE
MILWAUKEE COUNTY

SIGNAL NO. S40-1077

REGION CONTACT: J. MURPHY
DESIGNED BY:
REVISED BY: GRAEF

PAGE 2 OF 2

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	TRAFFIC SIGNAL REMOVAL PLAN	SHEET 233	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\SIGNALS\01_LAYTON\024011_SR1.DWG
LAYOUT NAME - S40-1077_R9_pg2

PLOT DATE : 11/19/2024 11:10 AM PLOT BY : BIEBERITZ, BEN PLOT NAME : PLOT SCALE : 1 IN:40 FT

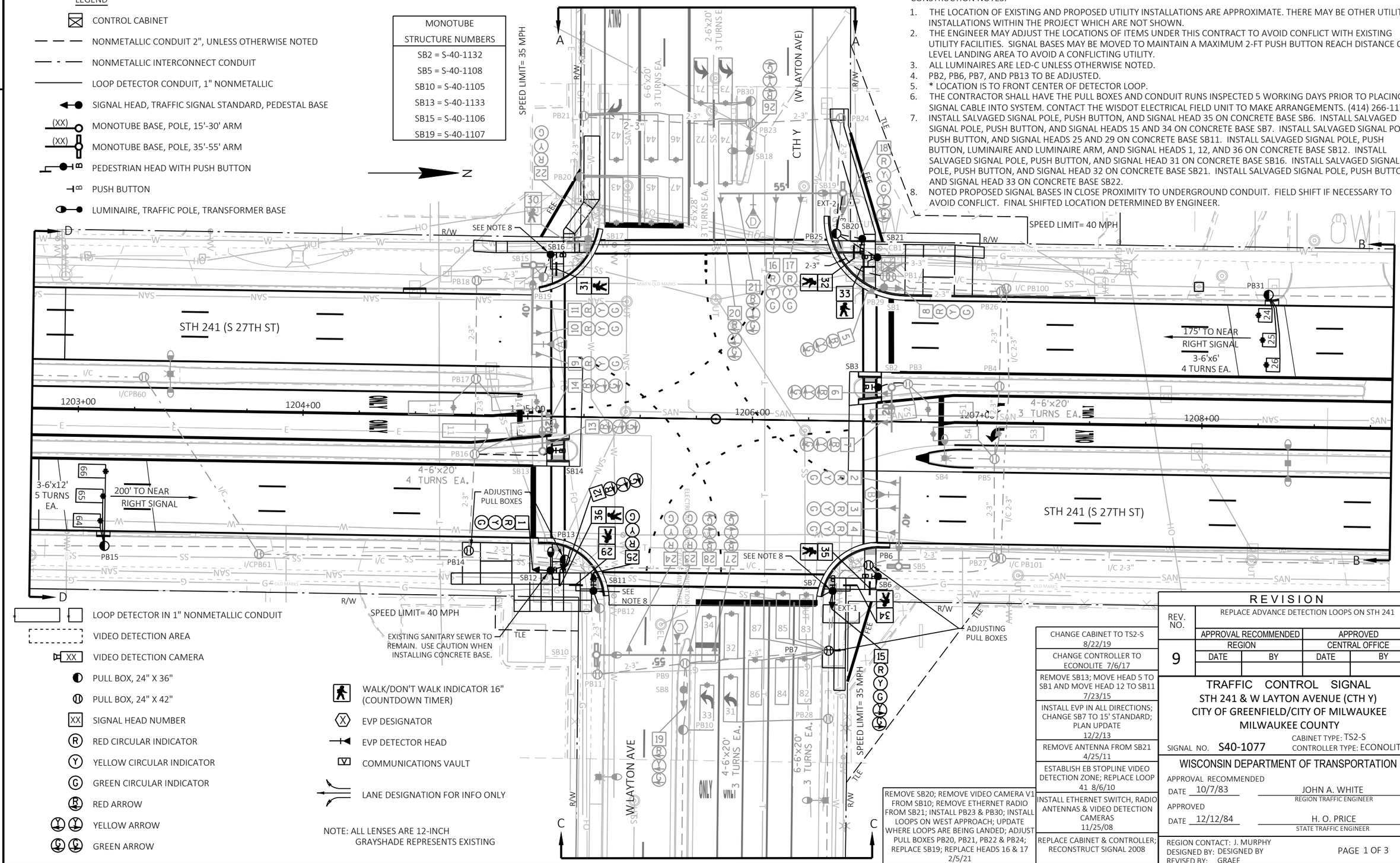
LEGEND

- CONTROL CABINET
- NONMETALLIC CONDUIT 2", UNLESS OTHERWISE NOTED
- NONMETALLIC INTERCONNECT CONDUIT
- LOOP DETECTOR CONDUIT, 1" NONMETALLIC
- SIGNAL HEAD, TRAFFIC SIGNAL STANDARD, PEDESTAL BASE
- (XX) MONOTUBE BASE, POLE, 15'-30' ARM
- (XX) MONOTUBE BASE, POLE, 35'-55' ARM
- PEDESTRIAN HEAD WITH PUSH BUTTON
- PUSH BUTTON
- LUMINAIRE, TRAFFIC POLE, TRANSFORMER BASE

MONOTUBE STRUCTURE NUMBERS
SB2 = S-40-1132
SB5 = S-40-1108
SB10 = S-40-1105
SB13 = S-40-1133
SB15 = S-40-1106
SB19 = S-40-1107

CONSTRUCTION NOTES:

1. THE LOCATION OF EXISTING AND PROPOSED UTILITY INSTALLATIONS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT WHICH ARE NOT SHOWN.
2. THE ENGINEER MAY ADJUST THE LOCATIONS OF ITEMS UNDER THIS CONTRACT TO AVOID CONFLICT WITH EXISTING UTILITY FACILITIES. SIGNAL BASES MAY BE MOVED TO MAINTAIN A MAXIMUM 2-FT PUSH BUTTON REACH DISTANCE OF A LEVEL LANDING AREA TO AVOID A CONFLICTING UTILITY.
3. ALL LUMINAIRES ARE LED-C UNLESS OTHERWISE NOTED.
4. PB2, PB6, PB7, AND PB13 TO BE ADJUSTED.
5. * LOCATION IS TO FRONT CENTER OF DETECTOR LOOP.
6. 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.
7. INSTALL SALVAGED SIGNAL POLE, PUSH BUTTON, AND SIGNAL HEAD 35 ON CONCRETE BASE SB6. INSTALL SALVAGED SIGNAL POLE, PUSH BUTTON, AND SIGNAL HEADS 15 AND 34 ON CONCRETE BASE SB7. INSTALL SALVAGED SIGNAL POLE, PUSH BUTTON, AND SIGNAL HEADS 25 AND 29 ON CONCRETE BASE SB11. INSTALL SALVAGED SIGNAL POLE, PUSH BUTTON, LUMINAIRE AND LUMINAIRE ARM, AND SIGNAL HEADS 1, 12, AND 36 ON CONCRETE BASE SB12. INSTALL SALVAGED SIGNAL POLE, PUSH BUTTON, AND SIGNAL HEAD 31 ON CONCRETE BASE SB16. INSTALL SALVAGED SIGNAL POLE, PUSH BUTTON, AND SIGNAL HEAD 32 ON CONCRETE BASE SB21. INSTALL SALVAGED SIGNAL POLE, PUSH BUTTON, AND SIGNAL HEAD 33 ON CONCRETE BASE SB22.
8. NOTED PROPOSED SIGNAL BASES IN CLOSE PROXIMITY TO UNDERGROUND CONDUIT. FIELD SHIFT IF NECESSARY TO AVOID CONFLICT. FINAL SHIFTED LOCATION DETERMINED BY ENGINEER.



LOOP DETECTOR IN 1" NONMETALLIC CONDUIT
VIDEO DETECTION AREA
XX VIDEO DETECTION CAMERA
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
R RED ARROW
Y Y YELLOW ARROW
G G GREEN ARROW

WALK/DON'T WALK INDICATOR 16" (COUNTDOWN TIMER)
X EVP DESIGNATOR
EVP DETECTOR HEAD
V COMMUNICATIONS VAULT
LANE DESIGNATION FOR INFO ONLY

NOTE: ALL LENSES ARE 12-INCH
GRAYSHADE REPRESENTS EXISTING

REVISION				
REV. NO.	REPLACE ADVANCE DETECTION LOOPS ON STH 241			
	APPROVAL RECOMMENDED		APPROVED	
	REGION		CENTRAL OFFICE	
9	DATE	BY	DATE	BY

CHANGE CABINET TO TS2-S 8/22/19
CHANGE CONTROLLER TO ECONOLITE 7/6/17
REMOVE SB13; MOVE HEAD 5 TO SB1 AND MOVE HEAD 12 TO SB11 7/23/15
INSTALL EVP IN ALL DIRECTIONS; CHANGE SB7 TO 15' STANDARD; PLAN UPDATE 12/2/13
REMOVE ANTENNA FROM SB21 4/25/11
ESTABLISH EB STOPLINE VIDEO DETECTION ZONE; REPLACE LOOP 41 8/6/10
INSTALL ETHERNET SWITCH, RADIO ANTENNAS & VIDEO DETECTION CAMERAS 11/25/08
REPLACE CABINET & CONTROLLER; RECONSTRUCT SIGNAL 2008
REMOVE SB20; REMOVE VIDEO CAMERA V1 FROM SB10; REMOVE ETHERNET RADIO FROM SB21; INSTALL PB23 & PB30; INSTALL LOOPS ON WEST APPROACH; UPDATE WHERE LOOPS ARE BEING LANDED; ADJUST PULL BOXES PB20, PB21, PB22 & PB24; REPLACE SB19; REPLACE HEADS 16 & 17 2/5/21

TRAFFIC CONTROL SIGNAL
STH 241 & W LAYTON AVENUE (CTH Y)
CITY OF GREENFIELD/CITY OF MILWAUKEE
MILWAUKEE COUNTY

SIGNAL NO. S40-1077
CABINET TYPE: TS2-S
CONTROLLER TYPE: ECONOLITE

WISCONSIN DEPARTMENT OF TRANSPORTATION

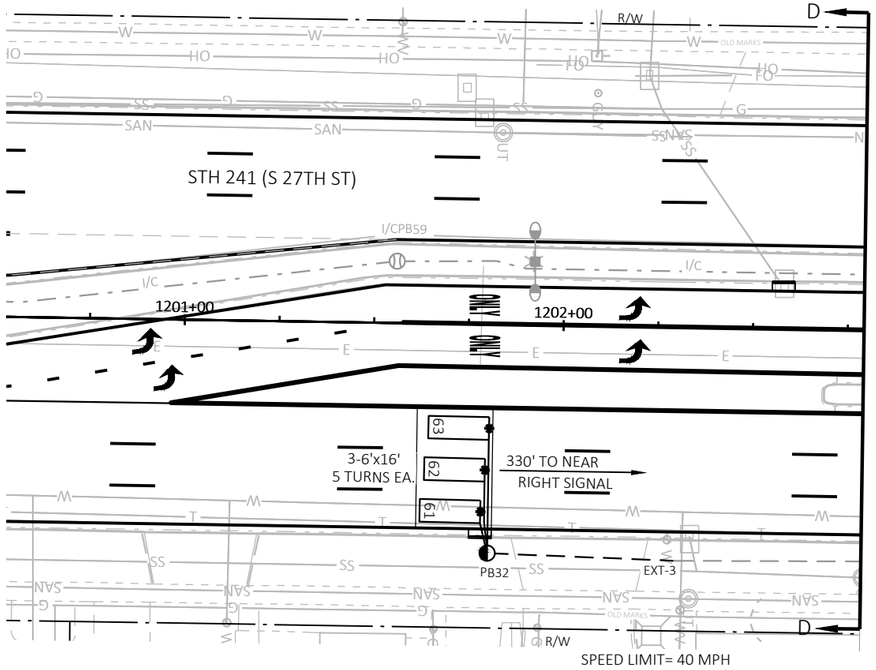
APPROVAL RECOMMENDED
DATE 10/7/83 — JOHN A. WHITE, REGION TRAFFIC ENGINEER

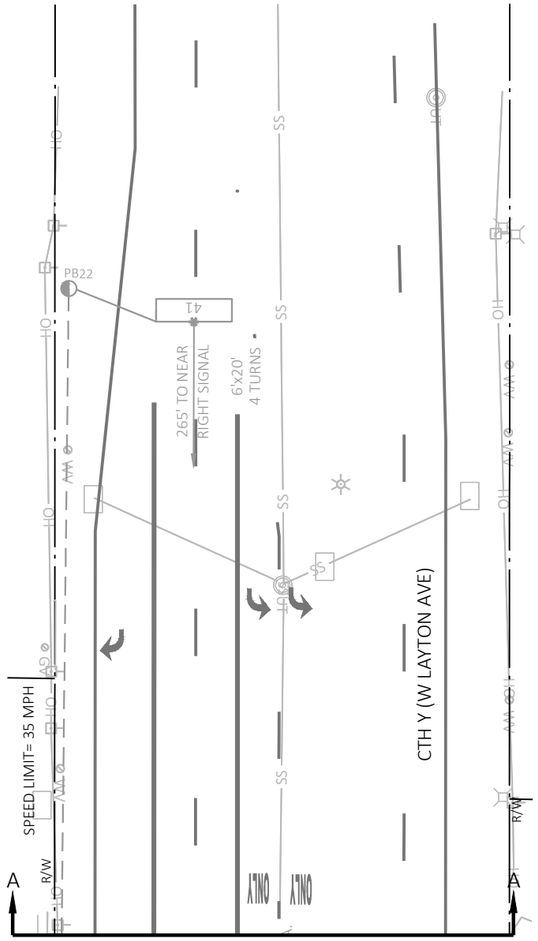
APPROVED
DATE 12/12/84 — H. O. PRICE, STATE TRAFFIC ENGINEER

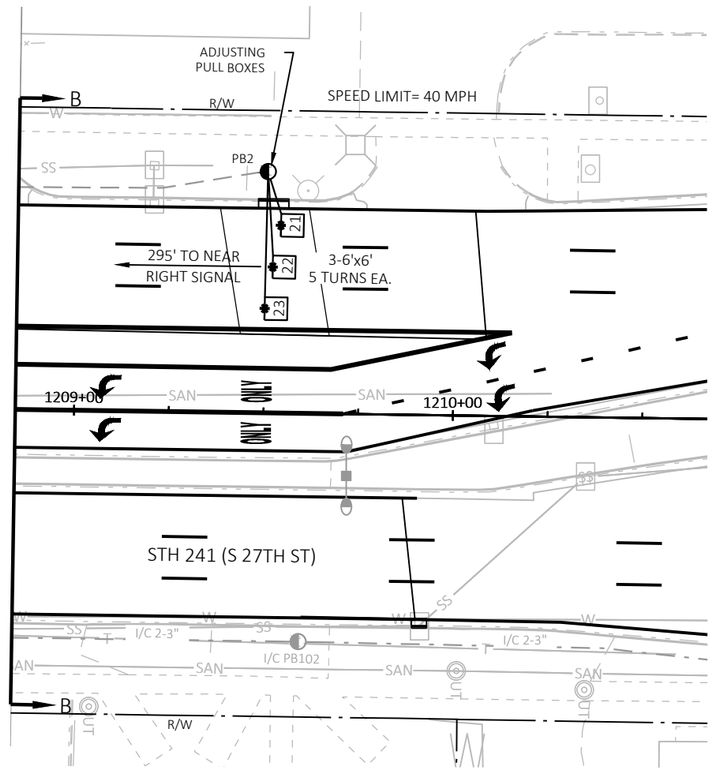
REGION CONTACT: J. MURPHY
DESIGNED BY: DESIGNED BY
REVISED BY: GRAEF

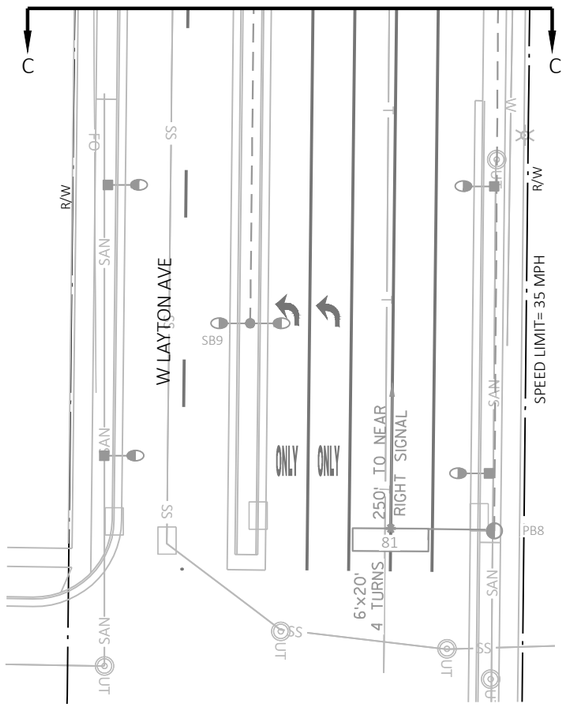
PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	TRAFFIC SIGNAL PLAN	SHEET 234	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\SIGNALS\01_LAYTON\024201_SP1.DWG
LAYOUT NAME - S40-1077_R9_pg1
PLOT DATE : 11/19/2024 10:43 AM
PLOT BY : BIEBERITZ, BEN
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42









TRAFFIC CONTROL SIGNAL
STH 241 & W LAYTON AVENUE (CTH Y)
CITY OF GREENFIELD/CITY OF MILWAUKEE
MILWAUKEE COUNTY

SIGNAL NO. S40-1077

REGION CONTACT: J. MURPHY
DESIGNED BY:
REVISED BY: GRAEF

PAGE 2 OF 3

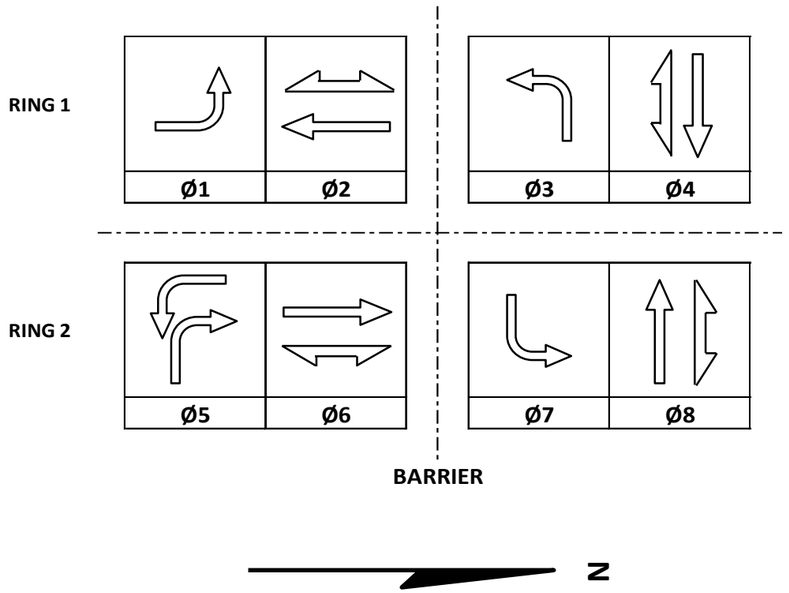
PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	TRAFFIC SIGNAL PLAN	SHEET 235	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\SIGNALS\01_LAYTON\024201_SP1.DWG
LAYOUT NAME - S40-1077_R9_pg2

PLOT DATE : 11/19/2024 10:43 AM PLOT BY : BIEBERITZ, BEN PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

	HEAD NUMBERS	FLASH
Ø1	5,6,7	R ←
Ø2	8,9,10,11	R
Ø3	19,20,21	R ←
Ø4	22,23,24,25	R
Ø5	12,13,14	R ←
Ø6	1,2,3,4	R
Ø7	26,27,28	R ←
Ø8	15,16,17,18	R
Ø2P	31,32	
Ø4P	29,30	
Ø6P	35,36	
Ø8P	33,34	
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		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-
SIGNAL SYSTEM NO:	SS- 40-0022

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	23	25	31	33	41	
CALLED PHASE	1	1	2	2	2	3	3	4	
CALL OPTION	X	X	X	X	X	X	X		
DELAY TIME									
EXTENTION OPTION	X	X	X	X	X	X	X	X	
EXTEND TIME								X	
USE ADDED INITIAL			X	X	X				
CROSS SWITCH PHASE									

DETECTOR INPUT	19	17	23	21	27	25	31	29	
PLAN LOOP DETECTOR*(S)	43	45	47	52	54	62	64	66	
CALLED PHASE	4	4	4	5	5	6	6	6	
CALL OPTION	X	X	X	X	X	X	X	X	
DELAY TIME	X								
EXTENTION OPTION	X	X	X	X	X	X	X	X	
EXTEND TIME									
USE ADDED INITIAL						X	X	X	
CROSS SWITCH PHASE									

DETECTOR INPUT	35	33	39	37	43	41	47	45	DETECTOR INPUT
PLAN LOOP DETECTOR*(S)	72	74	82	84	86				PLAN LOOP DETECTOR*(S)
CALLED PHASE	7	7	8	8	8				CALLED PHASE
CALL OPTION	X	X	X	X	X				CALL OPTION
DELAY TIME			X						DELAY TIME
EXTENTION OPTION	X	X	X	X	X				EXTENTION OPTION
EXTEND TIME									EXTEND TIME
USE ADDED INITIAL									USE ADDED INITIAL
CROSS SWITCH PHASE									CROSS SWITCH PHASE

DETECTOR INPUT	4	2	8	6	12	10	16	14	
PLAN LOOP DETECTOR*(S)	12	14	22	24	26	32	34	42	
CALLED PHASE	1	1	2	2	2	3	3	4	
CALL OPTION	X	X	X	X	X	X	X	X	
DELAY TIME								X	
EXTENTION OPTION	X	X	X	X	X	X	X	X	
EXTEND TIME									
USE ADDED INITIAL			X	X	X				
CROSS SWITCH PHASE									

DETECTOR INPUT	20	18	24	22	28	26	32	30	
PLAN LOOP DETECTOR*(S)	44	46	51	53	61	63	65	71	
CALLED PHASE	4	4	5	5	6	6	6	7	
CALL OPTION	X	X	X	X	X	X	X	X	
DELAY TIME									
EXTENTION OPTION	X	X	X	X	X	X	X	X	
EXTEND TIME									
USE ADDED INITIAL					X	X	X		
CROSS SWITCH PHASE									

DETECTOR INPUT	36	34	40	38	44	42	48	46	DETECTOR INPUT
PLAN LOOP DETECTOR*(S)	73	81	83	85	87				PLAN LOOP DETECTOR*(S)
CALLED PHASE	7	8	8	8	8				CALLED PHASE
CALL OPTION	X		X	X	X				CALL OPTION
DELAY TIME			X						DELAY TIME
EXTENTION OPTION	X	X	X	X	X				EXTENTION OPTION
EXTEND TIME		X							EXTEND TIME
USE ADDED INITIAL									USE ADDED INITIAL
CROSS SWITCH PHASE									CROSS SWITCH PHASE

STH 241 & W LAYTON AVENUE (CTH Y)
CITIES OF GREENFIELD/MILWAUKEE
MILWAUKEE COUNTY

SIGNAL NO: S40-1077 CABINET TYPE: TS2
CONTROLLER TYPE: ECONOLITE
DATE: 11/2024 PAGE NO. 3 OF 3

PROJECT ID:	2265-18-70
INTERSECTION:	STH 241 & W LAYTON AVE (CTH Y)

SIGNAL WIRE COLOR CODING	BLK-BLACK	RED-RED	GRN-GREEN
	WHT-WHITE	BLU-BLUE	ORG-ORANGE

			SIGNAL INDICATION WIRE COLOR									PED BUTTON
CB1 TO	AWG14 # OF CONDUCTORS	HEAD NO.	RED	YELLOW	GREEN	<RED>	<YELLOW>	<GREEN>	FLASHING <YELLOW>	D/WALK	WALK	
SB1	12	5				RED/BLK	ORG/BLK	GRN/BLK				
		8	RED	ORG	GRN							
SB2	12	6				RED	ORG	GRN				
		7				RED	ORG	GRN				
SB3	7	B										WHT/BLK
SB5	12	2	RED	ORG	GRN							
		3	RED	ORG	GRN							
		4	RED	ORG	GRN							
SB6	12	35								BLK	BLU	
		B										WHT/BLK
SB7	12	15	RED/BLK	ORG/BLK	GRN/BLK		BLK/WHT	BLU/BLK				
		34								BLK	BLU	
		B										WHT/BLK
SB8	12	19				RED/BLK	ORG/BLK	GRN/BLK				
SB10	12	23	RED	ORG	GRN							
		24	RED	ORG	GRN							
		27				RED/BLK	ORG/BLK	GRN/BLK				
		28				RED/BLK	ORG/BLK	GRN/BLK				
SB11	12	25	RED	ORG	GRN							
		29								BLK	BLU	
		B										WHT/BLK
SB12	12	1	RED	ORG	GRN							
		12				RED/BLK	ORG/BLK	GRN/BLK				
		36								BLK	BLU	
		B										WHT/BLK
SB13	12	13				RED	ORG	GRN				
		14				RED	ORG	GRN				
SB14	7	B										WHT/BLK
SB15	12	9	RED	ORG	GRN							
		10	RED	ORG	GRN							
		11	RED	ORG	GRN							
SB16	12	31								BLK	BLU	
		B										WHT/BLK
SB17	12	22	RED	ORG	GRN							
		30								BLK	BLU	
		B										WHT/BLK
SB18	12	26				RED	ORG	GRN				
SB19	12	16	RED	ORG	GRN							
		17	RED	ORG	GRN							
		18	RED	ORG	GRN		BLK/WHT	BLU/BLK				
		20				RED/BLK	ORG/BLK	GRN/BLK				
		21				RED/BLK	ORG/BLK	GRN/BLK				
SB20	12	32								BLK	BLU	
		B										WHT/BLK
SB21	12	33								BLK	BLU	
		B										WHT/BLK

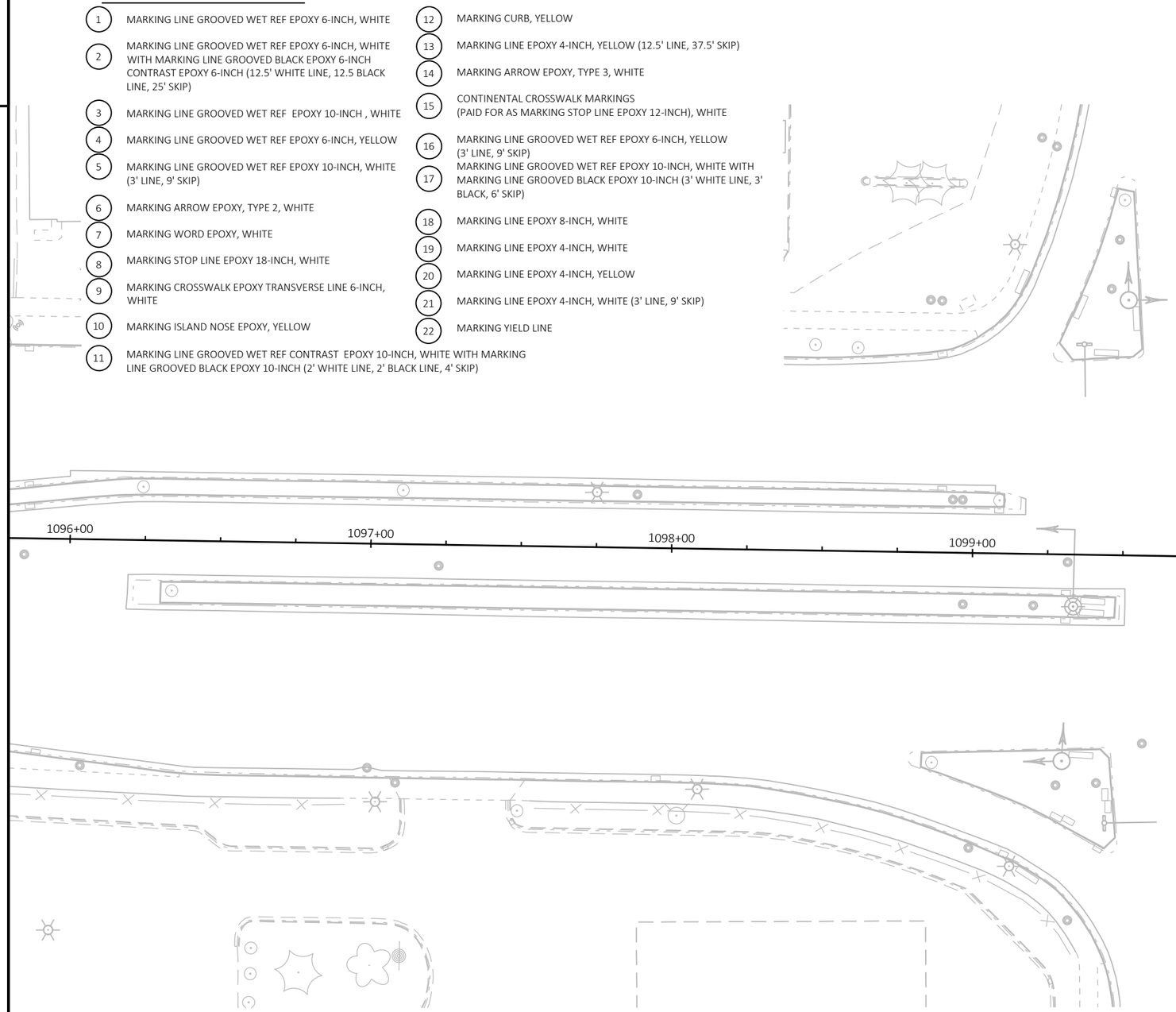
EQUIPMENT GROUNDING CONDUCTOR 10 AWG GRN XLP	
FROM	TO
CB1	SB1
SB1	SB2
SB2	SB3
SB3	SB4
SB4	SB5
SB5	SB6
SB6	SB7
SB7	SB8
SB8	SB10
SB10	SB11
SB11	SB12
SB12	SB13
SB13	SB14
SB14	SB15
SB15	SB16
SB16	SB17
SB17	SB18
SB18	SB19
SB19	SB20
SB20	SB21
SB21	CB1

LIGHTING UF 10 AWG W/ GROUND	
FROM	TO
CB1	SB2
SB2	SB4
SB2	SB5
SB5	SB7
SB7	SB9
SB7	SB10
SB10	SB12
CB1	SB19
SB19	SB18
SB19	SB15
SB15	SB13

PULL BOX BONDING JUMPER 10 AWG GRN XLP	
FROM	TO
PB1	SB1
PB3	SB2
PB4	SB2
PB5	SB4
PB6	SB5
PB7	SB7
PB9	SB8
PB11	SB10
PB12	SB10
PB13	SB12
PB14	SB12
PB16	SB13
PB17	SB13
PB18	SB15
PB19	SB15
PB20	SB17
PB21	SB17
PB23	SB18
PB24	SB19

PAVEMENT MARKING LEGEND

1. MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE
2. MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE WITH MARKING LINE GROOVED BLACK EPOXY 6-INCH CONTRAST EPOXY 6-INCH (12.5' WHITE LINE, 12.5 BLACK LINE, 25' SKIP)
3. MARKING LINE GROOVED WET REF EPOXY 10-INCH , WHITE
4. MARKING LINE GROOVED WET REF EPOXY 6-INCH, YELLOW
5. MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE (3' LINE, 9' SKIP)
6. MARKING ARROW EPOXY, TYPE 2, WHITE
7. MARKING WORD EPOXY, WHITE
8. MARKING STOP LINE EPOXY 18-INCH, WHITE
9. MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH, WHITE
10. MARKING ISLAND NOSE EPOXY, YELLOW
11. MARKING LINE GROOVED WET REF CONTRAST EPOXY 10-INCH, WHITE WITH MARKING LINE GROOVED BLACK EPOXY 10-INCH (2' WHITE LINE, 2' BLACK LINE, 4' SKIP)
12. MARKING CURB, YELLOW
13. MARKING LINE EPOXY 4-INCH, YELLOW (12.5' LINE, 37.5' SKIP)
14. MARKING ARROW EPOXY, TYPE 3, WHITE
15. CONTINENTAL CROSSWALK MARKINGS (PAID FOR AS MARKING STOP LINE EPOXY 12-INCH), WHITE
16. MARKING LINE GROOVED WET REF EPOXY 6-INCH, YELLOW (3' LINE, 9' SKIP)
17. MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE WITH MARKING LINE GROOVED BLACK EPOXY 10-INCH (3' WHITE LINE, 3' BLACK, 6' SKIP)
18. MARKING LINE EPOXY 8-INCH, WHITE
19. MARKING LINE EPOXY 4-INCH, WHITE
20. MARKING LINE EPOXY 4-INCH, YELLOW
21. MARKING LINE EPOXY 4-INCH, WHITE (3' LINE, 9' SKIP)
22. MARKING YIELD LINE



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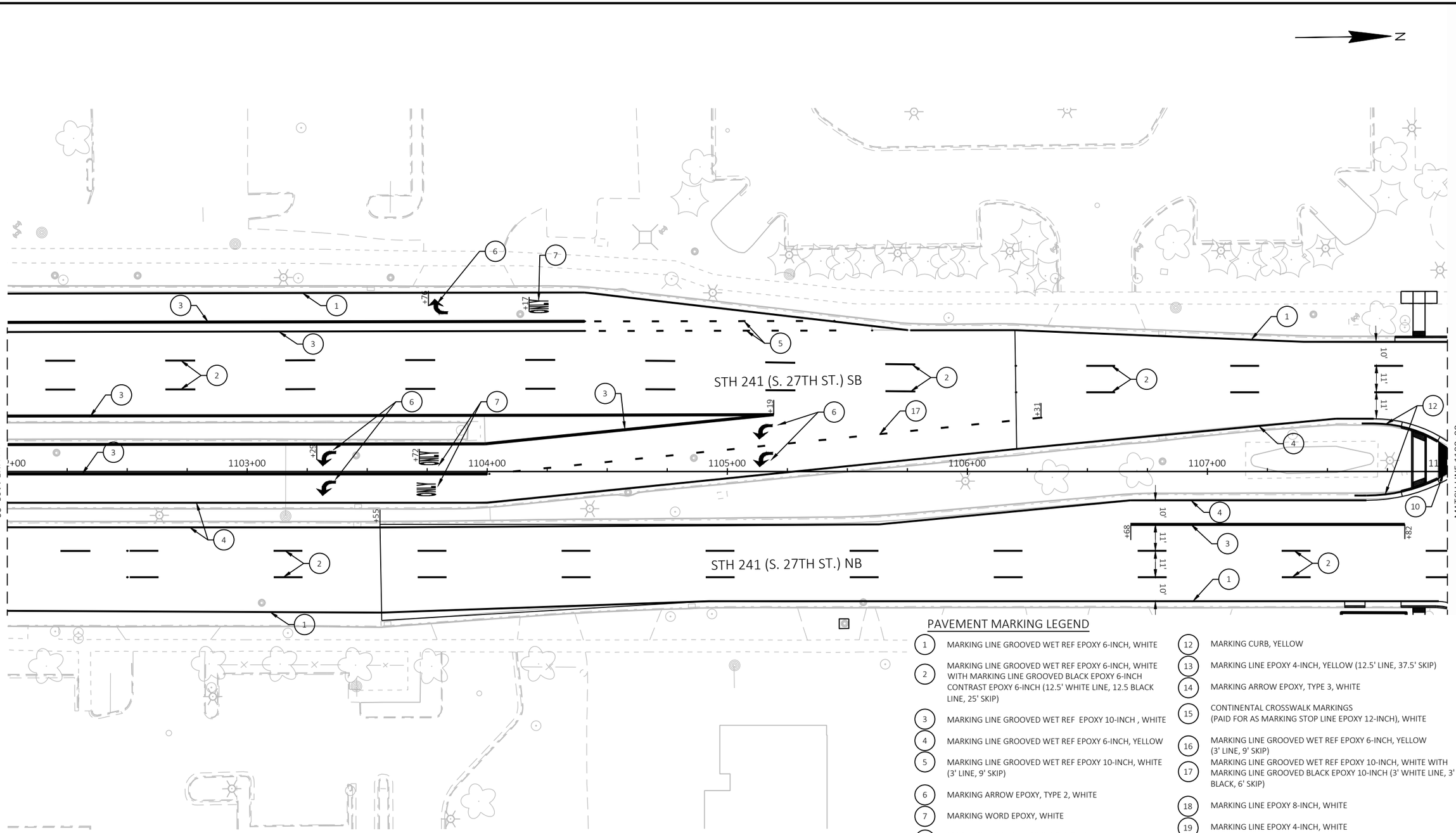

PAVEMENT MARKING LEGEND

1. MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE
2. MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE WITH MARKING LINE GROOVED BLACK EPOXY 6-INCH CONTRAST EPOXY 6-INCH (12.5' WHITE LINE, 12.5 BLACK LINE, 25' SKIP)
3. MARKING LINE GROOVED WET REF EPOXY 10-INCH , WHITE
4. MARKING LINE GROOVED WET REF EPOXY 6-INCH, YELLOW
5. MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE (3' LINE, 9' SKIP)
6. MARKING ARROW EPOXY, TYPE 2, WHITE
7. MARKING WORD EPOXY, WHITE
8. MARKING STOP LINE EPOXY 18-INCH, WHITE
9. MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH, WHITE
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11. MARKING LINE GROOVED WET REF CONTRAST EPOXY 10-INCH, WHITE WITH MARKING LINE GROOVED BLACK EPOXY 10-INCH (2' WHITE LINE, 2' BLACK LINE, 4' SKIP)
12. MARKING CURB, YELLOW
13. MARKING LINE EPOXY 4-INCH, YELLOW (12.5' LINE, 37.5' SKIP)
14. MARKING ARROW EPOXY, TYPE 3, WHITE
15. CONTINENTAL CROSSWALK MARKINGS (PAID FOR AS MARKING STOP LINE EPOXY 12-INCH), WHITE
16. MARKING LINE GROOVED WET REF EPOXY 6-INCH, YELLOW (3' LINE, 9' SKIP)
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18. MARKING LINE EPOXY 8-INCH, WHITE
19. MARKING LINE EPOXY 4-INCH, WHITE
20. MARKING LINE EPOXY 4-INCH, YELLOW
21. MARKING LINE EPOXY 4-INCH, WHITE (3' LINE, 9' SKIP)
22. MARKING YIELD LINE

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	PAVEMENT MARKING	SHEET 239	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\024501_PM.DWG
LAYOUT NAME - 021201_pm
PLOT DATE : 11/20/2024 3:15 PM
PLOT BY : STRASSER, JEFFREY
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

PAVEMENT MARKING LEGEND

1. MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE
2. MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE WITH MARKING LINE GROOVED BLACK EPOXY 6-INCH CONTRAST EPOXY 6-INCH (12.5' WHITE LINE, 12.5 BLACK LINE, 25' SKIP)
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5. MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE (3' LINE, 9' SKIP)
6. MARKING ARROW EPOXY, TYPE 2, WHITE
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13. MARKING LINE EPOXY 4-INCH, YELLOW (12.5' LINE, 37.5' SKIP)
14. MARKING ARROW EPOXY, TYPE 3, WHITE
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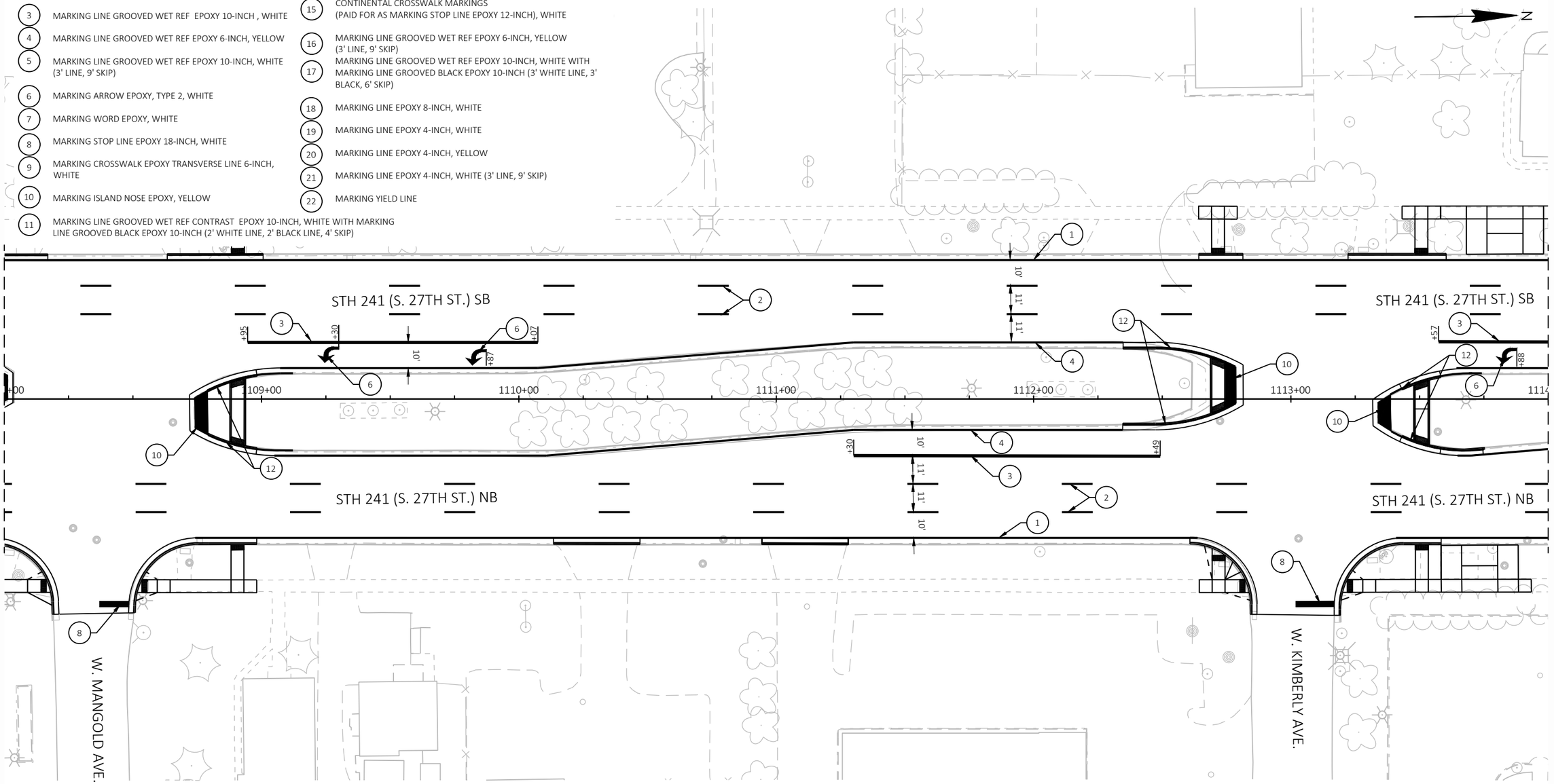
18. MARKING LINE EPOXY 8-INCH, WHITE
19. MARKING LINE EPOXY 4-INCH, WHITE
20. MARKING LINE EPOXY 4-INCH, YELLOW
21. MARKING LINE EPOXY 4-INCH, WHITE (3' LINE, 9' SKIP)
22. MARKING YIELD LINE

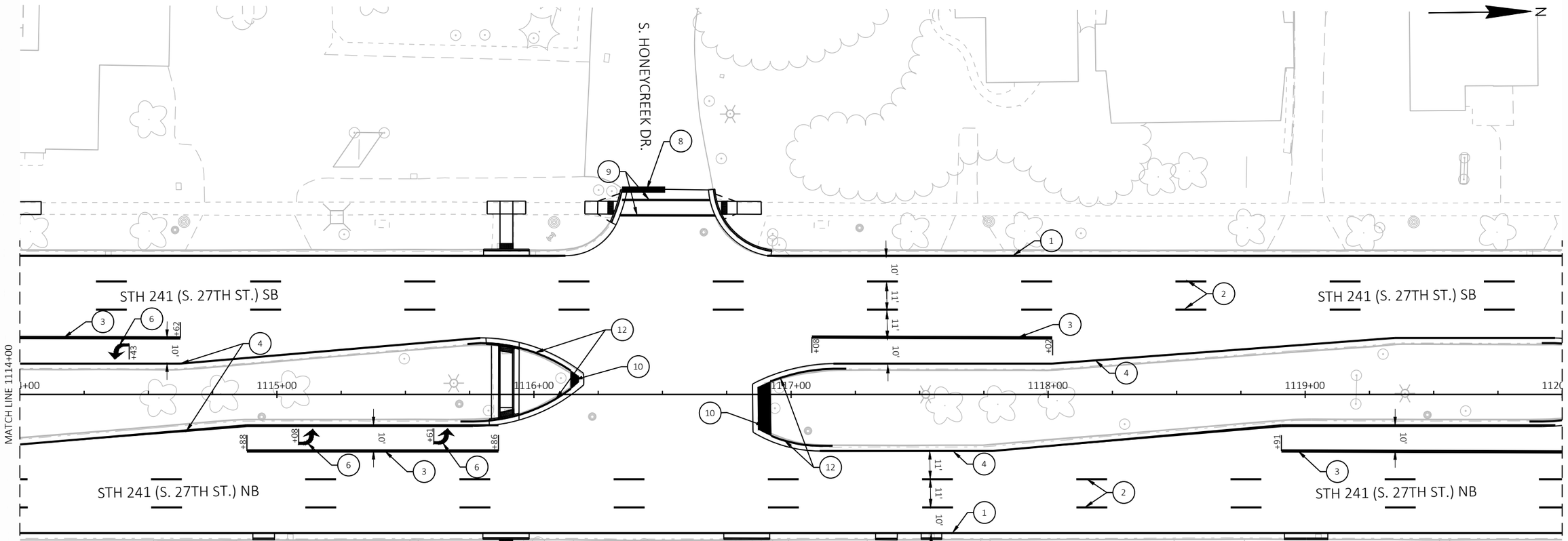


PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	PAVEMENT MARKING	SHEET 240	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\024501_PM.DWG
LAYOUT NAME - 021202_pd

PLOT DATE : 11/20/2024 3:16 PM PLOT BY : STRASSER, JEFFREY PLOT NAME : PLOT SCALE : 1 IN:40 FT

2



PAVEMENT MARKING LEGEND

1. MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE
2. MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE WITH MARKING LINE GROOVED BLACK EPOXY 6-INCH CONTRAST EPOXY 6-INCH (12.5' WHITE LINE, 12.5 BLACK LINE, 25' SKIP)
3. MARKING LINE GROOVED WET REF EPOXY 10-INCH , WHITE
4. MARKING LINE GROOVED WET REF EPOXY 6-INCH, YELLOW
5. MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE (3' LINE, 9' SKIP)
6. MARKING ARROW EPOXY, TYPE 2, WHITE
7. MARKING WORD EPOXY, WHITE
8. MARKING STOP LINE EPOXY 18-INCH, WHITE
9. MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH, WHITE
10. MARKING ISLAND NOSE EPOXY, YELLOW
11. MARKING LINE GROOVED WET REF CONTRAST EPOXY 10-INCH, WHITE WITH MARKING LINE GROOVED BLACK EPOXY 10-INCH (2' WHITE LINE, 2' BLACK LINE, 4' SKIP)
12. MARKING CURB, YELLOW
13. MARKING LINE EPOXY 4-INCH, YELLOW (12.5' LINE, 37.5' SKIP)
14. MARKING ARROW EPOXY, TYPE 3, WHITE
15. CONTINENTAL CROSSWALK MARKINGS (PAID FOR AS MARKING STOP LINE EPOXY 12-INCH), WHITE
16. MARKING LINE GROOVED WET REF EPOXY 6-INCH, YELLOW (3' LINE, 9' SKIP)
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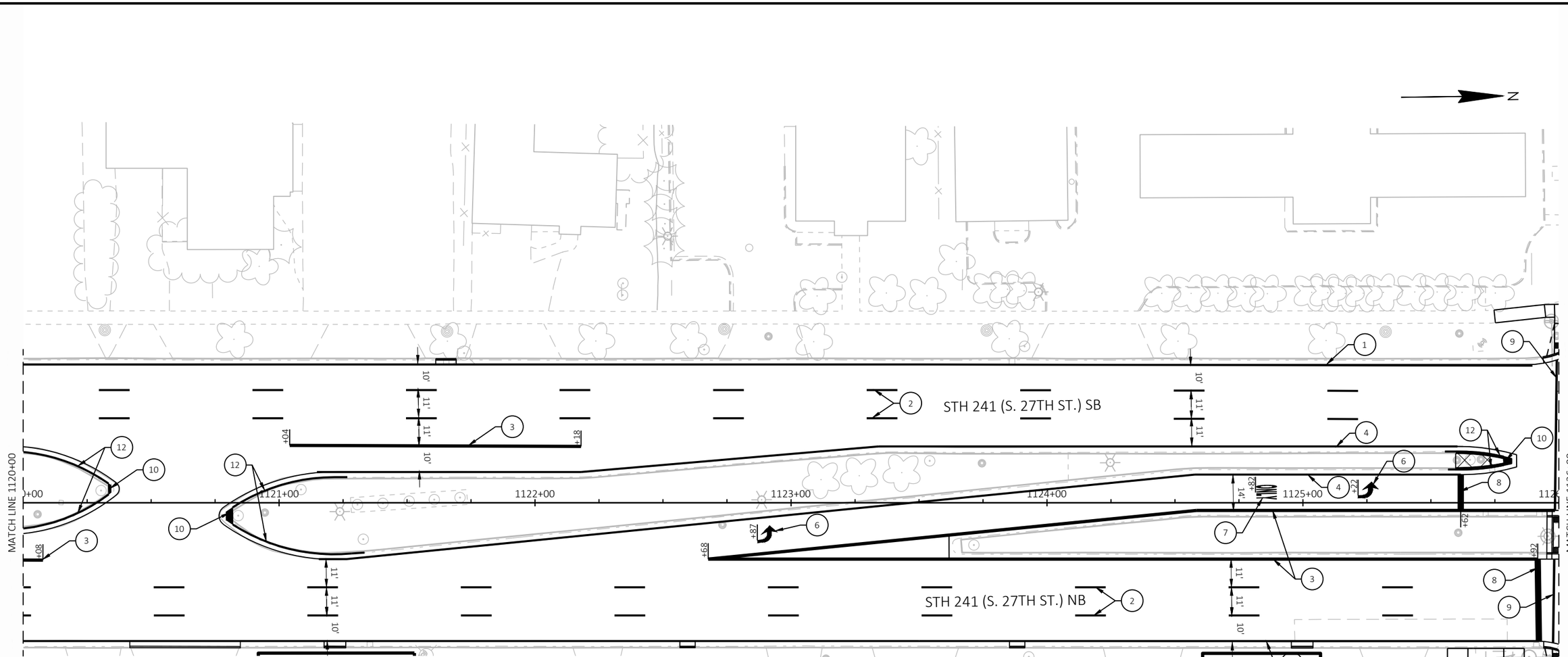
18. MARKING LINE EPOXY 8-INCH, WHITE
19. MARKING LINE EPOXY 4-INCH, WHITE
20. MARKING LINE EPOXY 4-INCH, YELLOW
21. MARKING LINE EPOXY 4-INCH, WHITE (3' LINE, 9' SKIP)
22. MARKING YIELD LINE

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	PAVEMENT MARKING	SHEET 241	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\024501_PM.DWG
LAYOUT NAME - 021203_pd
PLOT DATE : 11/20/2024 3:16 PM
PLOT BY : STRASSER, JEFFREY
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2



PAVEMENT MARKING LEGEND

1. MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE
2. MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE WITH MARKING LINE GROOVED BLACK EPOXY 6-INCH CONTRAST EPOXY 6-INCH (12.5' WHITE LINE, 12.5 BLACK LINE, 25' SKIP)
3. MARKING LINE GROOVED WET REF EPOXY 10-INCH , WHITE
4. MARKING LINE GROOVED WET REF EPOXY 6-INCH, YELLOW
5. MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE (3' LINE, 9' SKIP)
6. MARKING ARROW EPOXY, TYPE 2, WHITE
7. MARKING WORD EPOXY, WHITE
8. MARKING STOP LINE EPOXY 18-INCH, WHITE
9. MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH, WHITE
10. MARKING ISLAND NOSE EPOXY, YELLOW
11. MARKING LINE GROOVED WET REF CONTRAST EPOXY 10-INCH, WHITE WITH MARKING LINE GROOVED BLACK EPOXY 10-INCH (2' WHITE LINE, 2' BLACK LINE, 4' SKIP)
12. MARKING CURB, YELLOW
13. MARKING LINE EPOXY 4-INCH, YELLOW (12.5' LINE, 37.5' SKIP)
14. MARKING ARROW EPOXY, TYPE 3, WHITE
15. CONTINENTAL CROSSWALK MARKINGS (PAID FOR AS MARKING STOP LINE EPOXY 12-INCH), WHITE
16. MARKING LINE GROOVED WET REF EPOXY 6-INCH, YELLOW (3' LINE, 9' SKIP)
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18. MARKING LINE EPOXY 8-INCH, WHITE
19. MARKING LINE EPOXY 4-INCH, WHITE
20. MARKING LINE EPOXY 4-INCH, YELLOW
21. MARKING LINE EPOXY 4-INCH, WHITE (3' LINE, 9' SKIP)
22. MARKING YIELD LINE

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	PAVEMENT MARKING	SHEET 242	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\024501_PM.DWG
LAYOUT NAME - 021204_pm
PLOT DATE : 11/20/2024 3:16 PM
PLOT BY : STRASSER, JEFFREY
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

PAVEMENT MARKING LEGEND

1. MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE
2. MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE WITH MARKING LINE GROOVED BLACK EPOXY 6-INCH CONTRAST EPOXY 6-INCH (12.5' WHITE LINE, 12.5 BLACK LINE, 25' SKIP)
3. MARKING LINE GROOVED WET REF EPOXY 10-INCH , WHITE
4. MARKING LINE GROOVED WET REF EPOXY 6-INCH, YELLOW
5. MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE (3' LINE, 9' SKIP)
6. MARKING ARROW EPOXY, TYPE 2, WHITE
7. MARKING WORD EPOXY, WHITE
8. MARKING STOP LINE EPOXY 18-INCH, WHITE
9. MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH, WHITE
10. MARKING ISLAND NOSE EPOXY, YELLOW
11. MARKING LINE GROOVED WET REF CONTRAST EPOXY 10-INCH, WHITE WITH MARKING LINE GROOVED BLACK EPOXY 10-INCH (2' WHITE LINE, 2' BLACK LINE, 4' SKIP)
12. MARKING CURB, YELLOW
13. MARKING LINE EPOXY 4-INCH, YELLOW (12.5' LINE, 37.5' SKIP)
14. MARKING ARROW EPOXY, TYPE 3, WHITE
15. CONTINENTAL CROSSWALK MARKINGS (PAID FOR AS MARKING STOP LINE EPOXY 12-INCH), WHITE
16. MARKING LINE GROOVED WET REF EPOXY 6-INCH, YELLOW (3' LINE, 9' SKIP)
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18. MARKING LINE EPOXY 8-INCH, WHITE
19. MARKING LINE EPOXY 4-INCH, WHITE
20. MARKING LINE EPOXY 4-INCH, YELLOW
21. MARKING LINE EPOXY 4-INCH, WHITE (3' LINE, 9' SKIP)
22. MARKING YIELD LINE

N

W. RAMSEY AVE.

DOUBLE

PI: 1126+40.88

MATCH LINE 1126+00

STH 241 (S. 27TH ST.) SB

STH 241 (S. 27TH ST.) NB

1127+00

1128+00

1129+00

1130+00

1131+00

MATCH LINE 1132+00

W. GOLDCREST AVE.

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	PAVEMENT MARKING	SHEET 243	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\024501_PM.DWG
LAYOUT NAME - 021205_pd

PLOT DATE : 11/20/2024 3:16 PM PLOT BY : STRASSER, JEFFREY PLOT NAME : PLOT SCALE : 1 IN:40 FT

PAVEMENT MARKING LEGEND

1. MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE
2. MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE WITH MARKING LINE GROOVED BLACK EPOXY 6-INCH CONTRAST EPOXY 6-INCH (12.5' WHITE LINE, 12.5 BLACK LINE, 25' SKIP)
3. MARKING LINE GROOVED WET REF EPOXY 10-INCH , WHITE
4. MARKING LINE GROOVED WET REF EPOXY 6-INCH, YELLOW
5. MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE (3' LINE, 9' SKIP)
6. MARKING ARROW EPOXY, TYPE 2, WHITE
7. MARKING WORD EPOXY, WHITE
8. MARKING STOP LINE EPOXY 18-INCH, WHITE
9. MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH, WHITE
10. MARKING ISLAND NOSE EPOXY, YELLOW
11. MARKING LINE GROOVED WET REF CONTRAST EPOXY 10-INCH, WHITE WITH MARKING LINE GROOVED BLACK EPOXY 10-INCH (2' WHITE LINE, 2' BLACK LINE, 4' SKIP)
12. MARKING CURB, YELLOW
13. MARKING LINE EPOXY 4-INCH, YELLOW (12.5' LINE, 37.5' SKIP)
14. MARKING ARROW EPOXY, TYPE 3, WHITE
15. CONTINENTAL CROSSWALK MARKINGS (PAID FOR AS MARKING STOP LINE EPOXY 12-INCH), WHITE
16. MARKING LINE GROOVED WET REF EPOXY 6-INCH, YELLOW (3' LINE, 9' SKIP)
17. MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE WITH MARKING LINE GROOVED BLACK EPOXY 10-INCH (3' WHITE LINE, 3' BLACK, 6' SKIP)
18. MARKING LINE EPOXY 8-INCH, WHITE
19. MARKING LINE EPOXY 4-INCH, WHITE
20. MARKING LINE EPOXY 4-INCH, YELLOW
21. MARKING LINE EPOXY 4-INCH, WHITE (3' LINE, 9' SKIP)
22. MARKING YIELD LINE

STH 241 (S. 27TH ST.) SB
STH 241 (S. 27TH ST.) NB
1129+00
1128+00
1127+00
1126+00
1125+00
PI: 1126+40.88
W. RAMSEY AVE.
MARKING REMOVAL - LINE WATER BLASTING 4-INCH
DOUBLE
100'
100'
79'
100'
100'
14'
13'
11'
10'
11'
11'
10'
10'
11'
11'
N

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	PAVEMENT MARKING	SHEET 244	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\024501_PM_RAMSEY.DWG
LAYOUT NAME - 021205_pd_Ramsey
PLOT DATE : 11/20/2024 3:17 PM PLOT BY : STRASSER, JEFFREY PLOT NAME : PLOT SCALE : ######

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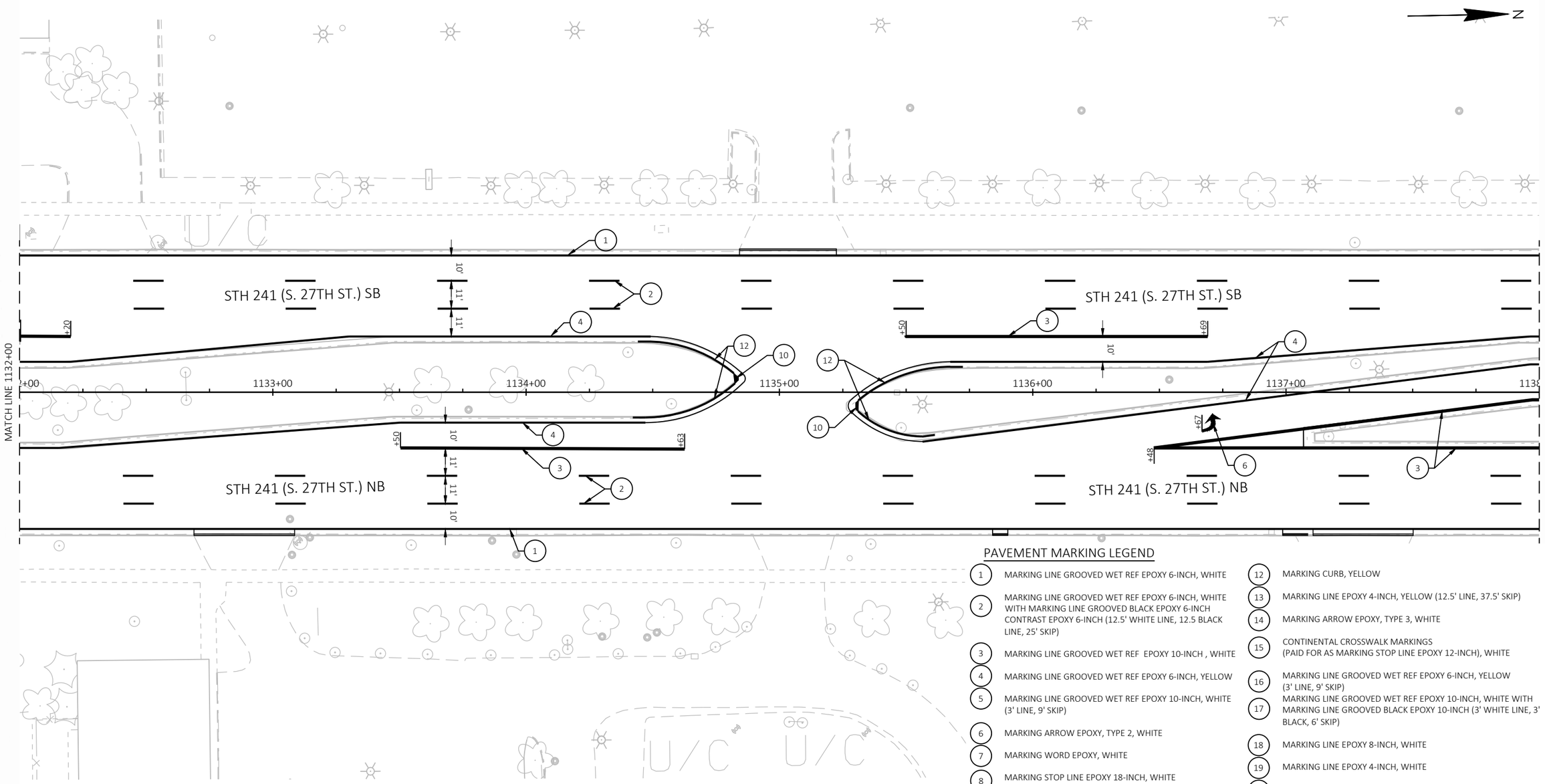

PAVEMENT MARKING LEGEND

1. MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE
2. MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE WITH MARKING LINE GROOVED BLACK EPOXY 6-INCH CONTRAST EPOXY 6-INCH (12.5' WHITE LINE, 12.5 BLACK LINE, 25' SKIP)
3. MARKING LINE GROOVED WET REF EPOXY 10-INCH , WHITE
4. MARKING LINE GROOVED WET REF EPOXY 6-INCH, YELLOW
5. MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE (3' LINE, 9' SKIP)
6. MARKING ARROW EPOXY, TYPE 2, WHITE
7. MARKING WORD EPOXY, WHITE
8. MARKING STOP LINE EPOXY 18-INCH, WHITE
9. MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH, WHITE
10. MARKING ISLAND NOSE EPOXY, YELLOW
11. MARKING LINE GROOVED WET REF CONTRAST EPOXY 10-INCH, WHITE WITH MARKING LINE GROOVED BLACK EPOXY 10-INCH (2' WHITE LINE, 2' BLACK LINE, 4' SKIP)
12. MARKING CURB, YELLOW
13. MARKING LINE EPOXY 4-INCH, YELLOW (12.5' LINE, 37.5' SKIP)
14. MARKING ARROW EPOXY, TYPE 3, WHITE
15. CONTINENTAL CROSSWALK MARKINGS (PAID FOR AS MARKING STOP LINE EPOXY 12-INCH), WHITE
16. MARKING LINE GROOVED WET REF EPOXY 6-INCH, YELLOW (3' LINE, 9' SKIP)
17. MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE WITH MARKING LINE GROOVED BLACK EPOXY 10-INCH (3' WHITE LINE, 3' BLACK, 6' SKIP)
18. MARKING LINE EPOXY 8-INCH, WHITE
19. MARKING LINE EPOXY 4-INCH, WHITE
20. MARKING LINE EPOXY 4-INCH, YELLOW
21. MARKING LINE EPOXY 4-INCH, WHITE (3' LINE, 9' SKIP)
22. MARKING YIELD LINE

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	PAVEMENT MARKING	SHEET 245	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\024501_PM.DWG
LAYOUT NAME - 021206_pd
PLOT DATE : 11/20/2024 3:17 PM
PLOT BY : STRASSER, JEFFREY
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

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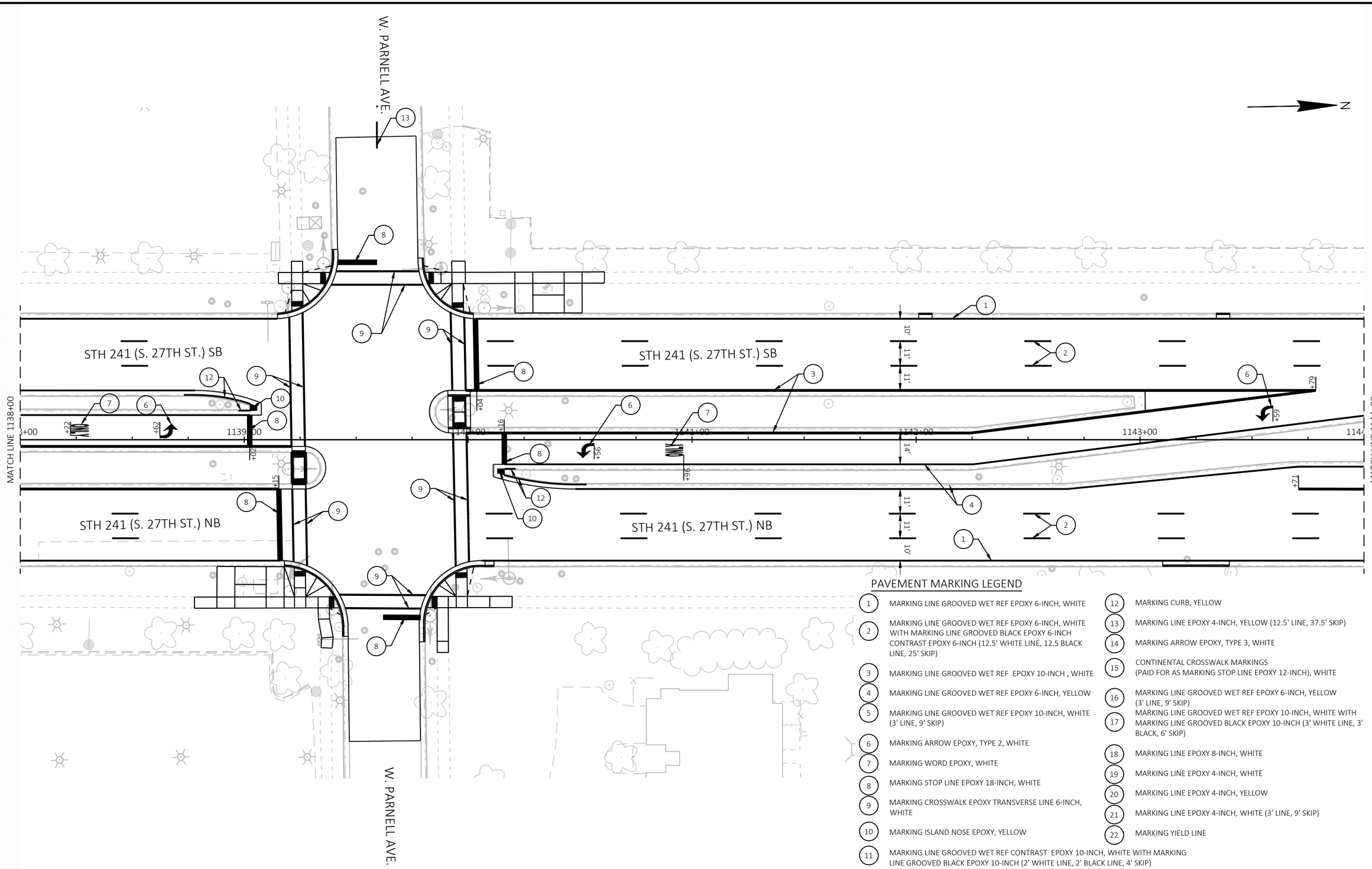

PAVEMENT MARKING LEGEND

1. MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE
2. MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE WITH MARKING LINE GROOVED BLACK EPOXY 6-INCH CONTRAST EPOXY 6-INCH (12.5' WHITE LINE, 12.5 BLACK LINE, 25' SKIP)
3. MARKING LINE GROOVED WET REF EPOXY 10-INCH , WHITE
4. MARKING LINE GROOVED WET REF EPOXY 6-INCH, YELLOW
5. MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE (3' LINE, 9' SKIP)
6. MARKING ARROW EPOXY, TYPE 2, WHITE
7. MARKING WORD EPOXY, WHITE
8. MARKING STOP LINE EPOXY 18-INCH, WHITE
9. MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH, WHITE
10. MARKING ISLAND NOSE EPOXY, YELLOW
11. MARKING LINE GROOVED WET REF CONTRAST EPOXY 10-INCH, WHITE WITH MARKING LINE GROOVED BLACK EPOXY 10-INCH (2' WHITE LINE, 2' BLACK LINE, 4' SKIP)
12. MARKING CURB, YELLOW
13. MARKING LINE EPOXY 4-INCH, YELLOW (12.5' LINE, 37.5' SKIP)
14. MARKING ARROW EPOXY, TYPE 3, WHITE
15. CONTINENTAL CROSSWALK MARKINGS (PAID FOR AS MARKING STOP LINE EPOXY 12-INCH), WHITE
16. MARKING LINE GROOVED WET REF EPOXY 6-INCH, YELLOW (3' LINE, 9' SKIP)
17. MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE WITH MARKING LINE GROOVED BLACK EPOXY 10-INCH (3' WHITE LINE, 3' BLACK, 6' SKIP)
18. MARKING LINE EPOXY 8-INCH, WHITE
19. MARKING LINE EPOXY 4-INCH, WHITE
20. MARKING LINE EPOXY 4-INCH, YELLOW
21. MARKING LINE EPOXY 4-INCH, WHITE (3' LINE, 9' SKIP)
22. MARKING YIELD LINE

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	PAVEMENT MARKING	SHEET 246	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\024501_PM.DWG
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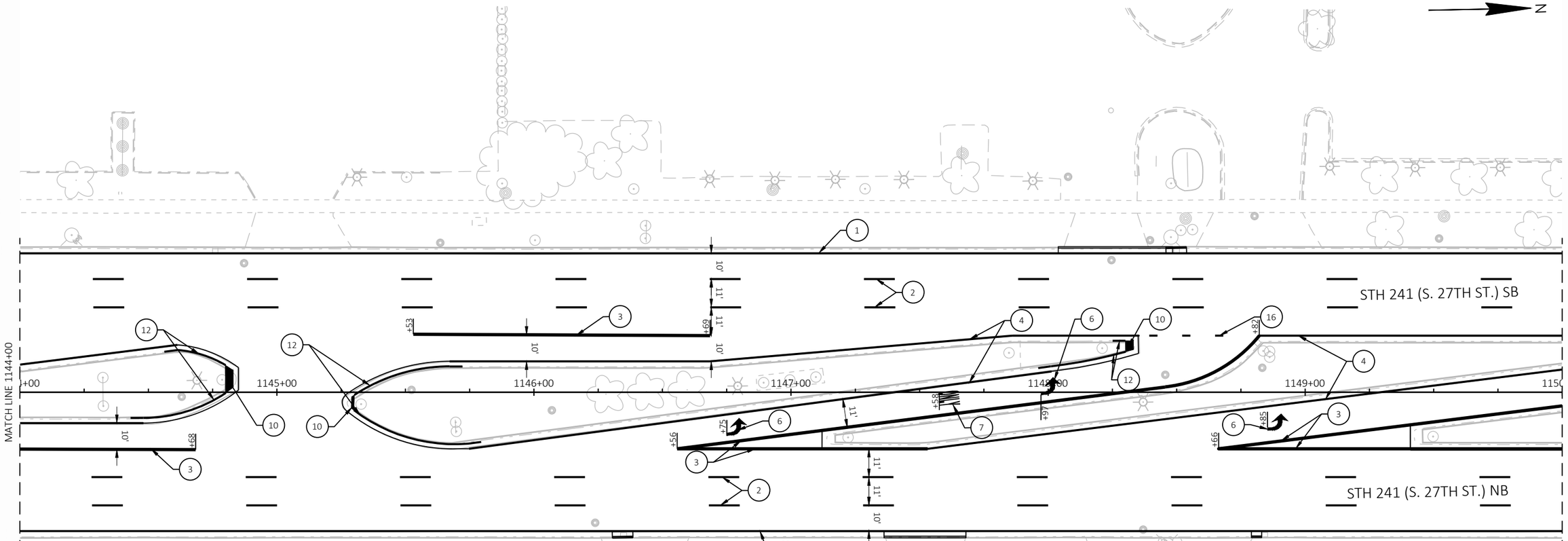
PLOT DATE : 11/20/2024 3:17 PM
PLOT BY : STRASSER, JEFFREY
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2



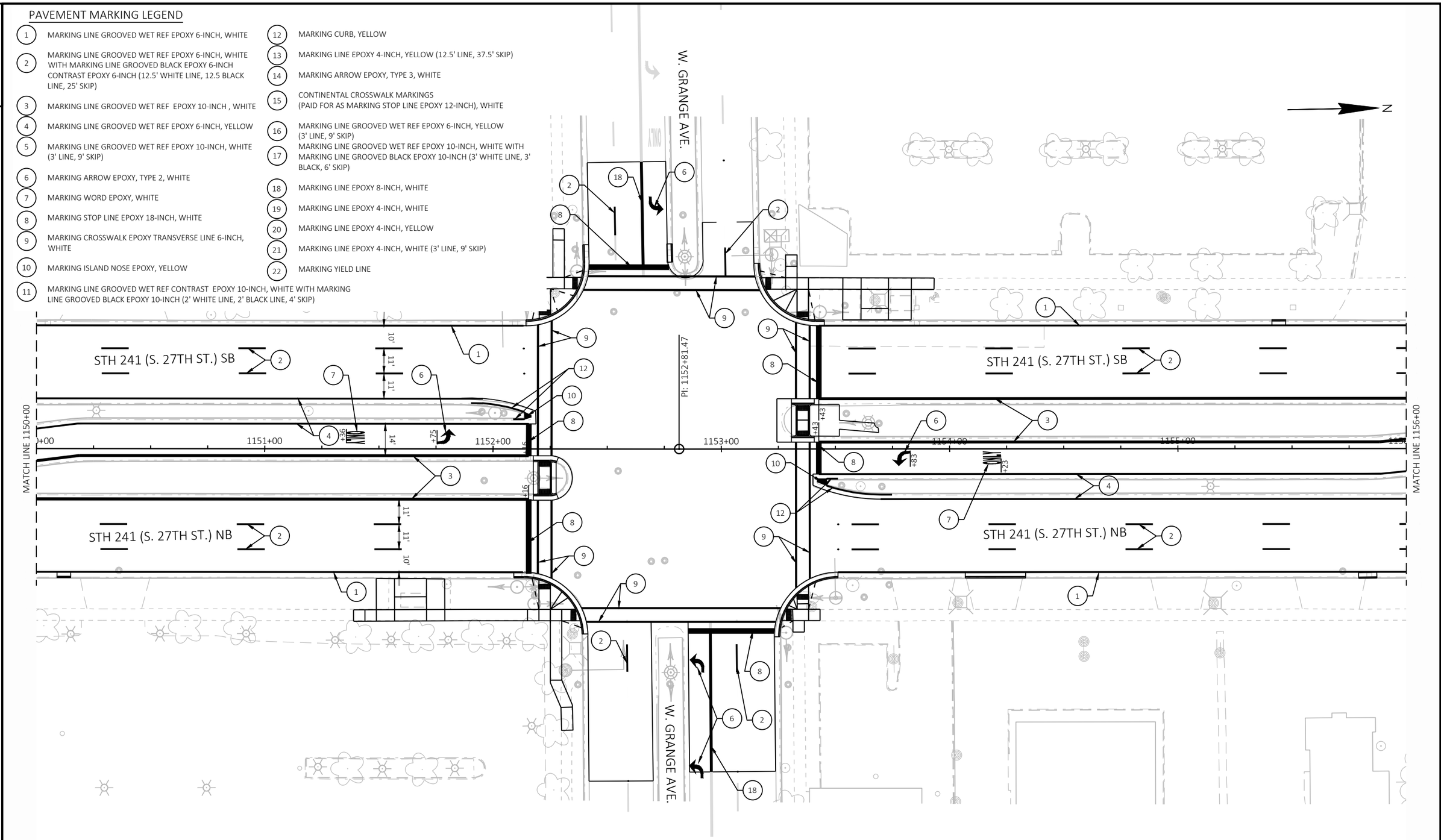
PAVEMENT MARKING LEGEND

1. MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE
2. MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE WITH MARKING LINE GROOVED BLACK EPOXY 6-INCH CONTRAST EPOXY 6-INCH (12.5' WHITE LINE, 12.5 BLACK LINE, 25' SKIP)
3. MARKING LINE GROOVED WET REF EPOXY 10-INCH , WHITE
4. MARKING LINE GROOVED WET REF EPOXY 6-INCH, YELLOW
5. MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE (3' LINE, 9' SKIP)
6. MARKING ARROW EPOXY, TYPE 2, WHITE
7. MARKING WORD EPOXY, WHITE
8. MARKING STOP LINE EPOXY 18-INCH, WHITE
9. MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH, WHITE
10. MARKING ISLAND NOSE EPOXY, YELLOW
11. MARKING LINE GROOVED WET REF CONTRAST EPOXY 10-INCH, WHITE WITH MARKING LINE GROOVED BLACK EPOXY 10-INCH (2' WHITE LINE, 2' BLACK LINE, 4' SKIP)
12. MARKING CURB, YELLOW
13. MARKING LINE EPOXY 4-INCH, YELLOW (12.5' LINE, 37.5' SKIP)
14. MARKING ARROW EPOXY, TYPE 3, WHITE
15. CONTINENTAL CROSSWALK MARKINGS (PAID FOR AS MARKING STOP LINE EPOXY 12-INCH), WHITE
16. MARKING LINE GROOVED WET REF EPOXY 6-INCH, YELLOW (3' LINE, 9' SKIP)
17. MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE WITH MARKING LINE GROOVED BLACK EPOXY 10-INCH (3' WHITE LINE, 3' BLACK, 6' SKIP)
18. MARKING LINE EPOXY 8-INCH, WHITE
19. MARKING LINE EPOXY 4-INCH, WHITE
20. MARKING LINE EPOXY 4-INCH, YELLOW
21. MARKING LINE EPOXY 4-INCH, WHITE (3' LINE, 9' SKIP)
22. MARKING YIELD LINE

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	PAVEMENT MARKING	SHEET 247	E

PAVEMENT MARKING LEGEND

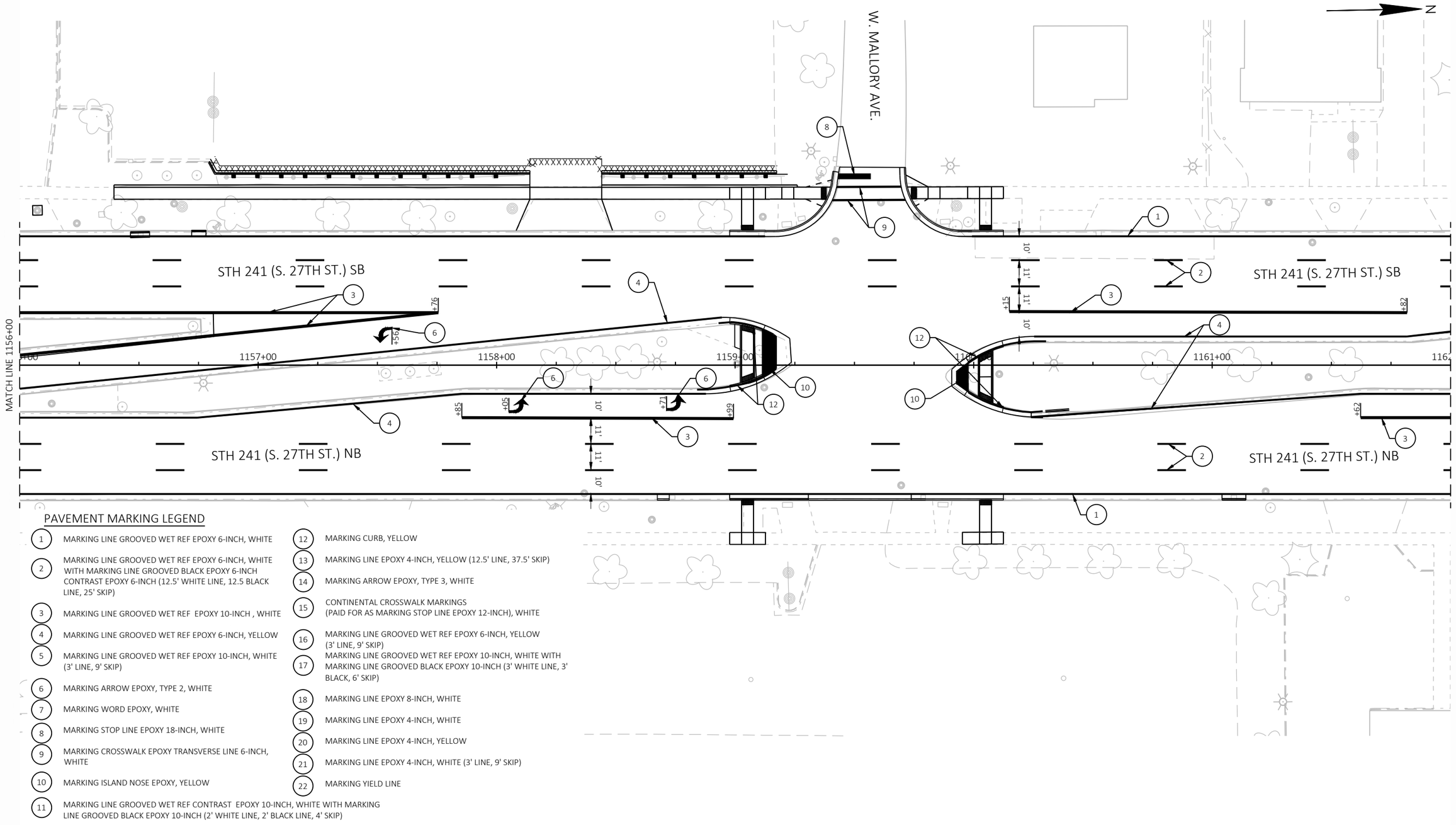
1. MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE
2. MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE WITH MARKING LINE GROOVED BLACK EPOXY 6-INCH CONTRAST EPOXY 6-INCH (12.5' WHITE LINE, 12.5 BLACK LINE, 25' SKIP)
3. MARKING LINE GROOVED WET REF EPOXY 10-INCH , WHITE
4. MARKING LINE GROOVED WET REF EPOXY 6-INCH, YELLOW
5. MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE (3' LINE, 9' SKIP)
6. MARKING ARROW EPOXY, TYPE 2, WHITE
7. MARKING WORD EPOXY, WHITE
8. MARKING STOP LINE EPOXY 18-INCH, WHITE
9. MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH, WHITE
10. MARKING ISLAND NOSE EPOXY, YELLOW
11. MARKING LINE GROOVED WET REF CONTRAST EPOXY 10-INCH, WHITE WITH MARKING LINE GROOVED BLACK EPOXY 10-INCH (2' WHITE LINE, 2' BLACK LINE, 4' SKIP)
12. MARKING CURB, YELLOW
13. MARKING LINE EPOXY 4-INCH, YELLOW (12.5' LINE, 37.5' SKIP)
14. MARKING ARROW EPOXY, TYPE 3, WHITE
15. CONTINENTAL CROSSWALK MARKINGS (PAID FOR AS MARKING STOP LINE EPOXY 12-INCH), WHITE
16. MARKING LINE GROOVED WET REF EPOXY 6-INCH, YELLOW (3' LINE, 9' SKIP)
17. MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE WITH MARKING LINE GROOVED BLACK EPOXY 10-INCH (3' WHITE LINE, 3' BLACK, 6' SKIP)
18. MARKING LINE EPOXY 8-INCH, WHITE
19. MARKING LINE EPOXY 4-INCH, WHITE
20. MARKING LINE EPOXY 4-INCH, YELLOW
21. MARKING LINE EPOXY 4-INCH, WHITE (3' LINE, 9' SKIP)
22. MARKING YIELD LINE



PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	PAVEMENT MARKING	SHEET 248	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\024501_PM.DWG
LAYOUT NAME - 021209_pd
PLOT DATE : 11/20/2024 3:18 PM
PLOT BY : STRASSER, JEFFREY
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2



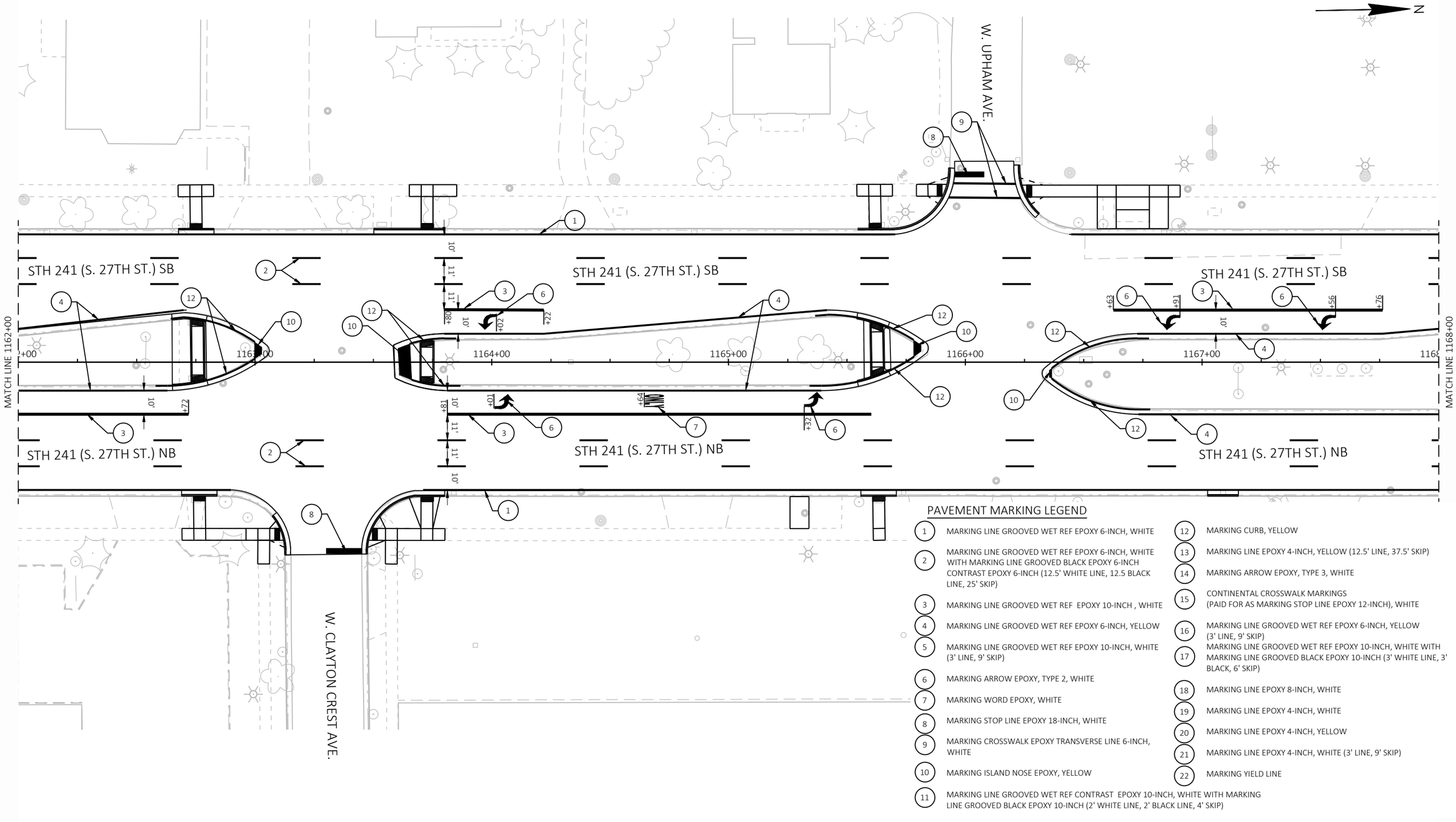
PAVEMENT MARKING LEGEND

1. MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE
2. MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE WITH MARKING LINE GROOVED BLACK EPOXY 6-INCH CONTRAST EPOXY 6-INCH (12.5' WHITE LINE, 12.5 BLACK LINE, 25' SKIP)
3. MARKING LINE GROOVED WET REF EPOXY 10-INCH , WHITE
4. MARKING LINE GROOVED WET REF EPOXY 6-INCH, YELLOW
5. MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE (3' LINE, 9' SKIP)
6. MARKING ARROW EPOXY, TYPE 2, WHITE
7. MARKING WORD EPOXY, WHITE
8. MARKING STOP LINE EPOXY 18-INCH, WHITE
9. MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH, WHITE
10. MARKING ISLAND NOSE EPOXY, YELLOW
11. MARKING LINE GROOVED WET REF CONTRAST EPOXY 10-INCH, WHITE WITH MARKING LINE GROOVED BLACK EPOXY 10-INCH (2' WHITE LINE, 2' BLACK LINE, 4' SKIP)
12. MARKING CURB, YELLOW
13. MARKING LINE EPOXY 4-INCH, YELLOW (12.5' LINE, 37.5' SKIP)
14. MARKING ARROW EPOXY, TYPE 3, WHITE
15. CONTINENTAL CROSSWALK MARKINGS (PAID FOR AS MARKING STOP LINE EPOXY 12-INCH), WHITE
16. MARKING LINE GROOVED WET REF EPOXY 6-INCH, YELLOW (3' LINE, 9' SKIP)
17. MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE WITH MARKING LINE GROOVED BLACK EPOXY 10-INCH (3' WHITE LINE, 3' BLACK, 6' SKIP)
18. MARKING LINE EPOXY 8-INCH, WHITE
19. MARKING LINE EPOXY 4-INCH, WHITE
20. MARKING LINE EPOXY 4-INCH, YELLOW
21. MARKING LINE EPOXY 4-INCH, WHITE (3' LINE, 9' SKIP)
22. MARKING YIELD LINE

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	PAVEMENT MARKING	SHEET 249	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\024501_PM.DWG
LAYOUT NAME - 021210_pd
PLOT DATE : 11/20/2024 3:18 PM
PLOT BY : STRASSER, JEFFREY
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2



PAVEMENT MARKING LEGEND

1. MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE
2. MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE WITH MARKING LINE GROOVED BLACK EPOXY 6-INCH CONTRAST EPOXY 6-INCH (12.5' WHITE LINE, 12.5 BLACK LINE, 25' SKIP)
3. MARKING LINE GROOVED WET REF EPOXY 10-INCH , WHITE
4. MARKING LINE GROOVED WET REF EPOXY 6-INCH, YELLOW
5. MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE (3' LINE, 9' SKIP)
6. MARKING ARROW EPOXY, TYPE 2, WHITE
7. MARKING WORD EPOXY, WHITE
8. MARKING STOP LINE EPOXY 18-INCH, WHITE
9. MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH, WHITE
10. MARKING ISLAND NOSE EPOXY, YELLOW
11. MARKING LINE GROOVED WET REF CONTRAST EPOXY 10-INCH, WHITE WITH MARKING LINE GROOVED BLACK EPOXY 10-INCH (2' WHITE LINE, 2' BLACK LINE, 4' SKIP)
12. MARKING CURB, YELLOW
13. MARKING LINE EPOXY 4-INCH, YELLOW (12.5' LINE, 37.5' SKIP)
14. MARKING ARROW EPOXY, TYPE 3, WHITE
15. CONTINENTAL CROSSWALK MARKINGS (PAID FOR AS MARKING STOP LINE EPOXY 12-INCH), WHITE
16. MARKING LINE GROOVED WET REF EPOXY 6-INCH, YELLOW (3' LINE, 9' SKIP)
17. MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE WITH MARKING LINE GROOVED BLACK EPOXY 10-INCH (3' WHITE LINE, 3' BLACK, 6' SKIP)
18. MARKING LINE EPOXY 8-INCH, WHITE
19. MARKING LINE EPOXY 4-INCH, WHITE
20. MARKING LINE EPOXY 4-INCH, YELLOW
21. MARKING LINE EPOXY 4-INCH, WHITE (3' LINE, 9' SKIP)
22. MARKING YIELD LINE

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	PAVEMENT MARKING	SHEET 250	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\024501_PM.DWG
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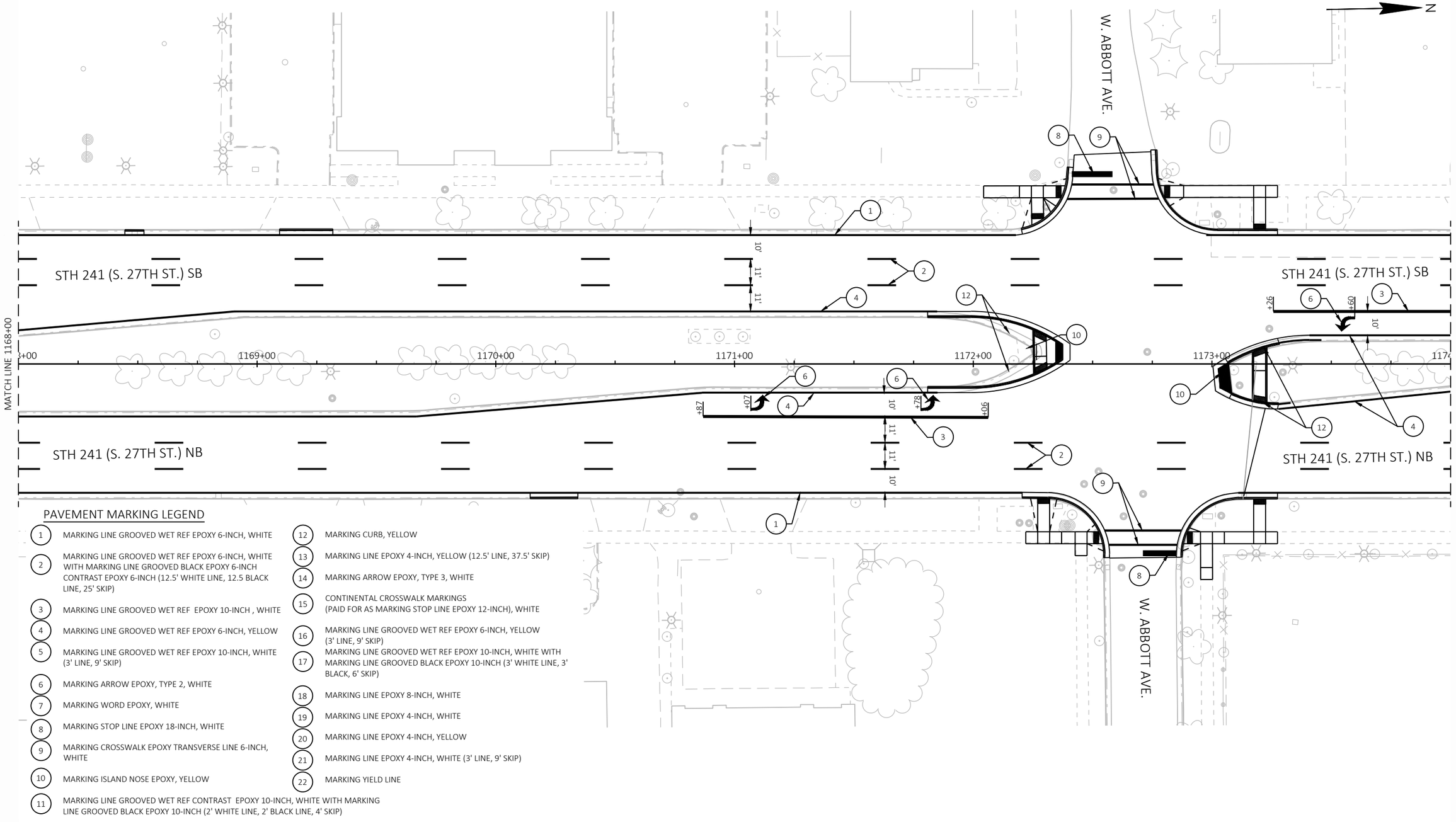
PLOT DATE : 11/20/2024 3:18 PM
PLOT BY : STRASSER, JEFFREY
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2



PAVEMENT MARKING LEGEND

1. MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE
2. MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE WITH MARKING LINE GROOVED BLACK EPOXY 6-INCH CONTRAST EPOXY 6-INCH (12.5' WHITE LINE, 12.5 BLACK LINE, 25' SKIP)
3. MARKING LINE GROOVED WET REF EPOXY 10-INCH , WHITE
4. MARKING LINE GROOVED WET REF EPOXY 6-INCH, YELLOW
5. MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE (3' LINE, 9' SKIP)
6. MARKING ARROW EPOXY, TYPE 2, WHITE
7. MARKING WORD EPOXY, WHITE
8. MARKING STOP LINE EPOXY 18-INCH, WHITE
9. MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH, WHITE
10. MARKING ISLAND NOSE EPOXY, YELLOW
11. MARKING LINE GROOVED WET REF CONTRAST EPOXY 10-INCH, WHITE WITH MARKING LINE GROOVED BLACK EPOXY 10-INCH (2' WHITE LINE, 2' BLACK LINE, 4' SKIP)
12. MARKING CURB, YELLOW
13. MARKING LINE EPOXY 4-INCH, YELLOW (12.5' LINE, 37.5' SKIP)
14. MARKING ARROW EPOXY, TYPE 3, WHITE
15. CONTINENTAL CROSSWALK MARKINGS (PAID FOR AS MARKING STOP LINE EPOXY 12-INCH), WHITE
16. MARKING LINE GROOVED WET REF EPOXY 6-INCH, YELLOW (3' LINE, 9' SKIP)
17. MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE WITH MARKING LINE GROOVED BLACK EPOXY 10-INCH (3' WHITE LINE, 3' BLACK, 6' SKIP)
18. MARKING LINE EPOXY 8-INCH, WHITE
19. MARKING LINE EPOXY 4-INCH, WHITE
20. MARKING LINE EPOXY 4-INCH, YELLOW
21. MARKING LINE EPOXY 4-INCH, WHITE (3' LINE, 9' SKIP)
22. MARKING YIELD LINE

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	PAVEMENT MARKING	SHEET 251	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\024501_PM.DWG
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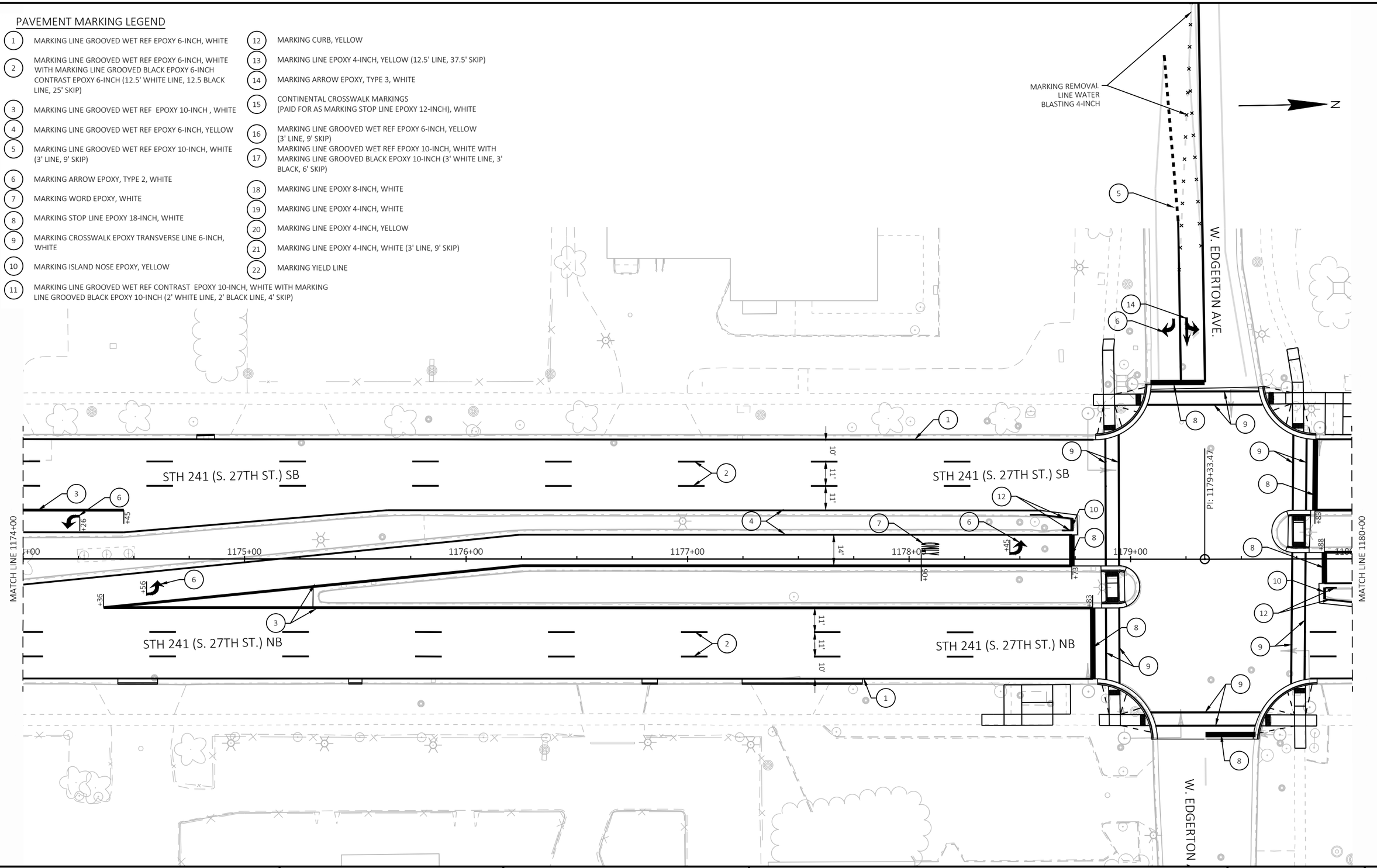
PLOT DATE : 11/20/2024 3:19 PM
PLOT BY : STRASSER, JEFFREY
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

PAVEMENT MARKING LEGEND

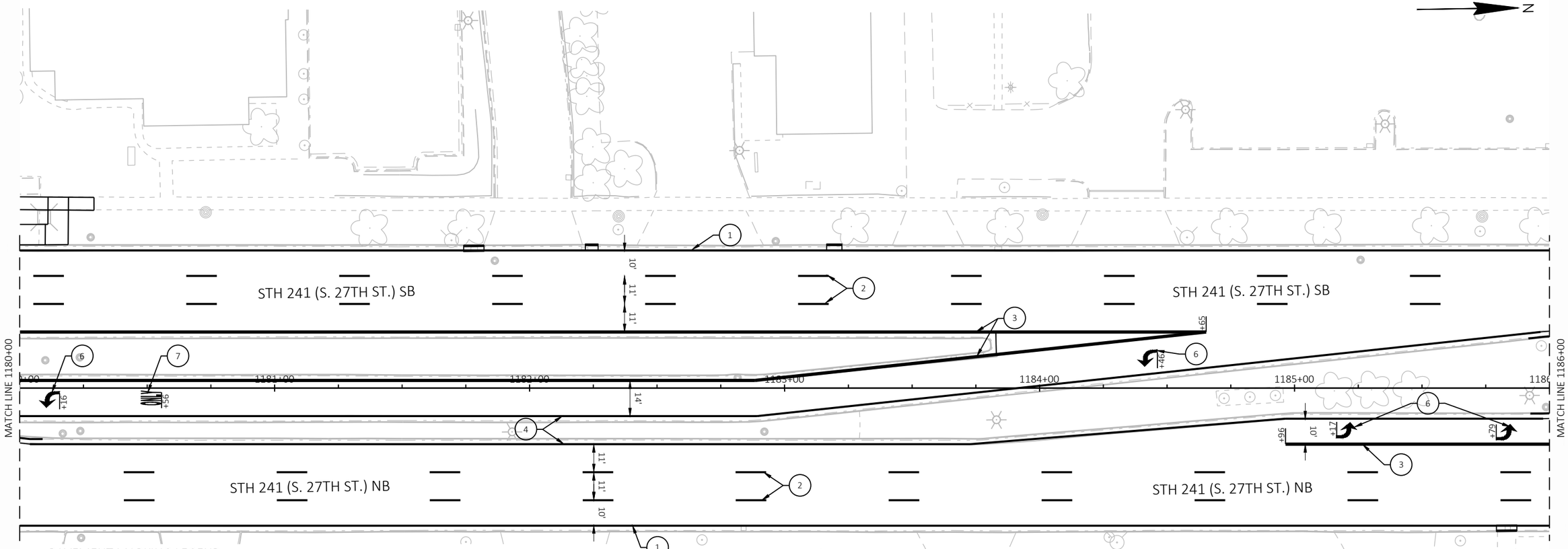
1. MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE
2. MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE WITH MARKING LINE GROOVED BLACK EPOXY 6-INCH CONTRAST EPOXY 6-INCH (12.5' WHITE LINE, 12.5 BLACK LINE, 25' SKIP)
3. MARKING LINE GROOVED WET REF EPOXY 10-INCH , WHITE
4. MARKING LINE GROOVED WET REF EPOXY 6-INCH, YELLOW
5. MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE (3' LINE, 9' SKIP)
6. MARKING ARROW EPOXY, TYPE 2, WHITE
7. MARKING WORD EPOXY, WHITE
8. MARKING STOP LINE EPOXY 18-INCH, WHITE
9. MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH, WHITE
10. MARKING ISLAND NOSE EPOXY, YELLOW
11. MARKING LINE GROOVED WET REF CONTRAST EPOXY 10-INCH, WHITE WITH MARKING LINE GROOVED BLACK EPOXY 10-INCH (2' WHITE LINE, 2' BLACK LINE, 4' SKIP)
12. MARKING CURB, YELLOW
13. MARKING LINE EPOXY 4-INCH, YELLOW (12.5' LINE, 37.5' SKIP)
14. MARKING ARROW EPOXY, TYPE 3, WHITE
15. CONTINENTAL CROSSWALK MARKINGS (PAID FOR AS MARKING STOP LINE EPOXY 12-INCH), WHITE
16. MARKING LINE GROOVED WET REF EPOXY 6-INCH, YELLOW (3' LINE, 9' SKIP)
17. MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE WITH MARKING LINE GROOVED BLACK EPOXY 10-INCH (3' WHITE LINE, 3' BLACK, 6' SKIP)
18. MARKING LINE EPOXY 8-INCH, WHITE
19. MARKING LINE EPOXY 4-INCH, WHITE
20. MARKING LINE EPOXY 4-INCH, YELLOW
21. MARKING LINE EPOXY 4-INCH, WHITE (3' LINE, 9' SKIP)
22. MARKING YIELD LINE



PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	PAVEMENT MARKING	SHEET 252	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\024501_PM.DWG
LAYOUT NAME - 021213_pd
PLOT DATE : 11/20/2024 3:19 PM PLOT BY : STRASSER, JEFFREY PLOT NAME : PLOT SCALE : 1 IN:40 FT

2



PAVEMENT MARKING LEGEND

1. MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE
2. MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE WITH MARKING LINE GROOVED BLACK EPOXY 6-INCH CONTRAST EPOXY 6-INCH (12.5' WHITE LINE, 12.5 BLACK LINE, 25' SKIP)
3. MARKING LINE GROOVED WET REF EPOXY 10-INCH , WHITE
4. MARKING LINE GROOVED WET REF EPOXY 6-INCH, YELLOW
5. MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE (3' LINE, 9' SKIP)
6. MARKING ARROW EPOXY, TYPE 2, WHITE
7. MARKING WORD EPOXY, WHITE
8. MARKING STOP LINE EPOXY 18-INCH, WHITE
9. MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH, WHITE
10. MARKING ISLAND NOSE EPOXY, YELLOW
11. MARKING LINE GROOVED WET REF CONTRAST EPOXY 10-INCH, WHITE WITH MARKING LINE GROOVED BLACK EPOXY 10-INCH (2' WHITE LINE, 2' BLACK LINE, 4' SKIP)
12. MARKING CURB, YELLOW
13. MARKING LINE EPOXY 4-INCH, YELLOW (12.5' LINE, 37.5' SKIP)
14. MARKING ARROW EPOXY, TYPE 3, WHITE
15. CONTINENTAL CROSSWALK MARKINGS (PAID FOR AS MARKING STOP LINE EPOXY 12-INCH), WHITE
16. MARKING LINE GROOVED WET REF EPOXY 6-INCH, YELLOW (3' LINE, 9' SKIP)
17. MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE WITH MARKING LINE GROOVED BLACK EPOXY 10-INCH (3' WHITE LINE, 3' BLACK, 6' SKIP)
18. MARKING LINE EPOXY 8-INCH, WHITE
19. MARKING LINE EPOXY 4-INCH, WHITE
20. MARKING LINE EPOXY 4-INCH, YELLOW
21. MARKING LINE EPOXY 4-INCH, WHITE (3' LINE, 9' SKIP)
22. MARKING YIELD LINE

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	PAVEMENT MARKING	SHEET 253	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\024501_PM.DWG
LAYOUT NAME - 021214_pd
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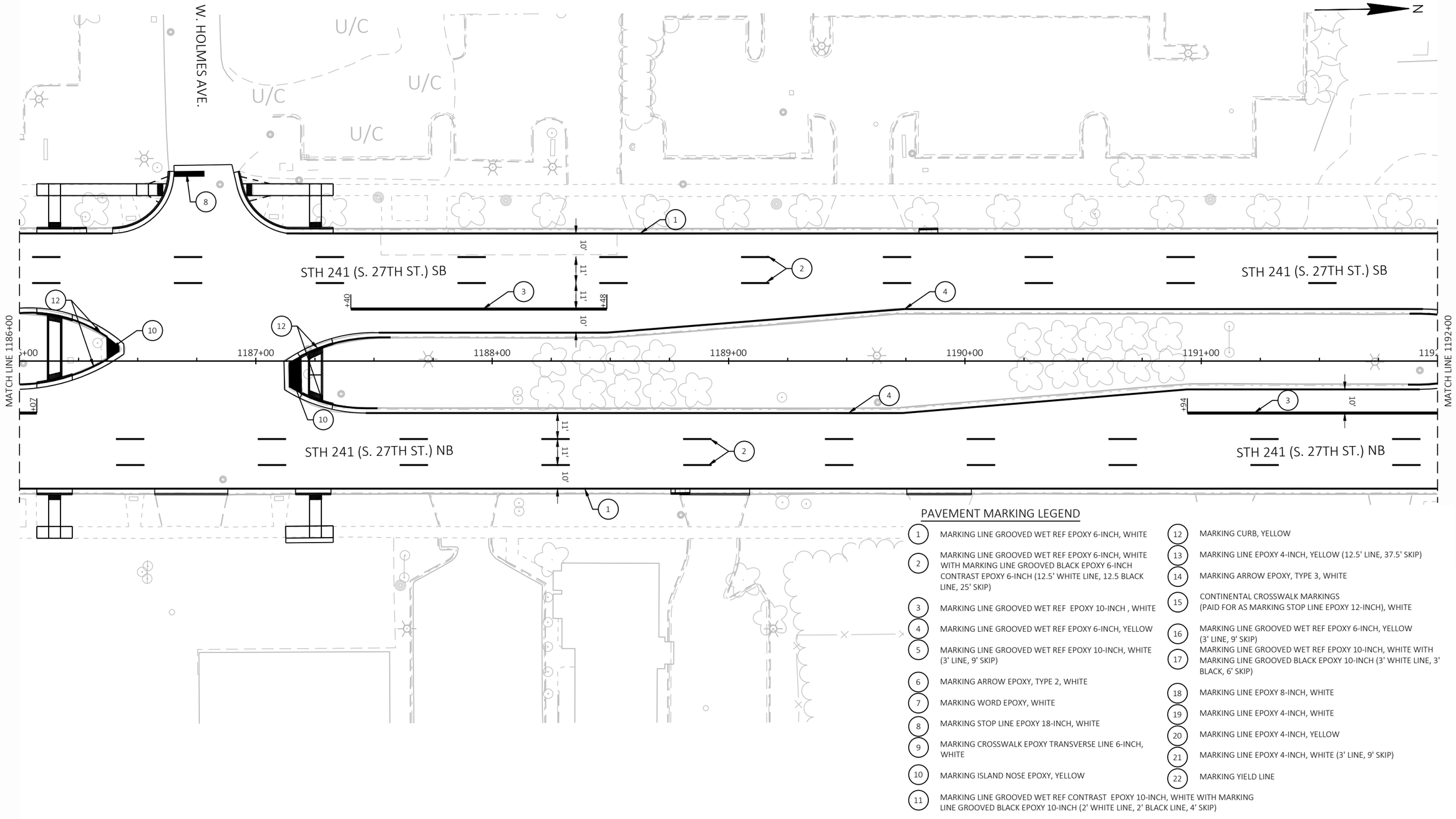
PLOT BY : STRASSER, JEFFREY
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2



PAVEMENT MARKING LEGEND

1. MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE
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4. MARKING LINE GROOVED WET REF EPOXY 6-INCH, YELLOW
5. MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE (3' LINE, 9' SKIP)
6. MARKING ARROW EPOXY, TYPE 2, WHITE
7. MARKING WORD EPOXY, WHITE
8. MARKING STOP LINE EPOXY 18-INCH, WHITE
9. MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH, WHITE
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13. MARKING LINE EPOXY 4-INCH, YELLOW (12.5' LINE, 37.5' SKIP)
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15. CONTINENTAL CROSSWALK MARKINGS (PAID FOR AS MARKING STOP LINE EPOXY 12-INCH), WHITE
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18. MARKING LINE EPOXY 8-INCH, WHITE
19. MARKING LINE EPOXY 4-INCH, WHITE
20. MARKING LINE EPOXY 4-INCH, YELLOW
21. MARKING LINE EPOXY 4-INCH, WHITE (3' LINE, 9' SKIP)
22. MARKING YIELD LINE

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	PAVEMENT MARKING	SHEET 254	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\024501_PM.DWG
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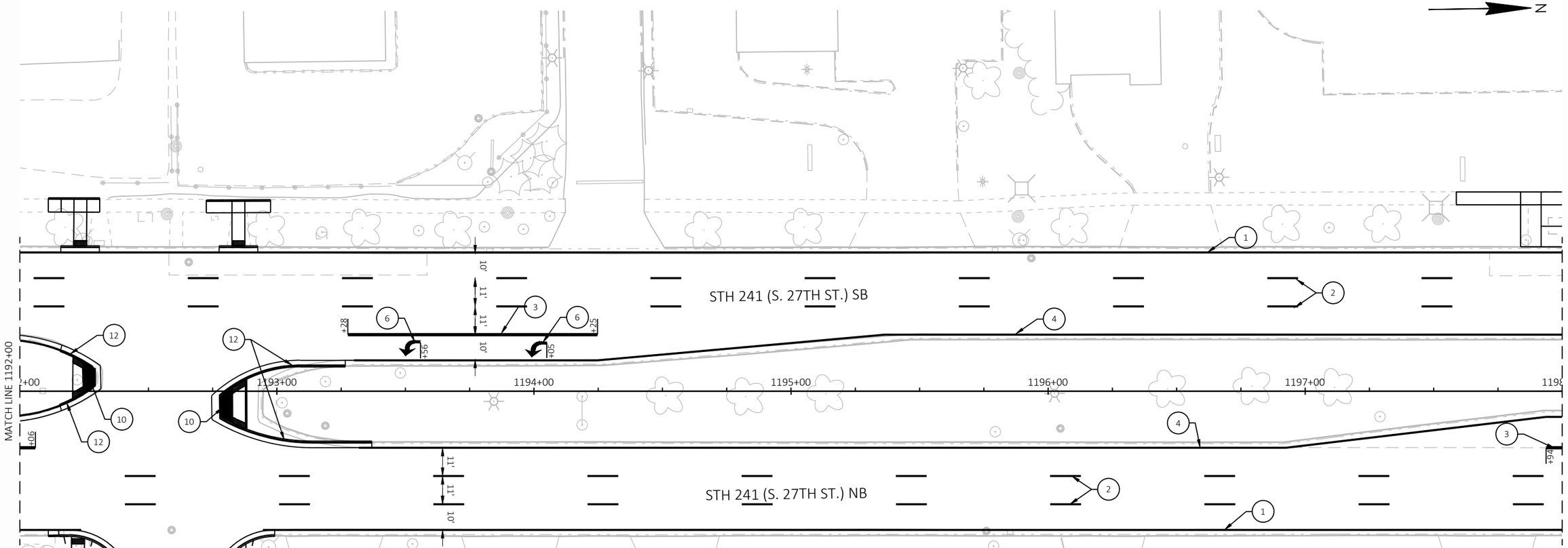
PLOT DATE : 11/20/2024 3:19 PM
PLOT BY : STRASSER, JEFFREY
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2



PAVEMENT MARKING LEGEND

1. MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE
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7. MARKING WORD EPOXY, WHITE
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13. MARKING LINE EPOXY 4-INCH, YELLOW (12.5' LINE, 37.5' SKIP)
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15. CONTINENTAL CROSSWALK MARKINGS (PAID FOR AS MARKING STOP LINE EPOXY 12-INCH), WHITE
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19. MARKING LINE EPOXY 4-INCH, WHITE
20. MARKING LINE EPOXY 4-INCH, YELLOW
21. MARKING LINE EPOXY 4-INCH, WHITE (3' LINE, 9' SKIP)
22. MARKING YIELD LINE

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	PAVEMENT MARKING	SHEET 255	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\024501_PM.DWG
LAYOUT NAME - 021216_pd
PLOT DATE : 11/20/2024 3:19 PM
PLOT BY : STRASSER, JEFFREY
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

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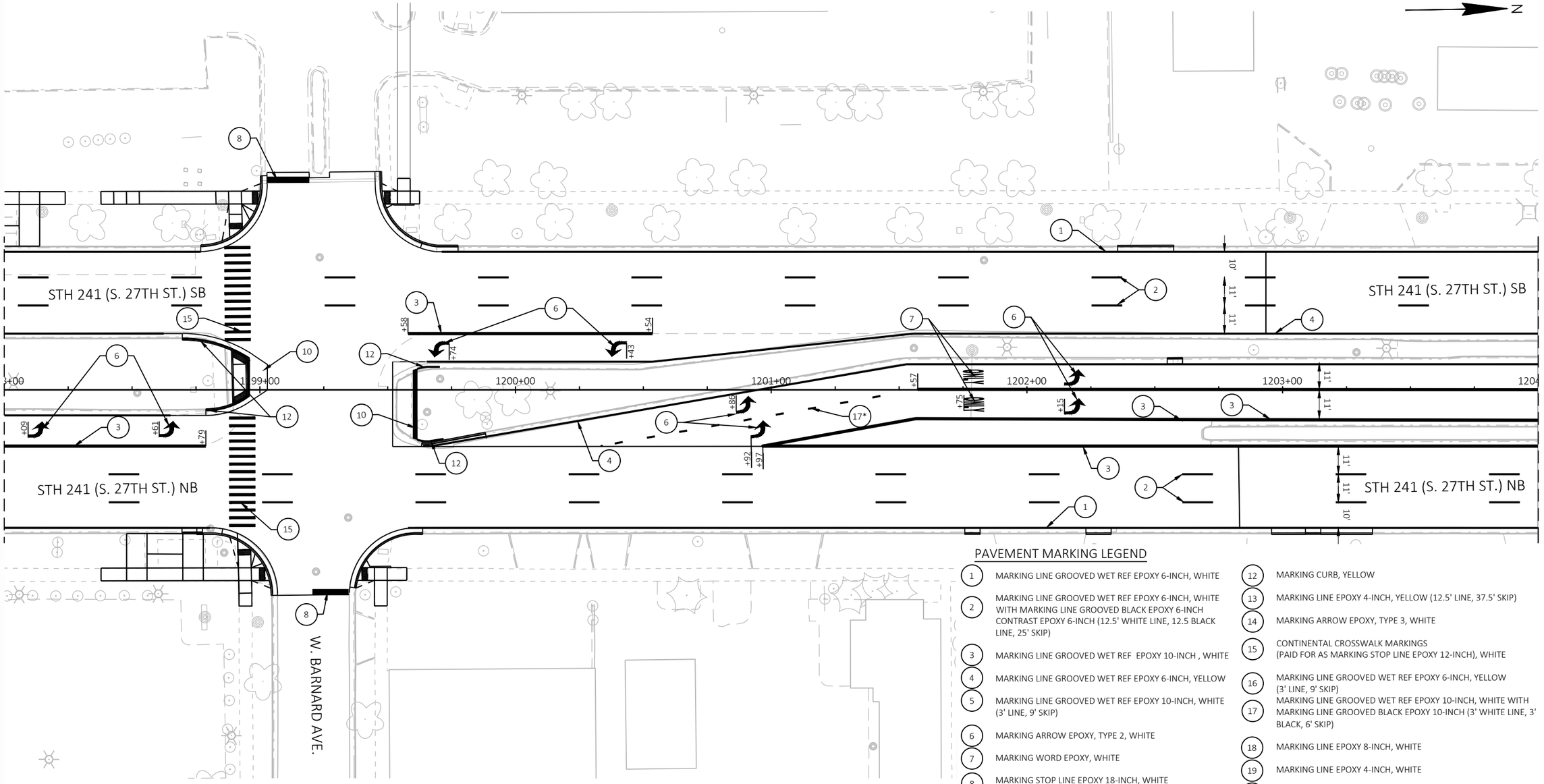

PAVEMENT MARKING LEGEND

1. MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE
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4. MARKING LINE GROOVED WET REF EPOXY 6-INCH, YELLOW
5. MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE (3' LINE, 9' SKIP)
6. MARKING ARROW EPOXY, TYPE 2, WHITE
7. MARKING WORD EPOXY, WHITE
8. MARKING STOP LINE EPOXY 18-INCH, WHITE
9. MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH, WHITE
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15. CONTINENTAL CROSSWALK MARKINGS (PAID FOR AS MARKING STOP LINE EPOXY 12-INCH), WHITE
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19. MARKING LINE EPOXY 4-INCH, WHITE
20. MARKING LINE EPOXY 4-INCH, YELLOW
21. MARKING LINE EPOXY 4-INCH, WHITE (3' LINE, 9' SKIP)
22. MARKING YIELD LINE

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	PAVEMENT MARKING	SHEET 256	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\024501_PM.DWG
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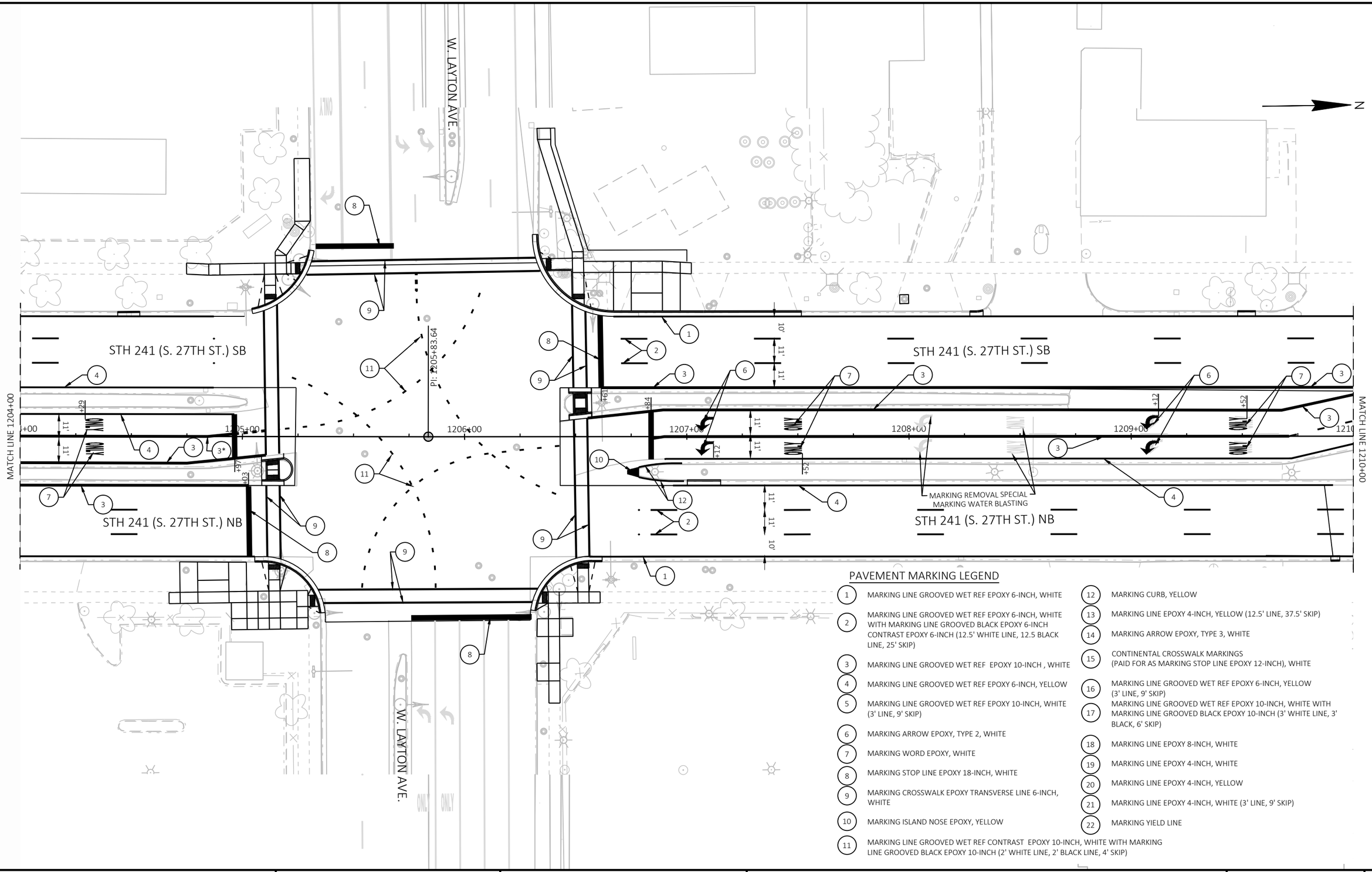
PLOT DATE : 11/20/2024 3:20 PM
PLOT BY : STRASSER, JEFFREY
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2



PAVEMENT MARKING LEGEND

1. MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE
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5. MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE (3' LINE, 9' SKIP)
6. MARKING ARROW EPOXY, TYPE 2, WHITE
7. MARKING WORD EPOXY, WHITE
8. MARKING STOP LINE EPOXY 18-INCH, WHITE
9. MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH, WHITE
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13. MARKING LINE EPOXY 4-INCH, YELLOW (12.5' LINE, 37.5' SKIP)
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15. CONTINENTAL CROSSWALK MARKINGS (PAID FOR AS MARKING STOP LINE EPOXY 12-INCH), WHITE
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19. MARKING LINE EPOXY 4-INCH, WHITE
20. MARKING LINE EPOXY 4-INCH, YELLOW
21. MARKING LINE EPOXY 4-INCH, WHITE (3' LINE, 9' SKIP)
22. MARKING YIELD LINE

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	PAVEMENT MARKING	SHEET 257	E

2

PAVEMENT MARKING LEGEND

1. MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE
2. MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE WITH MARKING LINE GROOVED BLACK EPOXY 6-INCH CONTRAST EPOXY 6-INCH (12.5' WHITE LINE, 12.5 BLACK LINE, 25' SKIP)
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15. CONTINENTAL CROSSWALK MARKINGS (PAID FOR AS MARKING STOP LINE EPOXY 12-INCH), WHITE
16. MARKING LINE GROOVED WET REF EPOXY 6-INCH, YELLOW (3' LINE, 9' SKIP)
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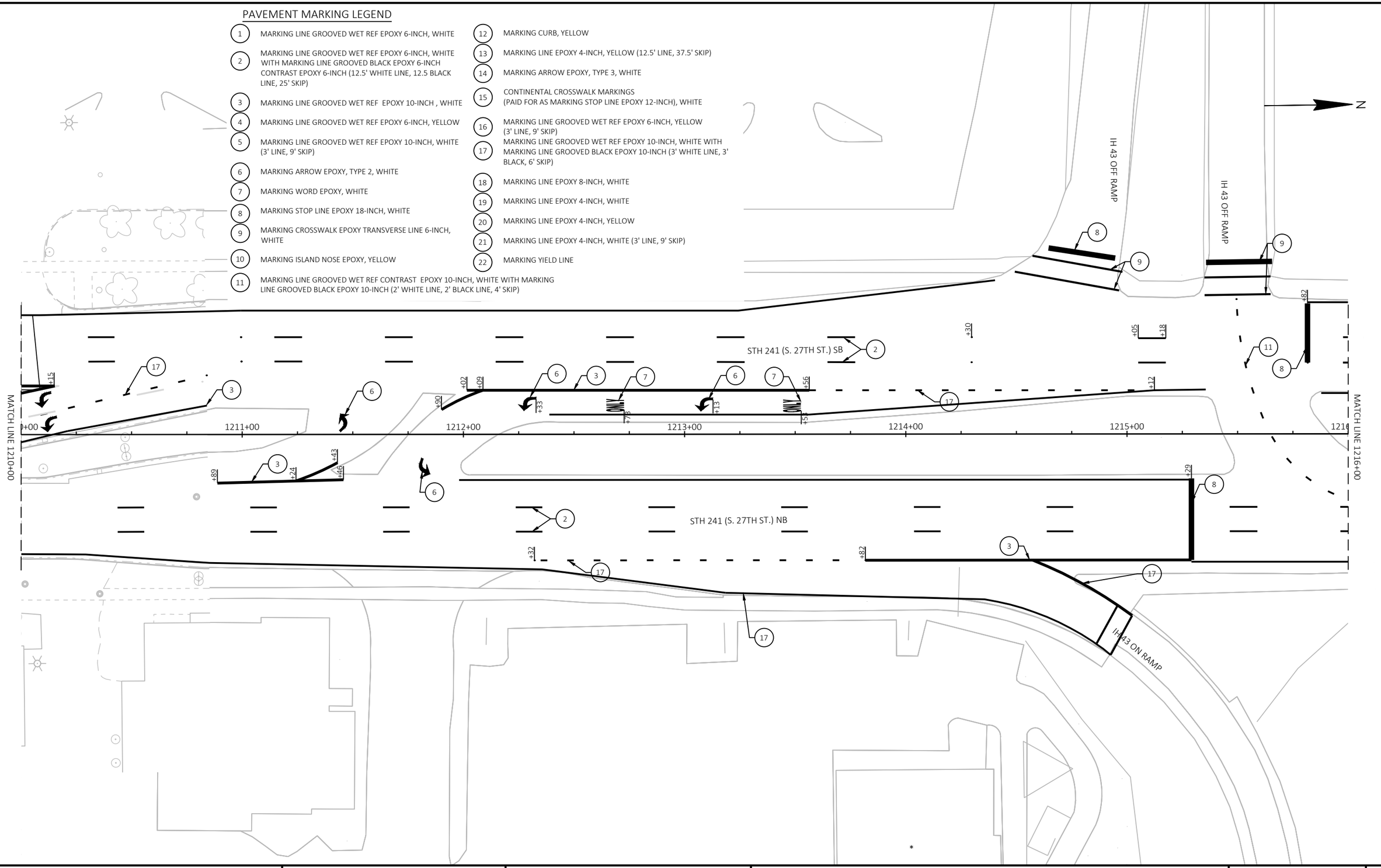
22. MARKING YIELD LINE



PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	PAVEMENT MARKING	SHEET 258	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\024501_PM.DWG
LAYOUT NAME - 021219_pd

PLOT DATE : 11/20/2024 3:20 PM PLOT BY : STRASSER, JEFFREY PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

2

N

MATCH LINE 1216+00

1216+00

1217+00

1218+00

1219+00

1220+00

1221+00

MATCH LINE 1222+00

1+29

1+51

1+71

PAVEMENT MARKING LEGEND

1. MARKING LINE GROOVED WET REF EPOXY 6-INCH, WHITE
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6. MARKING ARROW EPOXY, TYPE 2, WHITE
7. MARKING WORD EPOXY, WHITE
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12. MARKING CURB, YELLOW
13. MARKING LINE EPOXY 4-INCH, YELLOW (12.5' LINE, 37.5' SKIP)
14. MARKING ARROW EPOXY, TYPE 3, WHITE
15. CONTINENTAL CROSSWALK MARKINGS (PAID FOR AS MARKING STOP LINE EPOXY 12-INCH), WHITE
16. MARKING LINE GROOVED WET REF EPOXY 6-INCH, YELLOW (3' LINE, 9' SKIP)
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20. MARKING LINE EPOXY 4-INCH, YELLOW
21. MARKING LINE EPOXY 4-INCH, WHITE (3' LINE, 9' SKIP)
22. MARKING YIELD LINE

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	PAVEMENT MARKING	SHEET 259	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\024501_PM.DWG
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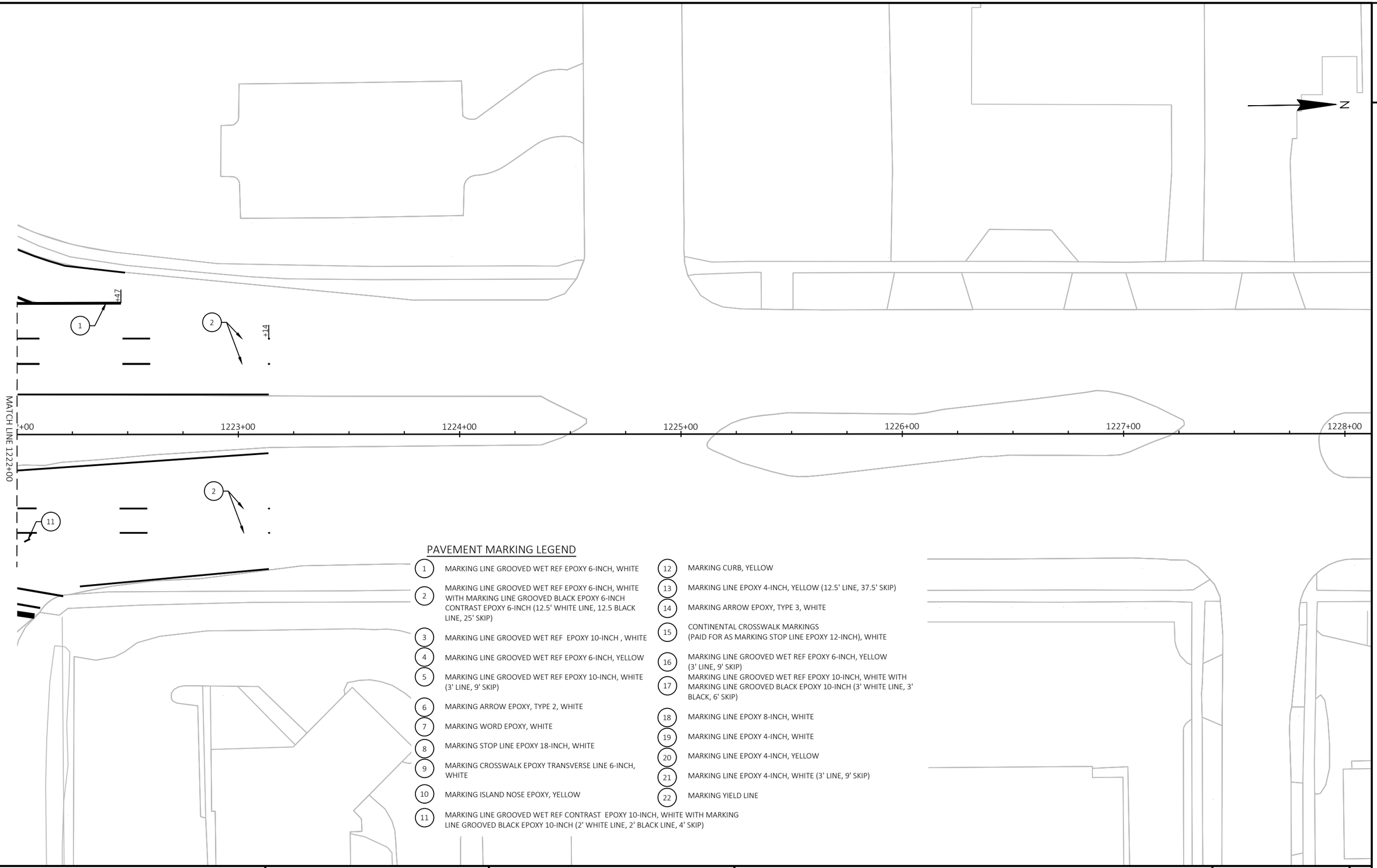
WISDOT/CADDS SHEET 42

2



PAVEMENT MARKING LEGEND

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5. MARKING LINE GROOVED WET REF EPOXY 10-INCH, WHITE (3' LINE, 9' SKIP)
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7. MARKING WORD EPOXY, WHITE
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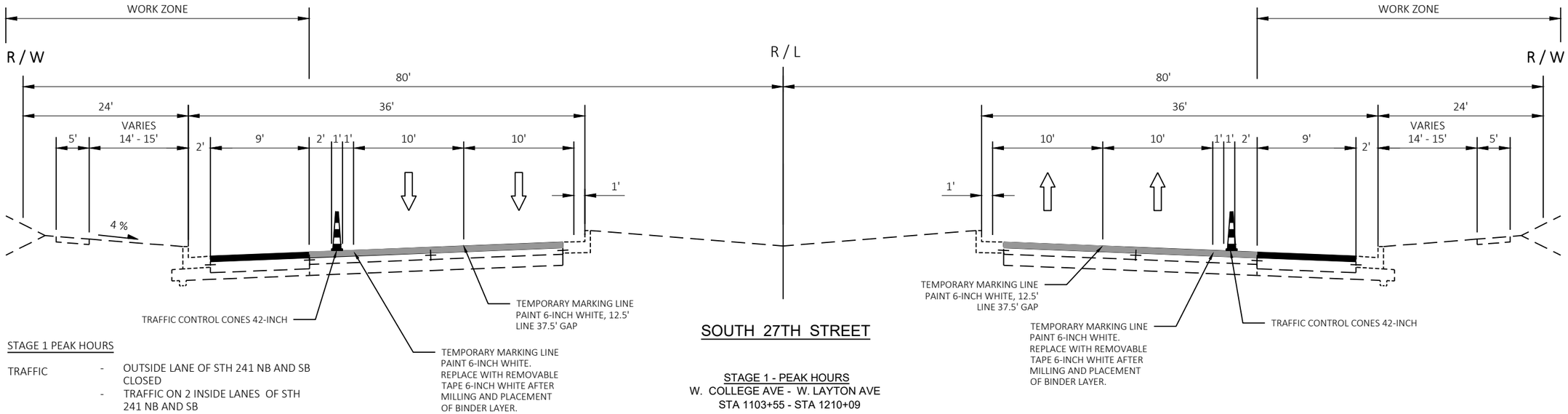
22. MARKING YIELD LINE

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	PAVEMENT MARKING	SHEET 260	E

2

1. MAINTAIN TWO 10-FOOT MINIMUM LANES DURING PEAK HOURS AT ALL TIMES. MAINTAIN ONE 10-FOOT MINIMUM LANE DURING NON PEAK HOURS AT ALL TIMES.
2. TRAFFIC CONTROL CONES 42-INCH AND DRUMS ARE SPACED AT 50' ON CENTER EXCEPT AT DRIVEWAY AND INTERSECTIONS, WHERE SPACING IS 25'. TRAFFIC CONTROL DRUMS IN LANE CLOSURE TAPERS ARE SPACED AT 50'
3. THE CONTRACTOR SHALL REMOVE ALL EXISTING PAVEMENT MARKINGS WHICH CONFLICT WITH THE TRAFFIC CONTROL.
4. THE CONTRACTOR SHALL COVER ANY SIGN CONFLICTING WITH THE TRAFFIC CONTROL IN OPERATION AS NEEDED OR AS DIRECTED BY THE ENGINEER. COVERING SIGNS TO BE PAID FOR AS "TRAFFIC CONTROL COVERING SIGNS TYPE II" PAY ITEM
5. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN ALL NECESSARY BARRICADES, SIGNS, DIRECTIONAL ARROWS, LIGHTS, TEMPORARY MARKINGS, FLAGMEN, AND SAFETY DEVICES AS CALLED FOR ON THE PLANS OR AS DIRECTED BY THE ENGINEER.
6. DRAWINGS SHOW TRAFFIC CONTROL FOR A TYPICAL SITUATION. ADDITIONAL TRAFFIC CONTROL DEVICES MAY BE REQUIRED AND/OR LAYOUT DETAILS MODIFIED DEPENDING ON CONTRACTOR'S METHOD OR SEQUENCES OF OPERATION
7. "WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE
8. ALL SIGNS ARE 48" X 48" EXCEPT OTHERWISE NOTED
9. THE EXACT LOCATION AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD LOCATIONS AS APPROVED BY THE ENGINEER IN THE FIELD.
10. BOTH STEADY BURN LIGHTS AND FLASHING LIGHTS SHALL BE ONE WAY WITH THE LIGHT SOURCE SHOWING TOWARDS ADJACENT APPROACHING TRAFFIC.
11. CHANNELIZING DEVICES SHALL BE DRUMS WITH ATTACHED TYPE "C" STEADY BURN LIGHT (APPROACH TAPERS ONLY).
12. MAINTAIN ACCESS TO DRIVEWAYS AT ALL TIMES.
13. ARROW BOARDS SHALL BE LOCATED AS SHOWN ON THE PLAN, OR AS DIRECTED BY THE ENGINEER.

2

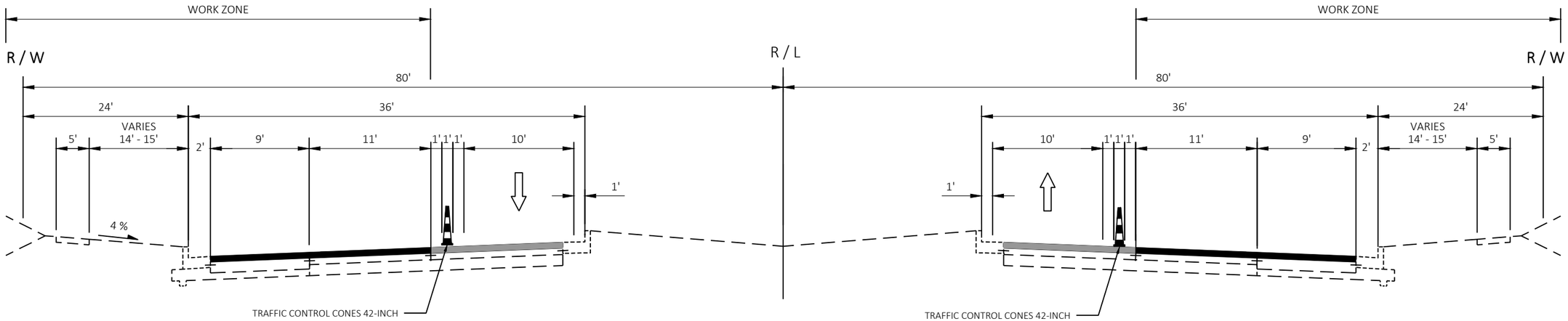


STAGE 1 - PEAK HOURS
W. COLLEGE AVE - W. LAYTON AVE
STA 1103+55 - STA 1210+09

STAGE 1 PEAK HOURS

TRAFFIC
- OUTSIDE LANE OF STH 241 NB AND SB CLOSED
- TRAFFIC ON 2 INSIDE LANES OF STH 241 NB AND SB

CONSTRUCTION
- MILL, BASE PATCH, & OVERLAY OUTSIDE LANE OF NB AND SB. REPLACE C&G/ SIDEWALK ON OUTSIDE ROADWAY OF NB AND SB



STAGE 1 - NON-PEAK HOURS
W. COLLEGE AVE - W. LAYTON AVE
STA 1103+55 - STA 1210+09

STAGE 1 NON-PEAK HOURS

TRAFFIC
- OUTSIDE 2 LANES OF STH 241 NB AND SB CLOSED
- TRAFFIC ON INSIDE LANE OF STH 241 NB AND SB

CONSTRUCTION
- MILL, BASE PATCH AND PLACE BINDER LAYER ON OUTSIDE LANES OF NB AND SB. REPLACE C&G/ SIDEWALK ON OUTSIDE ROADWAY OF NB AND SB

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	TRAFFIC CONTROL - STAGE 1	SHEET 262	E

2

LEGEND

- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- TRAFFIC CONTROL CONES 42-INCH
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- WORK AREA
- TRAFFIC CONTROL ARROW BOARDS
- TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
- MARKING REMOVAL LINE 4-INCH

N

ROAD WORK AHEAD W20-1A

RIGHT LANE CLOSED AHEAD W20-5A

W04-2R

1081+00 1082+00 1083+00 1084+00 1085+00 1086+00 1087+00 1088+00 1089+00 1090+00 1091+00 1092+00 1093+00 1094+00 1095+00

350' 350' 350'

320' TAPER

25' TYP

200' TAPER

BEGIN RIGHT TURN LANE R3-20R 24"X36"

FRAME 1	FRAME 2
ROAD WORK BEGINS	XXXDAY XX/XX

PLACE SIGN 7 CALENDAR DAYS PRIOR TO LANE CLOSURES

ROAD WORK AHEAD W20-1A

500'

END ROAD WORK G20-2A 48"X24"

500'

TEMPORARY MARKING LINE PAINT 6-INCH WHITE

TEMPORARY MARKING LINE PAINT 6-INCH WHITE SKIP DASH

TEMPORARY MARKING LINE PAINT 10-INCH WHITE

STH 241 (S. 27TH ST.) SB

50'xTYP. x

100' TAPER

MATCH LINE STA. 1095+50

1096+00 1097+00 1098+00 1099+00 1100+00 1101+00 1102+00 1103+00 1104+00 1105+00 1106+00 1107+00 1108+00 1109+00 1110+00

50' TYP

10'

STH 241 (S. 27TH ST.) NB

50' TYP.

TEMPORARY MARKING REMOVABLE TAPE 6-INCH, WHITE

LANE CLOSED R11-2L 48"X30"

END ROAD WORK G20-2A 48"X24"

500'

LANE CLOSED R11-2L 48"X30"

ROAD WORK AHEAD W20-1A

500'

TEMPORARY MARKING LINE PAINT 6-INCH WHITE

TEMPORARY MARKING LINE PAINT 6-INCH WHITE SKIP DASH

TEMPORARY MARKING LINE PAINT 10-INCH WHITE

END ROAD WORK G20-2A 48"X24"

500'

W. MANGOLD AVE.

200'

LANE CLOSED R11-2L 48"X30"

ROAD WORK AHEAD W20-1A

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	TRAFFIC CONTROL - STAGE 1 - PEAK HOURS	SHEET 263	E

2

2

MATCH LINE STA. 1110+50

MATCH LINE STA. 1125+50

ROAD WORK AHEAD W20-1A

END ROAD WORK G20-2A 48"X24"

LANE CLOSED R11-2L 48"X30"

S. HONEYCREEK DR

200'

500'

TEMPORARY MARKING LINE PAINT 10-INCH WHITE

TEMPORARY MARKING LINE PAINT 6-INCH WHITE SKIP DASH

TEMPORARY MARKING LINE PAINT 6-INCH WHITE

STH 241 (S. 27TH ST.) SB

STH 241 (S. 27TH ST.) NB

50' TYP

1111+00 1112+00 1113+00 1114+00 1115+00 1116+00 1117+00 1118+00 1119+00 1120+00 1121+00 1122+00 1123+00 1124+00 1125+00

1126+00 1127+00 1128+00 1129+00 1130+00 1131+00 1132+00 1133+00 1134+00 1135+00 1136+00 1137+00 1138+00 1139+00 1140+00

W. RAMSEY AVE.

W. GOLDCREST AVE.

W. PARNELL AVE.

10'

LEGEND

- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- TRAFFIC CONTROL CONES 42-INCH
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- WORK AREA
- TRAFFIC CONTROL ARROW BOARDS
- TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
- MARKING REMOVAL LINE 4-INCH

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	TRAFFIC CONTROL - STAGE 1 - PEAK HOURS	SHEET 264	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\026001-S1A.DWG
LAYOUT NAME - 026002_s1a

PLOT DATE : 11/20/2024 3:21 PM PLOT BY : STRASSER, JEFFREY PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

2

2

MATCH LINE STA. 1140+50

STH 241 (S. 27TH ST.) NB

STH 241 (S. 27TH ST.) SB

1141+00 1142+00 1143+00 1144+00 1145+00 1146+00 1147+00 1148+00 1149+00 1150+00 1151+00 1152+00 1153+00 1154+00 1155+00

TEMPORARY MARKING LINE PAINT 6-INCH WHITE

TEMPORARY MARKING LINE PAINT 6-INCH WHITE SKIP DASH

TEMPORARY MARKING LINE PAINT 10-INCH WHITE

TEMPORARY MARKING LINE PAINT 6-INCH WHITE SKIP DASH

50' TYP

ROAD WORK AHEAD W20-1A

LANE CLOSED R11-2L 48"X30"

END ROAD WORK G20-2A 48"X24"

W. GRANGE AVE.

200'

500'

10'

LEGEND

- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- TRAFFIC CONTROL CONES 42-INCH
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- WORK AREA
- TRAFFIC CONTROL ARROW BOARDS
- TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
- MARKING REMOVAL LINE 4-INCH

MATCH LINE STA. 1155+50

STH 241 (S. 27TH ST.) SB

STH 241 (S. 27TH ST.) NB

1156+00 1157+00 1158+00 1159+00 1160+00 1161+00 1162+00 1163+00 1164+00 1165+00 1166+00 1167+00 1168+00 1169+00 1170+00

TEMPORARY MARKING LINE PAINT 10-INCH WHITE

TEMPORARY MARKING LINE PAINT 6-INCH WHITE SKIP DASH

TEMPORARY MARKING LINE PAINT 6-INCH WHITE

50' TYP

ROAD WORK AHEAD W20-1A

LANE CLOSED R11-2L 48"X30"

END ROAD WORK G20-2A 48"X24"

MALLORY AVE.

W. UPHAM AVE.

W. CLAYTON CREST AVE.

200'

500'

10'

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	TRAFFIC CONTROL - STAGE 1 - PEAK HOURS	SHEET 265	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\026001-S1A.DWG
LAYOUT NAME - 026003_s1a

PLOT DATE : 11/20/2024 3:21 PM PLOT BY : STRASSER, JEFFREY PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

2

2

MATCH LINE STA. 1170+50

MATCH LINE STA. 1185+50

ROAD WORK AHEAD W20-1A

END ROAD WORK G20-2A 48"X24"

LANE CLOSED R11-2L 48"X30"

W. ABBOTT AVE.

W. EDGERTON AVE.

W. HOLMES AVE.

W. CARPENTER AVE.

200'

500'

50' TYP

10'

STH 241 (S. 27TH ST.) SB

STH 241 (S. 27TH ST.) NB

1171+00 1172+00 1173+00 1174+00 1175+00 1176+00 1177+00 1178+00 1179+00 1180+00 1181+00 1182+00 1183+00 1184+00 1185+00

1186+00 1187+00 1188+00 1189+00 1190+00 1191+00 1192+00 1193+00 1194+00 1195+00 1196+00 1197+00 1198+00

TEMPORARY MARKING LINE PAINT 10-INCH WHITE

TEMPORARY MARKING LINE PAINT 6-INCH WHITE

TEMPORARY MARKING LINE PAINT 6-INCH WHITE SKIP DASH

TEMPORARY MARKING LINE PAINT 6-INCH WHITE SKIP DASH

N

LEGEND

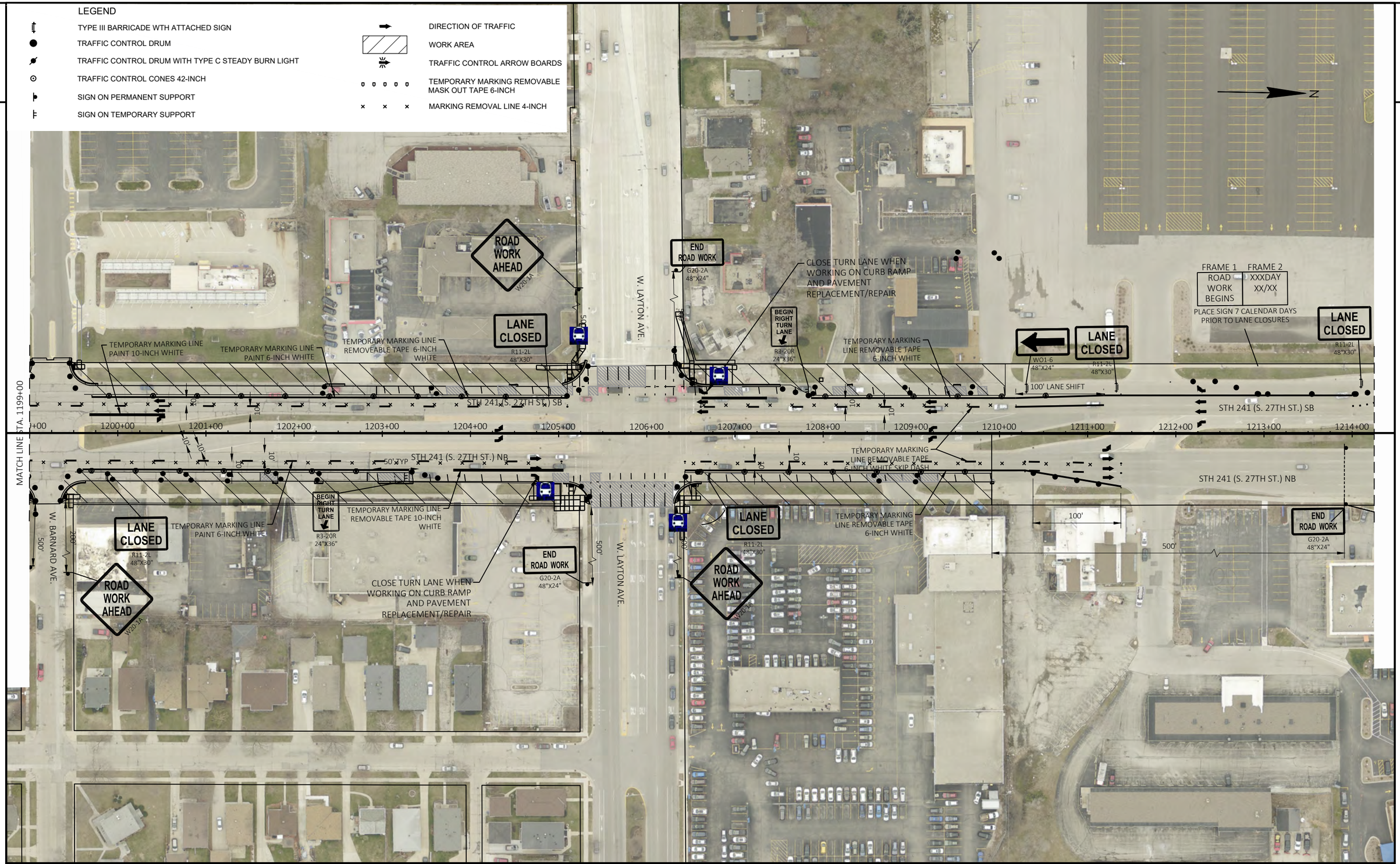
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- TRAFFIC CONTROL CONES 42-INCH
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- WORK AREA
- TRAFFIC CONTROL ARROW BOARDS
- TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
- MARKING REMOVAL LINE 4-INCH

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	TRAFFIC CONTROL - STAGE 1 - PEAK HOURS	SHEET 266	E

2

LEGEND

- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- TRAFFIC CONTROL CONES 42-INCH
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- WORK AREA
- TRAFFIC CONTROL ARROW BOARDS
- TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
- MARKING REMOVAL LINE 4-INCH



PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	TRAFFIC CONTROL - STAGE 1 - PEAK HOURS	SHEET 267	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\026001-S1A.DWG
LAYOUT NAME - 026005_s1a

PLOT DATE : 11/20/2024 3:22 PM PLOT BY : STRASSER, JEFFREY PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

2

2

N

ROAD WORK AHEAD
W20-1A

300'

320' TAPER

W4A-2R

RIGHT LANE CLOSED AHEAD
W20-5A

ROAD WORK AHEAD
W20-1A

12'
12'
12'
14'

1215+00 1216+00 1217+00 1218+00 1219+00 1220+00 1221+00 1222+00 1223+00 1224+00 1225+00 1226+00 1227+00 1228+00 1229+00

MATCH LINE STA. 1214+25

LANE CLOSED
R11-2L
48"X30"

350' 350' 350'

TEMPORARY MARKING LINE REMOVEABLE TAPE 6-INCH WHITE

MARKING REMOVAL LINE WATER BLASTING 4-INCH

ROAD WORK AHEAD
W20-1A

300'

MATCHLINE - A-A

LEGEND

- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- TRAFFIC CONTROL CONES 42-INCH
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- WORK AREA
- TRAFFIC CONTROL ARROW BOARDS
- TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
- MARKING REMOVAL LINE 4-INCH

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	TRAFFIC CONTROL - STAGE 1 - PEAK HOURS	SHEET 268	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\026001-S1A.DWG
LAYOUT NAME - 026006_s1a

PLOT DATE : 11/20/2024 3:22 PM PLOT BY : STRASSER, JEFFREY PLOT NAME : PLOT SCALE : ##########

WISDOT/CADDS SHEET 44

2

2

LEGEND

- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- TRAFFIC CONTROL CONES 42-INCH
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- WORK AREA
- TRAFFIC CONTROL ARROW BOARDS

ROAD WORK AHEAD W20-1A

RIGHT TWO LANES CLOSED AHEAD W20-3SA

W04-2R

ROAD CLOSED R11-2 48"X30"

1081+00 1082+00 1083+00 1084+00 1085+00 1086+00 1087+00 1088+00 1089+00 1090+00 1091+00 1092+00 1093+00 1094+00 1095+00

350' 350' 350'

320' TAPER

640'

320' TAPER

25' TYP

LANE CLOSED R11-2L 48"X30"

LANE CLOSED R11-2L 48"X30"

ROAD CLOSED R11-2 48"X30"

BEGIN RIGHT TURN LANE R3-20R 24"X36"

N

ROAD WORK AHEAD W20-1A

500'

END ROAD WORK G20-2A 48"X24"

END ROAD WORK G20-2A 48"X24"

500'

MATCH LINE STA. 1095+50

STH 241 (S. 27TH ST.) SB

STH 241 (S. 27TH ST.) NB

100' TAPER

50' TYP

1096+00 1097+00 1098+00 1099+00 1100+00 1101+00 1102+00 1103+00 1104+00 1105+00 1106+00 1107+00 1108+00 1109+00 1110+00

10'

50' TYP

200' TAPER

LANE CLOSED R11-2L 48"X30"

LANE CLOSED R11-2L 48"X30"

END ROAD WORK G20-2A 48"X24"

500'

500'

ROAD WORK AHEAD W20-1A

END ROAD WORK G20-2A 48"X24"

500'

W. MANGOLD AVE.

200'

LANE CLOSED R11-2L 48"X30"

ROAD WORK AHEAD W20-1A

MATCH LINE STA. 1110+50

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	TRAFFIC CONTROL - STAGE 1 - OFF PEAK HOURS	SHEET 269	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\026002-S1B.DWG
LAYOUT NAME - 026001_s1a

PLOT DATE : 11/20/2024 3:22 PM PLOT BY : STRASSER, JEFFREY PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

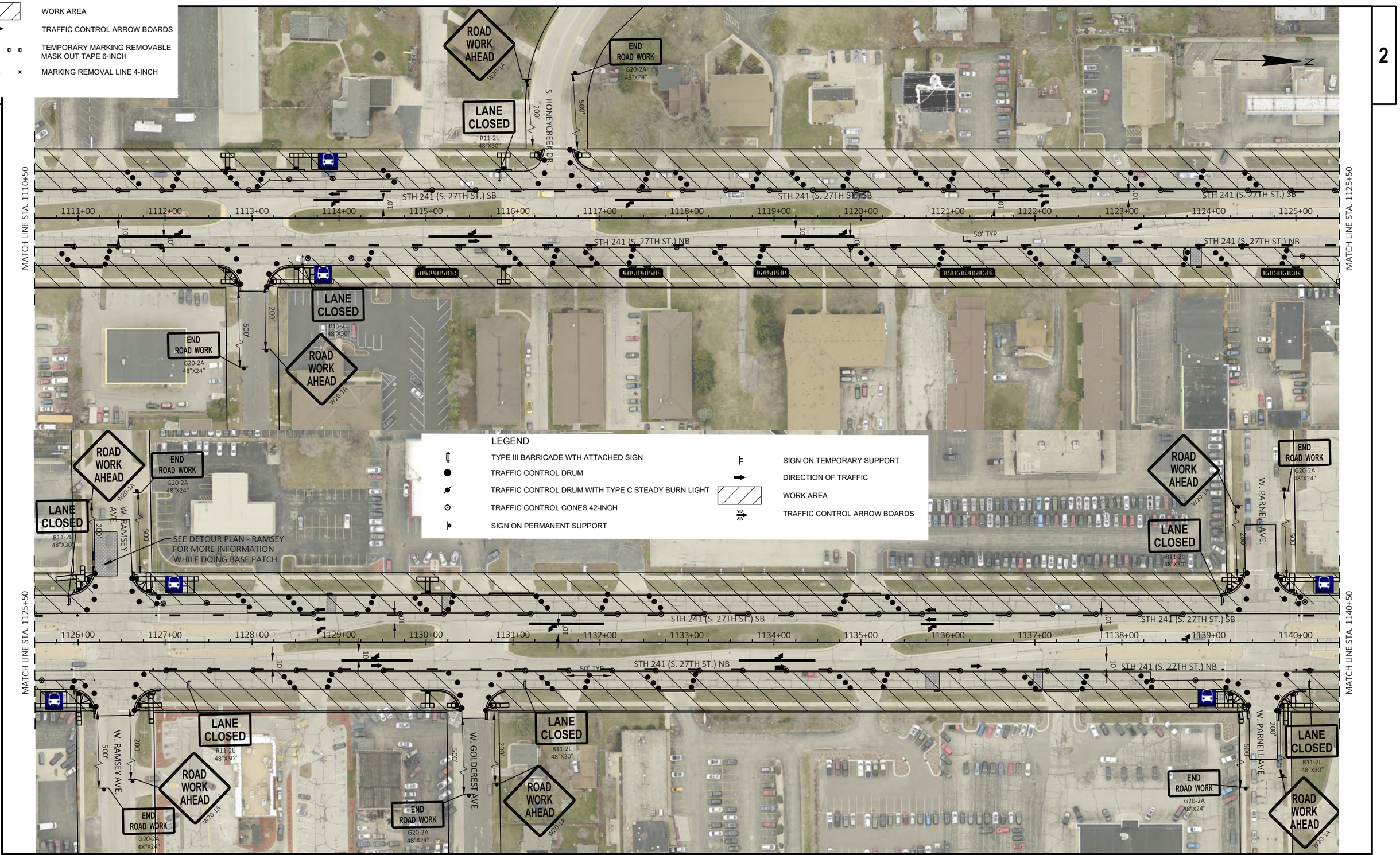
DIRECTION OF TRAFFIC

WORK AREA

TRAFFIC CONTROL ARROW BOARDS

TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH

MARKING REMOVAL LINE 4-INCH



PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	TRAFFIC CONTROL - STAGE 1 - OFF PEAK HOURS	SHEET 270	E

2

2

MATCH LINE STA. 1140+50

MATCH LINE STA. 1155+50

ROAD WORK AHEAD
W20-1A

END ROAD WORK
G20-2A
48"X24"

LANE CLOSED
R11-2L
48"X30"

W. GRANGE AVE.

200'

500'

N

STH 241 (S. 27TH ST.) SB

STH 241 (S. 27TH ST.) NB

10'

50' TYP

1141+00 1142+00 1143+00 1144+00 1145+00 1146+00 1147+00 1148+00 1149+00 1150+00 1151+00 1152+00 1153+00 1154+00 1155+00

LEGEND

- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- TRAFFIC CONTROL CONES 42-INCH
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- WORK AREA
- TRAFFIC CONTROL ARROW BOARDS
- TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
- MARKING REMOVAL LINE 4-INCH

MATCH LINE STA. 1155+50

MATCH LINE STA. 1170+50

W. MALLORY AVE.

W. UPHAM AVE.

W. CLAYTON CREST AVE.

1156+00 1157+00 1158+00 1159+00 1160+00 1161+00 1162+00 1163+00 1164+00 1165+00 1166+00 1167+00 1168+00 1169+00 1170+00

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	TRAFFIC CONTROL - STAGE 1 - OFF PEAK HOURS	SHEET 271	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\026002-S1B.DWG
LAYOUT NAME - 026003_s1a

PLOT DATE : 11/20/2024 3:23 PM PLOT BY : STRASSER, JEFFREY PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

2

2

MATCH LINE STA. 1170+50

MATCH LINE STA. 1185+50

ROAD WORK AHEAD W20-1A

END ROAD WORK G20-2A 48"X24"

LANE CLOSED R11-2L 48"X30"

W. ABBOTT AVE.

W. EDGERTON AVE.

200'

500'

STH 241 (S. 27TH ST.) SB

STH 241 (S. 27TH ST.) NB

10'

50' TYP

1171+00 1172+00 1173+00 1174+00 1175+00 1176+00 1177+00 1178+00 1179+00 1180+00 1181+00 1182+00 1183+00 1184+00 1185+00

TEMPORARY MARKING LINE PAINT 4-INCH WHITE

N

LEGEND

- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- TRAFFIC CONTROL CONES 42-INCH
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- WORK AREA
- TRAFFIC CONTROL ARROW BOARDS
- TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
- MARKING REMOVAL LINE 4-INCH

MATCH LINE STA. 1185+50

MATCH LINE STA. 1199+00

W. HOLMES AVE.

W. CARPENTER AVE.

1186+00 1187+00 1188+00 1189+00 1190+00 1191+00 1192+00 1193+00 1194+00 1195+00 1196+00 1197+00 1198+00

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	TRAFFIC CONTROL - STAGE 1 - OFF PEAK HOURS	SHEET 272	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\026002-S1B.DWG
LAYOUT NAME - 026004_s1a

PLOT DATE : 11/20/2024 3:23 PM PLOT BY : STRASSER, JEFFREY PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

2

2

LEGEND

- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- TRAFFIC CONTROL CONES 42-INCH
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- WORK AREA
- TRAFFIC CONTROL ARROW BOARDS

MATCH LINE STA. 1199+00

MATCH LINE STA. 1214+25

N

W. LAYTON AVE.

W. BARNARD AVE.

PI: 1205+88.94

LANE CLOSED
R11-2L
48"X30"

ROAD WORK AHEAD
W20-2A

BEGIN RIGHT TURN LANE
R3-2D
24"X36"

END ROAD WORK
G20-2A
48"X24"

100' LANE SHIFT

500'

200'

50' XYP

10'

STH 241 (S. 27TH ST.) SB

STH 241 (S. 27TH ST.) NB

1200+00 1201+00 1202+00 1203+00 1204+00 1205+00 1206+00 1207+00 1208+00 1209+00 1210+00 1211+00 1212+00 1213+00 1214+00

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	TRAFFIC CONTROL - STAGE 1 - OFF PEAK HOURS	SHEET 273	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\026002-S0_LAYTON.DWG
LAYOUT NAME - 026005_s1a

PLOT DATE : 11/20/2024 3:24 PM PLOT BY : STRASSER, JEFFREY PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

2

2

LEGEND

- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- TRAFFIC CONTROL CONES 42-INCH
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- WORK AREA
- TRAFFIC CONTROL ARROW BOARDS

MB

FRAME 1	FRAME 2
ROAD TO CLOSE	XXXDAY 10PM-5AM

PLACE SIGN 3 CALENDAR DAYS PRIOR TO ROAD CLOSURE

W. LAYTON AVE.

ROAD CLOSED
R11-2
48"X30"

LANE CLOSED
R11-2L
48"X30"

LANE CLOSED
R11-2L
48"X30"

LANE CLOSED
R11-2L
48"X30"

LANE CLOSED
R11-2L
48"X30"

BEGIN RIGHT TURN LANE
R3-20
24"X36"

LANE CLOSED
R11-2L
48"X30"

100' LANE SHIFT

STH 241 (S. 27TH ST.) SB

STH 241 (S. 27TH ST.) SB

1200+00 1201+00 1202+00 1203+00 1204+00 1205+00 1206+00 1207+00 1208+00 1209+00 1210+00 1211+00 1212+00 1213+00 1214+00

MATCH LINE STA. 1199+00

MATCH LINE STA. 1214+25

50' EXP

STH 241 (S. 27TH ST.) NB

STH 241 (S. 27TH ST.) NB

W. BARNARD AVE.

200'

LANE CLOSED
R11-2L
48"X30"

ROAD WORK AHEAD
W20-2A

W. LAYTON AVE.

LANE CLOSED
R11-2L
48"X30"

LANE CLOSED
R11-2L
48"X30"

100' LANE SHIFT

500'

END ROAD WORK
G20-2A
48"X24"

MATCHLINE STA. A-A

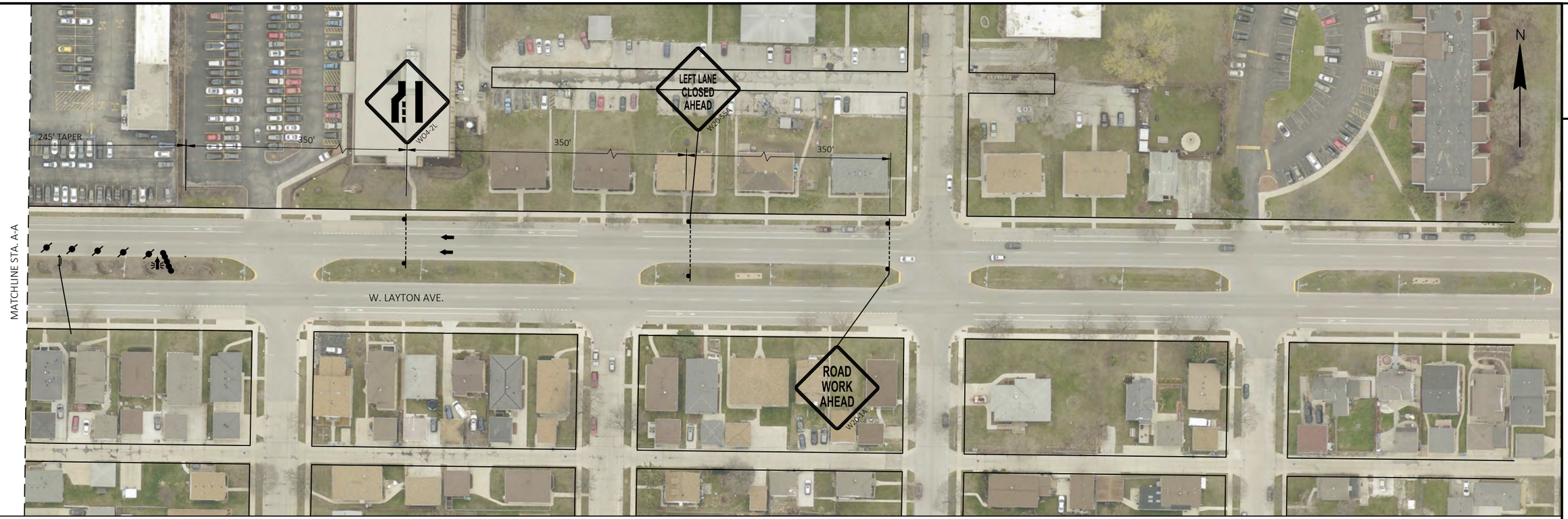
PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	TRAFFIC CONTROL -STAGE 1 -LAYTON CLOSURE A	SHEET 274	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\026002-S1_LAYTON FULL CLOSURE.DWG
LAYOUT NAME - 026005_s1a

PLOT DATE : 11/20/2024 3:24 PM PLOT BY : STRASSER, JEFFREY PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

2



LEGEND

- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- TRAFFIC CONTROL CONES 42-INCH
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- WORK AREA
- TRAFFIC CONTROL ARROW BOARDS

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	TRAFFIC CONTROL -STAGE 1 -LAYTON CLOSURE A	SHEET 275	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\026002-S1_LAYTON FULL CLOSURE.DWG
LAYOUT NAME - 026005A_s1a

PLOT DATE : 11/20/2024 3:24 PM PLOT BY : STRASSER, JEFFREY PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

LEGEND

- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- TRAFFIC CONTROL CONES 42-INCH
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- WORK AREA
- TRAFFIC CONTROL ARROW BOARDS

MATCHLINE STA. B-B

MB

ONLY ONLY
R3-8LR
36"X30"

LANE CLOSED
R11-2L
48"X30"

FRAME 1: ROAD TO CLOSE
FRAME 2: XXXDAY 10PM-5AM
PLACE SIGN 3 CALENDAR DAYS PRIOR TO ROAD CLOSURE

W. LAYTON AVE.

WO12-1D
48"X48"

PI: 1205+83.34

100' LANE SHIFT

BEGIN RIGHT TURN LANE
R3-2DR
24"X36"

STH 241 (S. 27TH ST.) SB

STH 241 (S. 27TH ST.) NB

50' XP

1200+00 1201+00 1202+00 1203+00 1204+00 1205+00 1206+00 1207+00 1208+00 1209+00 1210+00 1211+00 1212+00 1213+00 1214+00

MATCH LINE STA. 1199+00

MATCH LINE STA. 1214+25

W. BARNARD AVE.

200'

ROAD WORK AHEAD
W20-2A

END ROAD WORK
G20-2A
48"X24"

500'

MATCHLINE STA. A-A

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	TRAFFIC CONTROL -STAGE 1 -LAYTON CLOSURE B	SHEET 276	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\026002-S2_LAYTON FULL CLOSURE.DWG
LAYOUT NAME - 026005_s1a

PLOT DATE : 11/20/2024 3:25 PM PLOT BY : STRASSER, JEFFREY PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

2

2

245' TAPER

350'

350'

350'

W0H-2R

RIGHT LANE CLOSED AHEAD

W20-5R

ROAD WORK AHEAD

W20-1A

N

W. LAYTON AVE.

MATCHLINE STA. A-A

LEGEND

- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- TRAFFIC CONTROL CONES 42-INCH
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- WORK AREA
- TRAFFIC CONTROL ARROW BOARDS

LEFT LANE MUST TURN LEFT
R3-7L
30"X30"

LEFT LANE MUST TURN LEFT
R3-7L
30"X30"

W. LAYTON AVE.

MATCHLINE STA. B-B

RIGHT LANE MUST TURN RIGHT
R3-7R
30"X30"

RIGHT LANE MUST TURN RIGHT
R3-7R
30"X30"

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	TRAFFIC CONTROL -STAGE 1 -LAYTON CLOSURE B	SHEET 277	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\026002-S2_LAYTON FULL CLOSURE.DWG
LAYOUT NAME - 026005A_s1a

PLOT DATE : 11/20/2024 3:25 PM PLOT BY : STRASSER, JEFFREY PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

2

LEGEND

- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- TRAFFIC CONTROL CONES 42-INCH
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- WORK AREA
- TRAFFIC CONTROL ARROW BOARDS

N

LANE CLOSED R11-2L 48"X30"

W. LAYTON AVE.

LANE CLOSED R11-2L 48"X30"

LANE CLOSED R11-2L 48"X30"

LANE CLOSED R11-2L 48"X30"

BEGIN RIGHT TURN LANE R3-2D 24"X36"

LANE CLOSED R11-2L 48"X30"

100' LANE SHIFT

STH 241 (S. 27TH ST.) SB

MATCH LINE STA. 1199+00

1200+00 1201+00 1202+00 1203+00 1204+00 1205+00 1206+00 1207+00 1208+00 1209+00 1210+00 1211+00 1212+00 1213+00 1214+00

MATCH LINE STA. 1214+25

10'

50' XYP

STH 241 (S. 27TH ST.) NB

W. BARNARD AVE.

200'

LANE CLOSED R11-2L 48"X30"

ROAD WORK AHEAD W20-2A

W. LAYTON AVE.

LANE CLOSED R11-2L 48"X30"

ROAD CLOSED R11-2 48"X30"

FRAME 1 ROAD TO CLOSE

FRAME 2 XXXDAY 10PM-5AM

PLACE SIGN 3 CALENDAR DAYS PRIOR TO ROAD CLOSURE

MB

STH 241 (S. 27TH ST.) NB

100' LANE SHIFT

500'

END ROAD WORK G20-2A 48"X24"

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	TRAFFIC CONTROL -STAGE 1 -LAYTON CLOSURE C	SHEET 278	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\026002-S3_LAYTON FULL CLOSURE.DWG
LAYOUT NAME - 026005_s1a

PLOT DATE : 11/20/2024 3:26 PM PLOT BY : STRASSER, JEFFREY PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

2

2

MATCH LINE C-C

320' TAPER

640'

320' TAPER

MATCH LINE STA. 1214+25

1215+00 1216+00 1217+00 1218+00 1219+00 1220+00 1221+00 1222+00 1223+00 1224+00 1225+00 1226+00 1227+00 1228+00 1229+00

12' 12' 12'

350' 350' 350'

IH -41

STH 241 (S. 27TH ST.) NB

IH -41

LANE CLOSED
R11-2L
48"X30"

ROAD WORK AHEAD
W20-1A

300'

W04-2L

LEFT LANE CLOSED AHEAD
W20-5A

ROAD WORK AHEAD
W20-1A

W04-2L

N

MATCH LINE C-C

300'

LANE CLOSED
R11-2L
48"X30"

ROAD WORK AHEAD
W20-1A

IH -41

LEGEND

- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- TRAFFIC CONTROL CONES 42-INCH
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	TRAFFIC CONTROL - STAGE 1 - OFF PEAK HOURS	SHEET 279	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\026002-S1B.DWG
LAYOUT NAME - 026006_s1a

PLOT DATE : 11/20/2024 3:26 PM PLOT BY : STRASSER, JEFFREY PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

2

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	TRAFFIC CONTROL - GRANGE AVE BASE PATCHING	SHEET 280	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\026005-GRANGE.DWG
LAYOUT NAME - 026001_s1a

PLOT DATE : 11/20/2024 3:27 PM PLOT BY : STRASSER, JEFFREY PLOT NAME : PLOT SCALE : ##########

WISDOT/CADDS SHEET 44

2

2

LANE CLOSED
R11-2L
48"X30"

S. 26TH ST

S. 25TH ST

N

W. GRANGE AVE

W. GRANGE AVE

W4-4R

RIGHT LANE CLOSED AHEAD
W20-5A

ROAD WORK AHEAD
W20-1A

125'

25'

25'

200'

200'

200'

LEGEND

TYPE III BARRICADE WTH ATTACHED SIGN

TRAFFIC CONTROL DRUM

TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT

SIGN ON PERMANENT SUPPORT

DIRECTION OF TRAFFIC

WORK AREA

LANE CLOSED
R11-2L
48"X30"

S. 26TH ST

S. 25TH ST

W. GRANGE AVE

W. GRANGE AVE

W4-2L

LEFT LANE CLOSED AHEAD
W20-5A

ROAD WORK AHEAD
W20-1A

200'

200'

200'

25'

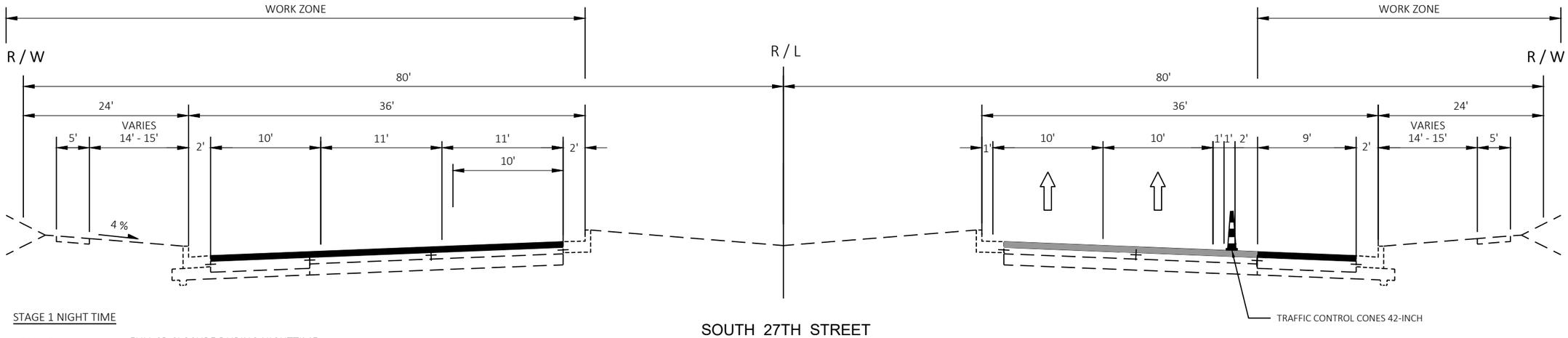
125'

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	TRAFFIC CONTROL - GRANGE AVE BASE PATCHING	SHEET 281	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\026005-GRANGE.DWG
LAYOUT NAME - 026002_s1a

PLOT DATE : 11/20/2024 3:27 PM PLOT BY : STRASSER, JEFFREY PLOT NAME : PLOT SCALE : ##########

WISDOT/CADDS SHEET 44



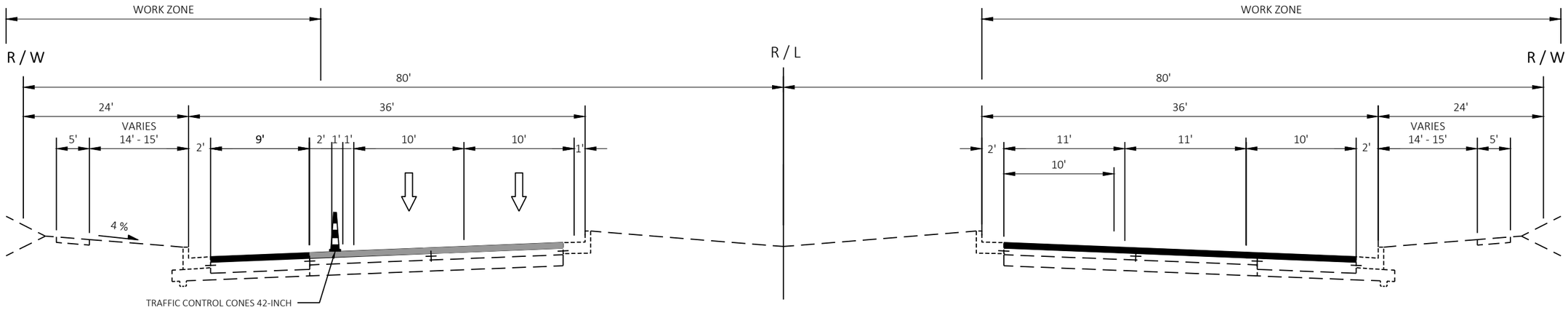
STAGE 1 NIGHT TIME

TRAFFIC
- FULL SB CLOSURE DURING NIGHTTIME WORK ALLOWED IN ONE DIRECTION AT A TIME
- TRAFFIC ON 2 INSIDE LANES OF STH 241 NB
- DETOUR SB TRAFFIC FOLLOWING DETOUR ROUTE

CONSTRUCTION
- BASE PATCH, MILL & OVERLAY, AND C&G REPLACEMENT ON SB SIDE

SOUTH 27TH STREET

STAGE 1 - NIGHTTIME SB FULL CLOSURE
W. COLLEGE AVE - W. LAYTON AVE
STA 1103+55 - STA 1210+09



STAGE 1 NIGHTTIME

TRAFFIC
- FULL NB CLOSURE DURING NIGHTTIME WORK ALLOWED IN ONE DIRECTION AT A TIME
- TRAFFIC ON 2 INSIDE LANES OF STH 241 SB
- DETOUR NB TRAFFIC FOLLOWING DETOUR ROUTE

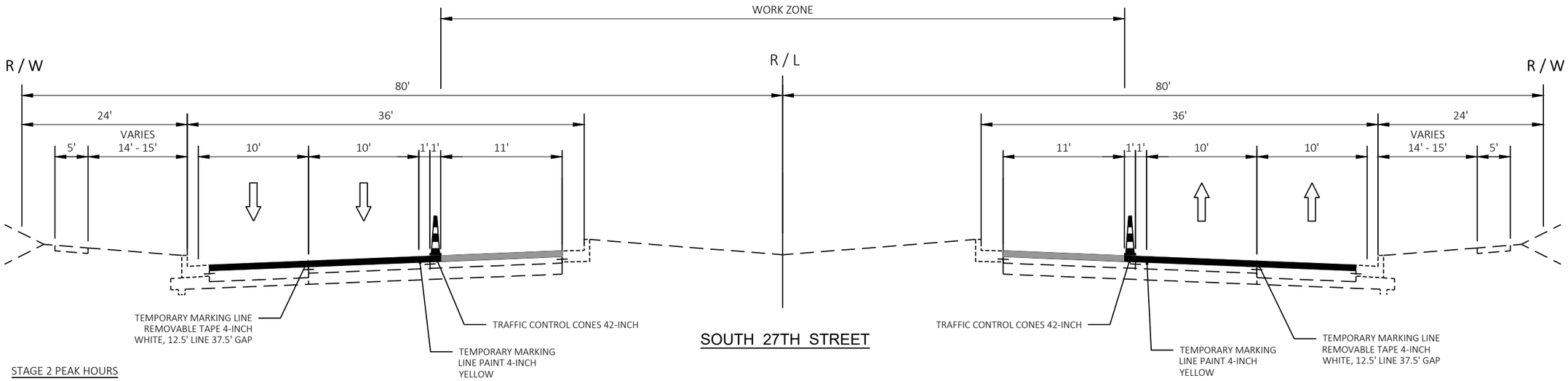
CONSTRUCTION
- BASE PATCH, MILL & OVERLAY, AND C&G REPLACEMENT ON NB SIDE

SOUTH 27TH STREET

STAGE 1 - NIGHTTIME NB FULL CLOSURE
W. COLLEGE AVE - W. LAYTON AVE
STA 1103+55 - STA 1210+09

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	TRAFFIC CONTROL - NIGHTTIME FULL CLOSURES	SHEET 282	E

2



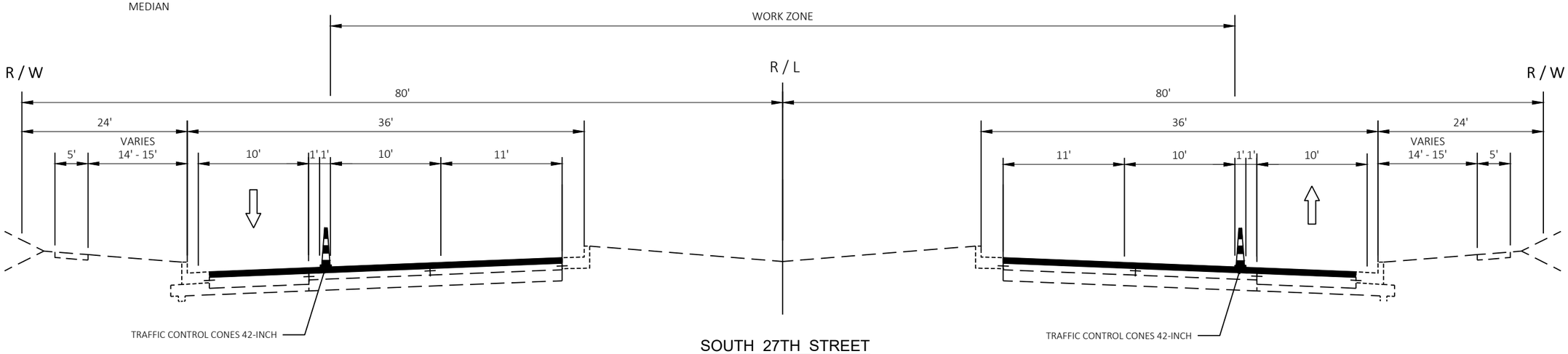
SOUTH 27TH STREET

STAGE 2 - PEAK HOURS
W. COLLEGE AVE - W. LAYTON AVE
STA 1103+55 - STA 1210+09

STAGE 2 PEAK HOURS

TRAFFIC
- INSIDE LANE OF STH 241 NB AND SB CLOSED
- TRAFFIC ON 2 OUTSIDE LANES OF STH 241 NB AND SB

CONSTRUCTION
- BASE PATCH AND MILL & OVERLAY INSIDE LANE, REPLACE C&G AT MEDIAN



SOUTH 27TH STREET

STAGE 2 - NON-PEAK HOURS
W. COLLEGE AVE - W. LAYTON AVE
STA 1103+55 - STA 1210+09

STAGE 2 NON-PEAK HOURS

TRAFFIC
- INSIDE 2 LANES OF STH 241 NB AND SB CLOSED
- TRAFFIC ON OUTSIDE LANE OF STH 241 NB AND SB

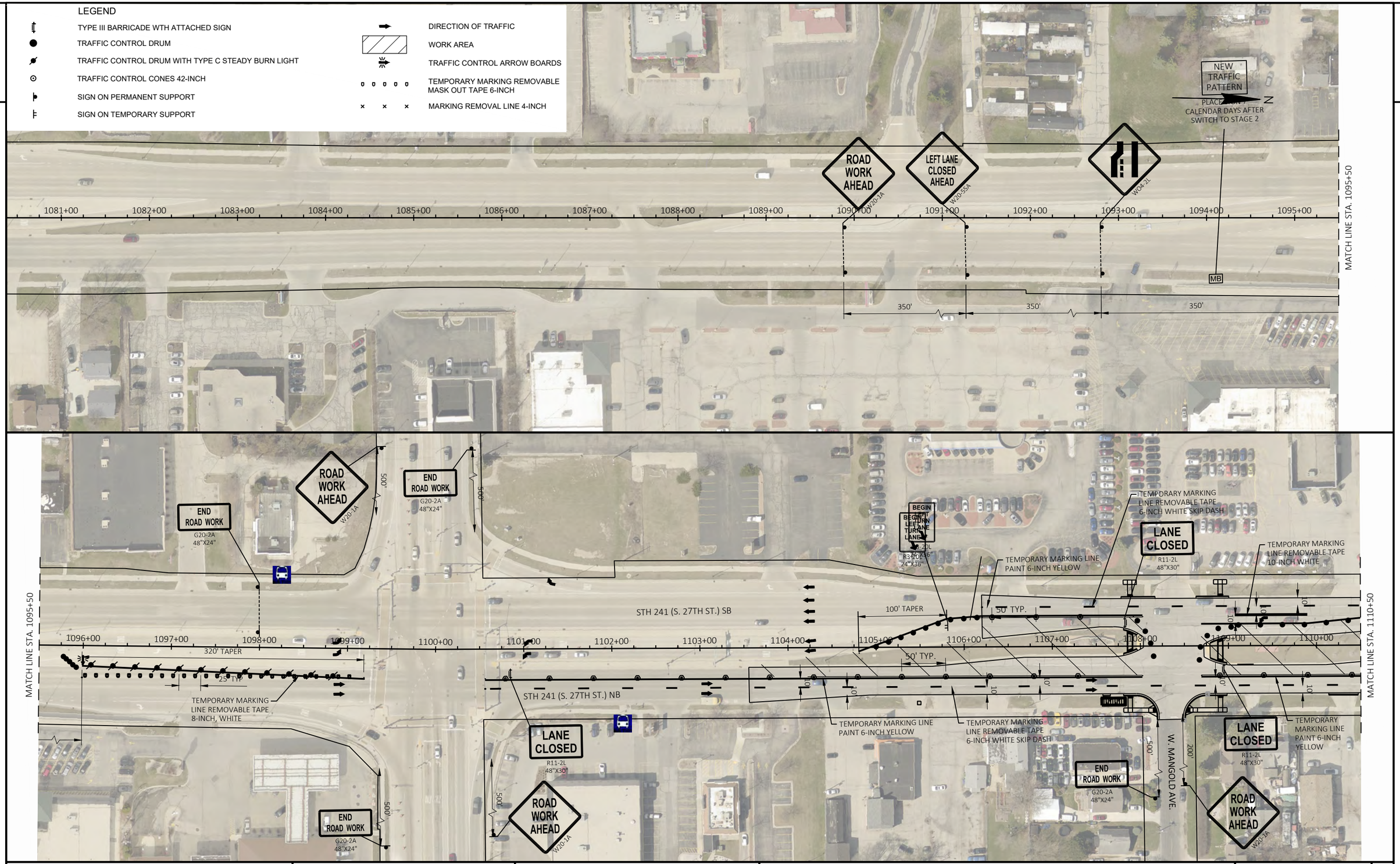
CONSTRUCTION
- BASE PATCH INSIDE LANE, MILL & OVERLAY INSIDE LANE. REPLACE C&G AT MEDIAN

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	TRAFFIC CONTROL - STAGE 2	SHEET 283	E

2

LEGEND

- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- TRAFFIC CONTROL CONES 42-INCH
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- WORK AREA
- TRAFFIC CONTROL ARROW BOARDS
- TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
- MARKING REMOVAL LINE 4-INCH



PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	TRAFFIC CONTROL - STAGE 2 - PEAK HOURS	SHEET 284	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\026003-S2A.DWG
LAYOUT NAME - 026001_s1a

PLOT DATE : 11/20/2024 3:27 PM PLOT BY : STRASSER, JEFFREY PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

2

2

MATCH LINE STA. 1110+50

MATCH LINE STA. 1125+50

MATCH LINE STA. 1125+50

MATCH LINE STA. 1140+50

BEGIN LEFT TURN LANE
R3-20L
24"X36"

TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH WHITE SKIP DASH

TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH WHITE

ROAD WORK AHEAD
W20-1A

LANE CLOSED
R11-2L
48"X30"

S. HONEYCREEK DR.

200'

500'

END ROAD WORK
G20-2A
48"X24"

STH 241 (S. 27TH ST.) SB

STH 241 (S. 27TH ST.) NB

10'

25' TYP

TEMPORARY MARKING LINE PAINT 6-INCH YELLOW

TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH WHITE

1111+00
1112+00
1113+00
1114+00
1115+00
1116+00
1117+00
1118+00
1119+00
1120+00
1121+00
1122+00
1123+00
1124+00
1125+00

W. RAMSEY AVE.

W. GOLDCREST AVE.

W. PARNELL AVE.

50' TYP

1126+00
1127+00
1128+00
1129+00
1130+00
1131+00
1132+00
1133+00
1134+00
1135+00
1136+00
1137+00
1138+00
1139+00
1140+00

LEGEND

- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- TRAFFIC CONTROL CONES 42-INCH
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- WORK AREA
- TRAFFIC CONTROL ARROW BOARDS
- TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
- MARKING REMOVAL LINE 4-INCH

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	TRAFFIC CONTROL - STAGE 2 - PEAK HOURS	SHEET 285	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\026003-S2A.DWG
LAYOUT NAME - 026002_s1a

PLOT DATE : 11/20/2024 3:27 PM PLOT BY : STRASSER, JEFFREY PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

2

2

MATCH LINE STA. 1140+50

MATCH LINE STA. 1155+50

MATCH LINE STA. 1155+50

MATCH LINE STA. 1170+50

TEMPORARY MARKING LINE PAINT 6-INCH YELLOW

BEGIN LEFT TURN LANE R3-20L 24"X36"

TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH WHITE SKIP DASH

ROAD WORK AHEAD W20-1A

LANE CLOSED R11-2L 48"X30"

END ROAD WORK G20-2A 48"X24"

W. GRANGE AVE.

W. MALLORY AVE.

W. UPHAM AVE.

W. CLAYTON CREST AVE.

STH 241 (S. 27TH ST.) SB

STH 241 (S. 27TH ST.) NB

1141+00 1142+00 1143+00 1144+00 1145+00 1146+00 1147+00 1148+00 1149+00 1150+00 1151+00 1152+00 1153+00 1154+00 1155+00

1156+00 1157+00 1158+00 1159+00 1160+00 1161+00 1162+00 1163+00 1164+00 1165+00 1166+00 1167+00 1168+00 1169+00 1170+00

10'

200'

500'

50' TYP

LEGEND

- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- TRAFFIC CONTROL CONES 42-INCH
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- WORK AREA
- TRAFFIC CONTROL ARROW BOARDS
- TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
- MARKING REMOVAL LINE 4-INCH

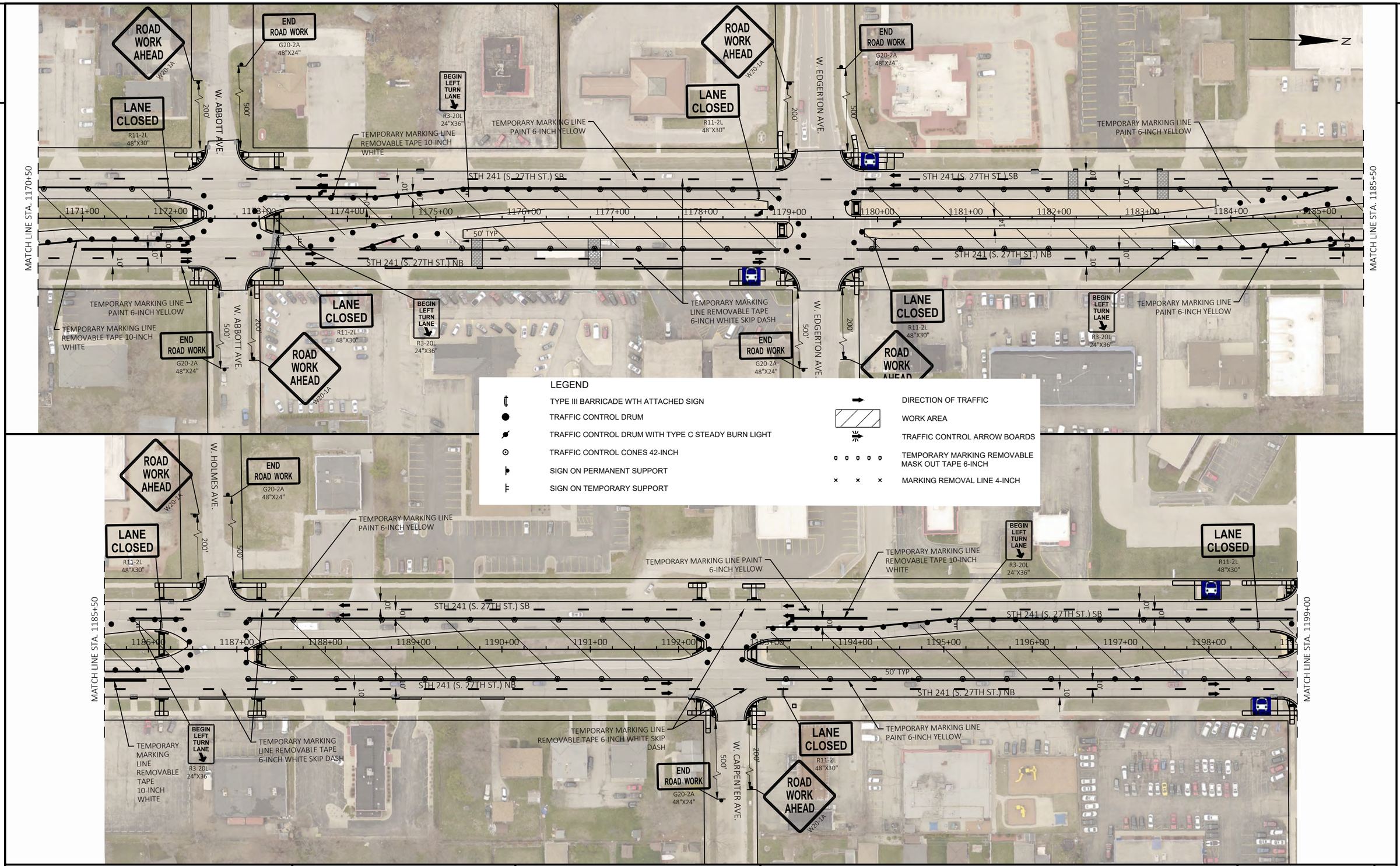
PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	TRAFFIC CONTROL - STAGE 2 - PEAK HOURS	SHEET 286	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\026003-S2A.DWG
LAYOUT NAME - 026003_s1a

PLOT DATE : 11/20/2024 3:27 PM PLOT BY : STRASSER, JEFFREY PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

2



2

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	TRAFFIC CONTROL - STAGE 2 - PEAK HOURS	SHEET 287	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\026003-S2A.DWG
LAYOUT NAME - 026004_s1a
PLOT DATE : 11/20/2024 3:27 PM
PLOT BY : STRASSER, JEFFREY
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44

2

LEGEND

- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- TRAFFIC CONTROL CONES 42-INCH
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- WORK AREA
- TRAFFIC CONTROL ARROW BOARDS
- TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
- MARKING REMOVAL LINE 4-INCH

N

MATCH LINE STA. 1199+00

MATCH LINE STA. 1214+25

W. BARNARD AVE.

W. LAYTON AVE.

STH 241 (S. 27TH ST.) NB

STH 241 (S. 27TH ST.) SB

1200+00 1201+00 1202+00 1203+00 1204+00 1205+00 1206+00 1207+00 1208+00 1209+00 1210+00 1211+00 1212+00 1213+00 1214+00

50' TYP

ROAD WORK AHEAD W20-1A

BEGIN LEFT TURN LANE R3-20L 24"X36"

LANE CLOSED R11-2L 48"X30"

END ROAD WORK G20-2A 48"X24"

TEMPORARY MARKING LINE PAINT 6-INCH YELLOW

TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH WHITE

TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH YELLOW

TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH WHITE SKIP DASH

40' LANE SHIFT

100' LANE SHIFT

500'

200'

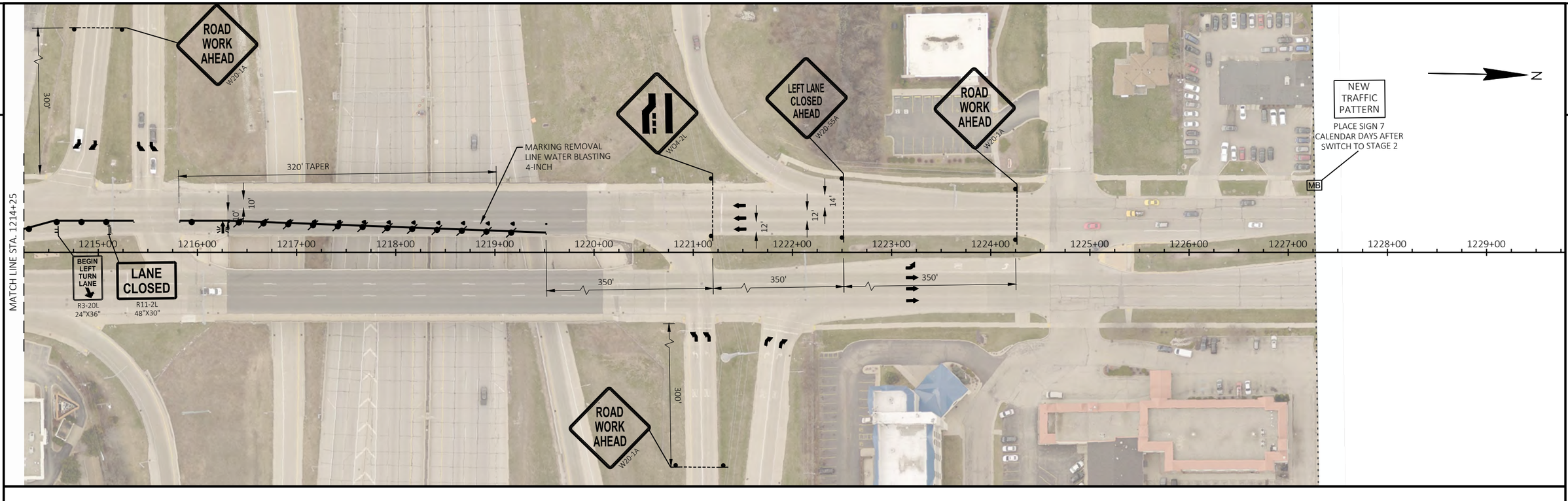
10'

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	TRAFFIC CONTROL - STAGE 2 - PEAK HOURS	SHEET 288	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\026003-S2A.DWG
LAYOUT NAME - 026005_s1a

PLOT DATE : 11/20/2024 3:28 PM PLOT BY : STRASSER, JEFFREY PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

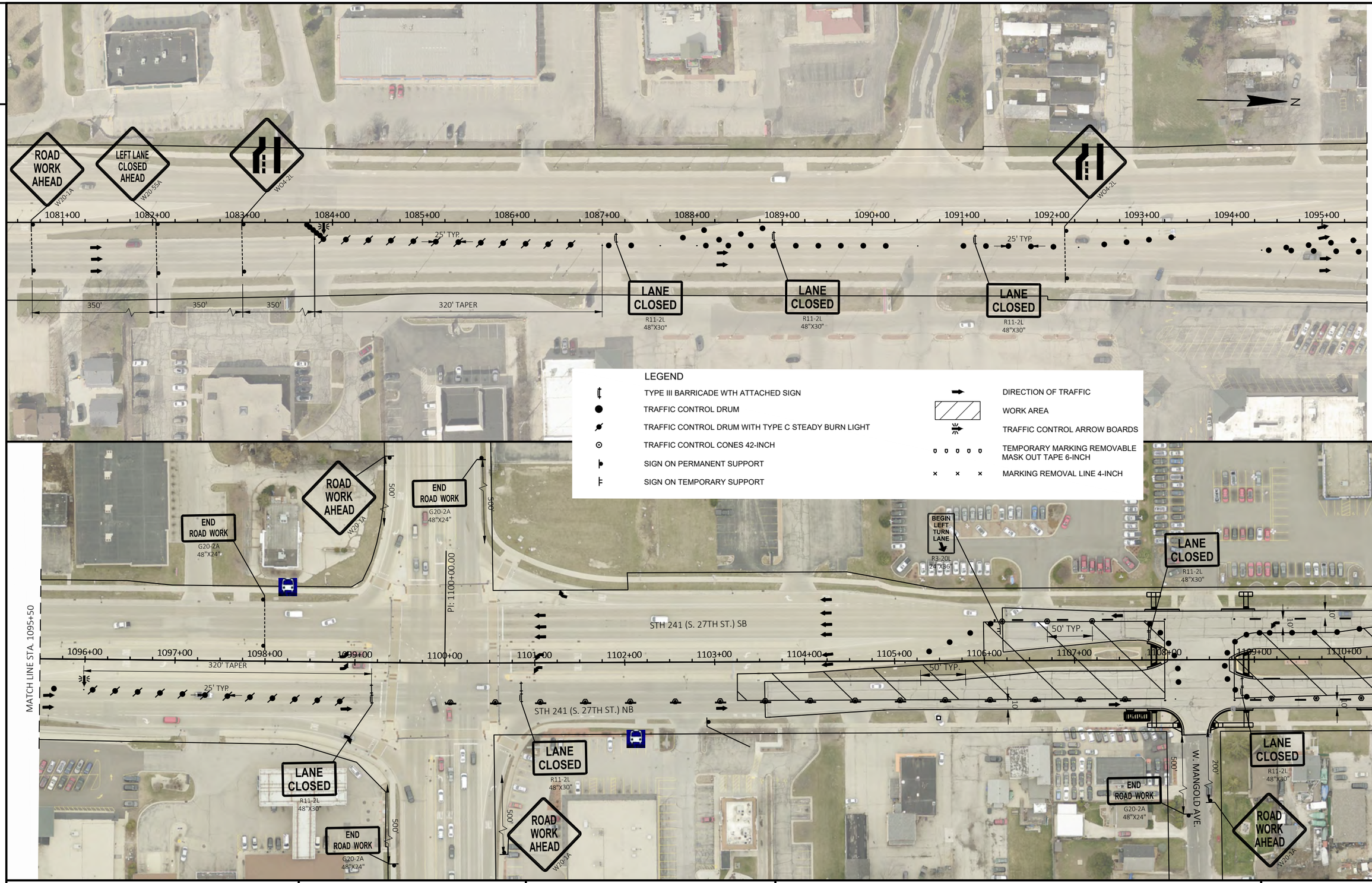


LEGEND

- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- TRAFFIC CONTROL CONES 42-INCH
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- WORK AREA
- TRAFFIC CONTROL ARROW BOARDS
- TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
- MARKING REMOVAL LINE 4-INCH

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	TRAFFIC CONTROL - STAGE 2 - PEAK HOURS	SHEET 289	E

2



PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	TRAFFIC CONTROL - STAGE 2 - NON PEAK HOURS	SHEET 290	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\026004-S2B.DWG
LAYOUT NAME - 026001_s1a

PLOT DATE : 11/20/2024 3:28 PM PLOT BY : STRASSER, JEFFREY PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

2

MATCH LINE STA. 1110+50

MATCH LINE STA. 1125+50

MATCH LINE STA. 1125+50

MATCH LINE STA. 1140+50

BEGIN LEFT TURN LANE
R3-20L
24"X36"

LANE CLOSED
R11-2L
48"X30"

ROAD WORK AHEAD
W20-1A

END ROAD WORK
G20-2A
48"X24"

200'

500'

10'

50' TYP

S. HONEYCREEK DR.

STH 241 (S. 27TH ST.) SB

STH 241 (S. 27TH ST.) NB

1111+00 1112+00 1113+00 1114+00 1115+00 1116+00 1117+00 1118+00 1119+00 1120+00 1121+00 1122+00 1123+00 1124+00 1125+00

1126+00 1127+00 1128+00 1129+00 1130+00 1131+00 1132+00 1133+00 1134+00 1135+00 1136+00 1137+00 1138+00 1139+00 1140+00

W. RAMSEY AVE.

W. GOLDCREST AVE.

W. PARNELL AVE.

N

LEGEND

- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- TRAFFIC CONTROL CONES 42-INCH
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- WORK AREA
- TRAFFIC CONTROL ARROW BOARDS

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	TRAFFIC CONTROL - STAGE 2 - NON PEAK HOURS	SHEET 291	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\026004-S2B.DWG
LAYOUT NAME - 026002_s1a

PLOT DATE : 11/20/2024 3:28 PM PLOT BY : STRASSER, JEFFREY PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

LEGEND

- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- TRAFFIC CONTROL CONES 42-INCH
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- WORK AREA
- TRAFFIC CONTROL ARROW BOARDS

MATCH LINE STA. 1140+50

STH 241 (S. 27TH ST.) NB

STH 241 (S. 27TH ST.) SB

1141+00 1142+00 1143+00 1144+00 1145+00 1146+00 1147+00 1148+00 1149+00 1150+00 1151+00 1152+00 1153+00 1154+00 1155+00

LANE CLOSED R11-2L 48"X30"

BEGIN LEFT TURN LANE R3-20L 24"X36"

ROAD WORK AHEAD W20-1A

END ROAD WORK G20-2A 48"X24"

W. GRANGE AVE.

500'

200'

10'

50' TYP

MATCH LINE STA. 1155+50

STH 241 (S. 27TH ST.) NB

STH 241 (S. 27TH ST.) SB

1156+00 1157+00 1158+00 1159+00 1160+00 1161+00 1162+00 1163+00 1164+00 1165+00 1166+00 1167+00 1168+00 1169+00 1170+00

LANE CLOSED R11-2L 48"X30"

BEGIN LEFT TURN LANE R3-20L 24"X36"

ROAD WORK AHEAD W20-1A

END ROAD WORK G20-2A 48"X24"

W. MALLORY AVE.

W. CLAYTON CRAST AVE.

W. UPHAM AVE.

500'

200'

10'

50' TYP

TEMPORARY MARKING LINE REMOVABLE TAPE 8-INCH WHITE

MATCH LINE STA. 1170+50

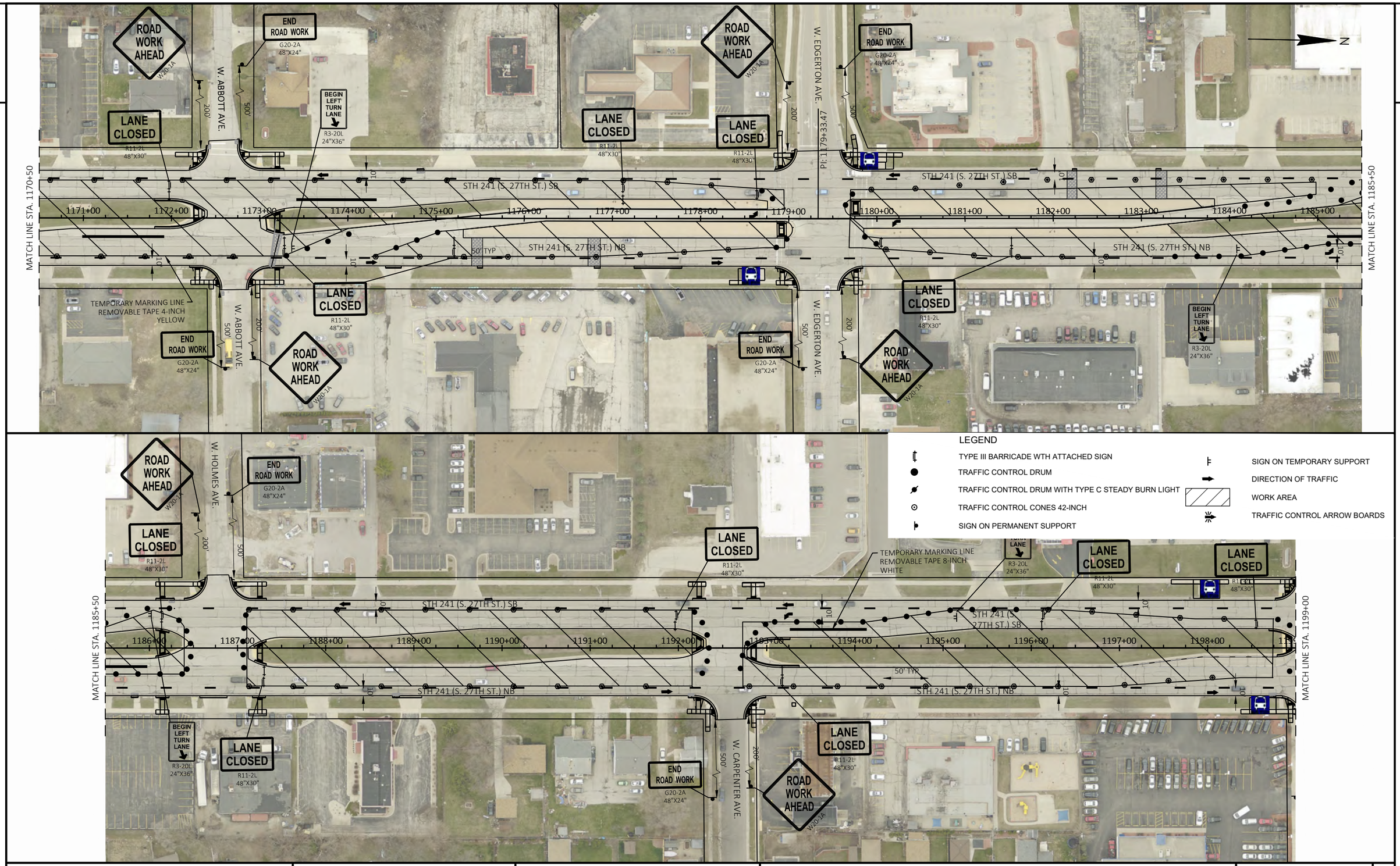
PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	TRAFFIC CONTROL - STAGE 2 - NON PEAK HOURS	SHEET 292	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\026004-S2B.DWG
LAYOUT NAME - 026003_s1a

PLOT DATE : 11/20/2024 3:28 PM PLOT BY : STRASSER, JEFFREY PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

2



LEGEND

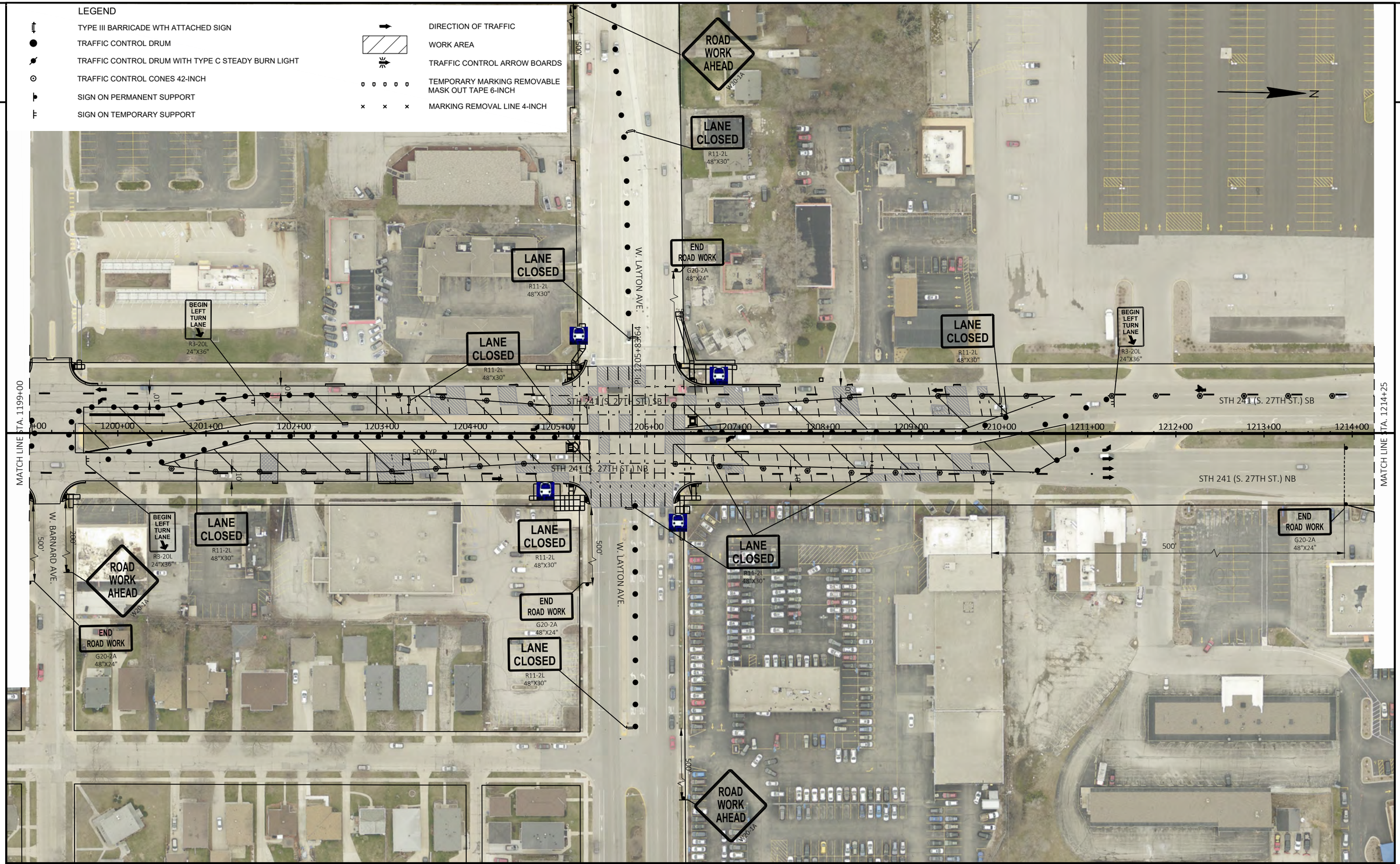
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- TRAFFIC CONTROL CONES 42-INCH
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- WORK AREA
- TRAFFIC CONTROL ARROW BOARDS

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	TRAFFIC CONTROL - STAGE 2 - NON PEAK HOURS	SHEET 293	E

2

LEGEND

- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- TRAFFIC CONTROL CONES 42-INCH
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- WORK AREA
- TRAFFIC CONTROL ARROW BOARDS
- TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
- MARKING REMOVAL LINE 4-INCH



PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	TRAFFIC CONTROL - STAGE 2 - NON PEAK HOURS	SHEET 294	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\026004-S2B.DWG
LAYOUT NAME - 026005_s1a

PLOT DATE : 11/20/2024 3:29 PM PLOT BY : STRASSER, JEFFREY PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

2

2

MATCHLINE A-A

MATCH LINE STA. 1214+25

320' TAPER

W04-2L

LEFT LANE CLOSED AHEAD

W20-5A

ROAD WORK AHEAD

W20-1A

12'

14'

1215+00 1216+00 1217+00 1218+00 1219+00 1220+00 1221+00 1222+00 1223+00 1224+00 1225+00 1226+00 1227+00 1228+00 1229+00

350' 350' 350'

LANE CLOSED

R11-2L

48"X30"

MATCHLINE B-B

N

MATCHLINE A-A

LANE CLOSED

R11-2L

48"X30"

ROAD WORK AHEAD

W20-1A

350'

350'

LANE CLOSED

R11-2L

48"X30"

ROAD WORK AHEAD

W20-1A

MATCHLINE B-B

N

LEGEND

- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- TRAFFIC CONTROL CONES 42-INCH
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- WORK AREA
- TRAFFIC CONTROL ARROW BOARDS
- TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH
- MARKING REMOVAL LINE 4-INCH

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	TRAFFIC CONTROL - STAGE 2 - NON PEAK HOURS	SHEET 295	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\026004-S2B.DWG
LAYOUT NAME - 026006_s1a

PLOT DATE : 11/20/2024 3:29 PM PLOT BY : STRASSER, JEFFREY PLOT NAME : PLOT SCALE : 1 IN:100 FT

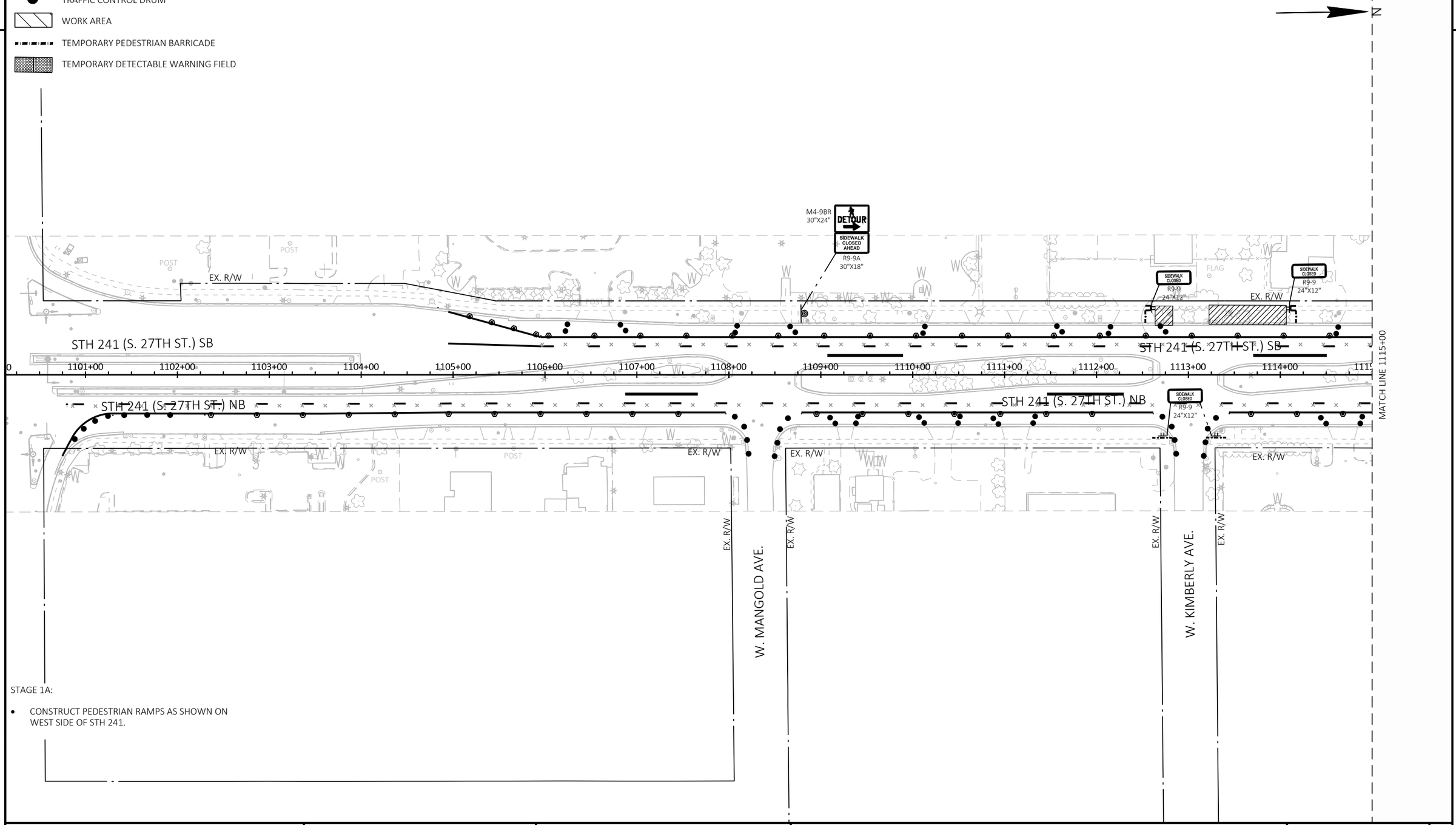
WISDOT/CADDS SHEET 44

2

LEGEND

- SIGN ON TEMPORARY SUPPORT
- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- WORK AREA
- TEMPORARY PEDESTRIAN BARRICADE
- TEMPORARY DETECTABLE WARNING FIELD

NOTE:
1. LANE CLOSURES ARE SHOWN FOR REFERENCE ONLY. SEE STAGING PLANS.
2. INSTALL WEDGING FOR RAMPS ADJACENT TO ANY MILLED SURFACE. PAID FOR AS TEMPORARY PEDESTRIAN SURFACE ASPHALT



STAGE 1A:

- CONSTRUCT PEDESTRIAN RAMPS AS SHOWN ON WEST SIDE OF STH 241.

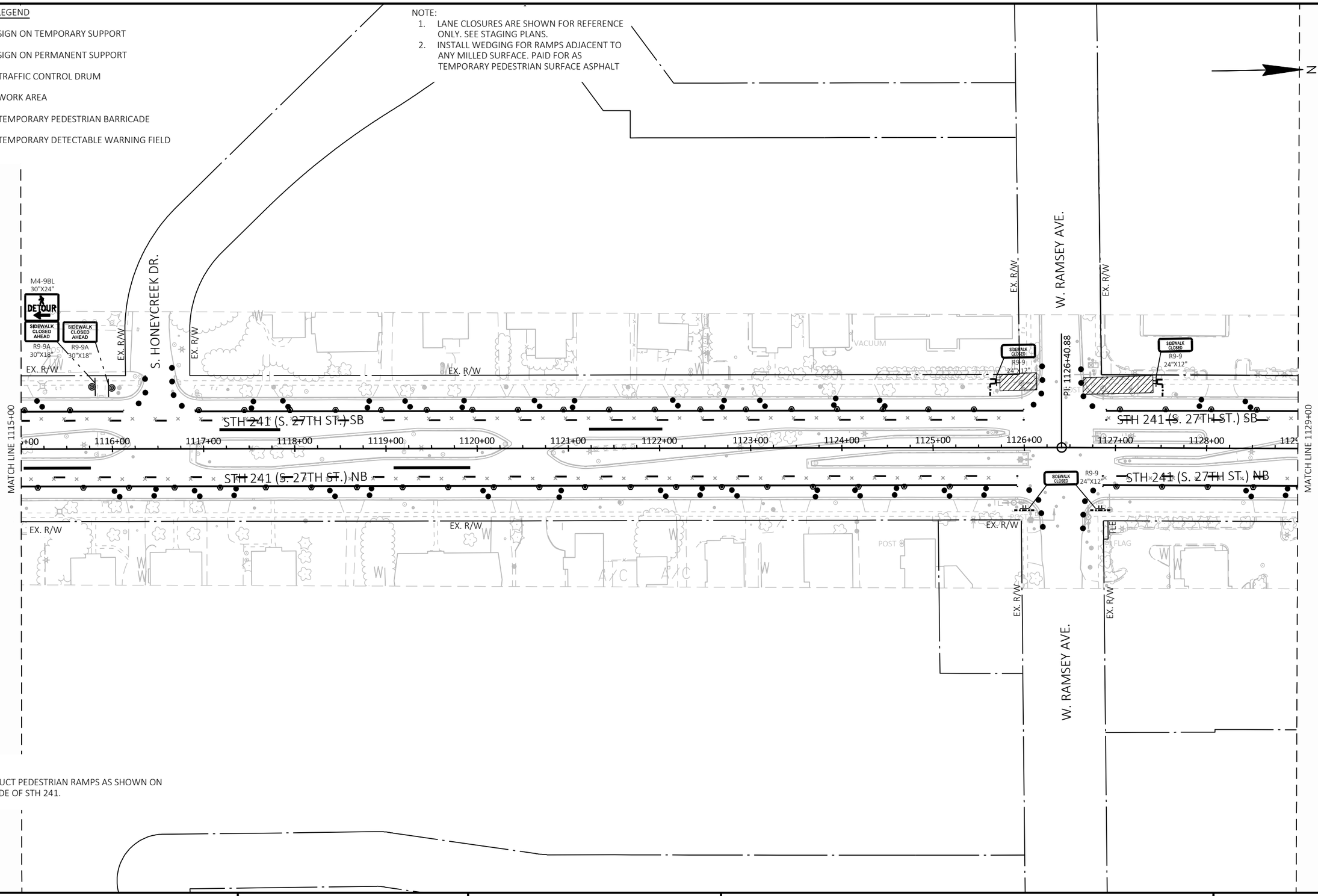
PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	PEDESTRIAN DETOUR - STAGE 1A	SHEET 296	E

2

LEGEND

- SIGN ON TEMPORARY SUPPORT
- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- WORK AREA
- TEMPORARY PEDESTRIAN BARRICADE
- TEMPORARY DETECTABLE WARNING FIELD

NOTE:
1. LANE CLOSURES ARE SHOWN FOR REFERENCE ONLY. SEE STAGING PLANS.
2. INSTALL WEDGING FOR RAMPS ADJACENT TO ANY MILLED SURFACE. PAID FOR AS TEMPORARY PEDESTRIAN SURFACE ASPHALT



STAGE 1A:

- CONSTRUCT PEDESTRIAN RAMPS AS SHOWN ON WEST SIDE OF STH 241.

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	PEDESTRIAN DETOUR - STAGE 1A	SHEET 297	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\025001-PED.DWG
LAYOUT NAME - 02
PLOT DATE : 11/20/2024 3:29 PM
PLOT BY : STRASSER, JEFFREY
PLOT NAME :
PLOT SCALE : 1 IN:100 FT

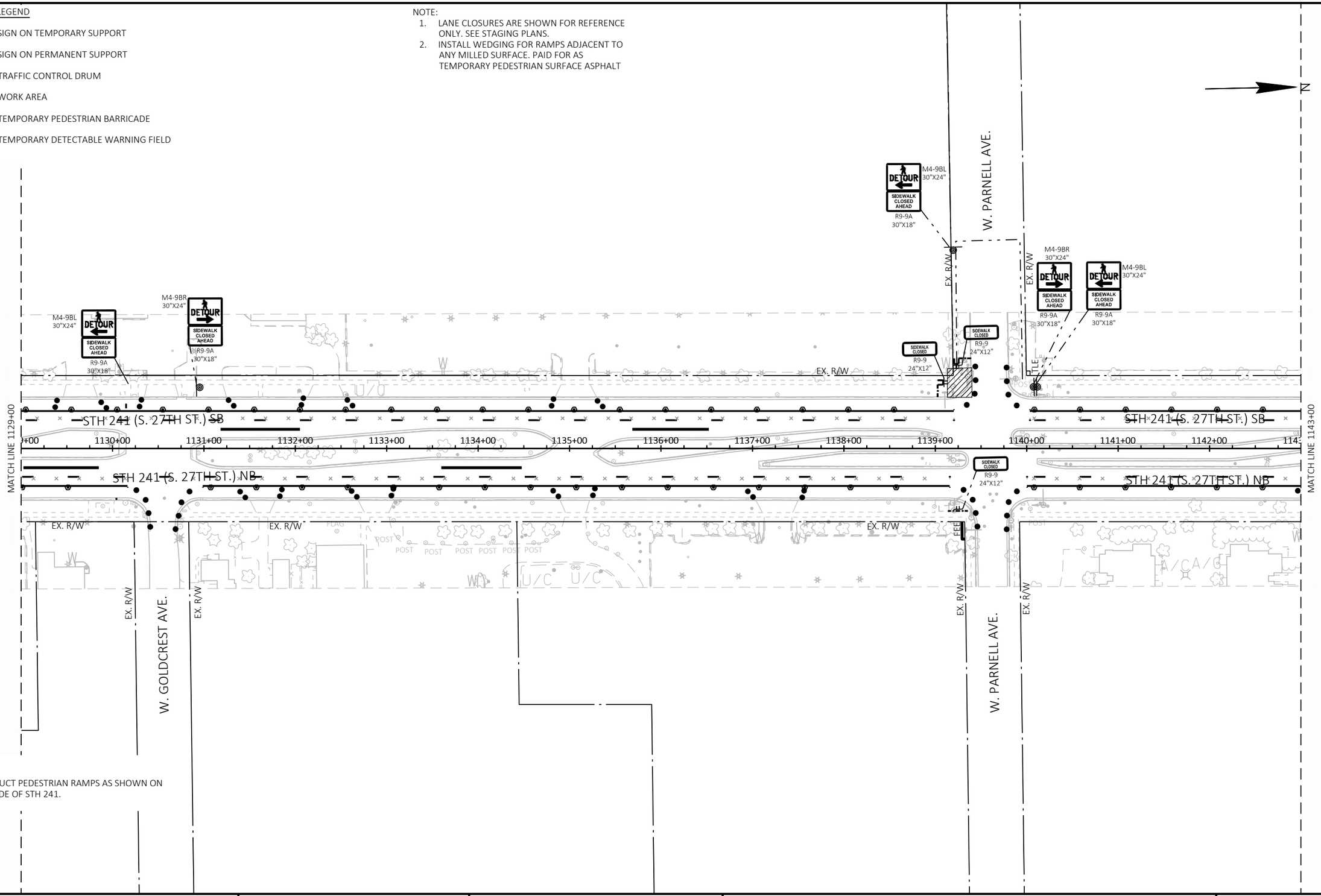
2

LEGEND

- SIGN ON TEMPORARY SUPPORT
- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- WORK AREA
- TEMPORARY PEDESTRIAN BARRICADE
- TEMPORARY DETECTABLE WARNING FIELD

NOTE:

1. LANE CLOSURES ARE SHOWN FOR REFERENCE ONLY. SEE STAGING PLANS.
2. INSTALL WEDGING FOR RAMPS ADJACENT TO ANY MILLED SURFACE. PAID FOR AS TEMPORARY PEDESTRIAN SURFACE ASPHALT



STAGE 1A:

- CONSTRUCT PEDESTRIAN RAMPS AS SHOWN ON WEST SIDE OF STH 241.

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	PEDESTRIAN DETOUR - STAGE 1A	SHEET 298	E

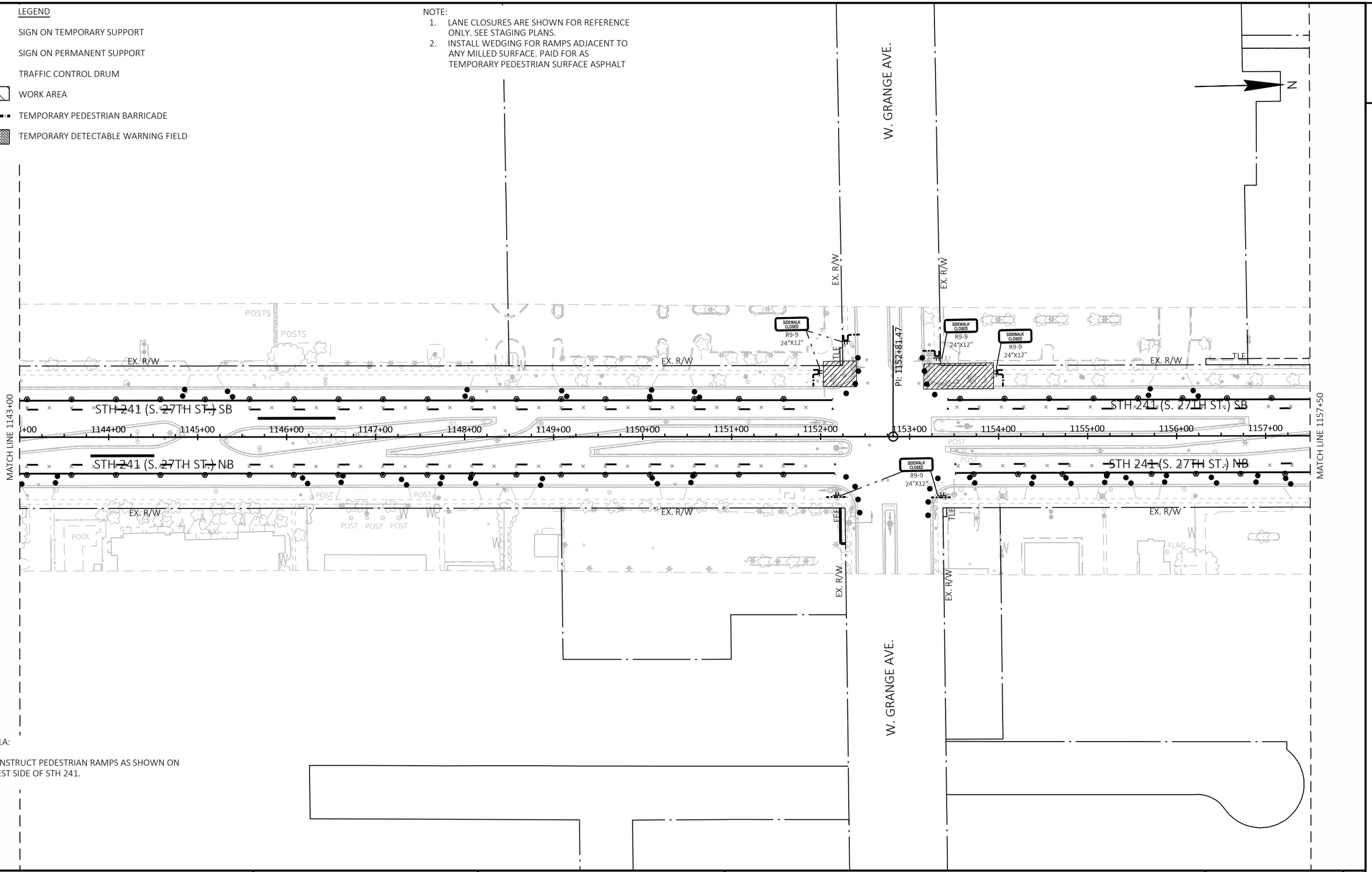
FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\025001-PED.DWG
LAYOUT NAME - 03
PLOT DATE : 11/20/2024 3:29 PM
PLOT BY : STRASSER, JEFFREY
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

2

LEGEND

- SIGN ON TEMPORARY SUPPORT
- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- WORK AREA
- TEMPORARY PEDESTRIAN BARRICADE
- TEMPORARY DETECTABLE WARNING FIELD

NOTE:
1. LANE CLOSURES ARE SHOWN FOR REFERENCE ONLY. SEE STAGING PLANS.
2. INSTALL WEDGING FOR RAMPS ADJACENT TO ANY MILLED SURFACE. PAID FOR AS TEMPORARY PEDESTRIAN SURFACE ASPHALT



STAGE 1A:

- CONSTRUCT PEDESTRIAN RAMPS AS SHOWN ON WEST SIDE OF STH 241.

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	PEDESTRIAN DETOUR - STAGE 1A	SHEET 299	E

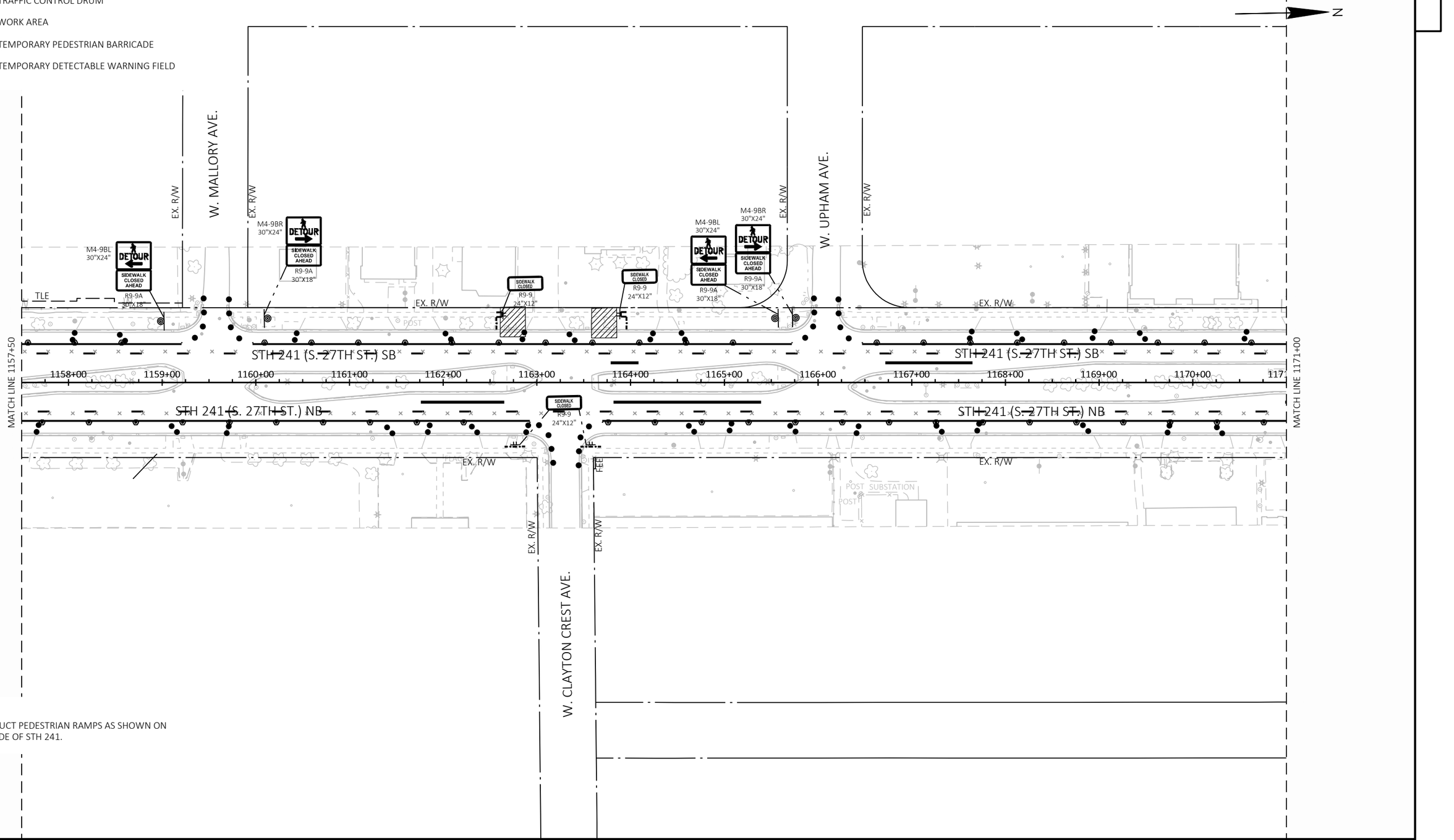
FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\025001-PED.DWG
LAYOUT NAME - 04
PLOT DATE : 11/20/2024 3:29 PM PLOT BY : STRASSER, JEFFREY PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

LEGEND

- SIGN ON TEMPORARY SUPPORT
- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- WORK AREA
- TEMPORARY PEDESTRIAN BARRICADE
- TEMPORARY DETECTABLE WARNING FIELD

NOTE:
1. LANE CLOSURES ARE SHOWN FOR REFERENCE ONLY. SEE STAGING PLANS.
2. INSTALL WEDGING FOR RAMPS ADJACENT TO ANY MILLED SURFACE. PAID FOR AS TEMPORARY PEDESTRIAN SURFACE ASPHALT



STAGE 1A:

- CONSTRUCT PEDESTRIAN RAMPS AS SHOWN ON WEST SIDE OF STH 241.

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	PEDESTRIAN DETOUR - STAGE 1A	SHEET 300	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\025001-PED.DWG
LAYOUT NAME - 05

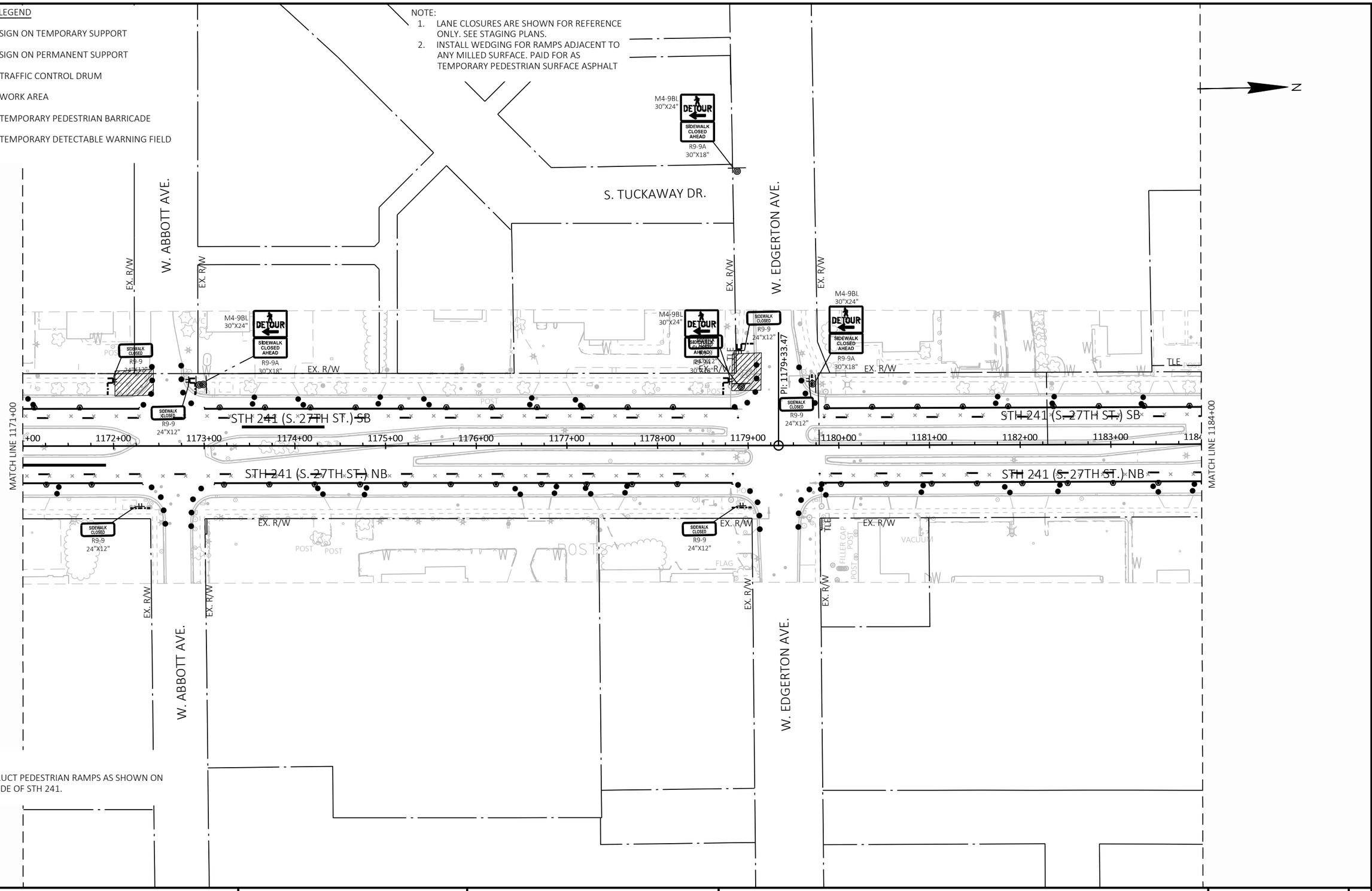
PLOT DATE : 11/20/2024 3:29 PM PLOT BY : STRASSER, JEFFREY PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

LEGEND

- SIGN ON TEMPORARY SUPPORT
- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- WORK AREA
- TEMPORARY PEDESTRIAN BARRICADE
- TEMPORARY DETECTABLE WARNING FIELD

NOTE:
1. LANE CLOSURES ARE SHOWN FOR REFERENCE ONLY. SEE STAGING PLANS.
2. INSTALL WEDGING FOR RAMPS ADJACENT TO ANY MILLED SURFACE. PAID FOR AS TEMPORARY PEDESTRIAN SURFACE ASPHALT



STAGE 1A:

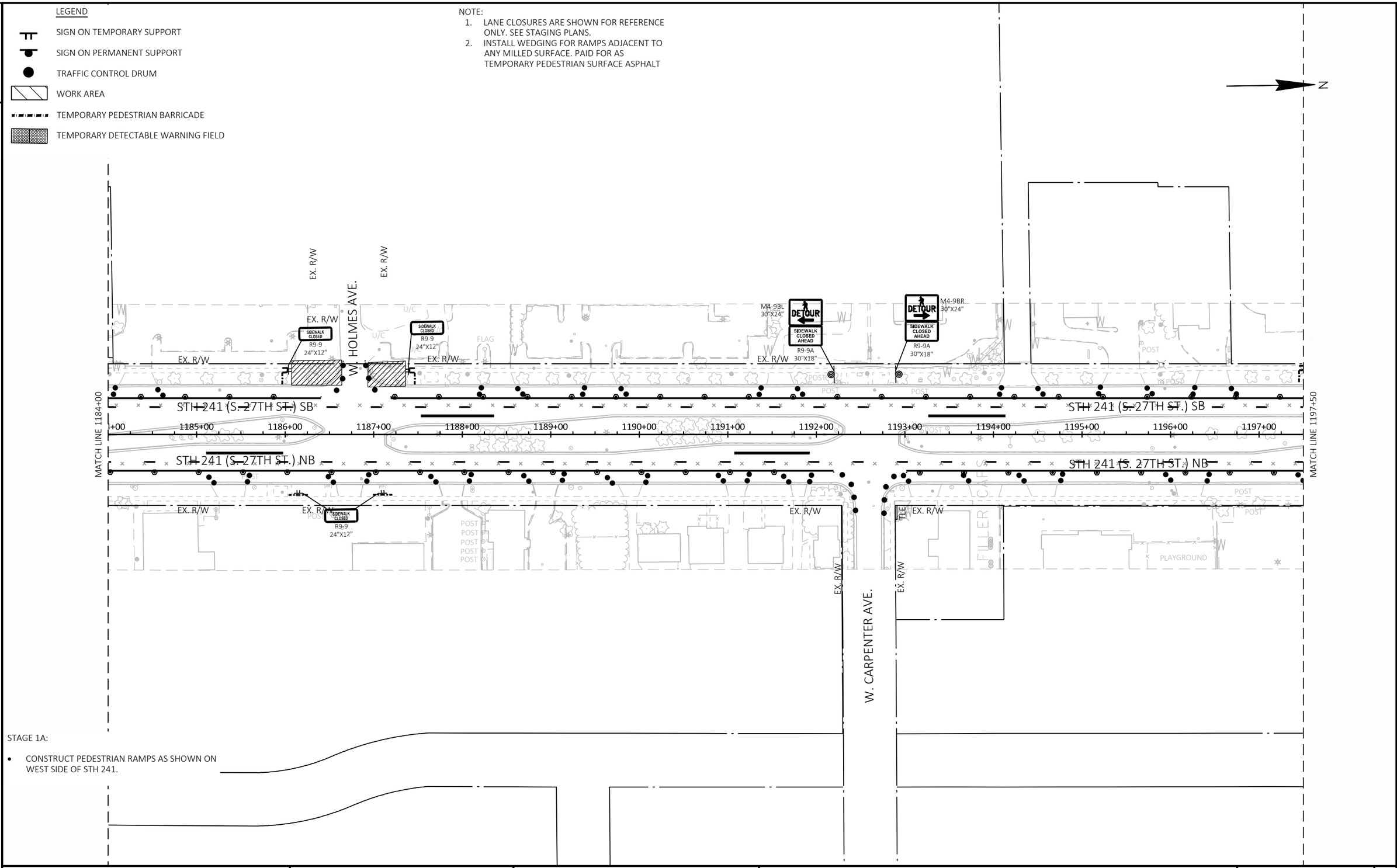
- CONSTRUCT PEDESTRIAN RAMPS AS SHOWN ON WEST SIDE OF STH 241.

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	PEDESTRIAN DETOUR - STAGE 1A	SHEET 301	E

LEGEND

- SIGN ON TEMPORARY SUPPORT
- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- WORK AREA
- TEMPORARY PEDESTRIAN BARRICADE
- TEMPORARY DETECTABLE WARNING FIELD

NOTE:
1. LANE CLOSURES ARE SHOWN FOR REFERENCE ONLY. SEE STAGING PLANS.
2. INSTALL WEDGING FOR RAMPS ADJACENT TO ANY MILLED SURFACE. PAID FOR AS TEMPORARY PEDESTRIAN SURFACE ASPHALT



STAGE 1A:

- CONSTRUCT PEDESTRIAN RAMPS AS SHOWN ON WEST SIDE OF STH 241.

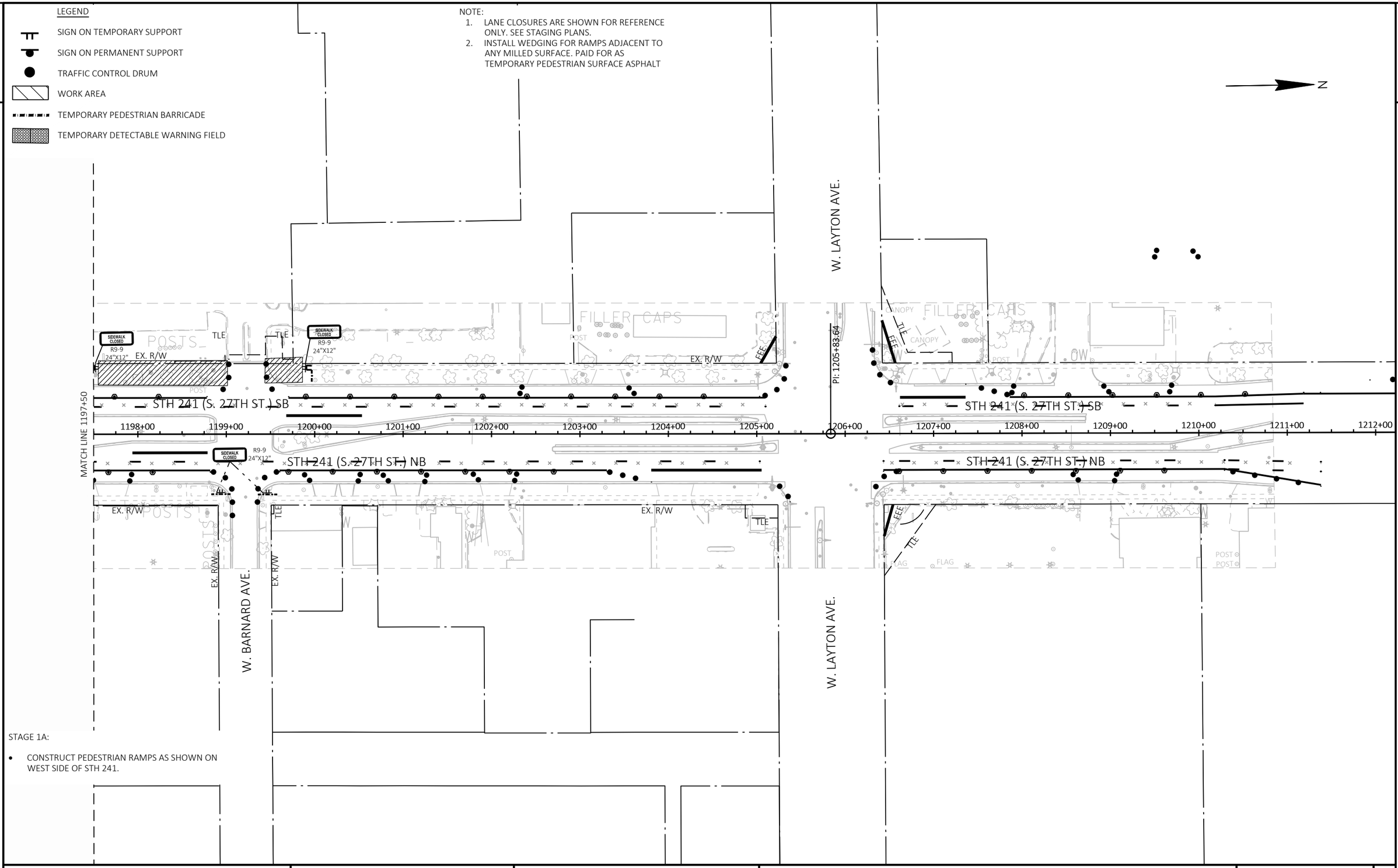
PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	PEDESTRIAN DETOUR - STAGE 1A	SHEET 302	E

2

LEGEND

- SIGN ON TEMPORARY SUPPORT
- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- WORK AREA
- TEMPORARY PEDESTRIAN BARRICADE
- TEMPORARY DETECTABLE WARNING FIELD

NOTE:
1. LANE CLOSURES ARE SHOWN FOR REFERENCE ONLY. SEE STAGING PLANS.
2. INSTALL WEDGING FOR RAMPS ADJACENT TO ANY MILLED SURFACE. PAID FOR AS TEMPORARY PEDESTRIAN SURFACE ASPHALT



STAGE 1A:

- CONSTRUCT PEDESTRIAN RAMPS AS SHOWN ON WEST SIDE OF STH 241.

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	PEDESTRIAN DETOUR - STAGE 1A	SHEET 303	E

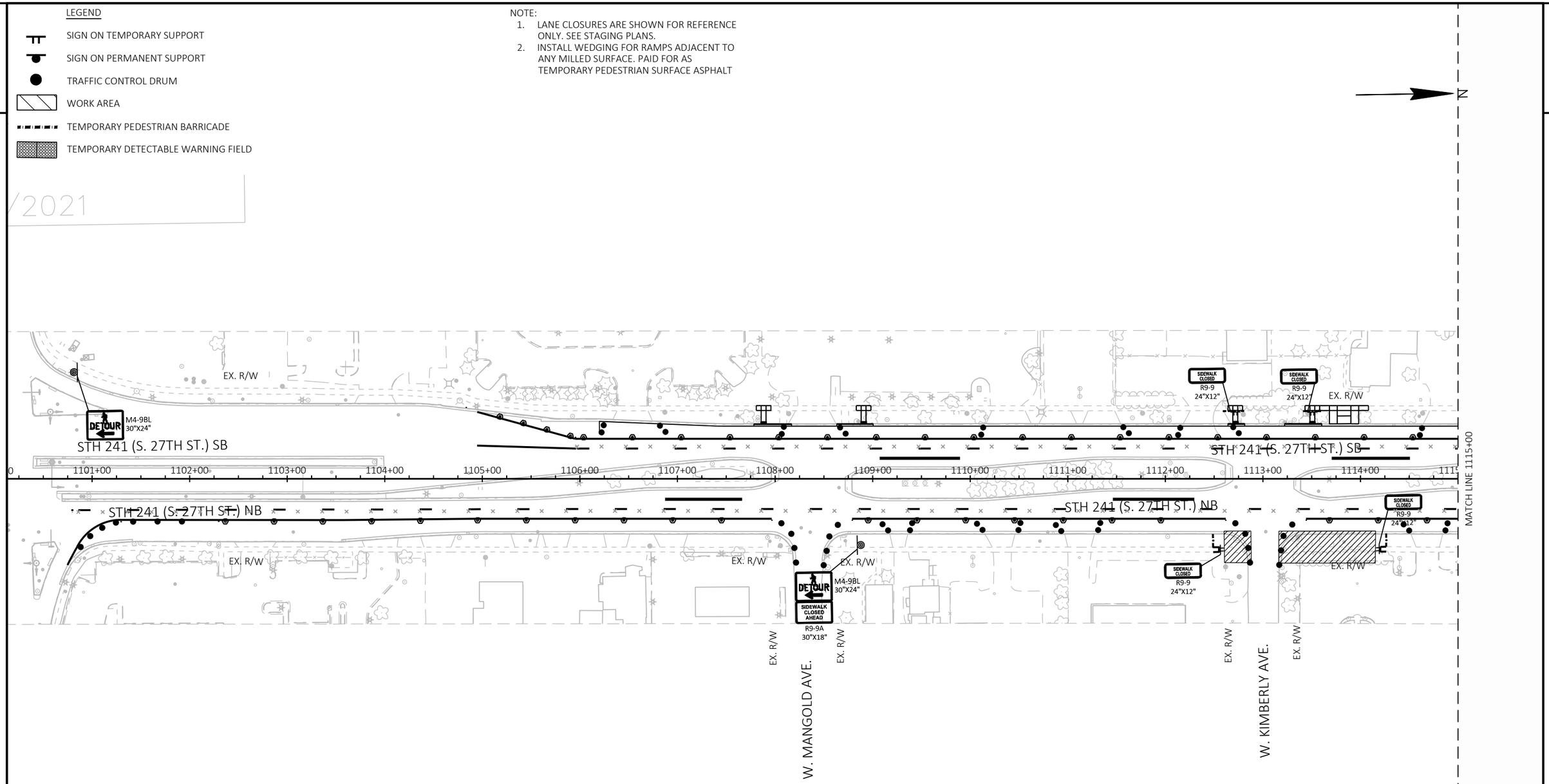
2

LEGEND

- SIGN ON TEMPORARY SUPPORT
- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- WORK AREA
- TEMPORARY PEDESTRIAN BARRICADE
- TEMPORARY DETECTABLE WARNING FIELD

NOTE:
1. LANE CLOSURES ARE SHOWN FOR REFERENCE ONLY. SEE STAGING PLANS.
2. INSTALL WEDGING FOR RAMPS ADJACENT TO ANY MILLED SURFACE. PAID FOR AS TEMPORARY PEDESTRIAN SURFACE ASPHALT

/2021



STAGE 1B:

- CONSTRUCT PEDESTRIAN RAMPS AS SHOWN ON EAST SIDE OF STH 241.

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	PEDESTRIAN DETOUR - STAGE 1B	SHEET 304	E

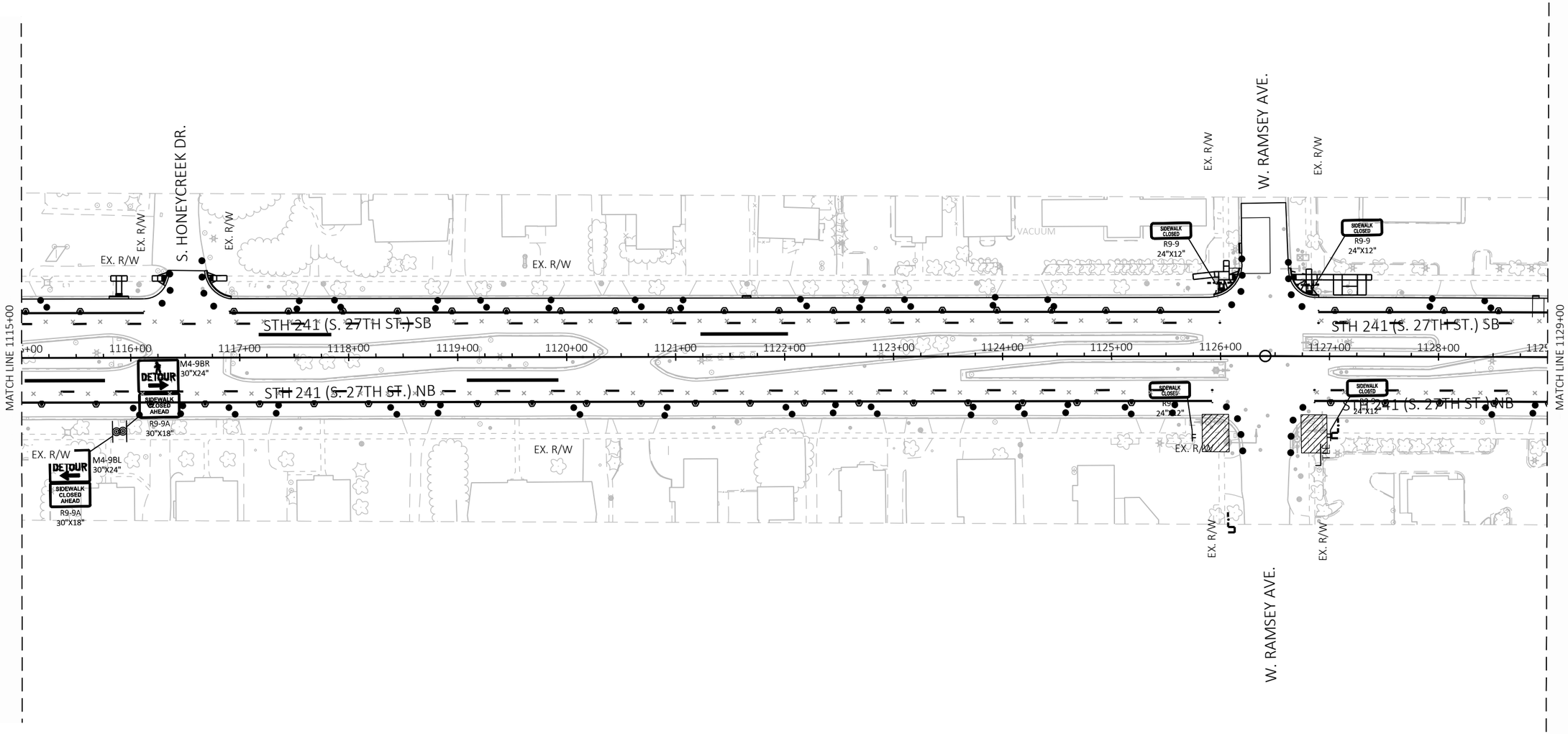
2

LEGEND

- SIGN ON TEMPORARY SUPPORT
- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- WORK AREA
- TEMPORARY PEDESTRIAN BARRICADE
- TEMPORARY DETECTABLE WARNING FIELD

NOTE:

1. LANE CLOSURES ARE SHOWN FOR REFERENCE ONLY. SEE STAGING PLANS.
2. INSTALL WEDGING FOR RAMPS ADJACENT TO ANY MILLED SURFACE. PAID FOR AS TEMPORARY PEDESTRIAN SURFACE ASPHALT



STAGE 1B:

- CONSTRUCT PEDESTRIAN RAMPS AS SHOWN ON EAST SIDE OF STH 241.

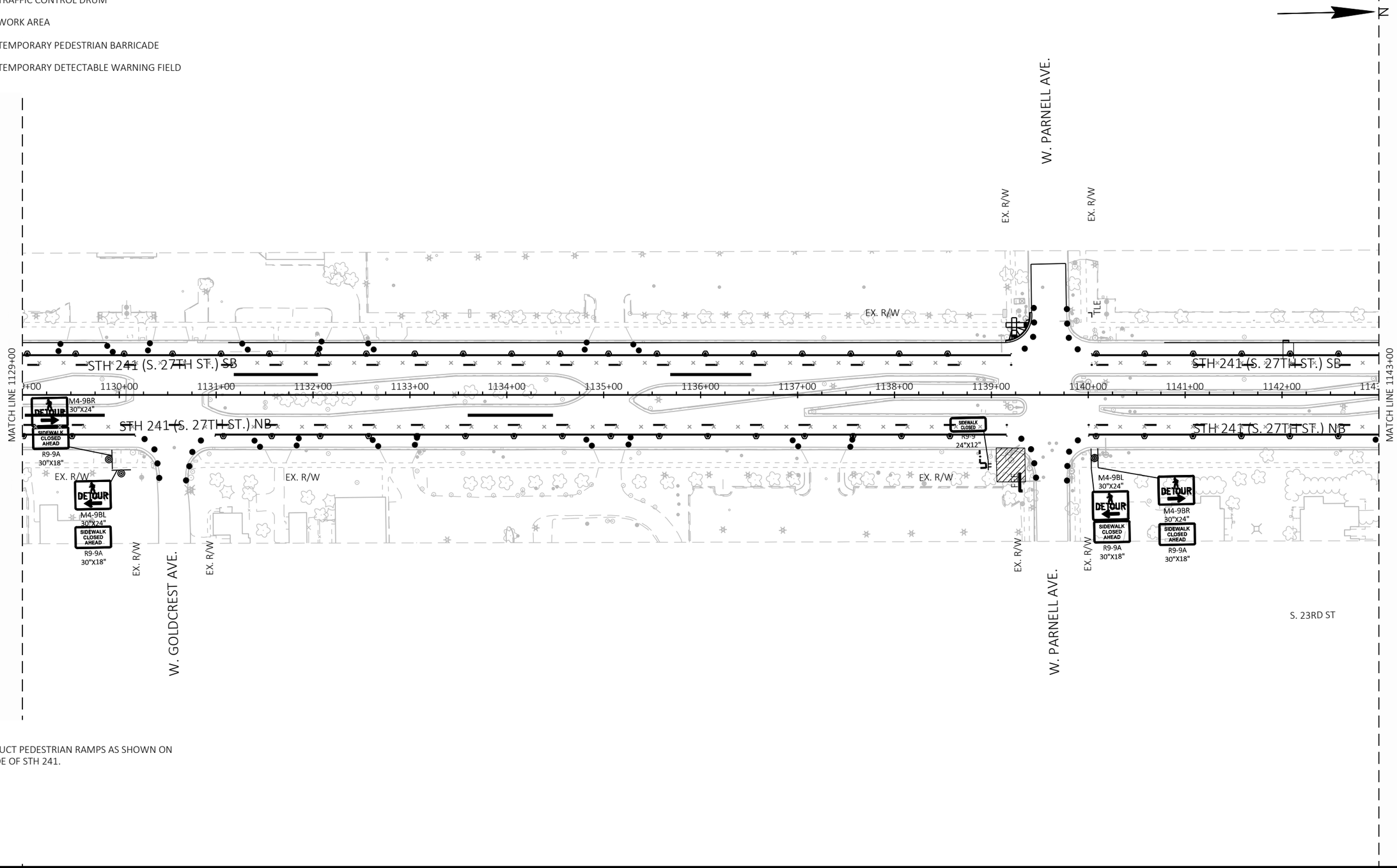
PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	PEDESTRIAN DETOUR - STAGE 1B	SHEET 305	E

2

LEGEND

- SIGN ON TEMPORARY SUPPORT
- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- WORK AREA
- TEMPORARY PEDESTRIAN BARRICADE
- TEMPORARY DETECTABLE WARNING FIELD

NOTE:
1. LANE CLOSURES ARE SHOWN FOR REFERENCE ONLY. SEE STAGING PLANS.
2. INSTALL WEDGING FOR RAMPS ADJACENT TO ANY MILLED SURFACE. PAID FOR AS TEMPORARY PEDESTRIAN SURFACE ASPHALT



STAGE 1B:

- CONSTRUCT PEDESTRIAN RAMPS AS SHOWN ON EAST SIDE OF STH 241.

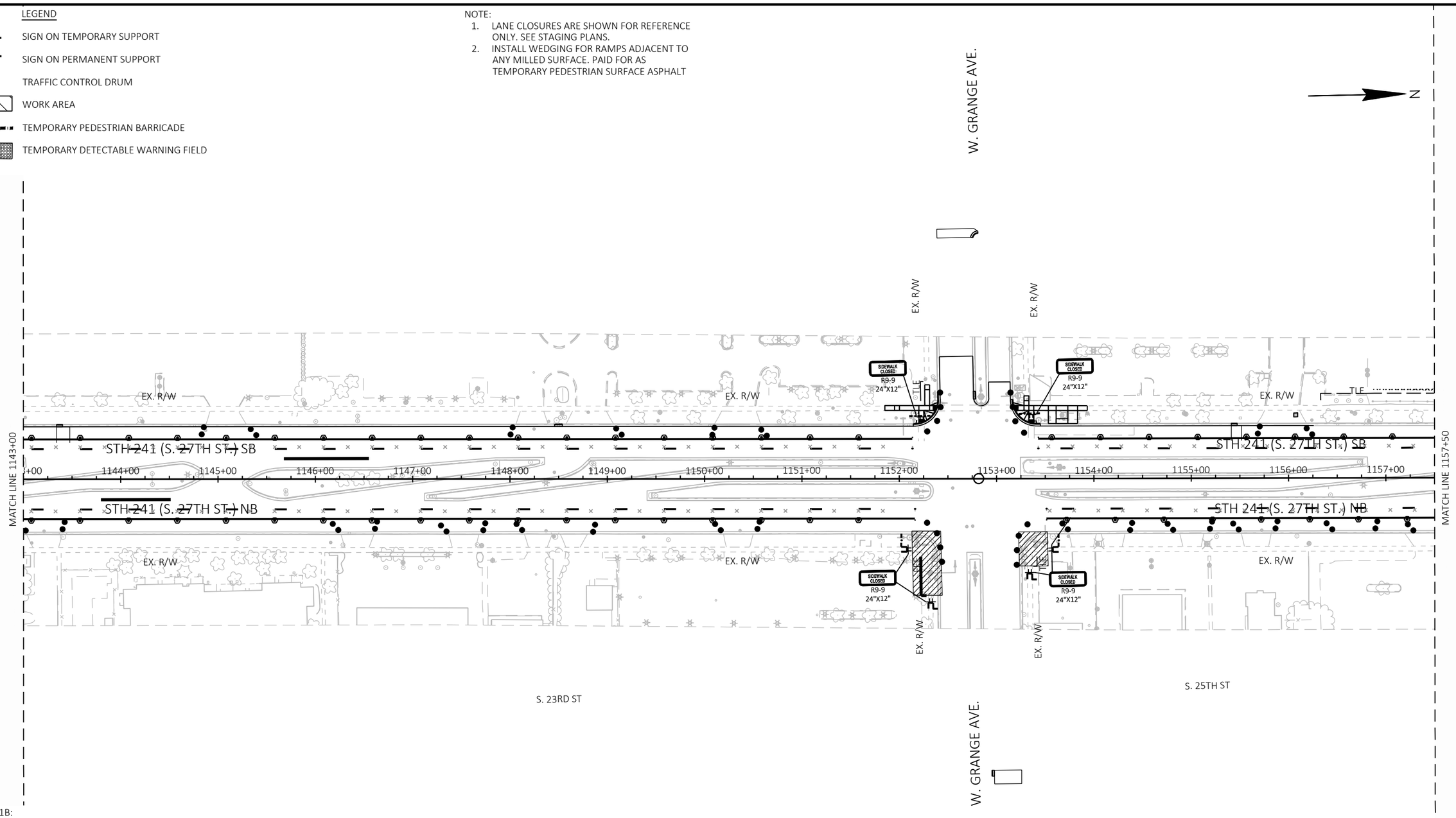
PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	PEDESTRIAN DETOUR - STAGE 1B	SHEET 306	E

2

LEGEND

- SIGN ON TEMPORARY SUPPORT
- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- WORK AREA
- TEMPORARY PEDESTRIAN BARRICADE
- TEMPORARY DETECTABLE WARNING FIELD

NOTE:
1. LANE CLOSURES ARE SHOWN FOR REFERENCE ONLY. SEE STAGING PLANS.
2. INSTALL WEDGING FOR RAMPS ADJACENT TO ANY MILLED SURFACE. PAID FOR AS TEMPORARY PEDESTRIAN SURFACE ASPHALT



STAGE 1B:

- CONSTRUCT PEDESTRIAN RAMPS AS SHOWN ON EAST SIDE OF STH 241.

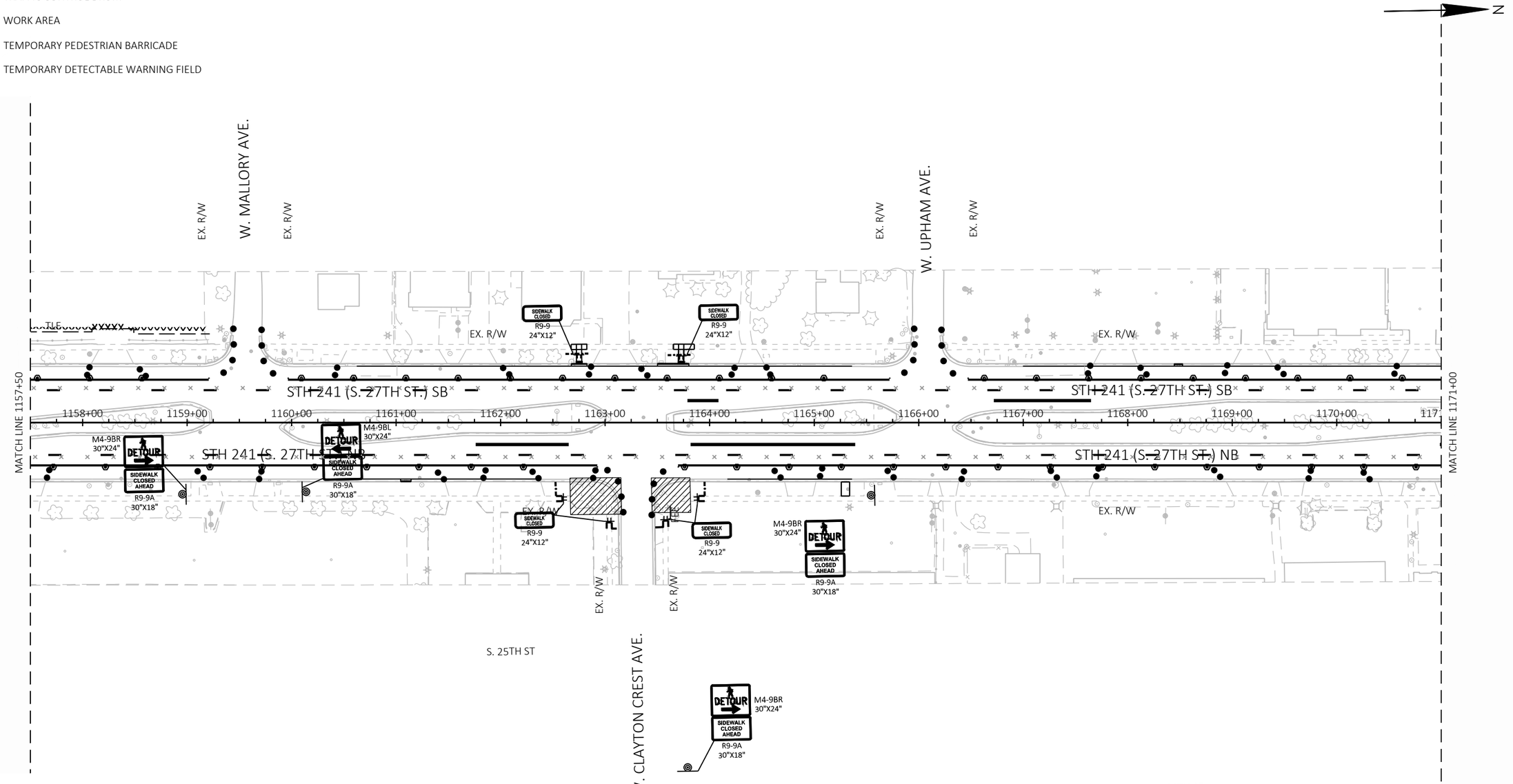
PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	PEDESTRIAN DETOUR - STAGE 1B	SHEET 307	E

2

LEGEND

- SIGN ON TEMPORARY SUPPORT
- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- WORK AREA
- TEMPORARY PEDESTRIAN BARRICADE
- TEMPORARY DETECTABLE WARNING FIELD

NOTE:
1. LANE CLOSURES ARE SHOWN FOR REFERENCE ONLY. SEE STAGING PLANS.
2. INSTALL WEDGING FOR RAMPS ADJACENT TO ANY MILLED SURFACE. PAID FOR AS TEMPORARY PEDESTRIAN SURFACE ASPHALT



STAGE 1B:

- CONSTRUCT PEDESTRIAN RAMPS AS SHOWN ON EAST SIDE OF STH 241.

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	PEDESTRIAN DETOUR - STAGE 1B	SHEET 308	E

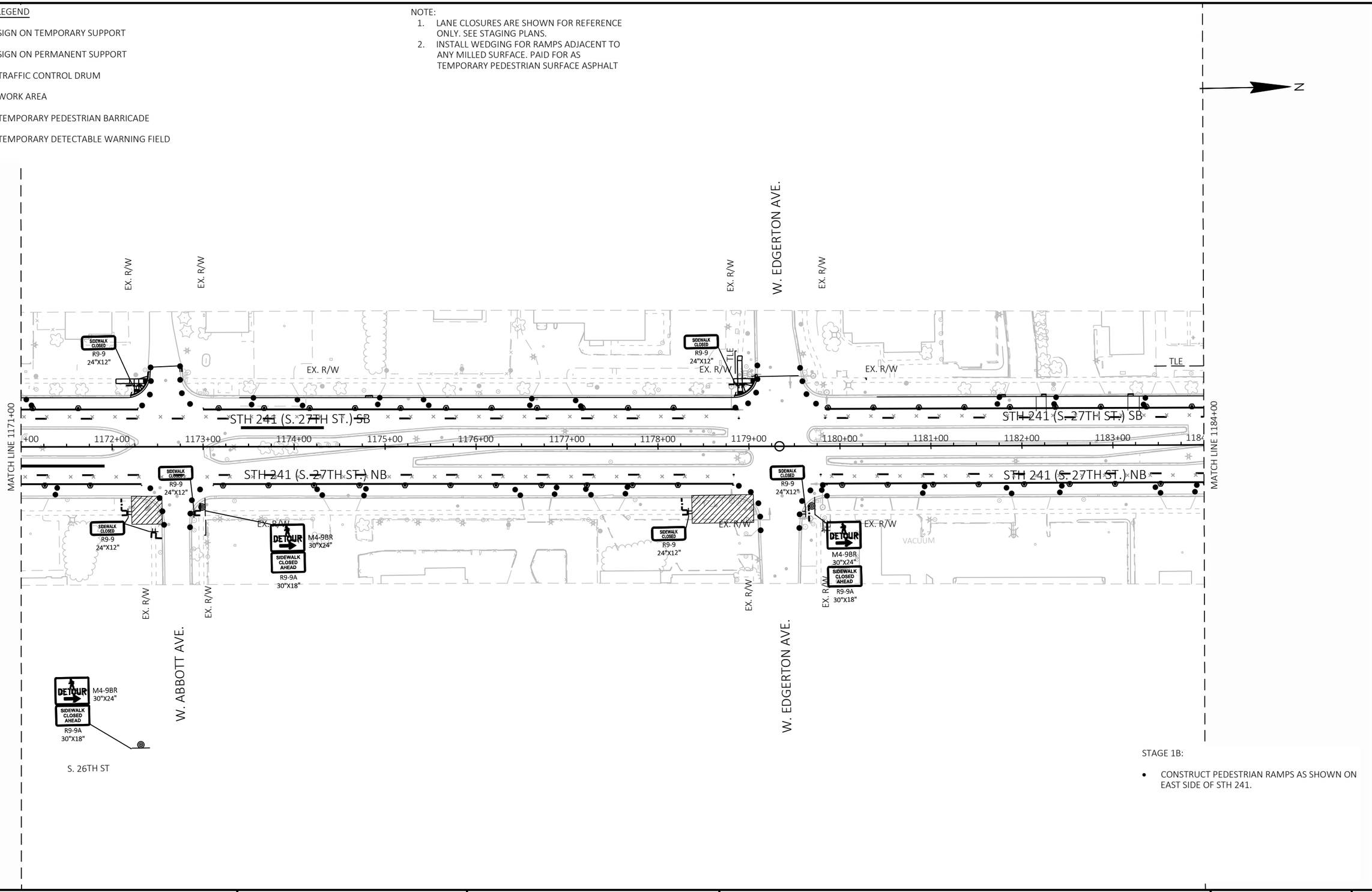
FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\025002-PED.DWG
LAYOUT NAME - 05
PLOT DATE : 11/20/2024 3:30 PM PLOT BY : STRASSER, JEFFREY PLOT NAME : PLOT SCALE : 1 IN:100 FT

LEGEND

- SIGN ON TEMPORARY SUPPORT
- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- WORK AREA
- TEMPORARY PEDESTRIAN BARRICADE
- TEMPORARY DETECTABLE WARNING FIELD

NOTE:

1. LANE CLOSURES ARE SHOWN FOR REFERENCE ONLY. SEE STAGING PLANS.
2. INSTALL WEDGING FOR RAMPS ADJACENT TO ANY MILLED SURFACE. PAID FOR AS TEMPORARY PEDESTRIAN SURFACE ASPHALT



STAGE 1B:

- CONSTRUCT PEDESTRIAN RAMPS AS SHOWN ON EAST SIDE OF STH 241.

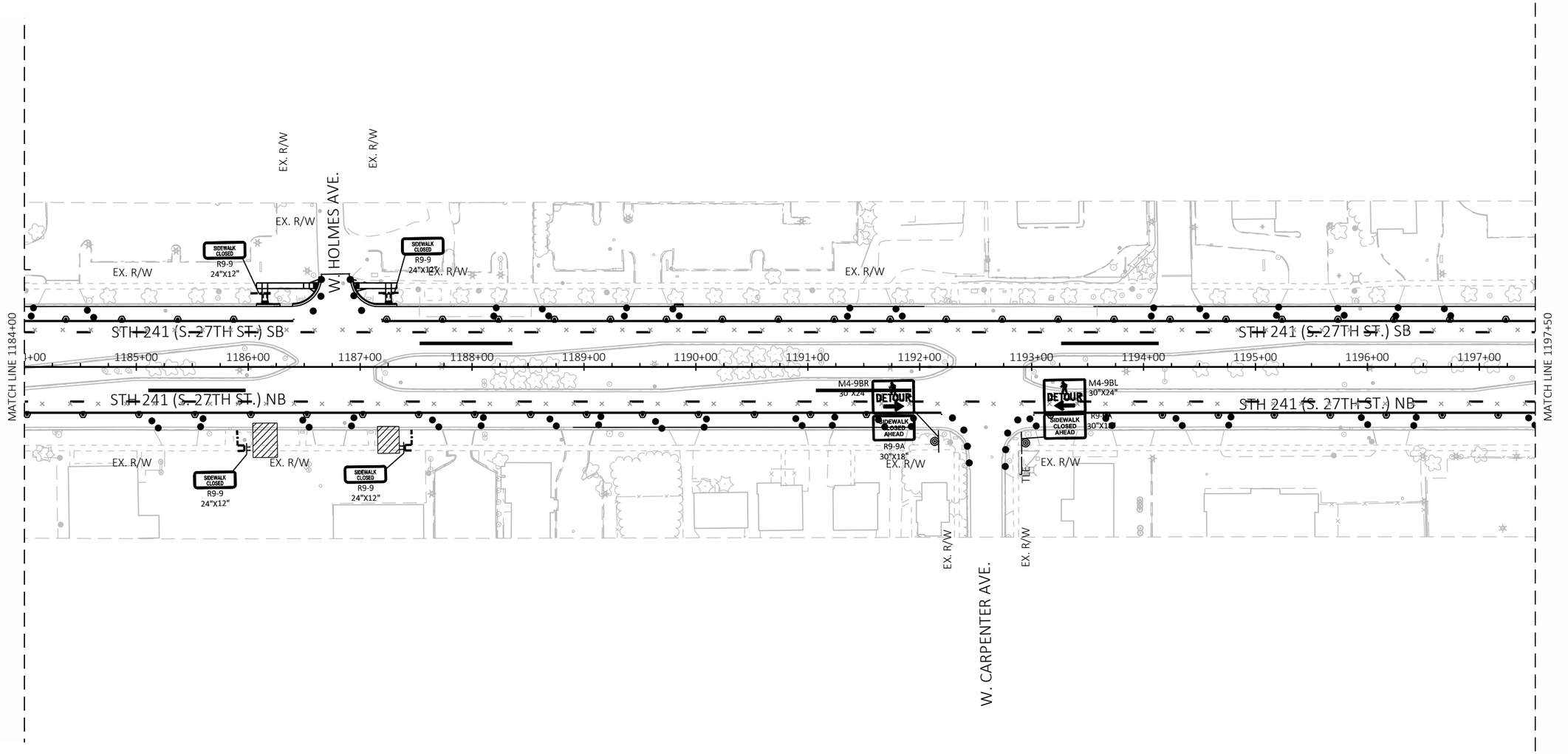
PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	PEDESTRIAN DETOUR - STAGE 1B	SHEET 309	E

2

LEGEND

- SIGN ON TEMPORARY SUPPORT
- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- WORK AREA
- TEMPORARY PEDESTRIAN BARRICADE
- TEMPORARY DETECTABLE WARNING FIELD

NOTE:
1. LANE CLOSURES ARE SHOWN FOR REFERENCE ONLY. SEE STAGING PLANS.
2. INSTALL WEDGING FOR RAMPS ADJACENT TO ANY MILLED SURFACE. PAID FOR AS TEMPORARY PEDESTRIAN SURFACE ASPHALT



STAGE 1B:

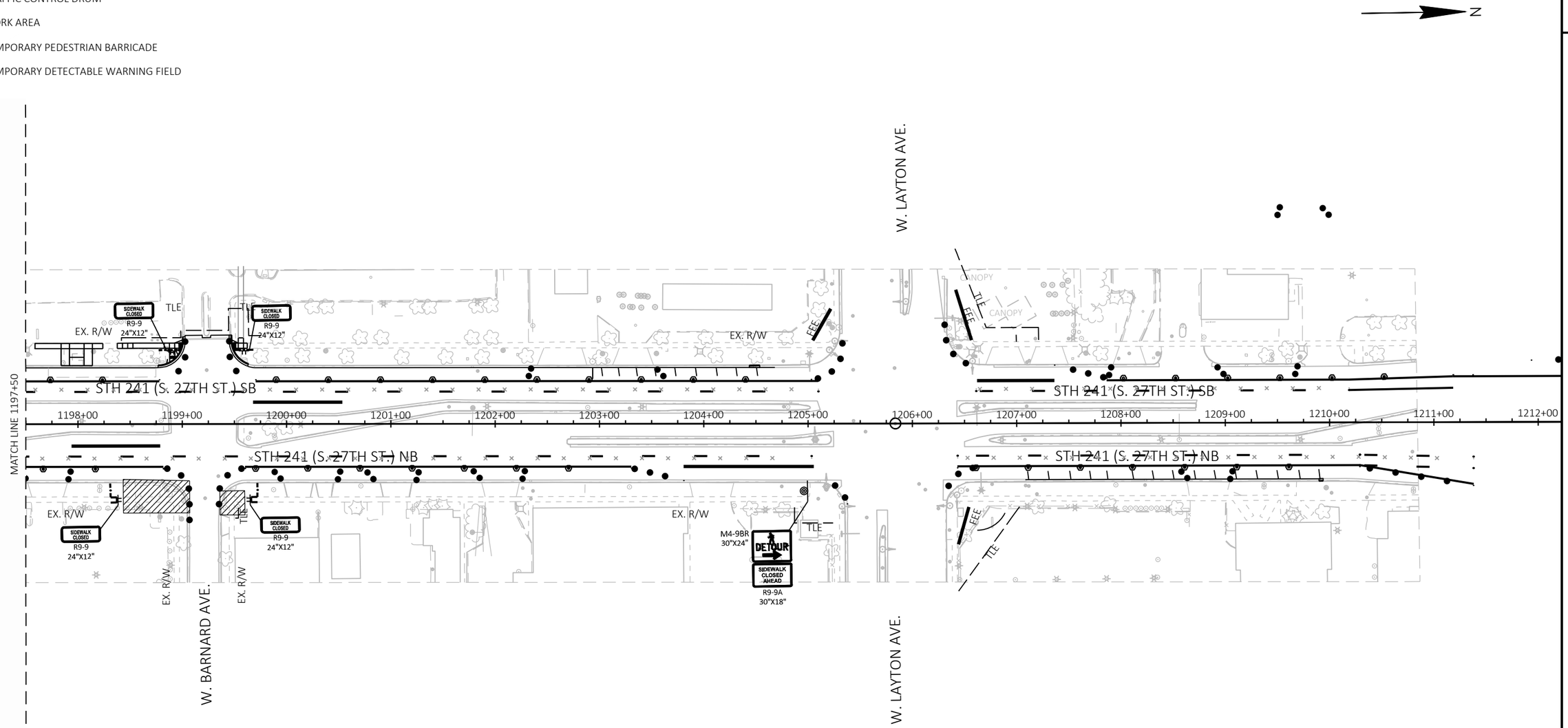
- CONSTRUCT PEDESTRIAN RAMPS AS SHOWN ON EAST SIDE OF STH 241.

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	PEDESTRIAN DETOUR - STAGE 1B	SHEET 310	E

LEGEND

- SIGN ON TEMPORARY SUPPORT
- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- WORK AREA
- TEMPORARY PEDESTRIAN BARRICADE
- TEMPORARY DETECTABLE WARNING FIELD

NOTE:
1. LANE CLOSURES ARE SHOWN FOR REFERENCE ONLY. SEE STAGING PLANS.
2. INSTALL WEDGING FOR RAMPS ADJACENT TO ANY MILLED SURFACE. PAID FOR AS TEMPORARY PEDESTRIAN SURFACE ASPHALT



STAGE 1B:

- CONSTRUCT PEDESTRIAN RAMPS AS SHOWN ON EAST SIDE OF STH 241.

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	PEDESTRIAN DETOUR - STAGE 1B	SHEET 311	E

2

2

PI: 1126+40.88

1119+00 1120+00 1121+00 1122+00 1123+00 1124+00 1125+00 1126+00 1127+00 1128+00 1129+00 1130+00 1131+00 1132+00 1133+00 1134+00 1135+00 1136+00 1137+00 1138+00 1139+00 1140+00 1141+00 1142+00 1143+00 1144+00 1145+00 1146+00 1147+00 1148+00 1149+00

STH 241 (S. 27TH ST)

N

LEGEND

- SIGN ON TEMPORARY SUPPORT
- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- WORK AREA
- TEMPORARY PEDESTRIAN BARRICADE
- TEMPORARY DETECTABLE WARNING FIELD
- PEDESTRIAN DETOUR ROUTE

W. RAMSEY AVE

W. GOLDCREST AVE

W. PARNELL AVE

W. BIRCHWOOD AVE

S. 25TH ST

S. 24TH ST

S. 23RD ST

M4-9BR
30"X24"
DETOUR
SIDEWALK CLOSED AHEAD
R9-9A
30"X18"

M4-9BR
30"X24"
DETOUR
SIDEWALK CLOSED AHEAD
R9-9A
30"X18"

DETOUR
M4-9BL
30"X24"

PROJECT NO: 2265-18-00	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	PEDESTRIAN DETOUR - STAGE 1B	SHEET 312	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\025002-PED_DETOUR.DWG
LAYOUT NAME - 09

PLOT DATE : 11/20/2024 3:31 PM PLOT BY : STRASSER, JEFFREY PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 42

2

PI: 1152+81.47

1149+00 1150+00 1151+00 1152+00 1153+00 1154+00 1155+00 1156+00 1157+00 1158+00 1159+00 1160+00 1161+00 1162+00 1163+00 1164+00 1165+00 1166+00 1167+00 1168+00 1169+00 1170+00 1171+00 1172+00 1173+00 1174+00 1175+00 1176+00 1177+00 1178+00 1179+00

PI: 1179+33.47

N

STH 241 (S. 27TH ST)

W. GRANGE AVE

W. CLAYTON CREST AVE

W. ABBOTT AVE

S. 25TH ST

S. 26TH ST

M4-9BR
30"X24"
DETOUR
SIDEWALK CLOSED AHEAD
R9-9A
30"X18"

M4-9BR
30"X24"
DETOUR
SIDEWALK CLOSED AHEAD
R9-9A
30"X18"

LEGEND

- SIGN ON TEMPORARY SUPPORT
- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- WORK AREA
- TEMPORARY PEDESTRIAN BARRICADE
- TEMPORARY DETECTABLE WARNING FIELD
- PEDESTRIAN DETOUR ROUTE

2

PROJECT NO: 2265-18-00	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	PEDESTRIAN DETOUR - STAGE 1B	SHEET 313	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\025002-PED_DETOUR.DWG
LAYOUT NAME - 10

PLOT DATE : 11/20/2024 3:31 PM PLOT BY : STRASSER, JEFFREY PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 42

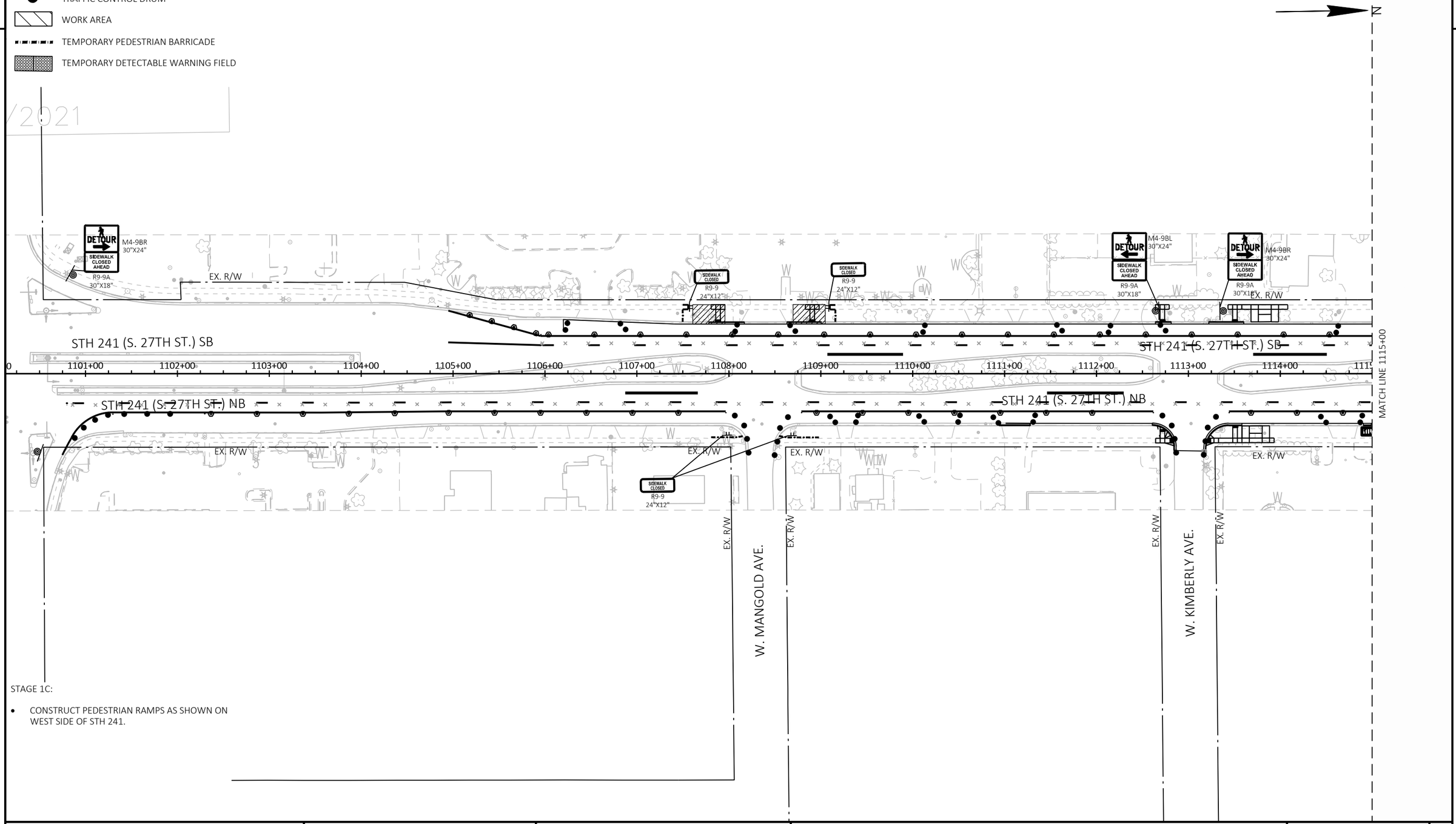
2

LEGEND

- SIGN ON TEMPORARY SUPPORT
- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- WORK AREA
- TEMPORARY PEDESTRIAN BARRICADE
- TEMPORARY DETECTABLE WARNING FIELD

NOTE:
1. LANE CLOSURES ARE SHOWN FOR REFERENCE ONLY. SEE STAGING PLANS.
2. INSTALL WEDGING FOR RAMPS ADJACENT TO ANY MILLED SURFACE. PAID FOR AS TEMPORARY PEDESTRIAN SURFACE ASPHALT

/2021



STAGE 1C:

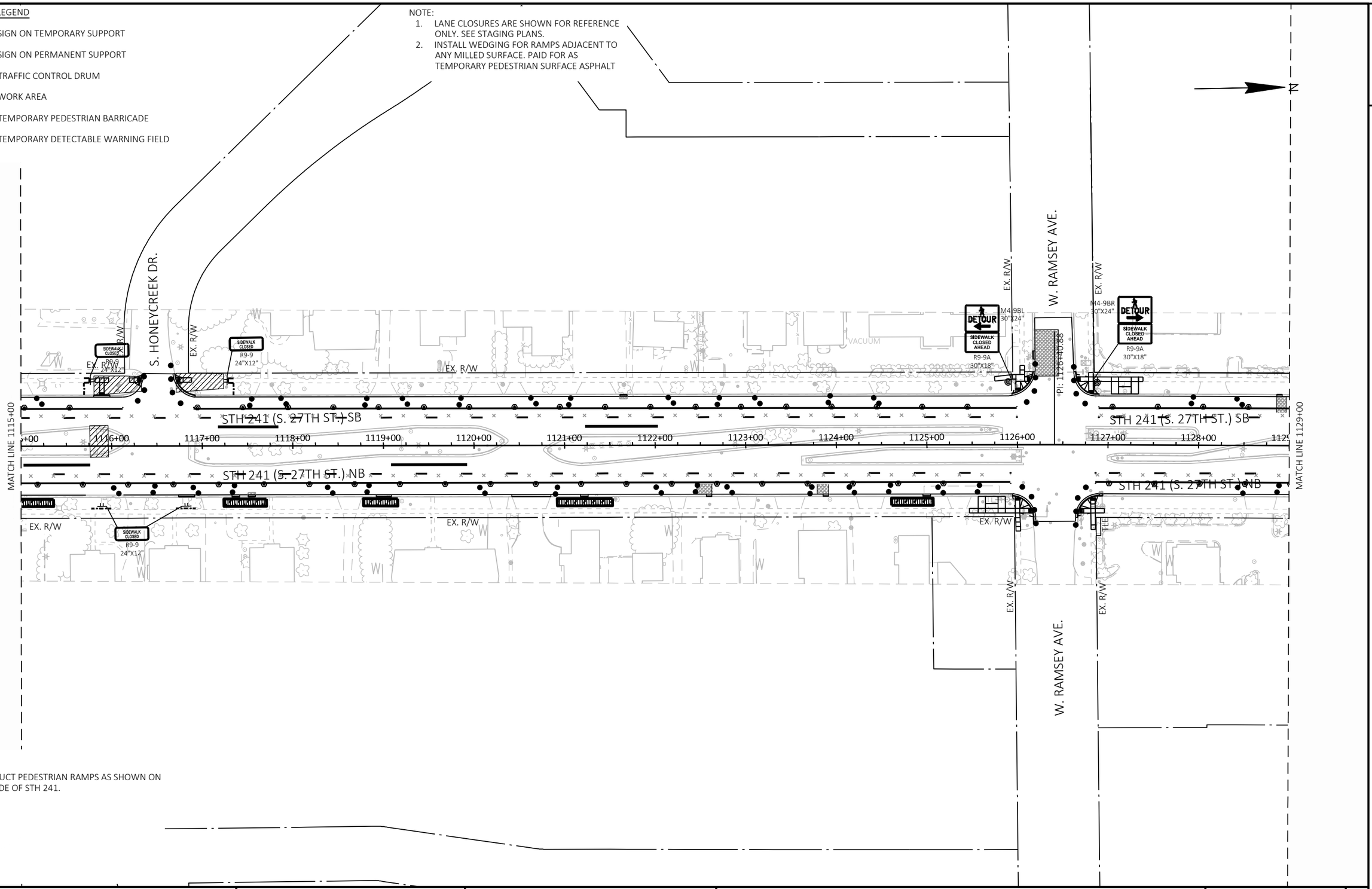
- CONSTRUCT PEDESTRIAN RAMPS AS SHOWN ON WEST SIDE OF STH 241.

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	PEDESTRIAN DETOUR - STAGE 1C	SHEET 314	E

LEGEND

- SIGN ON TEMPORARY SUPPORT
- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- WORK AREA
- TEMPORARY PEDESTRIAN BARRICADE
- TEMPORARY DETECTABLE WARNING FIELD

NOTE:
1. LANE CLOSURES ARE SHOWN FOR REFERENCE ONLY. SEE STAGING PLANS.
2. INSTALL WEDGING FOR RAMPS ADJACENT TO ANY MILLED SURFACE. PAID FOR AS TEMPORARY PEDESTRIAN SURFACE ASPHALT



STAGE 1C:

- CONSTRUCT PEDESTRIAN RAMPS AS SHOWN ON WEST SIDE OF STH 241.

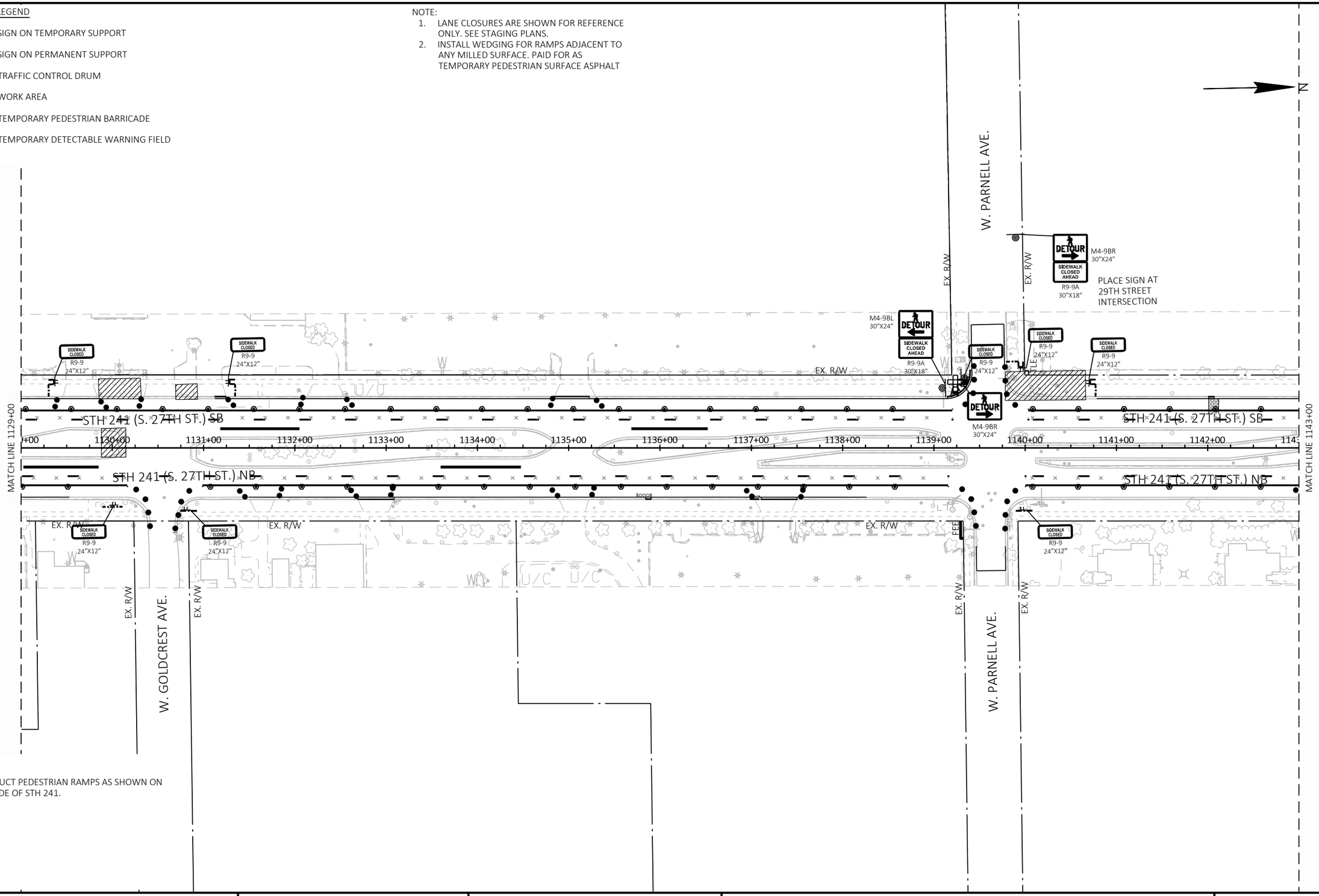
PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	PEDESTRIAN DETOUR - STAGE 1C	SHEET 315	E

2

LEGEND

- SIGN ON TEMPORARY SUPPORT
- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- WORK AREA
- TEMPORARY PEDESTRIAN BARRICADE
- TEMPORARY DETECTABLE WARNING FIELD

NOTE:
1. LANE CLOSURES ARE SHOWN FOR REFERENCE ONLY. SEE STAGING PLANS.
2. INSTALL WEDGING FOR RAMPS ADJACENT TO ANY MILLED SURFACE. PAID FOR AS TEMPORARY PEDESTRIAN SURFACE ASPHALT



STAGE 1C:

- CONSTRUCT PEDESTRIAN RAMPS AS SHOWN ON WEST SIDE OF STH 241.

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	PEDESTRIAN DETOUR - STAGE 1C	SHEET 316	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\025003-PED.DWG
LAYOUT NAME - 03
PLOT DATE : 11/20/2024 3:32 PM
PLOT BY : STRASSER, JEFFREY
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

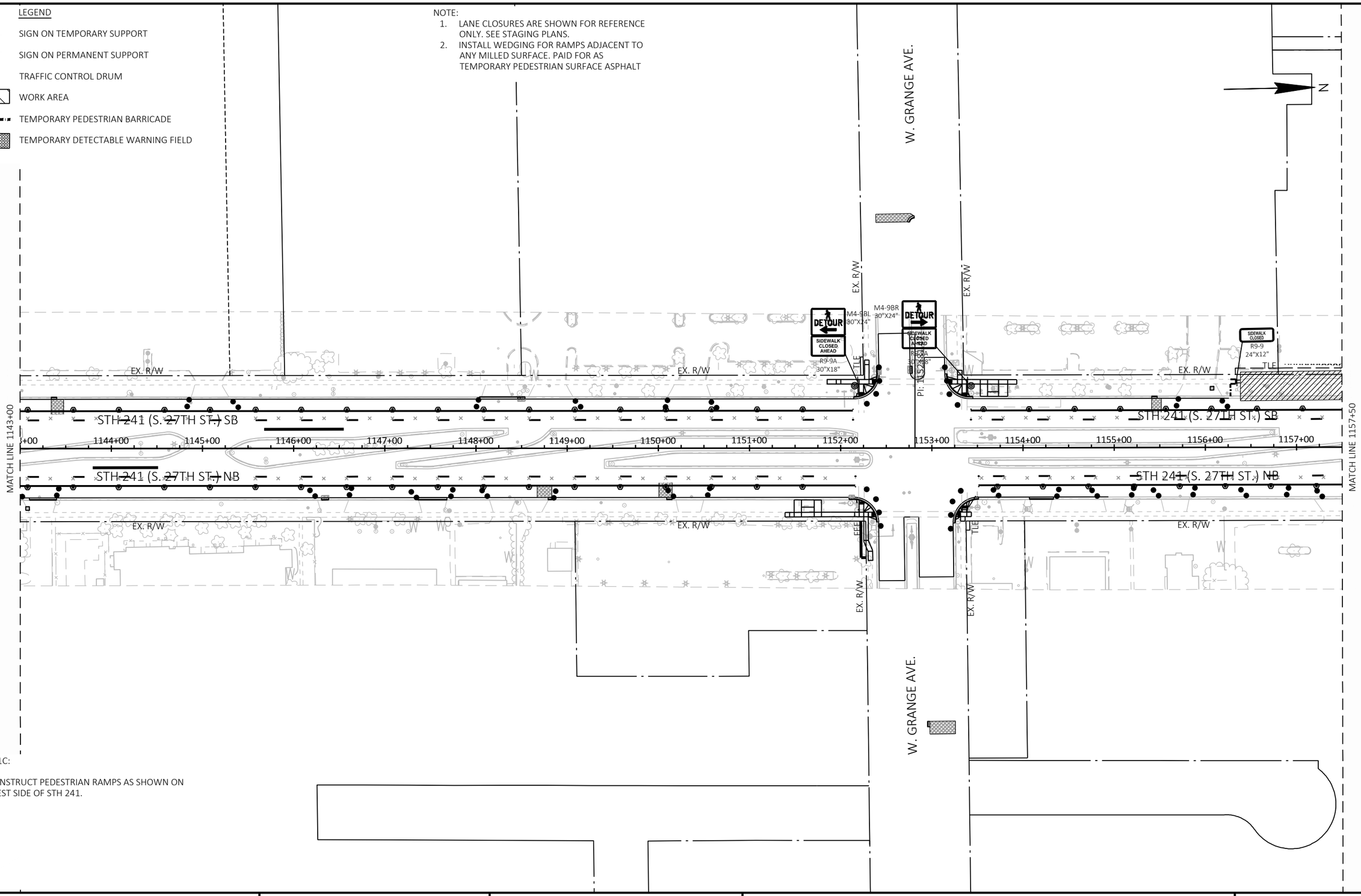
2

LEGEND

- SIGN ON TEMPORARY SUPPORT
- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- WORK AREA
- TEMPORARY PEDESTRIAN BARRICADE
- TEMPORARY DETECTABLE WARNING FIELD

NOTE:

1. LANE CLOSURES ARE SHOWN FOR REFERENCE ONLY. SEE STAGING PLANS.
2. INSTALL WEDGING FOR RAMPS ADJACENT TO ANY MILLED SURFACE. PAID FOR AS TEMPORARY PEDESTRIAN SURFACE ASPHALT



STAGE 1C:

- CONSTRUCT PEDESTRIAN RAMPS AS SHOWN ON WEST SIDE OF STH 241.

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	PEDESTRIAN DETOUR - STAGE 1C	SHEET 317 E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\025003-PED.DWG
LAYOUT NAME - 04

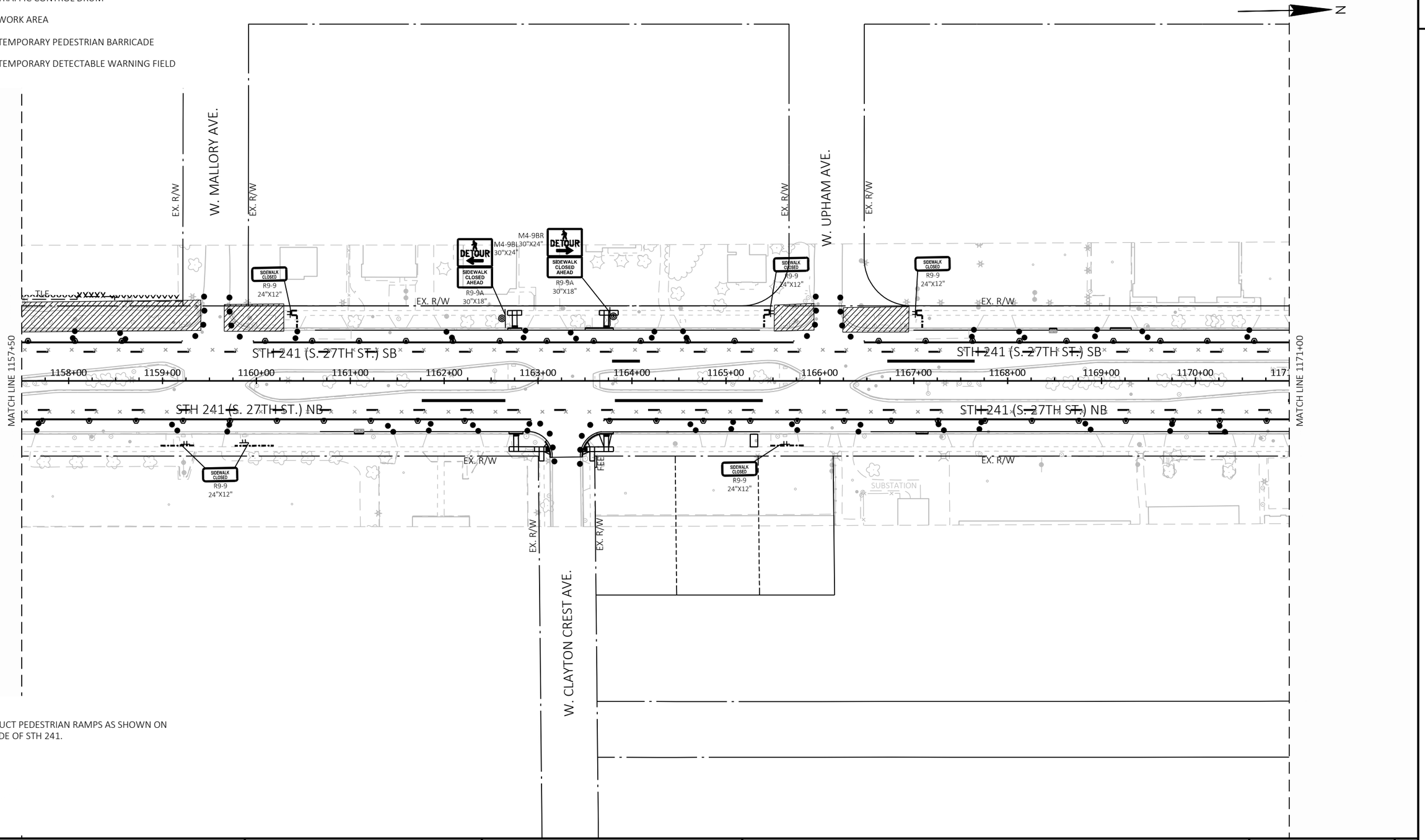
PLOT DATE : 11/20/2024 3:32 PM PLOT BY : STRASSER, JEFFREY PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

LEGEND

- SIGN ON TEMPORARY SUPPORT
- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- WORK AREA
- TEMPORARY PEDESTRIAN BARRICADE
- TEMPORARY DETECTABLE WARNING FIELD

NOTE:
1. LANE CLOSURES ARE SHOWN FOR REFERENCE ONLY. SEE STAGING PLANS.
2. INSTALL WEDGING FOR RAMPS ADJACENT TO ANY MILLED SURFACE. PAID FOR AS TEMPORARY PEDESTRIAN SURFACE ASPHALT



STAGE 1C:

- CONSTRUCT PEDESTRIAN RAMPS AS SHOWN ON WEST SIDE OF STH 241.

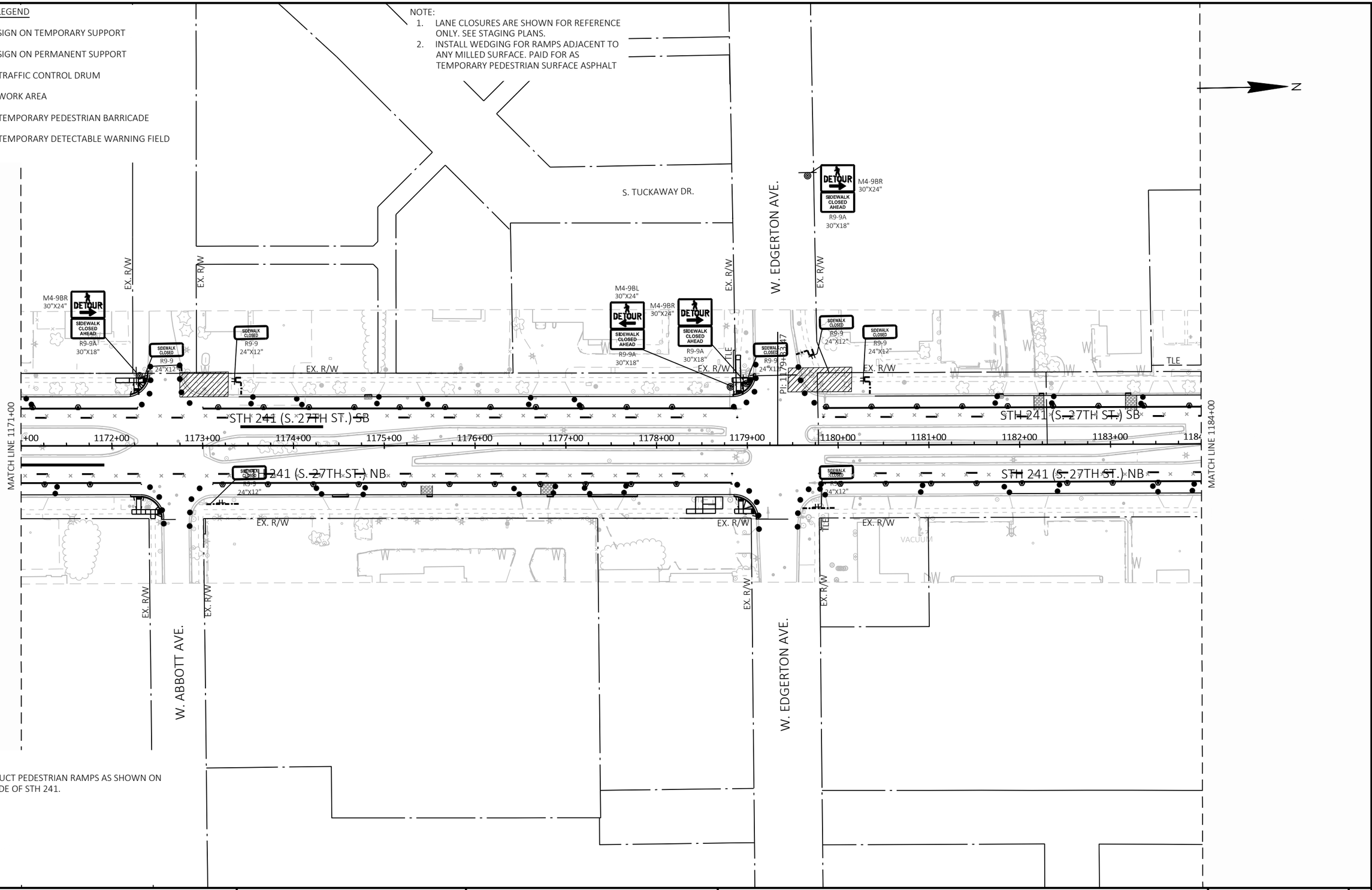
PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	PEDESTRIAN DETOUR - STAGE 1C	SHEET 318	E

2

LEGEND

- SIGN ON TEMPORARY SUPPORT
- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- WORK AREA
- TEMPORARY PEDESTRIAN BARRICADE
- TEMPORARY DETECTABLE WARNING FIELD

NOTE:
1. LANE CLOSURES ARE SHOWN FOR REFERENCE ONLY. SEE STAGING PLANS.
2. INSTALL WEDGING FOR RAMPS ADJACENT TO ANY MILLED SURFACE. PAID FOR AS TEMPORARY PEDESTRIAN SURFACE ASPHALT



STAGE 1C:

- CONSTRUCT PEDESTRIAN RAMPS AS SHOWN ON WEST SIDE OF STH 241.

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	PEDESTRIAN DETOUR - STAGE 1C	SHEET 319	E

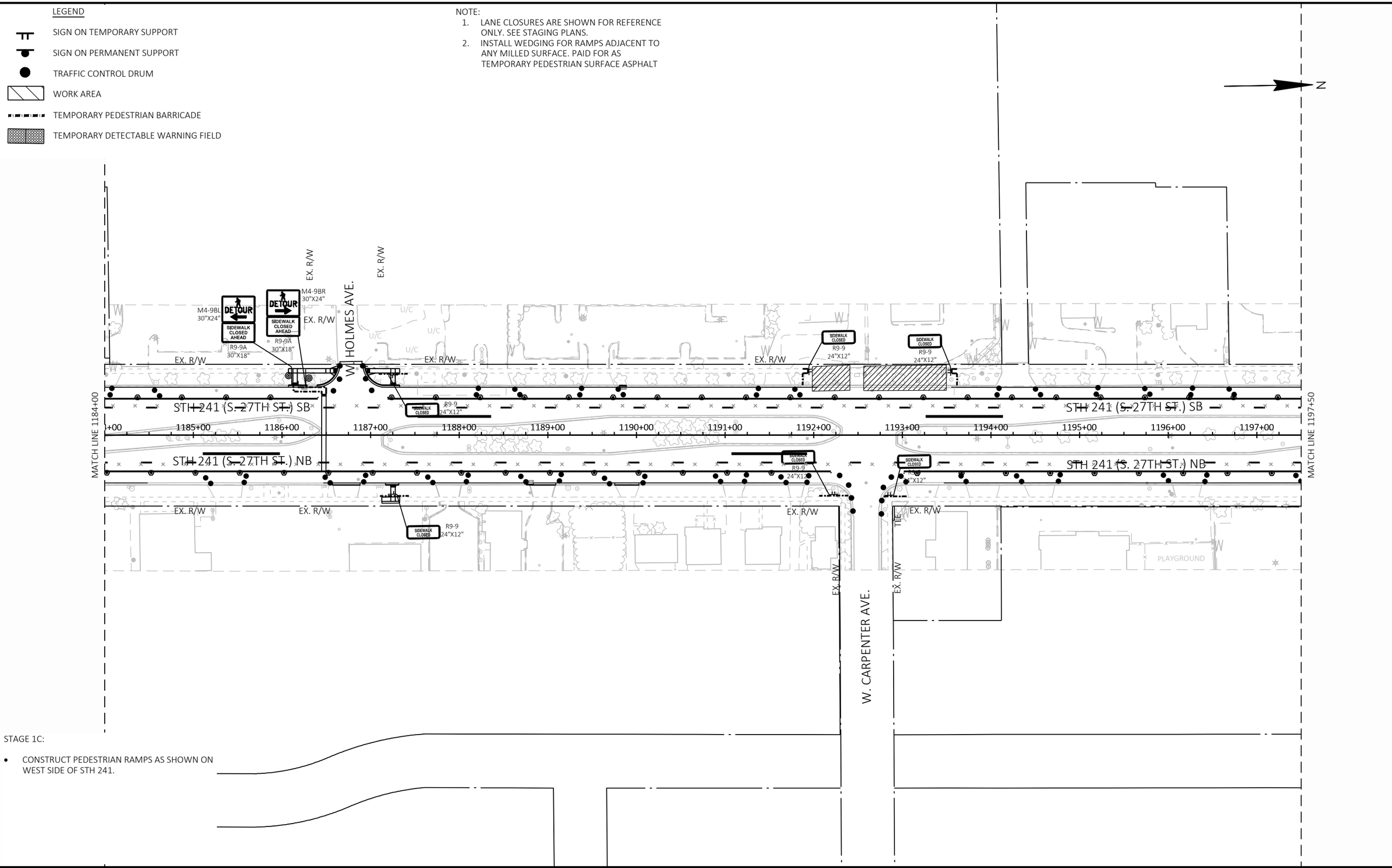
FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\025003-PED.DWG
LAYOUT NAME - 06
PLOT DATE : 11/20/2024 3:32 PM
PLOT BY : STRASSER, JEFFREY
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

2

LEGEND

- SIGN ON TEMPORARY SUPPORT
- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- WORK AREA
- TEMPORARY PEDESTRIAN BARRICADE
- TEMPORARY DETECTABLE WARNING FIELD

NOTE:
1. LANE CLOSURES ARE SHOWN FOR REFERENCE ONLY. SEE STAGING PLANS.
2. INSTALL WEDGING FOR RAMPS ADJACENT TO ANY MILLED SURFACE. PAID FOR AS TEMPORARY PEDESTRIAN SURFACE ASPHALT



STAGE 1C:

- CONSTRUCT PEDESTRIAN RAMPS AS SHOWN ON WEST SIDE OF STH 241.

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	PEDESTRIAN DETOUR - STAGE 1C	SHEET 320	E

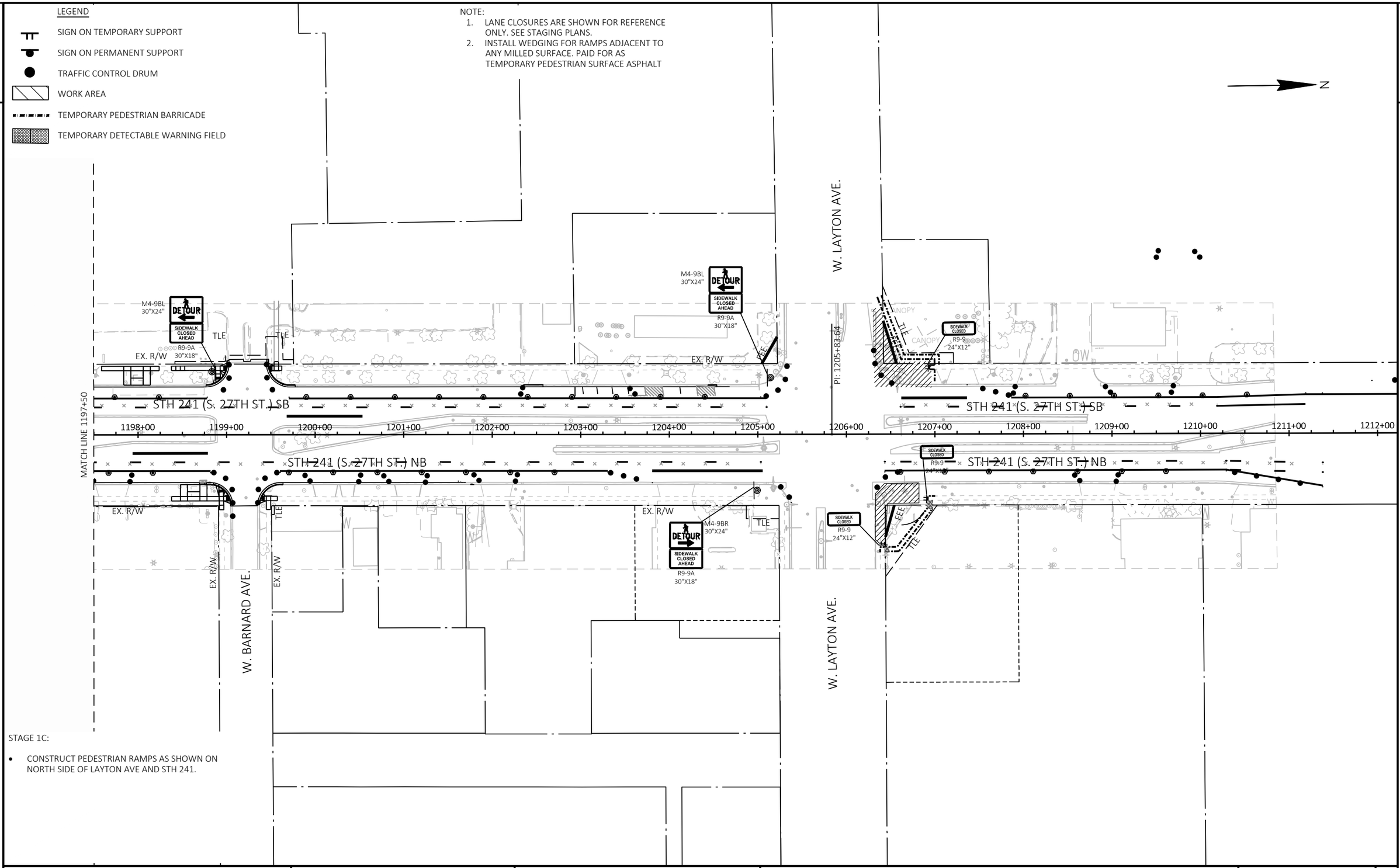
FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\025003-PED.DWG
LAYOUT NAME - 07
PLOT DATE : 11/20/2024 3:32 PM
PLOT BY : STRASSER, JEFFREY
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

2

LEGEND

- SIGN ON TEMPORARY SUPPORT
- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- WORK AREA
- TEMPORARY PEDESTRIAN BARRICADE
- TEMPORARY DETECTABLE WARNING FIELD

NOTE:
1. LANE CLOSURES ARE SHOWN FOR REFERENCE ONLY. SEE STAGING PLANS.
2. INSTALL WEDGING FOR RAMPS ADJACENT TO ANY MILLED SURFACE. PAID FOR AS TEMPORARY PEDESTRIAN SURFACE ASPHALT



STAGE 1C:

- CONSTRUCT PEDESTRIAN RAMPS AS SHOWN ON NORTH SIDE OF LAYTON AVE AND STH 241.

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	PEDESTRIAN DETOUR - STAGE 1C	SHEET 321	E

2

LEGEND

- SIGN ON TEMPORARY SUPPORT
- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- WORK AREA
- TEMPORARY PEDESTRIAN BARRICADE
- TEMPORARY DETECTABLE WARNING FIELD

NOTE:
1. LANE CLOSURES ARE SHOWN FOR REFERENCE ONLY. SEE STAGING PLANS.
2. INSTALL WEDGING FOR RAMPS ADJACENT TO ANY MILLED SURFACE. PAID FOR AS TEMPORARY PEDESTRIAN SURFACE ASPHALT

N

/2021

EX. R/W

STH 241 (S. 27TH ST.) SB

1100+00 1101+00 1102+00 1103+00 1104+00 1105+00 1106+00 1107+00 1108+00 1109+00 1110+00 1111+00 1112+00 1113+00 1114+00 1115+00

MATCH LINE 1115+00

SIDEWALK CLOSED R9-9 24"X12"

STH 241 (S. 27TH ST.) NB

EX. R/W

DETOUR M4-9BL 30"X24"
SIDEWALK CLOSED AHEAD R9-9A 30"X18"

DETOUR M4-9BR 30"X24"
SIDEWALK CLOSED AHEAD R9-9A 30"X18"

W. MANGOLD AVE.

W. KIMBERLY AVE.

STAGE 1D:

- CONSTRUCT PEDESTRIAN RAMPS AS SHOWN ON EAST SIDE OF STH 241.

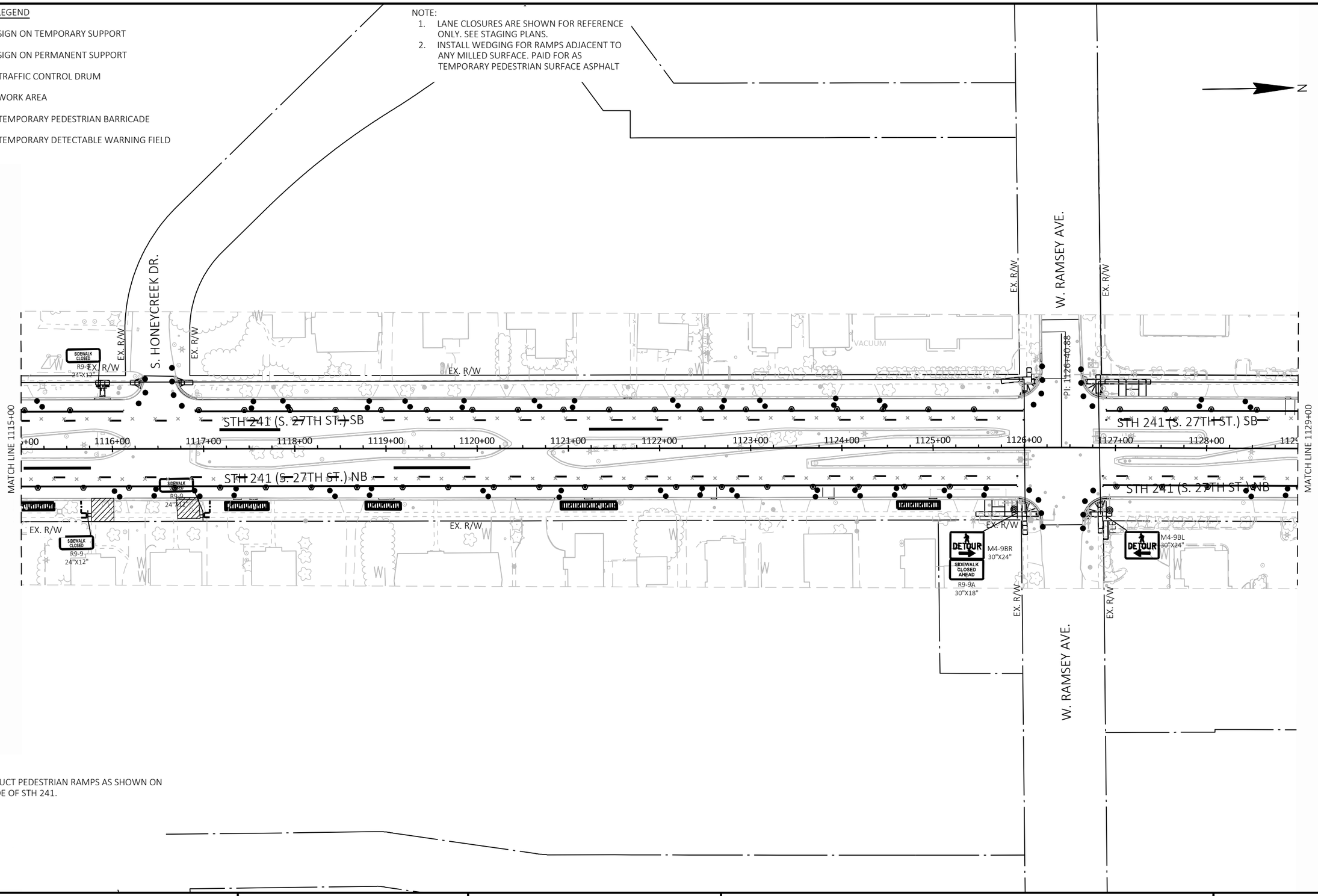
PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	PEDESTRIAN DETOUR - STAGE 1D	SHEET 322	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\025004-PED.DWG
LAYOUT NAME - 01
PLOT DATE : 11/20/2024 3:33 PM PLOT BY : STRASSER, JEFFREY PLOT NAME : PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

LEGEND

- SIGN ON TEMPORARY SUPPORT
- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- WORK AREA
- TEMPORARY PEDESTRIAN BARRICADE
- TEMPORARY DETECTABLE WARNING FIELD

NOTE:
1. LANE CLOSURES ARE SHOWN FOR REFERENCE ONLY. SEE STAGING PLANS.
2. INSTALL WEDGING FOR RAMPS ADJACENT TO ANY MILLED SURFACE. PAID FOR AS TEMPORARY PEDESTRIAN SURFACE ASPHALT



STAGE 1D:

- CONSTRUCT PEDESTRIAN RAMPS AS SHOWN ON EAST SIDE OF STH 241.

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	PEDESTRIAN DETOUR - STAGE 1D	SHEET 323	E

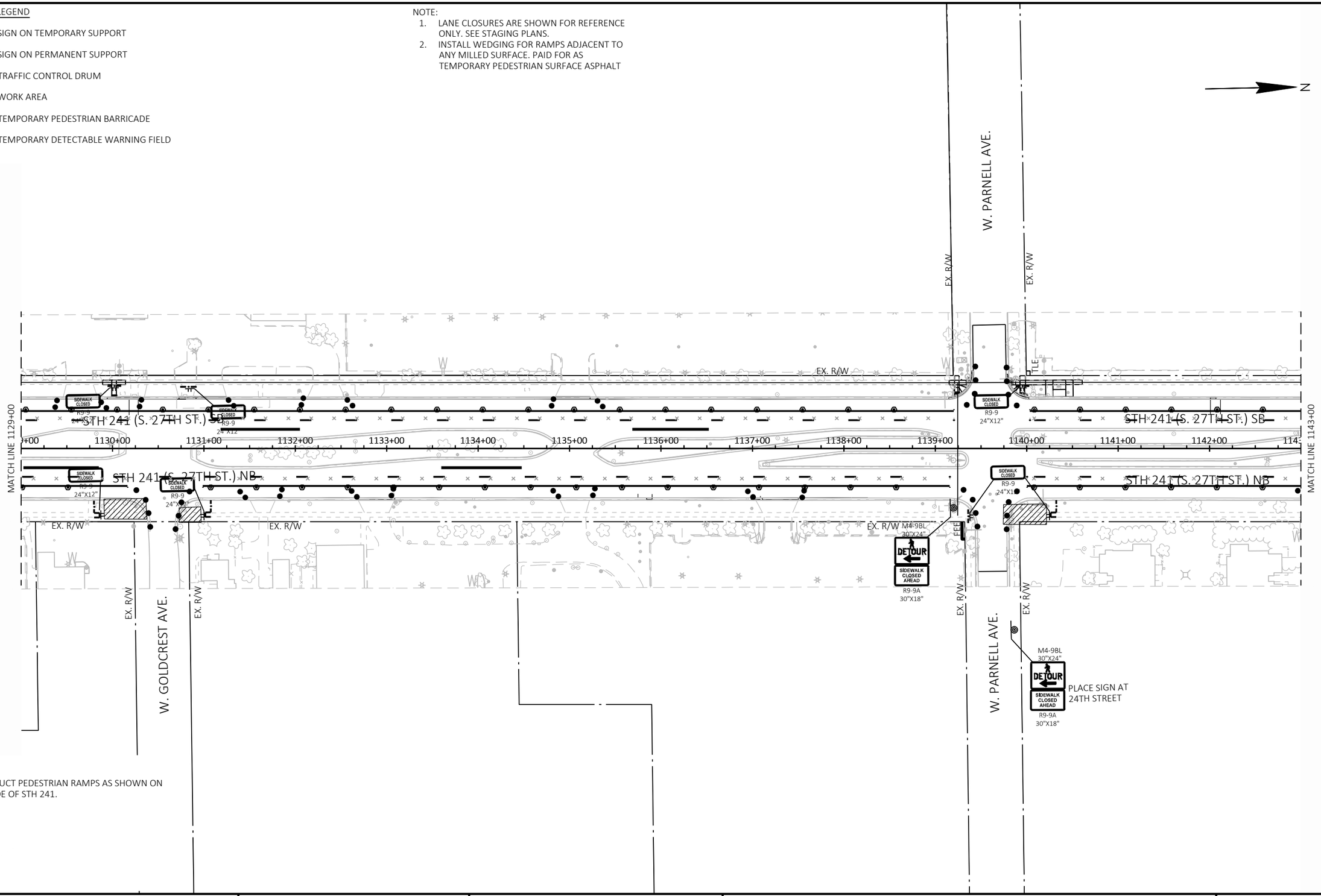
FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\025004-PED.DWG
LAYOUT NAME - 02
PLOT DATE : 11/20/2024 3:33 PM
PLOT BY : STRASSER, JEFFREY
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

2

LEGEND

- SIGN ON TEMPORARY SUPPORT
- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- WORK AREA
- TEMPORARY PEDESTRIAN BARRICADE
- TEMPORARY DETECTABLE WARNING FIELD

NOTE:
1. LANE CLOSURES ARE SHOWN FOR REFERENCE ONLY. SEE STAGING PLANS.
2. INSTALL WEDGING FOR RAMPS ADJACENT TO ANY MILLED SURFACE. PAID FOR AS TEMPORARY PEDESTRIAN SURFACE ASPHALT



STAGE 1D:

- CONSTRUCT PEDESTRIAN RAMPS AS SHOWN ON EAST SIDE OF STH 241.

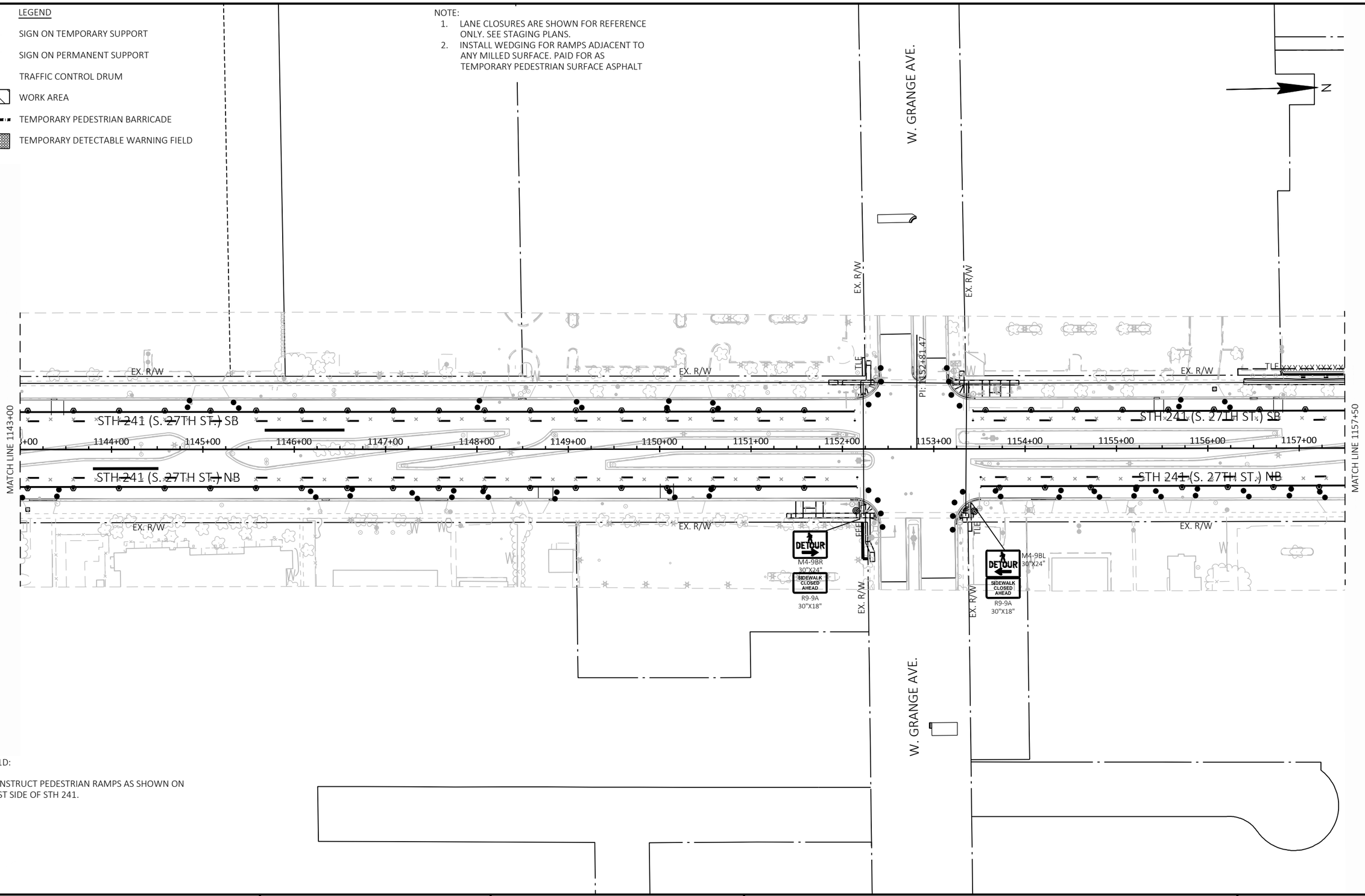
PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	PEDESTRIAN DETOUR - STAGE 1D	SHEET 324	E

2

LEGEND

- SIGN ON TEMPORARY SUPPORT
- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- WORK AREA
- TEMPORARY PEDESTRIAN BARRICADE
- TEMPORARY DETECTABLE WARNING FIELD

NOTE:
1. LANE CLOSURES ARE SHOWN FOR REFERENCE ONLY. SEE STAGING PLANS.
2. INSTALL WEDGING FOR RAMPS ADJACENT TO ANY MILLED SURFACE. PAID FOR AS TEMPORARY PEDESTRIAN SURFACE ASPHALT



STAGE 1D:

- CONSTRUCT PEDESTRIAN RAMPS AS SHOWN ON EAST SIDE OF STH 241.

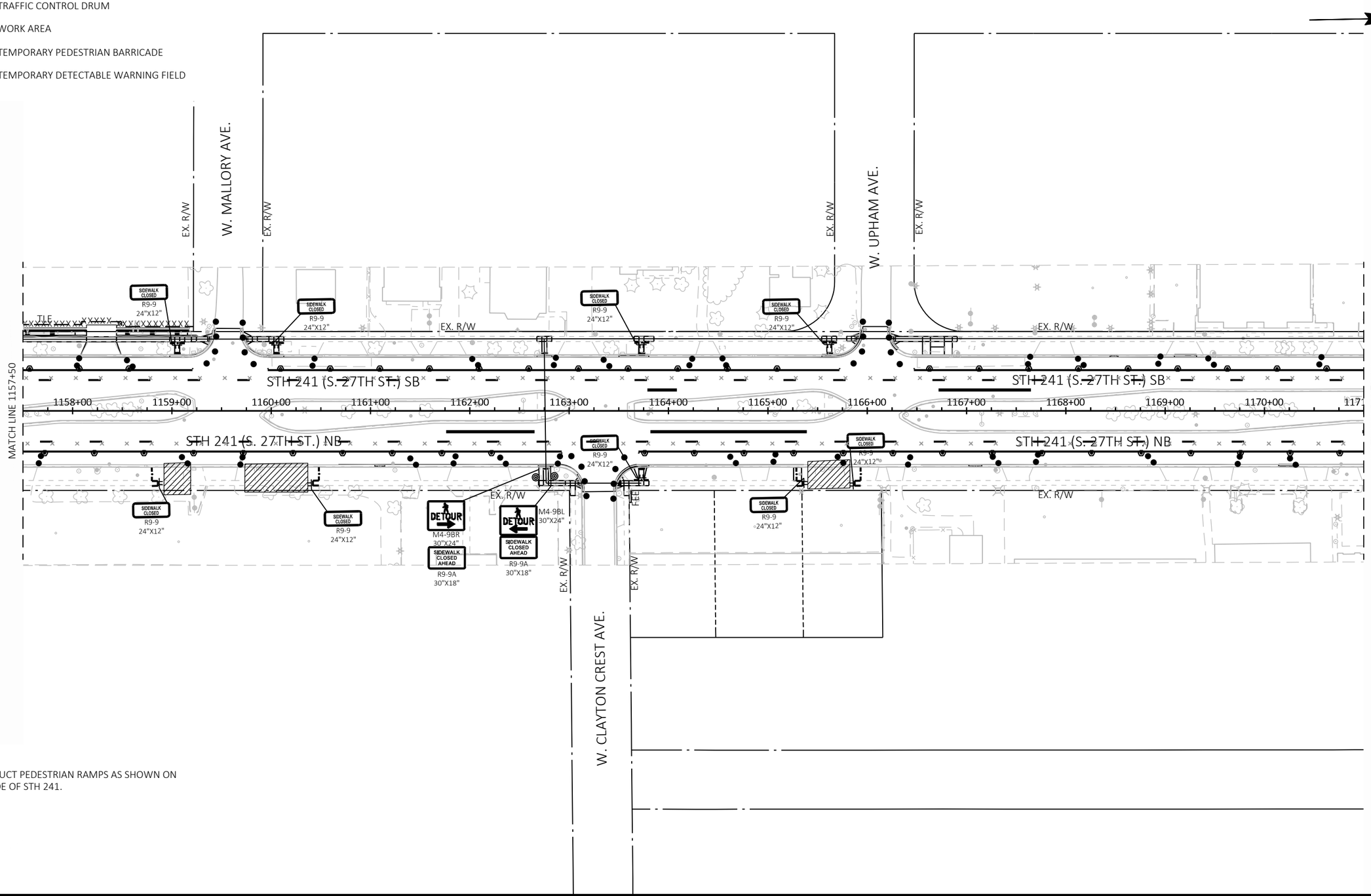
PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	PEDESTRIAN DETOUR - STAGE 1D	SHEET 325 E

2

LEGEND

- SIGN ON TEMPORARY SUPPORT
- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- WORK AREA
- TEMPORARY PEDESTRIAN BARRICADE
- TEMPORARY DETECTABLE WARNING FIELD

NOTE:
1. LANE CLOSURES ARE SHOWN FOR REFERENCE ONLY. SEE STAGING PLANS.
2. INSTALL WEDGING FOR RAMPS ADJACENT TO ANY MILLED SURFACE. PAID FOR AS TEMPORARY PEDESTRIAN SURFACE ASPHALT



STAGE 1D:

- CONSTRUCT PEDESTRIAN RAMPS AS SHOWN ON EAST SIDE OF STH 241.

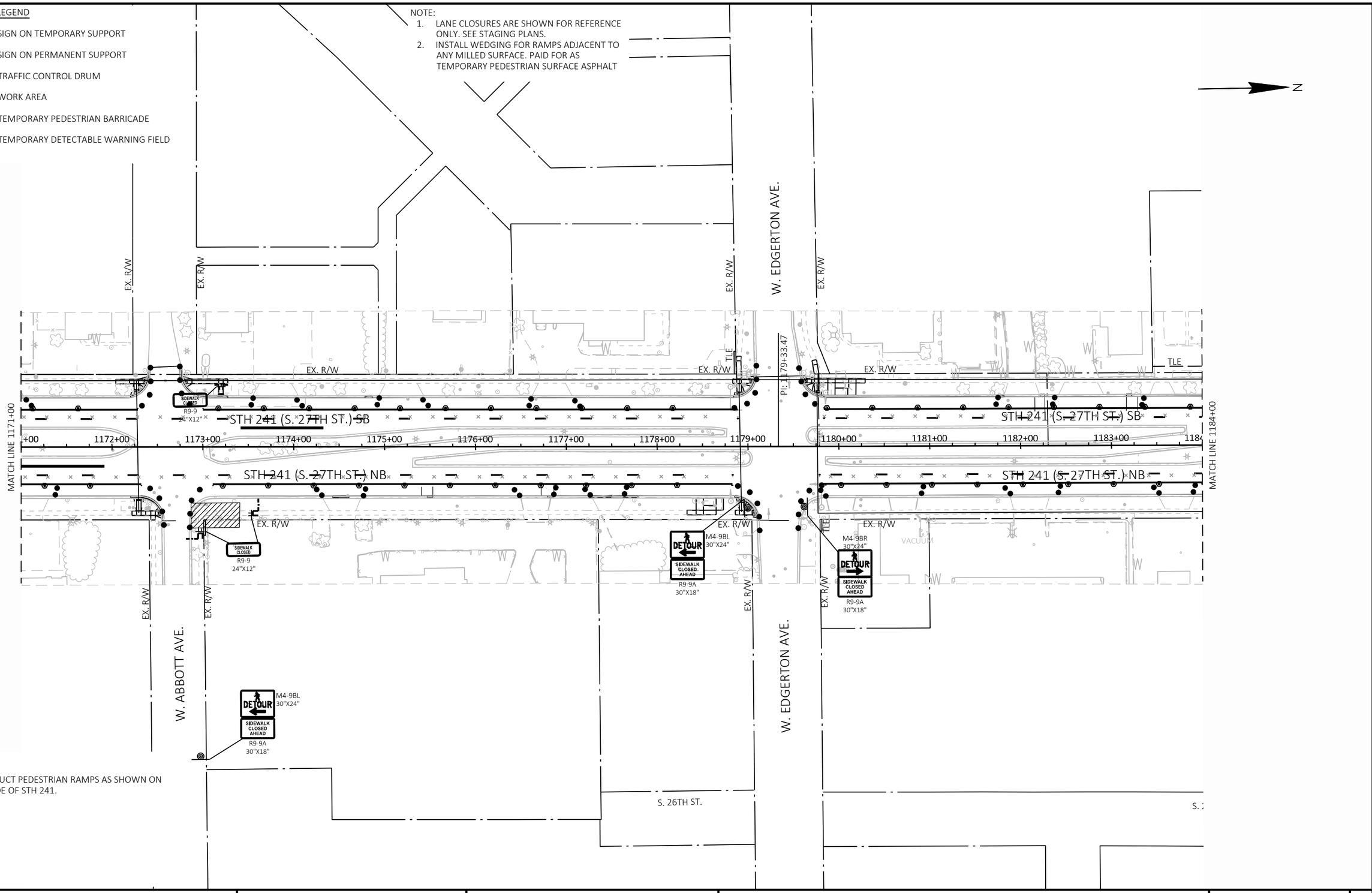
PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	PEDESTRIAN DETOUR - STAGE 1D	SHEET 326	E

2

LEGEND

- SIGN ON TEMPORARY SUPPORT
- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- WORK AREA
- TEMPORARY PEDESTRIAN BARRICADE
- TEMPORARY DETECTABLE WARNING FIELD

NOTE:
1. LANE CLOSURES ARE SHOWN FOR REFERENCE ONLY. SEE STAGING PLANS.
2. INSTALL WEDGING FOR RAMPS ADJACENT TO ANY MILLED SURFACE. PAID FOR AS TEMPORARY PEDESTRIAN SURFACE ASPHALT



STAGE 1D:

- CONSTRUCT PEDESTRIAN RAMPS AS SHOWN ON EAST SIDE OF STH 241.

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	PEDESTRIAN DETOUR - STAGE 1D	SHEET 327	E

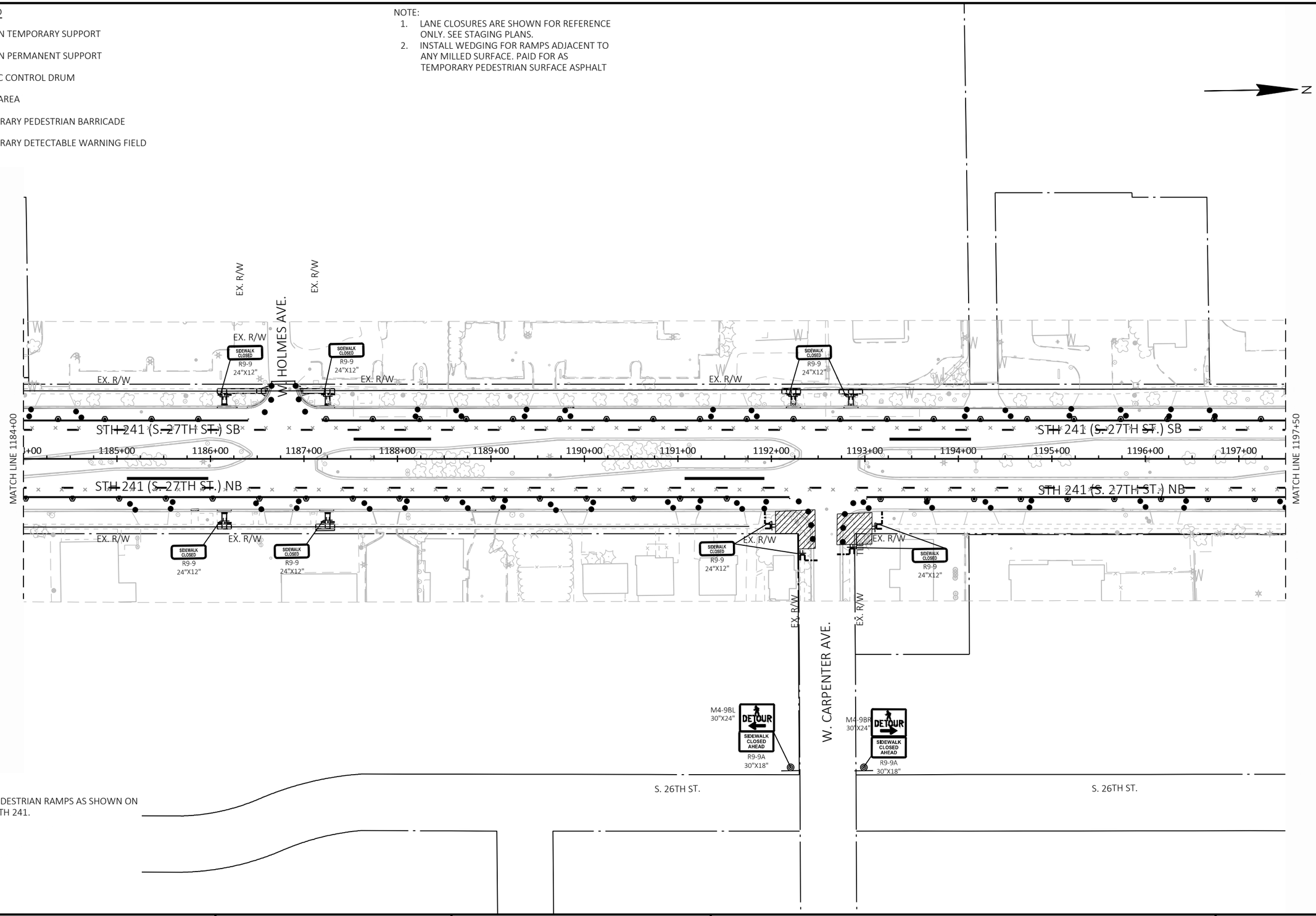
FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\025004-PED.DWG
LAYOUT NAME - 06
PLOT DATE : 11/20/2024 3:33 PM
PLOT BY : STRASSER, JEFFREY
PLOT NAME :
PLOT SCALE : 1 IN:100 FT

2

LEGEND

- SIGN ON TEMPORARY SUPPORT
- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- WORK AREA
- TEMPORARY PEDESTRIAN BARRICADE
- TEMPORARY DETECTABLE WARNING FIELD

NOTE:
1. LANE CLOSURES ARE SHOWN FOR REFERENCE ONLY. SEE STAGING PLANS.
2. INSTALL WEDGING FOR RAMPS ADJACENT TO ANY MILLED SURFACE. PAID FOR AS TEMPORARY PEDESTRIAN SURFACE ASPHALT



STAGE 1D:

- CONSTRUCT PEDESTRIAN RAMPS AS SHOWN ON EAST SIDE OF STH 241.

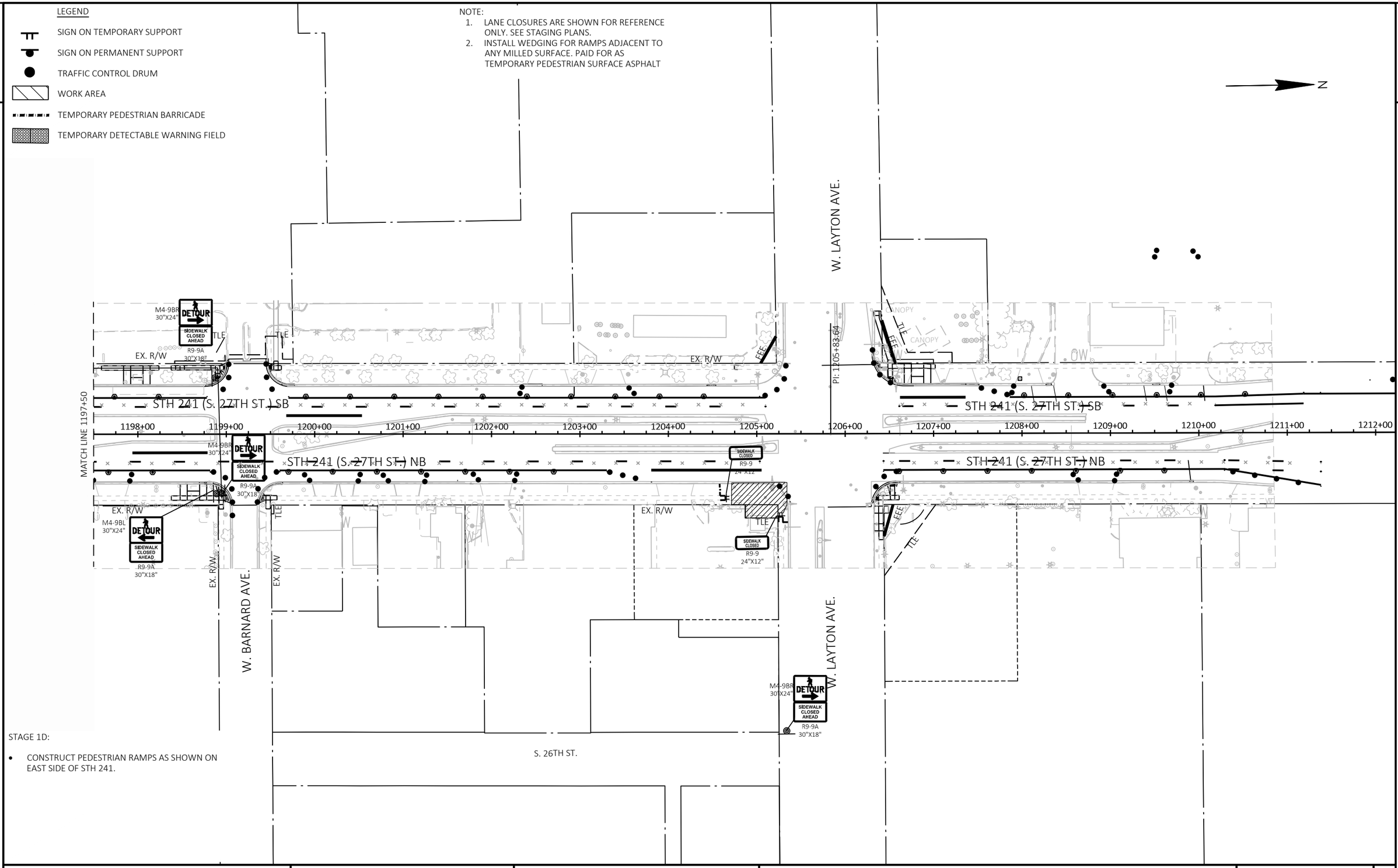
PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	PEDESTRIAN DETOUR - STAGE 1D	SHEET 328	E

2

LEGEND

- SIGN ON TEMPORARY SUPPORT
- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- WORK AREA
- TEMPORARY PEDESTRIAN BARRICADE
- TEMPORARY DETECTABLE WARNING FIELD

NOTE:
1. LANE CLOSURES ARE SHOWN FOR REFERENCE ONLY. SEE STAGING PLANS.
2. INSTALL WEDGING FOR RAMPS ADJACENT TO ANY MILLED SURFACE. PAID FOR AS TEMPORARY PEDESTRIAN SURFACE ASPHALT



STAGE 1D:

- CONSTRUCT PEDESTRIAN RAMPS AS SHOWN ON EAST SIDE OF STH 241.

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	PEDESTRIAN DETOUR - STAGE 1D	SHEET 329	E

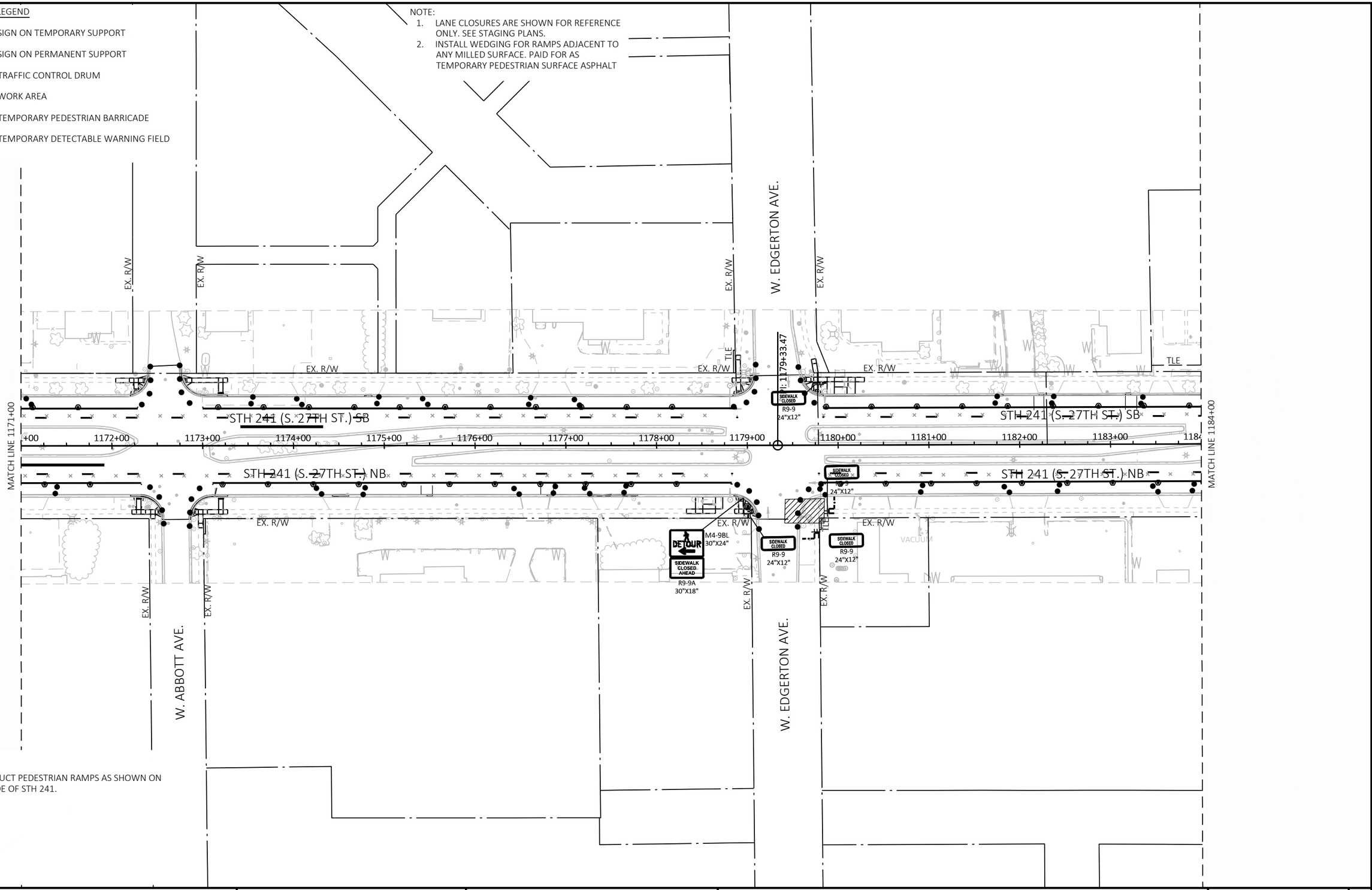
FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\025004-PED.DWG
LAYOUT NAME - 08
PLOT DATE : 11/20/2024 3:33 PM PLOT BY : STRASSER, JEFFREY PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

LEGEND

- SIGN ON TEMPORARY SUPPORT
- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- WORK AREA
- TEMPORARY PEDESTRIAN BARRICADE
- TEMPORARY DETECTABLE WARNING FIELD

NOTE:
1. LANE CLOSURES ARE SHOWN FOR REFERENCE ONLY. SEE STAGING PLANS.
2. INSTALL WEDGING FOR RAMPS ADJACENT TO ANY MILLED SURFACE. PAID FOR AS TEMPORARY PEDESTRIAN SURFACE ASPHALT



STAGE 1E:

- CONSTRUCT PEDESTRIAN RAMPS AS SHOWN ON EAST SIDE OF STH 241.

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	PEDESTRIAN DETOUR - STAGE 1E	SHEET 330	E

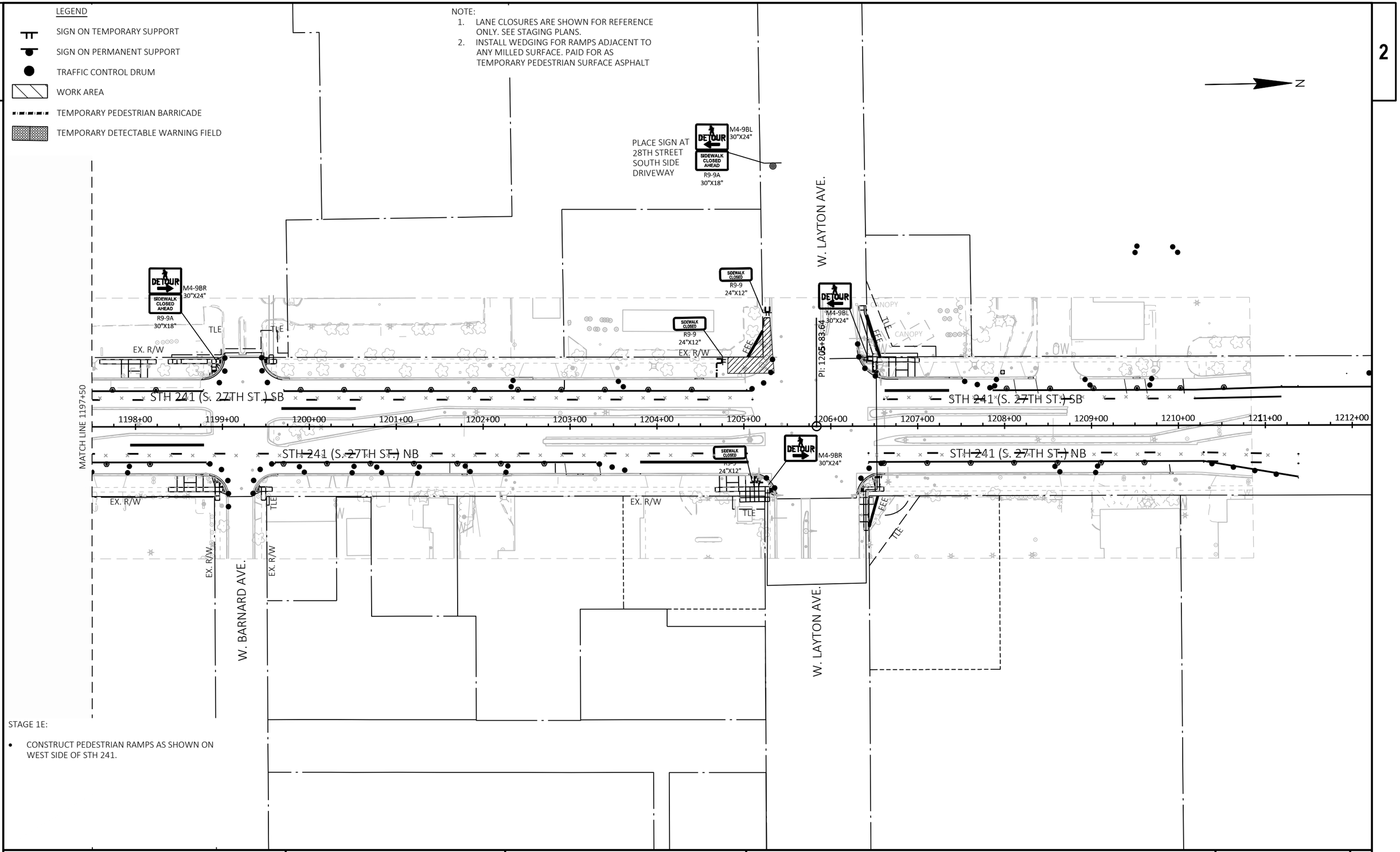
FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\025004A-PED.DWG
LAYOUT NAME - 00
PLOT DATE : 11/20/2024 3:34 PM
PLOT BY : STRASSER, JEFFREY
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

2

LEGEND

- SIGN ON TEMPORARY SUPPORT
- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- WORK AREA
- TEMPORARY PEDESTRIAN BARRICADE
- TEMPORARY DETECTABLE WARNING FIELD

NOTE:
1. LANE CLOSURES ARE SHOWN FOR REFERENCE ONLY. SEE STAGING PLANS.
2. INSTALL WEDGING FOR RAMPS ADJACENT TO ANY MILLED SURFACE. PAID FOR AS TEMPORARY PEDESTRIAN SURFACE ASPHALT



STAGE 1E:

- CONSTRUCT PEDESTRIAN RAMPS AS SHOWN ON WEST SIDE OF STH 241.

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	PEDESTRIAN DETOUR - STAGE 1E	SHEET 331	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\025004A-PED.DWG
LAYOUT NAME - 01
PLOT DATE : 11/20/2024 3:34 PM
PLOT BY : STRASSER, JEFFREY
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

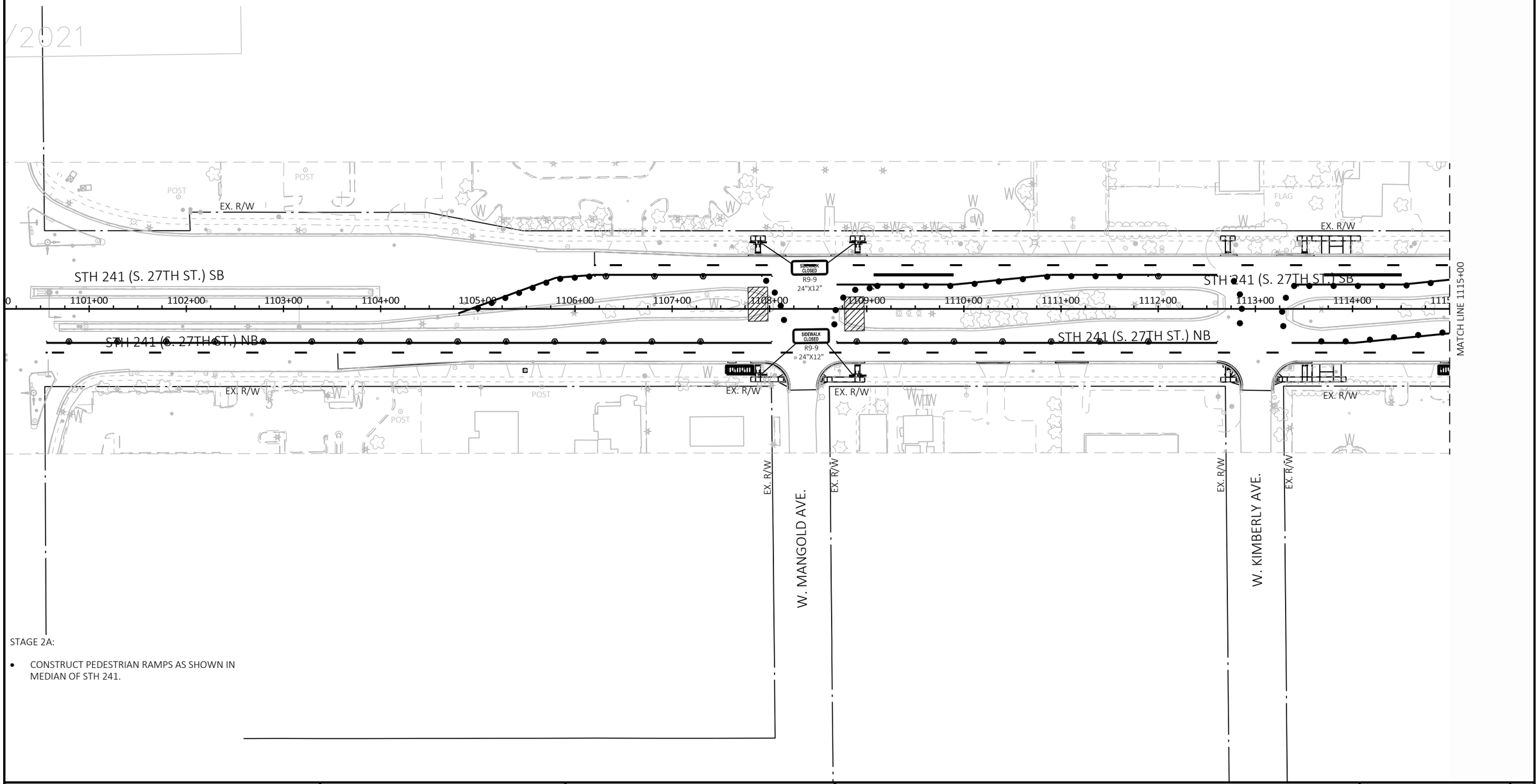
2

LEGEND

- SIGN ON TEMPORARY SUPPORT
- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- WORK AREA
- TEMPORARY PEDESTRIAN BARRICADE
- TEMPORARY DETECTABLE WARNING FIELD

NOTE:
1. LANE CLOSURES ARE SHOWN FOR REFERENCE ONLY. SEE STAGING PLANS.
2. INSTALL WEDGING FOR RAMPS ADJACENT TO ANY MILLED SURFACE. PAID FOR AS TEMPORARY PEDESTRIAN SURFACE ASPHALT

N



STAGE 2A:

- CONSTRUCT PEDESTRIAN RAMPS AS SHOWN IN MEDIAN OF STH 241.

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	PEDESTRIAN DETOUR - STAGE 2A	SHEET 332	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\025005-PED.DWG
LAYOUT NAME - 01
PLOT DATE : 11/20/2024 3:34 PM
PLOT BY : STRASSER, JEFFREY
PLOT NAME :
PLOT SCALE : 1 IN:100 FT

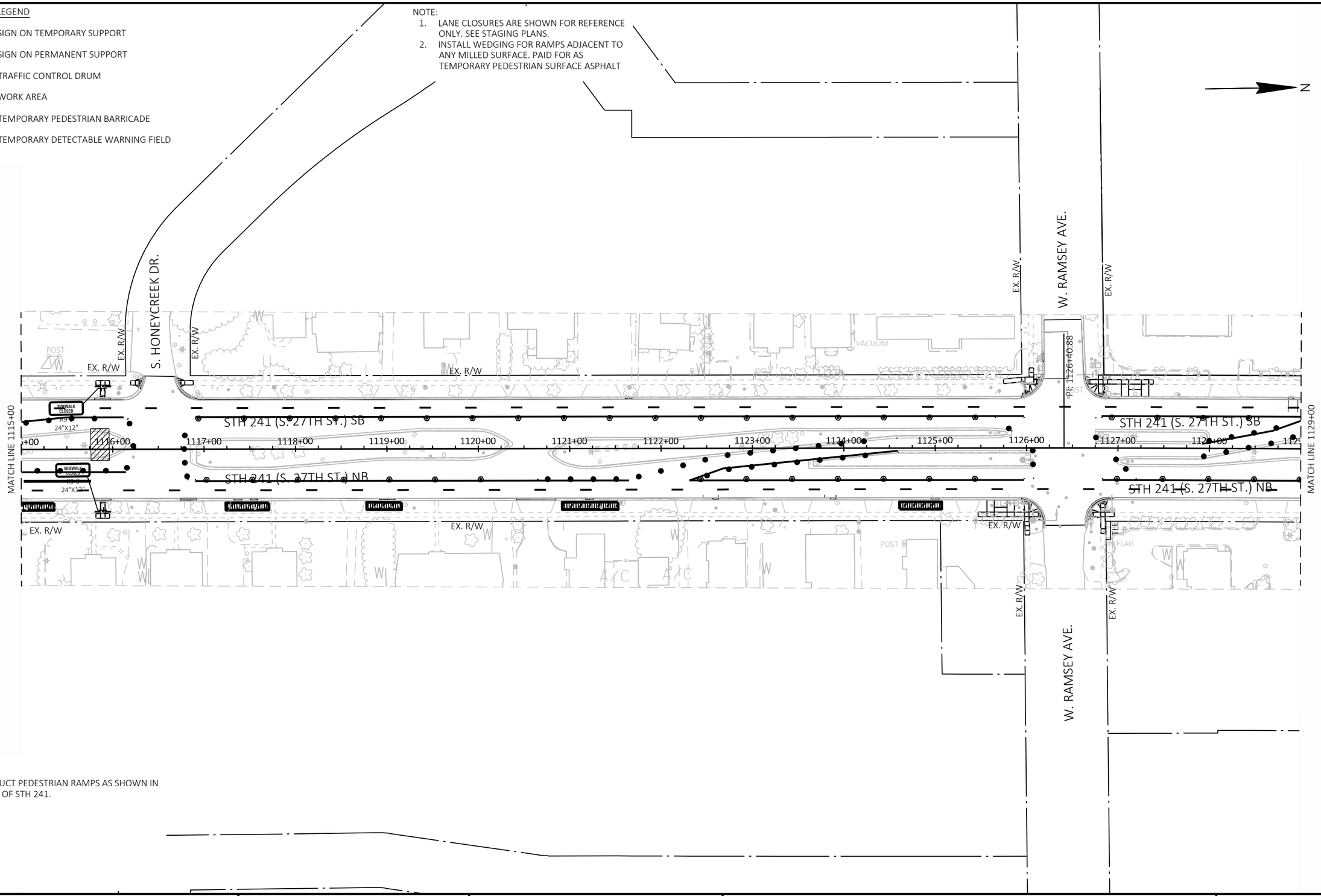
2

LEGEND

- SIGN ON TEMPORARY SUPPORT
- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- WORK AREA
- TEMPORARY PEDESTRIAN BARRICADE
- TEMPORARY DETECTABLE WARNING FIELD

NOTE:

1. LANE CLOSURES ARE SHOWN FOR REFERENCE ONLY. SEE STAGING PLANS.
2. INSTALL WEDGING FOR RAMPS ADJACENT TO ANY MILLED SURFACE. PAID FOR AS TEMPORARY PEDESTRIAN SURFACE ASPHALT



STAGE 2A:

- CONSTRUCT PEDESTRIAN RAMPS AS SHOWN IN MEDIAN OF STH 241.

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	PEDESTRIAN DETOUR - STAGE 2A	SHEET 333	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\025005-PED.DWG
LAYOUT NAME - 02

PLOT DATE : 11/20/2024 3:34 PM PLOT BY : STRASSER, JEFFREY PLOT NAME : PLOT SCALE : 1 IN:100 FT

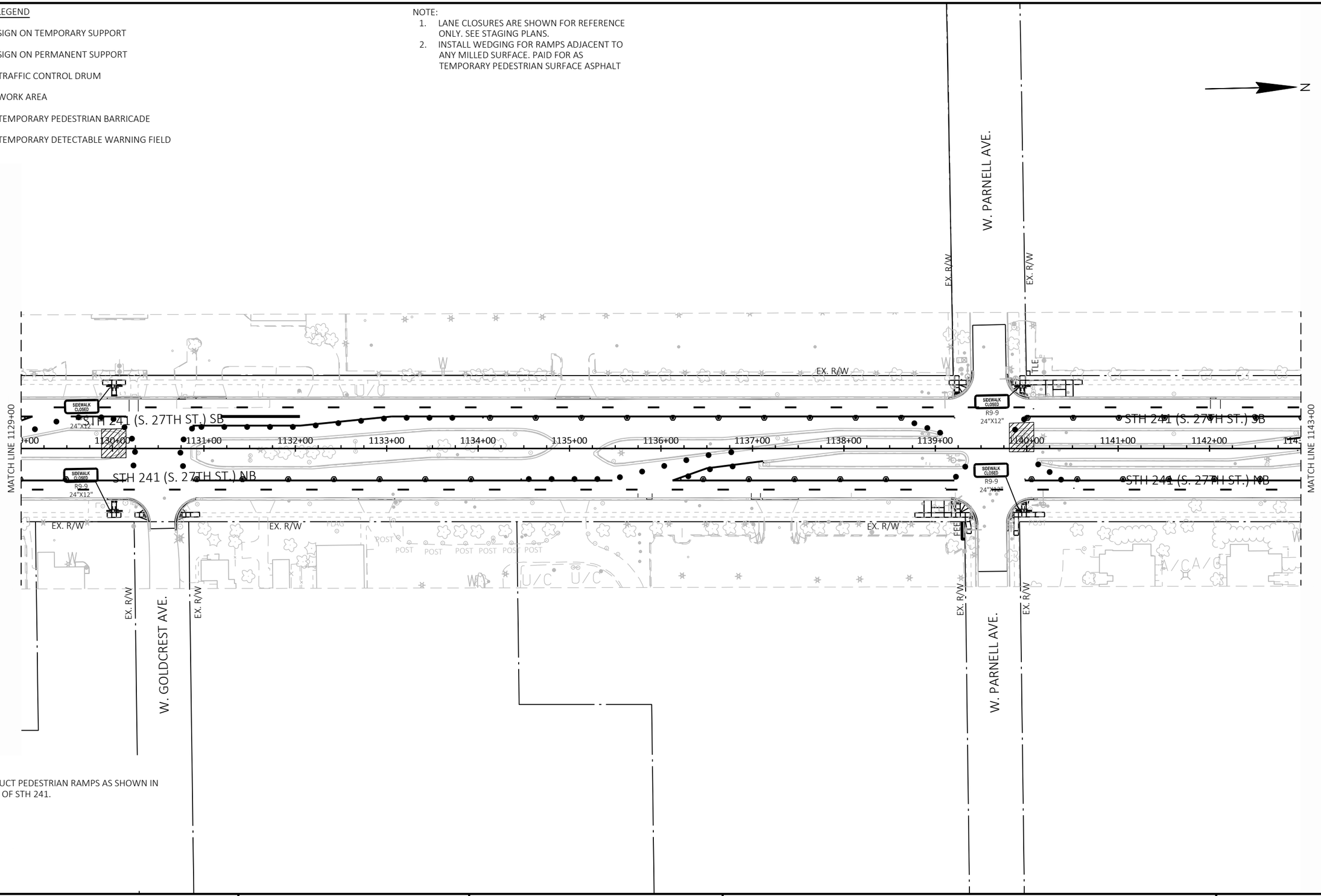
WISDOT/CADDS SHEET 42

2

LEGEND

- SIGN ON TEMPORARY SUPPORT
- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- WORK AREA
- TEMPORARY PEDESTRIAN BARRICADE
- TEMPORARY DETECTABLE WARNING FIELD

NOTE:
1. LANE CLOSURES ARE SHOWN FOR REFERENCE ONLY. SEE STAGING PLANS.
2. INSTALL WEDGING FOR RAMPS ADJACENT TO ANY MILLED SURFACE. PAID FOR AS TEMPORARY PEDESTRIAN SURFACE ASPHALT



STAGE 2A:

- CONSTRUCT PEDESTRIAN RAMPS AS SHOWN IN MEDIAN OF STH 241.

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	PEDESTRIAN DETOUR - STAGE 2A	SHEET 334	E

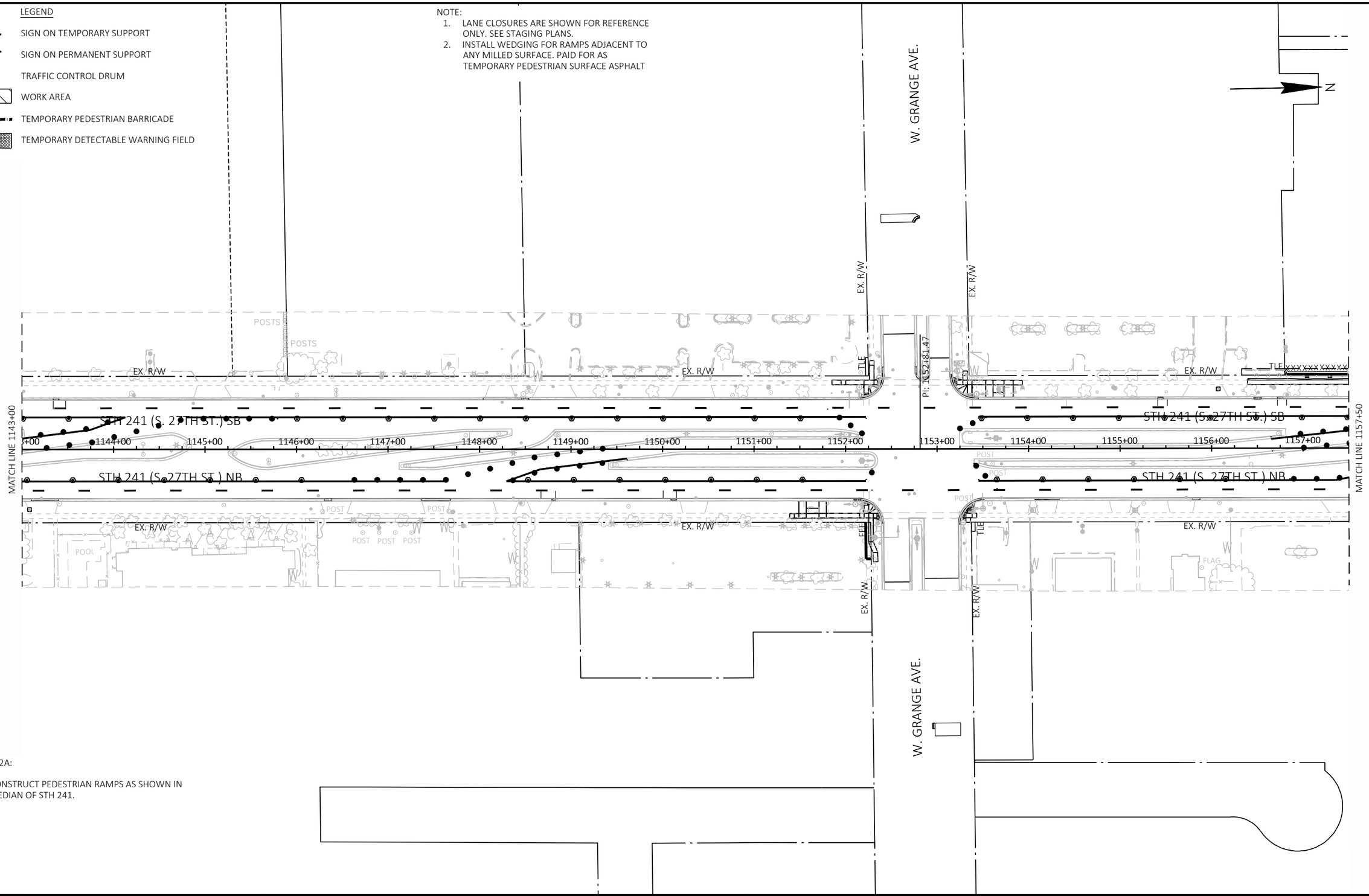
FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\025005-PED.DWG
LAYOUT NAME - 03
PLOT DATE : 11/20/2024 3:34 PM
PLOT BY : STRASSER, JEFFREY
PLOT NAME :
PLOT SCALE : 1 IN:100 FT

2

LEGEND

- SIGN ON TEMPORARY SUPPORT
- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- WORK AREA
- TEMPORARY PEDESTRIAN BARRICADE
- TEMPORARY DETECTABLE WARNING FIELD

NOTE:
1. LANE CLOSURES ARE SHOWN FOR REFERENCE ONLY. SEE STAGING PLANS.
2. INSTALL WEDGING FOR RAMPS ADJACENT TO ANY MILLED SURFACE. PAID FOR AS TEMPORARY PEDESTRIAN SURFACE ASPHALT



STAGE 2A:

- CONSTRUCT PEDESTRIAN RAMPS AS SHOWN IN MEDIAN OF STH 241.

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	PEDESTRIAN DETOUR - STAGE 2A	SHEET 335	E

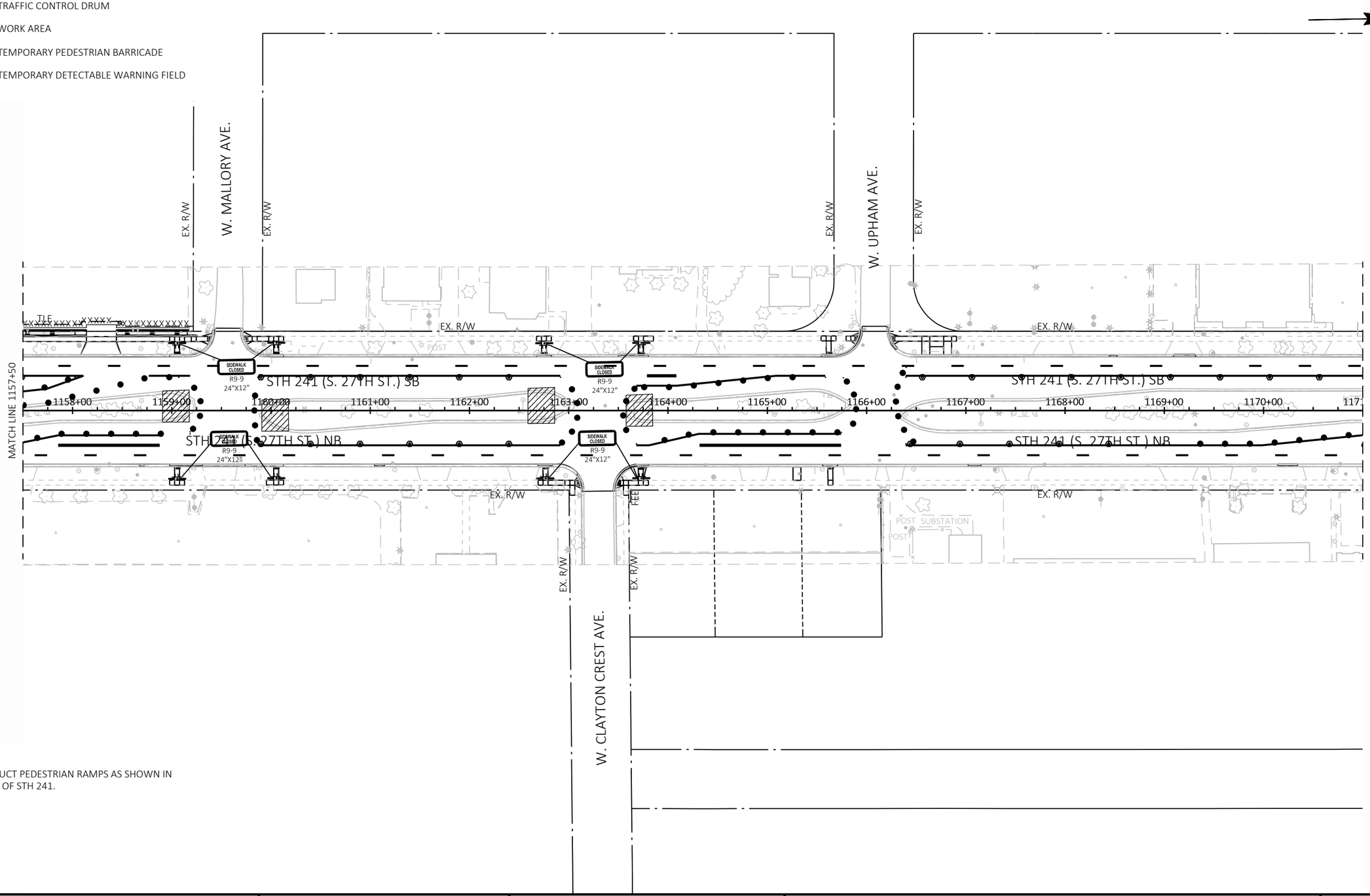
FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\025005-PED.DWG
LAYOUT NAME - 04
PLOT DATE : 11/20/2024 3:34 PM
PLOT BY : STRASSER, JEFFREY
PLOT NAME :
PLOT SCALE : 1 IN:100 FT

2

LEGEND

- SIGN ON TEMPORARY SUPPORT
- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- WORK AREA
- TEMPORARY PEDESTRIAN BARRICADE
- TEMPORARY DETECTABLE WARNING FIELD

NOTE:
1. LANE CLOSURES ARE SHOWN FOR REFERENCE ONLY. SEE STAGING PLANS.
2. INSTALL WEDGING FOR RAMPS ADJACENT TO ANY MILLED SURFACE. PAID FOR AS TEMPORARY PEDESTRIAN SURFACE ASPHALT



STAGE 2A:

- CONSTRUCT PEDESTRIAN RAMPS AS SHOWN IN MEDIAN OF STH 241.

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	PEDESTRIAN DETOUR - STAGE 2A	SHEET 336	E

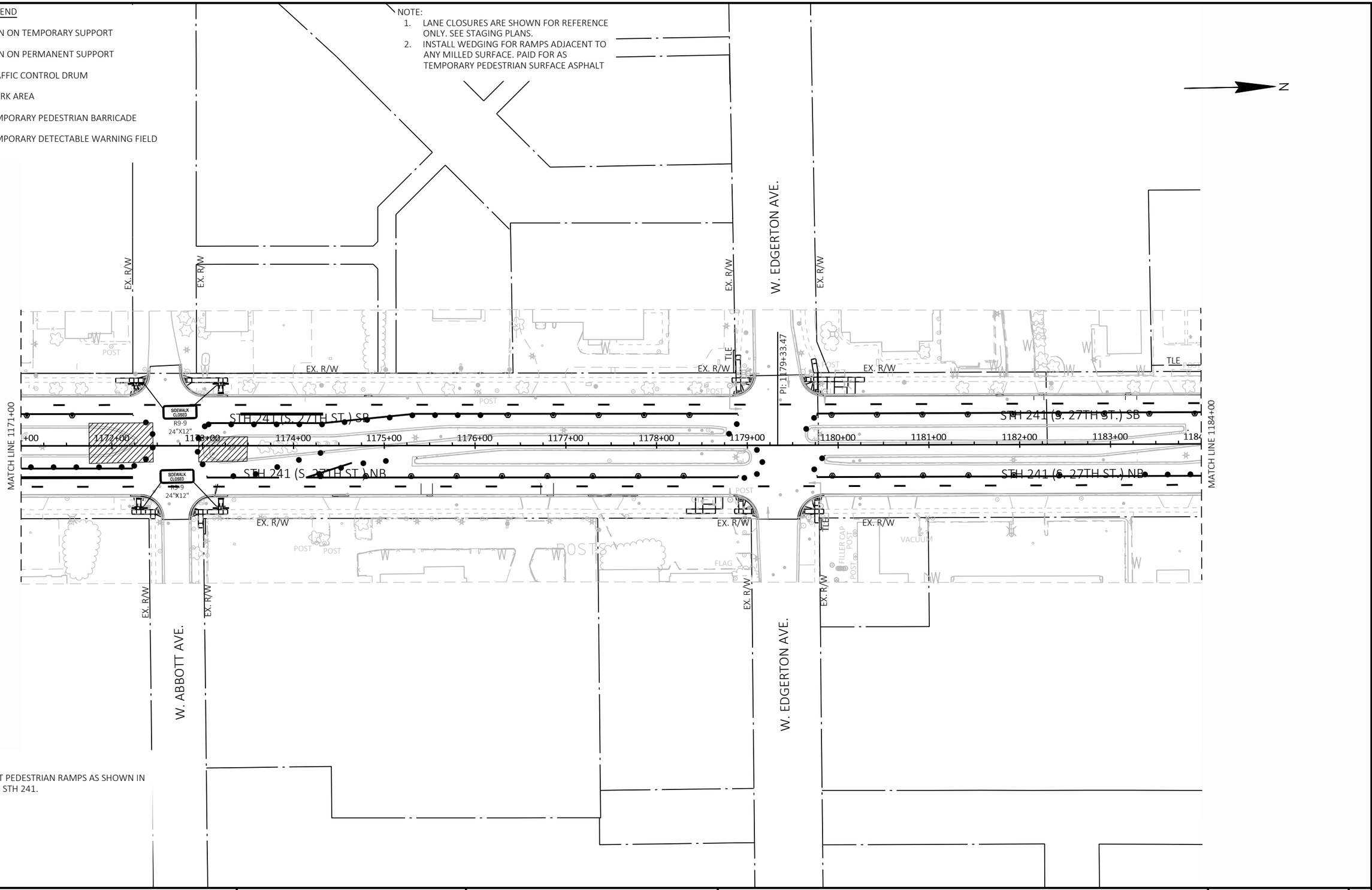
FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\025005-PED.DWG
LAYOUT NAME - 05
PLOT DATE : 11/20/2024 3:35 PM
PLOT BY : STRASSER, JEFFREY
PLOT NAME :
PLOT SCALE : 1 IN:100 FT

LEGEND

- SIGN ON TEMPORARY SUPPORT
- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- WORK AREA
- TEMPORARY PEDESTRIAN BARRICADE
- TEMPORARY DETECTABLE WARNING FIELD

NOTE:

1. LANE CLOSURES ARE SHOWN FOR REFERENCE ONLY. SEE STAGING PLANS.
2. INSTALL WEDGING FOR RAMPS ADJACENT TO ANY MILLED SURFACE. PAID FOR AS TEMPORARY PEDESTRIAN SURFACE ASPHALT



STAGE 2A:

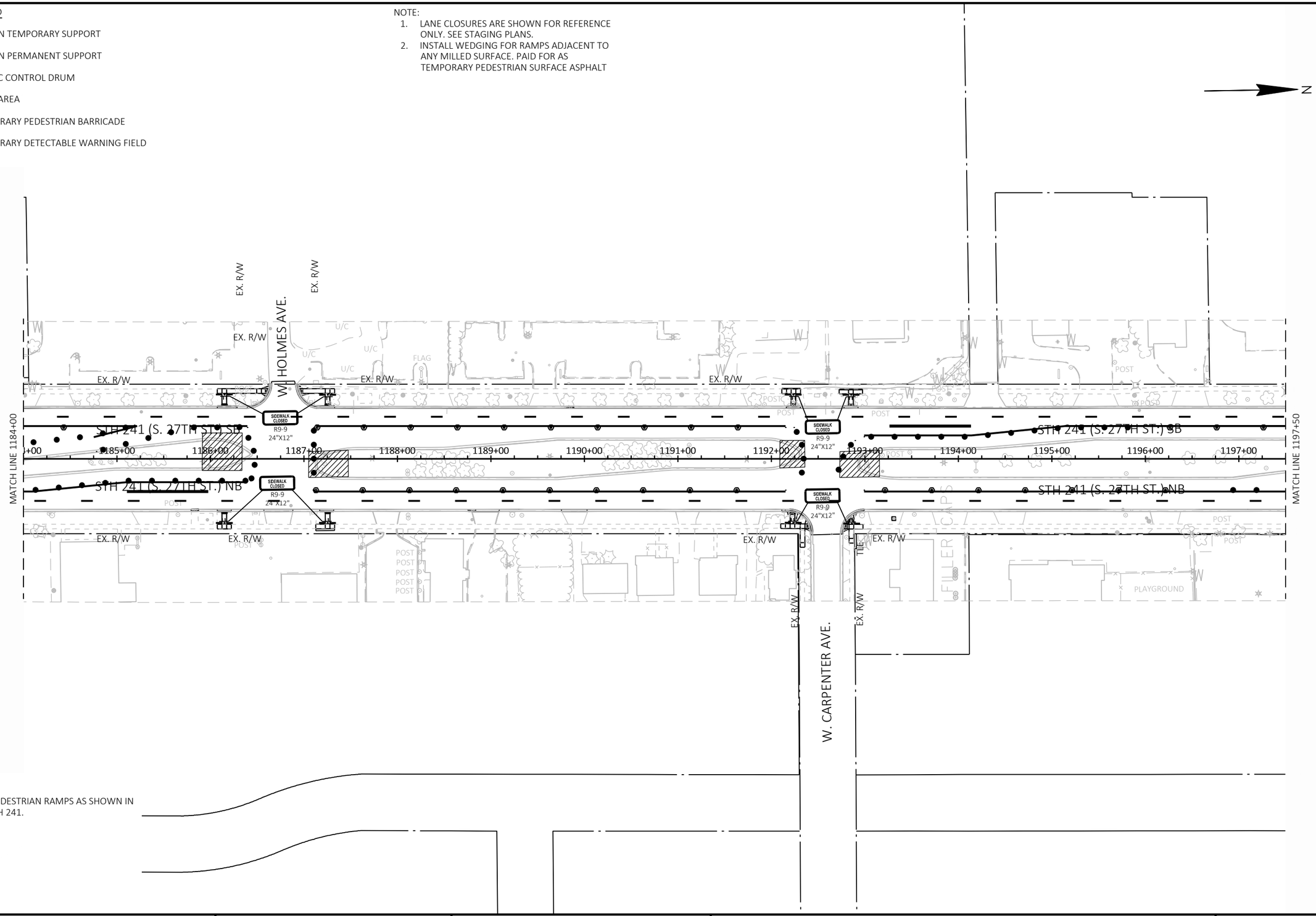
- CONSTRUCT PEDESTRIAN RAMPS AS SHOWN IN MEDIAN OF STH 241.

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	PEDESTRIAN DETOUR - STAGE 2A	SHEET 337	E

LEGEND

- SIGN ON TEMPORARY SUPPORT
- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- WORK AREA
- TEMPORARY PEDESTRIAN BARRICADE
- TEMPORARY DETECTABLE WARNING FIELD

NOTE:
1. LANE CLOSURES ARE SHOWN FOR REFERENCE ONLY. SEE STAGING PLANS.
2. INSTALL WEDGING FOR RAMPS ADJACENT TO ANY MILLED SURFACE. PAID FOR AS TEMPORARY PEDESTRIAN SURFACE ASPHALT



STAGE 2A:

- CONSTRUCT PEDESTRIAN RAMPS AS SHOWN IN MEDIAN OF STH 241.

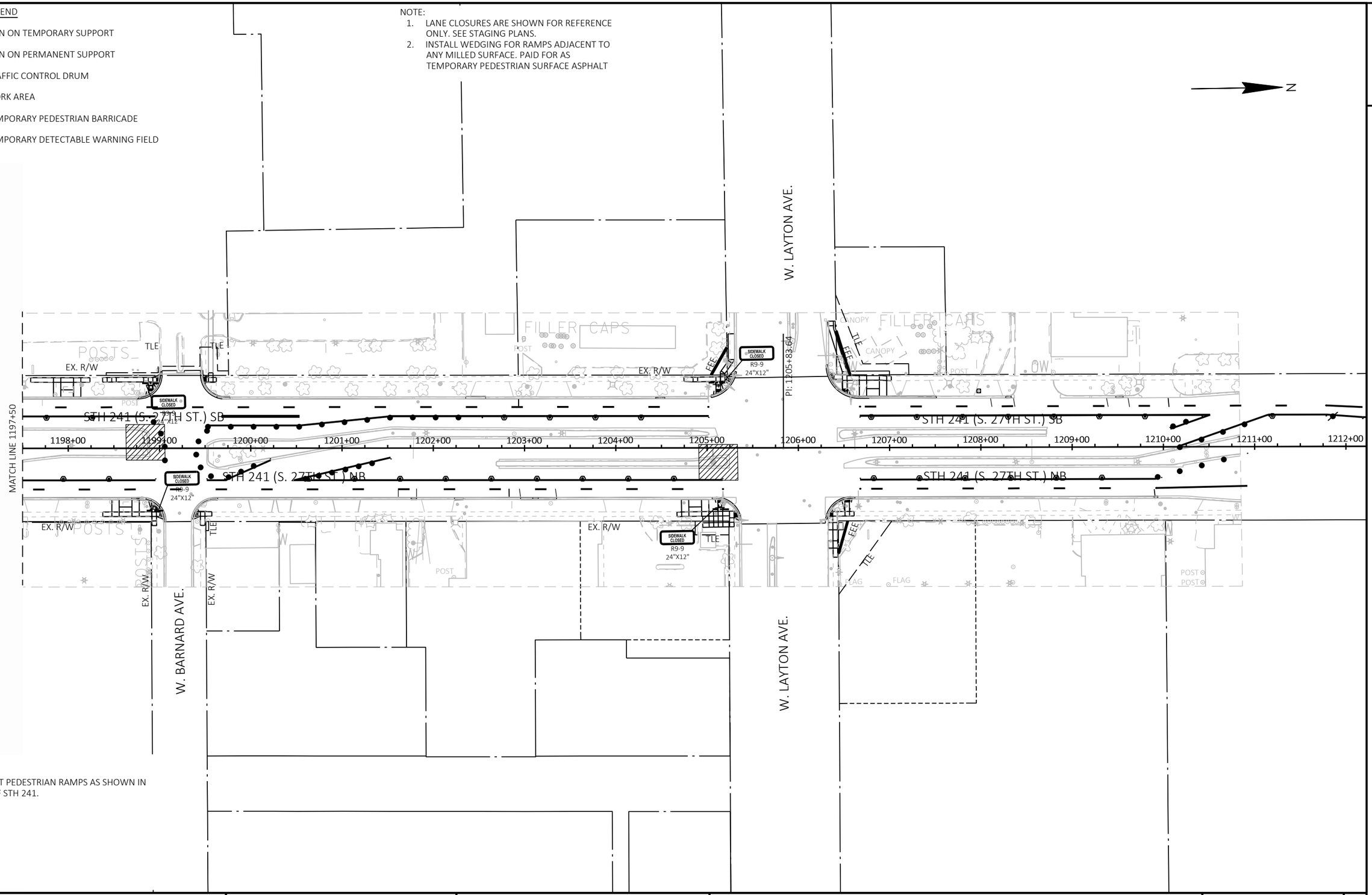
PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	PEDESTRIAN DETOUR - STAGE 2A	SHEET 338	E

2

LEGEND

- SIGN ON TEMPORARY SUPPORT
- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- WORK AREA
- TEMPORARY PEDESTRIAN BARRICADE
- TEMPORARY DETECTABLE WARNING FIELD

NOTE:
1. LANE CLOSURES ARE SHOWN FOR REFERENCE ONLY. SEE STAGING PLANS.
2. INSTALL WEDGING FOR RAMPS ADJACENT TO ANY MILLED SURFACE. PAID FOR AS TEMPORARY PEDESTRIAN SURFACE ASPHALT



STAGE 2A:

- CONSTRUCT PEDESTRIAN RAMPS AS SHOWN IN MEDIAN OF STH 241.

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	PEDESTRIAN DETOUR - STAGE 2A	SHEET 339	E

2

LEGEND

- SIGN ON TEMPORARY SUPPORT
- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- WORK AREA
- TEMPORARY PEDESTRIAN BARRICADE
- TEMPORARY DETECTABLE WARNING FIELD

NOTE:
1. LANE CLOSURES ARE SHOWN FOR REFERENCE ONLY. SEE STAGING PLANS.
2. INSTALL WEDGING FOR RAMPS ADJACENT TO ANY MILLED SURFACE. PAID FOR AS TEMPORARY PEDESTRIAN SURFACE ASPHALT

N

/2021

STH 241 (S. 27TH ST.) SB

STH 241 (S. 27TH ST.) NB

EX. R/W

POST

FLAG

SIDEWALK CLOSED R9-9 24"X12"

1101+00 1102+00 1103+00 1104+00 1105+00 1106+00 1107+00 1108+00 1109+00 1110+00 1111+00 1112+00 1113+00 1114+00 1115

MATCH LINE 1115+00

W. MANGOLD AVE.

W. KIMBERLY AVE.

STAGE 2B:

- CONSTRUCT PEDESTRIAN RAMPS AS SHOWN IN MEDIAN OF STH 241.

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	PEDESTRIAN DETOUR - STAGE 2B	SHEET 340	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\025006-PED.DWG
LAYOUT NAME - 01

PLOT DATE : 11/20/2024 3:35 PM PLOT BY : STRASSER, JEFFREY PLOT NAME : PLOT SCALE : 1 IN:100 FT

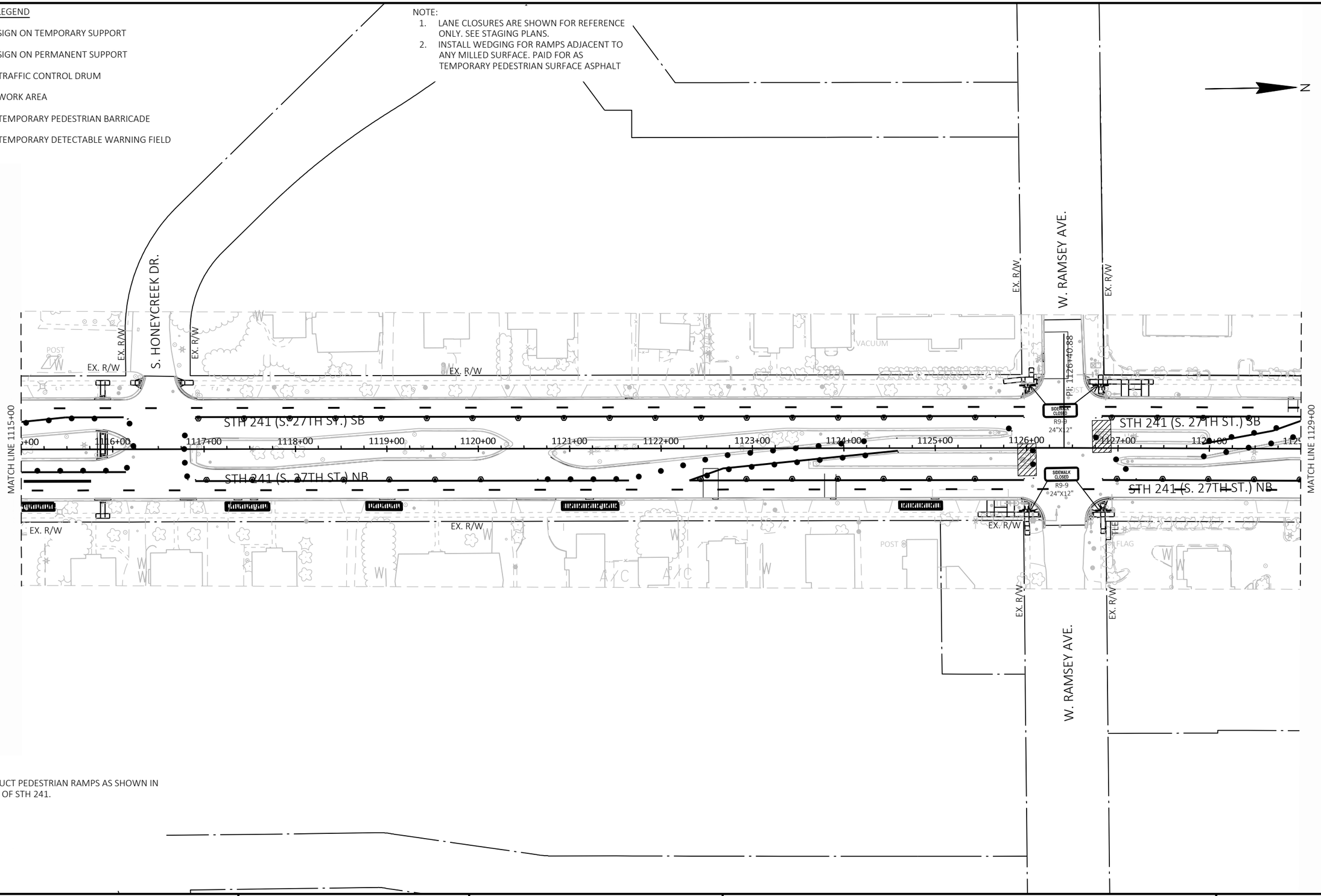
WISDOT/CADDS SHEET 42

2

LEGEND

- SIGN ON TEMPORARY SUPPORT
- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- WORK AREA
- TEMPORARY PEDESTRIAN BARRICADE
- TEMPORARY DETECTABLE WARNING FIELD

NOTE:
1. LANE CLOSURES ARE SHOWN FOR REFERENCE ONLY. SEE STAGING PLANS.
2. INSTALL WEDGING FOR RAMPS ADJACENT TO ANY MILLED SURFACE. PAID FOR AS TEMPORARY PEDESTRIAN SURFACE ASPHALT



STAGE 2B:

- CONSTRUCT PEDESTRIAN RAMPS AS SHOWN IN MEDIAN OF STH 241.

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	PEDESTRIAN DETOUR - STAGE 2B	SHEET 341	E

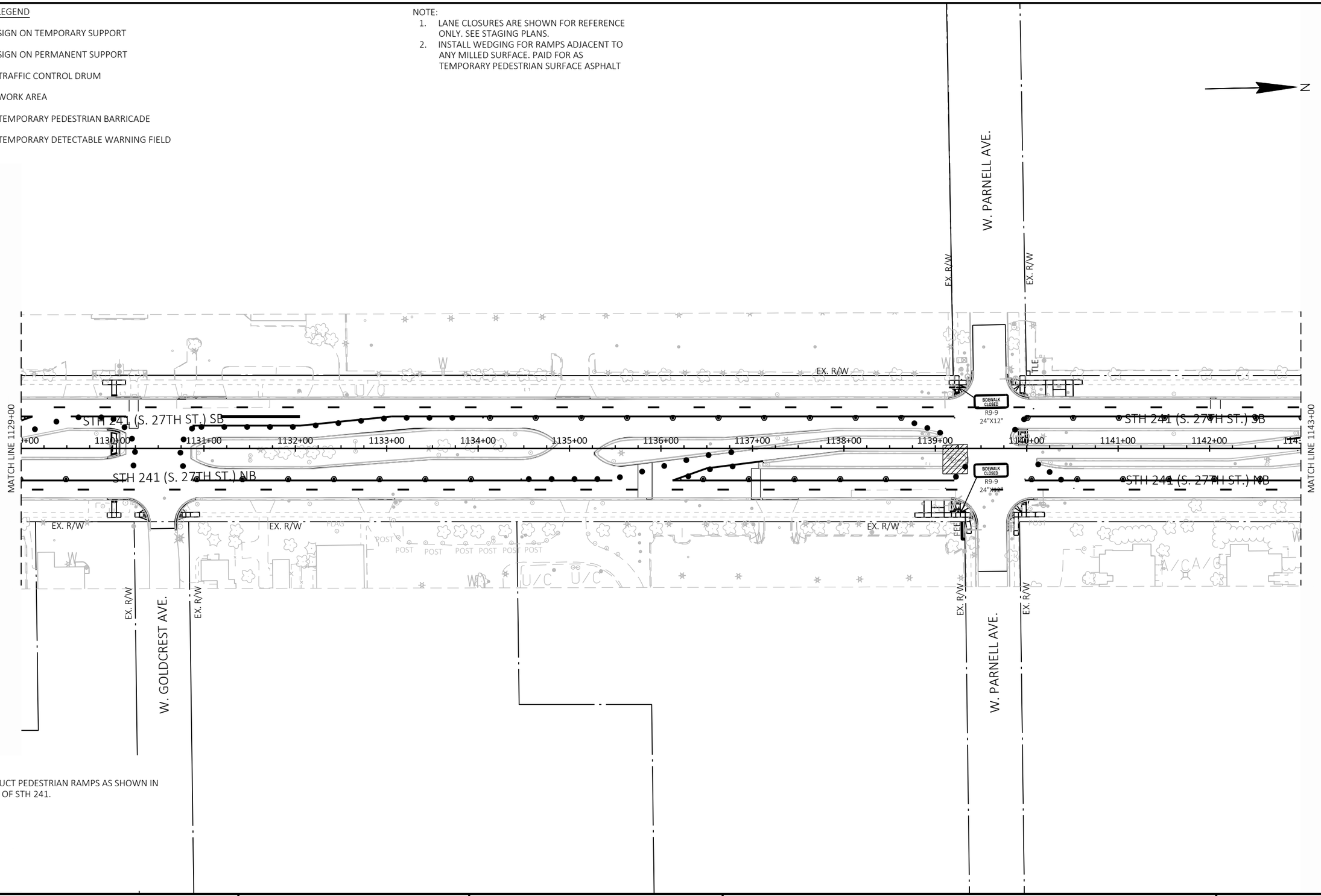
2

LEGEND

- SIGN ON TEMPORARY SUPPORT
- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- WORK AREA
- TEMPORARY PEDESTRIAN BARRICADE
- TEMPORARY DETECTABLE WARNING FIELD

NOTE:

1. LANE CLOSURES ARE SHOWN FOR REFERENCE ONLY. SEE STAGING PLANS.
2. INSTALL WEDGING FOR RAMPS ADJACENT TO ANY MILLED SURFACE. PAID FOR AS TEMPORARY PEDESTRIAN SURFACE ASPHALT



STAGE 2B:

- CONSTRUCT PEDESTRIAN RAMPS AS SHOWN IN MEDIAN OF STH 241.

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	PEDESTRIAN DETOUR - STAGE 2B	SHEET 342	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\025006-PED.DWG
LAYOUT NAME - 03

PLOT DATE : 11/20/2024 3:35 PM PLOT BY : STRASSER, JEFFREY PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

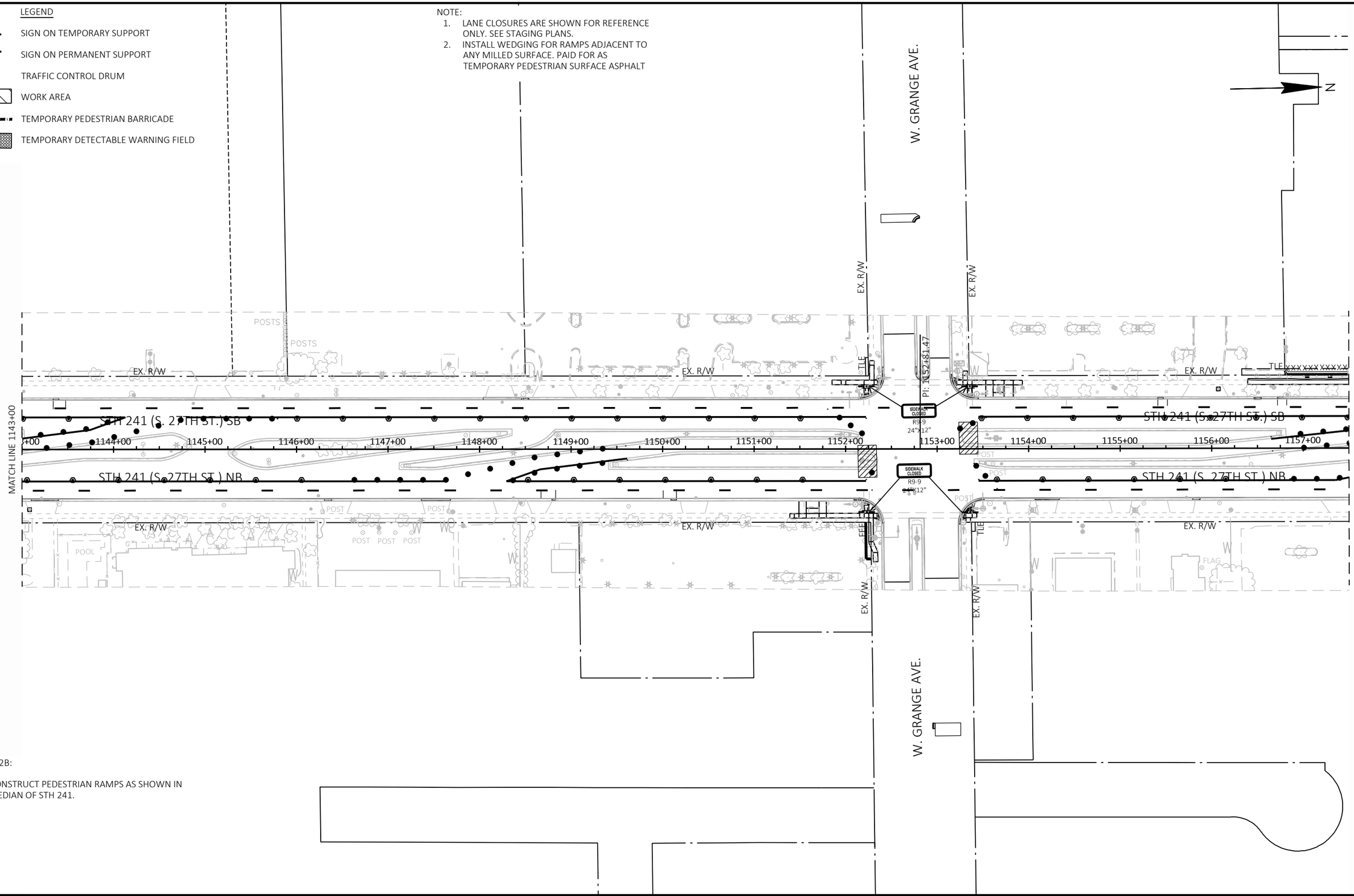
2

LEGEND

- SIGN ON TEMPORARY SUPPORT
- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- WORK AREA
- TEMPORARY PEDESTRIAN BARRICADE
- TEMPORARY DETECTABLE WARNING FIELD

NOTE:

1. LANE CLOSURES ARE SHOWN FOR REFERENCE ONLY. SEE STAGING PLANS.
2. INSTALL WEDGING FOR RAMPS ADJACENT TO ANY MILLED SURFACE. PAID FOR AS TEMPORARY PEDESTRIAN SURFACE ASPHALT



STAGE 2B:

- CONSTRUCT PEDESTRIAN RAMPS AS SHOWN IN MEDIAN OF STH 241.

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	PEDESTRIAN DETOUR - STAGE 2B	SHEET 343	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\025006-PED.DWG
LAYOUT NAME - 04

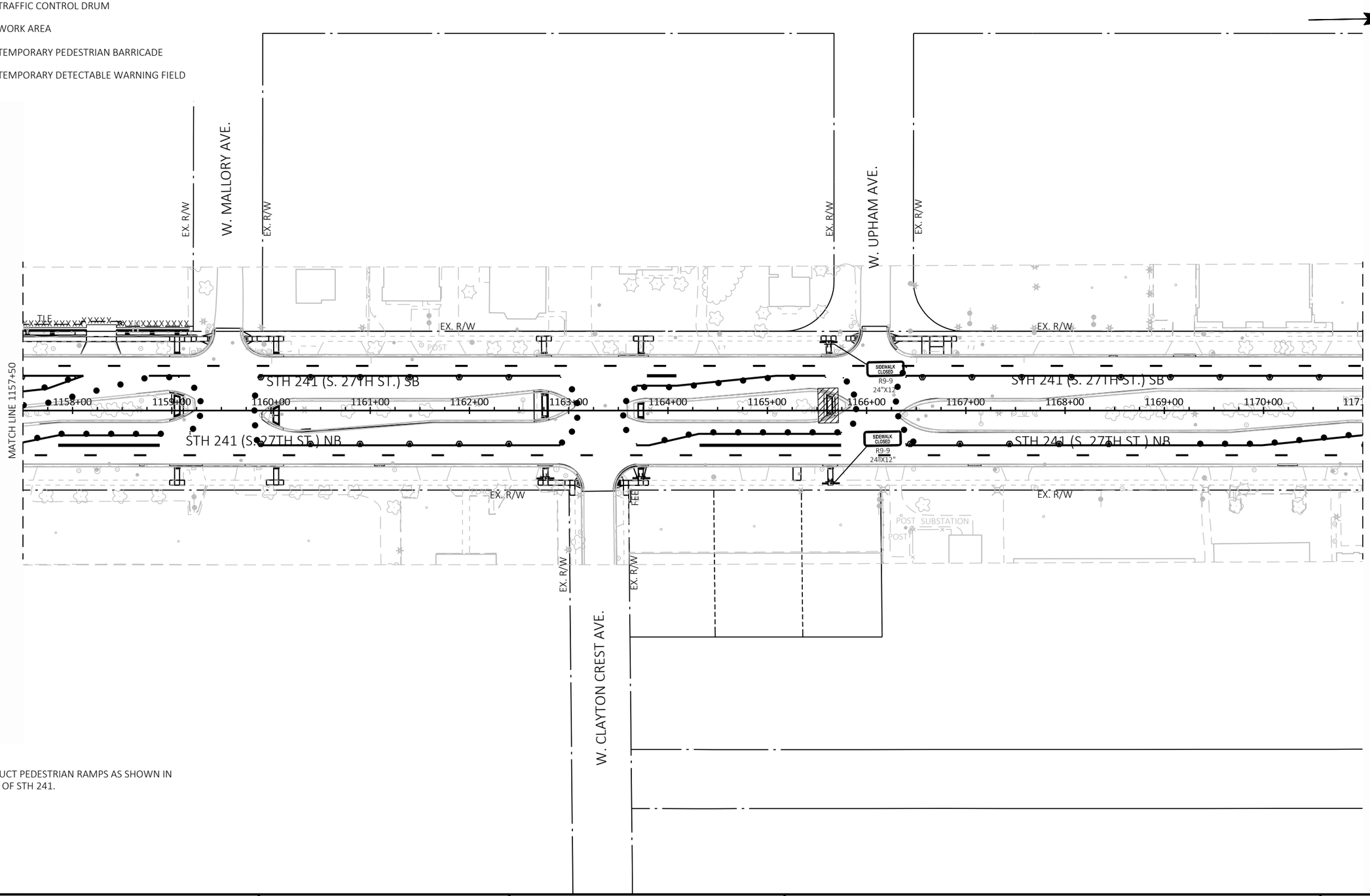
PLOT DATE : 11/20/2024 3:36 PM PLOT BY : STRASSER, JEFFREY PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

LEGEND

- SIGN ON TEMPORARY SUPPORT
- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- WORK AREA
- TEMPORARY PEDESTRIAN BARRICADE
- TEMPORARY DETECTABLE WARNING FIELD

NOTE:
1. LANE CLOSURES ARE SHOWN FOR REFERENCE ONLY. SEE STAGING PLANS.
2. INSTALL WEDGING FOR RAMPS ADJACENT TO ANY MILLED SURFACE. PAID FOR AS TEMPORARY PEDESTRIAN SURFACE ASPHALT



STAGE 2B:

- CONSTRUCT PEDESTRIAN RAMPS AS SHOWN IN MEDIAN OF STH 241.

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	PEDESTRIAN DETOUR - STAGE 2B	SHEET 344	E

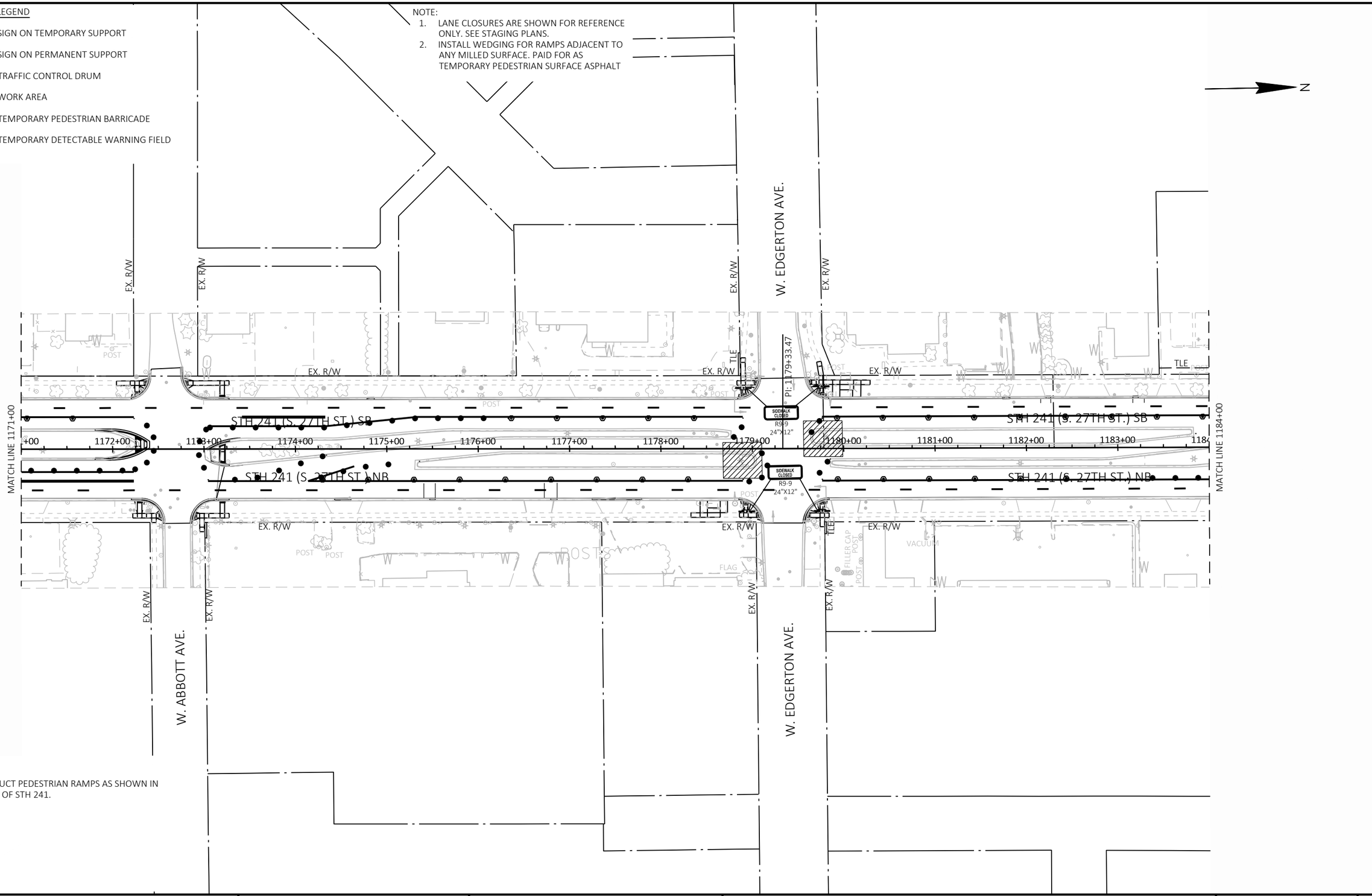
FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\025006-PED.DWG
LAYOUT NAME - 05
PLOT DATE : 11/20/2024 3:36 PM
PLOT BY : STRASSER, JEFFREY
PLOT NAME :
PLOT SCALE : 1 IN:100 FT

2

LEGEND

- SIGN ON TEMPORARY SUPPORT
- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- WORK AREA
- TEMPORARY PEDESTRIAN BARRICADE
- TEMPORARY DETECTABLE WARNING FIELD

NOTE:
1. LANE CLOSURES ARE SHOWN FOR REFERENCE ONLY. SEE STAGING PLANS.
2. INSTALL WEDGING FOR RAMPS ADJACENT TO ANY MILLED SURFACE. PAID FOR AS TEMPORARY PEDESTRIAN SURFACE ASPHALT



STAGE 2B:

- CONSTRUCT PEDESTRIAN RAMPS AS SHOWN IN MEDIAN OF STH 241.

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	PEDESTRIAN DETOUR - STAGE 2B	SHEET 345	E

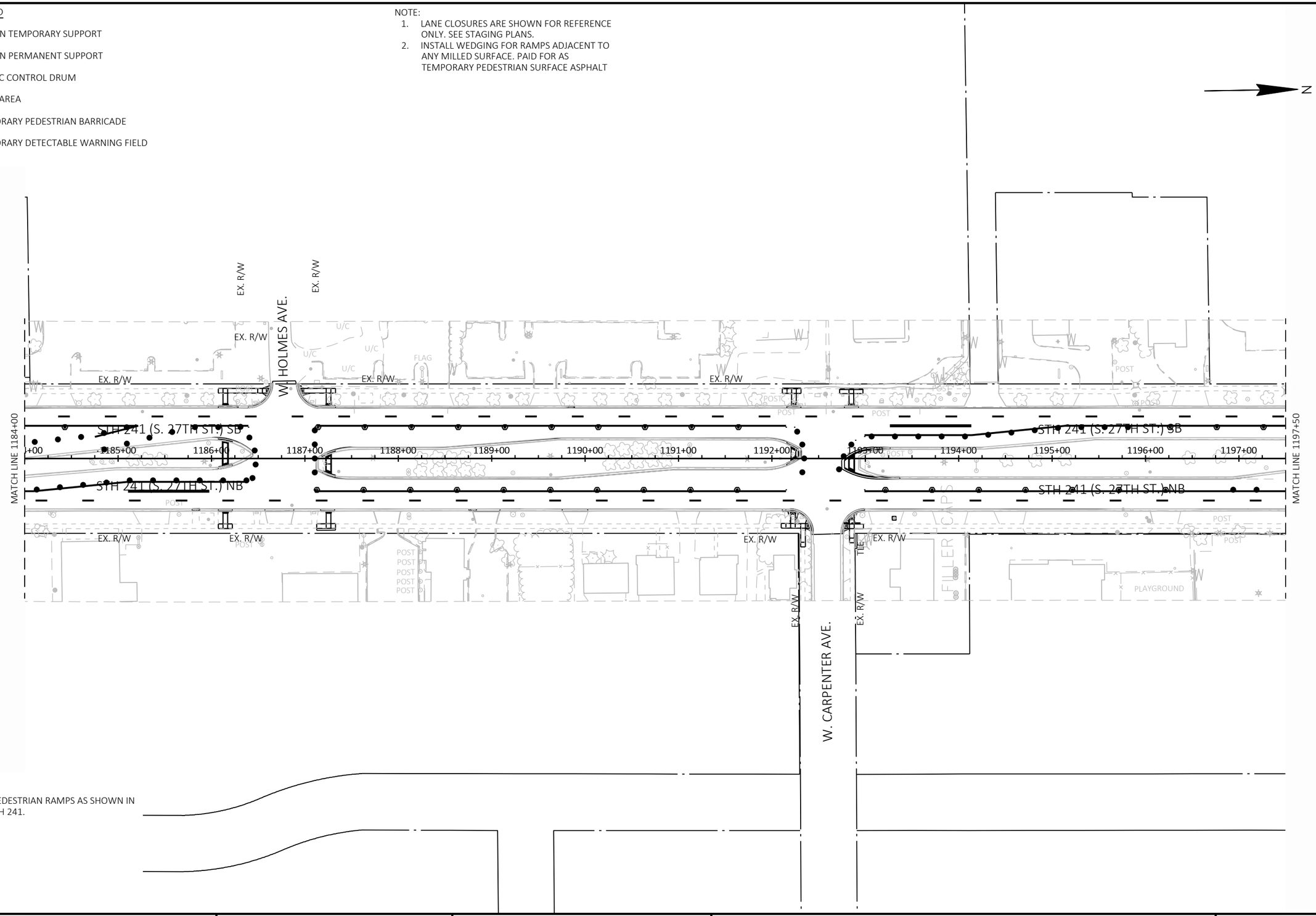
FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\025006-PED.DWG
LAYOUT NAME - 06
PLOT DATE : 11/20/2024 3:36 PM
PLOT BY : STRASSER, JEFFREY
PLOT NAME :
PLOT SCALE : 1 IN:100 FT

2

LEGEND

- SIGN ON TEMPORARY SUPPORT
- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- WORK AREA
- TEMPORARY PEDESTRIAN BARRICADE
- TEMPORARY DETECTABLE WARNING FIELD

NOTE:
1. LANE CLOSURES ARE SHOWN FOR REFERENCE ONLY. SEE STAGING PLANS.
2. INSTALL WEDGING FOR RAMPS ADJACENT TO ANY MILLED SURFACE. PAID FOR AS TEMPORARY PEDESTRIAN SURFACE ASPHALT



STAGE 2B:

- CONSTRUCT PEDESTRIAN RAMPS AS SHOWN IN MEDIAN OF STH 241.

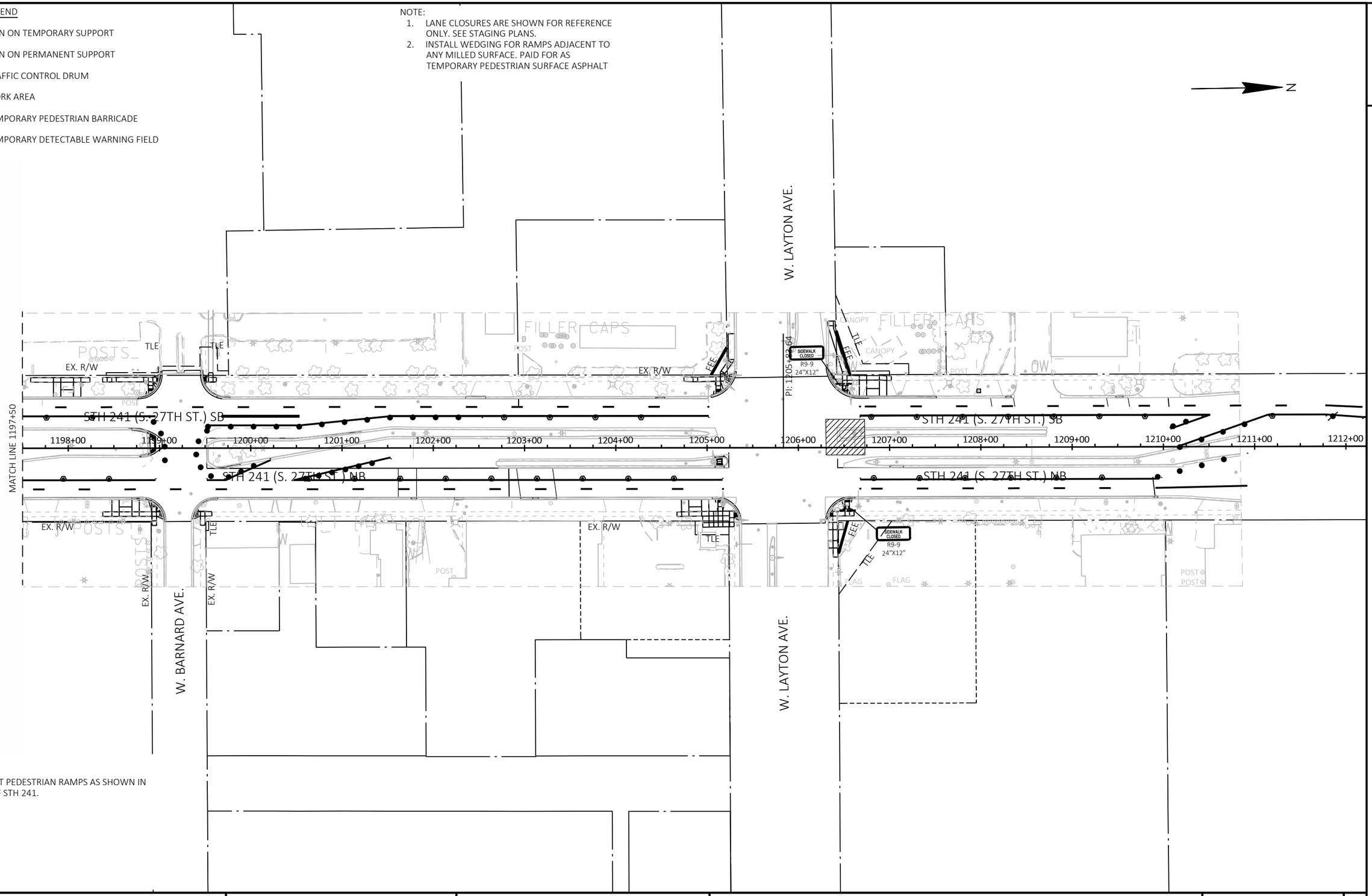
PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	PEDESTRIAN DETOUR - STAGE 2B	SHEET 346	E

2

LEGEND

- SIGN ON TEMPORARY SUPPORT
- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- WORK AREA
- TEMPORARY PEDESTRIAN BARRICADE
- TEMPORARY DETECTABLE WARNING FIELD

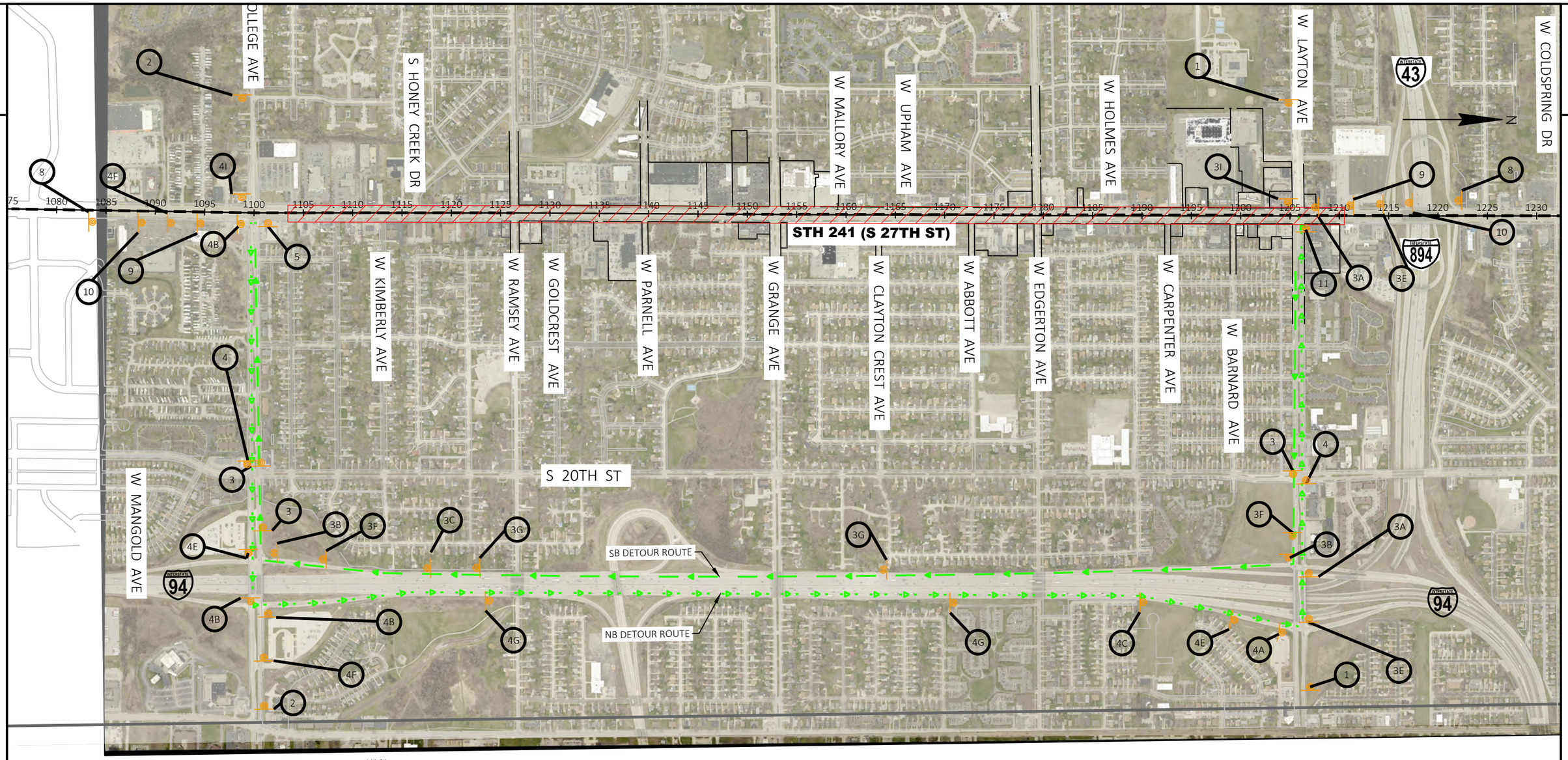
NOTE:
1. LANE CLOSURES ARE SHOWN FOR REFERENCE ONLY. SEE STAGING PLANS.
2. INSTALL WEDGING FOR RAMPS ADJACENT TO ANY MILLED SURFACE. PAID FOR AS TEMPORARY PEDESTRIAN SURFACE ASPHALT

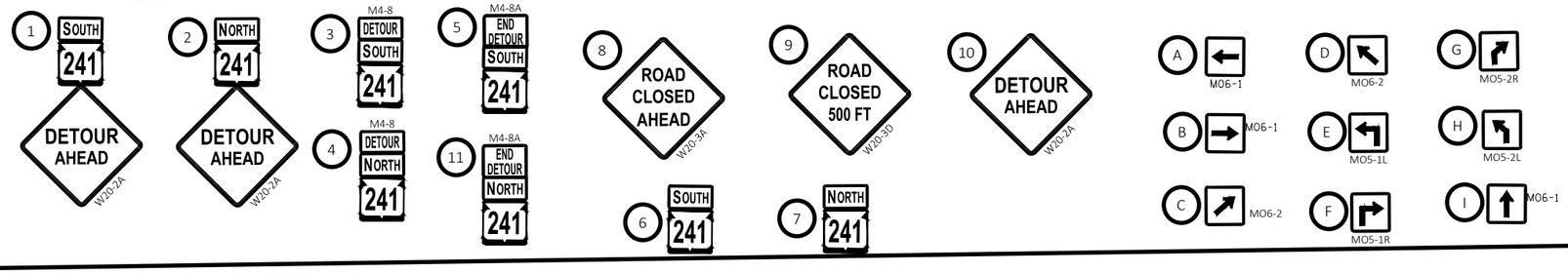


STAGE 2B:

- CONSTRUCT PEDESTRIAN RAMPS AS SHOWN IN MEDIAN OF STH 241.

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	PEDESTRIAN DETOUR - STAGE 2B	SHEET 347	E





LEGEND

- WORK AREA
- TYPE III BARRICADE WTH ATTACHED SIGN
- SIGN ON PERMANENT SUPPORT
- NORTHBOUND DETOUR ROUTE
- SOUTHBOUND DETOUR ROUTE

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	DETOUR PLAN - STH 241	SHEET 348	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\027001_DT.DWG
LAYOUT NAME - OVERVIEW-(1)

PLOT DATE : 11/20/2024 3:36 PM PLOT BY : GARCIA, JOSE FERNANDO PLOT NAME : PLOT SCALE : 1 IN:1000 FT

2

A M06-1 B M06-1 E M05-1L

F M05-1R I M06-1

N

LEGEND

WORK AREA

WESTBOUND DETOUR ROUTE

TYPE III BARRICADE WTH ATTACHED SIGN

SIGN ON PERMANENT SUPPORT

1 WEST M3-4 LAYTON AVE DETOUR AHEAD W20-2A

2 EAST M3-2 LAYTON AVE DETOUR AHEAD W20-2A

3 DETOUR M4-8 WEST M3-4 LAYTON AVE

4 DETOUR M4-8 EAST M3-2 LAYTON AVE

5 END DETOUR M4-8A COUNTY Y M1-5A 24"X24" LAYTON AVE

6 WEST M3-4 LAYTON AVE

7 EAST M3-2 LAYTON AVE

8 DETOUR M4-8 241 M1-6

9 DETOUR M4-8 241 M1-6

10 DETOUR AHEAD W20-2A

11 END DETOUR M4-8A 241 M1-6

W HOWARD AVE

W COLDSPRING DR

W LOOMIS RD

W LAYTON AVE

W BOLIVAR AVE

W BARNARD AVE

S. 43RD ST

S 35TH ST

S 20TH ST

STH 241

I-43

I-94

36

241

43

94

ROAD CLOSED TO THRU TRAFFIC 1 MILES AHEAD R11-3

ROAD CLOSED TO THRU TRAFFIC 1/2 MILES AHEAD R11-3

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	DETOUR PLAN - STAGE 1A	SHEET 349	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\027001_DT 1AB_HOWARD.DWG
LAYOUT NAME - OVERVIEW-1A

PLOT DATE : 11/20/2024 3:37 PM PLOT BY : GARCIA, JOSE FERNANDO PLOT NAME : PLOT SCALE : 1 IN: 750 FT

2

2

N

LEGEND

WORK AREA

WESTBOUND DETOUR ROUTE

TYPE III BARRICADE WTH ATTACHED SIGN

SIGN ON PERMANENT SUPPORT

A M06-1

B M06-1

E M05-1L

F M05-1R

I M06-1

1 WEST M3-4 LAYTON AVE DETOUR AHEAD W20-2A

2 EAST M3-2 LAYTON AVE DETOUR AHEAD W20-2A

3 DETOUR M4-8 WEST M3-4 LAYTON AVE

4 DETOUR M4-8 EAST M3-2 LAYTON AVE

5 END DETOUR M4-8A COUNTY Y M1-5A 24"X24" LAYTON AVE

6 WEST M3-4 LAYTON AVE

7 EAST M3-2 LAYTON AVE

8 DETOUR M4-8 241 M1-6

9 DETOUR M4-8 241 M1-6

10 DETOUR AHEAD W20-2A

11 END DETOUR M4-8A 241 M1-6

W HOWARD AVE

W COLDSPRING DR

W BOLIVAR AVE

W LAYTON AVE

W BARNARD AVE

S. 43RD ST

S 35TH ST

S 20TH ST

W LOOMIS RD

STH 241

36

241

43

94

I-43

I-94

1250

1245

1240

1235

1230

1225

1220

1215

1210

1205

1200

ROAD CLOSED TO THRU TRAFFIC 1 MILES AHEAD R11-3

ROAD CLOSED TO THRU TRAFFIC 1/2 MILES AHEAD R11-3

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	DETOUR PLAN - STAGE 1B	SHEET 350	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\027001_DT 1AB_HOWARD.DWG
LAYOUT NAME - OVERVIEW-1B

PLOT DATE : 11/20/2024 3:37 PM PLOT BY : GARCIA, JOSE FERNANDO PLOT NAME : PLOT SCALE : 1 IN: 750 FT

WISDOT/CADDS SHEET 42

2

A M6-1 B M6-1 E M5-1L

F M5-1R I M6-1

N

LEGEND

WORK AREA

TYPE III BARRICADE WTH ATTACHED SIGN

SIGN ON PERMANENT SUPPORT

EASTBOUND DETOUR ROUTE

1 WEST M3-4 LAYTON AVE DETOUR AHEAD W20-2A

2 EAST M3-2 LAYTON AVE DETOUR AHEAD W20-2A

3 DETOUR M4-8 WEST M3-4 LAYTON AVE

4 DETOUR M4-8 EAST M3-2 LAYTON AVE

5 END DETOUR M4-8A LAYTON AVE

6 WEST M3-4 LAYTON AVE

7 EAST M3-2 LAYTON AVE

8 DETOUR M4-8 241 M1-6

9 END DETOUR M4-8A 241 M1-6

10 DETOUR AHEAD W20-2A

W HOWARD AVE

S. 43RD ST

36

S 35TH ST

241

STH 241

1250

1215

1236

1238

W COLDSPRING DR

W LOOMIS RD

S 35TH ST

1225

1224

1226

I-43

INTERSTATE 43

W BOLIVAR AVE

S 20TH ST

INTERSTATE 94

I-94

ROAD CLOSED TO THRU TRAFFIC 1/2 MILES AHEAD R11-3

W LAYTON AVE

1205

1200

W BARNARD AVE

9 3A 3E

3A 8A

3E 8E

8 3

8B 3B

3F 8F

3

3F

3B

5

10

3I

1

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	DETOUR PLAN - STAGE 1C	SHEET 351	E

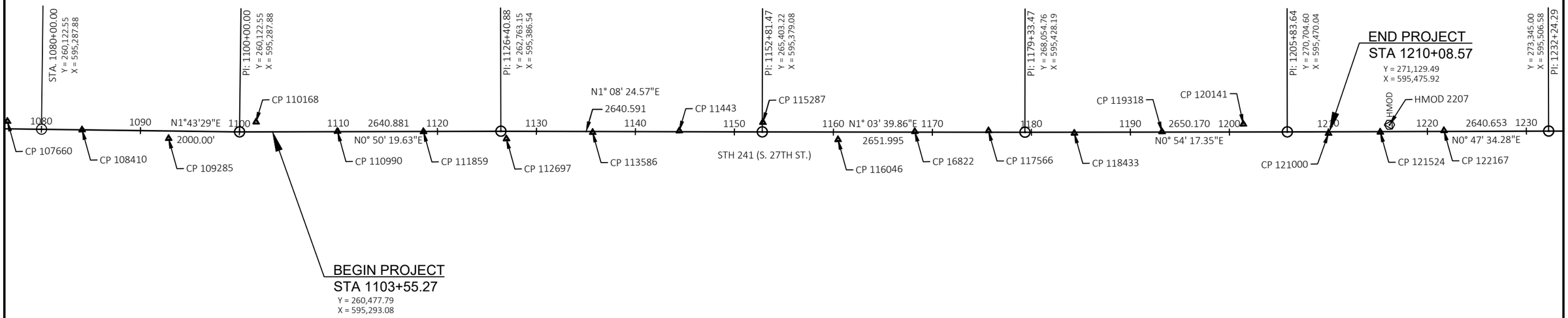
FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\027001_DT_1C_HOWARD.DWG
LAYOUT NAME - OVERVIEW-(1)

PLOT DATE : 11/20/2024 3:37 PM PLOT BY : GARCIA, JOSE FERNANDO PLOT NAME : PLOT SCALE : 1 IN: 750 FT

WISDOT/CADDS SHEET 42

2

PRIMARY CONTROL POINTS						
POINT	DESCRIPTION	STATION	OFFSET	ELEVATION	Y-COORDINATE	X-COORDINATE
107660	CP F1000SPK BERNTSEN FENO WITH ALUMINUM WDOT GRAEF CAP	1076+55.27	76.65' LT	792.85	257,781.19	595,140.66
108410	CP F1000SPK BERNTSEN FENO WITH ALUMINUM WDOT GRAEF CAP	1084+10.45	0.01' RT	782.88	258,533.72	595,240.02
109285	CP F1000SPK BERNTSEN FENO WITH ALUMINUM WDOT GRAEF CAP	1092+84.98	76.06' RT	773.02	259,405.57	595,342.37
110168	CP F1000SPK BERNTSEN FENO WITH ALUMINUM WDOT GRAEF CAP	1101+67.63	98.89' LT	763.59	260,291.61	595,191.45
110990	CP F1000SPK BERNTSEN FENO WITH ALUMINUM WDOT GRAEF CAP	1109+90.17	2.64' RT	777.75	261,112.66	595,299.74
111859	CP F1000SPK BERNTSEN FENO WITH ALUMINUM WDOT GRAEF CAP	118+58.56	2.23' RT	776.87	261,980.88	595,317.32
112697	CP F1000SPK BERNTSEN FENO WITH ALUMINUM WDOT GRAEF CAP	1126+96.82	76.36' RT	773098	262,817.56	595,403.99
113586	CP F1000SPK BERNTSEN FENO WITH ALUMINUM WDOT GRAEF CAP	1135+67.62	9.55' RT	781.97	263,689.51	595,354.52
114443	CP F1000SPK BERNTSEN FENO WITH ALUMINUM WDOT GRAEF CAP	1144+42.62	8.46' LT	790.344	264,564.70	595,353.93



POINT	DESCRIPTION	STATION	OFFSET	ELEVATION	Y-COORDINATE	X-COORDINATE
115287	CP F1000SPK FENO WITH ALUMINUM WDOT GRAEF CAP	1152+87.02	96.57' LT	775.35	265,410.56	595,282.63
116046	CP F1000SPK FENO WITH ALUMINUM WDOT GRAEF CAP	1160+46.20	76.86' RT	767.94	266,166.40	595,470.09
116822	CP F1000SPK FENO WITH ALUMINUM WDOT GRAEF CAP	1168+22.15	6.19' LT	770.07	266,943.75	595,401.43
117566	CP F1000SPK FENO WITH ALUMINUM WDOT GRAEF CAP	1175+66.27	14.92' LT	775.78	267,687.91	595,406.47
118433	CP F1000SPK FENO WITH ALUMINUM WDOT GRAEF CAP	1184+33.27	9.34' RT	760.62	268,554.35	595,445.43
119318	CP F1000SPK FENO WITH ALUMINUM WDOT GRAEF CAP	1193+18.42	3.83' LT	752.46	269,439.60	595,446.23
120141	CP F1000SPK FENO WITH ALUMINUM WDOT GRAEF CAP	1201+40.53	79.83' LT	731.65	270,262.81	595,383.23
121000	CP F1000SPK FENO WITH ALUMINUM WDOT GRAEF CAP	1210+00.31	15.32' RT	717.60	271,121.02	595,491.13
121524	CP F1000SPK FENO WITH ALUMINUM WDOT KAPUR CAP	1215+23.72	4.36' RT	714.59	271,644.53	595,487.41
2207	HMOD DP2207 SURVEY DISK IN RETAINING WALL	1216+17.79	69.16' LT	716.35	271,739.61	595,415.19
122167	CP F1000SPK FENO WITH ALUMINUM WDOT KAPUR CAP	1221+67.10	8.31' LT	699.07	272,288.03	595,483.64

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	ALIGNMENT PLAN	SHEET 352	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\027201_AD.DWG
LAYOUT NAME - 027201_ad
PLOT DATE : 11/20/2024 3:37 PM PLOT BY : STRASSER, JEFFREY PLOT NAME : PLOT SCALE : 1 IN:1000 FT
WISDOT/CADDS SHEET 42

Estimate Of Quantities

2265-18-70

Line	Item	Item Description	Unit	Total	Qty
0002	201.0120	Clearing	ID	51.000	51.000
0004	201.0220	Grubbing	ID	51.000	51.000
0006	204.0100	Removing Concrete Pavement	SY	511.000	511.000
0008	204.0110	Removing Asphaltic Surface	SY	233.000	233.000
0010	204.0115	Removing Asphaltic Surface Butt Joints	SY	200.000	200.000
0012	204.0120	Removing Asphaltic Surface Milling	SY	103,631.000	103,631.000
0014	204.0130	Removing Curb	LF	132.000	132.000
0016	204.0150	Removing Curb & Gutter	LF	4,701.000	4,701.000
0018	204.0155	Removing Concrete Sidewalk	SY	3,366.000	3,366.000
0020	204.0195	Removing Concrete Bases	EACH	21.000	21.000
0022	204.0210	Removing Manholes	EACH	4.000	4.000
0024	204.0220	Removing Inlets	EACH	14.000	14.000
0026	204.0245	Removing Storm Sewer (size) 001. (12-Inch)	LF	134.000	134.000
0028	204.0245	Removing Storm Sewer (size) 002. (18-Inch)	LF	5.000	5.000
0030	204.0245	Removing Storm Sewer (size) 003. (24-Inch)	LF	5.000	5.000
0032	204.0245	Removing Storm Sewer (size) 004. (30-Inch)	LF	5.000	5.000
0034	204.0245	Removing Storm Sewer (size) 005. (36-Inch)	LF	5.000	5.000
0036	204.0245	Removing Storm Sewer (size) 006. (48-Inch)	LF	17.000	17.000
0038	204.9060.S	Removing (item description) 001. Removing Traffic Signals (STH 241 & Ramsey Ave)	EACH	1.000	1.000
0040	204.9060.S	Removing (item description) 002. Removing Traffic Signals (STH 241 & Parnell Ave)	EACH	1.000	1.000
0042	204.9060.S	Removing (item description) 003. Removing Traffic Signals (STH 241 & Grange Ave)	EACH	1.000	1.000
0044	204.9060.S	Removing (item description) 004. Removing Traffic Signals (STH 241 & Edgerton Ave)	EACH	1.000	1.000
0046	204.9060.S	Removing (item description) 005. Removing Traffic Signals (STH 241 & Layton Ave)	EACH	1.000	1.000
0048	204.9060.S	Removing (item description) 006. Removing Wood Planter	EACH	1.000	1.000
0050	204.9090.S	Removing (item description) 001. Removing Landscape Retaining Wall	LF	295.000	295.000
0052	205.0100	Excavation Common	CY	413.000	413.000
0054	205.0501.S	Excavation, Hauling, and Disposal of Petroleum Contaminated Soil	TON	88.500	88.500
0056	209.1500	Backfill Granular Grade 1	TON	91.000	91.000
0058	213.0100	Finishing Roadway (project) 001. 2265-18-70	EACH	1.000	1.000
0060	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	36.000	36.000
0062	320.0155	Concrete Base 9-Inch	SY	500.000	500.000
0064	390.0100	Removing Pavement for Base Patching	CY	2,915.000	2,915.000
0066	390.0305	Base Patching Concrete HES	CY	2,872.000	2,872.000
0068	390.0405	Base Patching Concrete SHES	CY	41.000	41.000
0070	405.0100	Coloring Concrete WisDOT Red	CY	16.000	16.000
0072	416.0610	Drilled Tie Bars	EACH	3,922.000	3,922.000
0074	416.0620	Drilled Dowel Bars	EACH	2,976.000	2,976.000
0076	416.1710	Concrete Pavement Repair	SY	11.000	11.000
0078	416.1715	Concrete Pavement Repair SHES	SY	28.000	28.000
0080	416.1720	Concrete Pavement Replacement	SY	255.000	255.000
0082	416.1725	Concrete Pavement Replacement SHES	SY	1,274.000	1,274.000
0084	455.0605	Tack Coat	GAL	11,521.000	11,521.000
0086	460.2000	Incentive Density HMA Pavement	DOL	13,660.000	13,660.000
0088	460.6223	HMA Pavement 3 MT 58-28 S	TON	11,999.000	11,999.000
0090	460.6424	HMA Pavement 4 MT 58-28 H	TON	9,332.000	9,332.000
0092	465.0110	Asphaltic Surface Patching	TON	16.000	16.000
0094	465.0120	Asphaltic Surface Driveways and Field Entrances	TON	9.000	9.000
0096	465.0125	Asphaltic Surface Temporary	TON	1,150.000	1,150.000
0098	520.8000	Concrete Collars for Pipe	EACH	12.000	12.000

2265-18-70

Line	Item	Item Description	Unit	Total	Qty
0100	601.0331	Concrete Curb & Gutter 31-Inch	LF	4,651.000	4,651.000
0102	601.0407	Concrete Curb & Gutter 18-Inch Type D	LF	211.000	211.000
0104	601.0600	Concrete Curb Pedestrian	LF	1,045.000	1,045.000
0106	602.0410	Concrete Sidewalk 5-Inch	SF	31,151.000	31,151.000
0108	602.0505	Curb Ramp Detectable Warning Field Yellow	SF	1,200.000	1,200.000
0110	602.0605	Curb Ramp Detectable Warning Field Radial Yellow	SF	404.000	404.000
0112	602.0860	Concrete Driveway HES 6-Inch	SY	68.000	68.000
0114	608.0312	Storm Sewer Pipe Reinforced Concrete Class III 12-Inch	LF	138.000	138.000
0116	608.0318	Storm Sewer Pipe Reinforced Concrete Class III 18-Inch	LF	14.000	14.000
0118	608.0324	Storm Sewer Pipe Reinforced Concrete Class III 24-Inch	LF	18.000	18.000
0120	611.0420	Reconstructing Manholes	EACH	1.000	1.000
0122	611.0430	Reconstructing Inlets	EACH	8.000	8.000
0124	611.0530	Manhole Covers Type J	EACH	8.000	8.000
0126	611.0600	Inlet Covers Type A	EACH	3.000	3.000
0128	611.0648	Inlet Covers Type R	EACH	9.000	9.000
0130	611.0651	Inlet Covers Type S	EACH	2.000	2.000
0132	611.2004	Manholes 4-FT Diameter	EACH	3.000	3.000
0134	611.2007	Manholes 7-FT Diameter	EACH	1.000	1.000
0136	611.3220	Inlets 2x2-FT	EACH	9.000	9.000
0138	611.3225	Inlets 2x2.5-FT	EACH	1.000	1.000
0140	611.8110	Adjusting Manhole Covers	EACH	35.000	35.000
0142	611.8115	Adjusting Inlet Covers	EACH	25.000	25.000
0144	611.8120.S	Cover Plates Temporary	EACH	25.000	25.000
0146	612.0106	Pipe Underdrain 6-Inch	LF	230.000	230.000
0148	612.0208	Pipe Underdrain Unperforated 8-Inch	LF	21.000	21.000
0150	614.2300	MGS Guardrail 3	LF	200.000	200.000
0152	614.2620	MGS Guardrail Terminal Type 2	EACH	4.000	4.000
0154	619.1000	Mobilization	EACH	1.000	1.000
0156	620.0300	Concrete Median Sloped Nose	SF	380.000	380.000
0158	625.0100	Topsoil	SY	4,252.000	4,252.000
0160	628.1905	Mobilizations Erosion Control	EACH	2.000	2.000
0162	628.1910	Mobilizations Emergency Erosion Control	EACH	2.000	2.000
0164	628.7005	Inlet Protection Type A	EACH	49.000	49.000
0166	628.7010	Inlet Protection Type B	EACH	2.000	2.000
0168	628.7015	Inlet Protection Type C	EACH	167.000	167.000
0170	628.7020	Inlet Protection Type D	EACH	7.000	7.000
0172	629.0210	Fertilizer Type B	CWT	2.100	2.100
0174	631.0300	Sod Water	MGAL	43.000	43.000
0176	631.1000	Sod Lawn	SY	4,252.000	4,252.000
0178	634.0618	Posts Wood 4x6-Inch X 18-FT	EACH	88.000	88.000
0180	634.0808	Posts Tubular Steel 2x2-Inch X 8-FT	EACH	2.000	2.000
0182	637.2210	Signs Type II Reflective H	SF	458.000	458.000
0184	637.2230	Signs Type II Reflective F	SF	898.000	898.000
0186	638.2102	Moving Signs Type II	EACH	22.000	22.000
0188	638.2602	Removing Signs Type II	EACH	3.000	3.000
0190	638.3000	Removing Small Sign Supports	EACH	17.000	17.000
0192	643.0300	Traffic Control Drums	DAY	163,199.000	163,199.000
0194	643.0420	Traffic Control Barricades Type III	DAY	12,379.000	12,379.000
0196	643.0705	Traffic Control Warning Lights Type A	DAY	24,758.000	24,758.000

2265-18-70

Line	Item	Item Description	Unit	Total	Qty
0198	643.0715	Traffic Control Warning Lights Type C	DAY	15,907.000	15,907.000
0200	643.0800	Traffic Control Arrow Boards	DAY	614.000	614.000
0202	643.0900	Traffic Control Signs	DAY	22,724.000	22,724.000
0204	643.0910	Traffic Control Covering Signs Type I	EACH	10.000	10.000
0206	643.0920	Traffic Control Covering Signs Type II	EACH	10.000	10.000
0208	643.1050	Traffic Control Signs PCMS	DAY	55.000	55.000
0210	643.1070	Traffic Control Cones 42-Inch	DAY	53,204.000	53,204.000
0212	643.3165	Temporary Marking Line Paint 6-Inch	LF	48,453.000	48,453.000
0214	643.3180	Temporary Marking Line Removable Tape 6-Inch	LF	26,103.000	26,103.000
0216	643.3265	Temporary Marking Line Paint 10-Inch	LF	3,468.000	3,468.000
0218	643.3960	Temporary Marking Removable Mask Out Tape 6-Inch	LF	640.000	640.000
0220	643.4100	Traffic Control Interim Lane Closure	EACH	60.000	60.000
0222	643.5000	Traffic Control	EACH	1.000	1.000
0224	644.1410	Temporary Pedestrian Surface Asphalt	SF	1,760.000	1,760.000
0226	644.1430	Temporary Pedestrian Surface Plate	SF	1,090.000	1,090.000
0228	644.1605	Temporary Pedestrian Detectable Warning Field	SF	20.000	20.000
0230	644.1810	Temporary Pedestrian Barricade	LF	5,650.000	5,650.000
0232	645.0112	Geotextile Type DF Schedule B	SY	67.000	67.000
0234	646.1020	Marking Line Epoxy 4-Inch	LF	2,284.000	2,284.000
0236	646.2025	Marking Line Grooved Black Epoxy 6-Inch	LF	11,800.000	11,800.000
0238	646.2040	Marking Line Grooved Wet Ref Epoxy 6-Inch	LF	52,372.000	52,372.000
0240	646.3020	Marking Line Epoxy 8-Inch	LF	402.000	402.000
0242	646.4040	Marking Line Grooved Wet Ref Epoxy 10-Inch	LF	14,119.000	14,119.000
0244	646.5020	Marking Arrow Epoxy	EACH	78.000	78.000
0246	646.5120	Marking Word Epoxy	EACH	26.000	26.000
0248	646.6020	Marking Stop Line Epoxy 12-Inch	LF	280.000	280.000
0250	646.6120	Marking Stop Line Epoxy 18-Inch	LF	1,221.000	1,221.000
0252	646.7420	Marking Crosswalk Epoxy Transverse Line 6-Inch	LF	4,090.000	4,090.000
0254	646.8120	Marking Curb Epoxy	LF	2,409.000	2,409.000
0256	646.8220	Marking Island Nose Epoxy	EACH	38.000	38.000
0258	646.9000	Marking Removal Line 4-Inch	LF	2,453.000	2,453.000
0260	646.9010	Marking Removal Line Water Blasting 4-Inch	LF	1,560.000	1,560.000
0262	646.9310	Marking Removal Special Marking Water Blasting	EACH	4.000	4.000
0264	650.4000	Construction Staking Storm Sewer	EACH	14.000	14.000
0266	650.5500	Construction Staking Curb Gutter and Curb & Gutter	LF	4,651.000	4,651.000
0268	650.8000	Construction Staking Resurfacing Reference	LF	9,928.000	9,928.000
0270	650.9000	Construction Staking Curb Ramps	EACH	128.000	128.000
0272	650.9500	Construction Staking Sidewalk (project) 001. 2265-18-70	EACH	1.000	1.000
0274	650.9911	Construction Staking Supplemental Control (project) 001. 2265-18-70	EACH	1.000	1.000
0276	652.0225	Conduit Rigid Nonmetallic Schedule 40 2-Inch	LF	791.000	791.000
0278	652.0605	Conduit Special 2-Inch	LF	103.000	103.000
0280	652.0800	Conduit Loop Detector	LF	4,882.000	4,882.000
0282	653.0135	Pull Boxes Steel 24x36-Inch	EACH	20.000	20.000
0284	653.0900	Adjusting Pull Boxes	EACH	20.000	20.000
0286	653.0905	Removing Pull Boxes	EACH	10.000	10.000
0288	654.0101	Concrete Bases Type 1	EACH	29.000	29.000
0290	654.0102	Concrete Bases Type 2	EACH	1.000	1.000
0292	655.0240	Cable Traffic Signal 7-14 AWG	LF	3,203.000	3,203.000
0294	655.0260	Cable Traffic Signal 12-14 AWG	LF	3,501.000	3,501.000

2265-18-70

Line	Item	Item Description	Unit	Total	Qty
0296	655.0270	Cable Traffic Signal 15-14 AWG	LF	1,063.000	1,063.000
0298	655.0320	Cable Type UF 2-10 AWG Grounded	LF	88.000	88.000
0300	655.0515	Electrical Wire Traffic Signals 10 AWG	LF	3,364.000	3,364.000
0302	655.0610	Electrical Wire Lighting 12 AWG	LF	144.000	144.000
0304	655.0700	Loop Detector Lead In Cable	LF	26,816.000	26,816.000
0306	655.0800	Loop Detector Wire	LF	23,536.000	23,536.000
0308	657.0100	Pedestal Bases	EACH	9.000	9.000
0310	657.0405	Traffic Signal Standards Aluminum 3.5-FT	EACH	9.000	9.000
0312	658.0500	Pedestrian Push Buttons	EACH	3.000	3.000
0314	658.5070	Signal Mounting Hardware (location) 001. Signal Mounting Hardware (STH 241 & Ramsey Ave)	EACH	1.000	1.000
0316	658.5070	Signal Mounting Hardware (location) 002. Signal Mounting Hardware (STH 241 & Parnell Ave)	EACH	1.000	1.000
0318	658.5070	Signal Mounting Hardware (location) 003. Signal Mounting Hardware (STH 241 & Grange Ave)	EACH	1.000	1.000
0320	658.5070	Signal Mounting Hardware (location) 004. Signal Mounting Hardware (STH 241 & Edgerton Ave)	EACH	1.000	1.000
0322	658.5070	Signal Mounting Hardware (location) 005. Signal Mounting Hardware (STH 241 & Layton Ave)	EACH	1.000	1.000
0324	690.0150	Sawing Asphalt	LF	1,442.000	1,442.000
0326	690.0250	Sawing Concrete	LF	13,492.000	13,492.000
0328	740.0440	Incentive IRI Ride	DOL	22,273.000	22,273.000
0330	ASP.1T0A	On-the-Job Training Apprentice at $5.00/HR	HRS	2,800.000	2,800.000
0332	ASP.1T0G	On-the-Job Training Graduate at $5.00/HR	HRS	7,200.000	7,200.000
0334	SPV.0035	Special 600. Engineered Soil	CY	141.000	141.000
0336	SPV.0035	Special 603. 6" Granite Cobbles	CY	12.000	12.000
0338	SPV.0035	Special 617. Bedding Layer	CY	22.000	22.000
0340	SPV.0035	Special 619. Storage Layer	CY	160.000	160.000
0342	SPV.0035	Special 620. Shredded Hardwood bark Mulch	CY	207.000	207.000
0344	SPV.0060	Special 001. Grading and Shaping Curb Ramps	EACH	106.000	106.000
0346	SPV.0060	Special 002. Utility Line Opening (ULO)	EACH	14.000	14.000
0348	SPV.0060	Special 003. Temporary Bus Stop	EACH	16.000	16.000
0350	SPV.0060	Special 004. Field Facilities Office Space	EACH	1.000	1.000
0352	SPV.0060	Special 005. Salvage Wheel Stops	EACH	2.000	2.000
0354	SPV.0060	Special 010. Modify Existing Traffic Signal During Construction, STH 241 & Ramsey Ave	EACH	1.000	1.000
0356	SPV.0060	Special 011. Modify Existing Traffic Signal During Construction, STH 241 & Parnell Ave	EACH	1.000	1.000
0358	SPV.0060	Special 012. Modify Existing Traffic Signal During Construction, STH 241 & Grange Ave	EACH	1.000	1.000
0360	SPV.0060	Special 013. Modifying Existing Traffic Signal During Construction, STH 241 & Edgerton A	EACH	1.000	1.000
0362	SPV.0060	Special 014. Modify Existing Traffic Signal During Construction, STH 241 & Layton Ave	EACH	1.000	1.000
0364	SPV.0060	Special 015. Removing, Salvaging, & Installing Traffic Signal Equipment, STH 241 & Ramse	EACH	1.000	1.000
0366	SPV.0060	Special 016. Removing, Salvaging, & Installing Traffic Signal Equipment, STH 241 & Parne	EACH	1.000	1.000
0368	SPV.0060	Special 017. Removing, Salvaging, & Installing Traffic Signal Equipment, STH 241 & Grang	EACH	1.000	1.000
0370	SPV.0060	Special 018. Removing, Salvaging, & Installing Traffic Signal Equipment, STH 241 & Edger	EACH	1.000	1.000
0372	SPV.0060	Special 019. Removing, Salvaging, & Installing Traffic Signal Equipment, STH 241 & Layto	EACH	1.000	1.000
0374	SPV.0060	Special 020. Remove & Salvage Video Detection Equipment	EACH	1.000	1.000

2265-18-70

Line	Item	Item Description	Unit	Total	Qty
0376	SPV.0060	Special 038. Adjust Sanitary Sewer Manhole	EACH	17.000	17.000
0378	SPV.0060	Special 039. Adjusting Water Valve Boxes	EACH	70.000	70.000
0380	SPV.0060	Special 050. Remove and Reinstall Mailboxes	EACH	3.000	3.000
0382	SPV.0060	Special 100. Adjust Sanitary Sewer Manhole, Milwaukee	EACH	18.000	18.000
0384	SPV.0060	Special 400. Adjust CUC Manhole Cover	EACH	6.000	6.000
0386	SPV.0060	Special 600. 6-Inch Cleanout	EACH	9.000	9.000
0388	SPV.0060	Special 601. 8-Inch Diameter Overflow Standpipe with Dome Grate	EACH	3.000	3.000
0390	SPV.0060	Special 602. Storm Curb Inlet with Grate Type "A"	EACH	6.000	6.000
0392	SPV.0060	Special 610. Informational Sign Post	EACH	6.000	6.000
0394	SPV.0060	Special 612. Storm Inlet Type 45A	EACH	1.000	1.000
0396	SPV.0060	Special 613. Inlet Repair	EACH	3.000	3.000
0398	SPV.0060	Special 640. Perennial Black Eyed Susan (Rudbeckia Fulgida 'Goldsturm')	EACH	30.000	30.000
0400	SPV.0060	Special 641. Perennial Blue Wonder Catmint (Nepeta racemosa "Blue Wonder")	EACH	50.000	50.000
0402	SPV.0060	Special 642. Perennial Daylilies (Hemerocallis)	EACH	70.000	70.000
0404	SPV.0060	Special 643. Perennial Rugosa Roses (Rosa Species Rugosa)	EACH	7.000	7.000
0406	SPV.0060	Special 644. Perennial Russian Sage (Perovskia Atriplicifolia)	EACH	15.000	15.000
0408	SPV.0060	Special 645. Panicum Grass (Panicum Hillmanii)	EACH	26.000	26.000
0410	SPV.0060	Special 646. Blue False Indigo (Baptisia Australis)	EACH	9.000	9.000
0412	SPV.0060	Special 647. Purple Coneflower (Echinacea purpurea)	EACH	60.000	60.000
0414	SPV.0060	Special 648. Diablo Ninebark (Physocarpus Opufolius "Summer Wine")	EACH	11.000	11.000
0416	SPV.0060	Special 649. Sea Green Juniper (Juniperus pfitzeriana 'Sea Green')	EACH	30.000	30.000
0418	SPV.0060	Special 650. Joe Phy Weed (Eutrochium Purpureum)	EACH	40.000	40.000
0420	SPV.0060	Special 651. Red Twig Dogwood (Cornus Sericea "Cardinal")	EACH	30.000	30.000
0422	SPV.0060	Special 652. Karl Forester Grass (Calamogrostis Acutiflora "Karl Foerster")	EACH	20.000	20.000
0424	SPV.0090	Special 001. Tuck Point Landscape Retaining Wall	LF	238.000	238.000
0426	SPV.0165	Special 001. Wall Modular Block Gravity Landscape, STA. 1157+82	SF	885.000	885.000
0428	SPV.0165	Special 002. Remove and Replace Decorative Stone Mulch	SF	100.000	100.000
0430	SPV.0195	Special 001. Excavation, Hauling, and Disposal of PAH and Lead Contaminated Soil	TON	20.100	20.100
0432	SPV.0195	Special 002. Asphaltic Repair	TON	732.000	732.000
0434	SPV.0195	Special 003. Joint and Crack Repair	TON	5,313.000	5,313.000

3

CLEARING & GRUBBING

STATION TO STATION	201.0120 CLEARING ID	201.0220 GRUBBING ID
STH 241		
1102+00 - 1125+50	-	-
1125+50 - 1152+00	-	-
1152+00 - 1178+50	27	27
1178+50 - 1210+50	24	24
TOTALS	51	51

REMOVING CONCRETE PAVEMENT

STATION TO STATION	204.0100 REMOVING CONCRETE PAVEMENT SY
STH 241	
1102+00 - 1125+50	79
1125+50 - 1152+00	-
1152+00 - 1178+50	154
1178+50 - 1210+50	278
TOTALS	511

REMOVING ASPHALTIC SURFACE

STATION TO STATION	204.0110 REMOVING ASPHALTIC SURFACE SY
STH 241	
1102+00 - 1125+50	-
1125+50 - 1152+00	34
1152+00 - 1178+50	101
1178+50 - 1210+50	98
TOTALS	233

3

REMOVING ASPHALTIC SURFACE MILLING

STATION TO STATION	204.0120 REMOVING ASPHALTIC SURFACE MILLING SY
STH 241	
1102+00 - 1125+50	18,911
1125+50 - 1152+00	26,126
1152+00 - 1178+50	25,903
1178+50 - 1210+50	21,806
TOTALS	103,631

REMOVING ASPHALTIC SURFACE BUTT JOINTS

STATION TO STATION	204.0115 REMOVING ASPHALTIC SURFACE BUTT JOINTS SY
STH 241	
1102+00 - 1125+50	40
1125+50 - 1152+00	40
1152+00 - 1178+50	59
1178+50 - 1210+50	61
TOTALS	200

REMOVING CURB

STATION TO STATION	204.0130 REMOVING CURB LF
STH 241	
1102+00 - 1125+50	46
1125+50 - 1152+00	-
1152+00 - 1178+50	58
1178+50 - 1210+50	28
TOTALS	132

REMOVING CURB & GUTTER

STATION TO STATION	204.0150 REMOVING CURB & GUTTER LF
STH 241	
1102+00 - 1125+50	771
1125+50 - 1152+00	1,404
1152+00 - 1178+50	1,256
1178+50 - 1210+50	1,270
TOTALS	4,701

REMOVING CONCRETE SIDEWALK

STATION TO STATION	204.0155 REMOVING CONCRETE SY
STH 241	
1102+00 - 1125+50	367
1125+50 - 1152+00	894
1152+00 - 1178+50	929
1178+50 - 1210+50	1,176
TOTALS	3,366

REMOVING MANHOLES

STATION	204.0210 REMOVING MANHOLES EACH
STH 241	
1126+34.98, 64.46' RT	1
1159+41.96, 51.86' LT	1
1159+76.16, 62.13' LT	1
1207+97.93, 61.80' LT	1
TOTALS	4

REMOVING INLETS

STATION	204.0220 REMOVING INLETS EACH
STH 241	
1117+54.04, 54.61' RT	1
1126+92.00, 55.71' RT	1
1140+10.19, 55.76' RT	1
1146+35.24, 55.42' RT	1
1152+12.96, 55.02' RT	1
1158+01.37, 80.96' LT	1
1165+92.20, 85.58' LT	1
1172+40.11, 80.61' LT	1
1174+80.87, 54.78' LT	1
1181+76.63, 54.83' LT	1
1198+73.61, 55.09' RT	1
1201+73.58, 62.36' LT	1
1204+28.89, 54.90' LT	1
1207+53.83, 61.93' LT	1
TOTALS	14

CONCRETE BASE

STATION TO STATION	320.0155 9-INCH SY
STH 241	
1102+00 - 1125+50	91
1125+50 - 1152+00	94
1152+00 - 1178+50	157
1178+50 - 1210+50	158
TOTALS	500

ALL ITEMS CATEGORY 0010

3

REMOVING STORM SEWER

STATION TO STATION	204.0245.01 12-INCH LF	204.0245.02 18-INCH LF	204.0245.03 24-INCH LF	204.0245.04 30-INCH LF	204.0245.05 48-INCH LF
STH 241					
1102+00 - 1125+50	-	-	-	-	-
1125+50 - 1152+00	8	-	-	5	17
1152+00 - 1178+50	88	-	5	-	-
1178+50 - 1210+50	38	5	-	-	-
TOTALS	134	5	5	5	17

REMOVING WOOD PLANTER

STATION TO STATION	204.9060.S 06. REMOVING WOOD PLANTER EACH
STH 241	
PROJECT	1.0
TOTALS	1.0

3

EXCAVATION, HAULING, AND DISPOSAL OF PETROLEUM CONTAMINATED SOIL

STATION TO STATION	205.0501.S 01. EXCAVATION, HAULING, AND DISPOSAL OF PETROLEUM CONTAMINATED SOIL TON
STH 241	
1125+25-1126+50	48.1
1126+50-1127+50	15.4
1152+25-1153+40	3.5
1178+00-1180+25	6.6
1204+75-1208+00	14.9
TOTALS	88.5

BACKFILL GRANULAR GRADE 1

STATION TO STATION	209.1500 BACKFILL GRANULAR GRADE 1 TON
STH 241	
1102+00 - 1125+50	-
1125+50 - 1152+00	22
1152+00 - 1178+50	66
1178+50 - 1210+50	3
TOTALS	91

REMOVING LANDSCAPE RETAINNING WALL

STATION TO STATION	204.9090.S.01 REMOVING LANDSCAPE RETAINNING WALL LF
STH 241	
1102+00 - 1125+50	-
1125+50 - 1152+00	-
1152+00 - 1178+50	260
1178+50 - 1210+50	35
TOTALS	295

BASE AGGREGATE DENSE 1 1/4-INCH

STATION TO STATION	305.0120 BASE AGGREGATE DENSE 1 1/4-INCH TON
STH 241	
1102+00 - 1125+50	-
1125+50 - 1152+00	-
1152+00 - 1178+50	36
1178+50 - 1210+50	-
TOTALS	36

DRILLED TIE BARS

STATION TO STATION	416.0610 DRILLED TIE BARS EACH
STH 241	
1102+00 - 1125+50	402
1125+50 - 1152+00	561
1152+00 - 1178+50	881
1178+50 - 1210+50	1,078
TOTALS	3,922

DRILLED DOWEL BARS

STATION TO STATION	416.0620 DRILLED DOWEL EACH
STH 241	
1102+00 - 1125+50	96
1125+50 - 1152+00	240
1152+00 - 1178+50	144
1178+50 - 1210+50	1,008
UNDISTRIBUTED	1,488
TOTALS	2,976

BASE PATCHING

STATION TO STATION	390.0100 REMOVING PAVEMENT FOR BASE PATCHING CY	390.0305 BASE PATCHING CONCRETE HES CY	390.0405 BASE PATCHING CONCRETE SHES CY
STH 241			
1102+00 - 1125+50	34	34	-
1125+50 - 1152+00	172	127	41
1152+00 - 1178+50	77	77	-
1178+50 - 1210+50	57	59	-
UNDISTRIBUTED	2,575	2,575	-
TOTALS	2,915	2,872	41

ALL ITEMS CATEGORY 0010

3

COLORED CONCRETE WISDOT RED

STATION TO STATION	405.0100 COLORED CONCRETE WISDOT RED CY
STH 241	
1102+00 - 1125+50	2
1125+50 - 1152+00	2
1152+00 - 1178+50	10
1178+50 - 1210+50	2
TOTALS	16

INCENTIVE DENSITY HMA PAVEMENT

STATION TO STATION	460.2000 INCENTIVE DENSITY HMA PAVEMENT DOL
STH 241	
UNDISTRIBUTED	13,660
TOTALS	13,660

HMA PAVEMENT

STATION TO STATION	460.6223 3 MT 58-28 S TON	460.6424 4 MT 58-28 H TON	465.0120 DRIVEWAYS AND FIELD ENTRANCES TON	465.0110 ASPHALTIC SURFACE PATCHING TON	465.0125 ASPHALTIC SURFACE TEMPORARY TON	455.0605 TACK COAT GAL
STH 241						
1102+00 - 1125+50	2,447	1,903	-	-	-	2,269
1125+50 - 1152+00	3,380	2,629	-	-	-	3,135
1152+00 - 1178+50	3,351	2,606	9	-	-	3,108
1178+50 - 1210+50	2,821	2,194	-	-	-	2,617
UNDISTRIBUTED	-	-	-	16	1,150	392
TOTALS	11,999	9,332	9	16	1,150	11,521

3

CONCRETE PAVEMENT

STATION TO STATION	416.1715 REPAIR SHES SY	416.1725 REPLACEMENT SHES SY	416.1710 REPAIR SY	416.1720 REPLACEMENT SY
STH 241				
1102+00 - 1125+50	-	-	-	-
1125+50 - 1152+00	-	-	-	-
1152+00 - 1178+50	-	-	-	-
1178+50 - 1210+50	28	1,274	11	255
TOTALS	28	1,274	11	255

CONCRETE CURB & GUTTER

STATION TO STATION	601.0331 31-INCH LF	601.0407 18-INCH TYPE D LF
STH 241		
1102+00 - 1125+50	826	-
1125+50 - 1152+00	902	-
1152+00 - 1178+50	1,463	211
1178+50 - 1210+50	1,460	-
TOTALS	4,651	211

CONCRETE CURB

STATION TO STATION	601.0600 PEDESTRIAN LF
STH 241	
1102+00 - 1125+50	229
1125+50 - 1152+00	149
1152+00 - 1178+50	334
1178+50 - 1210+50	333
TOTALS	1,045

CONCRETE SIDEWALK

STATION TO STATION	602.0410 5-INCH SF
STH 241	
1102+00 - 1125+50	3,756
1125+50 - 1152+00	6,933
1152+00 - 1178+50	9,538
1178+50 - 1210+50	10,924
TOTALS	31,151

CURB RAMP DETECTABLE WARNING FIELD YELLOW

STATION TO STATION	602.0505 CURB RAMP DETECTABLE WARNING FIELD YELLOW SF	602.0605 CURB RAMP DETECTABLE WARNING FIELD RADIAL YELLOW SF
STH 241		
1102+00 - 1125+50	160	105
1125+50 - 1152+00	280	21
1152+00 - 1178+50	360	148
1178+50 - 1210+50	400	130
TOTALS	1,200	404

CONCRETE DRIVEWAY

STATION TO STATION	602.0860 HES 6-INCH SY
STH 241	
1102+00 - 1125+50	-
1125+50 - 1152+00	-
1152+00 - 1178+50	68
1178+50 - 1210+50	-
TOTALS	68

COVER PLATES TEMPORARY

STATION	611.8120.S COVER PLATES TEMPORARY EACH
STREET NAME	
UNDISTRIBUTED	25
TOTALS	25

ALL ITEMS CATEGORY 0010

STORM SEWER STRUCTURES

STRUCTURE	STATION	OFFSET*	LOCATION	611.0420 RECONSTRUCTING MANHOLES EACH	611.0430 RECONSTRUCTING INLETS EACH	611.0530 MANHOLE COVERS TYPE J EACH	611.0600 INLET COVERS TYPE A EACH	611.0648 INLET COVERS TYPE R EACH	611.0651 INLET COVERS TYPE S EACH	611.2004 MANHOLES 4-FT DIAMETER EACH	611.2007 MANHOLES 7-FT DIAMETER EACH	611.3220 INLETS 2X2-FT EACH	611.3225 INLETS 2X2.5-FT EACH	611.8110 ADJUSTING MANHOLE COVERS EACH	611.8115 ADJUSTING INLET COVERS EACH	650.4000 CONSTRUCTION STAKING STORM SEWER EACH	FIELD VERIFY ALL ELEVATIONS OF REPLACEMENT STRUCTURES RIM** ELEVATION	INVERT*** ELEVATION	DEPTH**** FT
101	1105+48.63	63.34' RT	ALI-STH 241											1			763.26		
102	1108+50.37	84.38' RT	ALI-STH 241												1		773.36		
103	1113+18.68	84.98' RT	ALI-STH 241												1		778.17		
104	1108+76.07	55.94' RT	ALI-STH 241												1		774.83		
116	1125+91.54	65.11' RT	ALI-STH 241											1			772.71		
121	1126+45.36	54.81' LT	ALI-STH 241											1			772.34		
122	1126+45.84	5.13' LT	ALI-STH 241											1			773.32		
125	1113+83.18	64.71' RT	ALI-STH 241											1			772.62		
126	1126+18.98	85.52' RT	ALI-STH 241												1		772.54		
127	1126+35.94	86.16' RT	ALI-STH 241											1			772.90		
128	1128+45.22	63.81' RT	ALI-STH 241											1			773.24		
130	1130+25.36	63.95' RT	ALI-STH 241											1			774.03		
132	1130+70.20	90.85' RT	ALI-STH 241												1		774.79		
137	1139+52.81	110.88' LT	ALI-STH 241											1			785.42		
139	1140+17.55	4.23' RT	ALI-STH 241											1			787.29		
141	1139+94.30	65.96' RT	ALI-STH 241											1			786.51		
145	1139+44.90	84.73' RT	ALI-STH 241												1		785.74		
147	1148+24.63	51.40' LT	ALI-STH 241											1			782.84		
148	1148+49.87	55.19' LT	ALI-STH 241												1		782.10		
154	1152+52.64	60.10' LT	ALI-STH 241											1			775.12		
156	1152+77.56	85.86' LT	ALI-STH 241												1		774.66		
157	1153+10.54	86.95' LT	ALI-STH 241											1			774.00		
162	1155+83.16	55.58' RT	ALI-STH 241												1		768.87		
163	1156+07.42	64.87' LT	ALI-STH 241			1								1			769.65		
164	1156+50.44	54.77' LT	ALI-STH 241												1		768.40		
165	1159+28.50	61.99' LT	ALI-STH 241												1		766.32		
170	1159+78.04	55.15' RT	ALI-STH 241												1		766.89		
171	1161+08.32	55.13' RT	ALI-STH 241												1		764.71		
176	1165+32.26	63.74' RT	ALI-STH 241											1			768.61		
177	1165+98.00	81.86' LT	ALI-STH 241		1												768.97		
183	1172+75.74	86.51' LT	ALI-STH 241												1		769.87		
186	1172+62.97	63.91' RT	ALI-STH 241											1			771.39		
187	1172+56.05	85.45' RT	ALI-STH 241												1		771.43		
200	1185+83.32	55.18' RT	ALI-STH 241												1		755.14		
204	1186+84.74	74.68' LT	ALI-STH 241											1			754.87		
206	1188+79.69	55.16' RT	ALI-STH 241												1		753.19		
208	1189+84.65	54.69' LT	ALI-STH 241												1		752.50		
209	1192+15.73	55.00' RT	ALI-STH 241												1		751.50		
212	1193+30.81	64.03' RT	ALI-STH 241											1			750.80		
213	1192+64.51	80.60' RT	ALI-STH 241											1			750.95		
219	1202+58.12	11.99' LT	ALI-STH 241												1		727.98		
221	1205+82.86	53.09' LT	ALI-STH 241			1								1			724.61		
222	1206+42.11	65.32' LT	ALI-STH 241												1		723.48		
223	1206+23.42	4.55' RT	ALI-STH 241											1			724.34		
224	1206+24.59	81.45' RT	ALI-STH 241											1			723.51		
225	1209+91.75	55.14' RT	ALI-STH 241												1		716.13		
226	1139+79.55	85.17' RT	ALI-STH 241												1		786.07		
250	1116+66.01	63.11' LT	ALI-STH 241											1			776.24		
251	1126+57.62	116.23' LT	ALI-STH 241											1			770.53		
252	1126+99.22	38.70' RT	ALI-STH 241											1			772.76		
253	1139+53.40	64.42' RT	ALI-STH 241											1			785.89		
254	1139+53.72	85.15' RT	ALI-STH 241											1			786.04		

ALL ITEMS CATEGORY 0010

STORM SEWER STRUCTURES

STRUCTURE	STATION	OFFSET*	LOCATION	611.0420 RECONSTRUCTING MANHOLES EACH	611.0430 RECONSTRUCTING INLETS EACH	611.0530 MANHOLE COVERS TYPE J EACH	611.0600 INLET COVERS TYPE A EACH	611.0648 INLET COVERS TYPE R EACH	611.0651 INLET COVERS TYPE S EACH	611.2004 MANHOLES 4-FT DIAMETER EACH	611.2007 MANHOLES 7-FT DIAMETER EACH	611.3220 INLETS 2X2-FT EACH	611.3225 INLETS 2X2.5-FT EACH	611.8110 ADJUSTING MANHOLE COVERS EACH	611.8115 ADJUSTING INLET COVERS EACH	650.4000 CONSTRUCTION STAKING STORM SEWER EACH	FIELD VERIFY ALL ELEVATIONS OF REPLACEMENT STRUCTURES RIM** ELEVATION	INVERT*** ELEVATION	DEPTH**** FT
255	1148+45.51	6.74' LT	ALI-STH 241											1			783.03		
256	1152+51.65	86.28' LT	ALI-STH 241											1			775.00		
257	1153+10.44	59.95' LT	ALI-STH 241											1			773.94		
258	1161+41.73	51.17' LT	ALI-STH 241											1			767.30		
259	1165+96.23	65.80' LT	ALI-STH 241											1			768.91		
260	1179+22.96	61.71' LT	ALI-STH 241											1			776.61		
403	1117+54.59	55.34' RT	ALI-STH 241					1				1				1	775.70		
404	1126+34.98	64.41' RT	ALI-STH 241			1					1					1	772.68	751.84	20.01
405	1126+92.00	55.71' RT	ALI-STH 241					1				1				1	771.95		
407	1198+73.61	55.09' RT	ALI-STH 241					1				1				1	736.72		
408	1204+48.89	54.90' LT	ALI-STH 241					1				1				1	726.40		
409	1207+53.83	61.93' LT	ALI-STH 241						1				1			1	720.51		
410	1207+97.84	61.78' LT	ALI-STH 241			1				1						1	719.05		
411	1158+01.95	80.96' LT	ALI-STH 241				1					1				1	770.89	764.39	5.58
411A	1157+91.95	81.00' LT	ALI-STH 241				1					1				1	770.96	767.42	2.62
411B	1158+01.95	61.62' LT	ALI-STH 241			1				1						1	767.78	762.92	3.82
411C	1159+15.67	80.99' LT	ALI-STH 241				1					1				1	769.83	762.91	6.00
411D	1173+25.75	4.58' RT	ALI-STH 241						1			1				1	771.80	769.39	1.58
412	1152+12.92	55.25' RT	ALI-STH 241					1				1				1	775.45	770.95	3.67
413	1159+76.16	62.13' LT	ALI-STH 241			1				1						1	767.49		
500	1140+09.67	55.27' RT	ALI-STH 241		1												786.23		
501	1146+34.48	55.22' RT	ALI-STH 241		1												785.94		
502	1165+92.20	85.58' LT	ALI-STH 241		1												768.59		
503	1174+82.55	55.03' LT	ALI-STH 241		1												773.41		
504	1181+78.31	55.08' LT	ALI-STH 241		1												768.34		
505	1201+73.50	62.31' LT	ALI-STH 241		1												727.48		
506	1159+41.76	51.78' LT	ALI-STH 241	1													767.34		
507	1172+40.86	80.98' LT	ALI-STH 241		1												769.60		
601	1121+65.17	55.18' LT	ALI-STH 241					1									774.48		
602	1143+08.15	65.63' RT	ALI-STH 241			1											789.58		
603	1144+87.13	50.11' LT	ALI-STH 241			1									1		788.65		
604	1152+40.46	85.42' LT	ALI-STH 241					1							1		774.99		
150	1152+18.13	64.36' RT	ALI-STH 241											1			775.85		
607	1168+48.62	55.11' LT	ALI-STH 241					1									769.09		
608	1186+24.20	55.15' LT	ALI-STH 241					1									754.80		
			TOTALS	1	8	8	3	9	2	3	1	9	1	35	25	14			

REMARKS:

*STATIONS AND OFFSETS ARE TO CENTER OF STRUCTURE

**RIM ELEV IS AT THE INLET COVER FLANGE LOCATION

***FOR STRUCTURES WITH SUMPS, THE INVERT ELEVATION IS THE ELEVATION OF THE SUMP. FOR STRUCTURES WITHOUT SUMPS, THE INVERT ELEVATION IS THE ELEVATION OF THE LOWEST PIPE FLOW LINE

****DEPTH = RIM ELEV - TOP OF STRUCTURE BASE ELEV - COVER HEIGHT - 6-INCH ADJUSTMENT RING HEIGHT

***** FIELD VERIFY ALL ELEVATIONS AT EXISTING STRUCTURES

3

STORM SEWER PIPES

FROM		TO	LOCATION	520.8000 CONCRETE COLLARS FOR PIPE EACH	608.0312 STORM SEWER PIPE REINFORCED CONCRETE CLASS III 12-INCH LF	608.0318 STORM SEWER PIPE REINFORCED CONCRETE CLASS III 18-INCH LF	608.0324 STORM SEWER PIPE REINFORCED CONCRETE CLASS III 24-INCH LF	JOINT TIES* EACH	INLET ELEVATION	DISCHARGE ELEVATION	SLOPE FT/FT
404	-	EX	ALI-STH 241	1			6		FIELD VERIFY	FIELD VERIFY	0.0000
404	-	EX	ALI-STH 241	1			6		FIELD VERIFY	FIELD VERIFY	0.0000
404	-	EX	ALI-STH 241	1			6		FIELD VERIFY	FIELD VERIFY	0.0000
405	-	EX	ALI-STH 241	1	9				FIELD VERIFY	FIELD VERIFY	0.0000
407	-	EX	ALI-STH 241	1	6				FIELD VERIFY	FIELD VERIFY	0.0000
408	-	EX	ALI-STH 241	1	4				FIELD VERIFY	FIELD VERIFY	0.0000
409	-	EX	ALI-STH 241	1		6			FIELD VERIFY	FIELD VERIFY	0.0000
410	-	EX	ALI-STH 241	1	5				FIELD VERIFY	FIELD VERIFY	0.0000
411	-	411B	ALI-STH 241		19				764.39	763.42	0.0500
411A	-	411	ALI-STH 241		10				767.42	767.37	0.0050
411B	-	EX	ALI-STH 241	1		8			762.92	762.87	0.0073
411C	-	EX1	ALI-STH 241		19				762.91	762.63	0.0150
411D	-	EX3	ALI-STH 241	1	52				769.39	766.74	0.0505
413	-	EX	ALI-STH 241	1	10				FIELD VERIFY	FIELD VERIFY	0.0000
EX	-	409	ALI-STH 241	1	4				FIELD VERIFY	FIELD VERIFY	0.0000
			TOTALS	12	138	14	18	0			

*NON-BID ITEM: FOR INFORMATION ONLY

GUARDRAIL

STATION TO STATION	614.2300 MGS GUARDRAIL 3 LF	614.2620 MGS GUARDRAIL TERMINAL TYPE 2 EACH
STH 241		
1102+00 - 1125+50	-	-
1125+50 - 1152+00	-	-
1152+00 - 1178+50	200	4
1178+50 - 1210+50	-	-
TOTALS	200	4

EROSION CONTROL MOBILIZATIONS

STATION TO STATION	628.1905 MOBILIZATIONS EROSION CONTROL EACH	628.1910 MOBILIZATIONS EMERGENCY EROSION CONTROL EACH
STH 241		
UNDISTRIBUTED	2	2
TOTALS	2	2

3

CONCRETE MEDIAN NOSE

STATION TO STATION	620.0300 SLOPED NOSE SF
STH 241	
1102+00 - 1125+50	60
1125+50 - 1152+00	108
1152+00 - 1178+50	20
1178+50 - 1210+50	192
TOTALS	380

TOPSOIL

STATION TO STATION	625.0100 TOPSOIL SY
STH 241	
1102+00 - 1125+50	651
1125+50 - 1152+00	657
1152+00 - 1178+50	1,119
1178+50 - 1210+50	975
UNDISTRIBUTED	850
TOTALS	4,252

SOD

STATION TO STATION	629.0210 FERTILIZER TYPE B CWT	631.0300 SOD WATER MGAL	631.1000 SOD LAWN SY
STH 241			
1102+00 - 1125+50	0.3	7	651
1125+50 - 1152+00	0.3	7	657
1152+00 - 1178+50	0.5	13	1,119
1178+50 - 1210+50	0.6	11	975
UNDISTRIBUTED	0.4	5	850
TOTALS	2.1	43	4,252

INLET PROTECTION

STATION TO STATION	628.7005 INLET PROTECTION TYPE A EACH	628.7010 INLET PROTECTION TYPE B EACH	628.7015 INLET PROTECTION TYPE C EACH	628.7020 INLET PROTECTION TYPE D EACH
STH 241				
1102+00 - 1125+50	6	-	28	-
1125+50 - 1152+00	7	-	28	4
1152+00 - 1178+50	16	2	40	2
1178+50 - 1210+50	12	-	43	-
UNDISTRIBUTED	8	0	28	1
TOTALS	49	2	167	7

TEMPORARY PEDESTRIAN FACILITIES

STAGE	644.1410 SURFACE ASPHALT SF	644.1430 SURFACE PLATE SF	644.1605 DETECTABLE WARNING FIELD SF	644.1810 BARRICADE LF
STH 241				
STAGE 1	1,180	1,090	20	4,588
STAGE 2	580	-	-	1,062
TOTALS	1,760	1,090	20	5,650

ALL ITEMS CATEGORY 0010

3

3

TRAFFIC CONTROL

STAGE	DURATION DAYS	643.0300 TRAFFIC CONTROL DRUMS EACH	643.0300 TRAFFIC CONTROL DRUMS DAY	643.0420 TRAFFIC CONTROL BARRICADES TYPE III EACH	643.0420 TRAFFIC CONTROL BARRICADES TYPE III DAY	643.0705 TRAFFIC CONTROL WARNING LIGHTS TYPE A EACH	643.0705 TRAFFIC CONTROL WARNING LIGHTS TYPE A DAY	643.0715 TRAFFIC CONTROL WARNING LIGHTS TYPE C EACH	643.0715 TRAFFIC CONTROL WARNING LIGHTS TYPE C DAY	643.0800 TRAFFIC CONTROL ARROW BOARDS EACH	643.0800 TRAFFIC CONTROL ARROW BOARDS DAY	643.0900 TRAFFIC CONTROL SIGNS EACH	643.0900 TRAFFIC CONTROL SIGNS DAY	643.1050 TRAFFIC CONTROL SIGNS PCMS EACH	643.1050 TRAFFIC CONTROL SIGNS PCMS DAY	643.1070 TRAFFIC CONTROL CONES 42-INCH EACH	643.1070 TRAFFIC CONTROL CONES 42-INCH DAY
STH 241																	
STAGE 1A/B	90	1,474	132,660	72	6,480	144	12,960	104	9,360	4	360	115	10,350	2	14	378	33,984
STAGE 2A/B	62	479	29,698	92	5,704	184	11,408	104	6,448	4	248	134	8,308	2	14	310	19,220
STAGE 1 - LAYTON CLOSURE A	3	81	244	21	63	42	126	10	30	1	3	13	39	3	9	-	-
STAGE 1 - LAYTON CLOSURE B	3	147	442	25	75	50	150	23	69	1	3	25	75	3	9	-	-
STAGE 1 - LAYTON CLOSURE C	2	52	155	14	42	28	84	-	-	-	-	6	18	3	9	-	-
STAGE 1 - PEDESTRIAN DETOURS	5	-	-	-	-	-	-	-	-	-	-	326	1,630	-	-	-	-
STAGE2 - PEDESTRIAN DEETOURS	5	-	-	-	-	-	-	-	-	-	-	56	280	-	-	-	-
STH 241	8	-	-	-	-	-	-	-	-	-	-	130	1,040	-	-	-	-
STAGE 1 - LAYTON CLOSURE A DETOUR	3	-	-	2	6	4	12	-	-	-	-	130	390	-	-	-	-
STAGE 1 - LAYTON CLOSURE B DETOUR	3	-	-	2	6	4	12	-	-	-	-	128	384	-	-	-	-
STAGE 1 - LAYTON CLOSURE C DETOUR	3	-	-	1	3	2	6	-	-	-	-	70	210	-	-	-	-
TOTALS	187	2,233	163,199	229	12,379	458	24,758	241	15,907	10	614	1,133	22,724	13	55	688	53,204

TRAFFIC CONTROL

STAGE	643.5000 TRAFFIC CONTROL EACH	643.0910 TRAFFIC CONTROL COVERING SIGNS TYPE I EACH	643.0910 TRAFFIC CONTROL COVERING SIGNS TYPE I CYCLES	643.0910 TRAFFIC CONTROL COVERING SIGNS TYPE I SIGNS	643.0920 TRAFFIC CONTROL COVERING SIGNS TYPE II EACH	643.0920 TRAFFIC CONTROL COVERING SIGNS TYPE II CYCLES	643.0920 TRAFFIC CONTROL COVERING SIGNS TYPE II SIGNS	643.4100 TRAFFIC CONTROL INTERIM LANE CLOSURE EACH
STH 241								
STAGE 1	-	5	1	5	5	1	5	20
STAGE 2	-	5	1	5	5	1	5	40
UNDISTRIBUTED	1	-	-	-	-	-	-	-
TOTALS	1			10			10	60

TEMPORARY MARKING LINE

STAGE	643.3165 PAINT 6-INCH (WHITE) LF	643.3165 PAINT 6-INCH (YELLOW) LF	643.3265 PAINT 10-INCH (WHITE) LF	643.3180 REMOVABLE TAPE 6-INCH LF
STH 241				
STAGE 1A/B	20,840	5,572	2,395	20,808
STAGE 2A/B	-	22,041	1,073	5,295
TOTALS	20,840	27,613	3,468	26,103

MARKING LINE

STATION TO STATION	646.1020 EPOXY 4-INCH (WHITE) LF	646.1020 EPOXY 4-INCH (YELLOW) LF	646.3020 EPOXY 8-INCH (WHITE) LF	646.2040 GROOVED WET REF EPOXY 6-INCH (WHITE) LF	646.2040 GROOVED WET REF EPOXY 6-INCH (YELLOW) LF	646.2025 GROOVED WET REF EPOXY 6-INCH (BLACK) LF	646.4040 GROOVED WET REF EPOXY 10-INCH (WHITE) LF
STH 241							
1102+00 - 1125+50	-	-	-	7,643	3,945	2,530	3,341
1125+50 - 1152+00	-	1,869	200	7,227	4,013	2,443	3,466
1152+00 - 1178+50	65	-	108	7,133	3,967	2,539	2,659
1178+50 - 1210+50	-	350	94	11,645	6,799	4,288	4,653
TOTALS	65	2,219	402	33,648	18,724	11,800	14,119

TEMPORARY MARKING OTHER

STAGE	643.3960 TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH LF
STH 241	
STAGE 1AB	320
STAGE 2AB	320
STAGE 1B - LAYTON A	-
STAGE 1B - LAYTON B	-
TOTALS	640

ALL ITEMS CATEGORY 0010

MARKING OTHER

STATION TO STATION	646.5020 ARROW EPOXY EACH	646.5120 WORD EPOXY EACH	646.6120 STOP LINE EPOXY 18-INCH LF	646.7420 CROSSWALK EPOXY TRAVERSE LINE 6-INCH LF	646.8220 ISLAND NOSE EPOXY EACH	646.8120 CURB EPOXY LF	646.6020 STOP LINE EPOXY 12-INCH LF
STH 241							
1102+00 - 1125+50	16	7	108	339	8	630	-
1125+50 - 1152+00	16	5	225	1,081	11	624	-
1152+00 - 1178+50	18	3	238	941	10	656	-
1178+50 - 1210+50	28	11	650	1,729	9	499	280
TOTALS	78	26	1,221	4,090	38	2,409	280

CONSTRUCTION STAKING

ITEM	QUANTITY	UNIT	DESCRIPTION
650.5500	4,651	LF	CONSTRUCTION STAKING CURB GUTTER AND CURB & GUTTER
650.8000	9,928	LF	CONSTRUCTION STAKING RESURFACING REFERENCE
650.9000	128	EACH	CONSTRUCTION STAKING CURB RAMPS
650.9500	1	EACH	CONSTRUCTION STAKING SIDEWALK (2265-18-70)
650.9911	1	EACH	CONSTRUCTION STAKING SUPPLEMENTAL CONTROL (2265-18-70)

INCENTIVE IRI RIDE

	740.0440 INCENTIVE IRI RIDE DOL
STH 241	
UNDISTRIBUTED	22,273
TOTALS	22,273

FIELD FACILITIES OFFICE SPACE

STREET	SPV.0060.04 FIELD FACILITIES OFFICE SPACE EACH
STH 241	1
TOTALS	1

SAWING

STATION TO STATION	690.0150 ASPHALT LF	690.0250 CONCRETE LF
STH 241		
1102+00 - 1125+50	185	1,192
1125+50 - 1152+00	224	2,116
1152+00 - 1178+50	665	2,502
1178+50 - 1210+50	368	5,433
UNDISTRIBUTED	-	2,249
TOTALS	1,442	13,492

GRADING AND SHAPING CURB RAMPS

	SPV.0060 01. GRADING AND SHAPING CURB RAMPS EACH
STH 241	
1102+00-1125+50	20
1125+50-1152+00	17
1152+00-1178+50	36
TOTALS	106

UTILITY LINE OPENING (ULO)

	SPV.0060.02 UTILITY LINE OPENING (ULO) EACH
STH 241	
1139+27, 75' LT	1
1139+32, 76' RT	1
1152+19, 69' LT	1
1152+32, 76' LT	1
1153+27, 76' LT	1
1153+39, 69' LT	1
1173+26, 5' RT	1
1205+09, 72' LT	1
1205+30, 77' RT	1
1206+37, 76' RT	1
UNDISTRIBUTED	4
TOTALS	14

SALVAGE WHEEL STOPS

	SPV.0060 005. SALVAGE WHEEL STOPS EACH
STH 241	
1187+25	2
TOTALS	2

SPV ITEMS

STATION TO STATION	SPV.0090.01 TUCK POINT LANDSCAPE RETAINING WALL LF
STH 241	
1182+17 - 1182+43	26
1182+86 - 1183+47	61
1192+33 - 1193+81	151
TOTALS	238

ADJUSTING PULL BOXES

STATION	CATEGORY 0020 653.0900 ADJUSTING PULL BOXES EACH
STH 241	
1113+51, 2.71' LT	1
1130+03, 3.90' LT	1
1159+06, 62.44' LT	1
1163+73, 0.3 LT	1
TOTALS	4

ITEMS CATEGORY 0010 UNLESS NOTED

3

WALL MODULAR BLOCK GRAVITY LANDSCAPE

SPV.0165.01
WALL MODULAR BLOCK GRAVITY LANDSCAPE

STREET	SF
STH 241	
1156+39 - 1159+25	885
TOTALS	885

TEMPORARY BUS STOP

SPV.0060.03
TEMPORARY BUS STOP

STATION TO STATION	EACH
STH 241	
1102+00 - 1125+50	4
1125+50 - 1152+00	4
1152+00 - 1178+50	4
1178+50 - 1210+50	4
TOTALS	16

EXCAVATION, HAULING, AND DISPOSAL OF PAH AND LEAD CONTAMINATED SOIL

SPV.0195
001. EXCAVATION, HAULING, AND DISPOSAL OF PAH AND LEAD CONTAMINATED SOIL

	TON
STH 241	
1179+25-1180+25	0.5
1202+50-1204+75	4.6
1207+25-1208+25	15.0
TOTALS	20.1

3

SANITARY MANHOLES

CATEGORY 0040
SPV.0060.100
ADJUSTING SANITARY MANHOLE, MILWAUKEE

STATION	EACH
STH 241	
1108+36, 54.3' RT	1
1113+02, 54.0' RT	1
1126+43, 54.5' RT	1
1130+56, 54.6' RT	1
1139+63, 57.6' RT	1
1143+22, 53.4' RT	1
1146+08, 53.4' RT	1
1148+37, 53.5' RT	1
1150+36, 53.7' RT	1
1152+37, 55.4' RT	1
1153+70, 53.5' RT	1
1158+37, 53.7' RT	1
1161+22, 53.0' RT	1
1172+71, 54.5' RT	1
1179+36, 54.5' RT	1
1192+59, 54.1' RT	1
1199+22, 71.0' RT	1
1205+09, 72.0' RT	1
TOTALS	18

SANITARY MANHOLES

CATEGORY 0020
SPV.0060.030
ADJUSTING SANITARY MANHOLE, GREENFIELD

STATION	EACH
STH 241	
1112+70, 65.9' LT	1
1114+95, 53.0' LT	1
1125+99, 65.3' LT	1
1126+35, 72.3' LT	1
1152+81, 69.4' LT	1
1159+61, 67.9' LT	1
1161+22, 14.0' LT	1
1172+59, 72.7' LT	1
1176+67, 52.4' LT	1
1179+36, 50.1' LT	1
1181+87, 50.0' LT	1
1185+26, 50.3' LT	1
1192+66, 50.2' LT	1
1195+93, 51.7' LT	1
1199+24, 51.7' LT	1
1201+83, 50.6' LT	1
1205+43, 51.6' LT	1
TOTALS	17

JOINT AND CRACK REPAIR

SPV.0195
.003 JOINT AND CRACK REPAIR

	TON
STH 241	
1103+55 - 1202+83	5,313
TOTALS	5,313

ADJUSTING WATER VALVE BOXES

CATEGORY 0030
SPV.0060.039
ADJUSTING WATER VALVE BOXES

STATION	EACH
STH 241	
UNDISTRIBUTED	70
TOTALS	70

ASPHALTIC REPAIR

SPV.0195
02. ASPHALTIC REPAIR

	TON
STH 241	
UNDISTRIBUTED	732
TOTALS	732

CUC MANHOLES

CATEGORY 0020
SPV.0060.400
ADJUSTING CUC MANHOLE COVER

STATION	EACH
STH 241	
1139+93, 9.5' LT	1
1152+55, 9.5' RT	1
1159+13, 9.4' RT	1
1162+86, 8.8' RT	1
1178+97, 6.5' RT	1
1205+56, 8.0' RT	1
TOTALS	6

MARKING REMOVAL

STATION TO STATION	646.9000 LINE 4-INCH LF	646.9010 LINE WATER BLASTING 4-INCH LF	646.9310 SPECIAL MARKING WATER BLASTING EACH
STH 241			
1102+00 - 1125+50	628	-	-
1125+50 - 1152+00	611	420	-
1152+00 - 1178+50	633	-	-
1178+50 - 1210+50	581	1,140	4
TOTALS	2,453	1,560	4

ITEMS CATEGORY 0010 UNLESS NOTED

TYPE II PERMANENT SIGNING

2265-18-70 STH 241

SIGN NO.	SIGN CODE & SIZE	SIGN TYPE	SIGN MESSAGE	TYPE II SIGN SIZE W [IN.]	x	H [IN.]	637.2210 SIGNS TYPE II REFLC H [SF]	637.2230 SIGNS TYPE II REFLC F [SF]	638.2602 REMOVING SIGNS TYPE II [EA]	638.3000 REMOVING SMALL SIGN SUPPORTS [EA]	634.0618 POSTS WOOD 4"X 6"X18' [EA]	634.0808 POSTS TUBULAR STEEL 2"x2"x8' [EA]	638.2102 MOVING SIGNS TYPE II [EA]	MOUNT ON SAME POST AS SIGN #	REMARKS / NEW SIGN LOCATION
1	R7-1D --	II	--	--	x	--	--	--	--	1	1	--	1	--	
2	J2-2 --	II	--	--	x	--	--	--	--	1	1	--	1	--	
3	R5-1 --	II	--	--	x	--	--	--	--	1	1	--	1	--	
4	S1-1 --	II	--	--	x	--	--	--	--	1	1	--	1	--	
5	S16-7L --	II	--	--	x	--	--	--	--	--	--	--	1	4	
6	S1-1 2M	II	--	36	x	36	--	6.75	--	--	1	--	--	--	
7	S16-7R 2M	II	--	30	x	18	--	3.75	--	--	--	--	--	6	
8	S1-1 --	II	--	--	x	--	--	--	--	1	1	--	1	--	
9	S16-7R --	II	--	--	x	--	--	--	--	--	--	--	1	8	
10	M1-94H --	II	W Ramsey Ave	96	x	18	12.00	--	--	--	--	--	--	--	ON SIGNAL ARM
11	M1-94S --	II	241 S. 27th St.	84	x	18	10.50	--	--	--	--	--	--	--	ON SIGNAL ARM
12	M1-94S --	II	241 S. 27th St.	84	x	18	10.50	--	--	--	--	--	--	--	ON SIGNAL ARM
13	M1-94H --	II	W Ramsey Ave	96	x	18	12.00	--	--	--	--	--	--	--	ON SIGNAL ARM
14	S1-1 --	II	--	--	x	--	--	--	--	1	1	--	1	--	
15	S16-7L --	II	--	--	x	--	--	--	--	--	--	--	1	14	
16	M1-94H --	II	W Parnell Ave	96	x	18	12.00	--	--	--	--	--	--	--	ON SIGNAL ARM
17	M1-94S. --	II	241 S. 27th St.	84	x	18	10.50	--	--	--	--	--	--	--	ON SIGNAL ARM
18	M1-94S --	II	241 S. 27th St.	84	x	18	10.50	--	--	--	--	--	--	--	ON SIGNAL ARM
19	M1-94H --	II	W Parnell Ave	96	x	18	12.00	--	--	--	--	--	--	--	ON SIGNAL ARM
20	M1-94H --	II	W Grange Ave	90	x	18	11.25	--	--	--	--	--	--	--	ON SIGNAL ARM
21	M1-94S --	II	241 S. 27th St.	84	x	18	10.50	--	--	--	--	--	--	--	ON SIGNAL ARM
22	M1-94S --	II	241 S. 27th St.	84	x	18	10.50	--	--	--	--	--	--	--	ON SIGNAL ARM
23	M1-94H --	II	W Grange Ave	90	x	18	11.25	--	--	--	--	--	--	--	ON SIGNAL ARM
23A	R3-55L --	II	--	--	x	--	--	--	--	1	1	--	1	--	
24	M1-94H --	II	W Edgerton Ave	108	x	18	13.50	--	--	--	--	--	--	--	ON SIGNAL ARM
25	M1-94S --	II	241 S. 27th St.	84	x	18	10.50	--	--	--	--	--	--	--	ON SIGNAL ARM
26	M1-94H --	II	W Edgerton Ave	108	x	18	13.50	--	--	--	--	--	--	--	ON SIGNAL ARM
27	M1-94S --	II	241 S. 27th St.	84	x	18	10.50	--	--	--	--	--	--	--	ON SIGNAL ARM
28	R5-1 --	II	--	--	x	--	--	--	--	1	1	--	1	--	--
29	R4-7 --	II	--	--	x	--	--	--	--	1	1	--	1	--	--
30	R1-1 --	II	--	--	x	--	--	--	--	1	1	--	1	--	--

ALL ITEMS CATEGORY 0010 | SHEET 1 OF 8

TYPE II PERMANENT SIGNING

SIGN NO.	SIGN CODE & SIZE		SIGN TYPE	SIGN MESSAGE	TYPE II SIGN SIZE W [IN.]	x	H [IN.]	**637.2210** SIGNS TYPE II REFLC H [SF]	**637.2230** SIGNS TYPE II REFLC F [SF]	**638.2602** REMOVING SIGNS TYPE II [EA]	**638.3000** REMOVING SMALL SIGN SUPPORTS [EA]	**634.0618** POSTS WOOD 4"X 6"X18' [EA]	**634.0808** POSTS TUBULAR STEEL 2"x2"x8' [EA]	**638.2102** MOVING SIGNS TYPE II [EA]	MOUNT ON SAME POST AS SIGN #	REMARKS / NEW SIGN LOCATION
31	R4-7	--	II	--	--	x	--	--	--	--	1	1	--	1	--	--
32	R7-1D	--	II	--	--	x	--	--	--	--	1	1	--	1	--	--
33	W11-2	--	II	--	--	x	--	--	--	--	1	1	--	1	--	--
34	S16-7L	--	II	--	--	x	--	--	--	--	--	--	--	1	23	--
35	R4-7	--	II	--	--	x	--	--	--	--	1	1	--	1	--	--
36	R1-1	--	II	--	--	x	--	--	--	--	1	1	--	1	--	--
37	R9-3A	2S	II	--	24	x	24	4.00	--	--	--	--	1	--	--	--
38	R9-3BL	2S	II	--	18	x	12	1.50	--	--	--	--	--	--	25	--
39	R9-3A	2S	II	--	24	x	24	4.00	--	--	--	--	1	--	--	--
40	R9-3BR	2S	II	--	18	x	12	1.50	--	--	--	--	--	--	29	--
41	W11-2	--	II	--	--	x	--	--	--	--	1	1	--	1	--	--
42	S-167L	--	II	--	--	x	--	--	--	--	--	--	--	1	--	--
43	W16-9P	2M	II	--	30	x	18	--	3.75	--	--	--	--	--	--	ON EXISTING POST
44	W16-9P	2M	II	--	30	x	18	--	3.75	--	--	--	--	--	--	ON EXISTING POST
45	M1-94S	--	II	Y W, Layton Ave	96	x	18	12.00	--	1	--	--	--	--	--	ON SIGNAL ARM
46	M1-94S	--	II	241 S. 27th St.	84	x	18	10.50	--	--	--	--	--	--	--	ON SIGNAL ARM
47	M1-94S	--	II	241 S. 27th St.	84	x	18	10.50	--	--	--	--	--	--	--	ON SIGNAL ARM
48	M1-94S	--	II	Y W, Layton Ave	96	x	18	12.00	--	1	--	--	--	--	--	ON SIGNAL ARM
50	W11-2	2M	II	--	36	x	36	--	9.00	--	--	1	--	--	--	--
51	W11-2	2M	II	--	36	x	36	--	9.00	--	--	--	--	--	--	ON EXISTING POST
52	W16-9P	2M	II	--	30	x	18	--	3.75	--	--	--	--	--	50	--
53	W16-9P	2M	II	--	30	x	18	--	3.75	--	--	--	--	--	51	ON EXISTING POST
54	R4-7	2M	II	--	24	x	30	5.00	--	--	--	1	--	--	--	--
55	W11-2	2M	II	--	36	x	36	--	9.00	--	--	1	--	--	--	--
56	W16-7L	2M	II	--	30	x	18	--	3.75	--	--	--	--	--	55	--
57	W11-2	2M	II	--	36	x	36	--	9.00	--	--	1	--	--	--	--
58	W16-7L	2M	II	--	30	x	18	--	3.75	--	--	--	--	--	57	--
59	W11-2	2M	II	--	36	x	36	--	9.00	--	--	--	--	--	--	ON EXISTING POST

SIGN NO.	SIGN CODE & SIZE	SIGN TYPE	SIGN MESSAGE	TYPE II SIGN SIZE W [IN.] x H [IN.]	637.2210 SIGNS TYPE II REFLC H [SF]	637.2230 SIGNS TYPE II REFLC F [SF]	638.2602 REMOVING SIGNS TYPE II [EA]	638.3000 REMOVING SMALL SIGN SUPPORTS [EA]	634.0618 POSTS WOOD 4"X 6"X18' [EA]	634.0808 POSTS TUBULAR STEEL 2"x2"x8' [EA]	638.2102 MOVING SIGNS TYPE II [EA]	MOUNT ON SAME POST AS SIGN #	REMARKS / NEW SIGN LOCATION
60	W11-2 2M	II	--	36 x 36	--	9.00	--	--	--	--	--	--	ON EXISTING POST
61	W16-7R 2M	II	--	30 x 18	--	3.75	--	--	--	--	--	59	ON EXISTING POST
62	W16-7R 2M	II	--	30 x 18	--	3.75	--	--	--	--	--	60	ON EXISTING POST
63	W11-2 2M	II	--	36 x 36	--	9.00	--	--	1	--	--	--	--
64	W16-7L 2M	II	--	30 x 18	--	3.75	--	--	--	--	--	63	--
65	W11-2 2M	II	--	36 x 36	--	9.00	--	--	1	--	--	--	--
66	W11-2 2M	II	--	36 x 36	--	9.00	--	--	--	--	--	65	ON BACK SIDE
67	W16-7R 2M	II	--	30 x 18	--	3.75	--	--	--	--	--	65	--
68	W16-7R 2M	II	--	30 x 18	--	3.75	--	--	--	--	--	65	ON BACK SIDE
69	R4-7 2M	II	--	24 x 30	5.00	--	--	--	1	--	--	--	--
70	S1-1 2M	II	--	36 x 36	--	9.00	--	--	1	--	--	--	--
71	S1-1 2M	II	--	36 x 36	--	9.00	--	--	1	--	--	--	--
72	S16-9P 2M	II	--	30 x 18	--	3.75	--	--	--	--	--	70	--
73	S16-9P 2M	II	--	30 x 18	--	3.75	--	--	--	--	--	71	--
74	R2-6P 2M	II	--	24 x 18	3.00	--	--	--	--	--	--	70	--
75	R2-6P 2M	II	--	24 x 18	3.00	--	--	--	--	--	--	71	--
76	W11-2 2M	II	--	36 x 36	--	9.00	--	--	1	--	--	--	--
77	W11-2 2M	II	--	36 x 36	--	9.00	--	--	1	--	--	--	--
78	W16-7L 2M	II	--	30 x 18	--	3.75	--	--	--	--	--	76	--
79	W16-7L 2M	II	--	30 x 18	--	3.75	--	--	--	--	--	77	--
80	S5-2 2M	II	--	24 x 30	5.00	--	--	--	1	--	--	--	--
81	S5-2 2M	II	--	24 x 30	5.00	--	--	--	1	--	--	--	--
84	W11-2 2M	II	--	36 x 36	--	9.00	--	--	1	--	--	--	--
85	W11-2 2M	II	--	36 x 36	--	9.00	--	--	1	--	--	--	--
86	W16-7L 2M	II	--	30 x 18	--	3.75	--	--	--	--	--	82	--
87	W16-7L 2M	II	--	30 x 18	--	3.75	--	--	--	--	--	83	--
88	W11-2 2M	II	--	36 x 36	--	9.00	--	--	1	--	--	--	--
89	W11-2 2M	II	--	36 x 36	--	9.00	--	--	--	--	--	88	ON BACK SIDE
90	W16-7R 2M	II	--	30 x 18	--	3.75	--	--	--	--	--	88	--
91	W16-7R 2M	II	--	30 x 18	--	3.75	--	--	--	--	--	88	ON BACK SIDE

SIGN NO.	SIGN CODE & SIZE	SIGN TYPE	SIGN MESSAGE	TYPE II SIGN SIZE W [IN.] x H [IN.]	637.2210 SIGNS TYPE II REFLC H [SF]	637.2230 SIGNS TYPE II REFLC F [SF]	638.2602 REMOVING SIGNS TYPE II [EA]	638.3000 REMOVING SMALL SIGN SUPPORTS [EA]	634.0618 POSTS WOOD 4"X6"X18' [EA]	634.0808 POSTS TUBULAR STEEL 2"x2"x8' [EA]	638.2102 MOVING SIGNS TYPE II [EA]	MOUNT ON SAME POST AS SIGN #	REMARKS / NEW SIGN LOCATION
92	W11-2 2M	II	--	36 x 36	--	9.00	--	--	1	--	--	--	--
93	W16-7L 2M	II	--	30 x 18	--	3.75	--	--	--	--	--	92	--
94	S1-1 2M	II	--	36 x 36	--	9.00	--	--	1	--	--	--	--
95	S16-9P 2M	II	--	30 x 18	--	3.75	--	--	--	--	--	94	--
96	R1-1F 2M	II	--	36 x 36	9.00	--	--	--	--	--	--	--	ON EXISTING POST
97	R1-1F 2M	II	--	36 x 36	9.00	--	--	--	--	--	--	--	ON EXISTING POST
98	W11-2 2M	II	--	36 x 36	--	9.00	--	--	1	--	--	--	--
99	W16-7L 2M	II	--	30 x 18	--	3.75	--	--	--	--	--	98	--
100	R1-1F 2M	II	--	36 x 36	9.00	--	--	--	--	--	--	--	ON EXISTING POST
101	R1-1F 2M	II	--	36 x 36	9.00	--	--	--	--	--	--	--	ON EXISTING POST
102	R1-1F 2M	II	--	36 x 36	9.00	--	--	--	--	--	--	--	ON EXISTING POST
103	W11-2 2M	II	--	36 x 36	--	9.00	--	--	1	--	--	--	--
104	W11-2 2M	II	--	36 x 36	--	9.00	--	--	--	--	--	--	--
105	W16-7R 2M	II	--	30 x 18	--	3.75	--	--	--	--	--	103	--
106	W16-7R 2M	II	--	30 x 18	--	3.75	--	--	--	--	--	104	--
107	W11-2 2M	II	--	36 x 36	--	9.00	--	--	1	--	--	--	--
108	W16-7L 2M	II	--	30 x 18	--	3.75	--	--	--	--	--	107	--
109	R1-1F 2M	II	--	36 x 36	9.00	--	--	--	--	--	--	--	ON EXISTING POST
110	R1-1F 2M	II	--	36 x 36	9.00	--	--	--	--	--	--	--	ON EXISTING POST
111	R1-1F 2M	II	--	36 x 36	9.00	--	--	--	--	--	--	--	ON EXISTING POST
112	R1-1F 2M	II	--	36 x 36	9.00	--	--	--	--	--	--	--	ON EXISTING POST
113	R1-1F 2M	II	--	36 x 36	9.00	--	--	--	--	--	--	--	ON EXISTING POST
114	R1-1F 2M	II	--	36 x 36	9.00	--	--	--	--	--	--	--	ON EXISTING POST
115	W11-2 2M	II	--	36 x 36	--	9.00	--	--	1	--	--	--	--
116	W11-2 2M	II	--	36 x 36	--	9.00	--	--	1	--	--	--	--
117	W16-9P 2M	II	--	30 x 18	--	3.75	--	--	--	--	--	115	--
118	W16-9P 2M	II	--	30 x 18	--	3.75	--	--	--	--	--	116	--
119	R1-1F 2M	II	--	36 x 36	9.00	--	--	--	--	--	--	--	ON EXISTING POST
120	W11-2 2M	II	--	36 x 36	--	9.00	--	--	1	--	--	--	--
121	W16-7L 2M	II	--	30 x 18	--	3.75	--	--	--	--	--	120	--

TYPE II PERMANENT SIGNING

2265-18-70 STH 241

SIGN NO.	SIGN CODE & SIZE	SIGN TYPE	SIGN MESSAGE	TYPE II SIGN SIZE W [IN.]	x	H [IN.]	637.2210 SIGNS TYPE II REFLC H [SF]	637.2230 SIGNS TYPE II REFLC F [SF]	638.2602 REMOVING SIGNS TYPE II [EA]	638.3000 REMOVING SMALL SIGN SUPPORTS [EA]	634.0618 POSTS WOOD 4"X 6"X18' [EA]	634.0808 POSTS TUBULAR STEEL 2"x2"x8' [EA]	638.2102 MOVING SIGNS TYPE II [EA]	MOUNT ON SAME POST AS SIGN #	REMARKS / NEW SIGN LOCATION
122	W11-2 2M	II	--	36	x 36		--	9.00	--	--	1	--	--	--	--
123	W16-7L 2M	II	--	30	x 18		--	3.75	--	--	--	--	--	120	--
124	W11-2 2M	II	--	36	x 36		--	9.00	--	--	1	--	--	--	--
125	W11-2 2M	II	--	36	x 36		--	9.00	--	--	1	--	--	--	--
126	W16-7R 2M	II	--	30	x 18		--	3.75	--	--	--	--	--	124	--
127	W16-7R 2M	II	--	30	x 18		--	3.75	--	--	--	--	--	125	--
128	W11-2 2M	II	--	36	x 36		--	9.00	--	--	1	--	--	--	--
129	W11-2 2M	II	--	36	x 36		--	9.00	--	--	1	--	--	--	--
130	W16-7L 2M	II	--	30	x 18		--	3.75	--	--	--	--	--	128	--
131	W16-7L 2M	II	--	30	x 18		--	3.75	--	--	--	--	--	129	--
132	W11-2 2M	II	--	36	x 36		--	9.00	--	--	1	--	--	--	--
133	W11-2 2M	II	--	36	x 36		--	9.00	--	--	1	--	--	--	--
134	W16-7R 2M	II	--	30	x 18		--	3.75	--	--	--	--	--	132	--
135	W16-7R 2M	II	--	30	x 18		--	3.75	--	--	--	--	--	133	--
136	W11-2 2M	II	--	36	x 36		--	9.00	--	--	1	--	--	--	--
137	W16-7L 2M	II	--	30	x 18		--	3.75	--	--	--	--	--	136	--
138	W11-2 2M	II	--	36	x 36		--	9.00	--	--	1	--	--	--	--
139	W16-7L 2M	II	--	30	x 18		--	3.75	--	--	--	--	--	138	--
140	W11-2 2M	II	--	36	x 36		--	9.00	--	--	1	--	--	--	--
141	W16-7L 2M	II	--	30	x 18		--	3.75	--	--	--	--	--	140	--
142	W11-2 2M	II	--	36	x 36		--	9.00	--	--	1	--	--	--	--
143	W11-2 2M	II	--	36	x 36		--	9.00	--	--	1	--	--	--	--
144	W16-7R 2M	II	--	30	x 18		--	3.75	--	--	--	--	--	142	--
145	W16-7R 2M	II	--	30	x 18		--	3.75	--	--	--	--	--	143	--
146	W11-2 2M	II	--	36	x 36		--	9.00	--	--	1	--	--	--	--
147	W11-2 2M	II	--	36	x 36		--	9.00	--	--	1	--	--	--	--
148	W16-7R 2M	II	--	30	x 18		--	3.75	--	--	--	--	--	146	--
149	W16-7R 2M	II	--	30	x 18		--	3.75	--	--	--	--	--	147	--
150	W11-2 2M	II	--	36	x 36		--	9.00	--	--	1	--	--	--	--
151	W16-7L 2M	II	--	30	x 18		--	3.75	--	--	--	--	--	150	--

3

SIGN NO.	SIGN CODE & SIZE	SIGN TYPE	SIGN MESSAGE	TYPE II SIGN SIZE W [IN.]	x	H [IN.]	637.2210 SIGNS TYPE II REFLC H [SF]	637.2230 SIGNS TYPE II REFLC F [SF]	638.2602 REMOVING SIGNS TYPE II [EA]	638.3000 REMOVING SMALL SIGN SUPPORTS [EA]	634.0618 POSTS WOOD 4"X 6"X18' [EA]	634.0808 POSTS TUBULAR STEEL 2"x2"x8' [EA]	638.2102 MOVING SIGNS TYPE II [EA]	MOUNT ON SAME POST AS SIGN #	REMARKS / NEW SIGN LOCATION
152	W11-2 2M	II	--	36	x 36		--	9.00	--	--	1	--	--	--	--
153	W16-7L 2M	II	--	30	x 18		--	3.75	--	--	--	--	--	152	--
154	W11-2 2M	II	--	36	x 36		--	9.00	--	--	1	--	--	--	--
155	W16-7L 2M	II	--	30	x 18		--	3.75	--	--	--	--	--	154	--
158	W11-2 2M	II	--	36	x 36		--	9.00	--	--	1	--	--	--	--
159	W11-2 2M	II	--	36	x 36		--	9.00	--	--	1	--	--	--	--
160	W16-7R 2M	II	--	30	x 18		--	3.75	--	--	--	--	--	158	--
161	W16-7R 2M	II	--	30	x 18		--	3.75	--	--	--	--	--	159	--
162	W11-2 2M	II	--	36	x 36		--	9.00	--	--	1	--	--	--	--
163	W16-7L 2M	II	--	30	x 18		--	3.75	--	--	--	--	--	162	--
164	W11-2 2M	II	--	36	x 36		--	9.00	--	--	1	--	--	--	--
165	W16-7L 2M	II	--	30	x 18		--	3.75	--	--	--	--	--	164	--
166	W11-2 2M	II	--	36	x 36		--	9.00	--	--	1	--	--	--	--
167	W16-7L 2M	II	--	30	x 18		--	3.75	--	--	--	--	--	166	--
168	W11-2 2M	II	--	36	x 36		--	9.00	--	--	1	--	--	--	--
169	W11-2 2M	II	--	36	x 36		--	9.00	--	--	1	--	--	--	--
170	W16-7R 2M	II	--	30	x 18		--	3.75	--	--	--	--	--	168	--
171	W16-7R 2M	II	--	30	x 18		--	3.75	--	--	--	--	--	169	--
172	W11-2 2M	II	--	36	x 36		--	9.00	--	--	1	--	--	--	--
173	W16-7L 2M	II	--	30	x 18		--	3.75	--	--	--	--	--	172	--
174	W11-2 2M	II	--	36	x 36		--	9.00	--	--	1	--	--	--	--
175	W11-2 2M	II	--	36	x 36		--	9.00	--	--	1	--	--	--	--
176	W16-7R 2M	II	--	30	x 18		--	3.75	--	--	--	--	--	174	--
177	W16-7R 2M	II	--	30	x 18		--	3.75	--	--	--	--	--	175	--
178	R1-1F 2M	II	--	36	x 36		9.00	--	--	--	--	--	--	--	ON EXISTING POST
179	R1-1F 2M	II	--	36	x 36		9.00	--	--	--	--	--	--	--	ON EXISTING POST
180	W11-2 2M	II	--	36	x 36		--	9.00	--	--	1	--	--	--	--
181	W11-2 2M	II	--	36	x 36		--	9.00	--	--	1	--	--	--	--
182	W16-7L 2M	II	--	30	x 18		--	3.75	--	--	--	--	--	180	--
183	W16-7L 2M	II	--	30	x 18		--	3.75	--	--	--	--	--	181	--

SIGN NO.	SIGN CODE & SIZE	SIGN TYPE	SIGN MESSAGE	TYPE II SIGN SIZE W [IN.] x H [IN.]	637.2210 SIGNS TYPE II REFLC H [SF]	637.2230 SIGNS TYPE II REFLC F [SF]	638.2602 REMOVING SIGNS TYPE II [EA]	638.3000 REMOVING SMALL SIGN SUPPORTS [EA]	634.0618 POSTS WOOD 4"X 6"X18' [EA]	634.0808 POSTS TUBULAR STEEL 2"x2"x8' [EA]	638.2102 MOVING SIGNS TYPE II [EA]	MOUNT ON SAME POST AS SIGN #	REMARKS / NEW SIGN LOCATION
184	W11-2 2M	II	--	36 x 36	--	9.00	--	--	1	--	--	--	--
185	W11-2 2M	II	--	36 x 36	--	9.00	--	--	1	--	--	--	--
186	W16-7R 2M	II	--	30 x 18	--	3.75	--	--	--	--	--	184	--
187	W16-7R 2M	II	--	30 x 18	--	3.75	--	--	--	--	--	185	--
188	W11-2 2M	II	--	36 x 36	--	9.00	--	--	1	--	--	--	--
189	W16-7L 2M	II	--	30 x 18	--	3.75	--	--	--	--	--	188	--
190	W11-2 2M	II	--	36 x 36	--	9.00	--	--	1	--	--	--	--
191	W11-2 2M	II	--	36 x 36	--	9.00	--	--	1	--	--	--	--
192	W16-7R 2M	II	--	30 x 18	--	3.75	--	--	--	--	--	190	--
193	W16-7R 2M	II	--	30 x 18	--	3.75	--	--	--	--	--	191	--
194	W11-2 2M	II	--	36 x 36	--	9.00	--	--	1	--	--	--	--
195	W11-2 2M	II	--	36 x 36	--	9.00	--	--	1	--	--	--	--
196	W16-7R 2M	II	--	30 x 18	--	3.75	--	--	--	--	--	194	--
197	W16-7R 2M	II	--	30 x 18	--	3.75	--	--	--	--	--	195	--
198	W11-2 2M	II	--	36 x 36	--	9.00	--	--	1	--	--	--	--
199	W11-2 2M	II	--	36 x 36	--	9.00	--	--	1	--	--	--	--
200	W16-7L 2M	II	--	30 x 18	--	3.75	--	--	--	--	--	198	--
201	W16-7L 2M	II	--	30 x 18	--	3.75	--	--	--	--	--	199	--
202	W11-2 2M	II	--	36 x 36	--	9.00	--	--	1	--	--	--	--
203	W11-2 2M	II	--	36 x 36	--	9.00	--	--	1	--	--	--	--
204	W16-7L 2M	II	--	30 x 18	--	3.75	--	--	--	--	--	202	--
205	W16-7L 2M	II	--	30 x 18	--	3.75	--	--	--	--	--	203	--
206	W11-2 2M	II	--	36 x 36	--	9.00	--	--	1	--	--	--	--
207	W11-2 2M	II	--	36 x 36	--	9.00	--	--	1	--	--	--	--
208	W16-7R 2M	II	--	30 x 18	--	3.75	--	--	--	--	--	206	--
209	W16-7R 2M	II	--	30 x 18	--	3.75	--	--	--	--	--	207	--
210	R1-1F 2M	II	--	36 x 36	9.00	--	--	--	--	--	--	--	ON EXISTING POST
211	R1-1F 2M	II	--	36 x 36	9.00	--	--	--	--	--	--	--	ON EXISTING POST
212	W11-2 2M	II	--	36 x 36	--	9.00	--	--	1	--	--	--	--
213	W16-7L 2M	II	--	30 x 18	--	3.75	--	--	--	--	--	212	--

3

TYPE II PERMANENT SIGNING

2265-18-70 STH 241

SIGN NO.	SIGN CODE & SIZE	SIGN TYPE	SIGN MESSAGE	TYPE II SIGN SIZE W [IN.] x H [IN.]	**637.2210** SIGNS TYPE II REFLC H [SF]	**637.2230** SIGNS TYPE II REFLC F [SF]	**638.2602** REMOVING SIGNS TYPE II [EA]	**638.3000** REMOVING SMALL SIGN SUPPORTS [EA]	**634.0618** POSTS WOOD 4"X6"X18' [EA]	**634.0808** POSTS TUBULAR STEEL 2"x2"x8' [EA]	**638.2102** MOVING SIGNS TYPE II [EA]	MOUNT ON SAME POST AS SIGN #	REMARKS / NEW SIGN LOCATION
214	R1-1F 2M	II	--	36 x 36	9.00	--	--	--	--	--	--	--	ON EXISTING POST
215	R1-1F 2M	II	--	36 x 36	9.00	--	--	--	--	--	--	--	ON EXISTING POST
216	R7-1D --	II	--	-- x --	--	--	--	--	1	--	1	--	--
217	S5-2 2M	II	--	24 x 30	5.00	--	--	--	--	--	--	--	ON EXISTING POST
218	S5-2 2M	II	--	24 x 30	5.00	--	--	--	--	--	--	--	ON EXISTING POST
219	R3-8LF 2M	II	--	30 x 36	7.50	--	--	--	1	--	--	--	--
220	R3-8LF 2M	II	--	30 x 36	7.50	--	--	--	1	--	--	--	--
221	R3-8ER 2M	II	--	30 x 36	7.50	--	1	1	1	--	--	--	--
	TOTALS				458	898	3	17	88	2	22		

BIOSWALE MISCELLANEOUS QUANTITIES

		QUANTITIES							
BID ITEM	DESCRIPTION	Bio 1	Bio 2	Bio 3	Bio 4	Bio 5	Bio 6	TOTALS	UNIT
205.0100	Excavation and Offsite Disposal	45	75	75	60	95	63	**413**	CY
612.0106	Pipe Underdrain (6-Inch)	32	41	34	30	55	38	**230**	LF
612.0208	Pipe Underdrain Unperforated (8-Inch)	13	0	0	8	0	0	**21**	LF
SPV.0035.620	Shredded Hardwood Bark Mulch	66	22	39		41	39	**207**	SY
645.0112	Geotextile Fabric Type DF Schedule B	7	10	9	11	16	14	**67**	SY
SPV.0035.600	Engineered Soil	15	25	25	20	32	24	**141**	CY
SPV.0035.617	Bedding Layer	3	4	3	3	5	4	**22**	CY
SPV.0035.619	Storage Layer	16	28	28	23	37	28	**160**	CY
SPV.0035.618	6" Granite Cobbles	2	2	2	2	2	2	**12**	CY
SPV.0060.603	6" Diameter Cleanout	1	2	2	1	2	1	**9**	EACH
SPV.0060.601	8" Diameter Overflow Standpipe w/Dome Grate	1	0	0	1	0	1	**3**	EACH
SPV.0060.610	Storm Curb Inlet with Grate Type "A"	1	1	1	1	1	1	**6**	EACH
SPV.0060.612	Storm Inlet Type 45A	0	0	0	1	0	0	**1**	EACH
SPV.0060.613	Inlet Repair	0	1	1	0	1	0	**3**	EACH
SPV.0060.602	Informational Sign Post	1	1	1	1	1	1	**6**	EACH
SPV.0060.640	Black Eyed Susan*	0	30	0	0	0	0	**30**	EACH
SPV.0060.641	Blue Wonder Catmint*	0	0	0	0	50	0	**50**	EACH
SPV.0060.642	Happy Return Daylilies*	20	30	0	0	0	20	**70**	EACH
SPV.0060.643	Rugosa Roses+	0	0	0	0	7	0	**7**	EACH
SPV.0060.644	Russian Sage*	0	0	15	0	0	0	**15**	EACH
SPV.0060.645	Panicum Grass*	20	0	0	6	0	0	**26**	EACH
SPV.0060.646	Blue False Indigo+	0	0	9	0	0	0	**9**	EACH
SPV.0060.647	Purple Coneflower*	20	0	0	40	0	0	**60**	EACH
SPV.0060.648	Diablo Ninebark+	0	5	0	6	0	0	**11**	EACH
SPV.0060.649	See Green Juniper*	0	0	30	0	0	0	**30**	EACH
SPV.0060.650	Joe Pye Weed*	0	0	0	0	0	40	**40**	EACH
SPV.0060.651	Red Twig Dogwood*	0	0	0	0	30	0	**30**	EACH
SPV.0060.652	Karl Forester Grass*	0	0	0	0	0	20	**20**	EACH

PLANTINGS	CONTAINER SIZE		BALL/CG DIA	DEPTH	ROOT SPREAD
*	1 Gallon		9" Dia.	6"	24"
+	3 Gallon		12" Dia.	9"	36"

ALL ITEMS CATEGORY 0020 | SHEET 6 OF 6

MISCELLANEOUS QUANTITIES | SHEET: 375 | E

FILE NAME : _____ PLOT DATE : _____ PLOT BY : _____ PLOT NAME : _____ PLOT SCALE : 1:1

3

REMOVING CONCRETE BASES

EXISTING BASE NO.	204.0195* REMOVING CONCRETE BASES EACH
SB1	1
SB9	1
SB18	1
TOTALS	3

*ADDITIONAL QUANTITIES SHOWN ELSEWHERE

TRAFFIC SIGNAL REMOVALS

LOCATION	204.9060.S.01 REMOVING TRAFFIC SIGNALS EACH
STH 241 & RAMSEY AVE	1
TOTALS	1

LOOP DETECTORS

LOOP NO.	HOME RUN PB	STATION	LOCATION	SIZE	NO. OF TURNS	SDD INSTALLATION REF	652.0800* CONDUIT LOOP DETECTOR LF	655.0700* LOOP DETECTOR LEAD IN CABLE LF	655.0800* LOOP DETECTOR WIRE LF
21	PB20	1130+21.2	49.5'LT	6'X6'	5	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	38	367	200
22	PB20	1130+20.2	38.5'LT	6'X6'	5	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	60	367	310
23	PB20	1130+19.2	27.5'LT	6'X6'	5	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	82	367	420
24	PB3	1128+89.5	49.5'LT	6'X6'	4	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	42	235	178
25	PB3	1128+88.6	38.5'LT	6'X6'	4	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	64	235	266
26	PB3	1128+87.6	27.5'LT	6'X6'	4	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	86	235	354
42	PB17	1126+26.5	105.3'LT	6'X20'	3	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	84	82	262
43	PB17	1126+26.6	77.4'LT	6'X20'	3	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	76	82	238
44	PB17	1126+39.4	105.3'LT	6'X20'	3	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	106	82	328
45	PB17	1126+39.6	77.4'LT	6'X20'	3	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	104	82	322
61	PB21	1122+59.1	49.5'RT	6'X12'	5	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	52	574	270
62	PB21	1122+60.0	38.5'RT	6'X12'	5	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	72	574	370
63	PB21	1122+61.4	27.5'RT	6'X12'	5	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	94	574	480
64	PB13	1123+87.9	49.5'RT	6'X8'	5	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	50	446	260
65	PB13	1123+88.8	38.5'RT	6'X8'	5	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	72	446	370
66	PB13	1123+90.1	27.5'RT	6'X8'	5	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	94	446	480
						TOTALS	1,176	5,194	5,108

* ADDITIONAL QUANTITIES SHOWN ELSEWHERE
** STATION AND LOCATION IS TO FRONT CENTER OF DETECTION LOOP
*** FINAL LOCATION TO BE DETERMINED BY THE ENGINEER IN THE FIELD

CONDUIT

FROM	TO	652.0225* CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH LF	652.0605* CONDUIT SPECIAL 2-INCH LF
PB1	SB1	9	-
PB7	SB9	18	-
PB11	SB11	15	-
PB17	SB19	19	
EXT-1	EXT-2	70	-
EXT-3	PB21	-	54
EXT-4	PB20	37	-
	TOTALS	168	54

*ADDITIONAL QUANTITIES SHOWN ELSEWHERE

PULL BOXES

PULL BOX NO.	STATION	LOCATION	653.0135* PULL BOXES STEEL 24X36-INCH EACH
PB3	1128+87.2	61.1'LT	1
PB13	1123+89.0	63.2'RT	1
PB20	1130+19.6	59.1'LT	1
PB21	1122+61.3	59.7'RT	1
		TOTALS	4

*ADDITIONAL QUANTITIES SHOWN ELSEWHERE

ADJUSTING PULL BOXES

PULL BOX NO.	653.0900* ADJUSTING PULL BOXES EACH
PB2	1
PB12	1
ICPB17	1
ICPB20	1
TOTALS	4

*ADDITIONAL QUANTITIES SHOWN ELSEWHERE

REMOVING PULL BOXES

PULL BOX NO.	653.0905* REMOVING PULL BOXES EACH
PB3	1
PB13	1
TOTALS	2

*ADDITIONAL QUANTITIES SHOWN ELSEWHERE

SHEET 1 OF 2

INTERSECTION OF
STH 241 & W RAMSEY AVENUE
ALL ITEMS CATEGORY 0010

3

3

CONCRETE BASES

BASE NO.	STATION	LOCATION	654.0101* CONCRETE BASES TYPE 1 EACH
SB1	1126+77.3	75.8' LT	1
SB9	1126+80.4	76.1' RT	1
SB11	1126+03.4	76.1' RT	1
SB19	1126+08.8	75.8' LT	1
		TOTALS	4

*ADDITIONAL QUANTITIES SHOWN ELSEWHERE

SIGNAL MOUNTING HARDWARE

LOCATION	658.5070.01 SIGNAL MOUNTING HARDWARE EACH
STH 241 & RAMSEY AVE	1
TOTALS	1

POLES AND ARMS

SIGNAL BASE NO.	657.0100* PEDESTAL BASES EACH	657.0405* TRAFFIC SIGNAL STANDARDS ALUMINUM 3.5-FOOT EACH
SB11	1	1
TOTALS	1	1

*ADDITIONAL QUANTITIES SHOWN ELSEWHERE

ELECTRICAL WIRE TRAFFIC SIGNALS

FROM	TO	655.0515* ELECTRICAL WIRE TRAFFIC SIGNALS 10 AWG LF
SB10	SB11	48
SB11	SB12	154
	TOTALS	202

*ADDITIONAL QUANTITIES SHOWN ELSEWHERE

TRAFFIC SIGNAL CABLE

FROM	TO	655.0240* CABLE TRAFFIC SIGNAL 7-14 AWG LF	655.0260* CABLE TRAFFIC SIGNAL 12-14 AWG LF
CB1	SB1	-	-
CB1	SB9	-	356
SB9	HEAD 14	-	-
SB9	HEAD 16	-	-
SB9	HEAD 25	-	-
CB1	SB11	429	-
CB1	SB19	-	130
SB19	HEAD 13	-	-
SB19	HEAD 17	-	-
	TOTALS	429	486

*ADDITIONAL QUANTITIES SHOWN ELSEWHERE
CABLE WITHIN EXISTING SIGNAL POLE ASSEMBLY TO BE RESUED.
RELOCATED SIGNAL ASSEMBLIES MOVED CLOSER TO CB1 TO REUSE EXISTING SIGNAL CABLE.

REMOVING, SALVAGING, & INSTALLING TRAFFIC SIGNAL EQUIPMENT

LOCATION	SPV.0060.15 REMOVING, SALVAGING, & INSTALLING TRAFFIC SIGNAL EQUIPMENT EACH
STH 241 & RAMSEY AVE	1
TOTALS	1

MODIFY EXISTING TRAFFIC SIGNAL DURING CONSTRUCTION

LOCATION	SPV.0060.10 MODIFY EXISTING TRAFFIC SIGNAL DURING CONSTRUCTION EACH
STH 241 & RAMSEY AVE	1
TOTALS	1

SHEET 2 OF 2

PROJECT NO: 2265-18-70	HWY: STH 100	COUNTY: MILWAUKEE	MISCELLANEOUS QUANTITIES	SHEET: 377	E

FILE NAME : _____ PLOT DATE : _____ PLOT BY : _____ PLOT NAME : _____ PLOT SCALE : 1:1

3

REMOVING CONCRETE BASES

EXISTING BASE NO.	204.0195* REMOVING CONCRETE BASES EACH
SB2	1
SB6	1
SB7	1
SB9	1
SB16	1
TOTALS	5

*ADDITIONAL QUANTITIES SHOWN ELSEWHERE

TRAFFIC SIGNAL REMOVALS

LOCATION	204.9060.S.02 REMOVING TRAFFIC SIGNALS EACH
STH 241 & PARNELL AVE	1
TOTALS	1

LOOP DETECTORS

LOOP NO.	HOME RUN PB	STATION	LOCATION	SIZE	NO. OF TURNS	SDD INSTALLATION REF	652.0800* CONDUIT LOOP DETECTOR LF	655.0700* LOOP DETECTOR LEAD IN CABLE LF	655.0800* LOOP DETECTOR WIRE LF
21	PB21	1143+38.6	49.5' LT	6'X8'	5	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	50	445	260
22	PB21	1143+37.6	38.5' LT	6'X8'	5	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	70	445	360
23	PB21	1143+36.6	27.5' LT	6'X8'	5	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	92	445	470
24	PB6	1142+05.1	49.5' LT	6'X6'	5	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	46	312	240
25	PB6	1142+04.1	38.5' LT	6'X6'	5	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	66	312	340
26	PB6	1142+03.1	27.5' LT	6'X6'	5	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	88	312	450
61	PB22	1135+85.7	49.5' RT	6'X10'	5	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	50	496	260
62	PB22	1135+86.7	38.5' RT	6'X10'	5	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	70	496	360
63	PB22	1135+87.7	27.5' RT	6'X10'	5	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	92	496	470
64	PB16	1137+07.7	49.5' RT	6'X6'	5	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	38	385	200
65	PB16	1137+06.7	38.5' RT	6'X6'	5	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	60	385	310
66	PB16	1137+05.7	27.5' RT	6'X6'	5	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	82	385	420
						TOTALS	804	4,914	4,140

* ADDITIONAL QUANTITIES SHOWN ELSEWHERE
** STATION AND LOCATION IS TO FRONT CENTER OF DETECTION LOOP
*** FINAL LOCATION TO BE DETERMINED BY THE ENGINEER IN THE FIELD

CONDUIT

FROM	TO	652.0225* CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH LF
PB3	SB2	29
EXT-1	SB3	8
EXT-2	SB7	8
EXT-3	SB8	6
EXT-4	SB10	9
PB20	SB17	6
EXT-5	PB22	40
EXT-6	PB21	36
	TOTALS	142

*ADDITIONAL QUANTITIES SHOWN ELSEWHERE

ADJUSTING PULL BOXES

PULL BOX NO.	653.0900* ADJUSTING PULL BOXES EACH
PB5	1
PB14	1
TOTALS	2

*ADDITIONAL QUANTITIES SHOWN ELSEWHERE

REMOVING PULL BOXES

PULL BOX NO.	653.0905* REMOVING PULL BOXES EACH
PB6	1
PB16	1
TOTALS	2

*ADDITIONAL QUANTITIES SHOWN ELSEWHERE

PULL BOXES

PULL BOX NO.	STATION	LOCATION	653.0135* PULL BOXES STEEL 24X36-INCH EACH
PB6	1142+01.9	62.5' LT	1
PB16	1137+00.3	59.4' RT	1
PB21	1143+34.5	62.2' LT	1
PB22	1135+89.4	60.4' RT	1
		TOTALS	4

*ADDITIONAL QUANTITIES SHOWN ELSEWHERE

SHEET 1 OF 2

3

INTERSECTION OF
STH 241 & W PARNELL AVENUE
ALL ITEMS CATEGORY 0010

3

CONCRETE BASES

BASE NO.	STATION	LOCATION	654.0101* CONCRETE BASES TYPE 1 EACH
SB2	1139+91.8	75.5' LT	1
SB3	1139+98.6	68.8' LT	1
SB7	1140+00.5	69.1' RT	1
SB8	1139+85.2	75.8' RT	1
SB10	1139+32.1	75.9' RT	1
SB17	1139+26.9	75.5' LT	1
		TOTALS	6

*ADDITIONAL QUANTITIES SHOWN ELSEWHERE

POLES AND ARMS

SIGNAL BASE NO.	657.0100* PEDESTAL BASES EACH	657.0405* TRAFFIC SIGNAL STANDARDS ALUMINUM 3.5-FOOT EACH
SB2	1	1
TOTALS	1	1

*ADDITIONAL QUANTITIES SHOWN ELSEWHERE

SIGNAL MOUNTING HARDWARE

LOCATION	658.5070.02 SIGNAL MOUNTING HARDWARE EACH
STH 241 & PARNELL AVE	1
TOTALS	1

TRAFFIC SIGNAL CABLE

FROM	TO	655.0240* CABLE TRAFFIC SIGNAL 7-14 AWG LF	655.0260* CABLE TRAFFIC SIGNAL 12-14 AWG LF
CB1	SB2	-	133
CB1	SB3	188	-
CB1	SB7	449	-
CB1	SB8	-	468
SB8	HEAD 13	-	-
SB8	HEAD 15	-	-
SB8	HEAD 24	-	-
CB1	SB10	415	-
SB10	HEAD 18	-	-
CB1	SB17	-	48
SB17	HEAD 12	-	-
SB17	HEAD 16	-	-
	TOTALS	1,052	649

*ADDITIONAL QUANTITIES SHOWN ELSEWHERE
CABLE WITHIN EXISTING SIGNAL POLE ASSEMBLY TO BE RESUED.
RELOCATED SIGNAL ASSEMBLIES MOVED CLOSER TO CB1 TO REUSE EXISTING SIGNAL CABLE.

ELECTRICAL WIRE TRAFFIC SIGNALS

FROM	TO	655.0515* ELECTRICAL WIRE TRAFFIC SIGNALS 10 AWG LF
SB1	SB2	78
SB2	SB3	137
SB3	SB4	52
SB6	SB7	48
SB7	SB8	138
SB8	SB9	118
SB9	SB10	65
SB10	SB11	125
	TOTALS	761

*ADDITIONAL QUANTITIES SHOWN ELSEWHERE

MODIFY EXISTING TRAFFIC SIGNAL DURING CONSTRUCTION

LOCATION	SPV.0060.11 MODIFY EXISTING TRAFFIC SIGNAL DURING CONSTRUCTION EACH
STH 241 & PARNELL AVE	1
TOTALS	1

REMOVING, SALVAGING, & INSTALLING TRAFFIC SIGNAL EQUIPMENT

LOCATION	SPV.0060.16 REMOVING, SALVAGING, & INSTALLING TRAFFIC SIGNAL EQUIPMENT EACH
STH 241 & PARNELL AVE	1
TOTALS	1

SHEET 2 OF 2

INTERSECTION OF
STH 241 & W GRANGE AVENUE
ALL ITEMS CATEGORY 0010

3

REMOVING CONCRETE BASES

EXISTING BASE NO.	204.0195* REMOVING CONCRETE BASES EACH
SB2	1
SB10	1
SB13	1
SB21	1
SB22	1
TOTALS	5

*ADDITIONAL QUANTITIES SHOWN ELSEWHERE

TRAFFIC SIGNAL REMOVALS

LOCATION	204.9060.S.03 REMOVING TRAFFIC SIGNALS EACH
STH 241 & GRANGE AVE	1
TOTALS	1

LOOP DETECTORS

LOOP NO.	HOME RUN PB	STATION	LOCATION	SIZE	NO. OF TURNS	SDD INSTALLATION REF	652.0800* CONDUIT LOOP DETECTOR LF	655.0700* LOOP DETECTOR LEAD IN CABLE LF	655.0800* LOOP DETECTOR WIRE LF
21	PB23	1156+75.1	49.0' LT	6'X6'	5	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	42	374	220
22	PB23	1156+74.1	38.5' LT	6'X6'	5	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	62	374	320
23	PB23	1156+73.1	27.5' LT	6'X6'	5	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	84	374	430
24	PB3	1155+44.7	49.0' LT	6'X6'	4	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	40	244	170
25	PB3	1155+43.7	38.5' LT	6'X6'	4	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	60	244	250
26	PB3	1155+42.7	27.5' LT	6'X6'	4	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	82	244	338
41	PB21	1152+44.9	249.5' LT	6'X6'	4	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	96	209	394
42	PB21	1152+57.0	249.7' LT	6'X6'	4	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	70	209	290
61	PB24	1148+80.1	49.5' RT	6'X12'	5	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	50	603	260
62	PB24	1148+81.1	38.5' RT	6'X12'	5	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	72	603	370
63	PB24	1148+82.1	27.5' RT	6'X12'	5	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	94	603	480
64	PB14	1150+09.6	49.5' RT	6'X8'	5	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	46	469	240
65	PB14	1150+10.6	38.5' RT	6'X8'	5	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	66	469	340
66	PB14	1150+11.6	27.5' RT	6'X8'	5	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	88	469	450
81	PB10	1153+14.3	302.4' RT	6'X10'	5	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	74	510	380
82	PB10	1153+02.2	302.7' RT	6'X10'	5	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	50	510	260
						TOTALS	1,076	6,508	5,192

* ADDITIONAL QUANTITIES SHOWN ELSEWHERE
** STATION AND LOCATION IS TO FRONT CENTER OF DETECTION LOOP
*** FINAL LOCATION TO BE DETERMINED BY THE ENGINEER IN THE FIELD

3

CONDUIT

FROM	TO	652.0225* CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH LF
PB1	SB2	7
PB1	SB3	14
PB4	SB5	31
PB7	SB12	11
PB12	SB15	11
EXT-1	SB23	7
PB18	SB24	14
EXT-2	PB24	58
EXT-3	PB23	53
	TOTALS	206

*ADDITIONAL QUANTITIES SHOWN ELSEWHERE

PULL BOXES

PULL BOX NO.	STATION	LOCATION	653.0135* PULL BOXES STEEL 24X36-INCH EACH
PB3	1155+43.0	59.8' LT	1
PB14	1150+14.6	60.0' RT	1
PB23	1156+73.4	60.6' LT	1
PB24	1148+81.0	59.5' RT	1
		TOTALS	4

*ADDITIONAL QUANTITIES SHOWN ELSEWHERE

ADJUSTING PULL BOXES

PULL BOX NO.	653.0900* ADJUSTING PULL BOXES EACH
PB2	1
PB14	1
ICPB34	1
TOTALS	3

*ADDITIONAL QUANTITIES SHOWN ELSEWHERE

REMOVING PULL BOXES

PULL BOX NO.	653.0905* REMOVING PULL BOXES EACH
PB3	1
PB14	1
TOTALS	2

*ADDITIONAL QUANTITIES SHOWN ELSEWHERE

CONCRETE BASES

BASE NO.	STATION	LOCATION	654.0101* CONCRETE BASES TYPE 1 EACH
SB2	1153+27.3	75.8' LT	1
SB3	1153+39.1	69.1' LT	1
SB5	1153+39.0	12.5' LT	1
SB12	1153+30.4	76.0' RT	1
SB15	1152+31.1	76.1' RT	1
SB23	1152+19.3	69.1' LT	1
SB24	1152+32.4	76.0' LT	1
		TOTALS	7

*ADDITIONAL QUANTITIES SHOWN ELSEWHERE

SHEET 1 OF 2

3

3

ELECTRICAL WIRE TRAFFIC SIGNALS

FROM	TO	655.0515* ELECTRICAL WIRE TRAFFIC SIGNALS 10 AWG LF
SB2	SB3	45
SB3	SB4	62
SB4	SB5	203
SB5	SB6	60
SB22	SB23	56
SB23	SB24	168
SB24	SB25	149
	TOTALS	743

*ADDITIONAL QUANTITIES SHOWN ELSEWHERE

TRAFFIC SIGNAL CABLE

FROM	TO	655.0240* CABLE TRAFFIC SIGNAL 7-14 AWG LF	655.0260* CABLE TRAFFIC SIGNAL 12-14 AWG LF
CB1	SB2	-	-
CB1	SB3	55	-
CB1	SB5	196	-
CB1	SB12	-	348
SB11	HEAD 16	-	-
SB11	HEAD 25	-	-
SB11	HEAD 27	-	-
CB1	SB15	-	-
CB1	SB23	254	-
SB23	HEAD 23	-	-
CB1	SB24	-	198
SB24	HEAD 13	-	-
SB24	HEAD 22	-	-
SB24	HEAD 29	-	-
	TOTALS	505	546

*ADDITIONAL QUANTITIES SHOWN ELSEWHERE
CABLE WITHIN EXISTING SIGNAL POLE ASSEMBLY TO BE RESUED.
RELOCATED SIGNAL ASSEMBLIES MOVED CLOSER TO CB1 TO REUSE EXISTING SIGNAL CABLE.

POLES AND ARMS

SIGNAL BASE NO.	657.0100* PEDESTAL BASES EACH	657.0405* TRAFFIC SIGNAL STANDARDS ALUMINUM 3.5-FOOT EACH	658.0500* PEDESTRIAN PUSH BUTTONS EACH
SB3	1	1	-
SB5	1	1	1
TOTALS	2	2	1

*ADDITIONAL QUANTITIES SHOWN ELSEWHERE

SIGNAL MOUNTING HARDWARE

LOCATION	658.5070.03 SIGNAL MOUNTING HARDWARE EACH
STH 241 & GRANGE AVE	1
TOTALS	1

MODIFY EXISTING TRAFFIC SIGNAL DURING CONSTRUCTION

LOCATION	SPV.0060.12 MODIFY EXISTING TRAFFIC SIGNAL DURING CONSTRUCTION EACH
STH 241 & GRANGE AVE	1
TOTALS	1

REMOVING, SALVAGING, & INSTALLING TRAFFIC SIGNAL EQUIPMENT

LOCATION	SPV.0060.17 REMOVING, SALVAGING, & INSTALLING TRAFFIC SIGNAL EQUIPMENT EACH
STH 241 & GRANGE AVE	1
TOTALS	1

SHEET 2 OF 2

INTERSECTION OF
STH 241 & W EDGERTON AVENUE
ALL ITEMS CATEGORY 0010

3

REMOVING CONCRETE BASES

EXISTING BASE NO.	204.0195* REMOVING CONCRETE BASES EACH
SB3	1
TOTALS	1

*ADDITIONAL QUANTITIES SHOWN ELSEWHERE

TRAFFIC SIGNAL REMOVALS

LOCATION	204.9060.S.04 REMOVING TRAFFIC SIGNALS EACH
STH 241 & EDGERTON AVE	1
TOTALS	1

LOOP DETECTORS

LOOP NO.	HOME RUN PB	STATION	LOCATION	SIZE	NO. OF TURNS	SDD INSTALLATION REF	652.0800* CONDUIT LOOP DETECTOR LF	655.0700* LOOP DETECTOR LEAD IN CABLE LF	655.0800* LOOP DETECTOR WIRE LF
21	PB21	1183+20.0	49.5' LT	6'X8'	5	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	42	440	220
22	PB21	1183+19.0	38.5' LT	6'X8'	5	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	62	440	320
23	PB21	1183+18.0	27.5' LT	6'X8'	5	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	84	440	430
24	PB6	1182+16.8	49.5' LT	6'X6'	5	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	36	347	190
25	PB6	1182+17.8	38.5' LT	6'X6'	5	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	58	347	300
26	PB6	1182+18.8	27.5' LT	6'X6'	5	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	80	347	410
61	PB22	1175+49.5	49.5' RT	6'X8'	5	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	44	479	230
62	PB22	1175+50.5	38.5' RT	6'X8'	5	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	66	479	340
63	PB22	1175+51.5	27.5' RT	6'X8'	5	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	88	479	450
64	PB16	1176+79.4	49.5' RT	6'X6'	5	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	44	346	230
65	PB16	1176+80.4	38.5' RT	6'X6'	5	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	64	346	330
66	PB16	1176.81.4	27.5' RT	6'X6'	5	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	84	346	430
						TOTALS	752	4,836	3,880

* ADDITIONAL QUANTITIES SHOWN ELSEWHERE
** STATION AND LOCATION IS TO FRONT CENTER OF DETECTION LOOP
*** FINAL LOCATION TO BE DETERMINED BY THE ENGINEER IN THE FIELD

3

CONDUIT

FROM	TO	652.0225* CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH LF
PB1	SB2	15
EXT-1	SB4	5
PB11	SB12	9
PB14	SB14	9
EXT-2	PB22	40
EXT-3	PB21	25
	TOTALS	103

*ADDITIONAL QUANTITIES SHOWN ELSEWHERE

PULL BOXES

PULL BOX NO.	STATION	LOCATION	653.0135* PULL BOXES STEEL 24X36-INCH EACH
PB6	1182+25.1	58.0' LT	1
PB16	1176+85.9	60.4' RT	1
PB21	1183+17.7	58.8' LT	1
PB22	1175+52.1	60.2' RT	1
		TOTALS	4

*ADDITIONAL QUANTITIES SHOWN ELSEWHERE

ADJUSTING PULL BOXES

PULL BOX NO.	653.0900* ADJUSTING PULL BOXES EACH
PB15	1
PB20	1
TOTALS	2

*ADDITIONAL QUANTITIES SHOWN ELSEWHERE

CONCRETE BASES

BASE NO.	STATION	LOCATION	654.0101* CONCRETE BASES TYPE 1 EACH
SB2	1178+93.6	75.3' LT	1
SB4	1179+79.1	69.2' LT	1
SB12	1179+73.0	76.2' RT	1
SB14	1178+96.0	75.9' RT	1
		TOTALS	4

*ADDITIONAL QUANTITIES SHOWN ELSEWHERE

REMOVING PULL BOXES

PULL BOX NO.	653.0905* REMOVING PULL BOXES EACH
PB6	1
PB16	1
TOTALS	2

*ADDITIONAL QUANTITIES SHOWN ELSEWHERE

ELECTRICAL WIRE TRAFFIC SIGNALS

FROM	TO	655.0515* ELECTRICAL WIRE TRAFFIC SIGNALS 10 AWG LF
SB1	SB2	44
SB2	SB3	126
SB11	SB12	155
SB12	SB13	37
SB13	SB14	38
SB14	SB15	141
	TOTALS	541

*ADDITIONAL QUANTITIES SHOWN ELSEWHERE

SHEET 1 OF 2

INTERSECTION OF
STH 241 & W EDGERTON AVENUE
ALL ITEMS CATEGORY 0010

3

3

TRAFFIC SIGNAL CABLE

FROM	TO	655.0240* CABLE TRAFFIC SIGNAL 7-14 AWG LF
CB1	SB2	50
CB1	SB4	245
SB4	HEAD 26	-
CB1	SB12	448
CB1	SB14	341
	TOTALS	1,084

*ADDITIONAL QUANTITIES SHOWN ELSEWHERE
CABLE WITHIN EXISTING SIGNAL POLE ASSEMBLY TO BE RESUED.
RELOCATED SIGNAL ASSEMBLIES MOVED CLOSER TO CB1 TO REUSE EXISTING SIGNAL CABLE.

POLES AND ARMS

SIGNAL BASE NO.	657.0100* PEDESTAL BASES EACH	657.0405* TRAFFIC SIGNAL STANDARDS ALUMINUM 3.5-FOOT EACH
SB2	1	1
SB12	1	1
SB14	1	1
TOTALS	3	3

*ADDITIONAL QUANTITIES SHOWN ELSEWHERE

SIGNAL MOUNTING HARDWARE

LOCATION	658.5070.04 SIGNAL MOUNTING HARDWARE EACH
STH 241 & EDGERTON AVE	1
TOTALS	1

MODIFY EXISTING TRAFFIC SIGNAL DURING CONSTRUCTION

LOCATION	SPV.0060.13 MODIFY EXISTING TRAFFIC SIGNAL DURING CONSTRUCTION EACH
STH 241 & EDGERTON AVE	1
TOTALS	1

REMOVING, SALVAGING, & INSTALLING TRAFFIC SIGNAL EQUIPMENT

LOCATION	SPV.0060.18 REMOVING, SALVAGING, & INSTALLING TRAFFIC SIGNAL EQUIPMENT EACH
STH 241 & EDGERTON AVE	1
TOTALS	1

SHEET 2 OF 2

PROJECT NO: 2265-18-70	HWY: STH 100	COUNTY: MILWAUKEE	MISCELLANEOUS QUANTITIES	SHEET: 383	E

FILE NAME : _____ PLOT DATE : _____ PLOT BY : _____ PLOT NAME : _____ PLOT SCALE : 1:1

3

REMOVING CONCRETE BASES

EXISTING BASE NO.	204.0195* REMOVING CONCRETE BASES EACH
SB6	1
SB7	1
SB11	1
SB17	1
SB22	1
SB23	1
SB24	1
TOTALS	7

*ADDITIONAL QUANTITIES SHOWN ELSEWHERE

TRAFFIC SIGNAL REMOVALS

LOCATION	204.9060.S.05 REMOVING TRAFFIC SIGNALS EACH
STH 241 & LAYTON AVE	1
TOTALS	1

CONDUIT

FROM	TO	652.0225* CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH LF	652.0605* CONDUIT SPECIAL 2-INCH LF
PB3	SB3	14	-
PB6	SB6	7	-
EXT-1	SB7	5	-
PB12	SB11	8	
PB13	SB12	8	-
PB16	SB14	34	-
PB19	SB16	10	-
EXT-2	PB25	14	-
PB25	SB19	19	-
PB25	SB20	12	-
PB25	SB21	21	-
PB25	SB29	31	-
EXT-3	PB32	-	49
	TOTALS	183	49

*ADDITIONAL QUANTITIES SHOWN ELSEWHERE

3

LOOP DETECTORS

LOOP NO.	HOME RUN PB	STATION	LOCATION	SIZE	NO. OF TURNS	SDD INSTALLATION REF	652.0800* CONDUIT LOOP DETECTOR LF	655.0700* LOOP DETECTOR LEAD IN CABLE LF	655.0800* LOOP DETECTOR WIRE LF
21	PB2	1209+53.9	49.5'LT	6'X6'	5	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	38	311	200
22	PB2	1209+51.9	38.5'LT	6'X6'	5	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	58	311	300
23	PB2	1209+49.9	27.5'LT	6'X6'	5	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	80	311	410
24	PB31	1208+24.5	49.5'LT	6'X6'	4	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	84	189	346
25	PB31	1208+26.5	38.5'LT	6'X6'	4	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	88	189	362
26	PB31	1208+28.5	27.5'LT	6'X6'	4	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	102	189	418
61	PB32	1201+78.7	49.5'RT	6'X16'	5	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	60	746	310
62	PB32	1201+79.7	38.5'RT	6'X16'	5	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	82	746	420
63	PB32	1201+80.7	27.5'RT	6'X16'	5	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	104	746	530
64	PB15	1203+10.5	49.5'RT	6'X12'	5	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	56	614	290
65	PB15	1203+11.5	38.5'RT	6'X12'	5	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	76	614	390
66	PB15	1203+12.5	27.5'RT	6'X12'	5	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	96	614	490
						TOTALS	924	5,580	4,466

* ADDITIONAL QUANTITIES SHOWN ELSEWHERE
** STATION AND LOCATION IS TO FRONT CENTER OF DETECTION LOOP
*** FINAL LOCATION TO BE DETERMINED BY THE ENGINEER IN THE FIELD

INTERSECTION OF
STH 241 & W LAYTON AVENUE (CTH Y)
ALL ITEMS CATEGORY 0010

3

PULL BOXES

PULL BOX NO.	STATION	LOCATION	653.0135* PULL BOXES STEEL 24X36-INCH EACH
PB15	1203+12.5	60.6' RT	1
PB25	1206+36.1	83.2' LT	1
PB31	1208+28.9	58.6' LT	1
PB32	1201+80.7	60.4' RT	1
		TOTALS	4

*ADDITIONAL QUANTITIES SHOWN ELSEWHERE

ADJUSTING PULL BOXES

PULL BOX NO.	653.0900* ADJUSTING PULL BOXES EACH
PB2	1
PB6	1
PB7	1
PB13	1
PB14	1
TOTALS	5

*ADDITIONAL QUANTITIES SHOWN ELSEWHERE

REMOVING PULL BOXES

PULL BOX NO.	653.0905* REMOVING PULL BOXES EACH
PB15	1
PB25	1
TOTALS	2

*ADDITIONAL QUANTITIES SHOWN ELSEWHERE

3

CONCRETE BASES

BASE NO.	STATION	LOCATION	654.0101* CONCRETE BASES TYPE 1 EACH	654.0102 CONCRETE BASES TYPE 2 EACH
SB3	1206+55.7	15.2' LT	1	-
SB6	1206+56.7	68.9' RT	1	-
SB7	1206+36.7	75.7' RT	1	-
SB11	1205+30.4	77.2' RT	1	-
SB12	1205+11.2	68.5' RT	-	1
SB14	1205+10.1	15.1' RT	1	-
SB16	1205+09.0	72.1' LT	1	-
SB20	1206+47.7	81.1' LT	1	-
SB21	1206+54.5	72.9' LT	1	-
		TOTALS	8	1

*ADDITIONAL QUANTITIES SHOWN ELSEWHERE

ELECTRICAL WIRE TRAFFIC SIGNALS

FROM	TO	655.0515* ELECTRICAL WIRE TRAFFIC SIGNALS 10 AWG LF
SB2	SB3	46
SB3	SB4	165
SB10	SB11	88
SB11	SB12	85
SB12	SB13	180
SB13	SB14	87
SB14	SB15	222
SB19	SB20	55
SB20	SB21	57
SB21	CB1	100
PB25	SB20	32
	TOTALS	1,117

*ADDITIONAL QUANTITIES SHOWN ELSEWHERE

ELECTRICAL WIRE LIGHTING

FROM	TO	655.0320 CABLE TYPE UF 2-10 AWG GROUNDED LF	655.0610 ELECTRICAL WIRE LIGHTING 12 AWG LF
SB10	SB12	88	-
SB12	LUMIN	-	144
	TOTALS	88	144

TRAFFIC SIGNAL CABLE

FROM	TO	655.0260* CABLE TRAFFIC SIGNAL 12-14 AWG LF	655.0270 CABLE TRAFFIC SIGNAL 15-14 AWG LF
CB1	SB3	228	-
CB1	SB6	344	-
SB6	HEAD 35	-	-
CB1	SB7	-	428
SB7	HEAD 15	-	-
SB7	HEAD 34	-	-
CB1	SB11	590	-
SB11	HEAD 25	-	-
SB11	HEAD 29	-	-
CB1	SB12	-	635
SB12	HEAD 1	-	-
SB12	HEAD 12	-	-
SB12	HEAD 36	-	-
CB1	SB14	600	-
CB1	SB16	-	-
SB16	HEAD 31	-	-
CB1	SB20	91	-
SB20	HEAD 32	-	-
CB1	SB21	100	-
SB21	HEAD 33	-	-
	TOTALS	1,953	1,063

*ADDITIONAL QUANTITIES SHOWN ELSEWHERE
CABLE WITHIN EXISTING SIGNAL POLE ASSEMBLY TO BE RESUED.
RELOCATED SIGNAL ASSEMBLIES MOVED CLOSER TO CB1 TO REUSE EXISTING SIGNAL CABLE.

INTERSECTION OF
STH 241 & W LAYTON AVENUE (CTH Y)
ALL ITEMS CATEGORY 0010

3

3

POLES AND ARMS

SIGNAL BASE NO.	657.0100* PEDESTAL BASES EACH	657.0405* TRAFFIC SIGNAL STANDARDS ALUMINUM 3.5-FOOT EACH	658.0500* PEDESTRIAN PUSH BUTTONS EACH
SB3	1	1	1
SB14	1	1	1
TOTALS	2	2	2

*ADDITIONAL QUANTITIES SHOWN ELSEWHERE

SIGNAL MOUNTING HARDWARE

LOCATION	658.5070.05 SIGNAL MOUNTING HARDWARE EACH
STH 241 & LAYTON AVE	1
TOTALS	1

MODIFY EXISTING TRAFFIC SIGNAL DURING CONSTRUCTION

LOCATION	SPV.0060.14 MODIFY EXISTING TRAFFIC SIGNAL DURING CONSTRUCTION EACH
STH 241 & LAYTON AVE	1
TOTALS	1

REMOVE & SALVAGE VIDEO DETECTION EQUIPMENT

LOCATION	SPV.0060.20 REMOVE & SALVAGE VIDEO DETECTION EQUIPMENT EACH
STH 241 & LAYTON AVE	1
TOTALS	1

REMOVING, SALVAGING, & INSTALLING TRAFFIC SIGNAL EQUIPMENT

LOCATION	SPV.0060.19 REMOVING, SALVAGING, & INSTALLING TRAFFIC SIGNAL EQUIPMENT EACH
STH 241 & LAYTON AVE	1
TOTALS	1

SHEET 3 OF 3

PROJECT NO: 2265-18-70	HWY: STH 100	COUNTY: MILWAUKEE	MISCELLANEOUS QUANTITIES	SHEET: 386	E

FILE NAME : _____ PLOT DATE : _____ PLOT BY : _____ PLOT NAME : _____ PLOT SCALE : 1:1

NOTES:
THIS EXHIBIT IS A GRAPHIC REPRESENTATION AND IS FOR REFERENCE PURPOSES ONLY. REFER TO THE CONVEYANCE DOCUMENT FOR PARCEL RELATED DETAILS.
PURPOSE OF ALL TEMPORARY LIMITED EASEMENTS IS FOR CURB RAMP REPLACEMENT, UNLESS OTHERWISE NOTED.

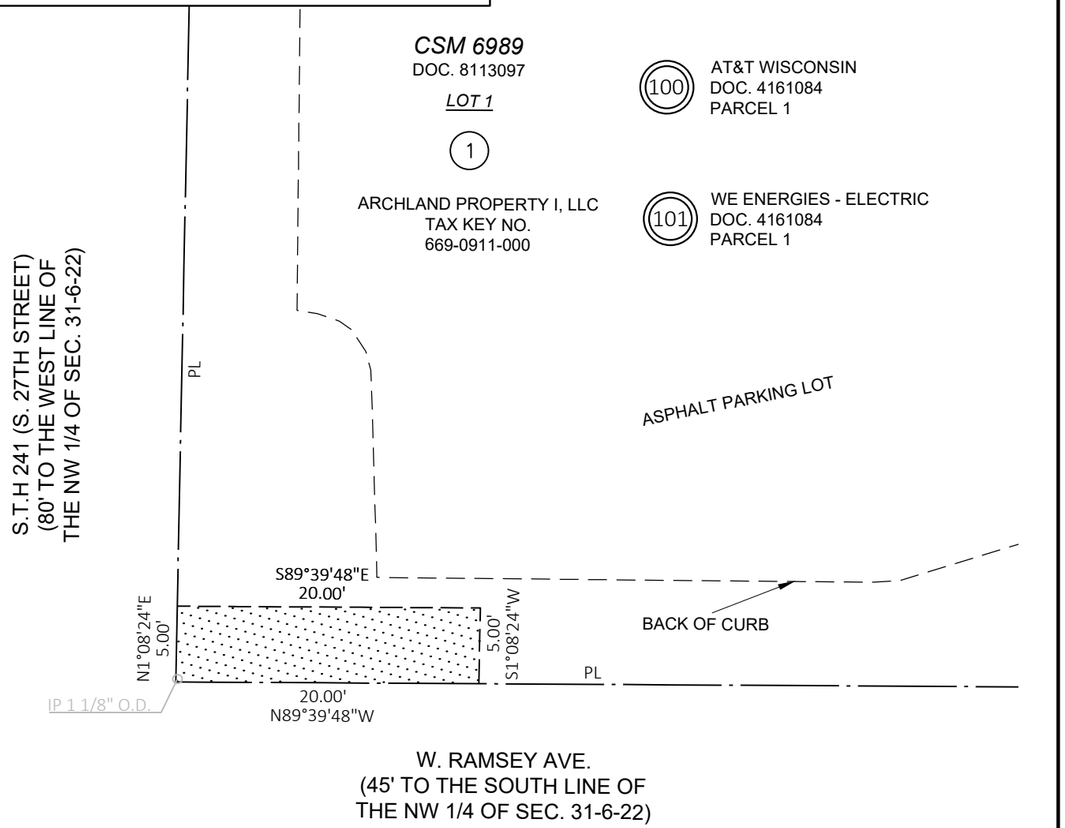
R/W PROJECT NUMBER: 2265-18-20 | EXHIBIT NUMBER: 4.01

RIGHT-OF-WAY ACQUISITION EXHIBIT
CITY OF MILWAUKEE, STH 241
RAMSEY AVE. TO LAYTON AVE.
STH 241 — MILWAUKEE COUNTY

PART OF THE SW 1/4 OF THE NW 1/4 OF SECTION 31, T6N, R22E,
CITY OF MILWAUKEE, MILWAUKEE COUNTY, WISCONSIN

BASIS OF EXISTING RIGHT-OF-WAY

HIGHWAY	WIDTH	BASIS	YEAR
S.T.H 241	80' TO CL	ROW PLAT DJ 2768 (FEDERAL AID PROJECT 378B)	1930
W. RAMSEY AVE.	45' TO CL	WEST RAMSEY HIGHLANDS	1936



10/27/2023 NO CHANGE

SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNERS NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT

PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	TLE S.F.
1	ARCHLAND PROPERTY I, LLC	TLE	100

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	UTILITY OWNER(S)	INTEREST REQUIRED
100	AT&T WISCONSIN	ROR
101	WE ENERGIES - ELECTRIC	ROR

GN

SCALE, FEET
0 5 10
1 INCH = 10 FEET

THIS MAP IS APPROVED FOR THE DEPARTMENT OF TRANSPORTATION
SOUTHEAST REGION - WAUKESHA

SIGNATURE: _____ DATE: _____

PRINT NAME: ROBERT DUFFECK

FILE NAME : STH 241_2265-18-00_RW_EXHIBIT.DWG PLOT DATE : 10/30/2023 11:00 AM R/W PROJECT: 2265-18-00

NOTES:
THIS EXHIBIT IS A GRAPHIC REPRESENTATION AND IS FOR REFERENCE PURPOSES ONLY. REFER TO THE CONVEYANCE DOCUMENT FOR PARCEL RELATED DETAILS.
PURPOSE OF ALL TEMPORARY LIMITED EASEMENTS IS FOR CURB RAMP REPLACEMENT, UNLESS OTHERWISE NOTED.

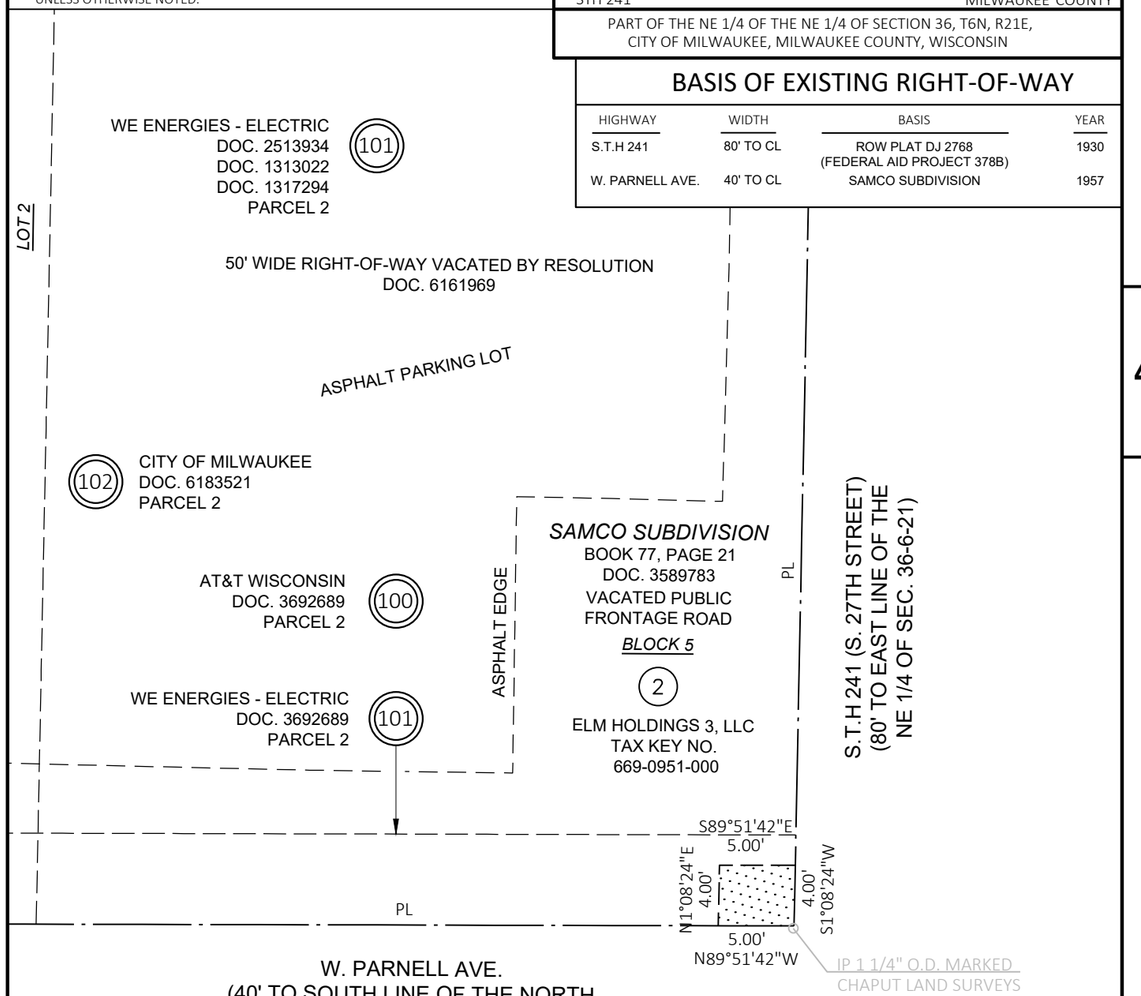
R/W PROJECT NUMBER: 2265-18-20 | EXHIBIT NUMBER: 4.02

RIGHT-OF-WAY ACQUISITION EXHIBIT
CITY OF MILWAUKEE, STH 241
RAMSEY AVE. TO LAYTON AVE.
STH 241 — MILWAUKEE COUNTY

PART OF THE NE 1/4 OF THE NE 1/4 OF SECTION 36, T6N, R21E,
CITY OF MILWAUKEE, MILWAUKEE COUNTY, WISCONSIN

BASIS OF EXISTING RIGHT-OF-WAY

HIGHWAY	WIDTH	BASIS	YEAR
S.T.H 241	80' TO CL	ROW PLAT DJ 2768 (FEDERAL AID PROJECT 378B)	1930
W. PARNELL AVE.	40' TO CL	SAMCO SUBDIVISION	1957



SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNERS NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT

PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	TLE S.F.
2	ELM HOLDINGS 3, LLC	TLE	20

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	UTILITY OWNER(S)	INTEREST REQUIRED
100	AT&T WISCONSIN	ROR
101	WE ENERGIES - ELECTRIC	ROR
102	CITY OF MILWAUKEE - WATER	ROR

GN

SCALE, FEET
0 5 10
1 INCH = 10 FEET

10/27/2023 NO CHANGE

FILE NAME : STH 241_2265-18-00_RW_EXHIBIT.DWG PLOT DATE : 10/30/2023 11:00 AM R/W PROJECT: 2265-18-00

NOTES:
THIS EXHIBIT IS A GRAPHIC REPRESENTATION AND IS FOR REFERENCE PURPOSES ONLY. REFER TO THE CONVEYANCE DOCUMENT FOR PARCEL RELATED DETAILS.
PURPOSE OF ALL TEMPORARY LIMITED EASEMENTS IS FOR CURB RAMP REPLACEMENT, UNLESS OTHERWISE NOTED.

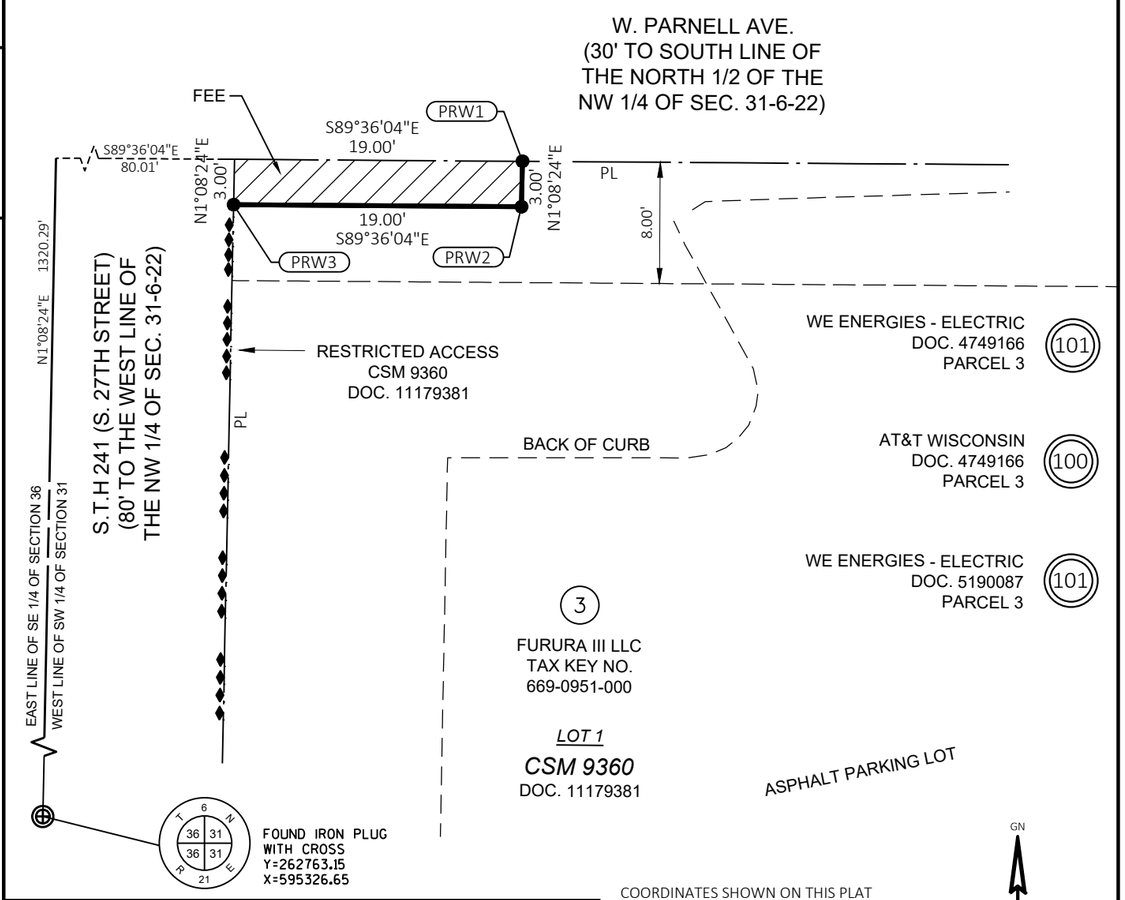
R/W PROJECT NUMBER: 2265-18-20 | EXHIBIT NUMBER: 4.03

RIGHT-OF-WAY ACQUISITION EXHIBIT
CITY OF MILWAUKEE, STH 241
RAMSEY AVE. TO LAYTON AVE.
STH 241 MILWAUKEE COUNTY

BASIS OF EXISTING RIGHT-OF-WAY

PART OF THE SW 1/4 OF THE NW 1/4 OF SECTION 31, T6N, R22E, CITY OF MILWAUKEE, MILWAUKEE COUNTY, WISCONSIN

HIGHWAY	WIDTH	BASIS	YEAR
S.T.H 241	80' TO CL	ROW PLAT DJ 2768 (FEDERAL AID PROJECT 378B)	1930
W. PARNELL AVE.	30' TO CL	CSM 9360	2021



SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNERS NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT

PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	TLE S.F.
3	FUTURA III LLC	FEE	57

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	UTILITY OWNER(S)	INTEREST REQUIRED
100	AT&T WISCONSIN	ROR
101	WE ENERGIES - ELECTRIC	ROR

COORDINATES SHOWN ON THIS PLAT WERE MEASURED IN THE WISCONSIN COUNTY COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS) MILWAUKEE 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.

10/27/2023 NO CHANGE

FILE NAME : STH 241_2265-18-00_RW_EXHIBIT.DWG PLOT DATE : 10/30/2023 11:00 AM R/W PROJECT: 2265-18-00

4

NOTES:
THIS EXHIBIT IS A GRAPHIC REPRESENTATION AND IS FOR REFERENCE PURPOSES ONLY. REFER TO THE CONVEYANCE DOCUMENT FOR PARCEL RELATED DETAILS.
PURPOSE OF ALL TEMPORARY LIMITED EASEMENTS IS FOR CURB RAMP REPLACEMENT, UNLESS OTHERWISE NOTED.

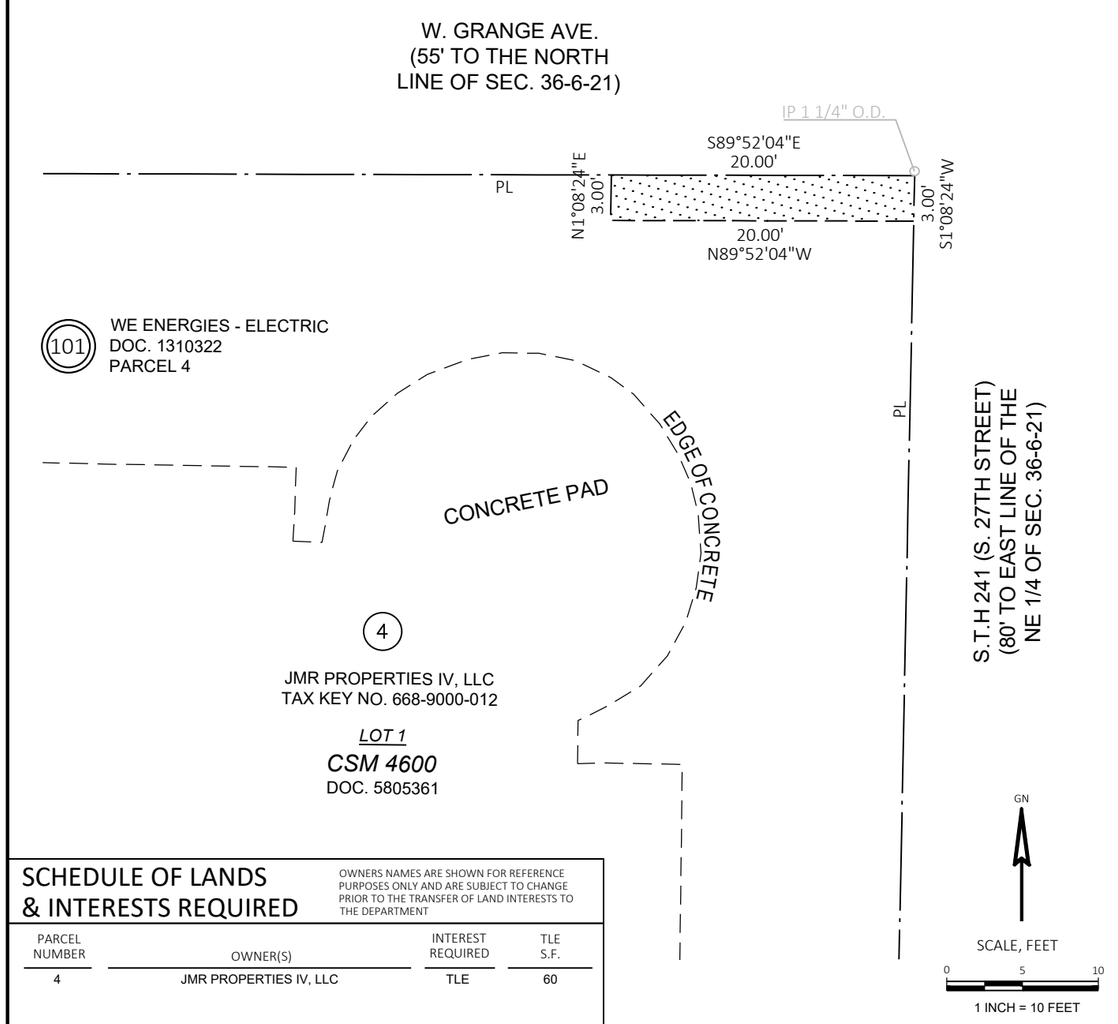
R/W PROJECT NUMBER: 2265-18-20 | EXHIBIT NUMBER: 4.04

RIGHT-OF-WAY ACQUISITION EXHIBIT
CITY OF MILWAUKEE, STH 241
RAMSEY AVE. TO LAYTON AVE.
STH 241 MILWAUKEE COUNTY

BASIS OF EXISTING RIGHT-OF-WAY

PART OF THE NE 1/4 OF THE NE 1/4 OF SECTION 36, T6N, R21E, CITY OF MILWAUKEE, MILWAUKEE COUNTY, WISCONSIN

HIGHWAY	WIDTH	BASIS	YEAR
S.T.H 241	80' TO CL	ROW PLAT DJ 2768 (FEDERAL AID PROJECT 378B)	1930
W. GRANGE AVE.	55' TO CL	CSM 4600	1985



SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNERS NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT

PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	TLE S.F.
4	JMR PROPERTIES IV, LLC	TLE	60

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	UTILITY OWNER(S)	INTEREST REQUIRED
101	WE ENERGIES - ELECTRIC	ROR

10/27/2023 NO CHANGE

FILE NAME : STH 241_2265-18-00_RW_EXHIBIT.DWG PLOT DATE : 10/30/2023 11:00 AM R/W PROJECT: 2265-18-00

NOTES:
THIS EXHIBIT IS A GRAPHIC REPRESENTATION AND IS FOR REFERENCE PURPOSES ONLY. REFER TO THE CONVEYANCE DOCUMENT FOR PARCEL RELATED DETAILS.
PURPOSE OF ALL TEMPORARY LIMITED EASEMENTS IS FOR CURB RAMP REPLACEMENT, UNLESS OTHERWISE NOTED.

R/W PROJECT NUMBER: 2265-18-20 | EXHIBIT NUMBER: 4.05

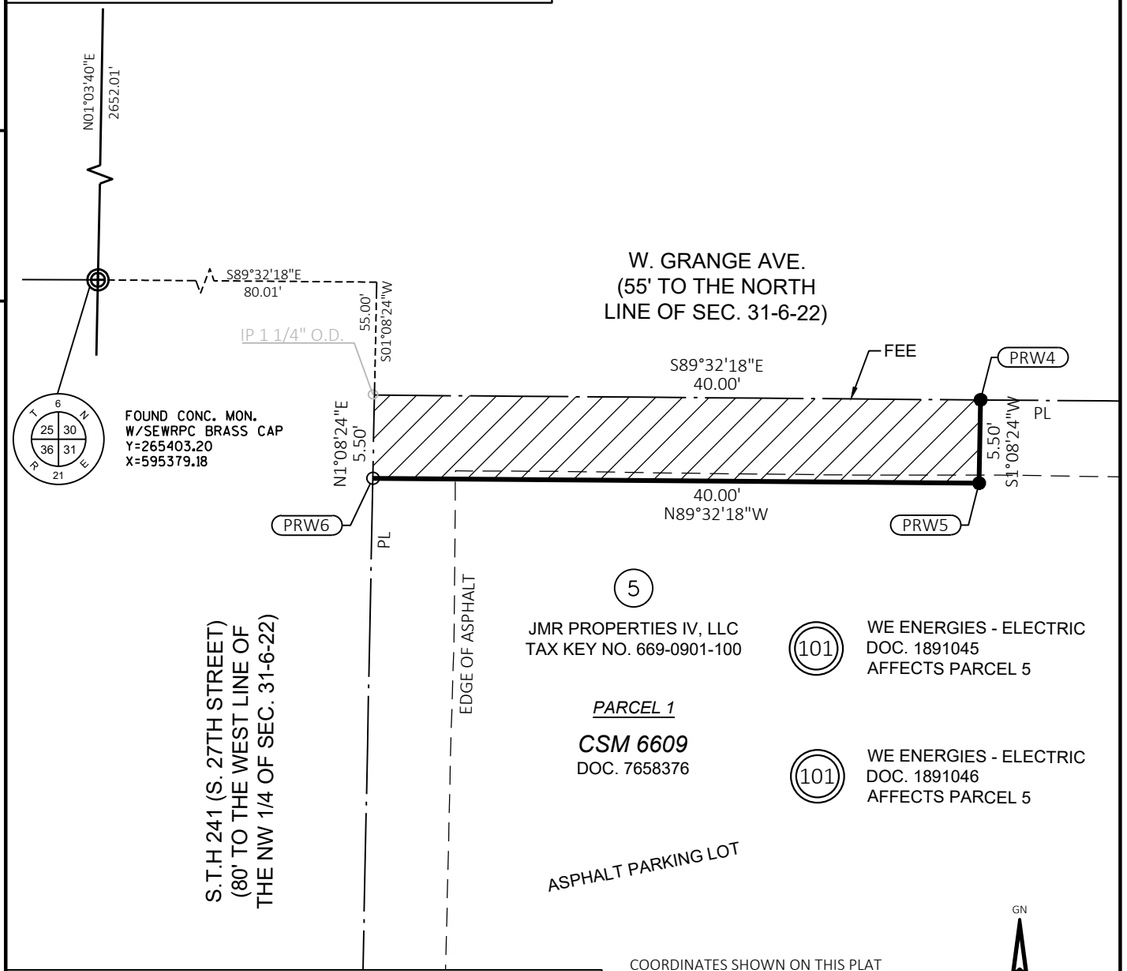
RIGHT-OF-WAY ACQUISITION EXHIBIT
CITY OF MILWAUKEE, STH 241
RAMSEY AVE. TO LAYTON AVE.
STH 241 MILWAUKEE COUNTY

PART OF THE NW 1/4 OF THE NW 1/4 OF SECTION 31, T6N, R22E, CITY OF MILWAUKEE, MILWAUKEE COUNTY, WISCONSIN

BASIS OF EXISTING RIGHT-OF-WAY

HIGHWAY	WIDTH	BASIS	YEAR
S.T.H 241	80' TO CL	ROW PLAT DJ 2768 (FEDERAL AID PROJECT 378B)	1930
W. GRANGE AVE.	55' TO CL	CSM 6609	1998

4



SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNERS NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT

PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	TLE S.F.
5	JMR PROPERTIES IV, LLC	FEE	220

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	UTILITY OWNER(S)	INTEREST REQUIRED
101	WE ENERGIES - ELECTRIC	ROR

COORDINATES SHOWN ON THIS PLAT WERE MEASURED IN THE WISCONSIN COUNTY COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS) MILWAUKEE 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.

GN

SCALE, FEET
0 5 10
1 INCH = 10 FEET

10/27/2023 NO CHANGE

NOTES:
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PURPOSE OF ALL TEMPORARY LIMITED EASEMENTS IS FOR CURB RAMP REPLACEMENT, UNLESS OTHERWISE NOTED.

R/W PROJECT NUMBER: 2265-18-20 | EXHIBIT NUMBER: 4.06

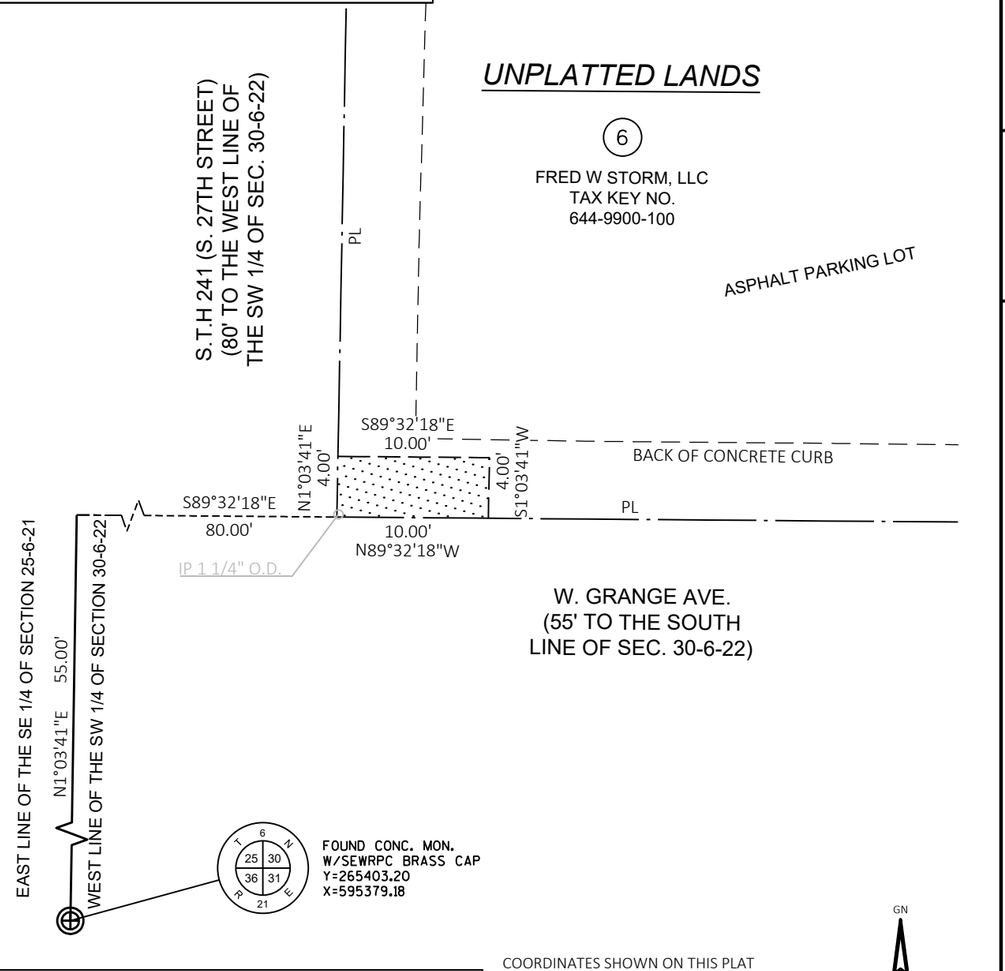
RIGHT-OF-WAY ACQUISITION EXHIBIT
CITY OF MILWAUKEE, STH 241
RAMSEY AVE. TO LAYTON AVE.
STH 241 MILWAUKEE COUNTY

PART OF THE SW 1/4 OF THE SW 1/4 OF SECTION 30, T6N, R22E, CITY OF MILWAUKEE, MILWAUKEE COUNTY, WISCONSIN

BASIS OF EXISTING RIGHT-OF-WAY

HIGHWAY	WIDTH	BASIS	YEAR
S.T.H 241	80' TO CL	ROW PLAT DJ 2768 (FEDERAL AID PROJECT 378B)	1930
W. GRANGE AVE.	55' TO CL	PLAT OF SURVEY DATED 11/6/1976	1976

4



SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNERS NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT

PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	TLE S.F.
6	FRED W STORM, LLC	TLE	40

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	UTILITY OWNER(S)	INTEREST REQUIRED
-	-	-

COORDINATES SHOWN ON THIS PLAT WERE MEASURED IN THE WISCONSIN COUNTY COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS) MILWAUKEE 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.

GN

SCALE, FEET
0 5 10
1 INCH = 10 FEET

10/27/2023 NO CHANGE

NOTES:
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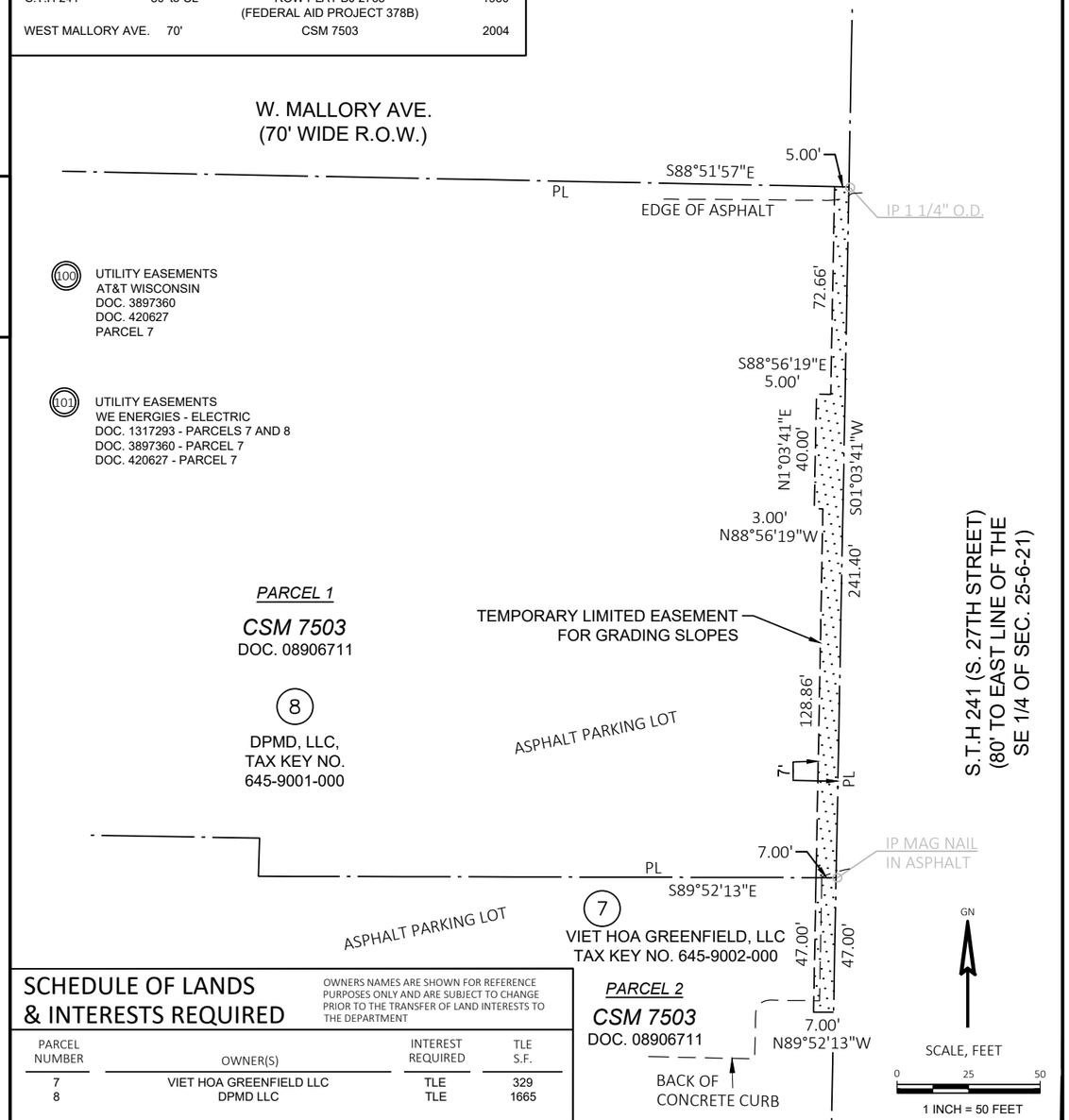
R/W PROJECT NUMBER: 2265-18-20 | EXHIBIT NUMBER: 4.07

RIGHT-OF-WAY ACQUISITION EXHIBIT
CITY OF MILWAUKEE, STH 241
RAMSEY AVE. TO LAYTON AVE.
STH 241 MILWAUKEE COUNTY

PART OF THE SE 1/4 OF THE SE 1/4 OF SECTION 25, T6N, R21E, CITY OF MILWAUKEE, MILWAUKEE COUNTY, WISCONSIN

BASIS OF EXISTING RIGHT-OF-WAY

HIGHWAY	WIDTH	BASIS	YEAR
S.T.H 241	80' to CL	ROW PLAT DJ 2768 (FEDERAL AID PROJECT 378B)	1930
WEST MALLORY AVE.	70'	CSM 7503	2004



SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNERS NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT

PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	TLE S.F.
7	VIET HOA GREENFIELD LLC	TLE	329
8	DPMD LLC	TLE	1665

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	UTILITY OWNER(S)	INTEREST REQUIRED
100	AT&T WISCONSIN	ROR
101	WE ENERGIES - ELECTRIC	ROR

10/27/2023 NO CHANGE

FILE NAME : STH 241_2265-18-00_RW_EXHIBIT.DWG PLOT DATE : 10/30/2023 11:00 AM R/W PROJECT: 2265-18-00

4

NOTES:
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PURPOSE OF ALL TEMPORARY LIMITED EASEMENTS IS FOR CURB RAMP REPLACEMENT, UNLESS OTHERWISE NOTED.

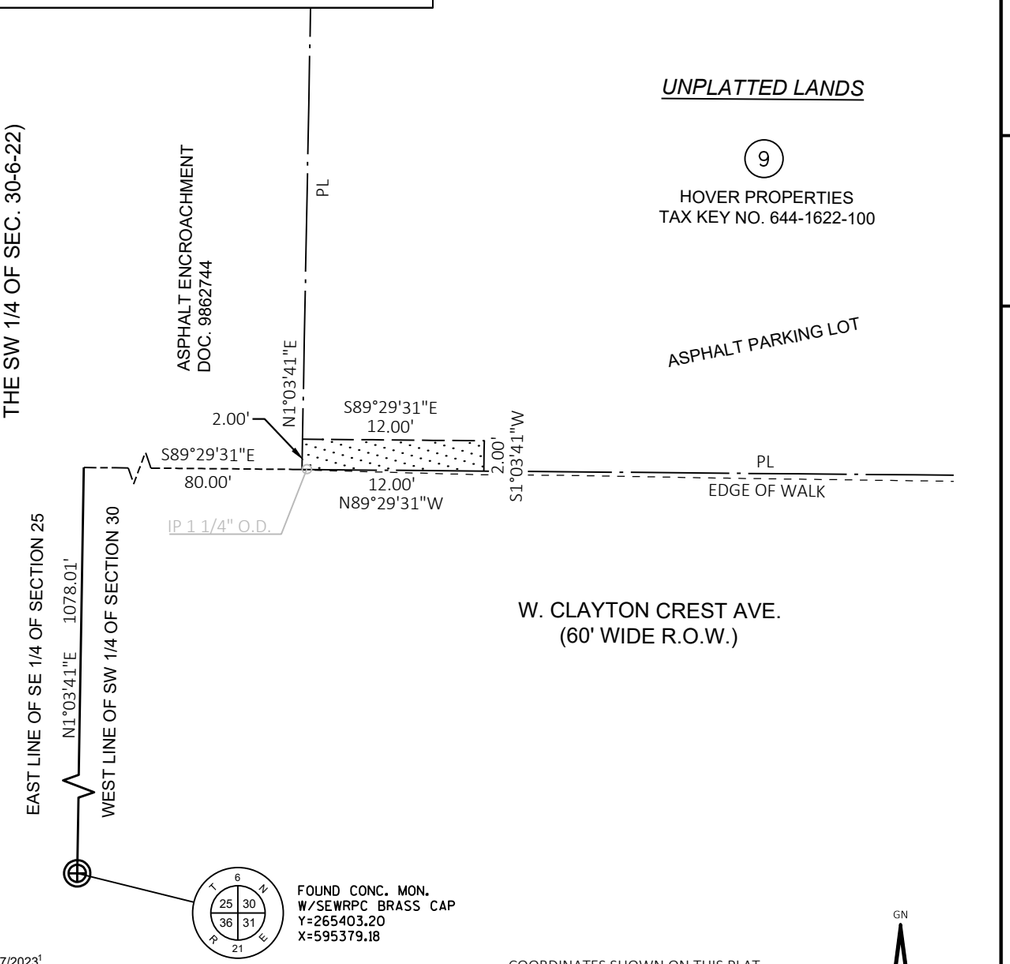
R/W PROJECT NUMBER: 2265-18-20 | EXHIBIT NUMBER: 4.08

RIGHT-OF-WAY ACQUISITION EXHIBIT
CITY OF MILWAUKEE, STH 241
RAMSEY AVE. TO LAYTON AVE.
STH 241 MILWAUKEE COUNTY

PART OF THE SW 1/4 OF THE SW 1/4 OF SECTION 30, T6N, R22E, CITY OF MILWAUKEE, MILWAUKEE COUNTY, WISCONSIN

BASIS OF EXISTING RIGHT-OF-WAY

HIGHWAY	WIDTH	BASIS	YEAR
S.T.H 241	80' TO CL	ROW PLAT DJ 2768 (FEDERAL AID PROJECT 378B)	1930
W. CLAYTON CREST AVE.	60' TO CL	CSM 2141	1973



REV. DATE: 09/07/2023[1]

SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNERS NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT

PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	TLE S.F.
9[2]	HOVER PROPERTIES	TLE	24

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	UTILITY OWNER(S)	INTEREST REQUIRED
101[2]	ELIMINATED	

COORDINATES SHOWN ON THIS PLAT WERE MEASURED IN THE WISCONSIN COUNTY COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS) MILWAUKEE 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.

10/27/2023 REVISION (2)

FILE NAME : STH 241_2265-18-00_RW_EXHIBIT.DWG PLOT DATE : 10/30/2023 11:00 AM R/W PROJECT: 2265-18-00

4

NOTES:
THIS EXHIBIT IS A GRAPHIC REPRESENTATION AND IS FOR REFERENCE PURPOSES ONLY. REFER TO THE CONVEYANCE DOCUMENT FOR PARCEL RELATED DETAILS.
PURPOSE OF ALL TEMPORARY LIMITED EASEMENTS IS FOR CURB RAMP REPLACEMENT, UNLESS OTHERWISE NOTED.

R/W PROJECT NUMBER: 2265-18-20 | EXHIBIT NUMBER: 4.09

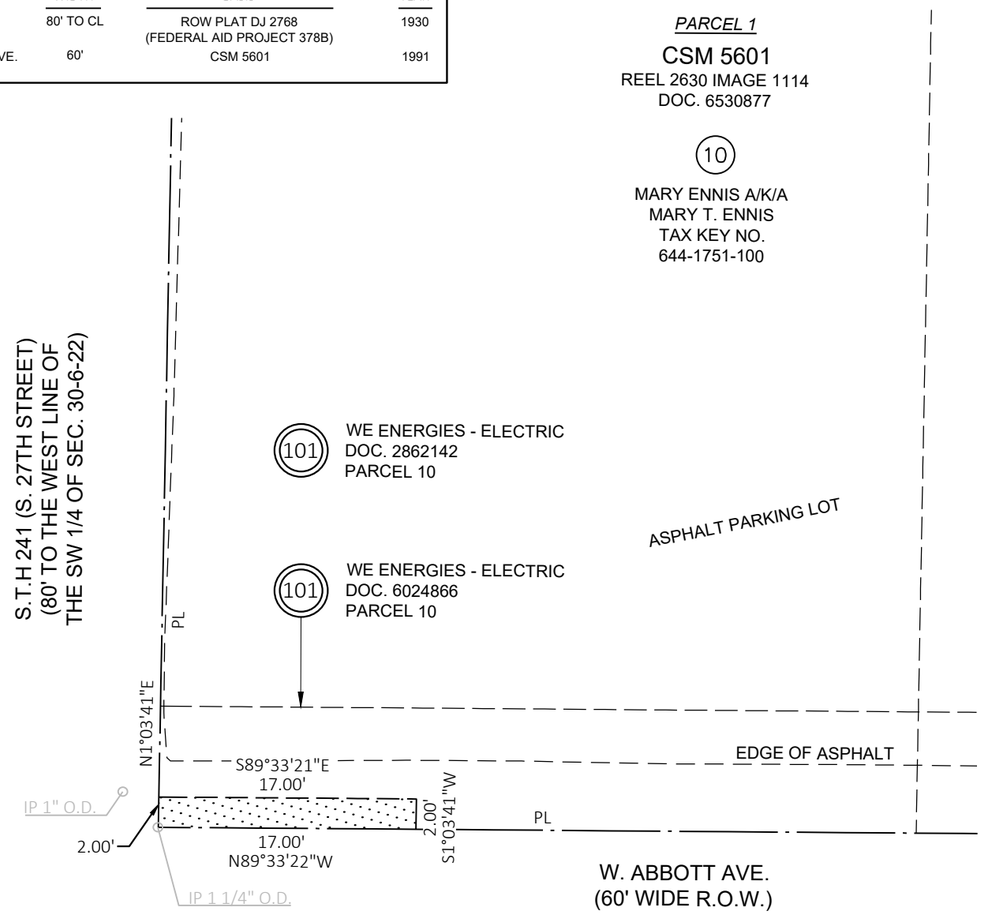
RIGHT-OF-WAY ACQUISITION EXHIBIT
CITY OF MILWAUKEE, STH 241
RAMSEY AVE. TO LAYTON AVE.
STH 241 MILWAUKEE COUNTY

PART OF THE NW 1/4 OF THE SW 1/4 OF SECTION 30, T6N, R22E, CITY OF MILWAUKEE, MILWAUKEE COUNTY, WISCONSIN

BASIS OF EXISTING RIGHT-OF-WAY

HIGHWAY	WIDTH	BASIS	YEAR
S.T.H 241	80' TO CL	ROW PLAT DJ 2768 (FEDERAL AID PROJECT 378B)	1930
W. ABBOTT AVE.	60'	CSM 5601	1991

4



SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNERS NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT

PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	TLE S.F.
10	MARY ENNIS A/K/A MARY T. ENNIS	TLE	34

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	UTILITY OWNER(S)	INTEREST REQUIRED
101	WE ENERGIES - ELECTRIC	ROR

GN

SCALE, FEET
0 5 10
1 INCH = 10 FEET

10/27/2023 NO CHANGE

FILE NAME : STH 241_2265-18-00_RW_EXHIBIT.DWG PLOT DATE : 10/30/2023 11:00 AM R/W PROJECT: 2265-18-00

NOTES:
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PURPOSE OF ALL TEMPORARY LIMITED EASEMENTS IS FOR CURB RAMP REPLACEMENT, UNLESS OTHERWISE NOTED.

R/W PROJECT NUMBER: 2265-18-20 | EXHIBIT NUMBER: 4.10

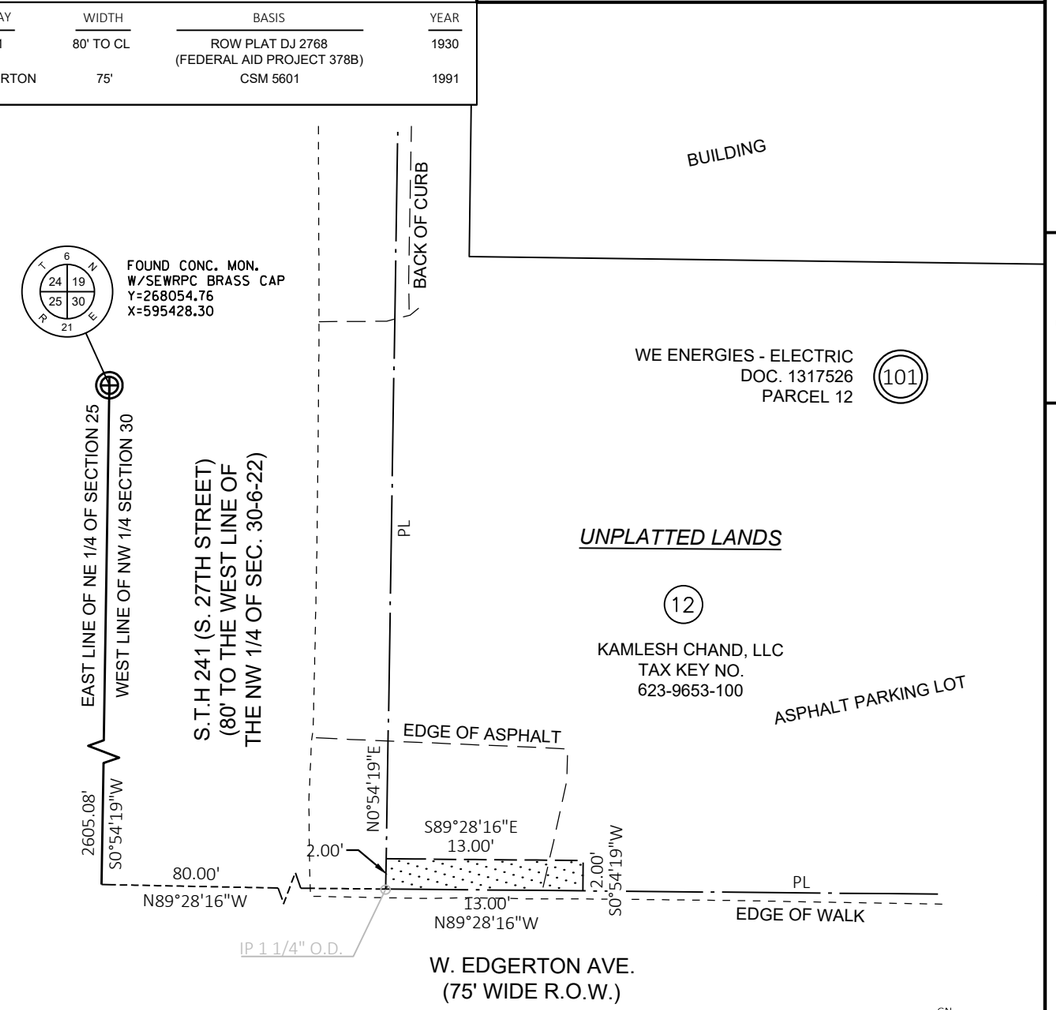
RIGHT-OF-WAY ACQUISITION EXHIBIT
CITY OF MILWAUKEE, STH 241
RAMSEY AVE. TO LAYTON AVE.
STH 241 MILWAUKEE COUNTY

PART OF THE SW 1/4 OF THE NW 1/4 OF SECTION 30, T6N, R22E, CITY OF MILWAUKEE, MILWAUKEE COUNTY, WISCONSIN

BASIS OF EXISTING RIGHT-OF-WAY

HIGHWAY	WIDTH	BASIS	YEAR
S.T.H 241	80' TO CL	ROW PLAT DJ 2768 (FEDERAL AID PROJECT 378B)	1930
W. EDGERTON AVE.	75'	CSM 5601	1991

4



SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNERS NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT

PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	TLE S.F.
12	KAMLESH CHAND, LLC	TLE	26

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	UTILITY OWNER(S)	INTEREST REQUIRED
101	WE ENERGIES - ELECTRIC	ROR

COORDINATES SHOWN ON THIS PLAT WERE MEASURED IN THE WISCONSIN COUNTY COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS) MILWAUKEE 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.

GN

SCALE, FEET
0 5 10
1 INCH = 10 FEET

10/27/2023 NO CHANGE

FILE NAME : STH 241_2265-18-00_RW_EXHIBIT.DWG PLOT DATE : 10/30/2023 11:00 AM R/W PROJECT: 2265-18-00

NOTES:
THIS EXHIBIT IS A GRAPHIC REPRESENTATION AND IS FOR REFERENCE PURPOSES ONLY. REFER TO THE CONVEYANCE DOCUMENT FOR PARCEL RELATED DETAILS.
PURPOSE OF ALL TEMPORARY LIMITED EASEMENTS IS FOR CURB RAMP REPLACEMENT, UNLESS OTHERWISE NOTED.

R/W PROJECT NUMBER: 2265-18-20 | EXHIBIT NUMBER: 4.11

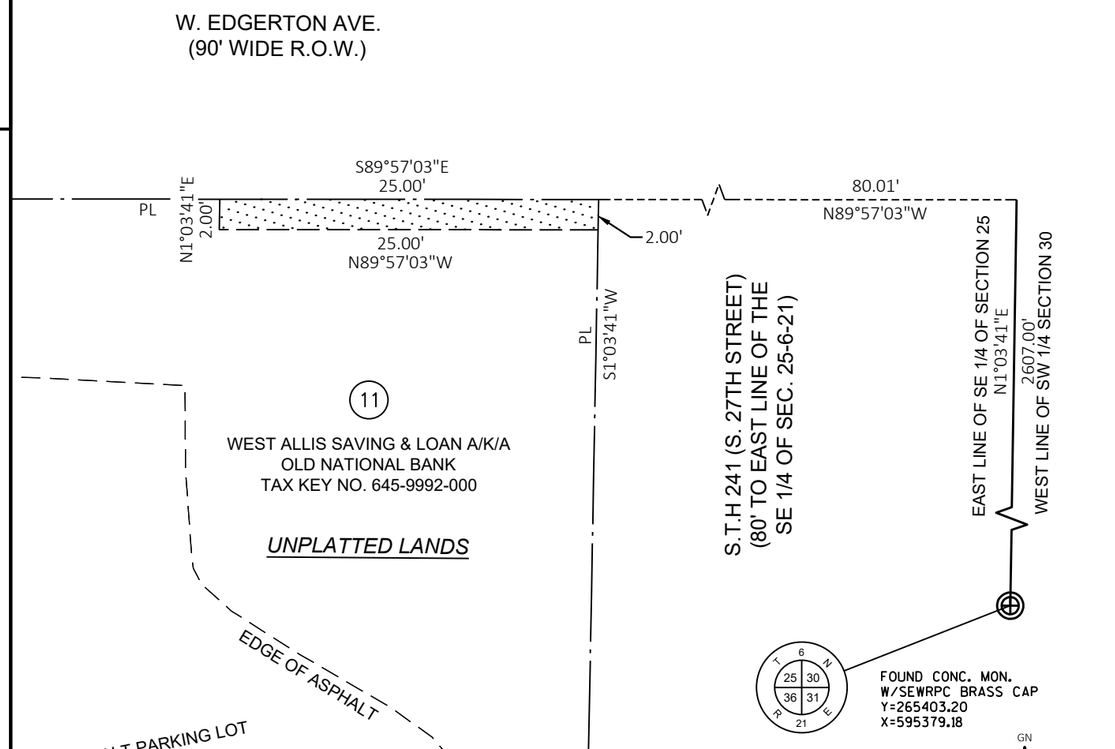
RIGHT-OF-WAY ACQUISITION EXHIBIT
CITY OF MILWAUKEE, STH 241
RAMSEY AVE. TO LAYTON AVE.
STH 241 MILWAUKEE COUNTY

PART OF THE NE 1/4 OF THE SE 1/4 OF SECTION 25, T6N, R21E, CITY OF MILWAUKEE, MILWAUKEE COUNTY, WISCONSIN

BASIS OF EXISTING RIGHT-OF-WAY

HIGHWAY	WIDTH	BASIS	YEAR
S.T.H 241	80' TO CL	ROW PLAT DJ 2768 (FEDERAL AID PROJECT 378B)	1930
W. EDGERTON AVE.	90'	DOC. 6216469	1988

4



SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNERS NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT

PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	TLE S.F.
11	WEST ALLIS & LOAN A/K/A OLD NATIONAL BANK	TLE	50

COORDINATES SHOWN ON THIS PLAT WERE MEASURED IN THE WISCONSIN COUNTY COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS) MILWAUKEE 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.

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	UTILITY OWNER(S)	INTEREST REQUIRED
-	-	-

10/27/2023 NO CHANGE

FILE NAME : STH 241_2265-18-00_RW_EXHIBIT.DWG PLOT DATE : 10/30/2023 11:00 AM R/W PROJECT: 2265-18-00

NOTES:
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PURPOSE OF ALL TEMPORARY LIMITED EASEMENTS IS FOR CURB RAMP REPLACEMENT, UNLESS OTHERWISE NOTED.

R/W PROJECT NUMBER: 2265-18-20 | EXHIBIT NUMBER: 4.12

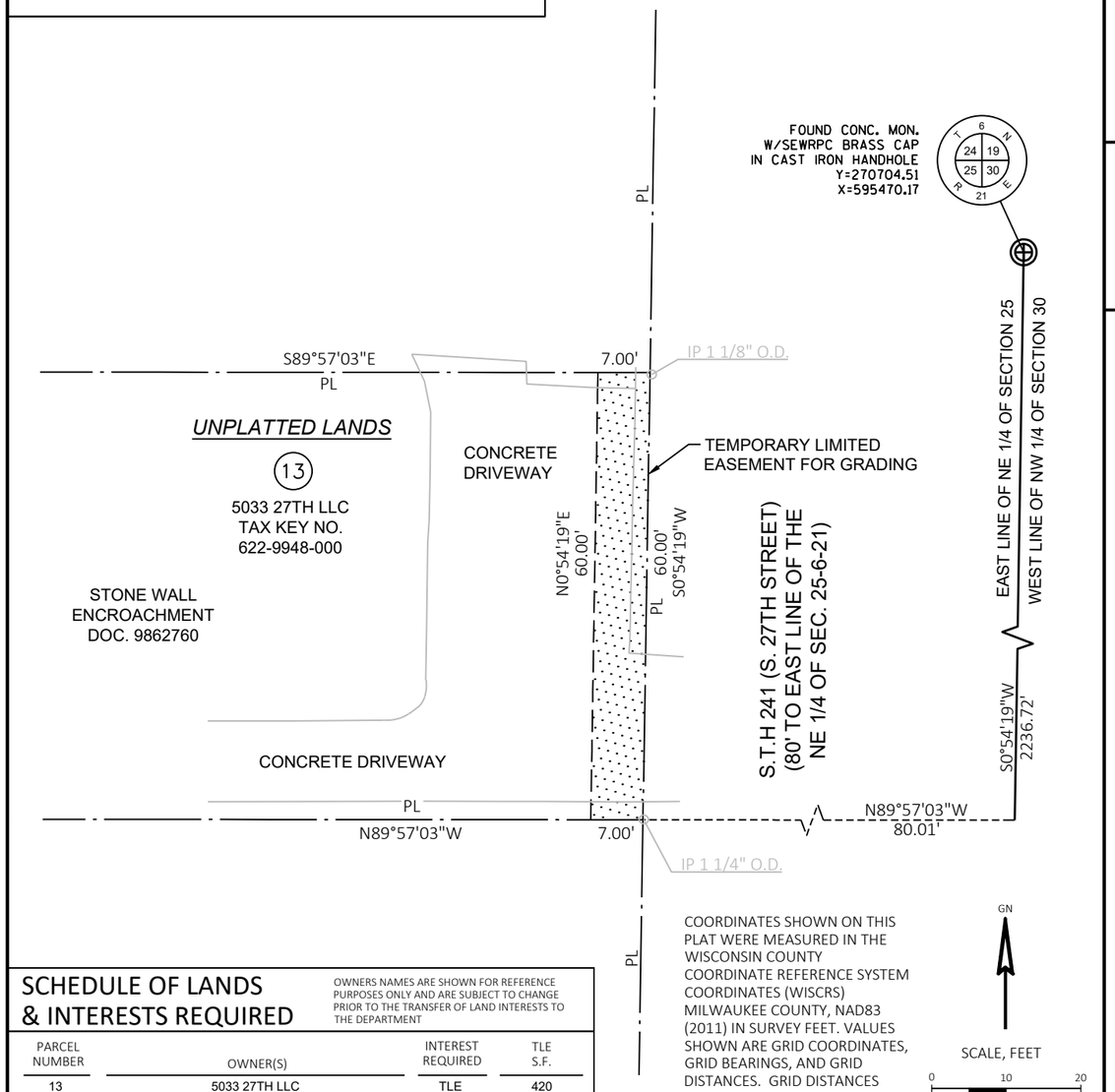
RIGHT-OF-WAY ACQUISITION EXHIBIT
CITY OF MILWAUKEE, STH 241
RAMSEY AVE. TO LAYTON AVE.
STH 241 MILWAUKEE COUNTY

PART OF THE SE 1/4 OF THE NE 1/4 OF SECTION 25, T6N, R21E, CITY OF MILWAUKEE, MILWAUKEE COUNTY, WISCONSIN

BASIS OF EXISTING RIGHT-OF-WAY

HIGHWAY	WIDTH	BASIS	YEAR
S.T.H 241	80' TO CL	ROW PLAT DJ 2768 (FEDERAL AID PROJECT 378B)	1930

4



SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNERS NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT

PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	TLE S.F.
13	5033 27TH LLC	TLE	420

COORDINATES SHOWN ON THIS PLAT WERE MEASURED IN THE WISCONSIN COUNTY COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS) MILWAUKEE 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.

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	UTILITY OWNER(S)	INTEREST REQUIRED
-	-	-

10/27/2023 NO CHANGE

FILE NAME : STH 241_2265-18-00_RW_EXHIBIT.DWG PLOT DATE : 10/30/2023 11:00 AM R/W PROJECT: 2265-18-00

NOTES:
THIS EXHIBIT IS A GRAPHIC REPRESENTATION AND IS FOR REFERENCE PURPOSES ONLY. REFER TO THE CONVEYANCE DOCUMENT FOR PARCEL RELATED DETAILS.
PURPOSE OF ALL TEMPORARY LIMITED EASEMENTS IS FOR CURB RAMP REPLACEMENT, UNLESS OTHERWISE NOTED.

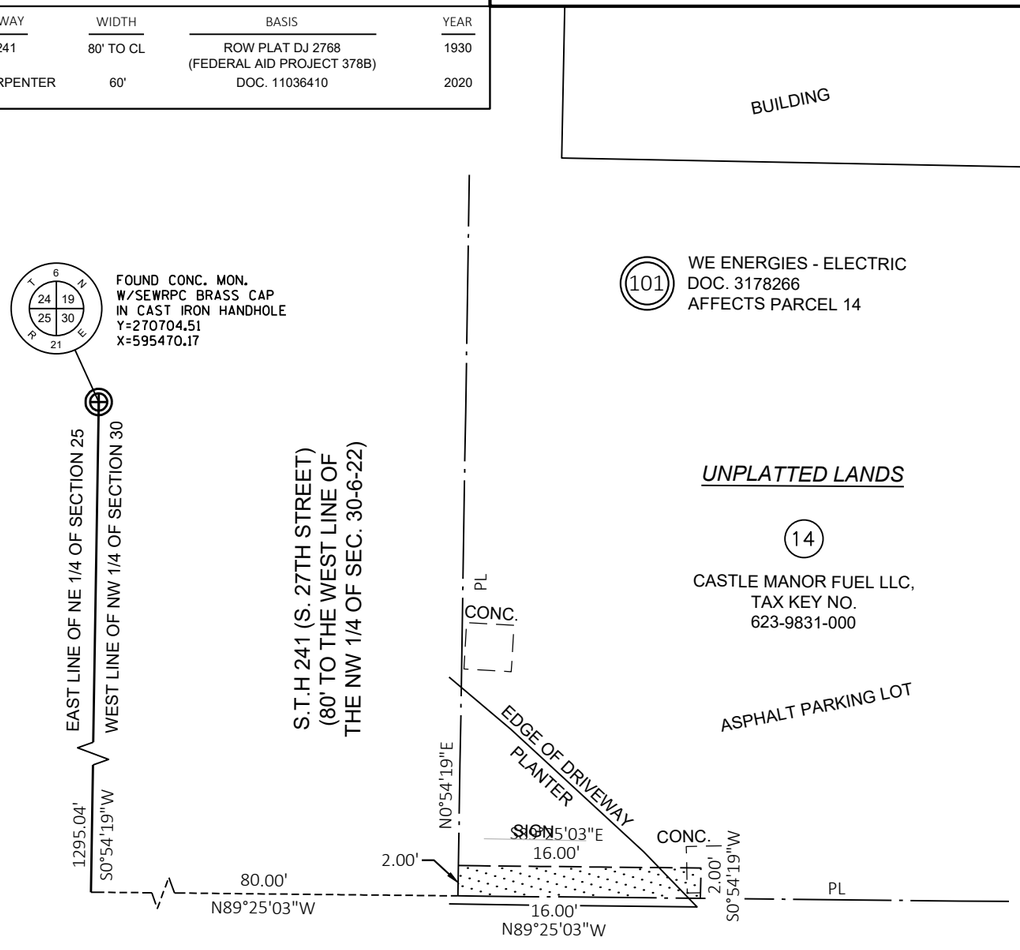
R/W PROJECT NUMBER: 2265-18-20 | EXHIBIT NUMBER: 4.13

RIGHT-OF-WAY ACQUISITION EXHIBIT
CITY OF MILWAUKEE, STH 241
RAMSEY AVE. TO LAYTON AVE.
STH 241 MILWAUKEE COUNTY

PART OF THE NW 1/4 OF THE NW 1/4 OF SECTION 30, T6N, R22E,
CITY OF MILWAUKEE, MILWAUKEE COUNTY, WISCONSIN

BASIS OF EXISTING RIGHT-OF-WAY

HIGHWAY	WIDTH	BASIS	YEAR
S.T.H 241	80' TO CL	ROW PLAT DJ 2768 (FEDERAL AID PROJECT 378B)	1930
W. CARPENTER AVE.	60'	DOC. 11036410	2020



SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNERS NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT

PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	TLE S.F.
14	CASTLE MANOR FUEL LLC	TLE	32

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	UTILITY OWNER(S)	INTEREST REQUIRED
101	WE ENERGIES - ELECTRIC	ROR

COORDINATES SHOWN ON THIS PLAT WERE MEASURED IN THE WISCONSIN COUNTY COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS) MILWAUKEE 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.

GN

SCALE, FEET
0 5 10
1 INCH = 10 FEET

10/27/2023 NO CHANGE

FILE NAME : STH 241_2265-18-00_RW_EXHIBIT.DWG PLOT DATE : 10/30/2023 11:00 AM R/W PROJECT: 2265-18-00

4

NOTES:
THIS EXHIBIT IS A GRAPHIC REPRESENTATION AND IS FOR REFERENCE PURPOSES ONLY. REFER TO THE CONVEYANCE DOCUMENT FOR PARCEL RELATED DETAILS.
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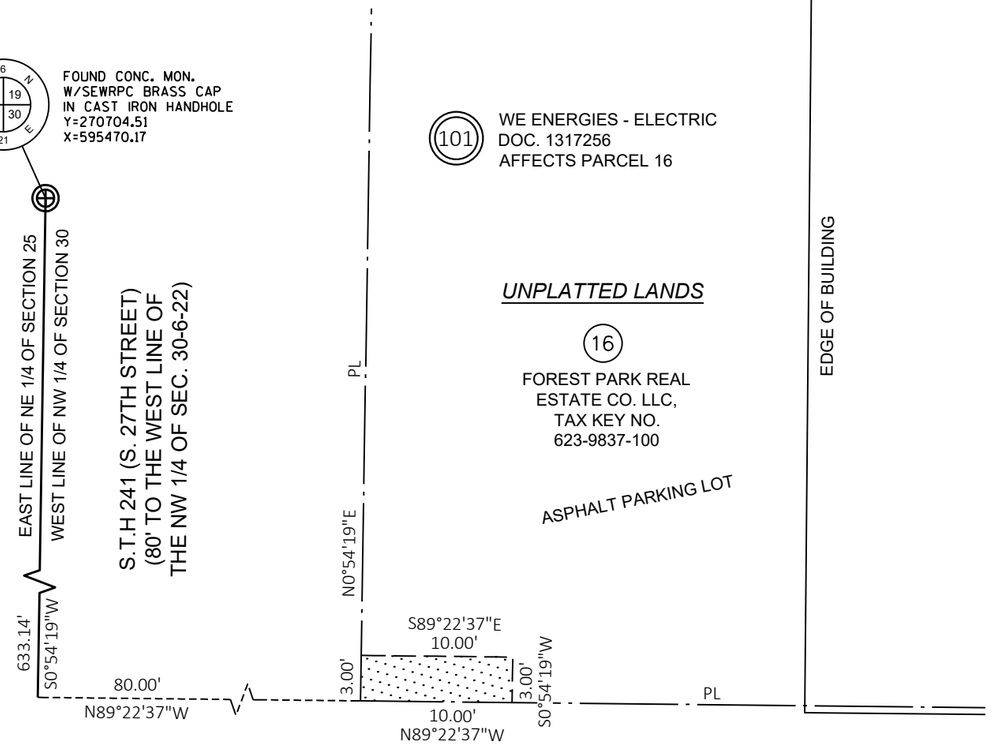
R/W PROJECT NUMBER: 2265-18-20 | EXHIBIT NUMBER: 4.14

RIGHT-OF-WAY ACQUISITION EXHIBIT
CITY OF MILWAUKEE, STH 241
RAMSEY AVE. TO LAYTON AVE.
STH 241 MILWAUKEE COUNTY

PART OF THE NW 1/4 OF THE NW 1/4 OF SECTION 30, T6N, R22E,
CITY OF MILWAUKEE, MILWAUKEE COUNTY, WISCONSIN

BASIS OF EXISTING RIGHT-OF-WAY

HIGHWAY	WIDTH	BASIS	YEAR
S.T.H 241	80' TO CL	ROW PLAT DJ 2768 (FEDERAL AID PROJECT 378B)	1930
W. BARNARD AVE.	60'	DOC. NO. 09282969	2006



SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNERS NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT

PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	TLE S.F.
16	FOREST PARK REAL ESTATE CO. LLC	TLE	30

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	UTILITY OWNER(S)	INTEREST REQUIRED
101	WE ENERGIES - ELECTRIC	ROR

COORDINATES SHOWN ON THIS PLAT WERE MEASURED IN THE WISCONSIN COUNTY COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS) MILWAUKEE 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.

GN

SCALE, FEET
0 5 10
1 INCH = 10 FEET

10/27/2023 NO CHANGE

FILE NAME : STH 241_2265-18-00_RW_EXHIBIT.DWG PLOT DATE : 10/30/2023 11:00 AM R/W PROJECT: 2265-18-00

4

NOTES:
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R/W PROJECT NUMBER: 2265-18-20 | EXHIBIT NUMBER: 4.15

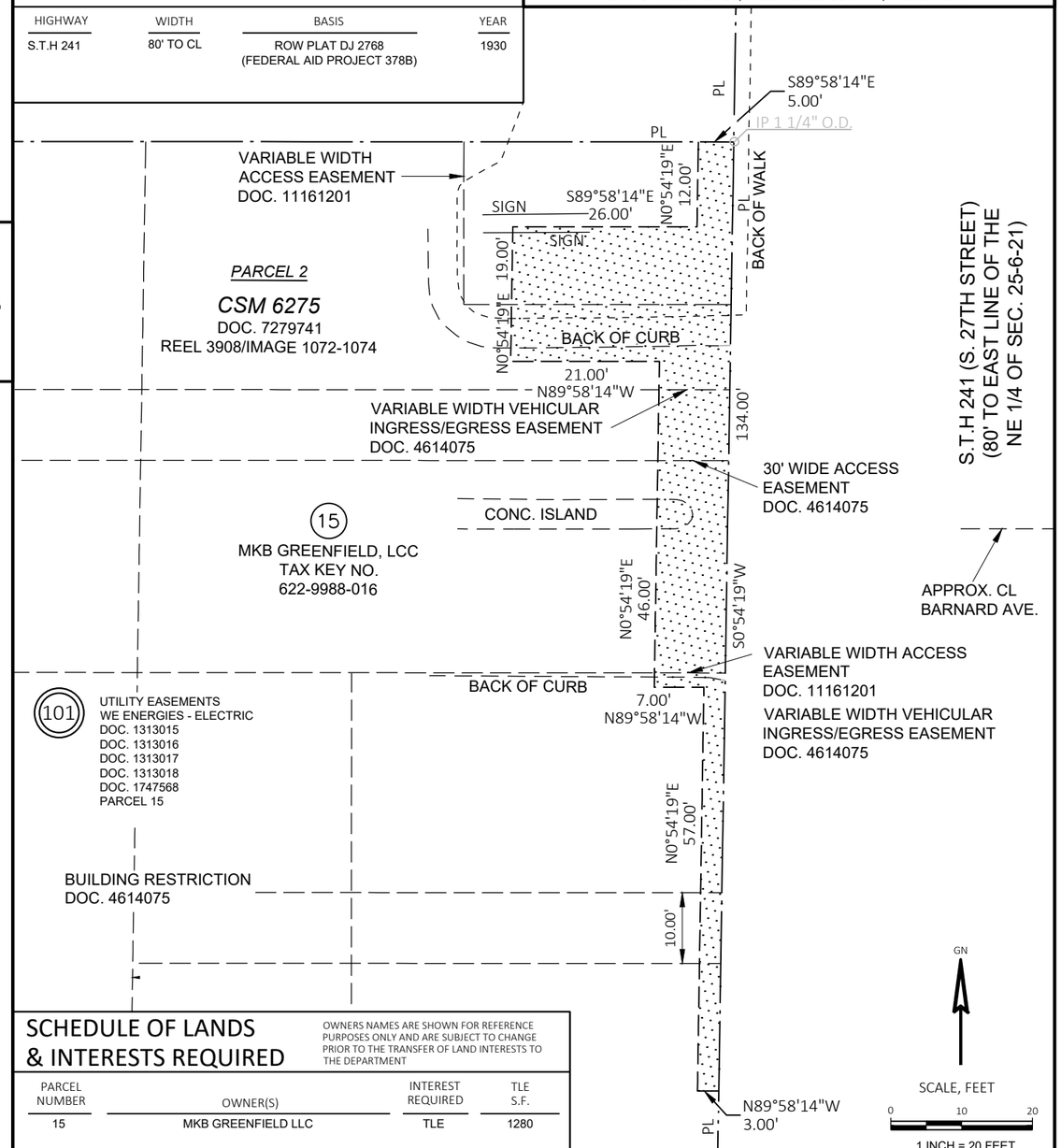
RIGHT-OF-WAY ACQUISITION EXHIBIT
CITY OF MILWAUKEE, STH 241
RAMSEY AVE. TO LAYTON AVE.
STH 241 MILWAUKEE COUNTY

PART OF THE NE 1/4 OF THE NE 1/4 OF SECTION 25, T6N, R21E, CITY OF MILWAUKEE, MILWAUKEE COUNTY, WISCONSIN

BASIS OF EXISTING RIGHT-OF-WAY

HIGHWAY	WIDTH	BASIS	YEAR
S.T.H 241	80' TO CL	ROW PLAT DJ 2768 (FEDERAL AID PROJECT 378B)	1930

4



SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNERS NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT

PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	TLE S.F.
15	MKB GREENFIELD LLC	TLE	1280

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	UTILITY OWNER(S)	INTEREST REQUIRED
101	WE ENERGIES - ELECTRIC	ROR
107 (2)	ELIMINATED	

10/27/2023 REVISION (2)

FILE NAME : STH 241_2265-18-00_RW_EXHIBIT.DWG PLOT DATE : 10/30/2023 11:00 AM R/W PROJECT: 2265-18-00

NOTES:
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R/W PROJECT NUMBER: 2265-18-20 | EXHIBIT NUMBER: 4.16

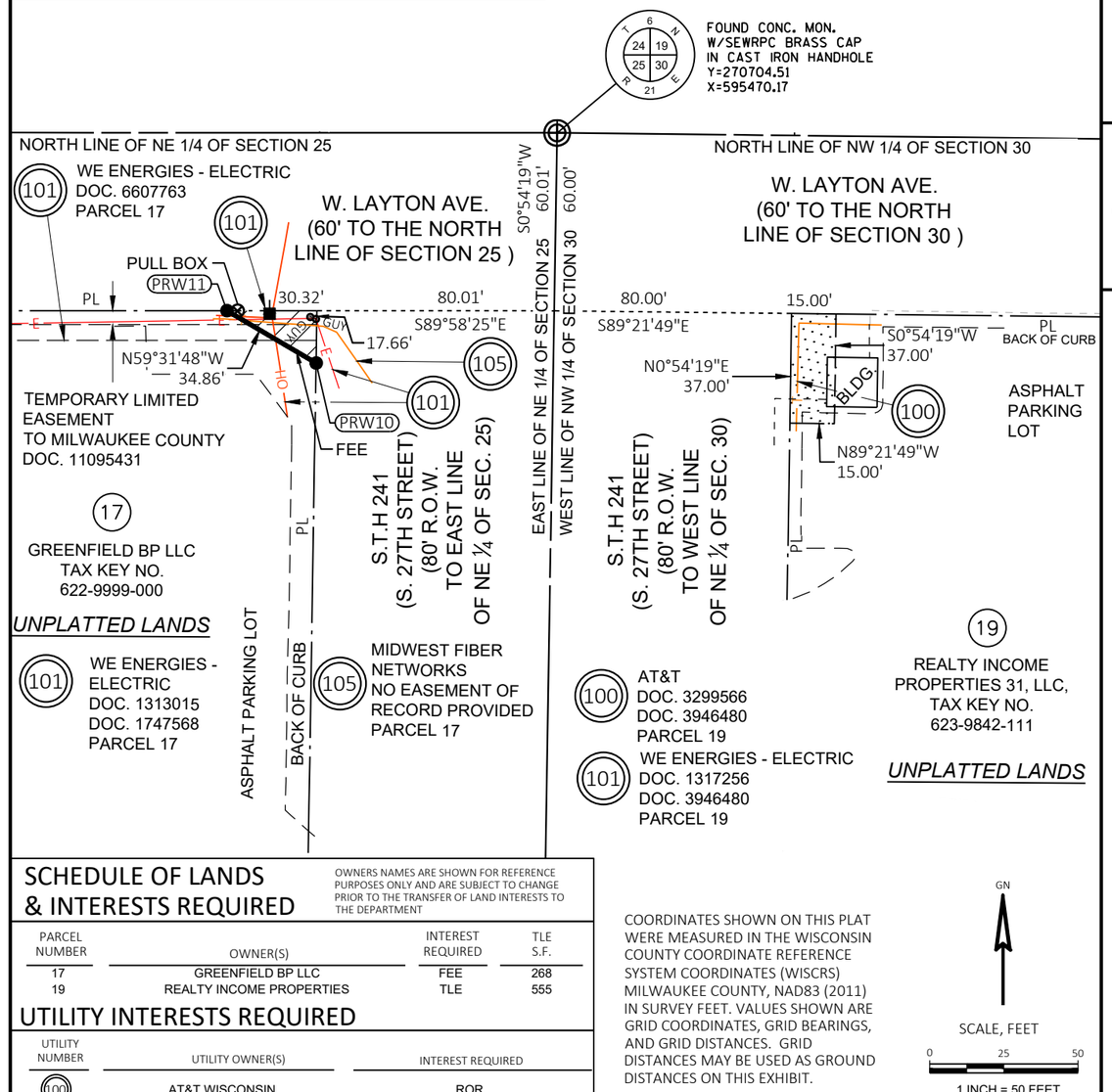
RIGHT-OF-WAY ACQUISITION EXHIBIT
CITY OF MILWAUKEE, STH 241
RAMSEY AVE. TO LAYTON AVE.
STH 241 MILWAUKEE COUNTY

PART OF THE NE 1/4 OF NE 1/4 OF SECTION 25, T6N, R21E ALONG WITH PART OF THE NW 1/4 OF NW 1/4 OF SECTION 30, T6N, R22E, CITY OF MILWAUKEE, MILWAUKEE COUNTY, WISCONSIN

BASIS OF EXISTING RIGHT-OF-WAY

HIGHWAY	WIDTH	BASIS	YEAR
S.T.H 241	80' TO CL	ROW PLAT DJ 2768 (FEDERAL AID PROJECT 378B)	1930
W. LAYTON AVE.	60' TO CL	DOC. 10747822	2020

4



SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNERS NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT

PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	TLE S.F.
17	GREENFIELD BP LLC	FEE	268
19	REALTY INCOME PROPERTIES	TLE	555

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	UTILITY OWNER(S)	INTEREST REQUIRED
100	AT&T WISCONSIN	ROR
101	WE ENERGIES - ELECTRIC	ROR
103 (2)	ELIMINATED	
105	MIDWEST FIBER NETWORKS LLC	ROR
106 (2)	ELIMINATED	

COORDINATES SHOWN ON THIS PLAT WERE MEASURED IN THE WISCONSIN COUNTY COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS) MILWAUKEE 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.

GN
SCALE, FEET
0 25 50
1 INCH = 50 FEET

10/27/2023 REVISION (2)

FILE NAME : STH 241_2265-18-00_RW_EXHIBIT.DWG PLOT DATE : 10/30/2023 11:00 AM R/W PROJECT: 2265-18-00

NOTES:
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PURPOSE OF ALL TEMPORARY LIMITED EASEMENTS IS FOR CURB RAMP REPLACEMENT, UNLESS OTHERWISE NOTED.

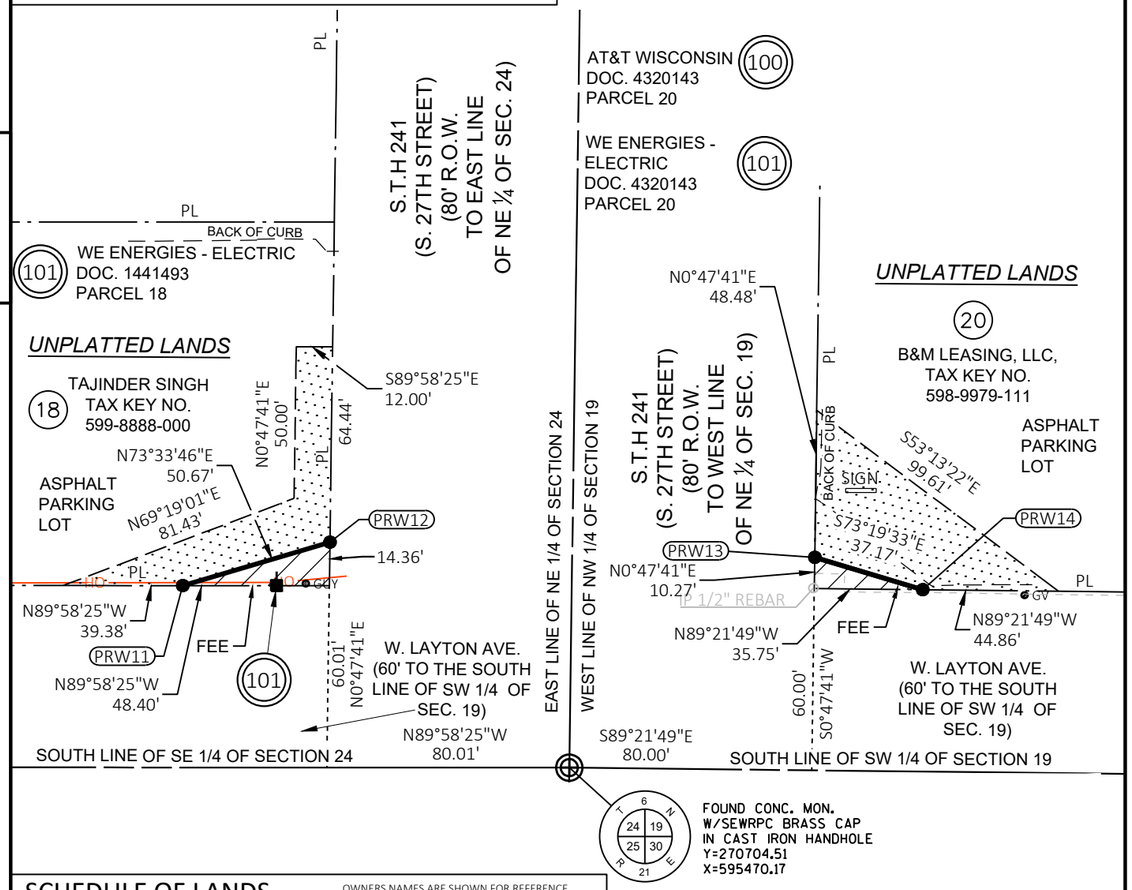
BASIS OF EXISTING RIGHT-OF-WAY

HIGHWAY	WIDTH	BASIS	YEAR
S.T.H 241	80' TO CL	ROW PLAT DJ 2768 (FEDERAL AID PROJECT 378B)	1930
W. LAYTON AVE.	60' TO CL	DOC. 8795680	2004

R/W PROJECT NUMBER: 2265-18-20 | EXHIBIT NUMBER: 4.17

RIGHT-OF-WAY ACQUISITION EXHIBIT
CITY OF MILWAUKEE, STH 241
RAMSEY AVE. TO LAYTON AVE.
STH 241 MILWAUKEE COUNTY

PART OF THE SE 1/4 OF SE 1/4 OF SECTION 24, T6N, R21E ALONG WITH PART OF THE SW 1/4 OF SW 1/4 OF SECTION 19, T6N, R22E, CITY OF MILWAUKEE, MILWAUKEE COUNTY, WISCONSIN



SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNERS NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT

PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	TLE S.F.
18	TAJINDER SINGH	FEE	347
18	TAJINDER SINGH	TLE	1689
20 (2)	B&M LEASING LLP	FEE	184
20 (2)	B&M LEASING LLP	TLE	2184

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	UTILITY OWNER(S)	INTEREST REQUIRED
100	AT&T WISCONSIN	ROR
101	WE ENERGIES - ELECTRIC	ROR
104 (2)	ELIMINATED	
104 (2)	ELIMINATED	

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10/27/2023 REVISION (2)

4

R/W PROJECT NUMBER: 2265-18-20 | EXHIBIT NUMBER:

R-OF-WAY ACQUISITION EXHIBIT
CITY OF MILWAUKEE, STH 241
RAMSEY AVE. TO LAYTON AVE.
STH 241 MILWAUKEE COUNTY

1/4-1/4 DESCRIPTION

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SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNERS NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT

PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	TLE S.F.

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	UTILITY OWNER(S)	INTEREST REQUIRED

10/27/2023 NO CHANGE

4

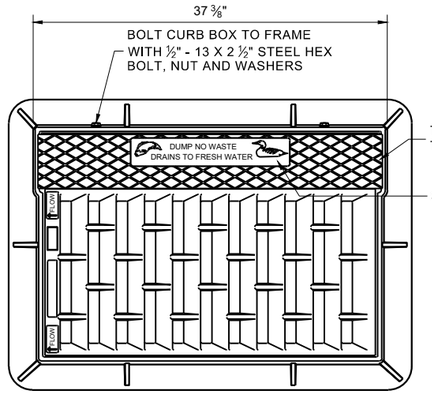
Standard Detail Drawing List

08A05-21A	INLET COVERS TYPE A, H, A-S, H-S & Z
08A05-21C	INLET COVERS TYPE F, HM, HM-S, S, T, HM-GJ & HM-GJ-S
08A05-21D	INLET COVERS TYPE V, V-B, & VV-B
08B09-04	MANHOLES 3-FT, 4-FT, 5-FT, 6-FT, 7-FT, 8-FT, 9-FT, 10-FT DIAMETER
08C07-03	INLETS 2X2-FT, 2X2.5-FT, 2X3-FT, 2.5X3-FT & 2X3.5-FT
08D01-23A	CONCRETE CURB & GUTTER
08D01-23B	CONCRETE CURB, TIES AND CURB AND GUTTER APPLICATIONS
08D05-21A	CURB RAMPS TYPES 1 AND 1-A
08D05-21B	CURB RAMPS TYPES 2 AND 3
08D05-21C	CURB RAMPS TYPES 4A AND 4A1
08D05-21D	CURB RAMPS TYPE 4B AND 4B1
08D05-21E	CURB RAMPS TYPES 5, 6, 7A, 7B & 8
08D05-21F	CURB RAMPS RADIAL DETECTABLE WARNING FIELD APPLICATIONS
08D05-21G	CURB RAMPS RECTANGULAR AND RADIAL DETECTABLE WARNING PLATES
08D16-11	CONCRETE GUTTER, CURB AND GUTTER AND PAVEMENT TIES
08E10-02	INLET PROTECTION TYPE A, B, C AND D
09B02-10	CONDUIT
09B04-12	PULL BOX
09C02-09	CONCRETE BASES, TYPES 1, 2, 5, & 6
09C03-04	TRANSFORMER/PEDESTAL BASES
09E06-05	TRAFFIC SIGNAL STANDARD POLY BRACKET MOUNTINGS (TYPICAL) 13 FT. OR 15 FT.
09E07-06	TRAFFIC SIGNAL STANDARD PEDESTRIAN AND FLASHER TYPICAL MOUNTING DETAILS
09F15-04A	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 1)
09F15-04B	LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)
11B02-02	CONCRETE MEDIAN NOSE
13C01-19	CONCRETE PAVEMENT LONGITUDINAL JOINTS AND TIES
13C09-17A	CONCRETE PAVEMENT REPAIR AND REPLACEMENT
13C09-17B	CONCRETE PAVEMENT REPAIR AND REPLACEMENT
13C09-17C	CONCRETE PAVEMENT REPAIR AND REPLACEMENT
13C14-07A	BASE PATCHING CONCRETE
13C14-07B	BASE PATCHING CONCRETE
13C14-07C	BASE PATCHING CONCRETE
13C19-03	HMA LONGITUDINAL JOINTS
14B42-07A	MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL
14B42-07B	MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL
14B42-07C	MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL
14B42-07D	MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL
14B47-05A	MIDWEST GUARDRAIL SYSTEM (MGS) TYPE 2 TERMINAL
14B47-05B	MIDWEST GUARDRAIL SYSTEM (MGS) TYPE 2 TERMINAL
14B47-05C	MIDWEST GUARDRAIL SYSTEM (MGS) TYPE 2 TERMINAL
14B47-05D	MIDWEST GUARDRAIL SYSTEM (MGS) TYPE 2 TERMINAL
14B47-05E	MIDWEST GUARDRAIL SYSTEM (MGS) TYPE 2 TERMINAL
14B47-05F	MIDWEST GUARDRAIL SYSTEM (MGS) TYPE 2 TERMINAL
14B47-05G	MIDWEST GUARDRAIL SYSTEM (MGS) TYPE 2 TERMINAL
15C02-09A	BARRICADES AND SIGNS FOR MAINLINE CLOSURES
15C02-09B	BARRICADES AND SIGNS FOR VARIOUS CLOSURES
15C07-15B	PAVEMENT MARKING WORDS
15C07-15C	PAVEMENT MARKING ARROWS
15C08-23A	PERMANENT LONGITUDINAL PAVEMENT MARKINGS
15C08-23D	PAVEMENT MARKING (TURN LANES)
15C11-10A	CHANNELIZING DEVICES FLEXIBLE TUBULAR MARKER POST
15C11-10B	CHANNELIZING DEVICES DRUMS, CONES, BARRICADES AND VERTICAL PANELS
15C12-09A	TRAFFIC CONTROL FOR LANE CLOSURE WITH FLAGGING OPERATION
15C18-09B	PAVEMENT MARKINGS, MEDIAN ISLAND NOSE
15C18-09C	MEDIAN PAVEMENT MARKINGS DOUBLE ARROW WARNING SIGN PLACEMENT
15C33-05	STOP LINE AND CROSSWALK PAVEMENT MARKING
15D20-08A	TRAFFIC CONTROL, SINGLE LANE CLOSURE, DIVIDED NON-FREEWAY/EXPRESSWAY
15D21-07A	TRAFFIC CONTROL, INTERSECTION WITHIN SINGLE LANE CLOSURE
15D21-07B	TRAFFIC CONTROL, INTERSECTION WITHIN SINGLE LANE CLOSURE
15D22-06	TRAFFIC CONTROL, TWO LANE CLOSURE, NON-FREEWAY/EXPRESSWAY
15D23-07A	TRAFFIC CONTROL, INTERSECTION WITHIN TWO LANE CLOSURE
15D23-07B	TRAFFIC CONTROL, INTERSECTION WITHIN TWO LANE CLOSURE
15D30-09A	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-09B	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-09C	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-09D	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-09E	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

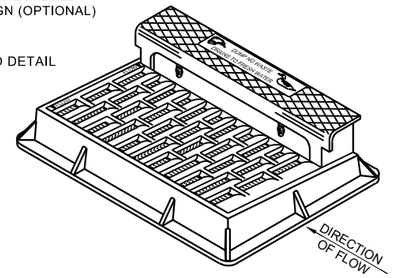
6

Standard Detail Drawing List

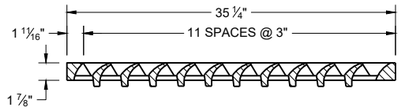
15D30-09F	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-09G	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-09H	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-09I	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-09J	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-09K	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-09L	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
16A01-07	LANDMARK REFERENCE MONUMENTS AND COVERS

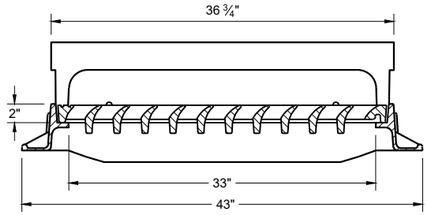


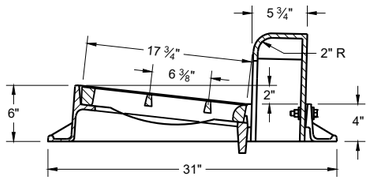
NOTE: EITHER CASTING IS ACCEPTABLE

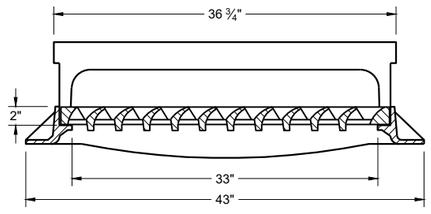


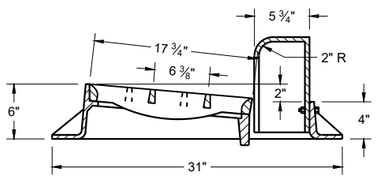
NOTE: CURB BOX HEIGHT ADJUSTABLE 6" - 9"







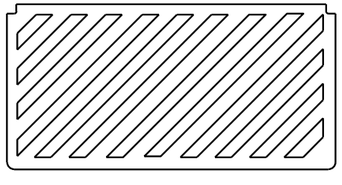




TYPE "H"

NOTE: EITHER CASTING IS ACCEPTABLE

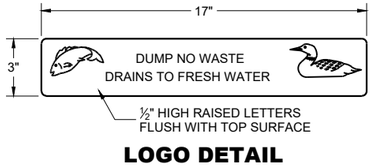
1 1/8" DIAGONAL BARS WITH 1 5/8" OPENINGS



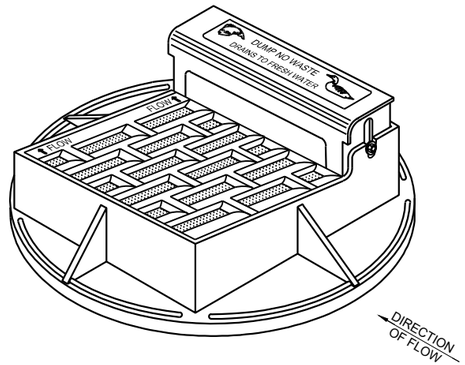
SPECIAL GRATE FOR TYPE "H" COVER

(MEASURES 35" X 17 3/4" X 2")

(NOTED AS TYPE H-S ON DRAINAGE TABLE)

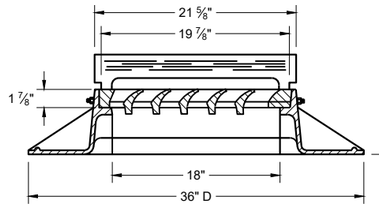


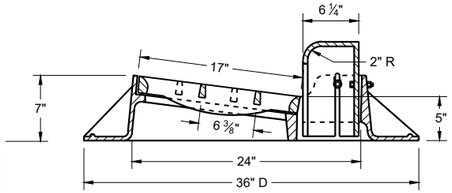
LOGO DETAIL



NOTE: CURB BOX HEIGHT ADJUSTABLE 6" - 9"

NOTE: EITHER CASTING IS ACCEPTABLE





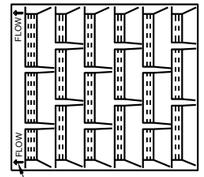
TYPE "A"

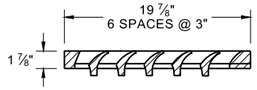
GENERAL NOTES

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.

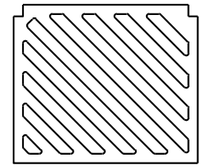
DETAIL DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR CATCH BASIN, MANHOLE AND INLET COVERS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.

ROUND FRAMES AND COVERS SHALL HAVE CONTINUOUSLY MACHINED BEARING SURFACES TO PREVENT ROCKING AND RATTLING.





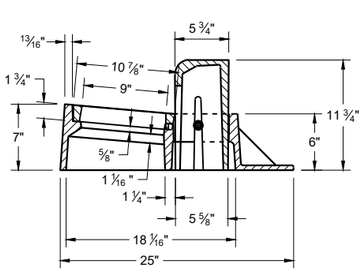
1" DIAGONAL BARS WITH 1 1/2" OPENINGS



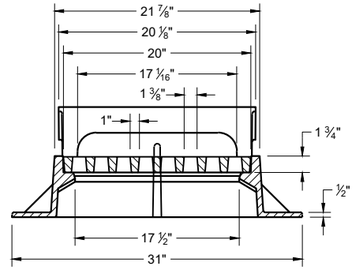
SPECIAL GRATE FOR TYPE "A" COVER

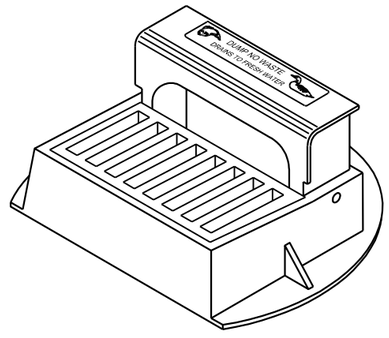
(MEASURES 19 3/4" X 17" X 1 7/8")

(NOTED AS TYPE A-S ON DRAINAGE TABLE)



TYPE "Z"





INLET COVERS
TYPES A, H, A-S, H-S AND Z

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
December 2023
DATE

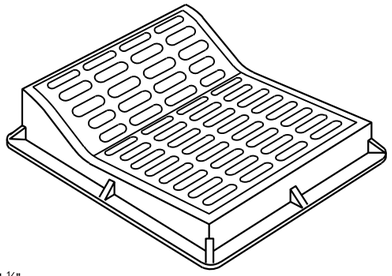
/S/ Rodney Taylor
ROADWAY STANDARDS DEVELOPMENT
UNIT SUPERVISOR

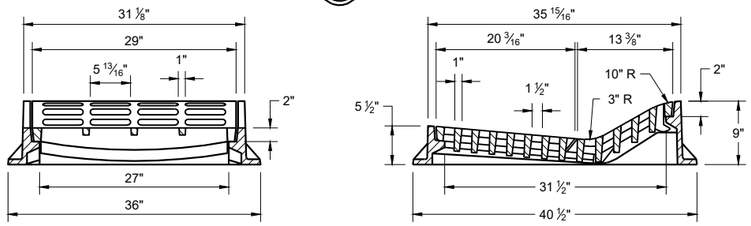
FHWA

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.

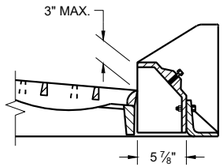
DETAIL DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR INLET COVERS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.





TYPE "F"

USE WITH TYPES "A" AND "D" CONCRETE CURB AND GUTTER, 36"

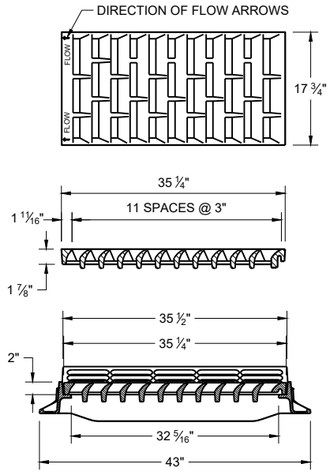


ALTERNATIVE CURB BOX FOR TYPE "HM" COVER

USE WITH TYPES "G" AND "J" CONCRETE CURB AND GUTTER, 30 INCH
NOTED AS TYP "HM-GJ" ON DRAINAGE TABLE

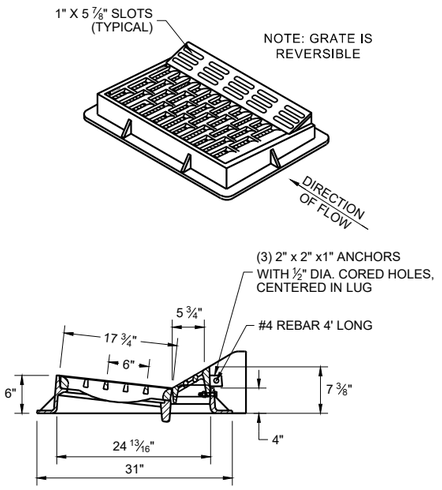
NOTE:
SPECIAL GRATE FOR THE TYPE "H" COVER MAY ALSO BE USED FOR THE TYPE "HM-GJ" COVER.

NOTED AS TYPE HM-GJ-S ON THE DRAINAGE TABLE.



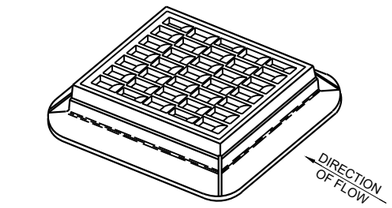
TYPE "HM"

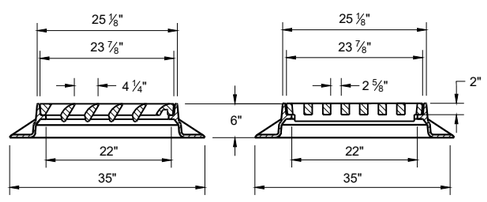
USE WITH TYPES "A" AND "D" CONCRETE CURB AND GUTTER, 36"



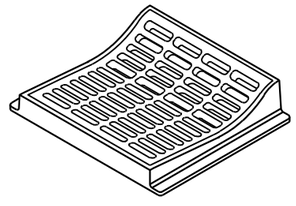
NOTE:
SPECIAL GRATE FOR THE TYPE "H" COVER MAY ALSO BE USED FOR THE TYPE "HM-GJ" COVER.

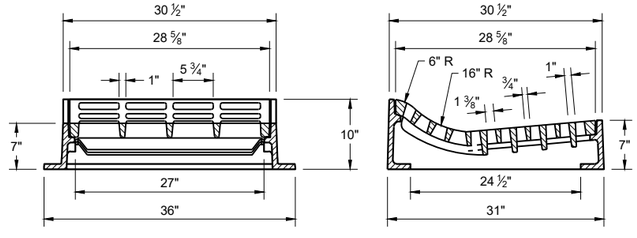
NOTED AS TYPE HM-GJ-S ON THE DRAINAGE TABLE.





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
December 2023 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS DEVELOPMENT UNIT SUPERVISOR

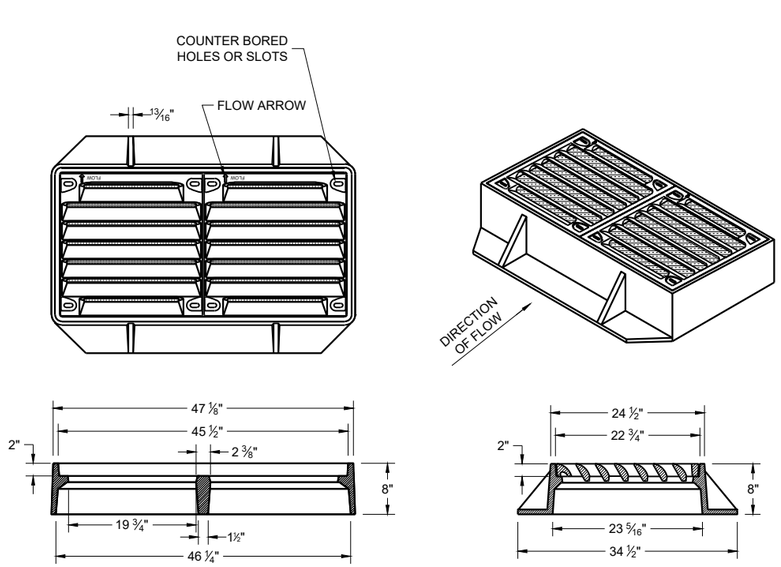
FHWA

6
SDD 08A05-21c

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.

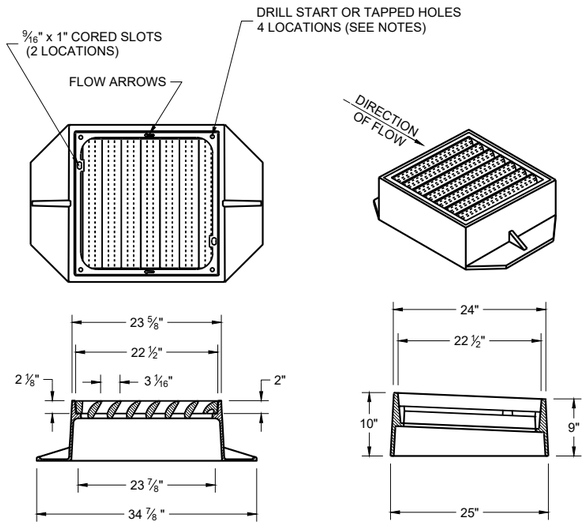
DETAIL DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR INLET COVERS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.



TYPE "VV-B"

NOTES: ALL HARDWARE TO BE SUPPLIED BY CASTING MANUFACTURER
ALL DRILLING AND TAPPING GRATES AND FRAMES BY CASTING MANUFACTURER

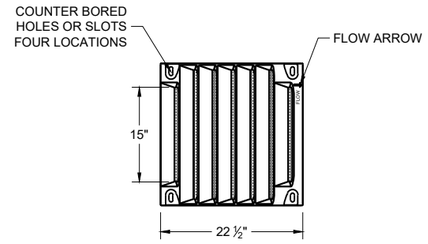
TYPE V
FRAME - CAST GRAY IRON ASTM A48 CLASS 35B
3/8" DIA. X 1/16" DRILL START IN 8 LOCATIONS
GRATE - CAST GRAY IRON ASTM A-48, CLASS 35B



TYPE "V"

NOTES: ALL HARDWARE TO BE SUPPLIED BY CASTING MANUFACTURER ALL DRILLING AND TAPPING GRATES AND FRAMES BY CASTING MANUFACTURER

TYPE V
FRAME - CAST GRAY IRON ASTM A48 CLASS 40A
3/8" DIA. X 1/16" DRILL START IN 4 LOCATIONS
GRATE - CAST GRAY IRON ASTM A-48, CLASS 35B



BOLT DOWN GRATE FOR TYPE "V" AND "VV-B" COVER

NOTES: ALL HARDWARE TO BE SUPPLIED BY CASTING MANUFACTURER NOTED AS TYPE "V-B" OR "VV-B" (FOR DOUBLE GRATE) ON DRAINAGE TABLE

TAP 1/2" -13 HOLES IN FOUR LOCATIONS PER GRATE IN FRAME TO BOLT GRATE(S).
FRAME - CAST GRAY IRON ASTM A48 CLASS 40A

GRATE - CAST DUCTILE IRON ASTM A536, 55+KSI YIELD
BOLTS - 1/2" -13 STAINLESS STEEL BOLTS WITH WASHERS
TORQUE BOLTS TO MANUFACTURER SPECIFICATION DO NOT OVERTIGHTEN.

INLET COVERS
TYPES V, V-B, AND VV-B

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
December 2023 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS DEVELOPMENT UNIT SUPERVISOR

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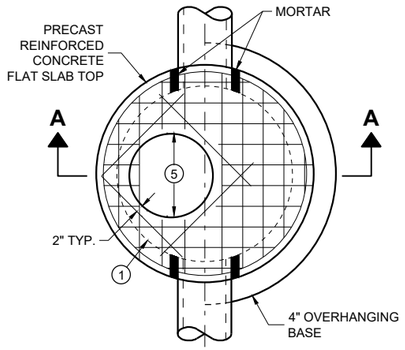
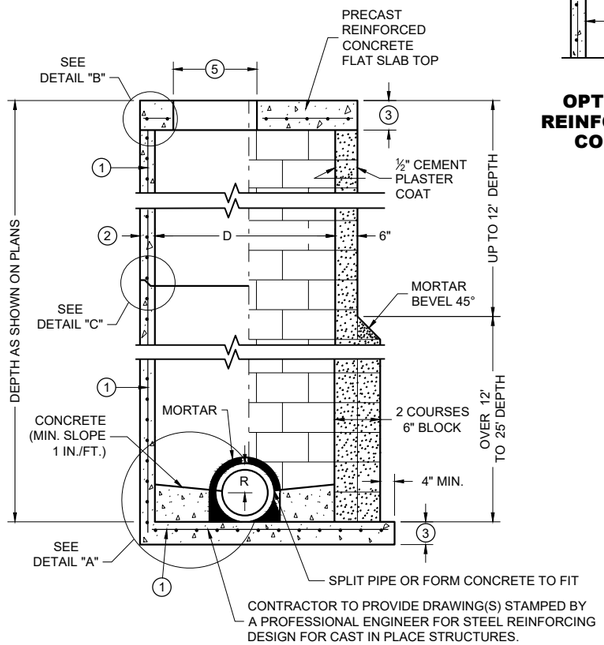
6

SDD 08A05-21d



PLAN VIEW

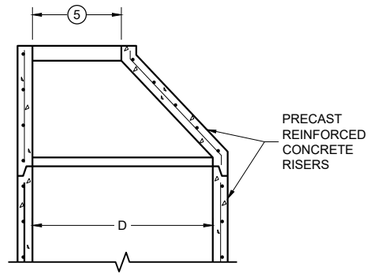
CIRCULAR OPENING



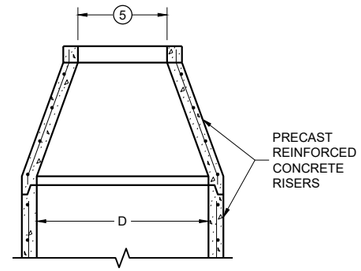
SECTION A - A

PRECAST REINFORCED CONCRETE WITH MONOLITHIC BASE

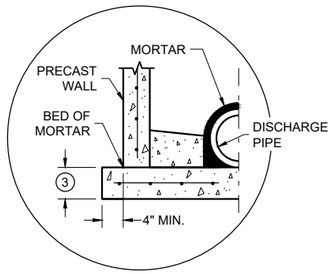
CONCRETE BLOCK WITH CAST IN PLACE OR PRECAST REINFORCED CONCRETE BASE (1)



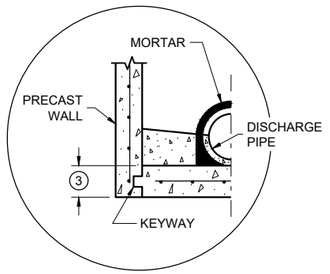
OPTIONAL PRECAST REINFORCED CONCRETE ECCENTRIC TOP



OPTIONAL PRECAST REINFORCED CONCRETE CONCENTRIC TOP

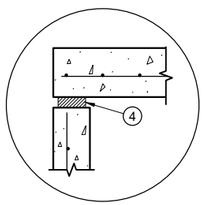


SEPARATE PRECAST REINFORCED CONCRETE BASE OPTION

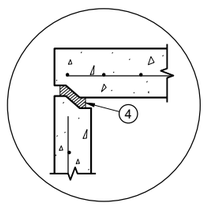


PRECAST REINFORCED CONCRETE WITH INTEGRAL BASE OPTION

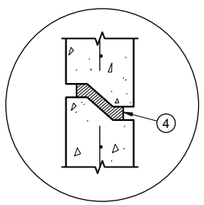
DETAIL "A"



TOP WITH PLAIN END JOINT



TOP WITH TONGUE AND GROOVE JOINT



RISER WITH TONGUE AND GROOVE JOINT

DETAIL "B"

DETAIL "C"

MANHOLE COVER OPENING MATRIX

OPENING SIZE (FT.) (5) \ MANHOLE COVER TYPE	C	ALL J'S	K	L	M
2 DIA.	X	X		X	
3 DIA.			X		X

PIPE MATRIX

MANHOLE SIZE (DIA.)	MAXIMUM INSIDE PIPE DIAMETER FOR TWO PIPES		MINIMUM WALL THICKNESS (IN)	MINIMUM PRECAST FLAT SLAB TOP AND BASE THICKNESS
	180° SEPARATION (IN)	90° SEPARATION (IN)		
3-FT	15	12	4	6
4-FT	24	18	4	6
5-FT	36	24	5	8
6-FT	42	36	6	8
7-FT	48	36/42 *	7	8
8-FT	60	42	8	8
9-FT	66	54	9	10
10-FT	72	60	10	10

*A 36" PIPE AND A 42" PIPE CAN BE PLACED WITHIN 90 DEGREES. SEE MINIMUM HORIZONTAL PIPE SEPARATION DETAIL.

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.

UNLESS OTHERWISE AUTHORIZED IN WRITING BY THE ENGINEER, THE CONTRACTOR SHALL NOT ORDER AND DELIVER PRECAST MANHOLE UNITS REQUIRED FOR THE PROJECT UNTIL A LIST OF SIZES IS FURNISHED BY THE ENGINEER.

DETAILED DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR UNDERGROUND DRAINAGE STRUCTURES SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.

ALL DRAINAGE STRUCTURES ARE DESIGNATED ON THE PLANS AS "MANHOLES 3X3-L", "CATCH BASINS 4-B", "INLETS 2X3-H", ETC. THE FIRST NUMBERS DESIGNATE THE SIZE OF THE STRUCTURE, AND THE FOLLOWING LETTER DESIGNATES THE TYPE OF COVER TO BE USED TO COMPRISE THE COMPLETE UNIT.

BASES SHALL BE PLACED ON A BED OF MATERIAL AT LEAST 6 INCHES IN DEPTH, WHICH MEETS THE REQUIREMENTS OF FOUNDATION BACKFILL. THIS BEDDING SHALL BE COMPACTED AND PROVIDE UNIFORM SUPPORT FOR THE ENTIRE AREA OF THE BASE.

PRECAST REINFORCED CONCRETE CONE TOPS (ECCENTRIC OR CONCENTRIC) OR PRECAST REINFORCED CONCRETE FLAT SLAB TOPS MAY BE USED ON CONCRETE BLOCK STRUCTURES.

ECCENTRIC CONE TOPS MAY BE USED ON ALL STRUCTURES. CONCENTRIC CONE TOPS SHALL BE USED ONLY ON STRUCTURES 5 FEET OR LESS IN DEPTH UNLESS OTHERWISE DIRECTED BY THE ENGINEER.

STEPS MEETING AASHTO M199 AND THE FOLLOWING REQUIREMENTS SHALL BE INSTALLED IN ALL STRUCTURES OVER 5 FEET IN DEPTH: 16 INCH C-C MAXIMUM SPACING; PROJECT A MINIMUM CLEAR DISTANCE OF 4 INCHES FROM THE WALL AT THE POINT OF EMBEDMENT; MINIMUM LENGTH OF 10 INCHES; MINIMUM WALL EMBEDMENT OF 3 INCHES. FERROUS METAL STEPS NOT PAINTED OR TREATED TO RESIST CORROSION SHALL HAVE A MINIMUM CROSS SECTIONAL IMENSION OF 1 INCH.

STEPS OF APPROVED POLYPROPYLENE PLASTIC COATED REINFORCEMENT BAR ARE ACCEPTABLE. REINFORCING BAR MUST BE A MINIMUM OF ½ INCH AND MEET THE REQUIREMENTS OF ASTM A615.

CERTIFICATION SHALL BE PROVIDED THAT INSTALLED STEPS WHEN TESTED IN ACCORDANCE WITH SECTION 10 OF AASHTO T280 CAN WITHSTAND A VERTICAL LOAD OF 800 LBS. AND A HORIZONTAL LOAD OF 400 LBS.

ALL BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 2 INCHES CLEAR UNLESS OTHERWISE SHOWN OR NOTED.

ALL PRECAST MANHOLE UNITS SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF AASHTO DESIGNATION M199.

PRECAST REINFORCED RISERS SHALL HAVE A TONGUE AND GROOVE JOINT WITH TONGUE UP OR DOWN.

CONCRETE BLOCK WILL NOT BE PERMITTED FOR STRUCTURES GREATER THAN 4 FEET IN DIAMETER.

4" OVERHANGING BASES ARE REQUIRED FOR ALL CONCRETE BLOCK INSTALLATIONS. 4" OVERHANG IS REQUIRED WHEN SEPARATE PRECAST BASE IS PROVIDED. OVERHANG IS NOT REQUIRED ON PRECAST STRUCTURES WITH AN INTEGRAL OR MONOLITHIC BASE.

FOR ADDITIONAL CONFIGURATIONS, MAINTAIN A MINIMUM OF 12 INCHES AS MEASURED FROM THE INSIDE OF THE STRUCTURE WALL BETWEEN THE OUTSIDE PIPE WALLS OF ADJACENT PIPES. SEE DETAIL "D".

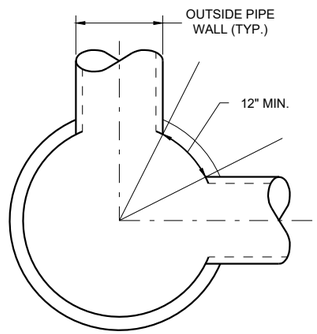
(1) FOR PRECAST MANHOLES AND REINFORCED CONCRETE BASES PROVIDE REINFORCING STEEL IN ACCORDANCE TO AASHTO M199.

(2) SEE PIPE MATRIX TABLE FOR MINIMUM WALL THICKNESS FOR PRECAST MANHOLES

(3) SEE PIPE MATRIX TABLE FOR MINIMUM THICKNESS OF PRECAST FLAT SLAB TOPS AND BASES.

(4) JOINTS TO BE SEALED WITH A BUTYL RUBBER SEAL PER SEALANT MANUFACTURERS RECOMMENDATIONS CONFORMING TO ASTM C 990 OR RUBBER GASKETS CONFORMING TO ASTM C443.

(5) SEE MANHOLE COVER OPENING MATRIX.



MINIMUM HORIZONTAL PIPE SEPARATION

DETAIL "D"

MANHOLES 3-FT, 4-FT, 5-FT, 6-FT, 7-FT, 8-FT, 9-FT AND 10-FT DIAMETER

MANHOLES, 3-FT, 4-FT 5-FT, 6-FT, 7-FT, 8-FT, 9-FT AND 10-FT DIAMETER

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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December 2023 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS DEVELOPMENT UNIT SUPERVISOR

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6

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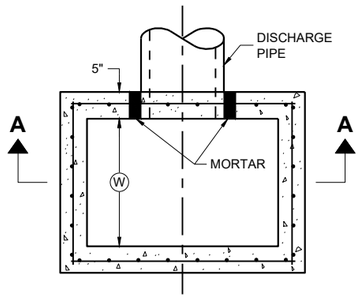
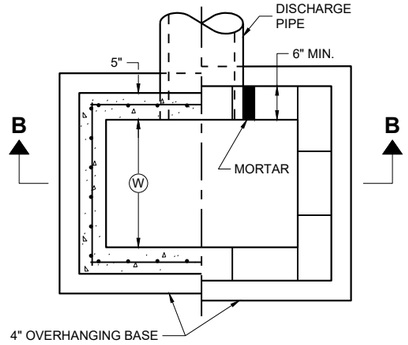
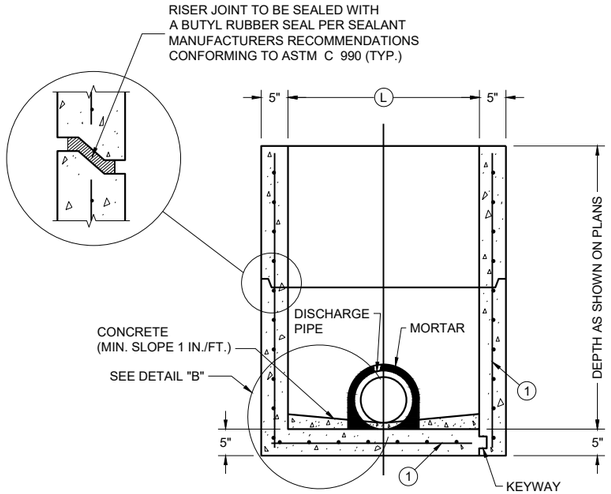


PLAN VIEW



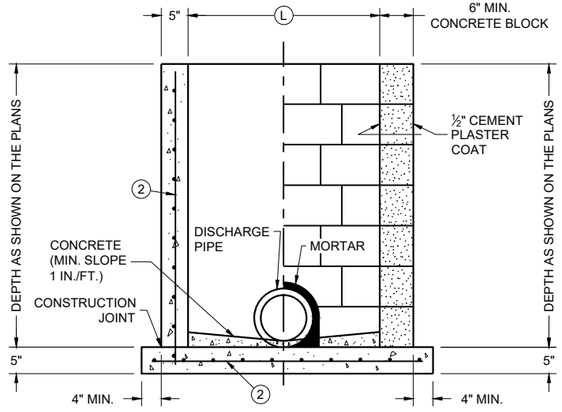
PLAN VIEW



PRECAST REINFORCED CONCRETE WITH MONOLITHIC BASE

PRECAST REINFORCED CONCRETE WITH INTEGRAL BASE

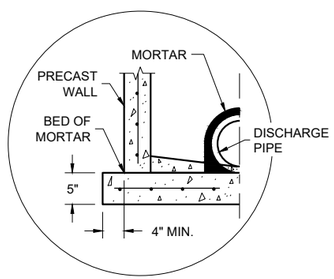
SECTION A - A



CAST IN PLACE REINFORCED CONCRETE

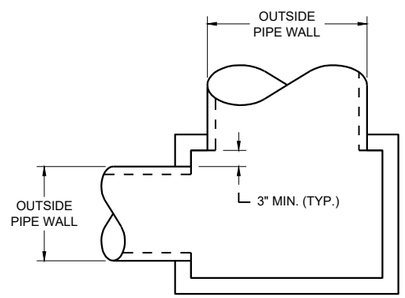
CONCRETE BLOCK WITH CAST IN PLACE OR PRECAST REINFORCED CONCRETE BASE (1)

SECTION B - B



SEPARATE PRECAST REINFORCED CONCRETE BASE OPTION

DETAIL "B"



DETAIL "A"

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP N0T SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

UNLESS OTHERWISE AUTHORIZED IN WRITING BY THE ENGINEER, THE CONTRACTOR SHALL NOT ORDER AND DELIVER PRECAST INLET UNITS REQUIRED FOR THE PROJECT UNTIL A LIST OF SIZES IS FURNISHED BY THE ENGINEER.

DETAILED DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR UNDERGROUND DRAINAGE STRUCTURES SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.

ALL PRECAST INLET UNITS SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF ASTM C 913.

ALL DRAINAGE STRUCTURES ARE DESIGNATED ON THE PLANS AS "MANHOLES 3X3-L", "CATCH BASINS 4-B", "INLETS 2X3-H", ETC. THE FIRST NUMBERS DESIGNATES THE SIZE OF THE STRUCTURE, AND THE FOLLOWING LETTER DESIGNATES THE TYPE OF COVER TO BE USED TO COMPRISE THE COMPLETE UNIT.

BASES SHALL BE PLACED ON A BED OF MATERIAL AT LEAST 6 INCHES IN DEPTH, WHICH MEETS THE REQUIREMENTS OF FOUNDATION BACKFILL. THIS BEDDING SHALL BE COMPACTED AND PROVIDE UNIFORM SUPPORT FOR THE ENTIRE AREA OF THE BASE.

ALL BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 2 INCHES CLEAR UNLESS OTHERWISE SHOWN OR NOTED.

PRECAST REINFORCED RISERS SHALL HAVE A TONGUE AND GROOVE JOINT WITH TONGUE UP OR DOWN.

4" OVERHANGING BASES ARE REQUIRED FOR CAST-IN-PLACE REINFORCED CONCRETE AND CONCRETE BLOCK INSTALLATIONS. 4" OVERHANG IS REQUIRED WHEN SEPARATE PRECAST BASE IS PROVIDED. OVERHANG IS NOT REQUIRED ON PRECAST STRUCTURES WITH AN INTEGRAL OR MONOLITHIC BASE.

MAXIMUM INSIDE PIPE DIAMETER DETERMINED BY 3" CLEARANCE ON EACH SIDE OF THE OUTSIDE WALL OF THE PIPE. SEE DETAIL "A". ASSUMES PIPE ENTERS PERPENDICULAR TO THE STRUCTURE.

(1) FOR PRECAST INLETS AND REINFORCED CONCRETE BASES PROVIDE REINFORCING STEEL IN ACCORDANCE TO ASTM C 913
(2) CONTRACTOR TO PROVIDE DRAWING(S) STAMPED BY A PROFESSIONAL ENGINEER FOR STEEL REINFORCING DESIGN FOR CAST-IN-PLACE STRUCTURES.

CATCH BASIN COVER MATRIX

INLET SIZE	WIDTH (W) (FT.)	LENGTH (L) (FT.)	INLET COVER TYPE									
			ALL A'S	ALL B'S	BW	F	ALL H'S	S	T	V	WM	V V-B
2 X 2-FT	2	2	X	X				X				
2 X 2.5-FT	2	2.5			X			X	X	X	X	
2 X 3-FT	2	3					X					
2.5 X 3-FT	2.5	3				X						
2 X 3.5-FT	2	3.5										X

PIPE MATRIX

CATCH BASIN SIZE	MAXIMUM INSIDE PIPE DIAMETER FOR TWO PIPES	
	WIDTH (IN)	LENGTH (IN)
2 X 2-FT	12	12
2 X 2.5-FT	12	18
2 X 3-FT	12	24
2.5 X 3-FT	18	24
2 X 3.5-FT	12	30

INLETS 2 X 2-FT, 2 X 2.5-FT, 2 X 3-FT, 2.5 X 3-FT AND 2X3.5-FT

INLETS 2 X 2-FT, 2 X 2.5-FT, 2 X 3-FT, 2.5 X 3-FT AND 2 X 3.5-FT

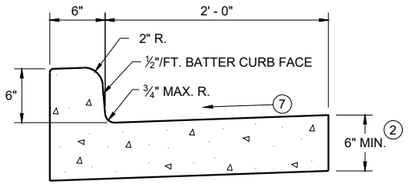
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
December 2023
DATE

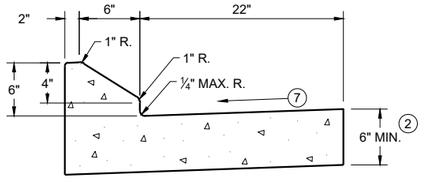
/S/ Rodney Taylor
ROADWAY STANDARDS DEVELOPMENT UNIT SUPERVISOR

FHWA

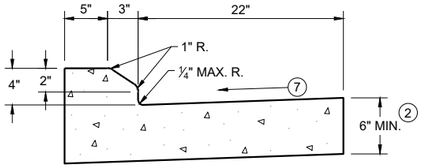
6
SDD 08C07-03



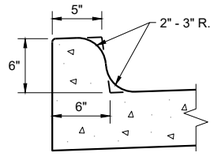
TYPES A (1) & D



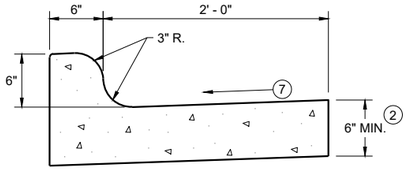
6" SLOPED CURB TYPES G (1) & J



4" SLOPED CURB TYPES G (1) & J

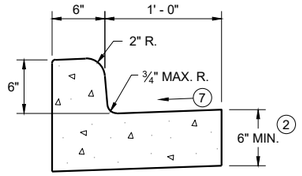


TYPES K (1) & L
(OPTIONAL CURB SHAPE)



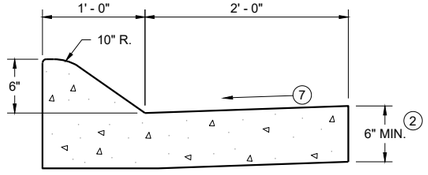
TYPES K (1) & L

CONCRETE CURB AND GUTTER 30"

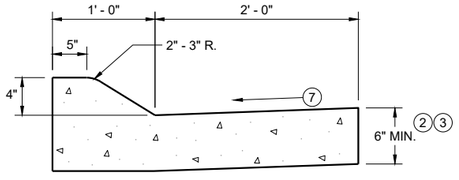


TYPES A (1) & D

CONCRETE CURB AND GUTTER 18"

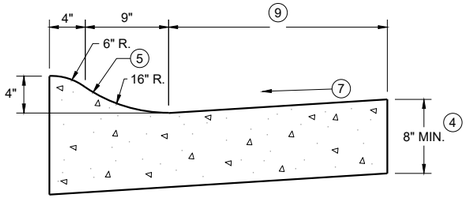


6" SLOPED CURB TYPES A (1) & D



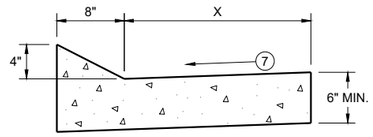
4" SLOPED CURB TYPES A (1) & D

CONCRETE CURB AND GUTTER 36"



4" SLOPED CURB TYPES R (1) & T

TBT & TBTT	X
30"	22"
36"	28"

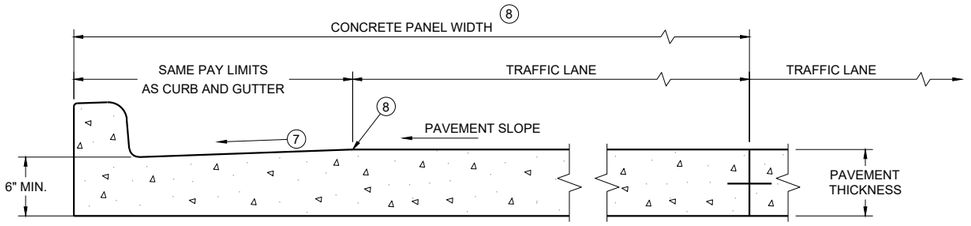


TYPES TBT & TBTT (1)

CONCRETE CURB AND GUTTER

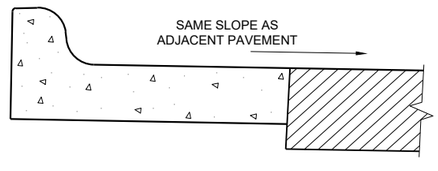
PAVEMENT THICKNESS AND MAXIMUM CONCRETE PANEL WIDTH TABLE

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.

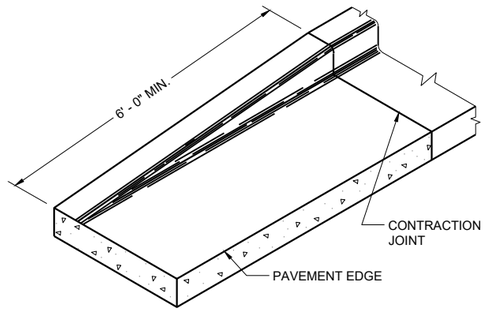
(9) CONCRETE CURB AND GUTTER 4-INCH SLOPED 30-INCH TYPE "R" AND "T" = 17 INCHES
CONCRETE CURB AND GUTTER 4-INCH SLOPED 36-INCH TYPE "R" AND "T" = 23 INCHES

CONCRETE CURB AND GUTTER

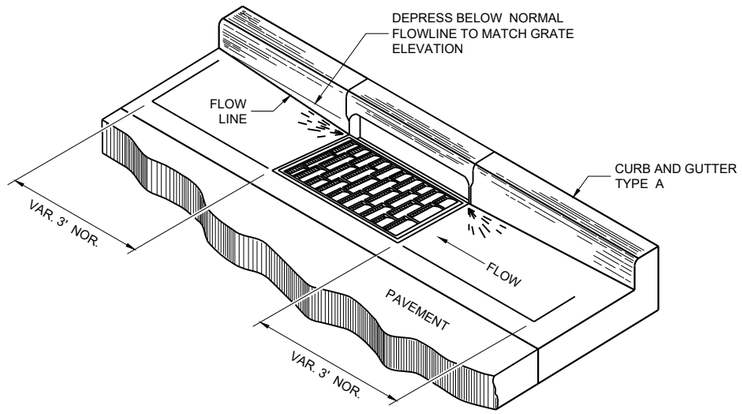
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

SDD 08D01-23a

6



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.

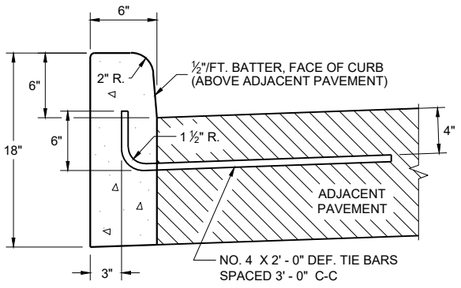
UNLESS OTHERWISE SHOWN ON THE TYPICAL CROSS SECTIONS, THE BASE AGGREGATE AND COMMON EXCAVATION LIMITS ARE 2' - 0" BEHIND THE BACK OF CURBS.

(1) TIE BARS ARE REQUIRED FOR CURB AND GUTTERS TYPES A, G, K, R, AND TBTT.

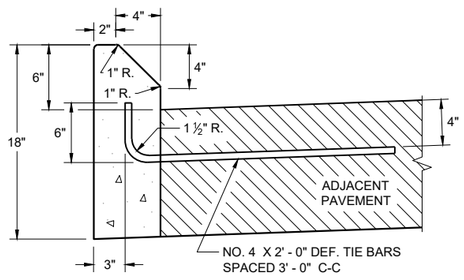
(2) THE BOTTOM OF CURB AND GUTTER MAY BE CONSTRUCTED EITHER LEVEL OR PARALLEL TO THE SLOPE OF THE SUBGRADE OR BASE AGGREGATE PROVIDED A 6" MINIMUM GUTTER THICKNESS IS MAINTAINED.

(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.

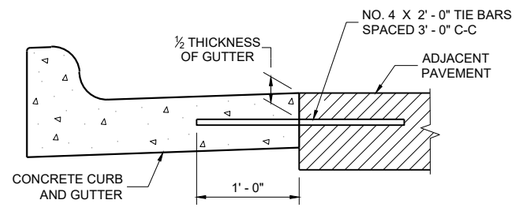


TYPES A (1) & D

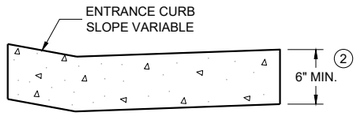


TYPES G (1) & J

CONCRETE CURB

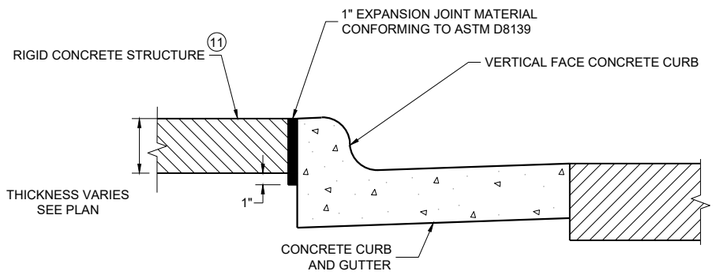


TYPICAL TIE BAR LOCATION (1)

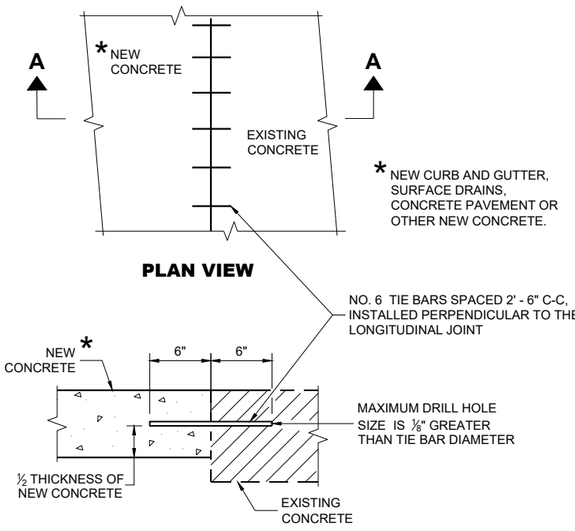


DRIVEWAY ENTRANCE CURB (10)

(WHEN DIRECTED BY THE ENGINEER)



EXPANSION JOINT DETAIL FOR VERTICAL CURB ABUTTING A RIGID STRUCTURE (11)



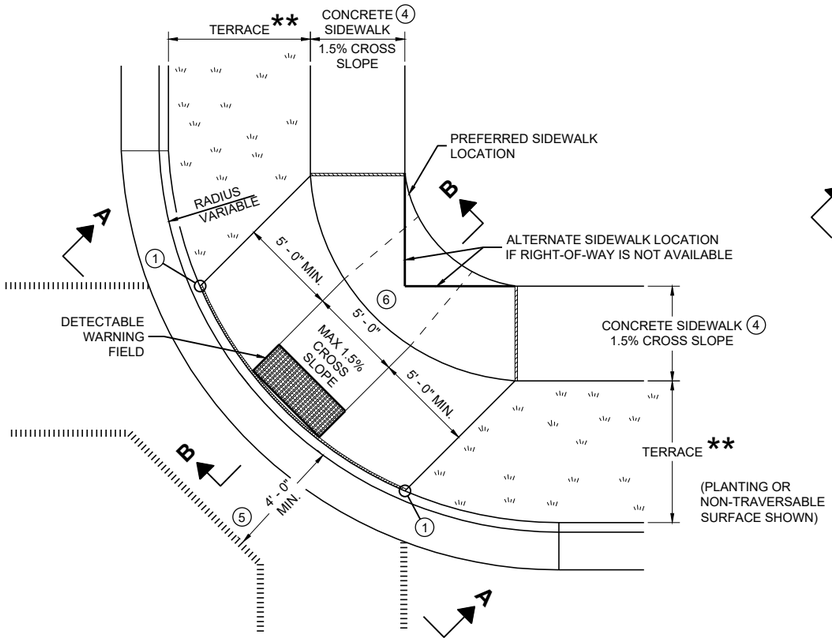
TIE BARS DRILLED INTO EXISTING PAVEMENT

CONCRETE CURB, TIES AND CURB AND GUTTER APPLICATIONS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2023 — DATE
/S/ Rodnery Taylor — ROADWAY STANDARDS DEVELOPMENT UNIT SUPERVISOR

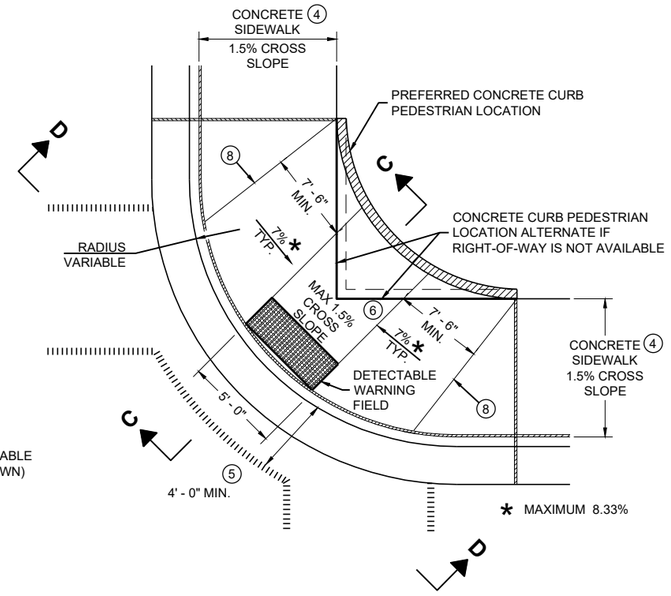
FHWA



PLAN VIEW

CURB RAMP TYPE 1

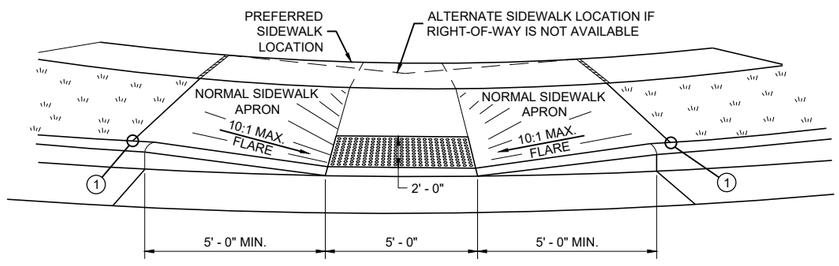
(CENTER OF CORNER RADIUS)



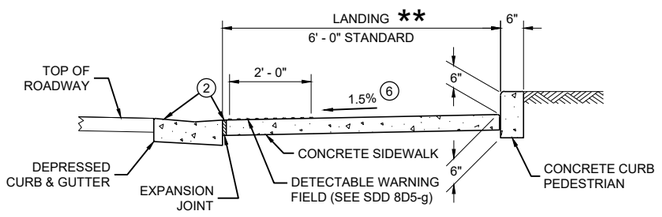
PLAN VIEW

CURB RAMP TYPE 1 - A

(NO TERRACE)

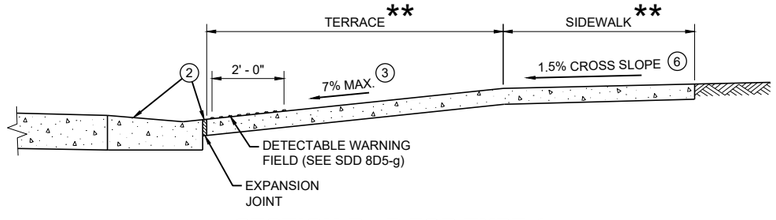


VIEW A - A FOR TYPE 1

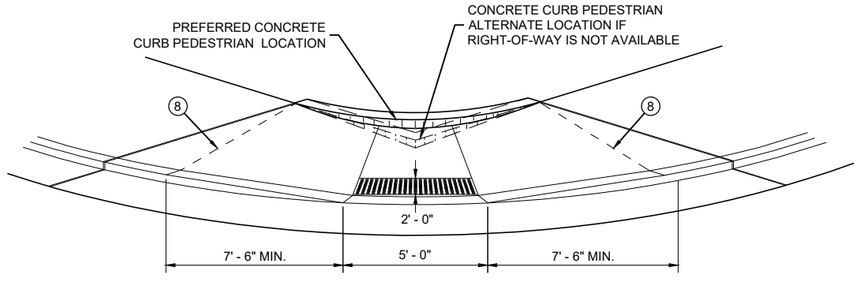


SECTION C - C FOR TYPE 1 - A

** WIDTH SHOWN ELSEWHERE IN THE PLANS



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 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 RAMP.

TYPE 1 CURB RAMPS SHALL HAVE A NORMAL SIDEWALK APRON AND CURB ON BOTH SIDES OF 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 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 FLAG SLOPE AND THE CURB RAMP SLOPE SHALL NOT EXCEED 11%. MAXIMUM GUTTER FLAG SLOPE IS 4%. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES GREATER THAN ¼ - INCH ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5% AND NOT TO EXCEED 7%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.

(3) MAXIMUM 8.33% CURB RAMP SLOPE IS ALLOWABLE WITH FLATTENED GUTTER FLAG SLOPE AND NOT TO EXCEED 11% GRADE CHANGE.

(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

(5) PROVIDE A LEVEL LANDING IN THE STREET AND GUTTER AREA (2% MAXIMUM SLOPE IN ANY DIRECTION). WHEN THE GUTTER SLOPE EXCEEDS 2%, CONSTRUCT THE LEVEL LANDING IN THE STREET AREA. 4 FOOT WIDTH IS MEASURED FROM THE FLANGE LINE

(6) PROVIDE A LEVEL LANDING (MAXIMUM 2% SLOPE) IN ANY DIRECTION OF PEDESTRIAN TRAVEL. STANDARD LEVEL LANDING SIZE IS 5 FEET BY 5 FEET.

(8) PROVIDE GRADE BREAK PERPENDICULAR TO DIRECTION OF WHEELCHAIR TRAVEL.

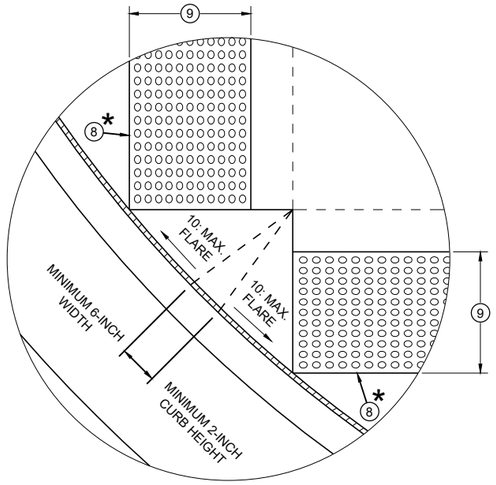
LEGEND

- ½" EXPANSION JOINT SIDEWALK
- CONTRACTION JOINT FIELD LOCATED
- PAVEMENT MARKING CROSSWALK (WHITE)

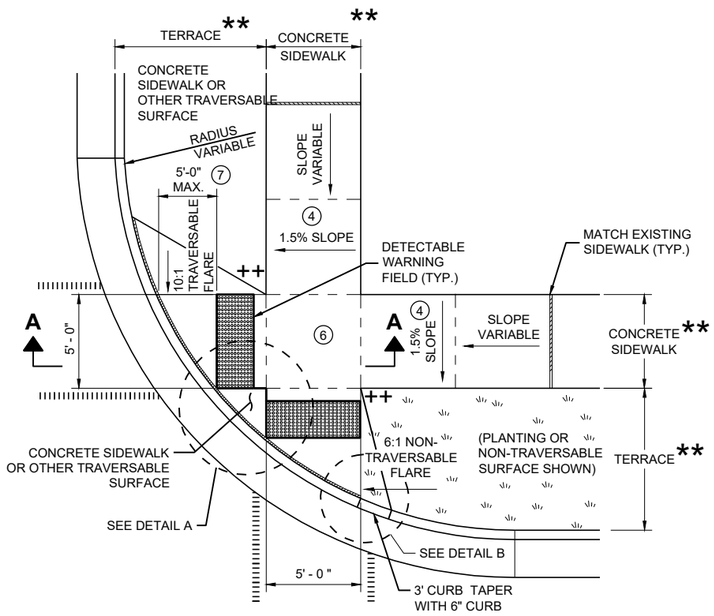
CURB RAMPS TYPE 1 AND 1-A

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

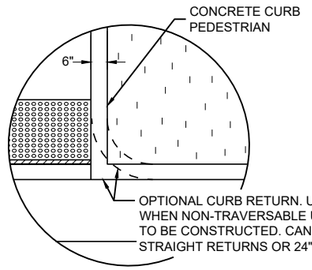
6
SDD 08D05-21a



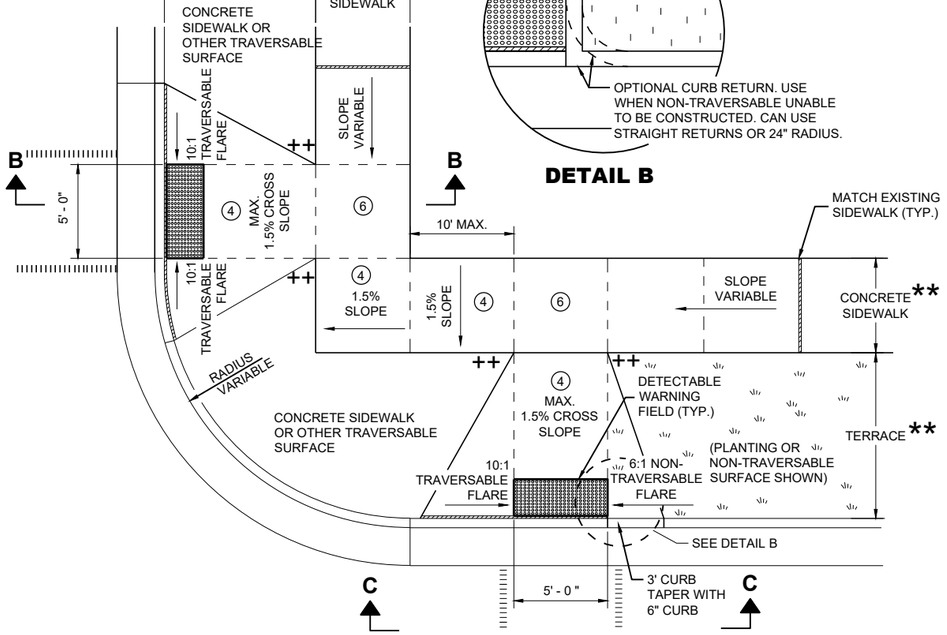
DETAIL A



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 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 FLAG SLOPE AND THE CURB RAMP SLOPE SHALL NOT EXCEED 11%. MAXIMUM GUTTER FLAG SLOPE IS 4%. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES GREATER THAN ¼ - INCH ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5% AND NOT TO EXCEED 7%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.

(3) AN 8.33% CURB RAMP SLOPE IS ALLOWABLE WITH FLATTENED GUTTER FLAG SLOPE (2.67% OR LESS) AND NOT TO EXCEED 11% GRADE CHANGE.

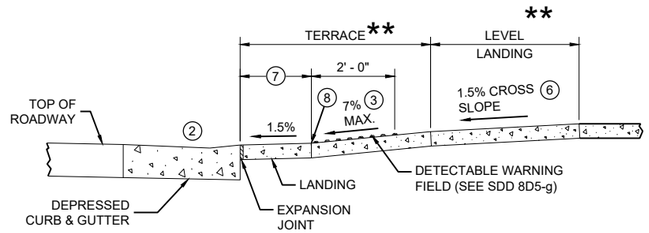
(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

(6) PROVIDE A LEVEL LANDING (MAXIMUM 2% SLOPE) IN ANY DIRECTION OF PEDESTRIAN TRAVEL. STANDARD LEVEL LANDING SIZE IS 5 FEET X 5 FEET.

(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% SLOPE OR FLATTER ALONG THE RAMP. REDUCE CURB HEIGHT IN TRIANGLE AREA TO ACHIEVE 7% SLOPE OR FLATTER ON RAMP. CONSTRUCT 2-INCH MINIMUM CURB HEIGHT BETWEEN 10:1 FLARES.

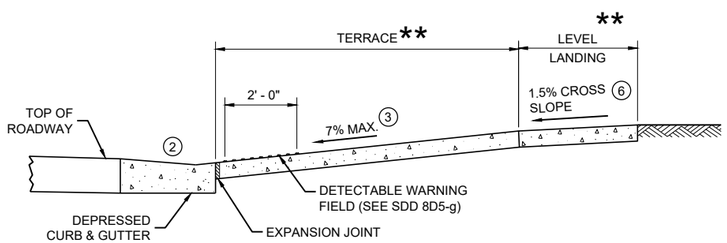


SECTION A - A FOR TYPE 2

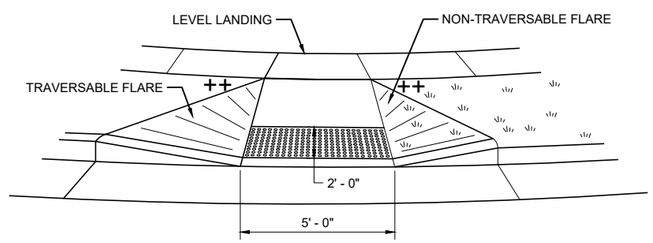
* MAXIMUM 2.0% SLOPE IN ALL DIRECTIONS IN FRONT OF GRADE BREAK

** WIDTH SHOWN ELSEWHERE IN THE PLANS

++ CONSTRUCT 6" WEDGE TO AVOID CONCRETE BREAKAGE



SECTION B - B FOR TYPE 3



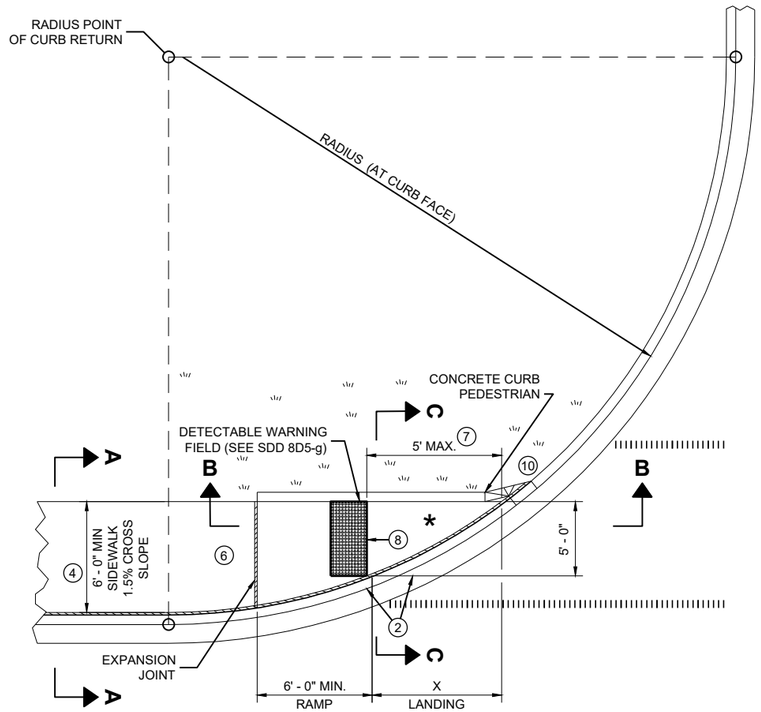
VIEW C - C FOR TYPE 3

LEGEND

- ½" EXPANSION JOINT SIDEWALK
- CONTRACTION JOINT SIDEWALK
- PAVEMENT MARKING CROSSWALK (WHITE)

CURB RAMPS TYPE 2 AND 3

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

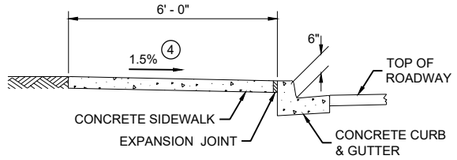


PLAN VIEW

CURB RAMP TYPE 4A

RADIUS (AT CURB FACE)	X
10 FEET	4' - 7"

INTERMEDIATE RADII CAN BE INTERPOLATED



SECTION A - A FOR TYPE 4A

GENERAL NOTES

AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF 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 FLAG SLOPE AND THE CURB RAMP SLOPE SHALL NOT EXCEED 11%. MAXIMUM GUTTER FLAG SLOPE IS 4%. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES GREATER THAN ¼ - INCH ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5% AND NOT TO EXCEED 7%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.

(3) AN 8.33% CURB RAMP SLOPE IS ALLOWABLE WITH FLATTENED GUTTER FLAG SLOPE AND NOT TO EXCEED 11% GRADE CHANGE.

(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

(6) PROVIDE A LEVEL LANDING (MAXIMUM 2% SLOPE) IN ANY DIRECTION OF PEDESTRIAN TRAVEL. STANDARD LEVEL LANDING SIZE IS 5 FEET BY 5 FEET.

(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.

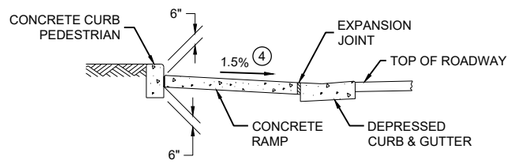
(10) INSTALL TRANSITION NOSE (INCIDENTAL TO OTHER PAY ITEMS). DO NOT MARK TRANSITION NOSE.

LEGEND

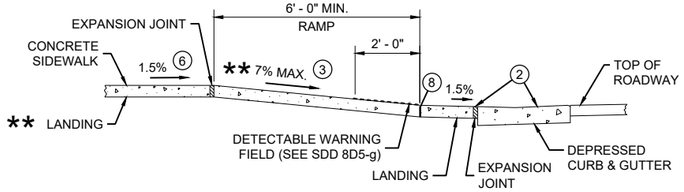
½" EXPANSION JOINT SIDEWALK

CONTRACTION JOINT SIDEWALK

PAVEMENT MARKING CROSSWALK (WHITE)

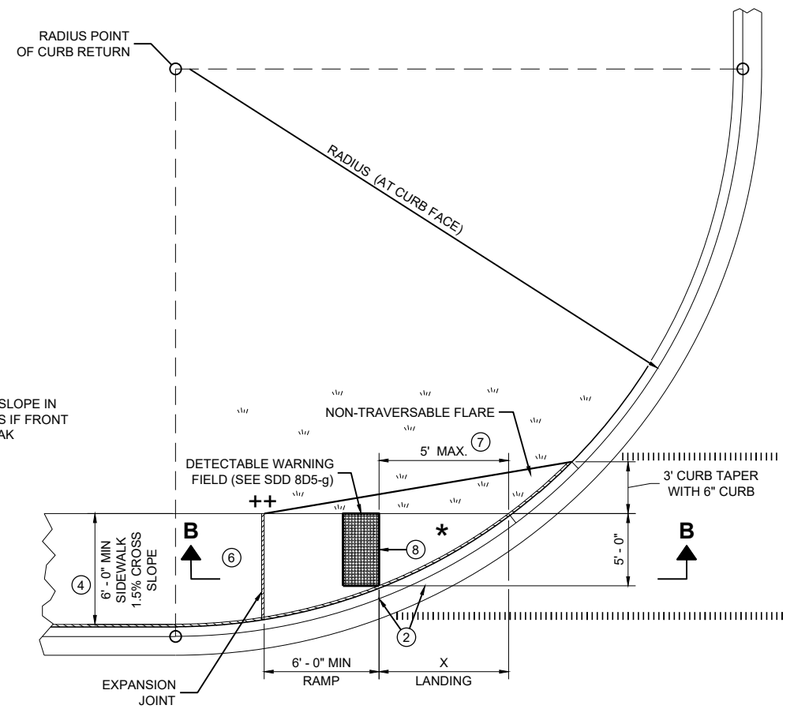


SECTION C - C FOR TYPE 4A



SECTION B - B FOR TYPE 4A AND TYPE 4A1

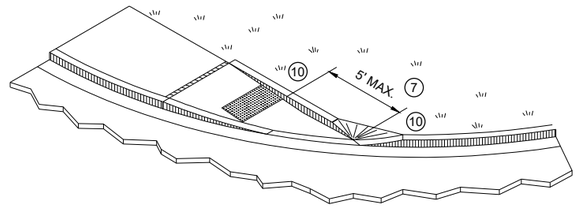
** IF RAMP SLOPE IS LESS THAN 5.0%, THEN NO ADJACENT UPHILL LANDING IS REQUIRED



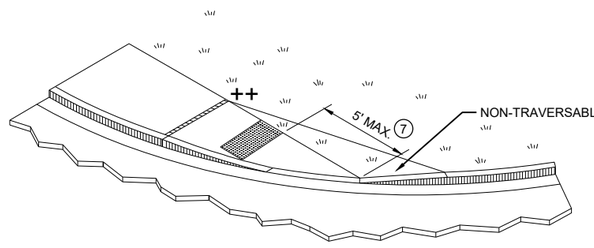
* MAXIMUM 2.0% SLOPE IN ALL DIRECTIONS IF FRONT OF GRADE BREAK

PLAN VIEW

CURB RAMP TYPE 4A1



ISOMETRIC VIEW FOR TYPE 4A

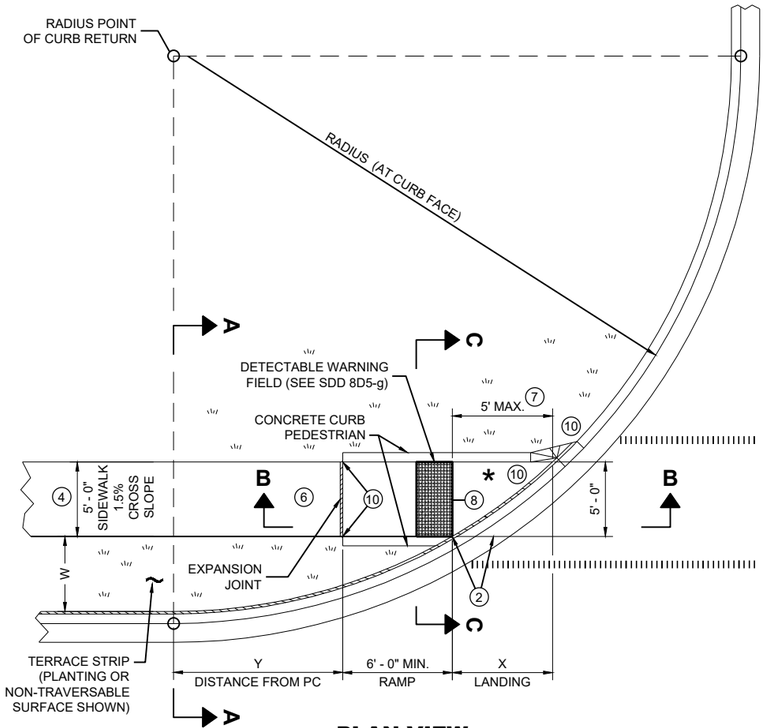


ISOMETRIC VIEW FOR TYPE 4A1

++ CONSTRUCT 6" WEDGE TO AVOID CONCRETE BREAKAGE

CURB RAMPS
TYPE 4A AND 4A1

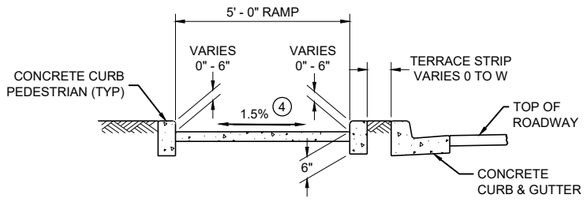
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



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 1/4"	0' - 5"	2' - 1"	1' - 4 1/2"	1' - 5"	2' - 1"	0' - 10"	2' - 7 1/2"	0' - 3 1/4"	3' - 0 1/4"						
15 FEET	4' - 6 3/4"	2' - 1 3/4"	3' - 9"	3' - 5 3/4"	3' - 1 1/4"	4' - 6"	2' - 6 3/4"	5' - 4 1/2"	2' - 1"	6' - 1"	1' - 8"	6' - 8 1/2"	1' - 3 1/4"	7' - 2 1/2"	0' - 10 3/4"	7' - 7 1/4"
20 FEET			4' - 11 1/2"	5' - 1 3/4"	4' - 3 1/4"	6' - 5 1/2"	3' - 8 3/4"	7' - 7"	3' - 3"	8' - 6 1/2"	2' - 10"	9' - 4 1/2"	2' - 5 1/2"	10' - 1 1/4"	2' - 1 1/4"	10' - 9"
30 FEET									4' - 10 3/4"	12' - 5 3/4"	4' - 5 1/2"	13' - 7 3/4"	4' - 0 3/4"	14' - 8 1/2"	3' - 8 1/2"	15' - 8 1/4"
40 FEET															4' - 10 3/4"	19' - 8 1/4"

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)

GENERAL NOTES

AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF 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 FLAG SLOPE AND THE CURB RAMP SLOPE SHALL NOT EXCEED 11%. MAXIMUM GUTTER FLAG SLOPE IS 4%. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES GREATER THAN ¼ - INCH ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5% AND NOT TO EXCEED 7%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.

(3) AN 8.33% CURB RAMP SLOPE IS ALLOWABLE WITH FLATTENED GUTTER FLAG SLOPE AND NOT TO EXCEED 11% GRADE CHANGE.

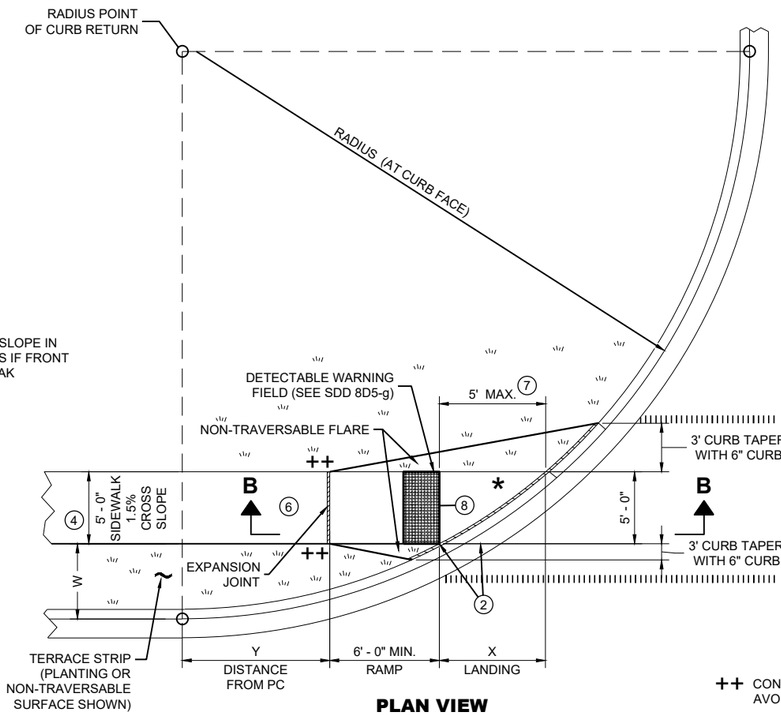
(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

(6) PROVIDE A LEVEL LANDING (MAXIMUM 2% SLOPE) IN ANY DIRECTION OF PEDESTRIAN TRAVEL. STANDARD LEVEL LANDING SIZE IS 5 FEET BY 5 FEET.

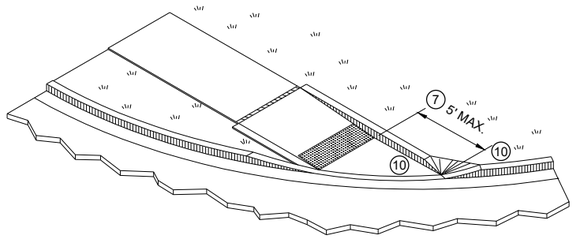
(7) WHEN THIS GRADE BREAK DISTANCE EXCEEDS 5 FEET, USE RADIAL DETECTABLE WARNING FIELD PER SDD 8D5-f.

(8) PROVIDE GRADE BREAK PERPENDICULAR TO DIRECTION OF WHEELCHAIR TRAVEL.

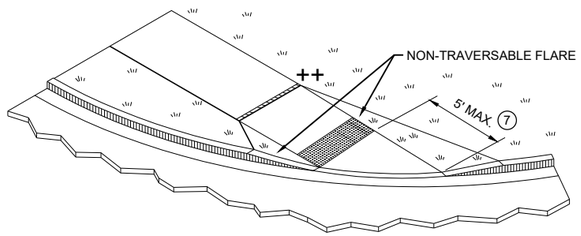
(10) INSTALL TRANSITION NOSE (INCIDENTAL TO OTHER PAY ITEMS). DO NOT MARK TRANSITION NOSE.



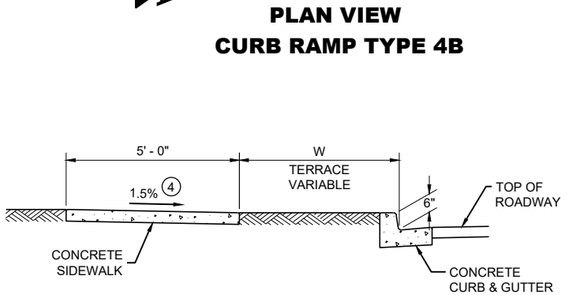
PLAN VIEW
CURB RAMP TYPE 4B1



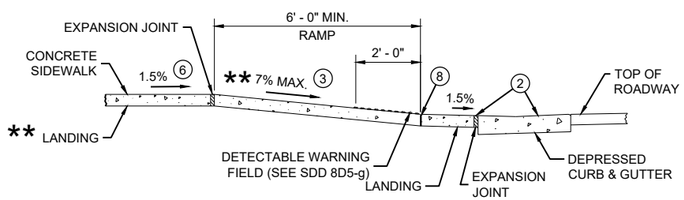
ISOMETRIC VIEW FOR TYPE 4B



ISOMETRIC VIEW FOR TYPE 4B1



SECTION A - A FOR TYPE 4B



SECTION B - B FOR TYPE 4B AND TYPE 4B1

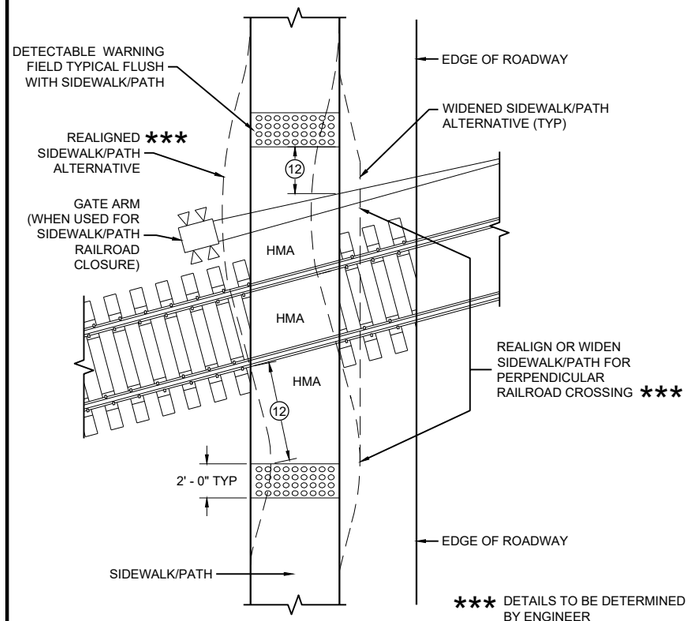
* MAXIMUM 2.0% SLOPE IN ALL DIRECTIONS IF FRONT OF GRADE BREAK

** IF RAMP SLOPE IS LESS THAN 5.0%, THEN NO ADJACENT UPHILL LANDING IS REQUIRED

++ CONSTRUCT 6" WEDGE TO AVOID CONCRETE BREAKAGE

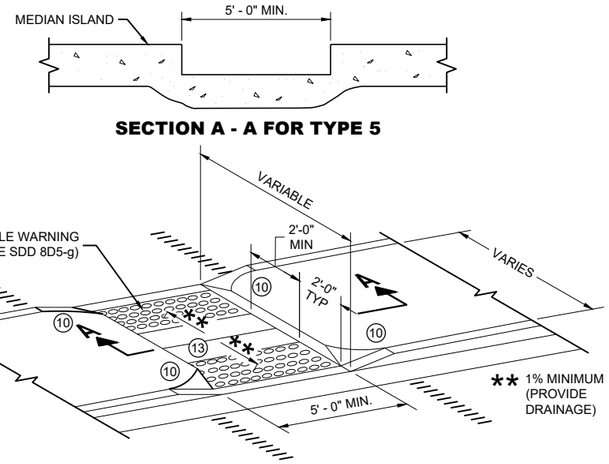
CURB RAMPS
TYPE 4B AND 4B1

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 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%.

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME MANUFACTURER.

(2) GRADE CHANGE BETWEEN GUTTER FLAG SLOPE AND THE CURB RAMP SLOPE SHALL NOT EXCEED 11%. MAXIMUM GUTTER FLAG SLOPE IS 4%. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES GREATER THAN ¼ - INCH ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5% AND NOT TO EXCEED 7%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.

(3) AN 8.33% CURB RAMP SLOPE IS ALLOWABLE WITH FLATTENED GUTTER FLAG SLOPE AND NOT TO EXCEED 11% GRADE CHANGE.

(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

(6) PROVIDE A LEVEL LANDING (MAXIMUM 2% SLOPE) IN ANY DIRECTION OF PEDESTRIAN TRAVEL. STANDARD LEVEL LANDING SIZE IS 5 FEET BY 5 FEET.

(10) INSTALL TRANSITION NOSE (INCIDENTAL TO OTHER PAY ITEMS). DO NOT MARK TRANSITION NOSE.

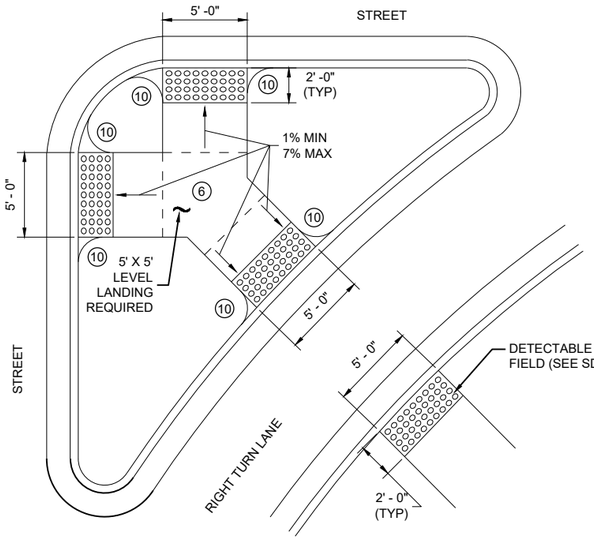
(11) SLOPE SIDEWALK TOWARD LANDING AS SHOWN WHERE THERE IS NO TERRACE OR WHERE THE TERRACE WIDTH IS LESS THAN 6 FEET WIDE.

(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.

LEGEND

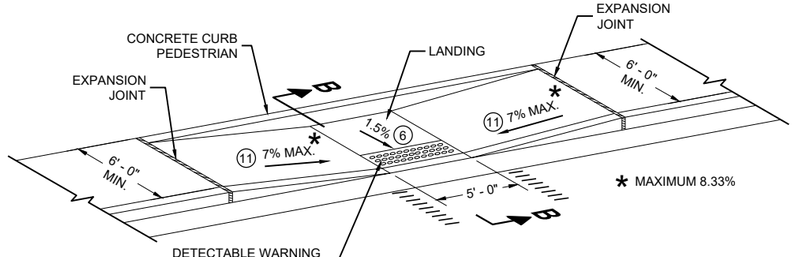
- ½" EXPANSION JOINT SIDEWALK
- CONTRACTION JOINT FIELD LOCATED
- PAVEMENT MARKING CROSSWALK (WHITE)



CURB RAMP TYPE 6

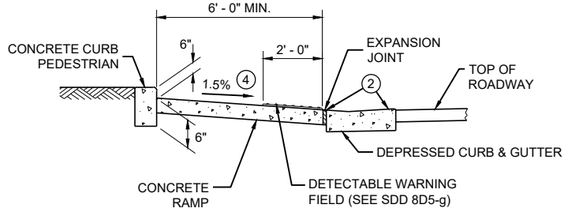
DETECTABLE WARNING AT ISLANDS

REFER TO GENERAL NOTES (2) AND (3) FOR ALL ISLAND CURB RAMPS

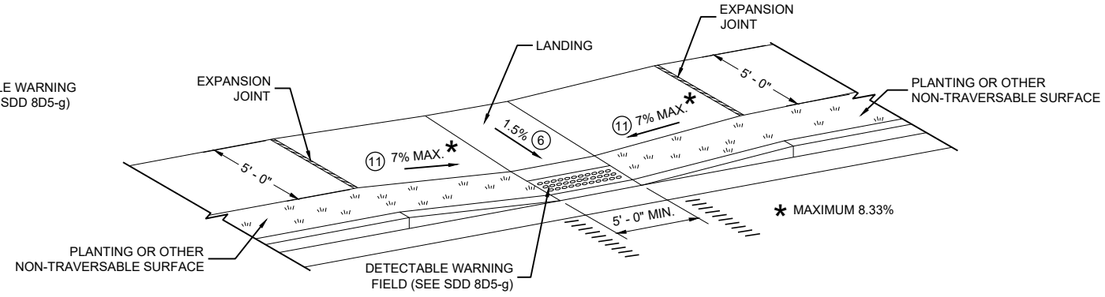


CURB RAMP TYPE 7A

FOR INTERSECTIONS AND MID BLOCK CROSSINGS



SECTION B - B FOR TYPE 7A



CURB RAMP TYPE 7B

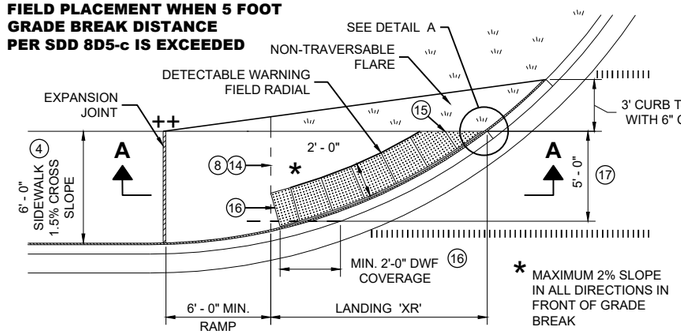
FOR INTERSECTIONS AND MID BLOCK CROSSINGS

CURB RAMPS TYPE 5, 6, 7A, 7B & 8

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

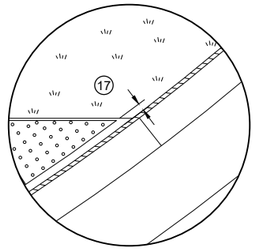
SDD 08D05-21e

RADIAL DETECTABLE WARNING FIELD PLACEMENT WHEN 5 FOOT GRADE BREAK DISTANCE PER SDD 8D5-c IS EXCEEDED

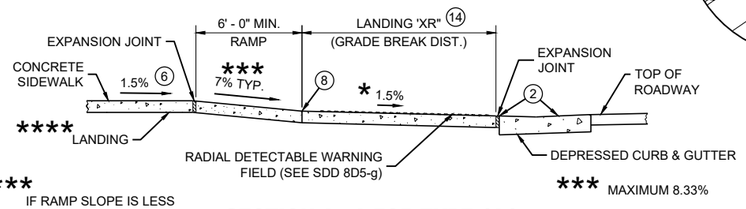


PLAN VIEW

CURB RAMP TYPE 4A1
(GRADE BREAK DISTANCE GREATER THAN 5 FEET)



DETAIL A



**** IF RAMP SLOPE IS LESS THAN 5.0%, THEN NO ADJACENT UPHILL LANDING IS REQUIRED

*** MAXIMUM 8.33%

SECTION A - A FOR TYPE 4A1

LEGEND

- ½" EXPANSION JOINT SIDEWALK
- CONTRACTION JOINT SIDEWALK
- PAVEMENT MARKING CROSSWALK (WHITE)

GENERAL NOTES

AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF 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 FLAG SLOPE AND THE CURB RAMP SLOPE SHALL NOT EXCEED 11%. MAXIMUM GUTTER FLAG SLOPE IS 4%. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES GREATER THAN ¼ - INCH ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5% AND NOT TO EXCEED 7%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.

(3) AN 8.33% CURB RAMP SLOPE IS ALLOWABLE WITH FLATTENED GUTTER FLAG SLOPE AND NOT TO EXCEED 11% GRADE CHANGE.

(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

(6) PROVIDE A LEVEL LANDING (MAXIMUM 2% SLOPE) IN ANY DIRECTION OF PEDESTRIAN TRAVEL. STANDARD LANDING SIZE IS 5 FEET BY 5 FEET.

(8) PROVIDE GRADE BREAK PERPENDICULAR TO DIRECTION OF WHEELCHAIR TRAVEL.

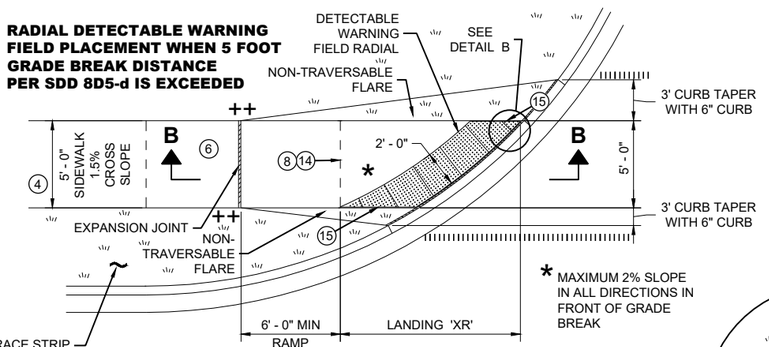
(14) CONSULT ENGINEER IF GRADE BREAK LOCATION (END OF LANDING DIMENSION "XR") REQUIRES FIELD ADJUSTMENT WHEN ESTABLISHING FINAL RADIAL DETECTABLE WARNING FIELD LOCATION.

(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.

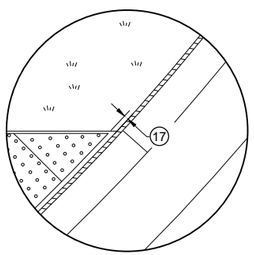
(17) A MAXIMUM 3 INCH CONCRETE BORDER WIDTH IS ALLOWABLE IN FRONT OF RADIAL DETECTABLE WARNING FIELD FOR CONSTRUCTABILITY PURPOSES. CONCRETE BORDER WIDTH MAY VARY UP TO 1 INCH.

RADIAL DETECTABLE WARNING FIELD PLACEMENT WHEN 5 FOOT GRADE BREAK DISTANCE PER SDD 8D5-d IS EXCEEDED

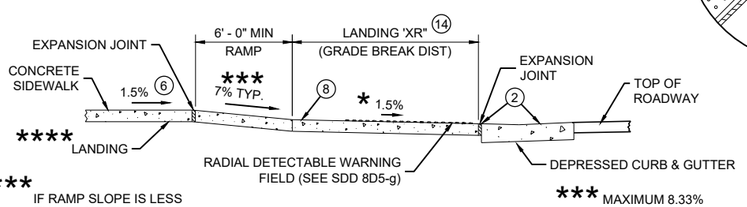


PLAN VIEW

CURB RAMP TYPE 4B1
(GRADE BREAK DISTANCE GREATER THAN 5 FEET)



DETAIL B

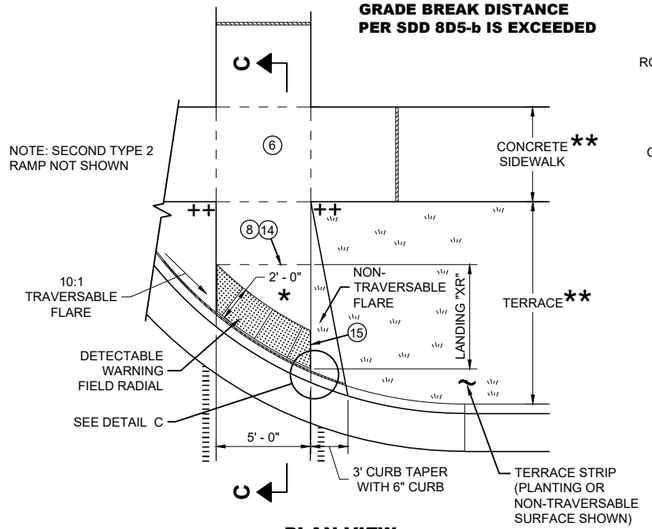


**** IF RAMP SLOPE IS LESS THAN 5.0%, THEN NO ADJACENT UPHILL LANDING IS REQUIRED

*** MAXIMUM 8.33%

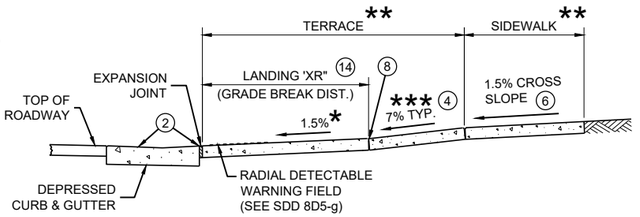
SECTION B - B FOR TYPE 4B1

RADIAL DETECTABLE WARNING FIELD PLACEMENT WHEN 5 FOOT GRADE BREAK DISTANCE PER SDD 8D5-b IS EXCEEDED

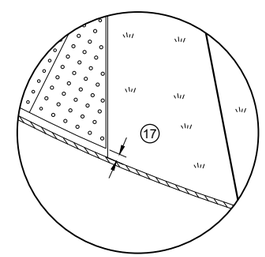


PLAN VIEW

CURB RAMP TYPE 2
(GRADE BREAK DISTANCE GREATER THAN 5 FEET)
(ON LINE WITH SIDEWALK)



SECTION C - C FOR TYPE 2



DETAIL C

* MAXIMUM 2% SLOPE IN ALL DIRECTIONS IN FRONT OF GRADE BREAK

** WIDTH SHOWN ELSEWHERE IN THE PLANS

*** MAXIMUM 8.33%

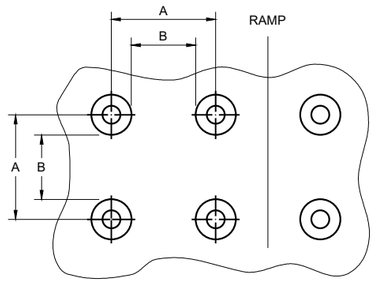
++ CONSTRUCT 6" WEDGE TO AVOID CONCRETE BREAKAGE

CURB RAMPS
RADIAL DETECTABLE WARNING

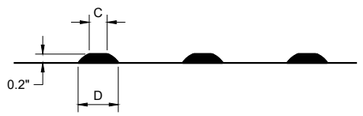
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

	MIN.	MAX.
A	1.6"	2.4"
B	0.65"	1.5"
C	*	*
D	0.9"	1.4"

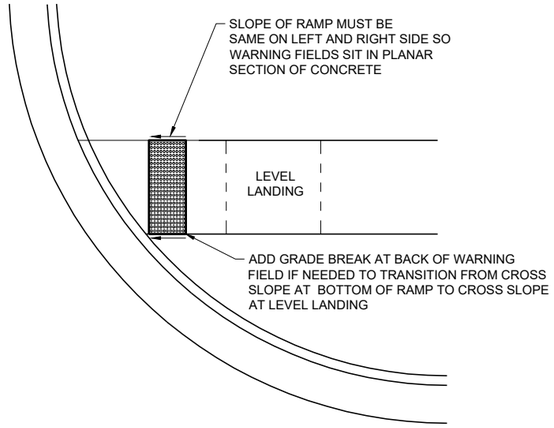
* THE C DIMENSION IS 50% TO 65% OF THE D DIMENSION.



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.

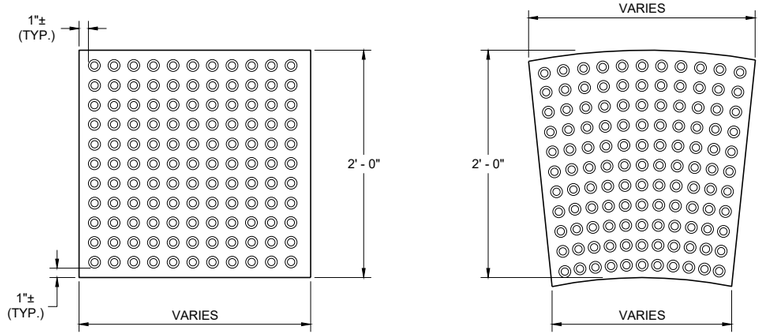
FOR RADIAL DETECTABLE WARNING FIELD APPLICATIONS WHERE STANDARD RADIAL PLATES ARE NOT AVAILABLE AT AN INTERSECTION CURB RADIUS, A COMBINATION OF SQUARE OR RECTANGULAR PLATES AND RADIAL PLATES MAY BE USED TO FORM RADIAL CONFIGURATION. RADIAL WEDGE PLATES IN COMBINATION WITH SQUARE PLATES ARE ALSO ACCEPTABLE. 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

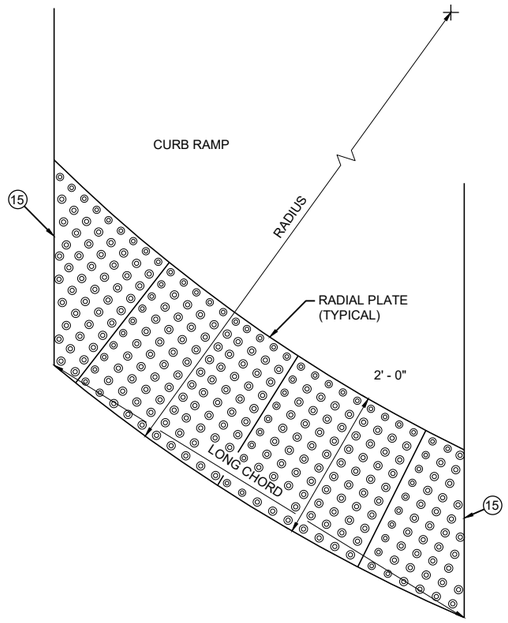


RECTANGULAR PLATES

RADIAL PLATES

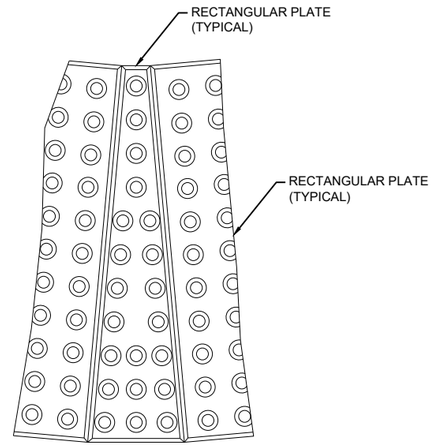
PLAN VIEW

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

July 2023 — DATE

/S/ Rodney Taylor — ROADWAY STANDARDS DEVELOPMENT UNIT SUPERVISOR

FHWA

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SDD 08D05-21g

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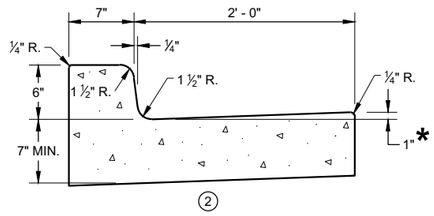
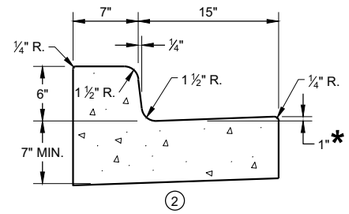
SDD 08D05-21g

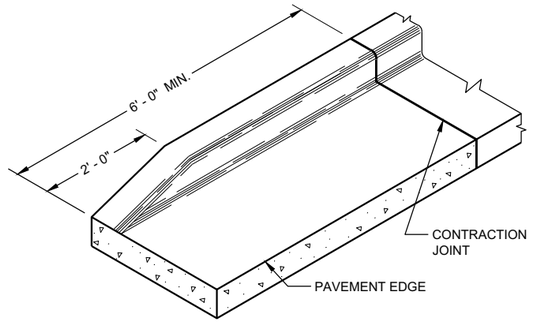


CONCRETE CURB AND GUTTER 31" ①

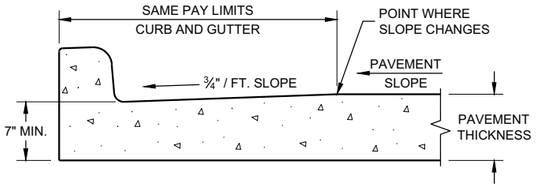
*TO BE MEASURED TO A MAXIMUM OF 3" WHERE DRAINAGE PROBLEMS EXIST.



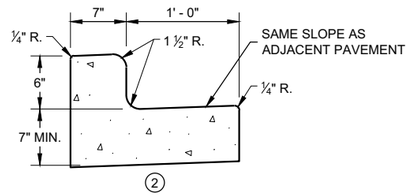
CONCRETE CURB AND GUTTER 22" ①



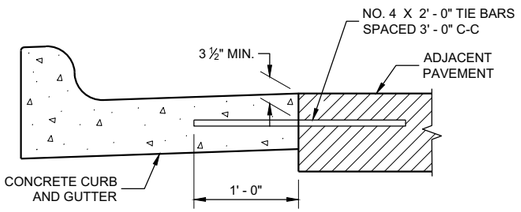
END SECTIONCURB AND GUTTER



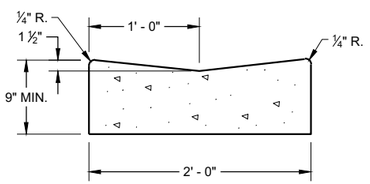
PARTIAL SECTION OF PAVEMENT WITH INTEGRAL CURB AND GUTTER



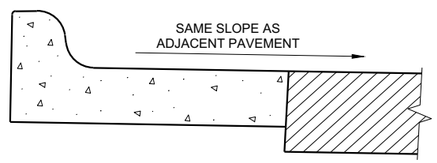
CONCRETE CURB AND GUTTER 19" ①



TYPICAL TIE BAR LOCATION ①



CONCRETE GUTTER 24" ①



HIGH SIDE SECTION ③

(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.

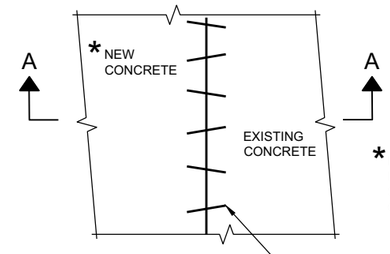
INTEGRAL CURB AND GUTTER SHALL CONFORM TO THE DETAILS SHOWN FOR CONCRETE CURB AND GUTTER INCLUDING THE TRANSVERSE GUTTER SLOPE. A LONGITUDINAL CONSTRUCTION JOINT IS NOT REQUIRED WITH INTEGRAL CURB AND GUTTER.

UNLESS OTHERWISE SHOWN ON THE TYPICAL CROSS SECTIONS, THE BASE COURSE AND UNCLASSIFIED EXCAVATION LIMITS ARE 2' - 0" BEHIND THE BACK OF CURBS.

① WHEN PLACED ADJACENT TO NEW CONCRETE, TIE BARS ARE REQUITED FOR CURB AND GUTTER 31", 22", 19" AND CONCRETE GUTTER 24".

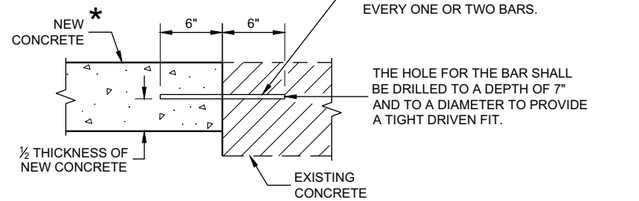
② THE BOTTOM OF CURB AND GUTTER MAY BE CONSTRUCTED EITHER LEVEL OR PARALLEL TO THE SLOPE OF THE SUBGRADE OR BASE COURSE PROVIDED A 7" MINIMUM GUTTER THICKNESS IS MAINTAINED.

③ WHEN HIGH SIDE CURB SECTION IS REQUIRED, THE LOCATION(S) WILL BE NOTED ON THE PLANS



PLAN VIEW

* EXISTING AND NEW CONCRETE MAY BE CURB AND GUTTER, SURFACE DRAINS, PAVEMENT OR OTHER CONCRETE STRUCTURE.



SECTION A - A

PAVEMENT TIES

CONCRETE GUTTER, CURB AND GUTTER AND PAVEMENT TIES

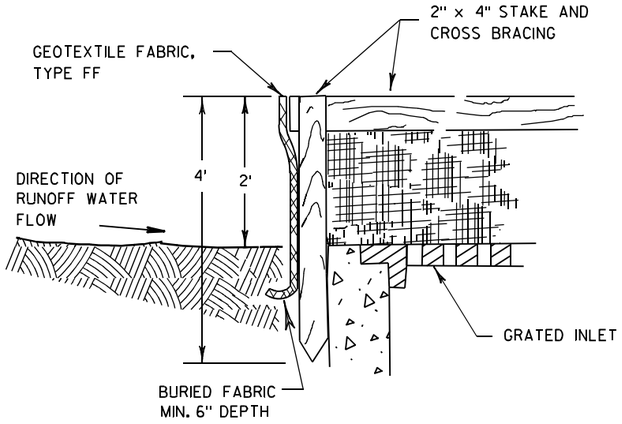
(For Optional use in Milwaukee Co. Only)

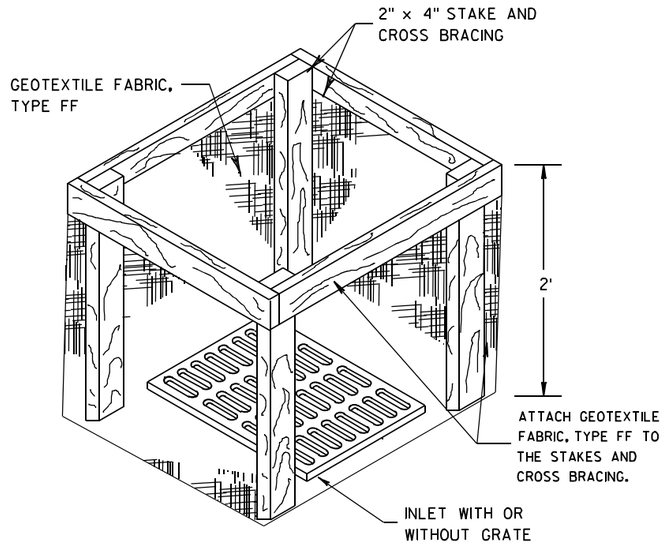
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
February 2020 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS DEVE ENGINEER
FHWA

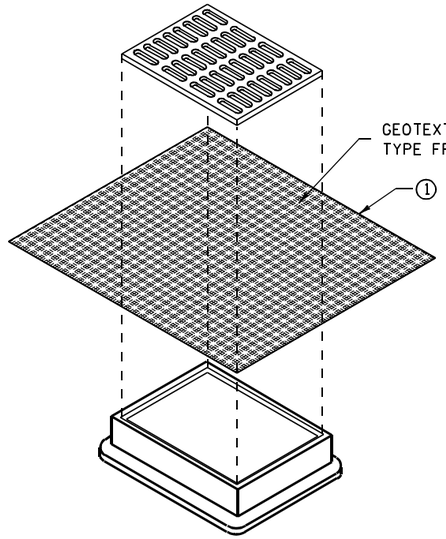
6

SDD 08D16 - 11
SDD 08D16 - 11



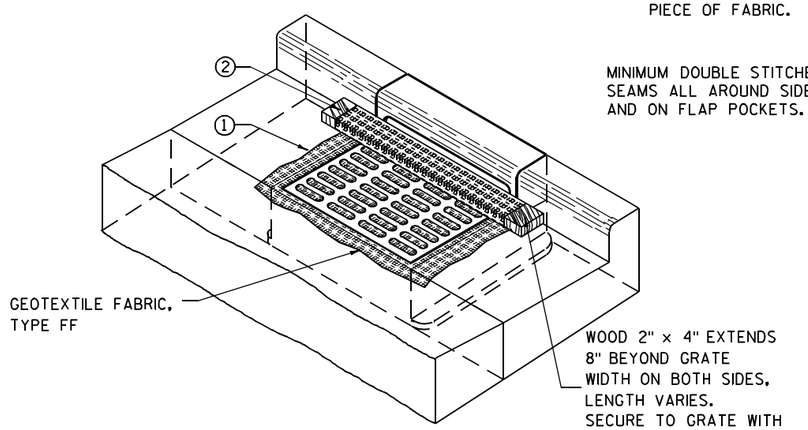


INLET PROTECTION, TYPE A

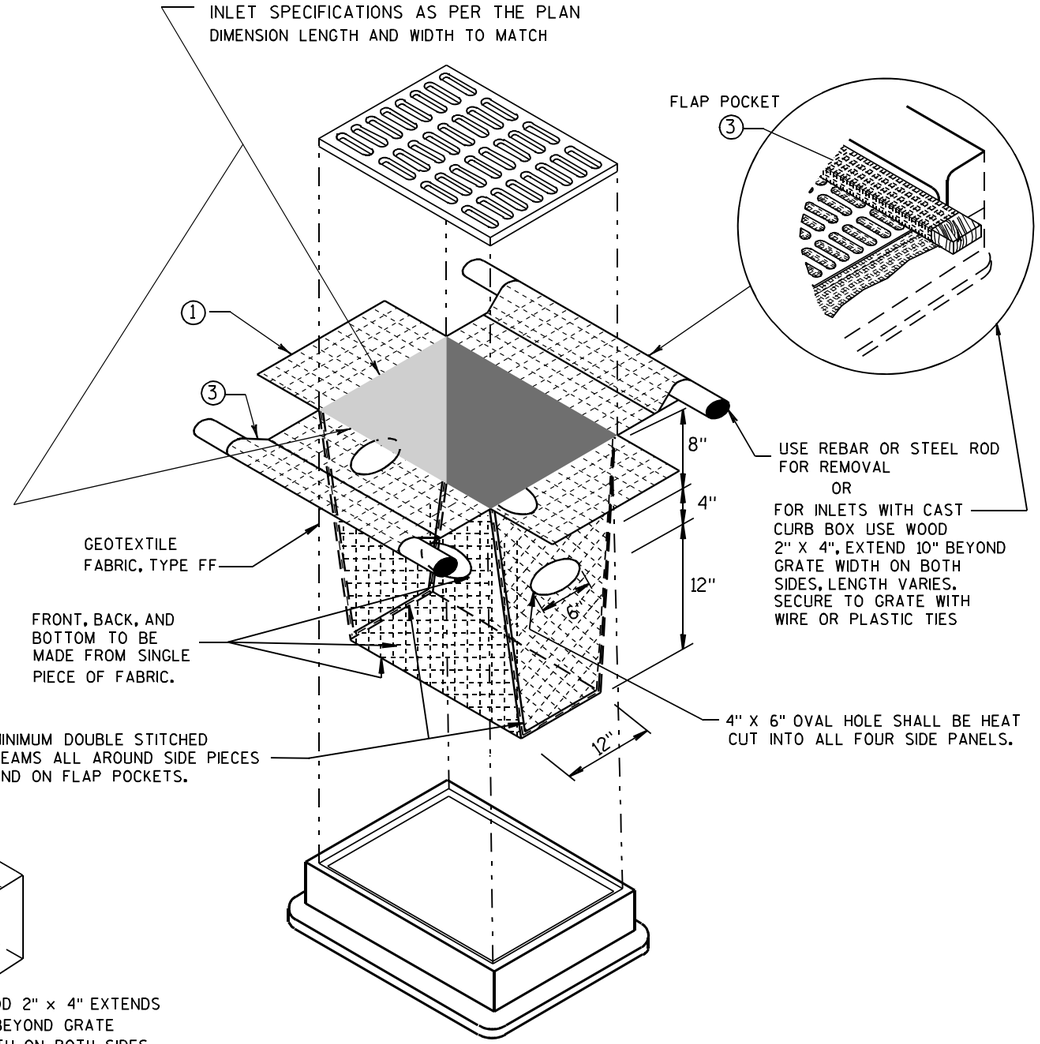


INLET PROTECTION, TYPE B
(WITHOUT CURB BOX)

(CAN BE INSTALLED IN ANY INLET WITHOUT A CURB BOX)



INLET PROTECTION, TYPE C (WITH CURB BOX)



INLET PROTECTION, TYPE D

(CAN BE INSTALLED IN ANY INLET TYPE WITH
OR WITHOUT A CURB BOX AS PER NOTE ②)

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

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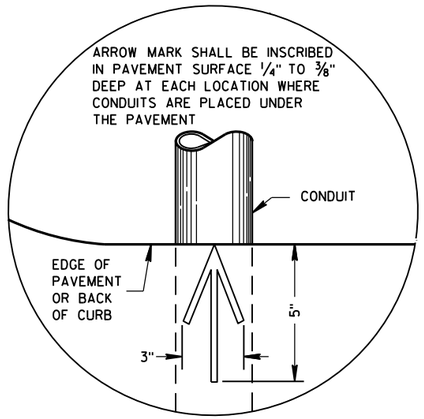
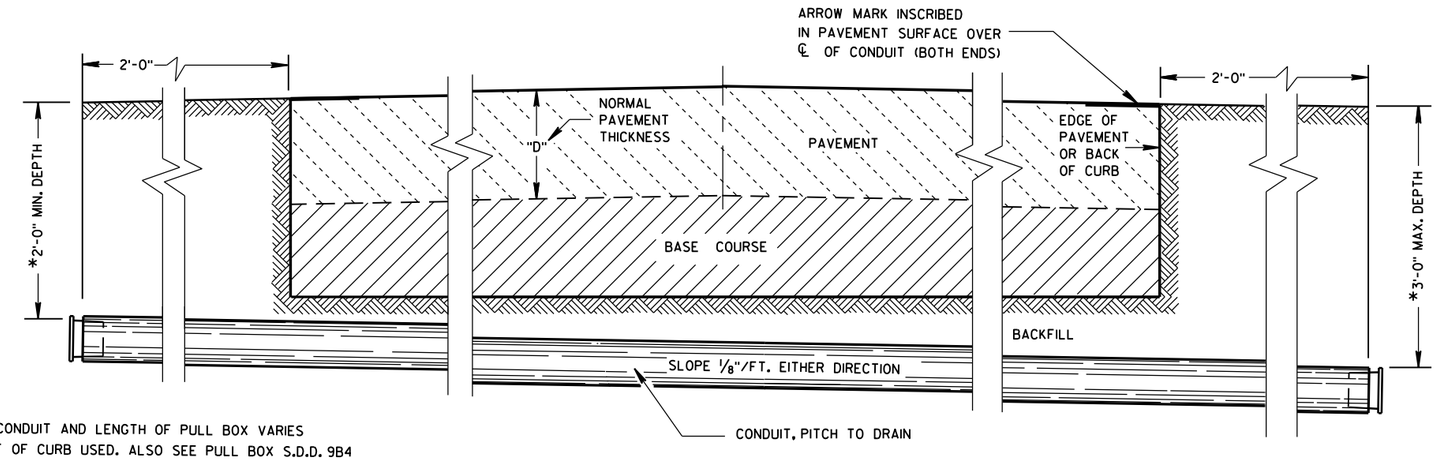
S.D.D. 8 E 10-2



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
FHWA

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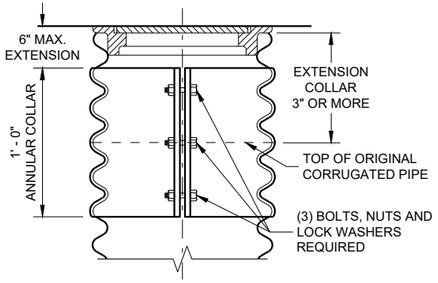
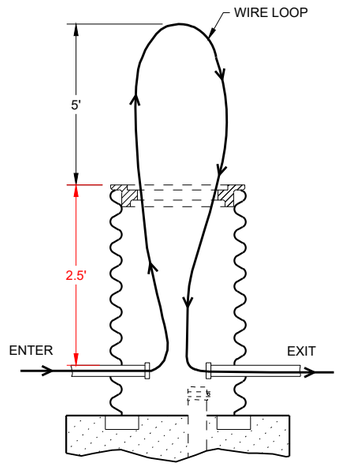
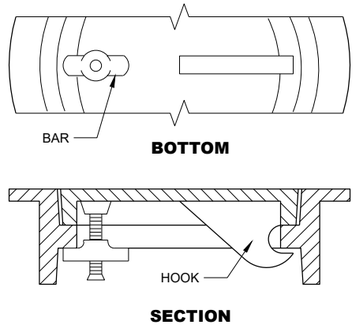


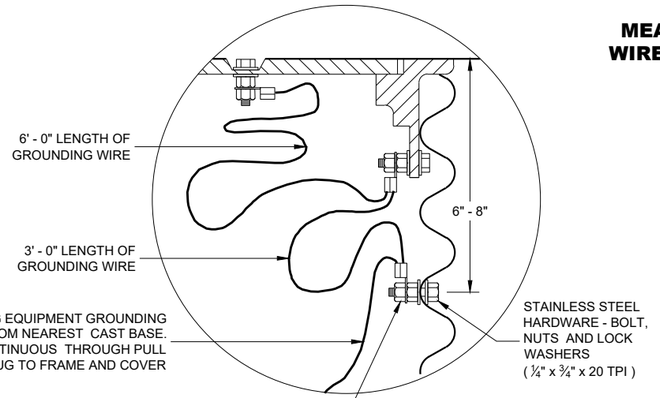
CORRUGATED PIPE EXTENDER



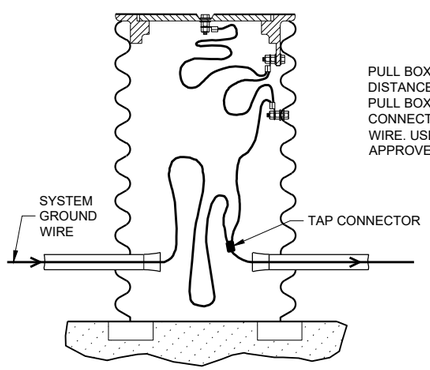
MEASUREMENT DETAIL FOR WIRE/CABLE IN THE PULL BOX



ALTERNATE COVER (LOCKING)
TIGHTENING BAR TYPE

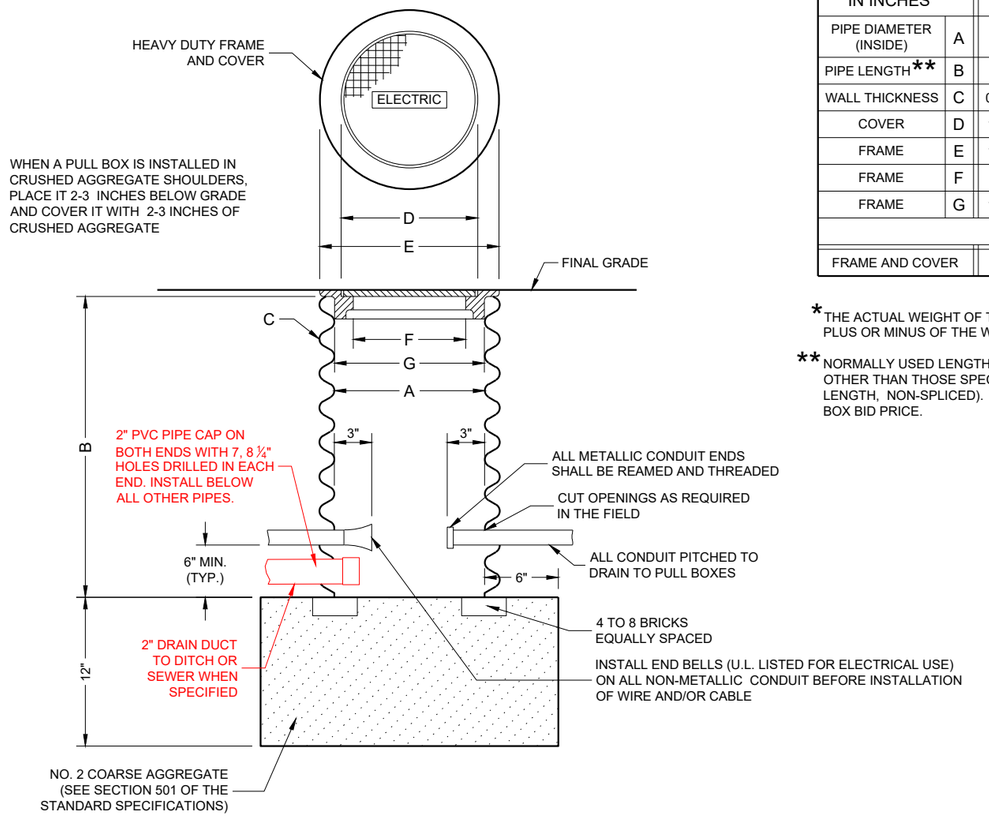


EQUIPMENT GROUNDING LUG AND LOCATION IN STEEL PULL BOXES



PULL BOX TO NEAREST BASE DISTANCE MORE THAN 20 FEET. PULL BOX GROUND WIRE SHALL CONNECT AT SYSTEM GROUNDING WIRE. USE DEPARTMENT APPROVED TAP CONNECTOR.

EQUIPMENT GROUNDING LUG AND LOCATION IN STEEL PULL BOXES



PULL BOX

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

ALL FRAMES AND COVERS SHALL BE HEAVY DUTY TYPE, SUITABLE FOR VEHICULAR TRAFFIC LOADS.

PULL BOXES LOCATED IN THE ROADWAYS SHALL HAVE LOCKING COVERS.

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.

GROUNDING LUGS (MECHANICAL CONNECTORS) SHALL BE U.L. LISTED AND APPROVED FOR USE WITH COPPER WIRE.

ALL METALLIC CONDUIT IN WHICH WIRE AND/OR CABLE IS TO BE INSTALLED, SHALL BE BUSHED BEFORE INSTALLATION OF THE WIRE AND/OR CABLE.

WHEN PULL BOXES ARE INSTALLED FOR FUTURE USE, DO NOT INSTALL THE EQUIPMENT GROUNDING LUG. THE EQUIPMENT GROUNDING LUG, THE EQUIPMENT GROUNDING ELECTRODE AND THE EQUIPMENT GROUNDING CONDUCTOR SHALL BE REQUIRED AND INSTALLED UNDER A FUTURE WIRING CONTRACT.

TABLE OF NOMINAL DIMENSIONS AND WEIGHTS

DIMENSION IN INCHES		CORRUGATED STEEL PIPE								
PIPE DIAMETER (INSIDE)	A	12	12	12	18	18	18	24	24	24
PIPE LENGTH**	B	24	30	36	24	30	36	36	42	48
WALL THICKNESS	C	0.064	0.064	0.064	0.064	0.064	0.064	0.064	0.064	0.064
COVER	D	10 ¼	10 ¼	10 ¼	16 ¼	16 ¼	16 ¼	22 ¼	22 ¼	22 ¼
FRAME	E	14 ½	14 ½	14 ½	20 ½	20 ½	20 ½	26 ½	26 ½	26 ½
FRAME	F	8 ½	8 ½	8 ½	14 ½	14 ½	14 ½	20 ½	20 ½	20 ½
FRAME	G	11 ½	11 ½	11 ½	17 ½	17 ½	17 ½	23 ½	23 ½	23 ½
WEIGHT IN POUNDS*										
FRAME AND COVER		60	60	60	110	110	110	155	155	155

*THE ACTUAL WEIGHT OF THE MANHOLE FRAME AND COVER MAY VARY WITHIN 5 PERCENT PLUS OR MINUS OF THE WEIGHTS SHOWN.

**NORMALLY USED LENGTHS. THE PROJECT ENGINEER SHALL DETERMINE IF PIPE LENGTHS, OTHER THAN THOSE SPECIFIED, SHALL BE USED, TO A MAXIMUM OF 48" (CONTINUOUS LENGTH, NON-SPLICED). THE ADDITIONAL LENGTH SHALL BE INCIDENTAL TO THE PULL BOX BID PRICE.

PULL BOX

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2022
DATE

/S/ Ahmet Demirbilek
STATE ELECTRICAL ENGI 415

FHWA

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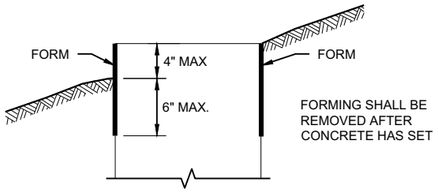
SDD 09B04-12

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.

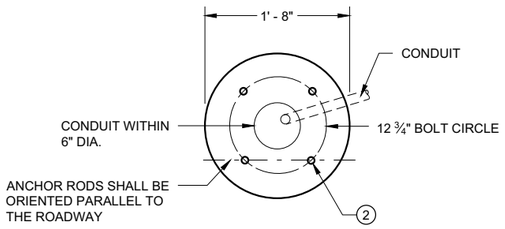
WASHERS AND LOCK WASHERS ARE REQUIRED ON ALL ANCHOR RODS.

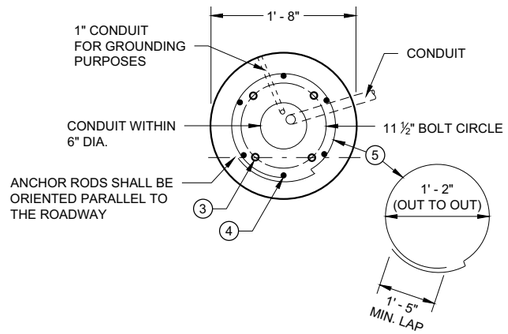
WHEN ANCHOR RODS USING THE ALTERNATE "L" BEND ARE FURNISHED, THE 4 INCH"L" BEND SHALL BE IN ADDITION TO THE SPECIFIED ANCHOR ROD BAR LENGTH. THE "L" BEND SHALL NOT BE THREADED.

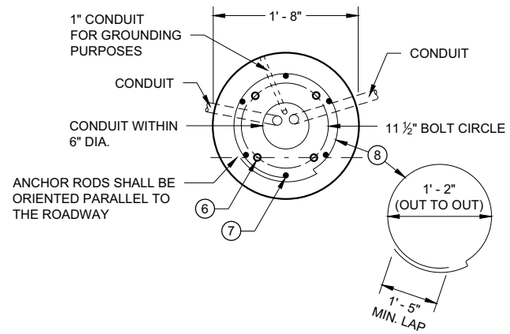
ANCHOR RODS SHALL BE INSTALLED WITH MISALIGNMENTS OF LESS THAN 1:40 FROM VERTICAL.

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

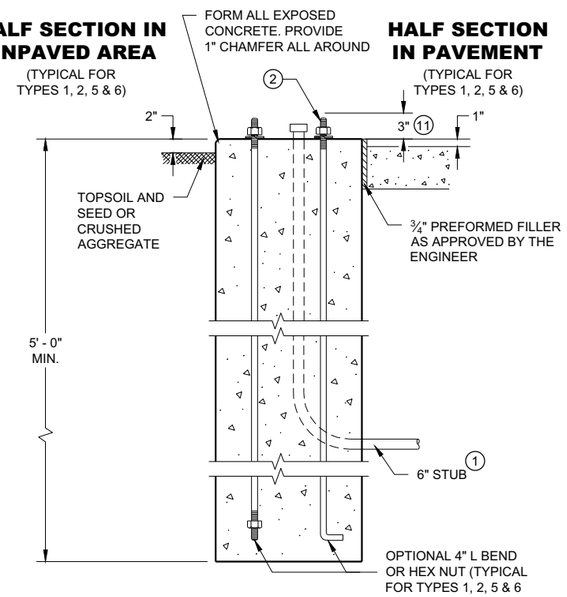
10 ⅝" DIA. X 8' -0" COPPERCLAD EQUIPMENT GROUNDING ELECTRODE REQUIRED

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.

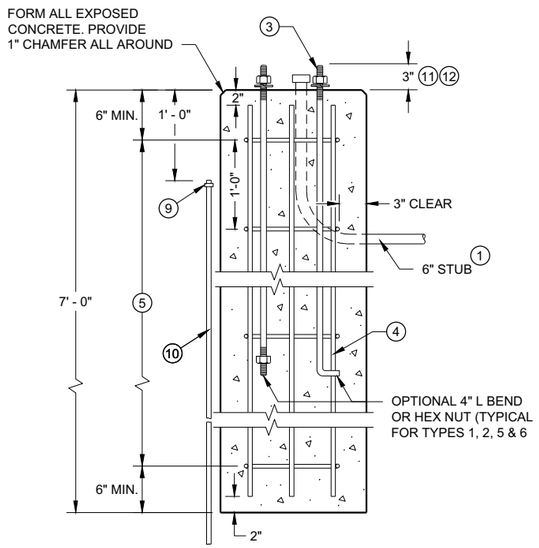
12 FOR NON - BREAKAWAY INSTALLATIONS, 4 ½" ± ANCHOR ROD PROJECTION WITH THE USE OF LEVELING NUTS. RODENT SCREEN REQUIRED.

HALF SECTION IN UNPAVED AREA
(TYPICAL FOR TYPES 1, 2, 5 & 6)

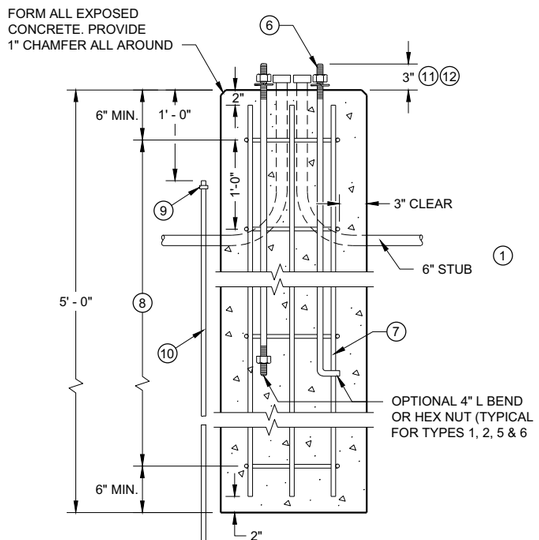
HALF SECTION IN PAVEMENT
(TYPICAL FOR TYPES 1, 2, 5 & 6)



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 416
FHWA

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.

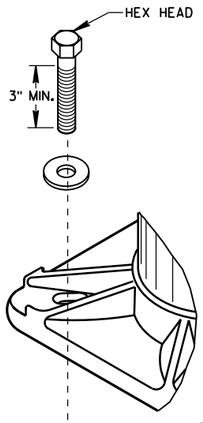
THE MECHANICAL CONNECTOR SHALL BE INSTALLED USING A 1/4" - 20 (TPI) STAINLESS STEEL HEX HEAD BOLT OF SUFFICIENT LENGTH TO FIRMLY ATTACH THE LUG TO THE BASE.

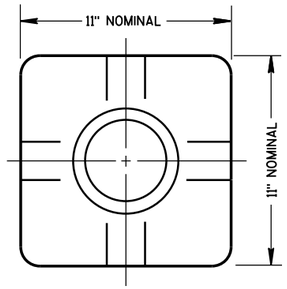
SHOULD THE MANNER OF ATTACHMENT OF THE LUG REQUIRE WASHERS, HEX NUTS, LOCK WASHER - THEY SHALL BE STAINLESS STEEL AS IS THE BOLT. THE MANNER OF ATTACHMENT SHALL NOT BLOCK ACCESSIBILITY TO WIRE PLACEMENT IN THE CONNECTOR.

PEDESTAL BASE COLLAR THREADING SHALL BE TAPERED AND IN ACCORDANCE WITH NATIONAL PIPE THREADING DIMENSIONS.

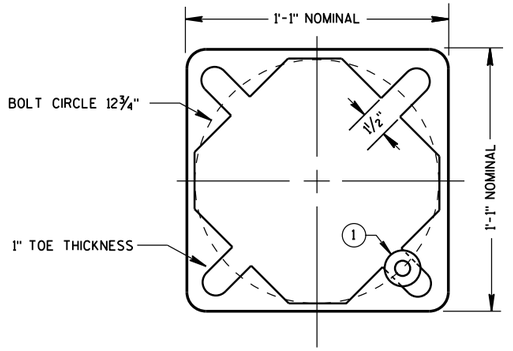
BASE COLLAR THREADING SHALL EXTEND INTO THE BASE COLLAR WITH SUFFICIENT DEPTH TO ACCEPT THE INSTALLATION OF TRAFFIC SIGNAL STANDARDS TO A DEPTH OF 1 1/2", THEN TIGHTENING TO A POINT OF BEING IMMOVABLE.

THE ACCESS DOOR SHALL BE OF THE SAME MATERIAL AS THE BASE.

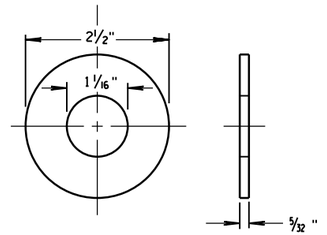




TOP VIEW
(PEDESTAL BASE)

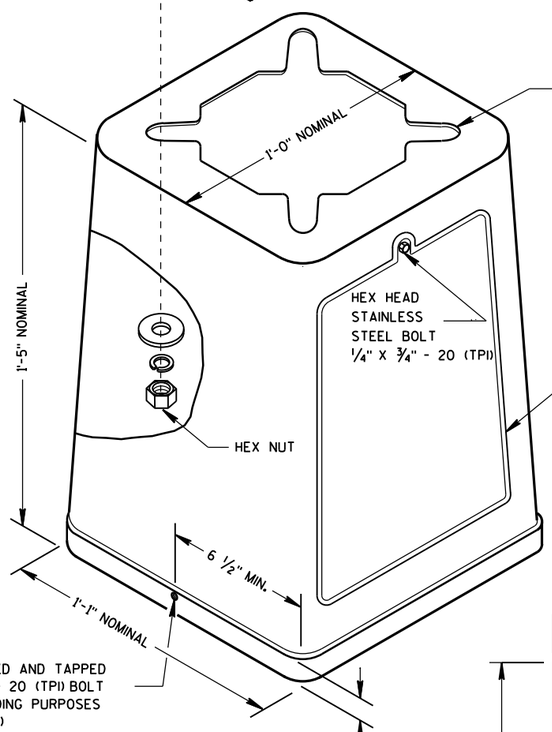


BOTTOM VIEW
(PEDESTAL BASE)

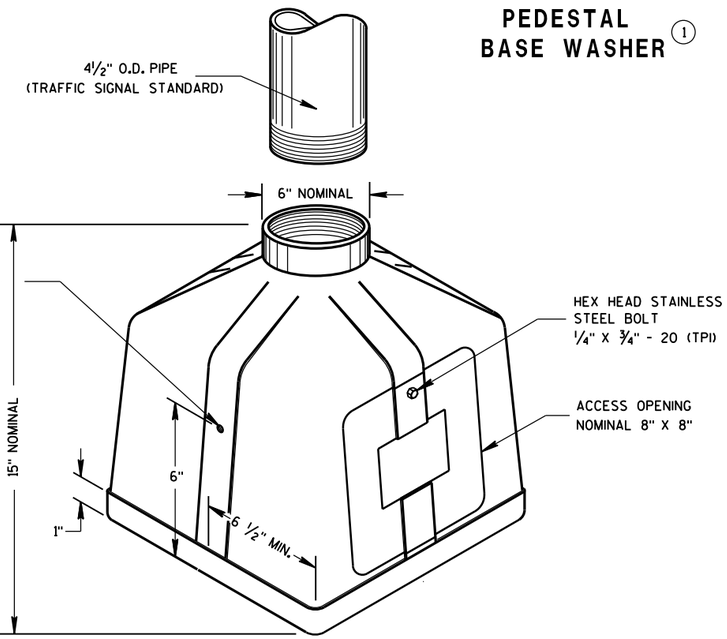


ZINC COATED STEEL WASHER
TO BE PROVIDED BY THE CONTRACTOR

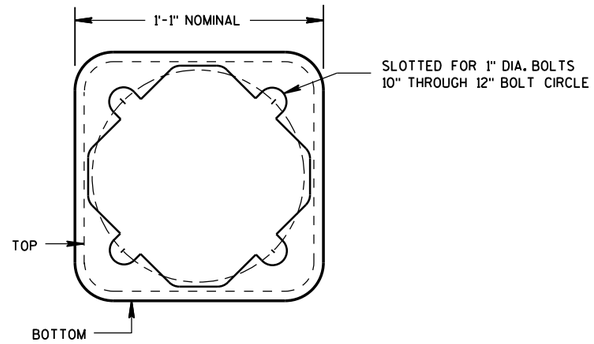
PEDESTAL BASE WASHER (1)



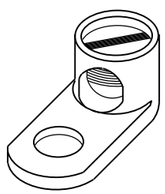
ISOMETRIC VIEW



ISOMETRIC VIEW
PEDESTAL BASE

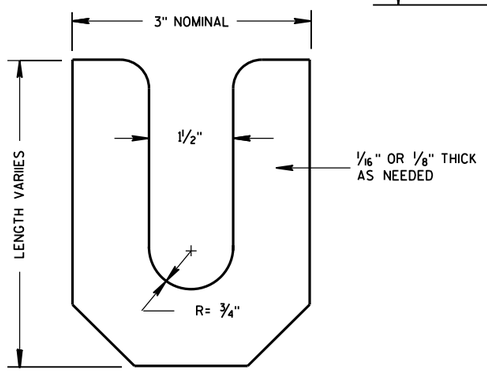


BOTTOM VIEW
(TRANSFORMER BASE)



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

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S.D.D. 9 C 3-4

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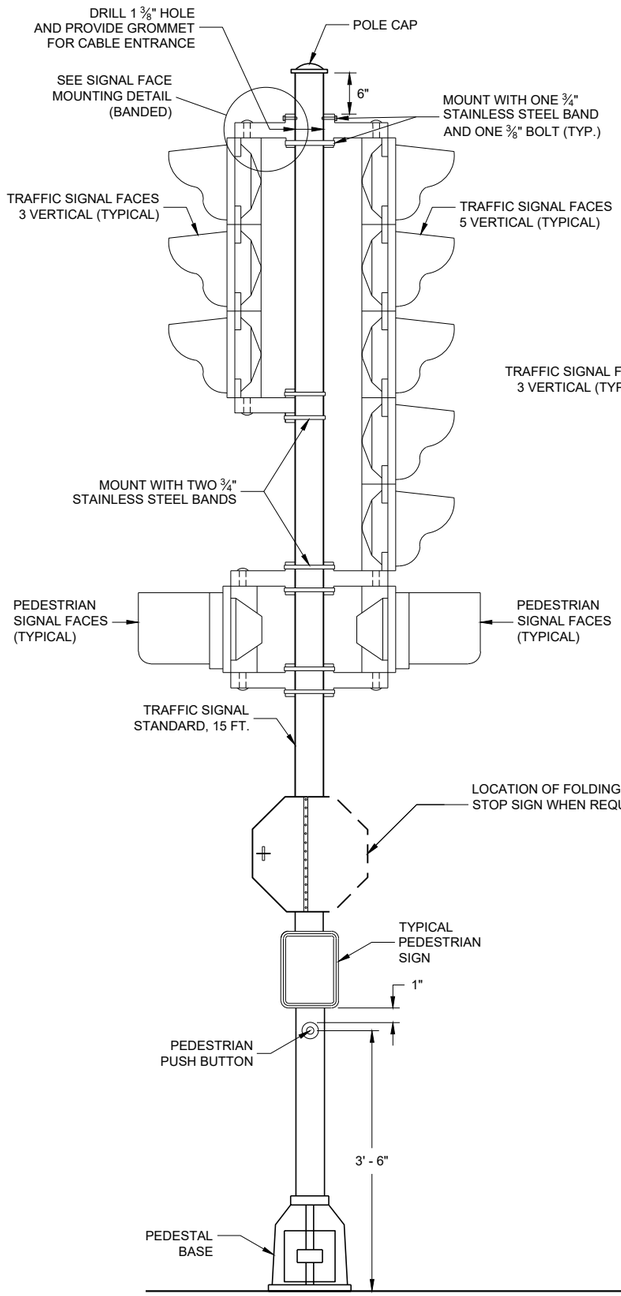
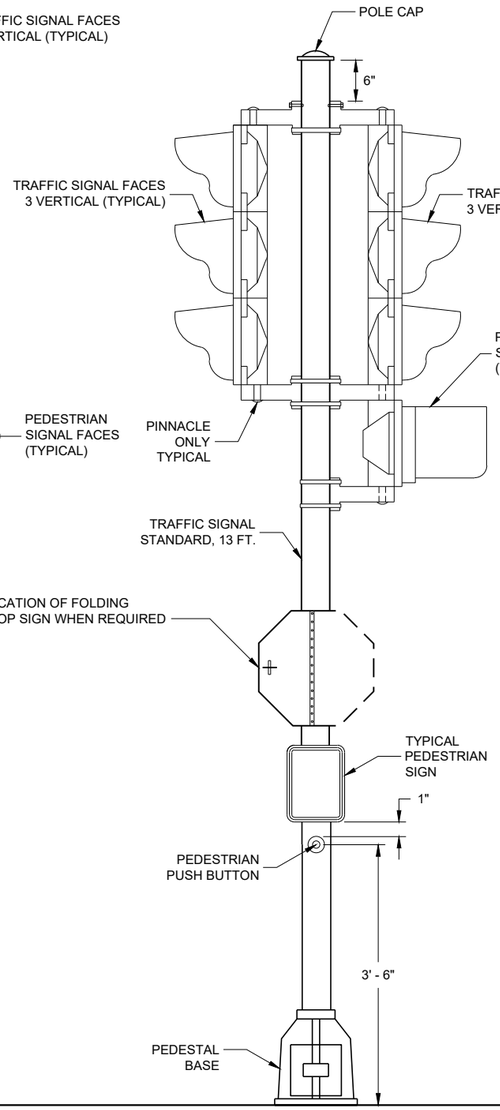
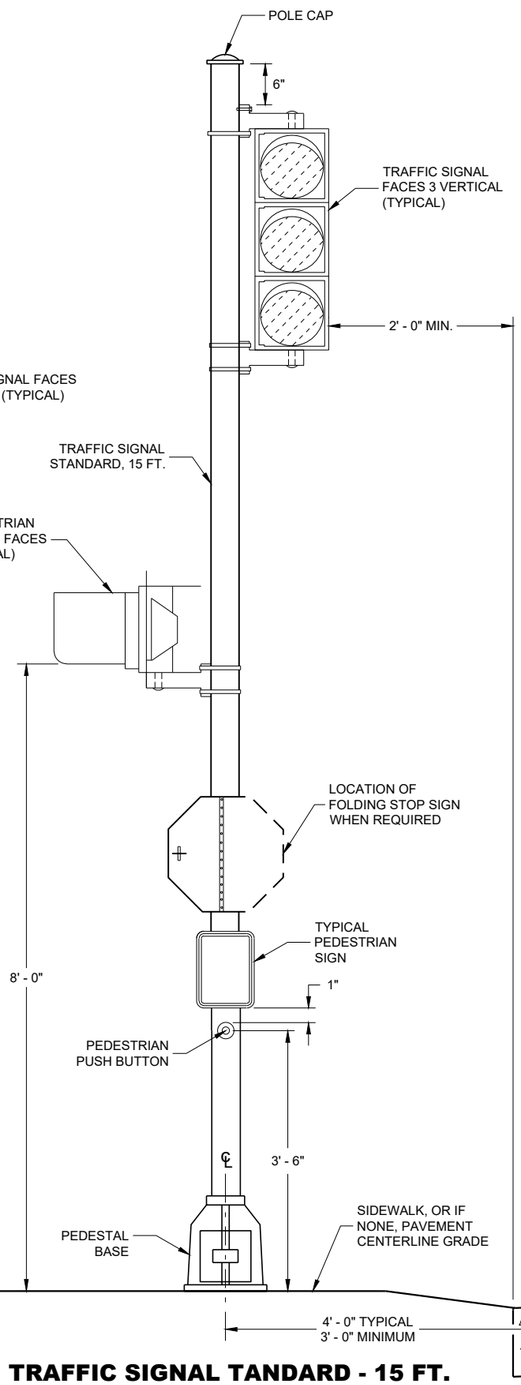


TRAFFIC SIGNAL STANDARD - 15 FT.



TRAFFIC SIGNAL STANDARD - 13 FT.



TRAFFIC SIGNAL TANDARD - 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.

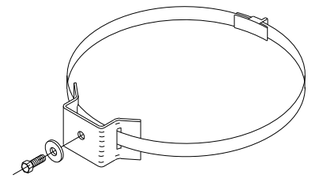
LENGTH AND LOCATION OF TRAFFIC SIGNAL STANDARDS SHALL BE AS SHOWN ON THE PLANS.

OPTICALLY PROGRAMMED SIGNAL FACES SHALL BE MASKED IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS, AND UNDER THE DIRECTIONS OF THE REGION TRAFFIC ENGINEER.

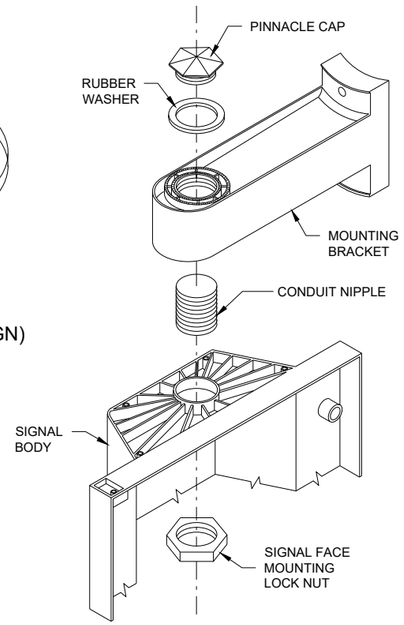
FOLDING STOP SIGNS SHALL BE IN ACCORDANCE WITH THE MUTCD AND/OR THE LATEST WISCONSIN SUPPLEMENT. THE SIGNS SHALL BE SIZED AND LOCATED AS CALLED FOR IN IN THE PLANS.

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
2/28/2013
DATE

/S/ Ahmet Demirbilek
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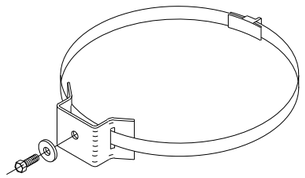
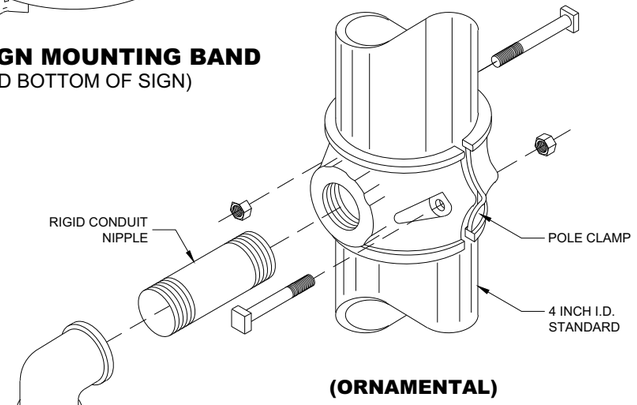


TYPICAL SIGN MOUNTING BAND
(TOP AND BOTTOM OF SIGN)



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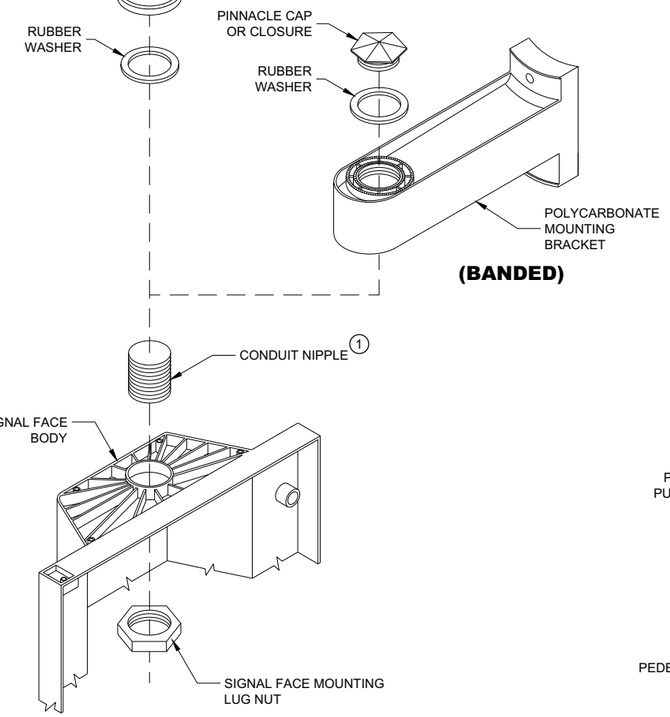
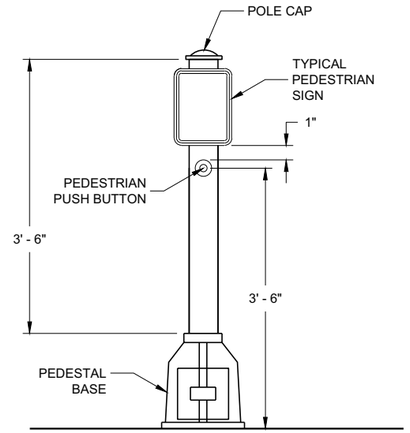


(BANDED)

SIGNAL FACE MOUNTING DETAILS



PEDESTRIAN PUSH BUTTON TYPICAL MOUNTING

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.

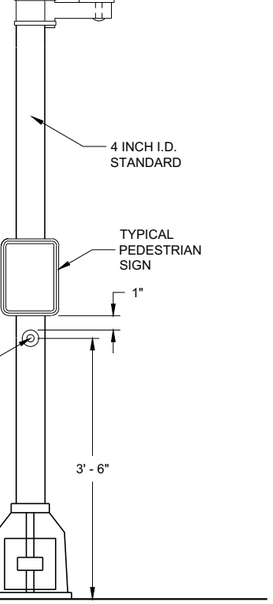
LENGTH OF TRAFFIC STANDARDS SHALL BE AS SHOWN ON THE PLANS.

MOUNTINGS AND BRACKETS SHALL BE AS SHOWN ON THE PLANS OR DESCRIBED IN THE SPECIAL PROVISIONS (BY THE REGION TRAFFIC ENGINEER).

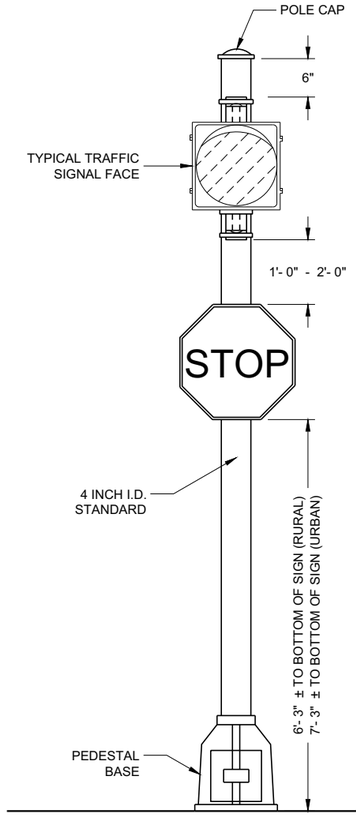
PEDESTRIAN SIGNS SHALL BE AS DESIGNATED IN THE PLANS.

FURNISH AND INSTALL VENTILATED, CAST, METALLIC (ALUMINUM ALLOY) CAPS. FASTEN CAPS WITH ONE (1) ¼" X ¾" - 20 TPI STAINLESS STEEL, HEX HEAD BOLT.

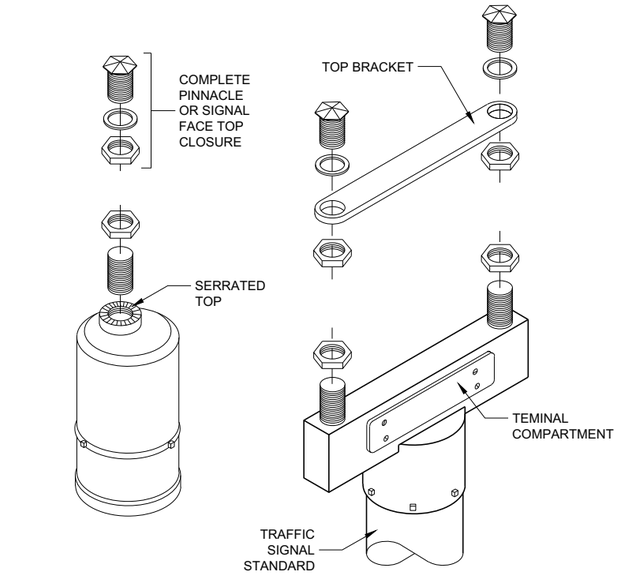
(1) USE 1 ½" ID NIPPLES ZINC-COATED RIGID METAL CONDUIT, LONG ENOUGH TO ACCOMMODATE FULL DEPTH THREADING INTO THE HEAD MOUNTING LOCK NUT IN ORDER TO TIGHTEN THE FACE, BUT THAT DO NOT INTERFERE WITH REFLECTOR CLOSURE. THREAD THE NIPPLE INTO THE MOUNTING BRACKET/ELBOW UNTIL TIGHT. USE APPROVED PINNACLE TYPE HARDWARE FROM A DEPARTMENT APPROVED MANUFACTURER TO CLOSE THE UNUSED 1 ½" OPENING IN SIGNAL FACESAND BRACKET ENDS.



PEDESTRIAN FACE STANDARD - 10 FT.
(WALK - DON'T WALK)



STANDARD FLASHER
10 FOOT, 13 FOOT OR 15 FOOT AS REQUIRED



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 419

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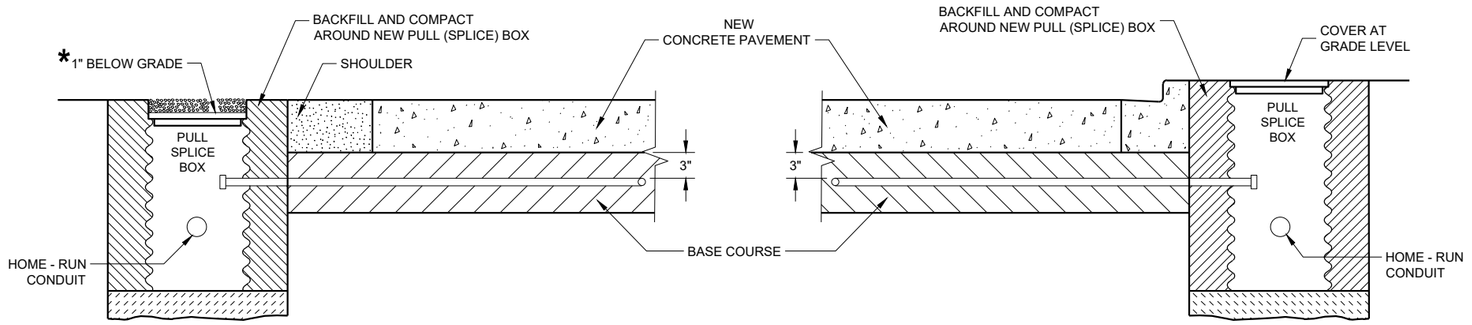


SECTION A - A
NO CURB AND GUTTER

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.

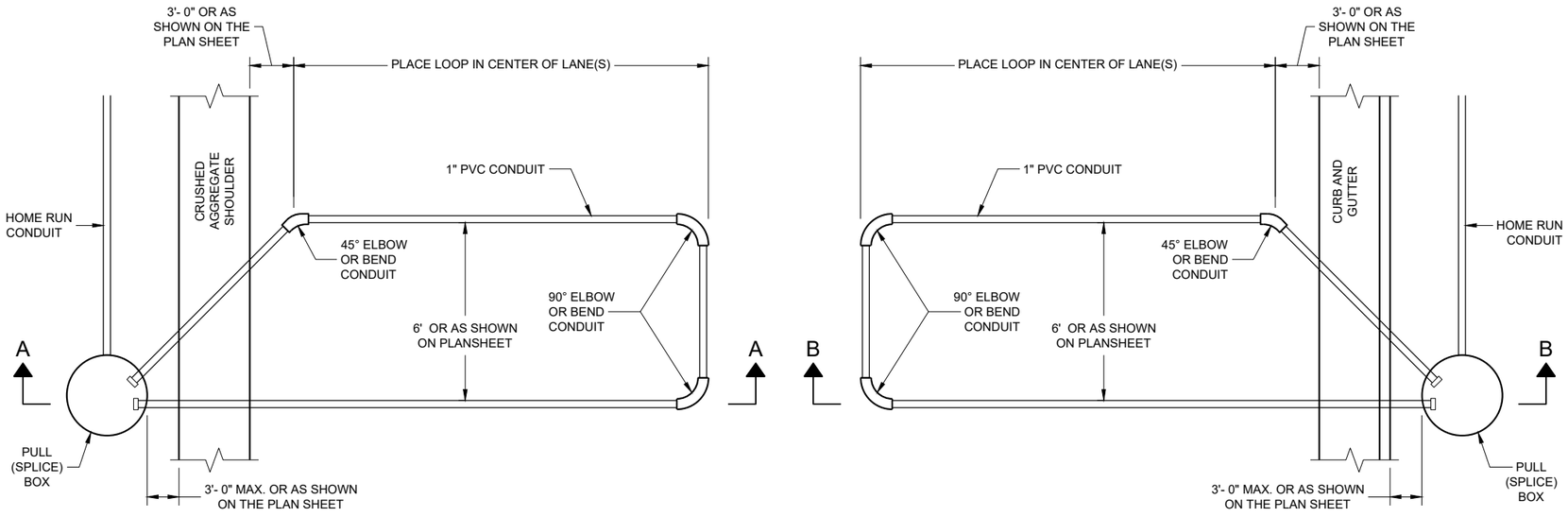
THE #12 AWG LOOP WIRE IN THE ROADSIDE PULL (SPLICE) BOX SHALL BE HAND TWISTED AT LEAST 3 TWISTS PER FOOT BEFORE BEING SPLICED TO THE LOOP LEAD-IN CABLE.

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

APPROVED
September 2014
DATE
/S/ Ahmet Demirbilek
STATE ELECTRICAL ENGI 420
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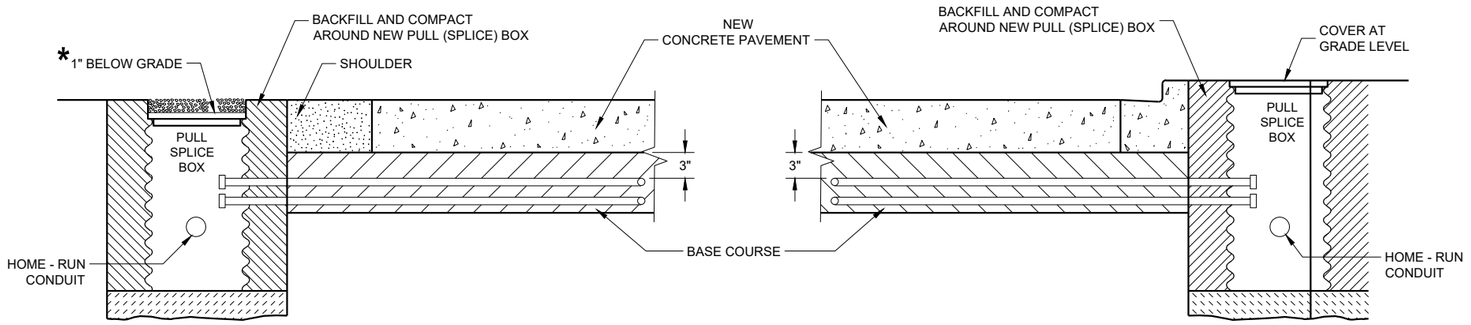


SECTION A - A
NO CURB AND GUTTER

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.

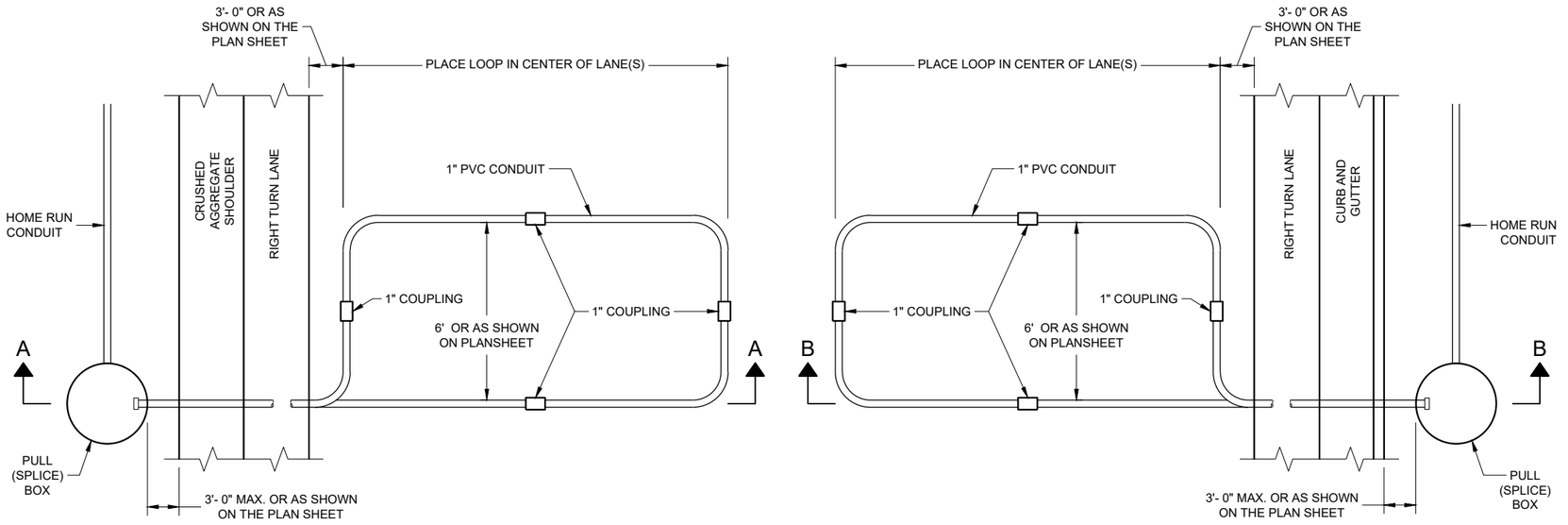
THE #12 AWG LOOP WIRE IN THE PULL (SPLICE) BOX SHALL BE HAND TWISTED AT LEAST 3 TWISTS PER FOOT BEFORE BEING SPLICED TO THE LOOP LEAD-IN CABLE.

SPLICES OF LOOP WIRE TO LEAD-IN CABLE SHALL BE MADE ONLY IN PULL (SPLICE) BOXES AT THE SIDE OF THE ROAD.

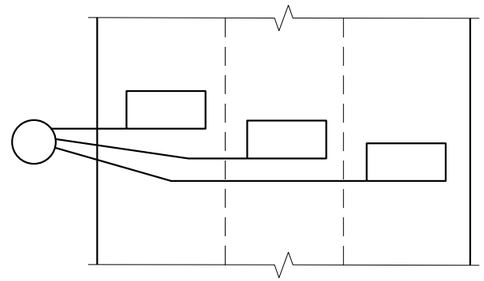
THE #12 AWG LOOP WIRE SHALL BE INSTALLED FROM THE ROADSIDE PULL (SPLICE) BOX, THROUGH THE LOOP CONDUIT, BACK TO THE ROADSIDE PULL (SPLICE) BOX, AND BE INSTALLED IN ONE NON-SPLICED, CONTINUOUS LENGTH.

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

APPROVED
September 2014
DATE
/S/ Ahmet Demirbilek
STATE ELECTRICAL ENGI

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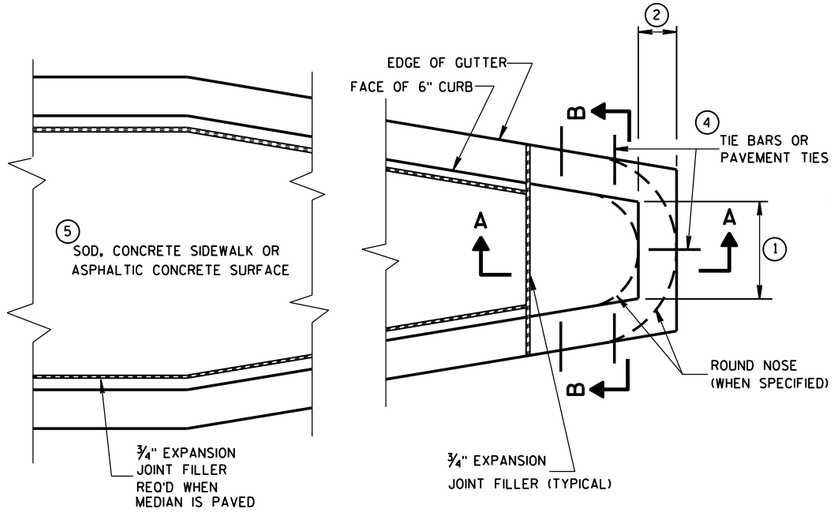
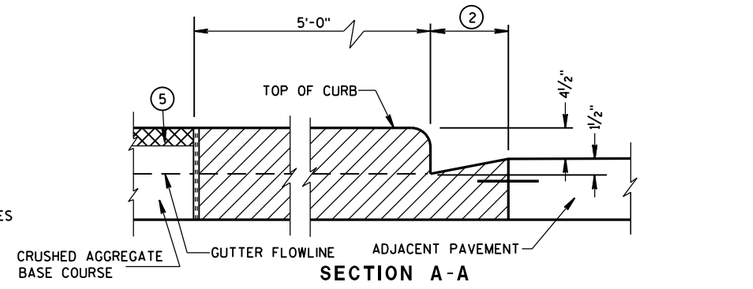




CONCRETE MEDIAN BLUNT NOSE DETAIL

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) SEE PLAN FOR MEDIAN NOSE WIDTH AND RADIUS (FOR ROUND NOSE ALTERNATE).

(2) WIDTH OF GUTTER TO MATCH EXISTING ADJACENT GUTTER OR AS SPECIFIED ELSEWHERE IN THE PLAN.

(3) DEPTH EQUAL TO ADJACENT PAVEMENT. ADJACENT PAVEMENT STRUCTURE DETAILS ARE SHOWN ON THE PLAN. TYPICAL OPTIONS ARE:

(1) NEW OR EXISTING CONCRETE PAVEMENT.

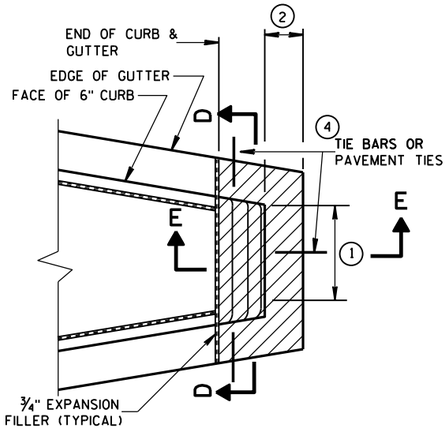
(2) ASPHALTIC CONCRETE PAVEMENT OVER NEW OR EXISTING CONCRETE BASE COURSE.

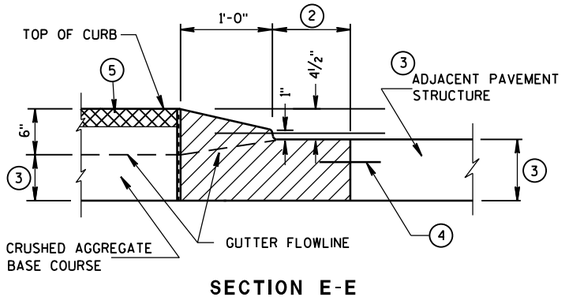
(3) ASPHALTIC CONCRETE PAVEMENT OVER CRUSHED AGGREGATE BASE COURSE.

(4) TIE BARS OR PAVEMENT TIES REQUIRED IN NEW CONCRETE PAVEMENT OR CONCRETE BASE COURSE. TIE BARS SHALL BE NO. 4 X 2'-0" SPACED AT 2'-0" C-C.

PAVEMENT TIES REQUIRED IN EXISTING CONCRETE BASE COURSE. PAVEMENT TIES SHALL BE NO. 6 X 1'-0" SPACED AT 3'-0" C-C INSTALLED ON A HORIZONTAL SKEW OF 6:1. THE DIRECTION OF SKEW SHALL ALTERNATE AFTER EVERY ONE OR TWO BARS.

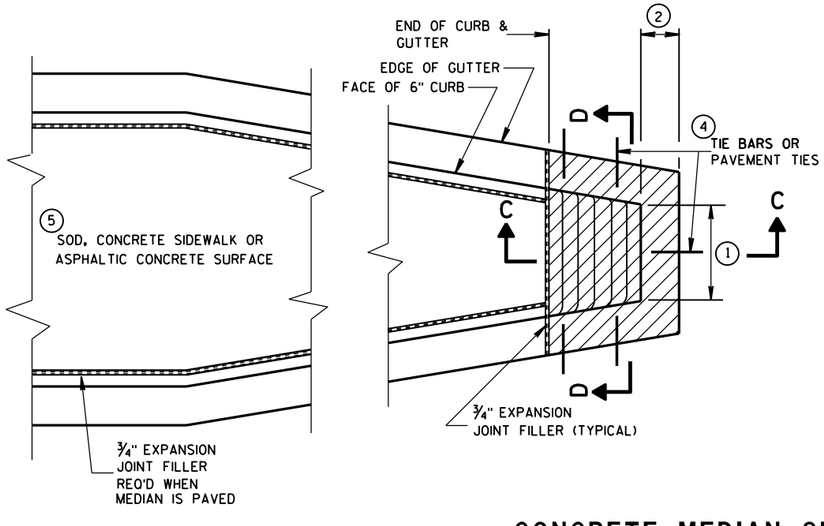
(5) SURFACE TYPE AND DETAILS ARE SHOWN ELSEWHERE IN THE PLAN.

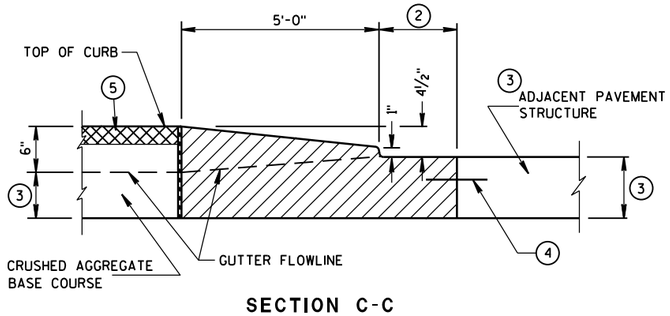




SECTION E-E

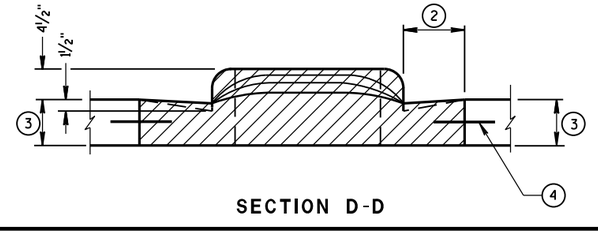
CONCRETE MEDIAN SLOPED NOSE TYPE 2





SECTION C-C

CONCRETE MEDIAN SLOPED NOSE TYPE 1



SECTION D-D

CONCRETE MEDIAN NOSE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
6/8/2006
DATE
/S/ Jerry H. Zogg
ROADWAY STANDARDS DEVELOPMENT ENGINEER
FHWA

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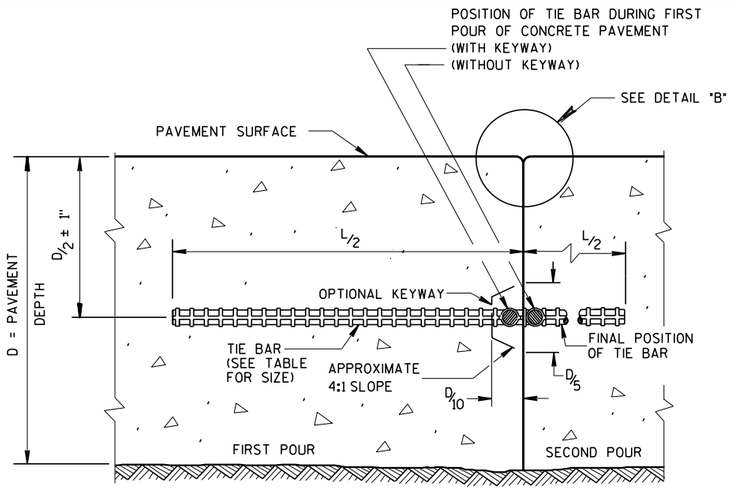
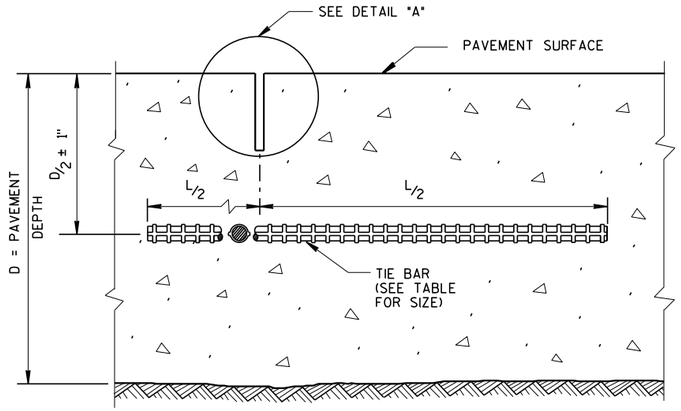
S.D.D. 11 B 2-2



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, P.E.
PAVEMENT SUPE
FHWA

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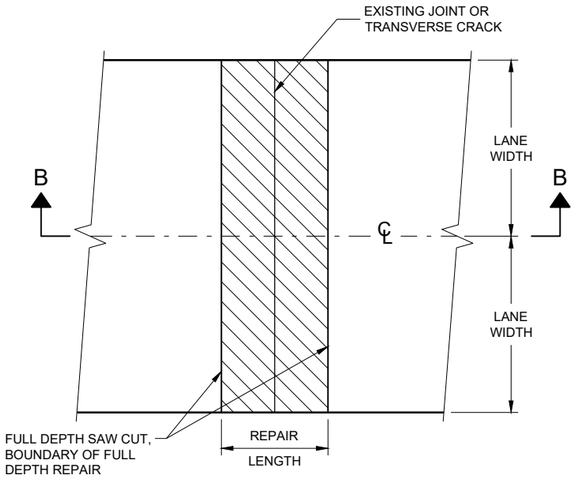
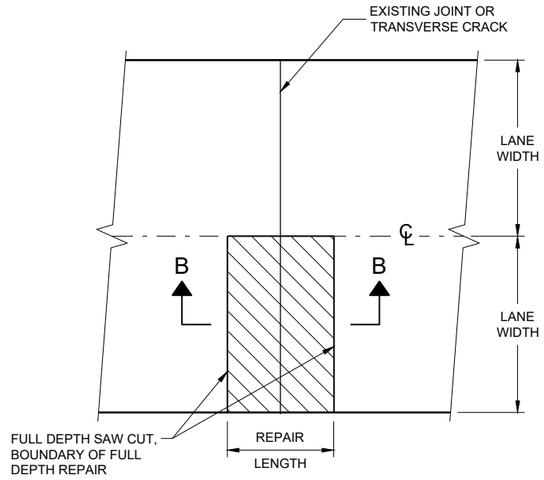
S.D.D. 13 C 1-19



PLAN VIEW
(DOUBLE LANE REPAIR)



PLAN VIEW
(SINGLE LANE REPAIR)

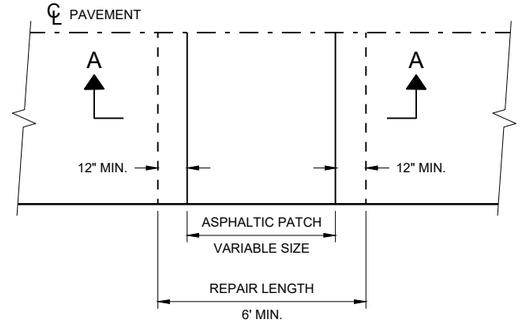
GENERAL NOTES

SAW CUT, DRILL, AND LIFT OUT EXISTING CONCRETE PAVEMENT WITHIN THE BOUNDARIES OF CONCRETE REPAIR AREAS. THE CONTRACTOR MAY MAKE ADDITIONAL SAW CUTS INSIDE THE REPAIR LIMITS TO REDUCE WEIGHT AND SIZE OF CONCRETE PIECES.

PROVIDE A 6 FOOT MINIMUM DISTANCE FROM BOUNDARIES OF CONCRETE REPAIR AREA TO ADJACENT TRANSVERSE JOINT OR CRACK.

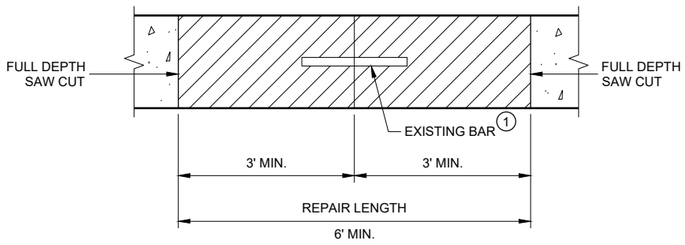
THE LENGTH OF THE REPAIRS MAY VARY FROM THE DIMENSIONS SHOWN IF THE EXISTING CONCRETE PAVEMENT IS NON-DOWELED AND THE PAVEMENT IS TO BE OVERLAID AFTER REPAIRING.

(1) DOWEL BARS MAY NOT BE PRESENT.



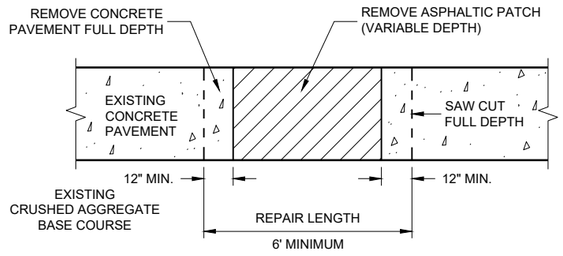
PLAN VIEW

FULL DEPTH CONCRETE PAVEMENT REMOVAL



SECTION B - B

CONCRETE REMOVAL



SECTION A - A

HMA PATCH REMOVAL

CONCRETE PAVEMENT REPAIR AND REPLACEMENT

SDD13C09 - 17a

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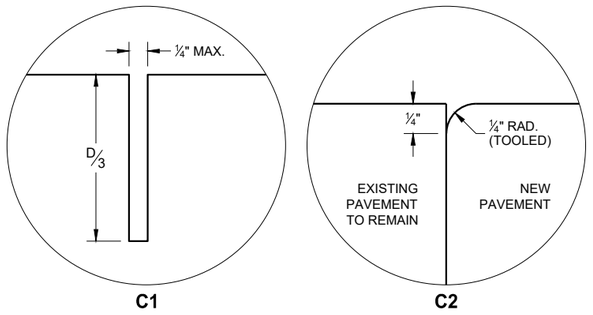
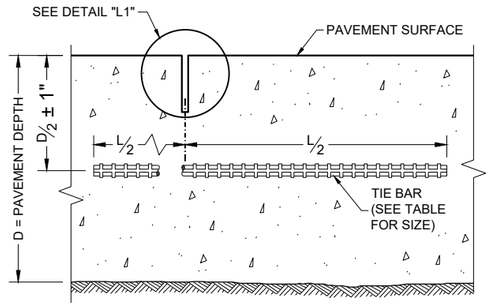
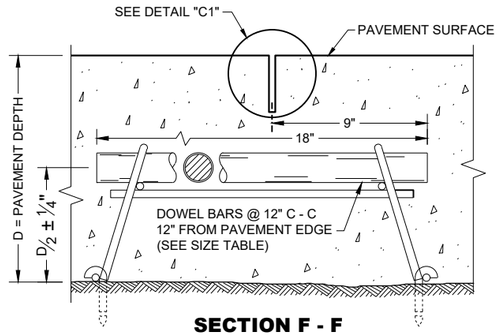


TRANSVERSE JOINTS



SECTION C - C

SAWED LONGITUDINAL JOINT



SECTION F - F

DOWELED CONTRACTION JOINT

GENERAL NOTES

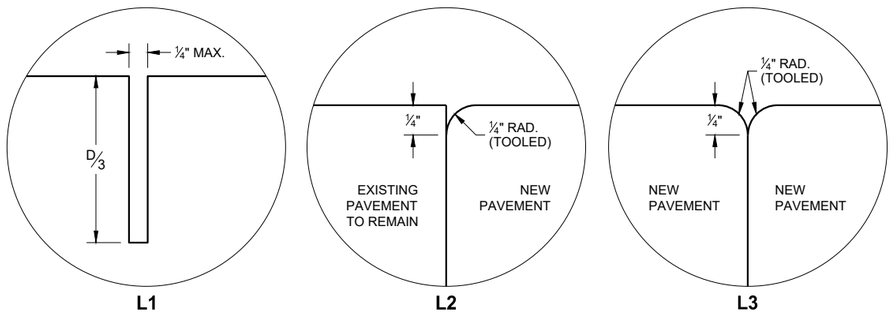
INSTALL DOWEL BARS PARALLEL TO THE PAVEMENT CENTERLINE AND PAVEMENT SURFACE.

CONCRETE PAVEMENT REPAIRS OF EXISTING NON-DOWELED CONCRETE PAVEMENTS DO NOT NEED TO BE DOWELED.

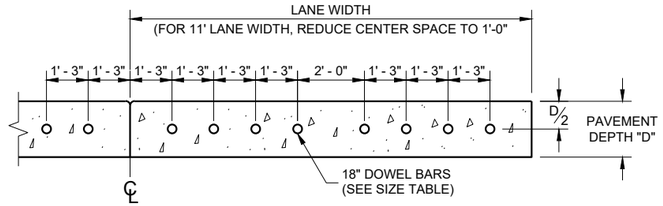
ANCHOR DOWEL BARS AND TIE BARS INTO DRILLED HOLES WITH AN EPOXY.

FOR MULTI-LANE CONCRETE PAVEMENT REPLACEMENTS, PROVIDE A MINIMUM DISTANCE OF 15 INCHES FROM ALL TRANSVERSE JOINTS OR EDGES OF REPLACEMENT TO THE CENTER OF THE TIE BAR NEAREST THAT JOINT OR EDGE.

(1) APPLY A THIN UNIFORM COATING OF SURFACE TREATMENT TO THE FREE END OF DOWEL BARS TO PREVENT BONDING.

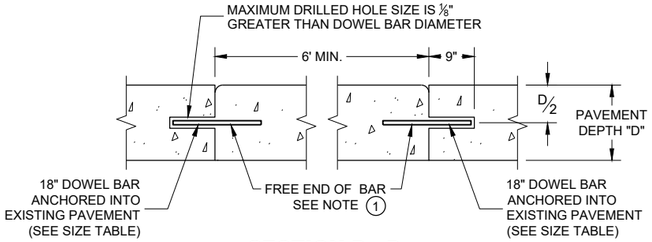


LONGITUDINAL JOINTS



SECTION E - E

DRILLED DOWEL BAR CONSTRUCTION JOINT



SECTION D - D

TIE BAR TABLE

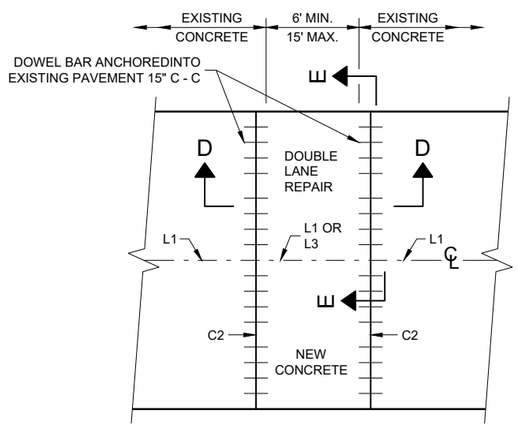
PAVEMENT DEPTH (D)	TIE BAR SIZE	TIE BAR LENGTH (L)	MAX. TIE BAR SPACING
< 10 ½"	NO. 4	30"	36"
≥ 10 ½"	NO. 5	36"	36"
	NO. 4 *	30"	24" **

* SUBSTITUTE BENT BARS AT LONGITUDINAL JOINTS WHEN EQUIPMENT LIMITATIONS DURING CONSTRUCTION WARRANT (e.g. AUXILIARY LANES OR TURN LANES)

** CONFORM TO 15" MINIMUM SPACING FROM TRANSVERSE JOINTS; SPACING BETWEEN TIE BARS WILL BE 30" AT TRANSVERSE JOINTS.

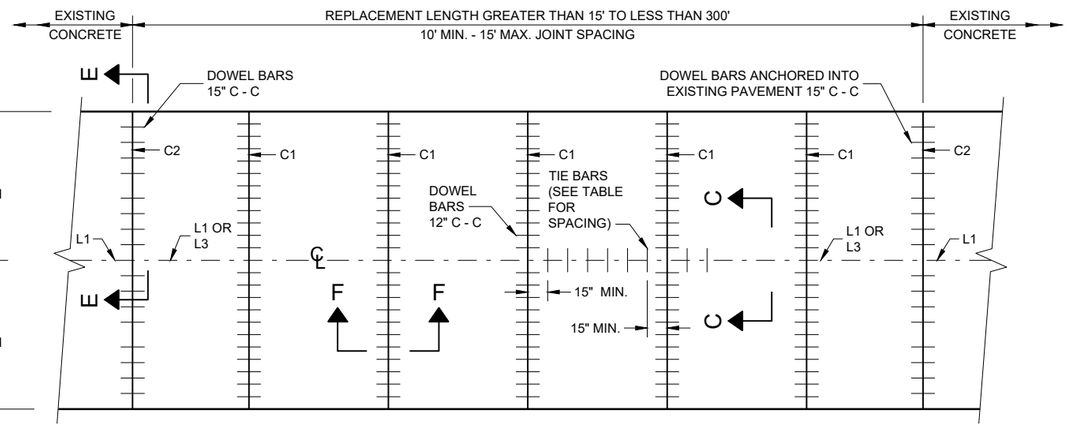
PAVEMENT DEPTH, DOWEL BAR SIZE AND JOINT SPACING TABLE

PAVEMENT DEPTH (D)	DOWEL BAR DIAMETER	DRILLED DOWEL BAR DIAMETER	CONTRACTION JOINT SPACING
6", 6 ½"	NONE	NONE	12'
7", 7 ½"	1"	1"	14'
8" & ABOVE	1 ¼"	1 ¼"	15'



PLAN VIEW

MULTILANE CONCRETE PAVEMENT REPAIR



PLAN VIEW

MULTILANE CONCRETE PAVEMENT REPLACEMENT

CONCRETE PAVEMENT REPAIR AND REPLACEMENT

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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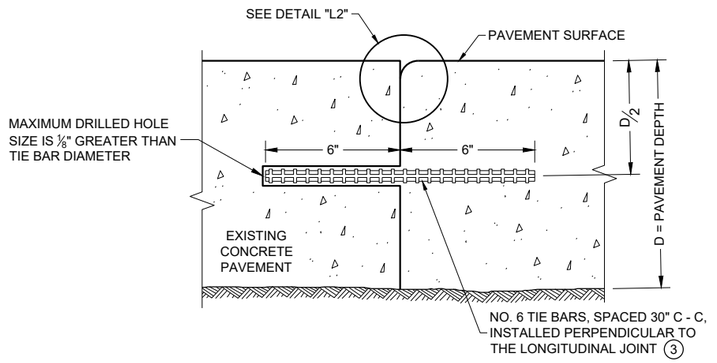
SDD 13C09 - 17b
SDD 13C09 - 17b

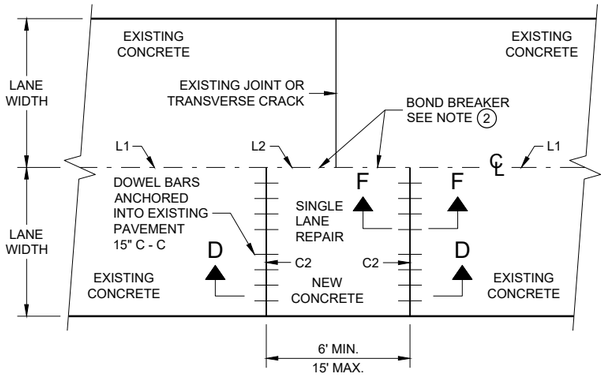


SECTION G - G

TIE BARS ANCHORED INTO EXISTING PAVEMENT

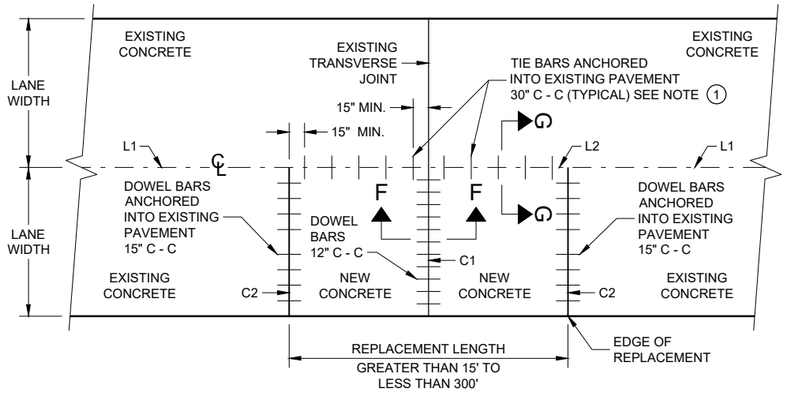
GENERAL NOTES

1. WITH THE APPROVAL OF THE ENGINEER, FOR SINGLE LANE PAVEMENT REPLACEMENTS LESS THAN 30 FEET IN LENGTH, THE CONTRACTOR MAY INSTALL DRILLED TIE BARS ON 6:1 SKEW HORIZONTALLY, DIRECTION OF SKEW ALTERNATING WITH EACH SUCCESSIVE BAR. DRIVE SKEWED TIE BARS TO A DEPTH OF 6 INCHES IN A HOLE OF SUCH A DIAMETER AS TO PROVIDE A TIGHT DRIVEN FIT.
2. USE AN ENGINEER APPROVED BOND BREAKER (E.G. RELEASE AGENT, CURING COMPOUND) FOR SINGLE LANE REPAIRS UP TO 15 FEET IN LENGTH.
3. ANCHOR TIE BARS INTO DRILLED HOLES WITH AN EPOXY.



PLAN VIEW

SINGLE LANE CONCRETE PAVEMENT REPAIR



PLAN VIEW

SINGLE LANE CONCRETE PAVEMENT REPLACEMENT

CONCRETE REPAIR AND REPLACEMENT

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2022
DATE
/S/ Peter Kemp P.E.
PAVEMENT SUPERVISO

FHWA

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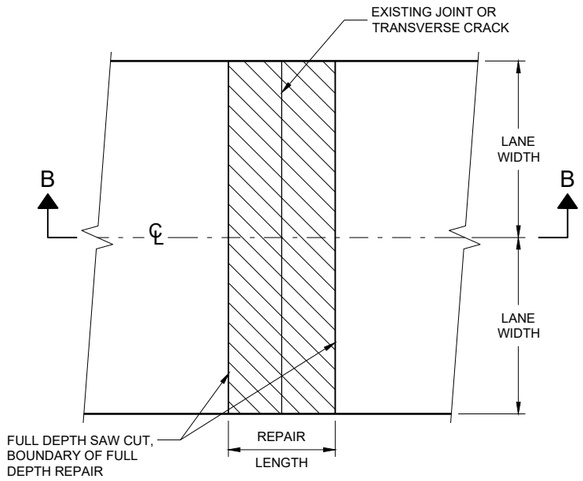
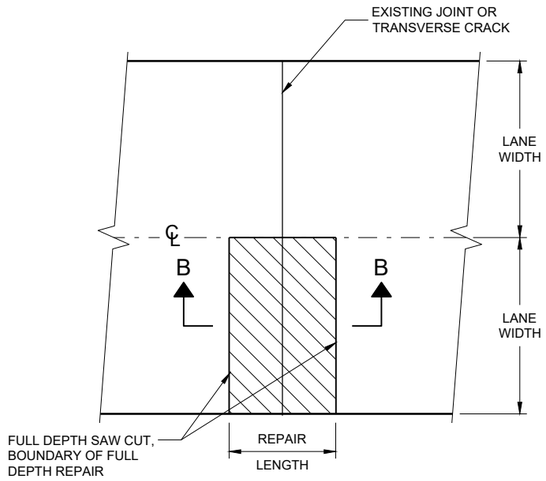
SDD 13C09 - 17c



PLAN VIEW
DOUBLE LANE REPAIR



PLAN VIEW
SINGLE LANE REPAIR

GENERAL NOTES

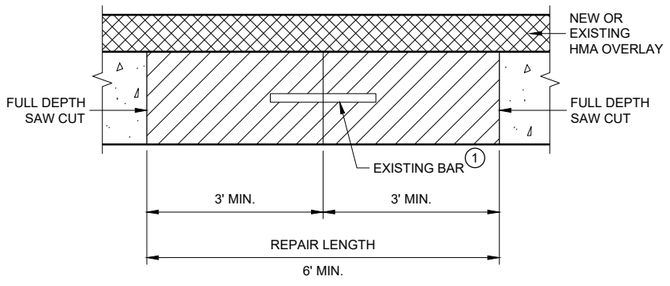
SAW CUT, DRILL, AND LIFT OUT EXISTING CONCRETE PAVEMENT WITHIN THE BOUNDARIES OF CONCRETE REPAIR AREAS. THE CONTRACTOR MAY MAKE ADDITIONAL SAW CUTS INSIDE THE REPAIR LIMITS TO REDUCE WEIGHT AND SIZE OF CONCRETE PIECES.

PROVIDE A 6 FOOT MINIMUM DISTANCE FROM BOUNDARIES OF CONCRETE REPAIR AREA TO ADJACENT TRANSVERSE JOINT OR CRACK.

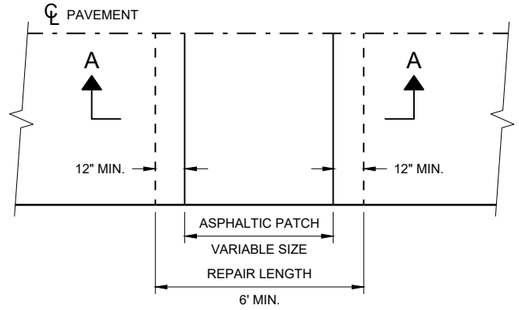
THE LENGTH OF THE REPAIRS MAY VARY FROM THE DIMENSIONS SHOWN IF THE EXISTING CONCRETE PAVEMENT IS NON-DOWELED AND THE PAVEMENT IS TO BE OVERLAID AFTER REPAIRING.

(1) DOWEL BARS MAY NOT BE PRESENT.

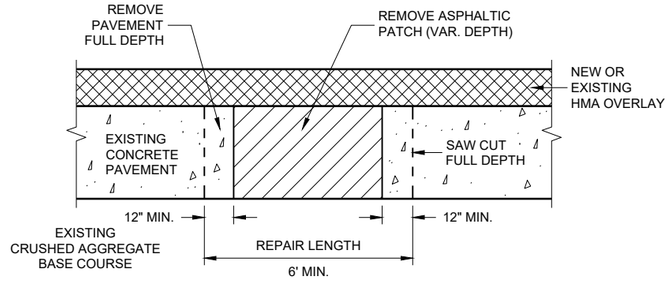
FULL DEPTH CONCRETE PAVEMENT REMOVAL



SECTION B - B
CONCRETE REMOVAL



PLAN VIEW



SECTION A - A

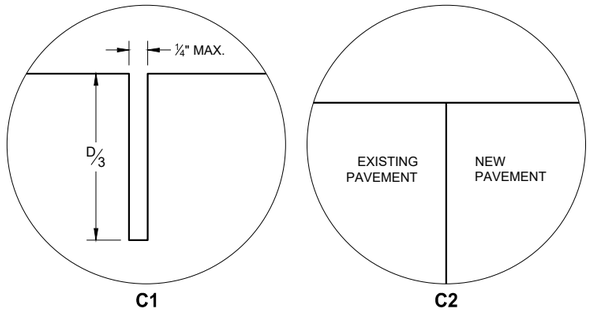
HMA PATCH REMOVAL

BASE PATCHING CONCRETE

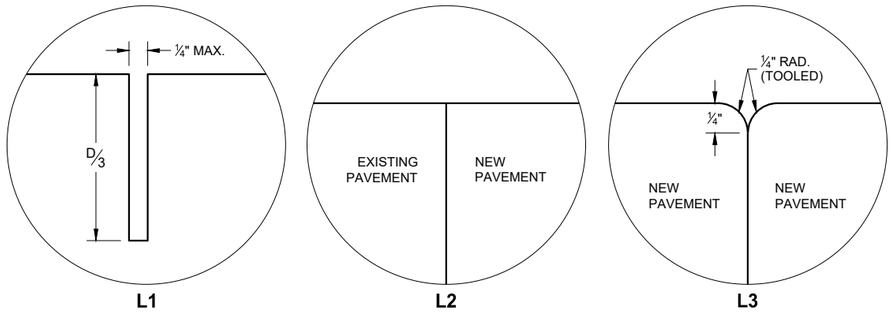
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTA 427

SDD 13C14 - 07a

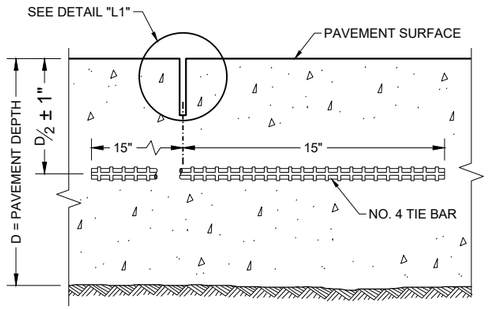
SDD 13C14 - 07a



TRANSVERSE JOINTS

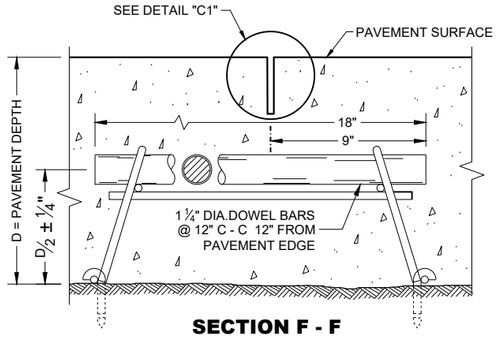


LONGITUDINAL JOINTS



SECTION C - C

SAWED LONGITUDINAL JOINT



SECTION F - F

CONTRACTION JOINT

GENERAL NOTES

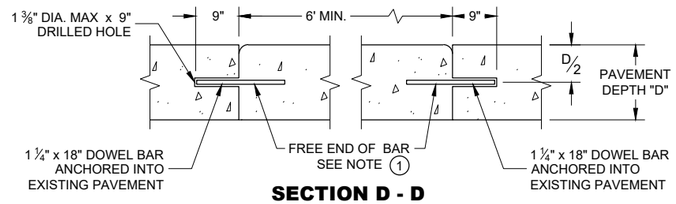
INSTALL DOWEL BARS PARALLEL TO THE PAVEMENT CENTERLINE AND PAVEMENT SURFACE.

CONCRETE BASE PATCHES OF EXISTING NON-DOWELED CONCRETE PAVEMENTS DO NOT NEED TO BE DOWELED.

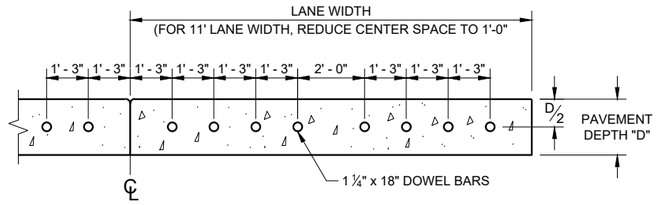
ANCHOR DOWEL BARS AND TIE BARS INTO DRILLED HOLES WITH AN EPOXY.

PROVIDE A MINIMUM DISTANCE OF 15 INCHES FROM ALL TRANSVERSE JOINTS OR EDGES OF REPLACEMENT TO THE CENTER OF THE TIE BAR NEAREST THAT JOINT O EDGE.

(1) APPLY A THIN UNIFORM COATING OF SURFACE TREATMENT TO THE FREE END OF DOWEL BARS TO PREVENT BONDING.

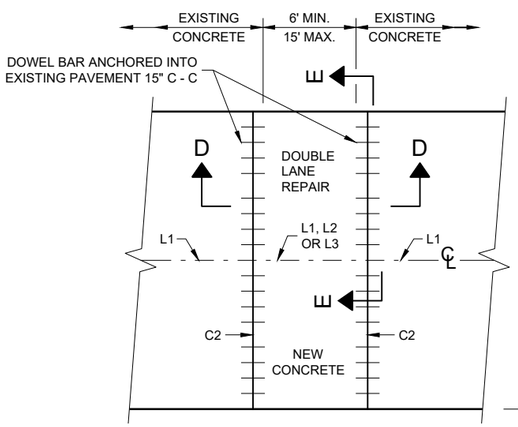


SECTION D - D



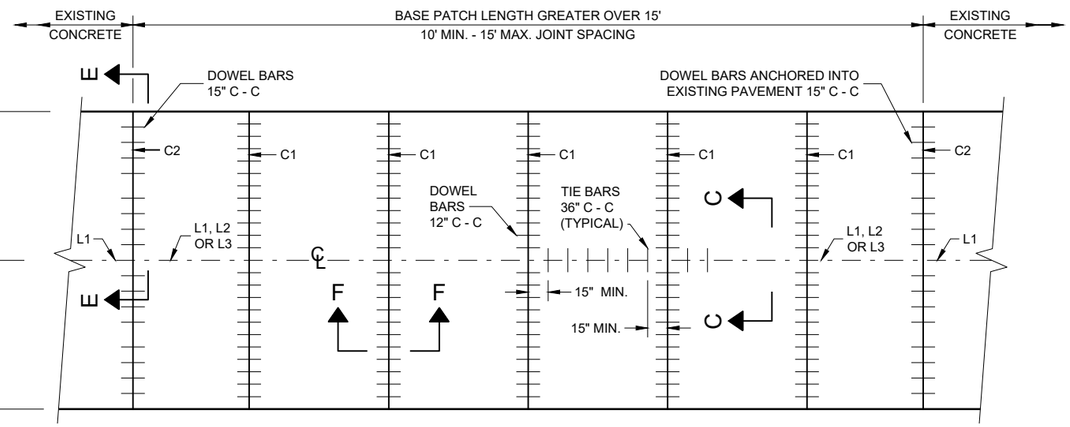
SECTION E - E

SPACING OF DOWEL BARS ANCHORED INTO EXISTING PAVEMENT



PLAN VIEW

MULTILANE CONCRETE BASE PATCH 15' MAXIMUM LENGTH



PLAN VIEW

MULTILANE CONCRETE BASE PATCH GREATER THAN 15' IN LENGTH

BASE PATCHING CONCRETE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTA 428

SDD 13C14 - 07b

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GENERAL NOTES

1. WITH THE APPROVAL OF THE ENGINEER, FOR SINGLE LANE PAVEMENT REPLACEMENTS LESS THAN 30 FEET IN LENGTH, THE CONTRACTOR MAY INSTALL DRILLED TIE BARS ON 6:1 SKEW HORIZONTALLY, DIRECTION OF SKEW ALTERNATING WITH EACH SUCCESSIVE BAR. DRIVE SKEWED TIE BARS TO A DEPTH OF 6 INCHES IN A HOLE OF SUCH A DIAMETER AS TO PROVIDE A TIGHT DRIVEN FIT.
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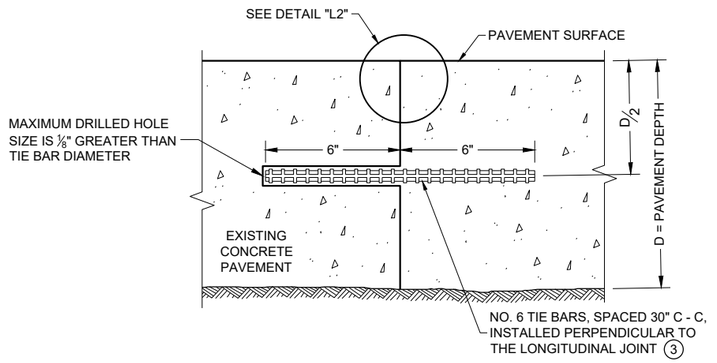
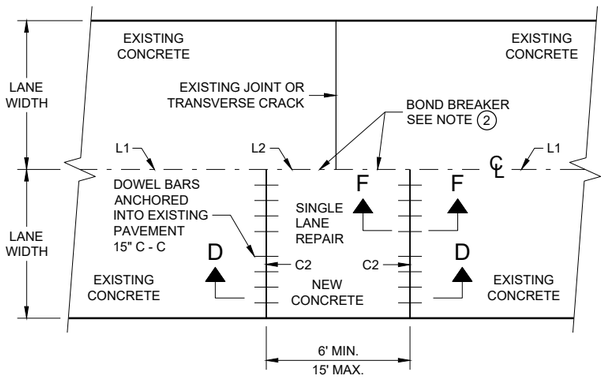


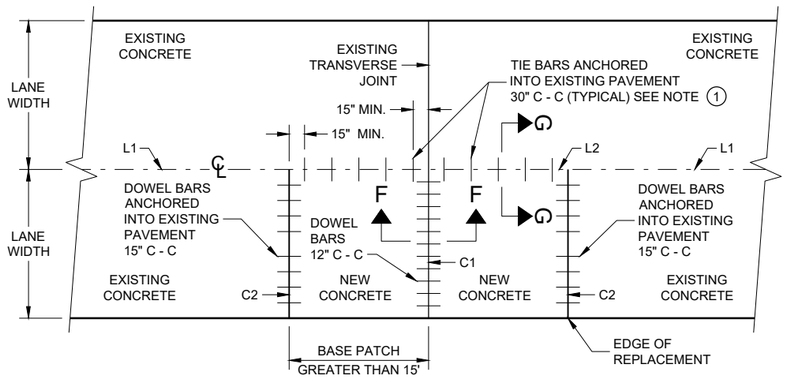
SECTION G - G

TIE BARS ANCHORED INTO EXISTING PAVEMENT



PLAN VIEW

SINGLE LANE CONCRETE BASE PATCH
15' MAXIMUM LENGTH



PLAN VIEW

SINGLE LANE CONCRETE BASE PATCH
GREATER THAN 15' LENGTH

BASE PATCHING CONCRETE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
March 2018
DATE

/S/ Peter Kemp, P.E.
PAVEMENT SUPERVISO

FHWA

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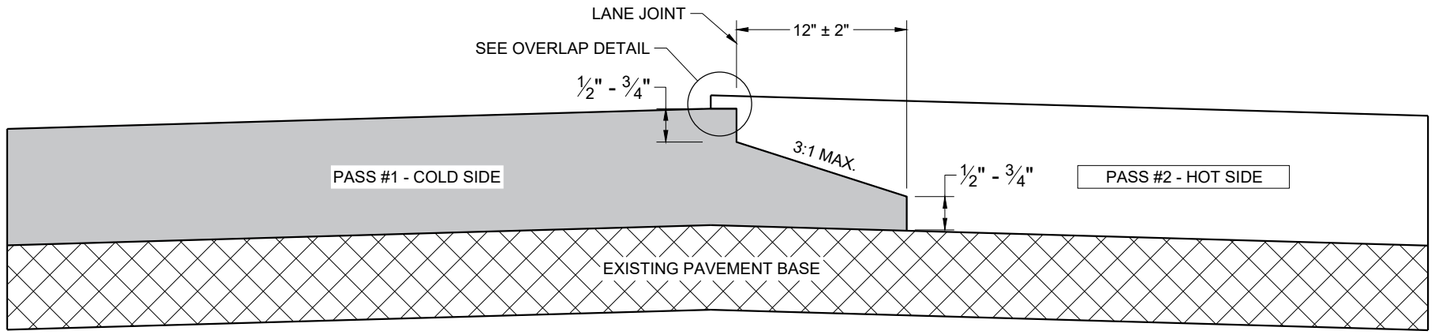
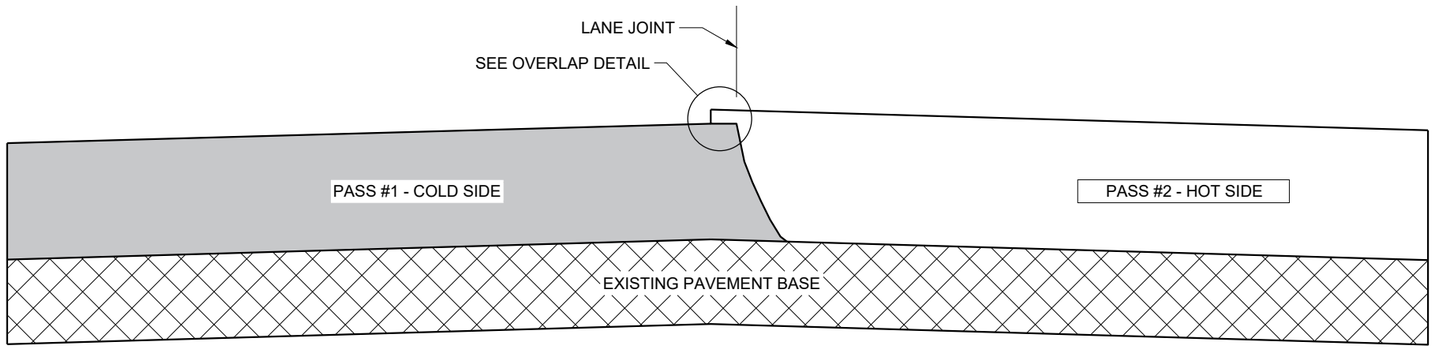
SDD 13C14 - 07c

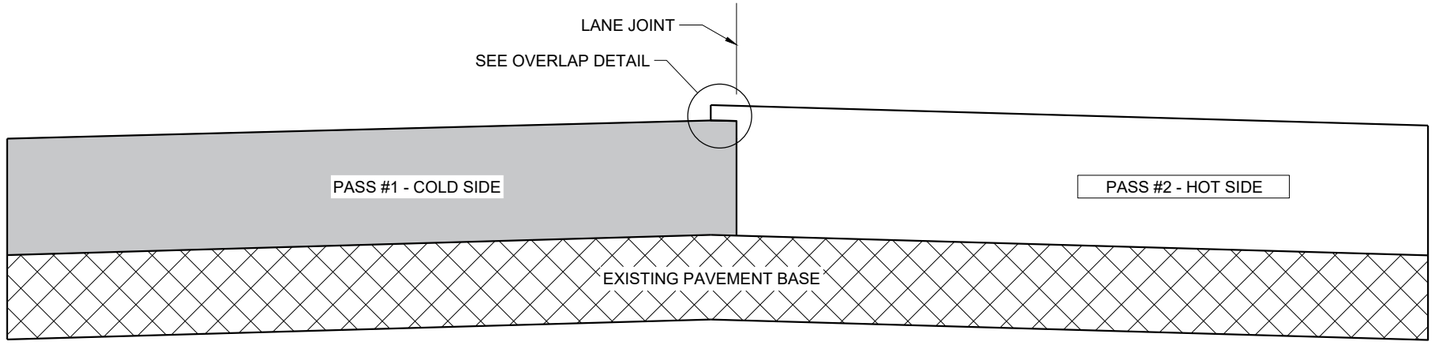
SDD 13C14 - 07c



TYPICAL PAVEMENT CROSS SECTION
NOTCHED WEDGE JOINT



TYPICAL PAVEMENT CROSS SECTION
VERTICAL JOINT



TYPICAL PAVEMENT CROSS SECTION
VERTICAL JOINT (MILLED)

GENERAL NOTES

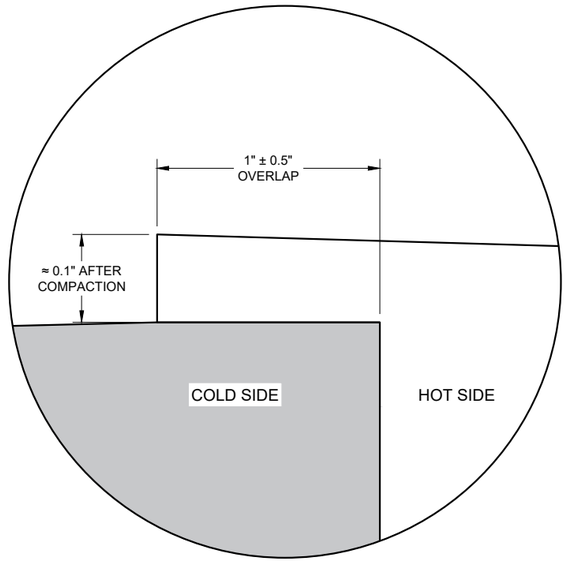
IN ADDITION TO THE DETAILS PROVIDED IN THIS DRAWING, CONFORM TO STANDARD SPECIFICATION 450.3.2.8 FOR WHEN A NOTCHED WEDGE JOINT IS REQUIRED AND FOR GENERAL JOINT CONSTRUCTION REQUIREMENTS.

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)

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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 430

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.

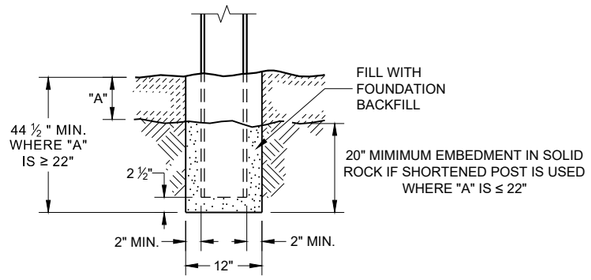
(3) IF ROCK IS ENCOUNTERED DURING EXCAVATION, PROVIDE A HOLE 12 INCHES IN DIAMETER EXTENDING 20 INCHES DEEP INTO THE ROCK. PLACE APPROXIMATELY 2 1/2" INCHES OF GRANULAR MATERIAL IN THE BOTTOM OF THE HOLE. CUT THE POSTS THE TO LENGTH AMD INSTALL. BACKFILL WITH EXCAVATED MATERIAL AND COMPACT. BACKFILL 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).

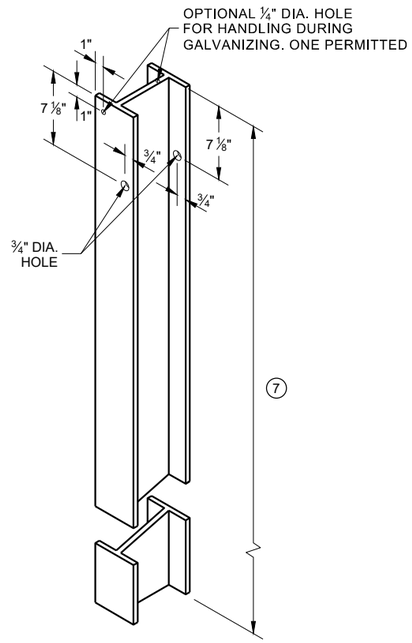
(5) FOR NEW MGS INSTALLATION TOP OF W-BEAM RAIL TOLERANCE IS ±1". FOR EXISTING MGS INSTALLATION TOP OF W-BEAM IS BETWEEN 27 ¾" TO 32".

(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.

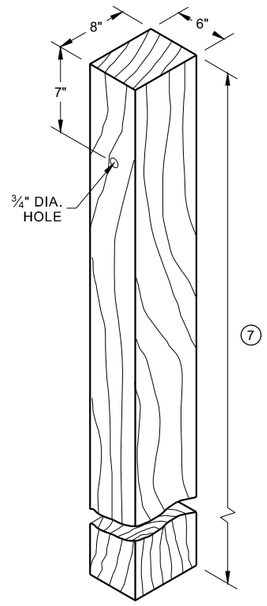
(7) TOTAL POST LENGTH FOR TYPE K IS 7' - 0".
TOTAL POST LENGTH FOR OTHER MGS TYPES IS 6' - 0".



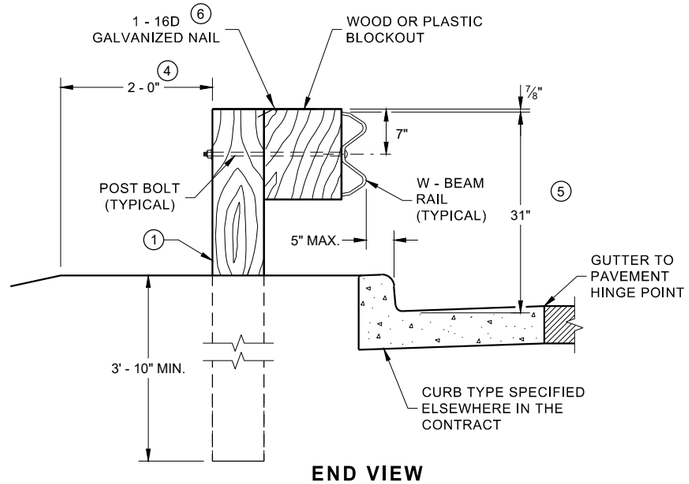
END VIEW
SETTING STEEL OR WOOD POST IN ROCK (3)



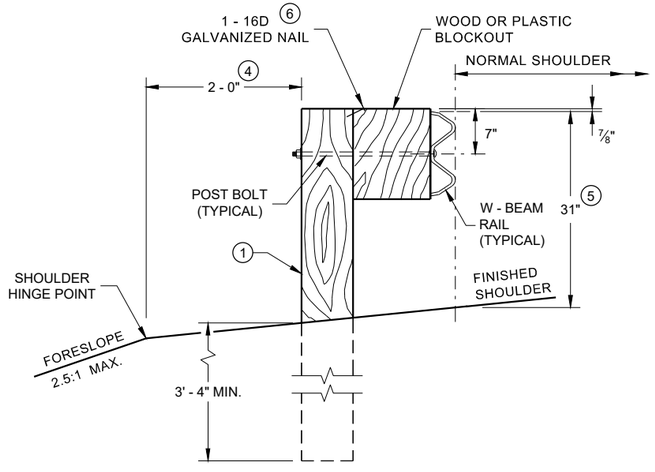
STEEL POST & HOLE PUNCHING DETAIL (W 6 X 9) (1)



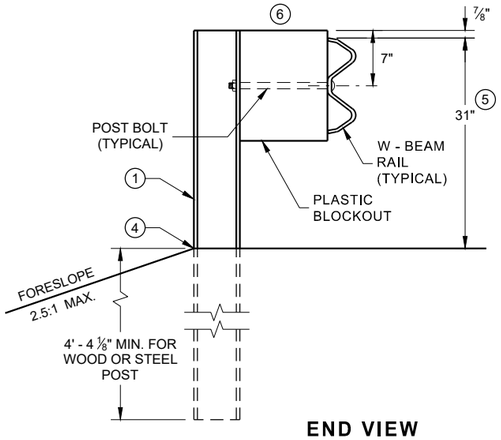
WOOD POST (6" X 8") NOMINAL (1)



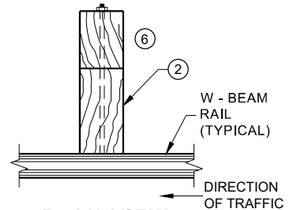
END VIEW
LOCATED ALONG A CURBED ROADWAY



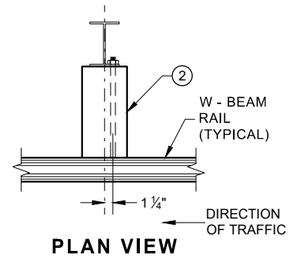
END VIEW
LOCATED ALONG A ROADWAY SHOULDER STANDARD INSTALLATION



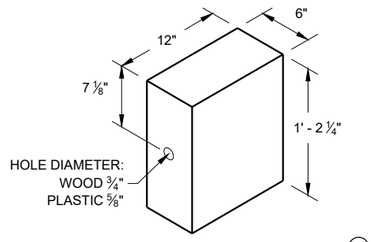
END VIEW
MGS LONGER POST AT HALFPOST SPACING W BEAM (K)



PLAN VIEW
WOOD POST, BLOCKOUT & BEAM



PLAN VIEW
STEEL POST, PLASTIC BLOCKOUT & BEAM

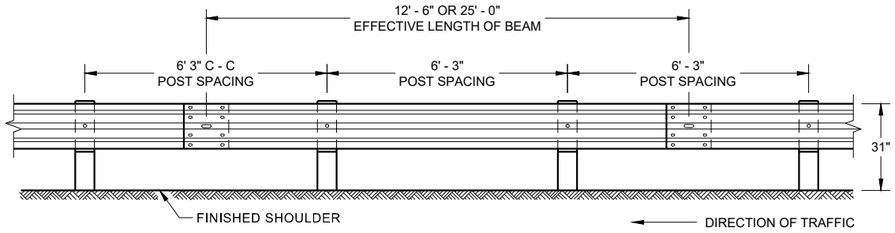


WOOD OR PLASTIC BLOCKOUT (2)

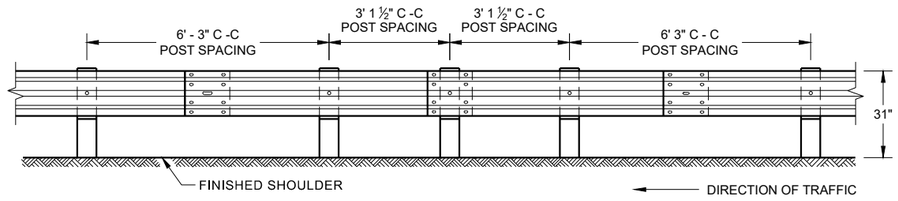
MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

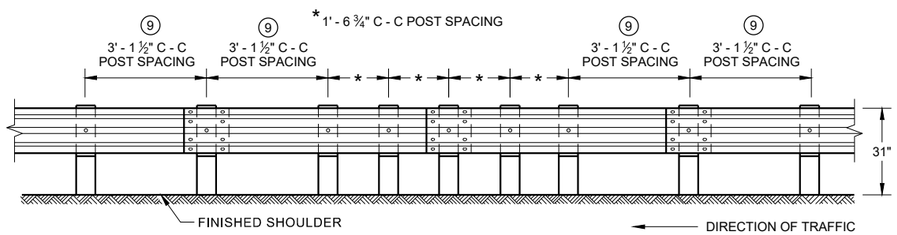
6
SDD 14B42 - 07a



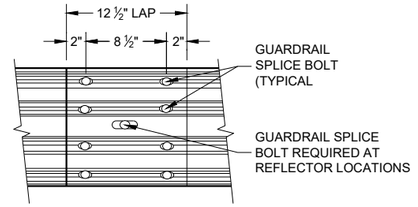
FRONT VIEW
POST SPACING STANDARD INSTALLATION



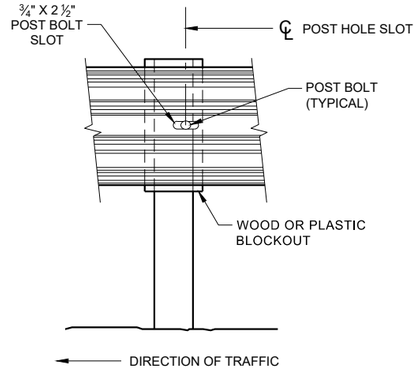
FRONT VIEW
HALF POST SPACING (HS) AND HALF POST SPACING WITH LONGER POSTS (K)



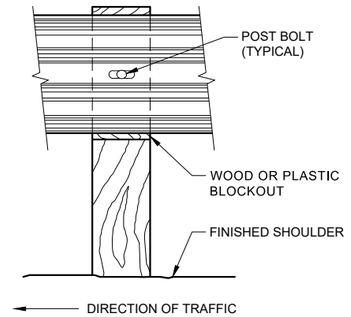
FRONT VIEW
QUARTER POST SPACING (QS)



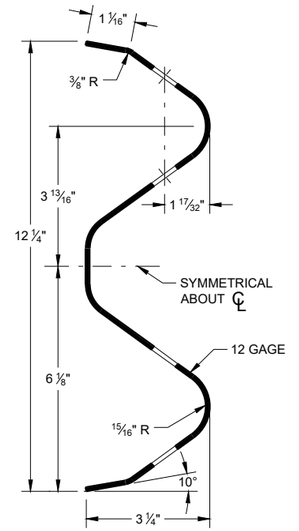
FRONT VIEW
MID-SPAN BEAM SPLICE



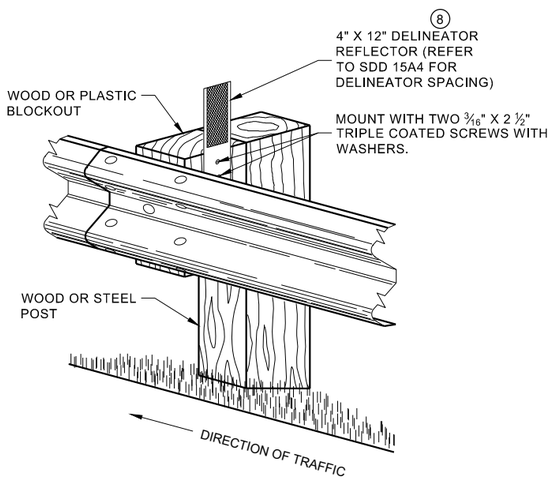
FRONT VIEW AT STEEL POST



FRONT VIEW AT WOOD POST



SECTION THRU W-BEAM RAIL



ONE SIDED REFLECTOR DETAIL AND TYPICAL INSTALLATION

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.

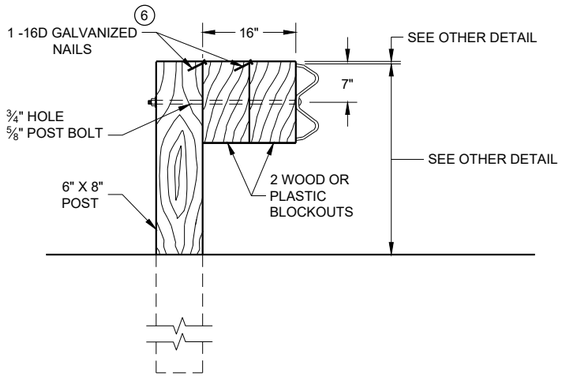
POST BOLTS ARE A ⅝" DIAMETER ASTM A307 GUARDRAIL BOLT. A POST BOLT REQUIRES ⅝" DIAMETER A563A DOUBLE RECESSED (DR) HEAVY HEX NUT AND ⅝" DIAMETER F844 FLAT WASHER. POST BOLTS MAY BE LONGER IF MULTIPLE BLOCKOUTS ARE BEING USED.

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.

MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6
SDD 14B42 - 07b

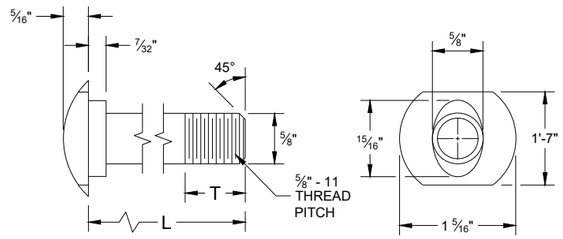


DETAIL FOR 16" BLOCKOUT DEPTH

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.

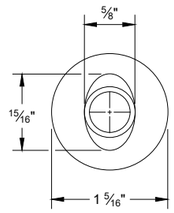
NOTE:

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.

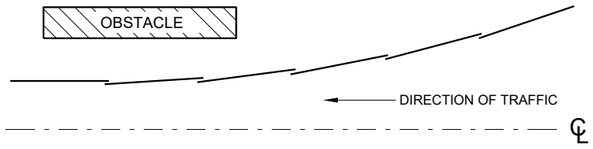


POST BOLT TABLE

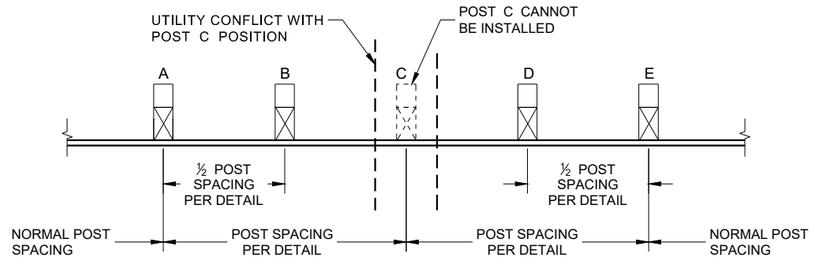
L	T (MIN.)
1 ¼"	1 ⅛"
2"	1 ¾"
10"	4"
14"	4 1⁄16"
18"	4"
21"	4 1⁄16"
25"	4"



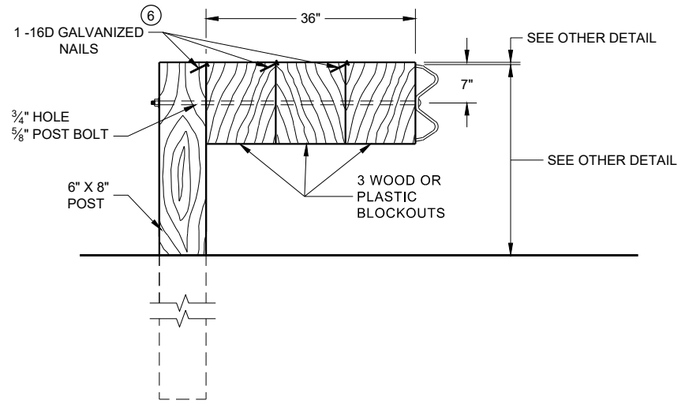
ALTERNATE BOLT HEAD



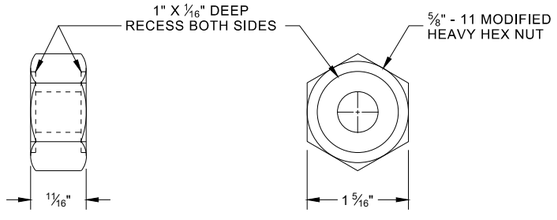
PLAN VIEW
BEAM LAPPING DETAIL



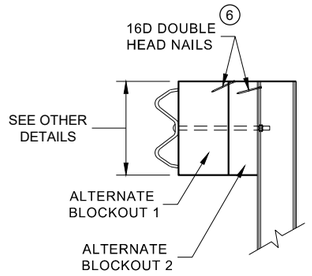
POST DRIVING FOR CONTINUOUS UNDERGROUND OBSTRUCTION



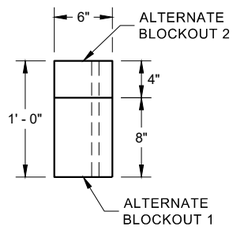
DETAIL FOR 36" BLOCKOUT DEPTH



POST BOLT, SPLICE BOLT AND RECESS NUT



SIDE VIEW



PLAN VIEW

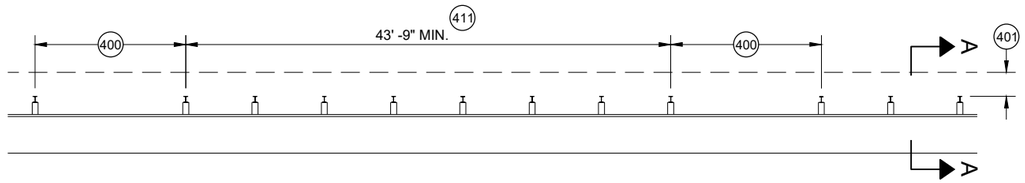
ALTERNATE WOOD BLOCKOUT DETAIL

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.

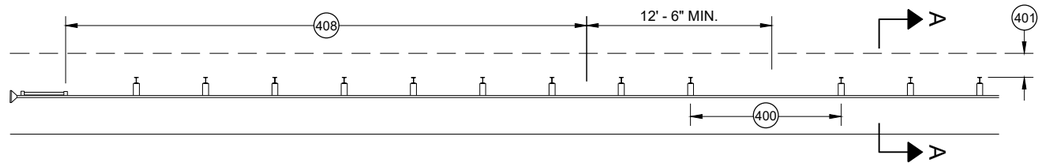
DO NOT USE 16" OR 36" BLOCKOUTS IF IT CAUSES THE POST TO BE DRIVEN BEYOND SHOULDER HINGE POINT OR CAUSES A FIXED OBJECT TO BE WITHIN THE DEFLECTION DISTANCE OF THE BARRIER.

(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.

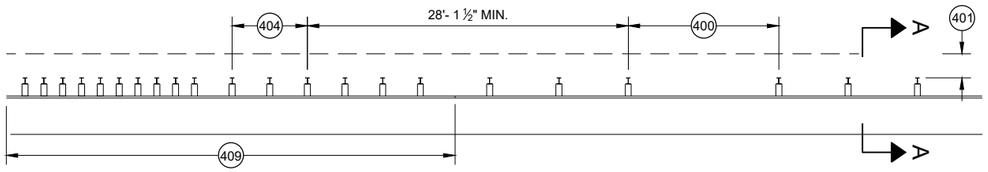
MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL



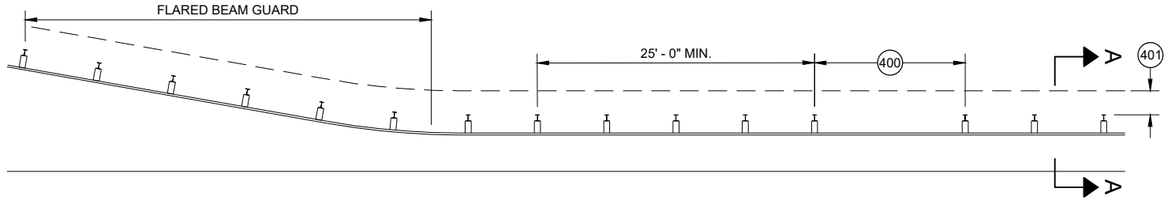
MISSING POST IN MGS GUARDRAIL



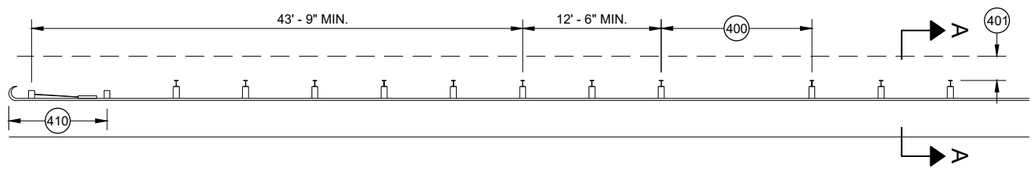
MISSING POST IN MGS GUARDRAIL NEAR EAT



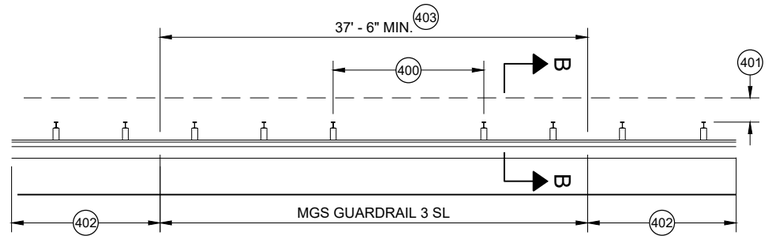
MISSING POST IN MGS GUARDRAIL NEAR AN APPROACH TRANSITION



MISSING POST IN MGS GUARDRAIL NEAR FLARED BEAM GUARD

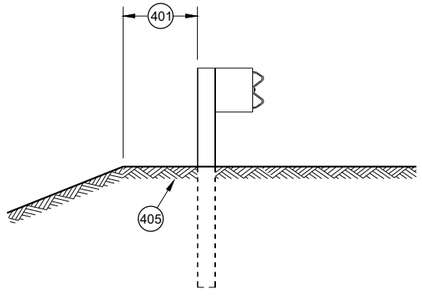


MISSING POST IN MGS GUARDRAIL NEAR A TYPE 2 END TERMINAL

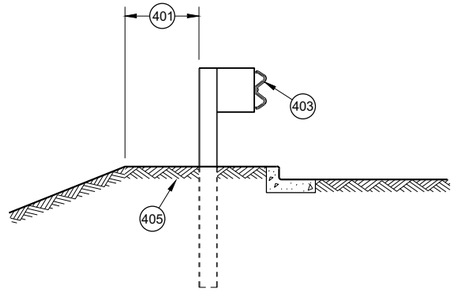


MISSING POST IN SHORT SPAN MGS GUARDRAIL NEAR CURB (SL) 407

(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

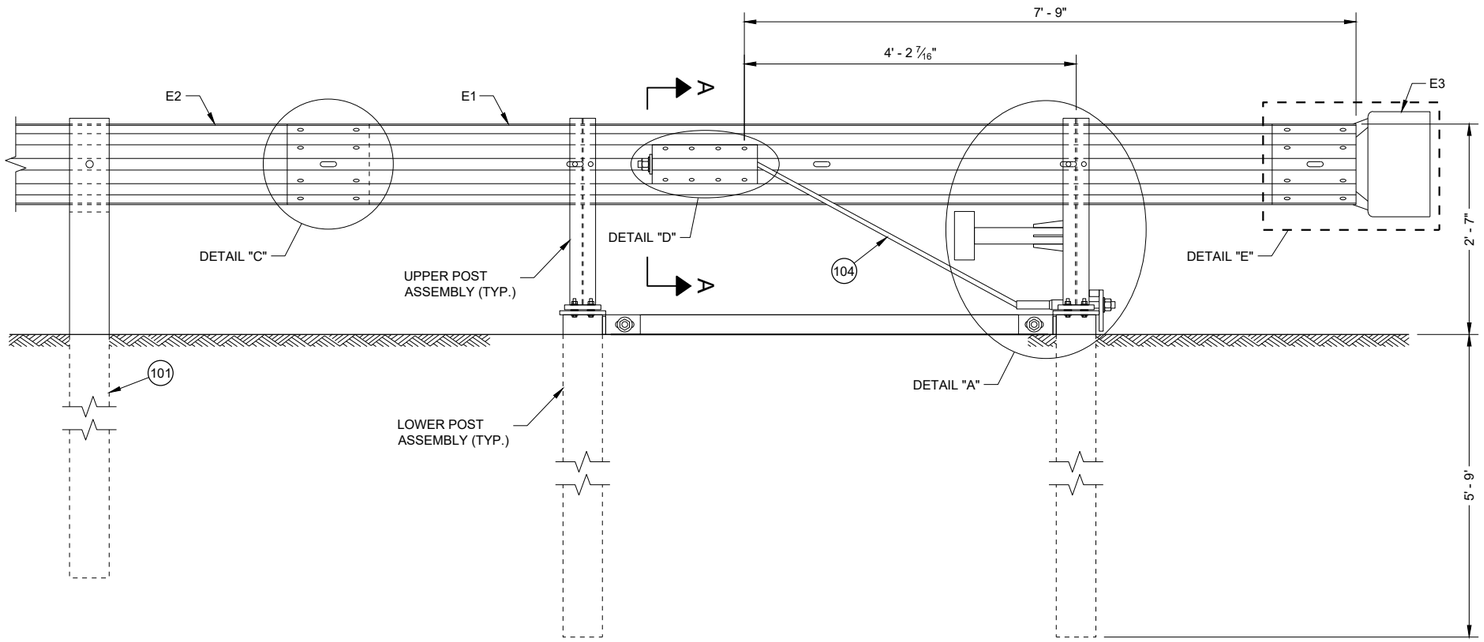
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2021
DATE
/S/ Rodney Taylor
ROADWAY STANDARDS DEVE
UNIT SUPERVISOR

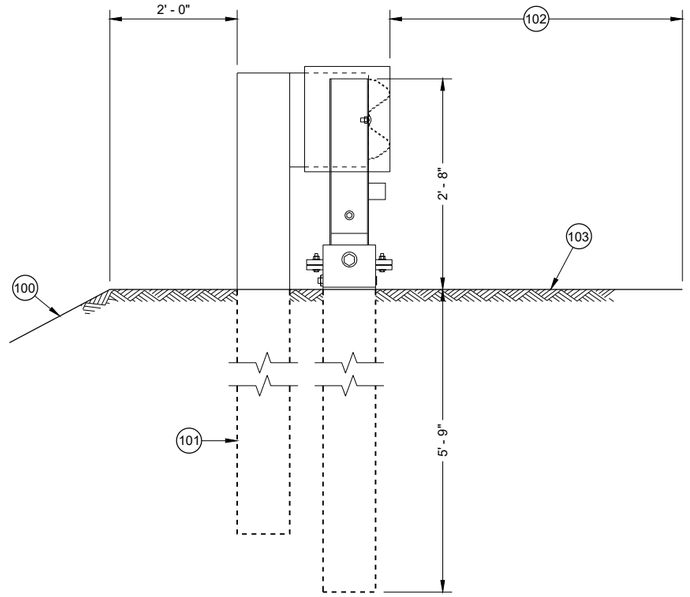
FHWA

6

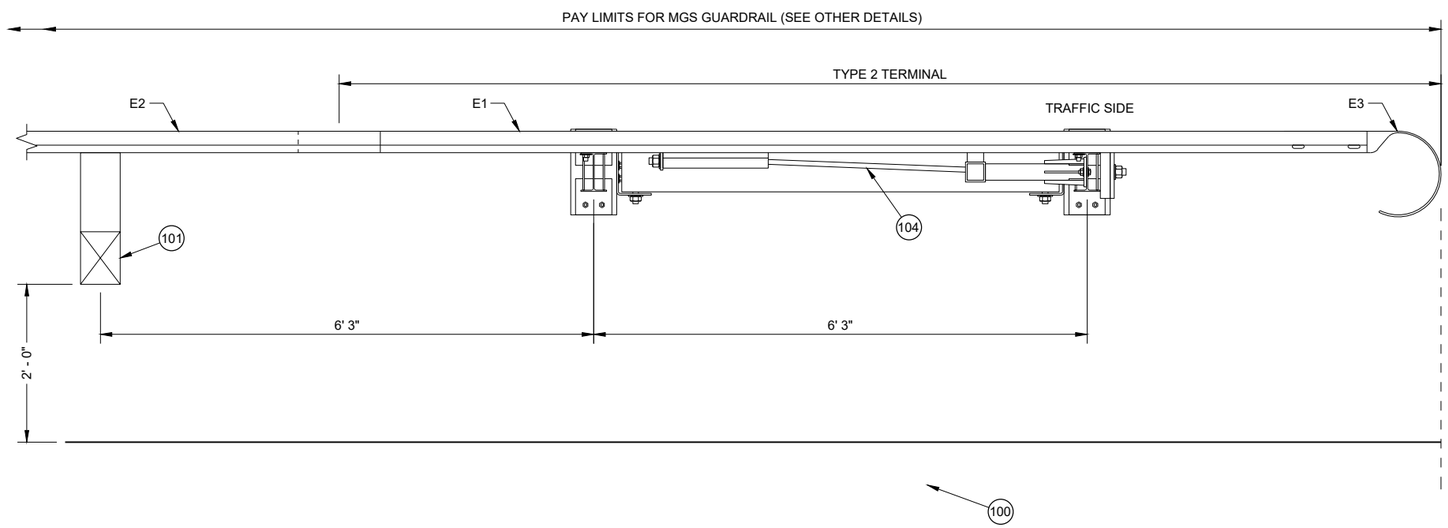
SDD 14B42 - 07d



BACK VIEW
TYPE 2 TERMINAL



SIDE VIEW
TYPE 2 TERMINAL



TOP VIEW
TYPE 2 TERMINAL

GENERAL NOTES

(100) MAXIMUM SLOPE IS 2.5:1.

(101) SEE SDD 14B42 FOR MORE INFORMATION.

(102) SHOULDER

(103) MAXIMUM SLOPE IS 10:1.

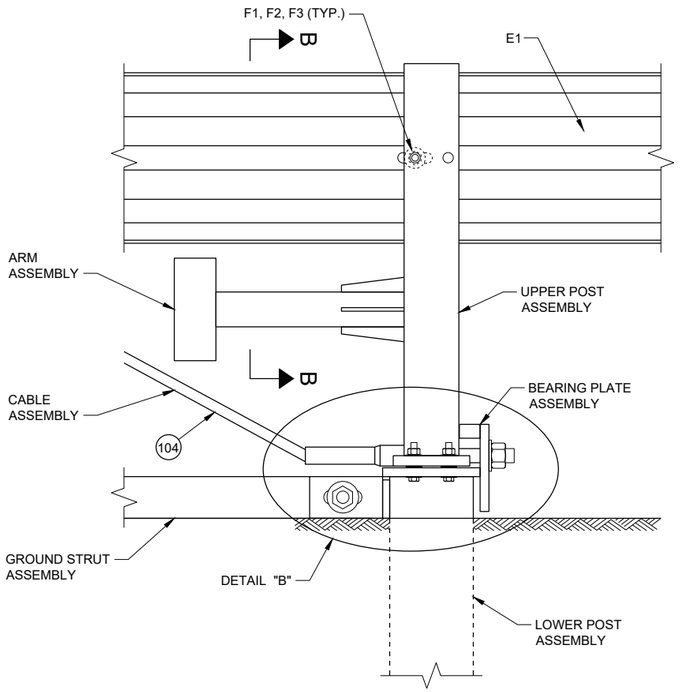
(104) AFTER ASSEMBLY, CABLE IS TO BE TIGHTENED WITHOUT TWISTING THE CABLE.

MIDWEST GUARDRAIL SYSTEM (MGS)
TYPE 2 TERMINAL

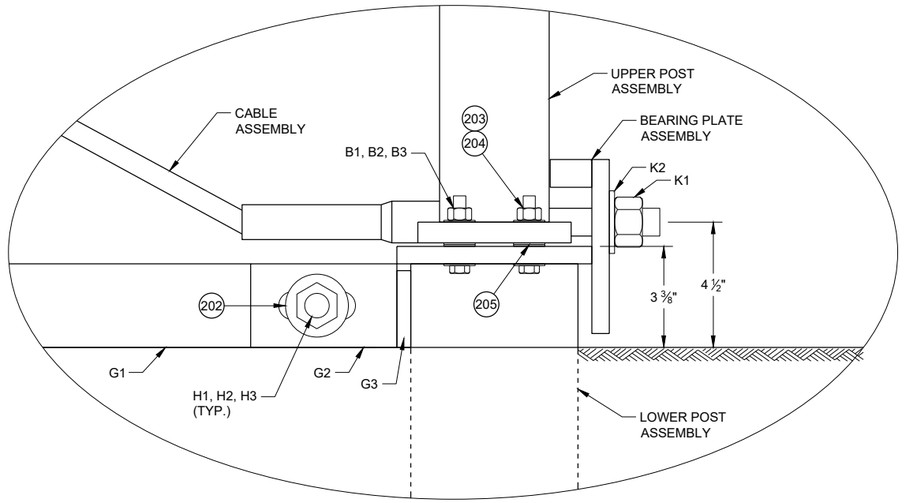
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

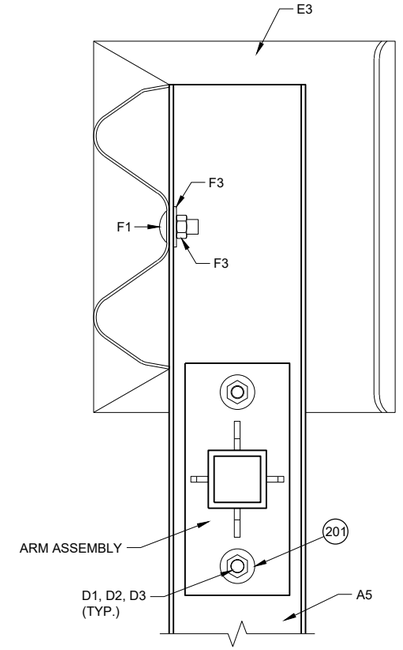
SDD 14B47 - 05a



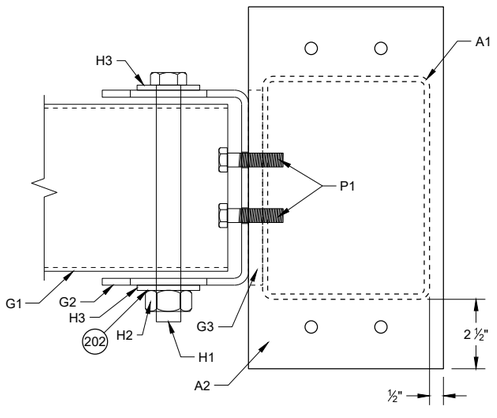
DETAIL "A"



DETAIL "B"

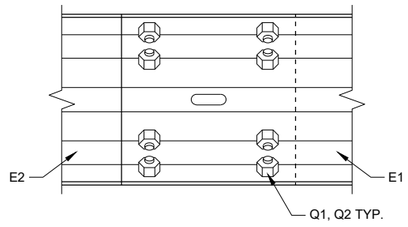


SECTION B - B



TOP VIEW

GROUND STRUT CONNECTION DETAIL



DETAIL "C"

GENERAL NOTES

200 INSTALL ONE WASHER UNDER BOLT HEAD AND RAIL AND ON WASHER BETWEEN NUT AND ANCHOR BRACKET ASSEMBLY.

201 INSTALL ONE WASHER UNDER BOLT HEAD AND UPPER POST ASSEMBLY AND ONE WASHER BETWEEN NUT AND ARM PLATE.

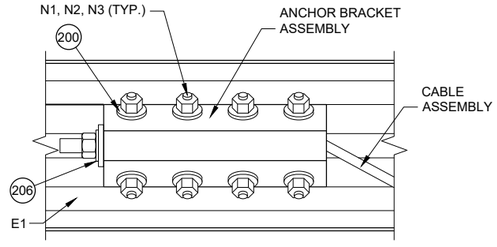
202 INSTALL ONE WASHER UNDER BOLT HEAD AND GROUND STRUT CONNECTOR AND ONE WASHER BETWEEN NUT AND GROUND STRUT CONNECTOR.

203 INSTALL ONE WASHER UNDER BOLT HEAD AND LOWER POST ASSEMBLY AND ONE WASHER BETWEEN NUT AND UPPER POST ASSEMBLY.

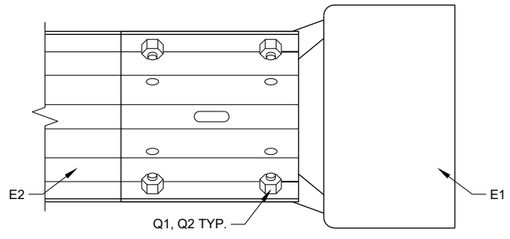
204 TORQUE VALUE IS BETWEEN 60 - 75 FT-LB.

205 TWO WASHERS BETWEEN UPPER AND LOWER POST ASSEMBLY.

206 INSTALL ONE WASHER BETWEEN NUT AND ANCHOR BRACKET ASSEMBLY.



DETAIL "D"



DETAIL "E"

MIDWEST GUARDRAIL SYSTEM (MGS) TYPE 2 TERMINAL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

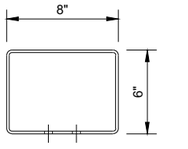
SDD 14B47 - 05b

6

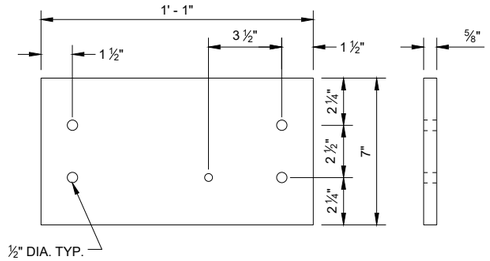
SDD 14B47 - 05b

GENERAL NOTES

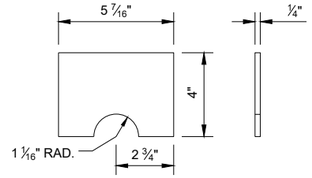
(300) TAP FOR 1/2" AFTER GALVANIZATION



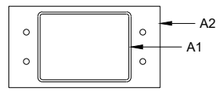
TOP VIEW



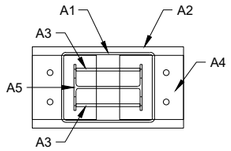
LOWER PLATE (A2)

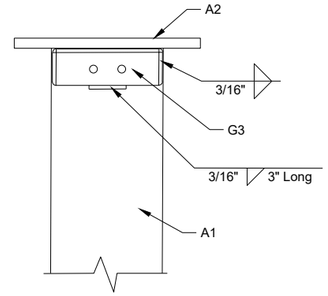


POST GUSSET (A3)

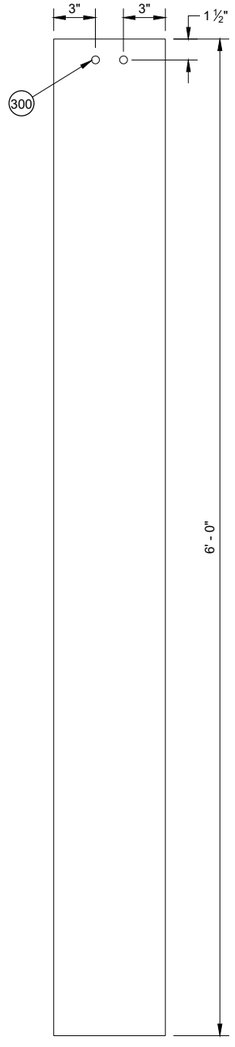


PLAN VIEW



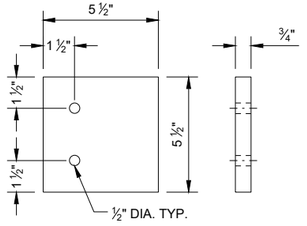


WELDING DETAIL
G3 AND A1

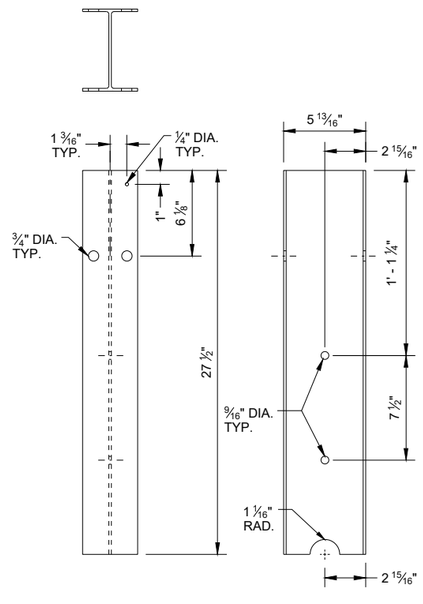


SIDE VIEW

FOUNDATION
TUBE (A1)

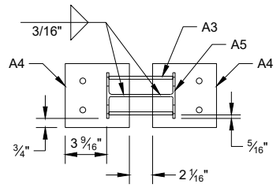


UPPER PLATE (A4)

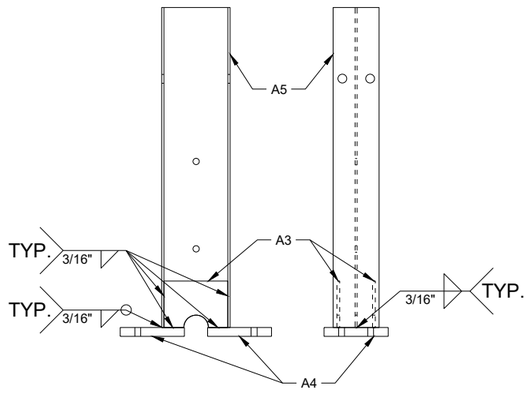


FRONT VIEW SIDE VIEW

TYPE 2 POST (A5)

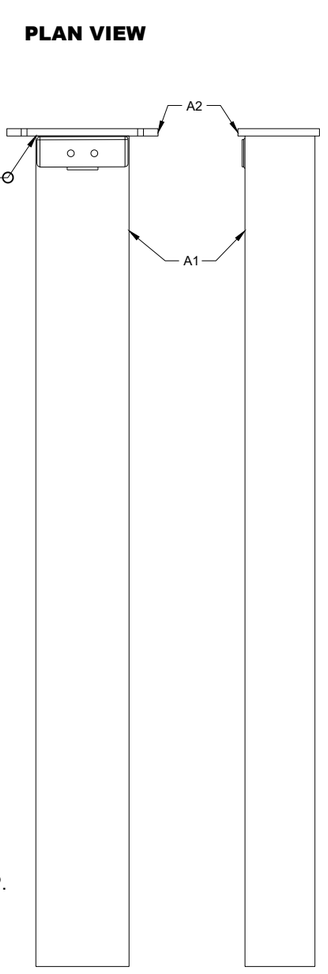


PLAN VIEW



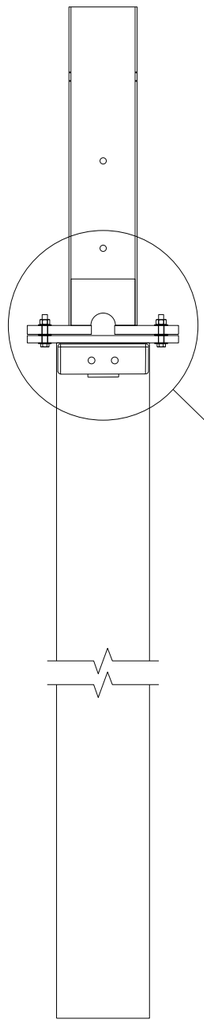
SIDE VIEW FRONT VIEW

UPPER POST ASSEMBLY

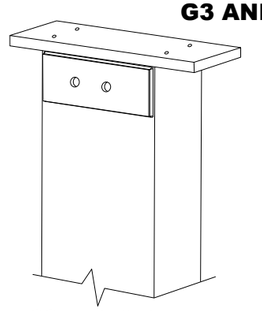


FRONT VIEW SIDE VIEW

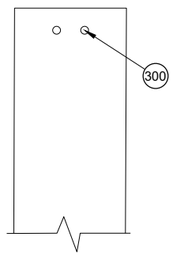
LOWER POST ASSEMBLY



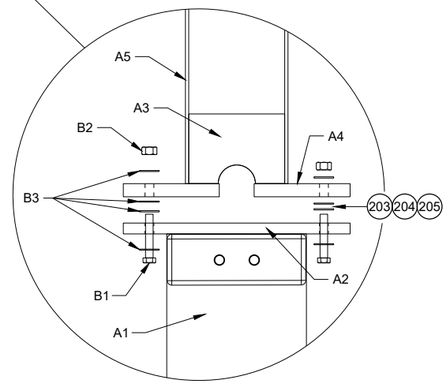
ASSEMBLED POST



ASSEMBLY DETAIL
ISOMETRIC



A1



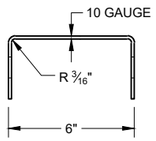
POST CONNECTION DETAIL

MIDWEST GUARDRAIL SYSTEM (MGS) TYPE 2 TERMINAL

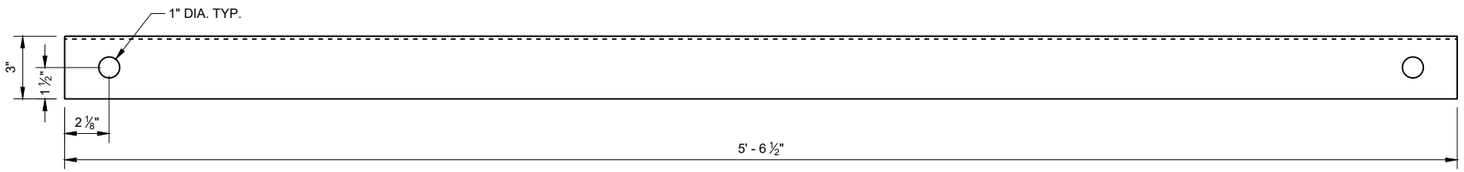
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

SDD14B47 - 05c

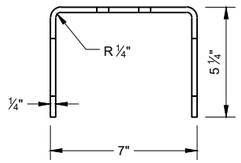


SIDE VIEW

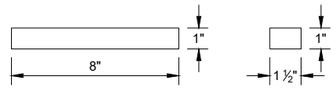


FRONT VIEW

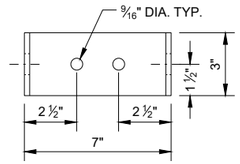
GROUND STRUT CHANNEL (G1)



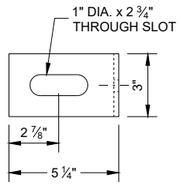
TOP VIEW



BEARING PLATE FLANGE (L2)

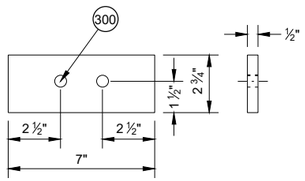


FRONT VIEW

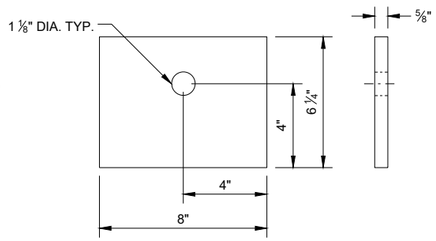


SIDE VIEW

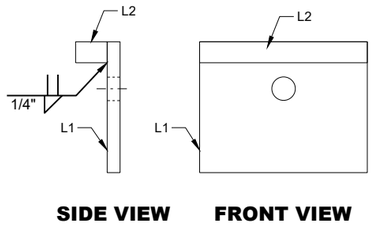
GROUND STRUT CONNECTOR (G2)



GROUND STRUT PLATE (G3)

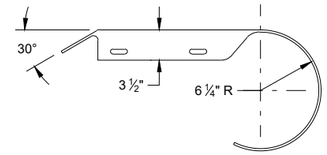


BEARING PLATE (L1)

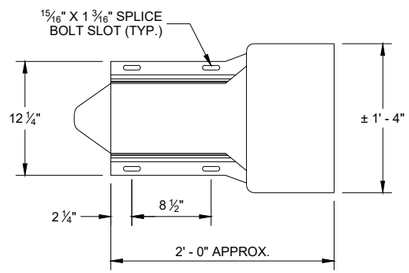


SIDE VIEW FRONT VIEW

BEARING PLATE ASSEMBLY

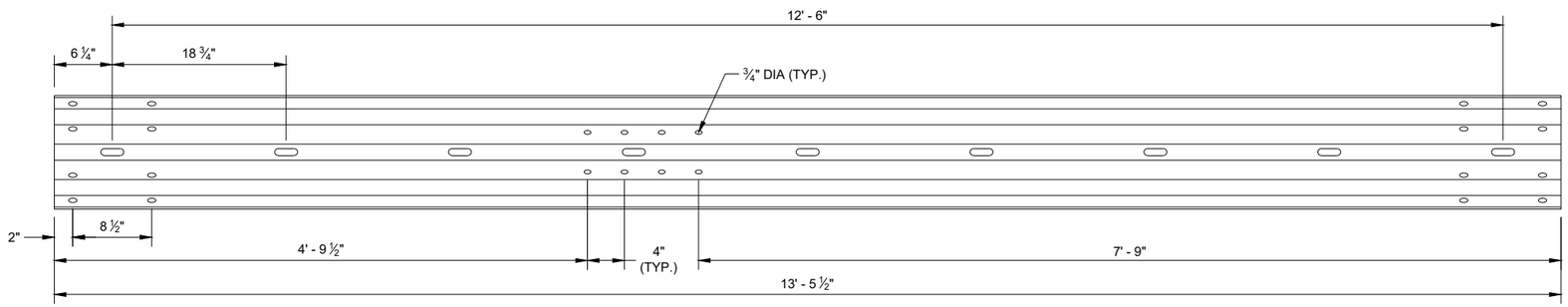


PLAN VIEW

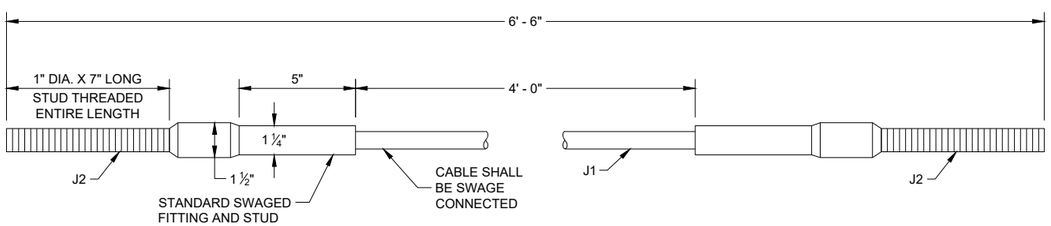


ELEVATION VIEW

ROUNDED BUFFER END (E3)



TYPE 2 GUARDRAIL (E1)



CABLE ASSEMBLY

6

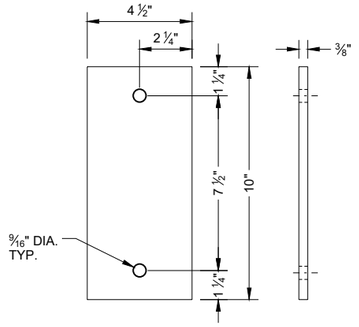
6

SDD 14B47 - 05d

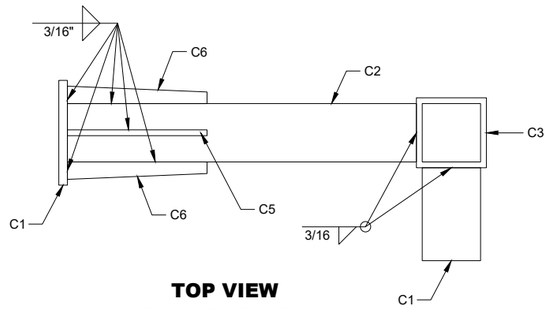
SDD 14B47 - 05d

MIDWEST GUARDRAIL SYSTEM (MGS) TYPE 2 TERMINAL

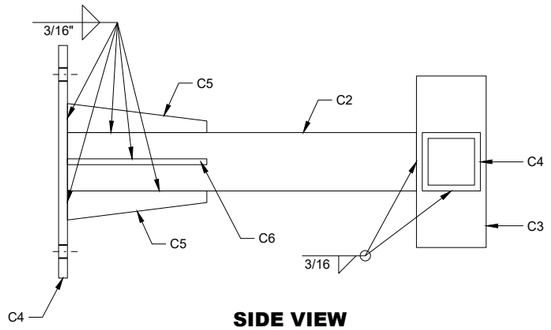
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



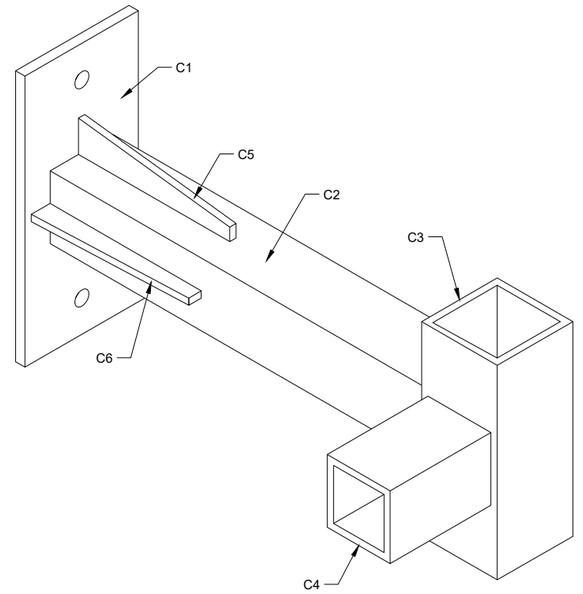
ARM PLATE (C1)



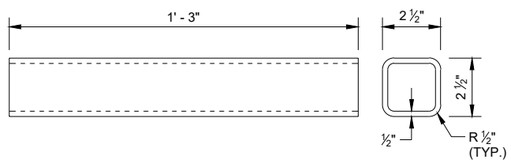
TOP VIEW
ARM ASSEMBLY



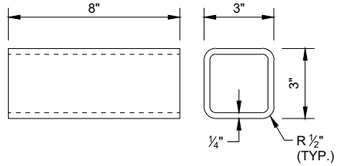
SIDE VIEW
ARM ASSEMBLY



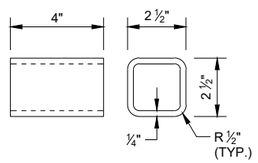
ISOMETRIC VIEW
ARM ASSEMBLY



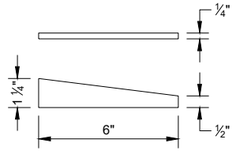
ARM TUBE 1 (C2)



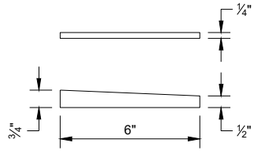
ARM TUBE 2 (C3)



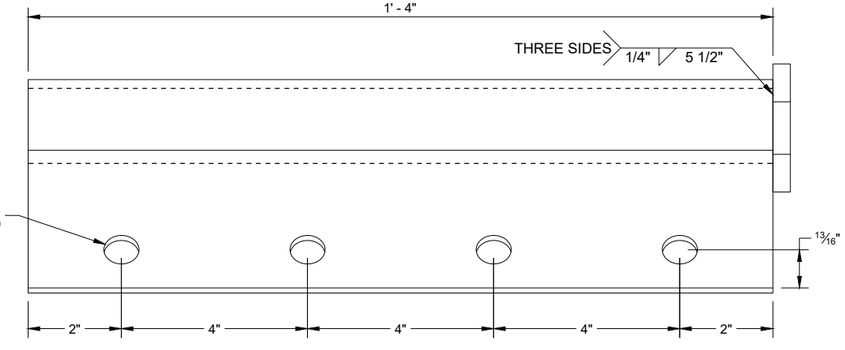
ARM TUBE 3 (C4)

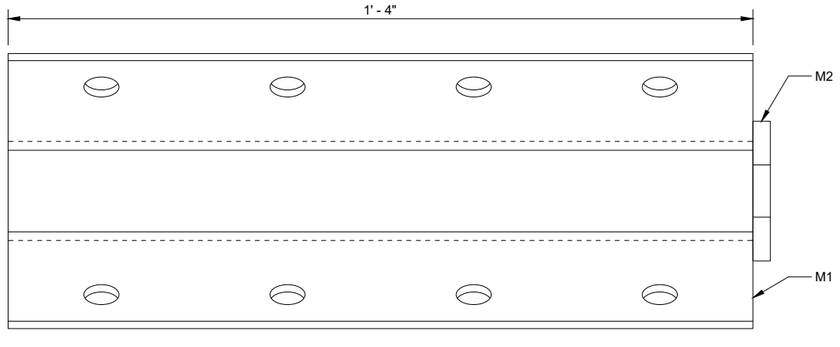


ARM GUSSET PLATE 1 (C5)

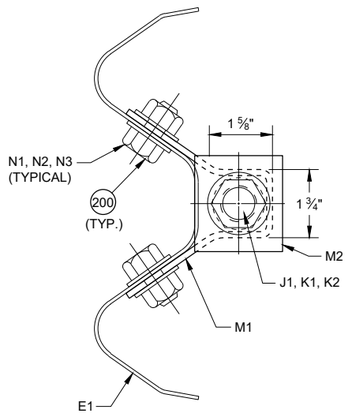


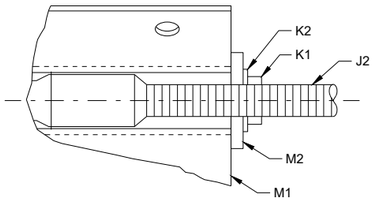
ARM GUSSET PLATE 2 (C6)



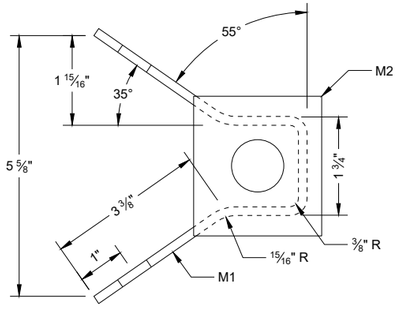


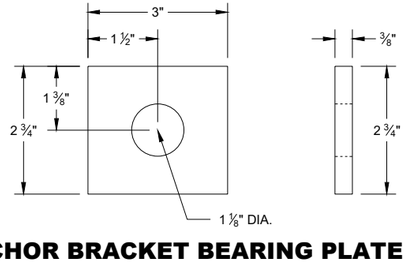
ANCHOR BRACKET (M1, M2)





SECTION A - A





ANCHOR BRACKET BEARING PLATE (M2)

MIDWEST GUARDRAIL SYSTEM (MGS) TYPE 2 TERMINAL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

SDD14B47 - 05e

BILL OF MATERIALS - TYPE 2 TERMINAL (MGS)

PART	DESCRIPTION	MATERIALS SPECIFICATIONS	NOTES
A1	TYPE 2 FOUNDATION TUBE	AASHTO M111 / ASTM A123 ASTM A500 GRADE B OR ASTM A-501	TS 8" x 6" x 3/16"
A2	LOWER 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	5/8" THICKNESS
A3	POST GUSSET	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	1/4" THICKNESS
A4	UPPER 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	3/4" THICKNESS
A5	TYPE 2 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, w6x9 or w6x8.5	
B1	BREAKAWAY 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 F3125 GRADE A325 TYPE 1 HEAVY HEX HEAD OR SAE J429 GRADE 5 HEAVY HEX HEAD / ASTM A449 TYPE 1 HEAVY HEX HEAD. BOLTS MAY BE FULLY THREADED . PROVIDE ENOUGH THREADING FOR PROPER TIGHTENING OF BOLT.	7/16" DIA.
B2	BREAKAWAY 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)	7/16" DIA.
B3	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 / 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	
C1	ARM 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	3/8" THICKNESS
C2	ARM ASSEMBLY TUBE 1	AASHTO M111 / ASTM A123 ASTM A500 GRADE B OR ASTM A-501	TS 8" x 6" x 3/16"
C3	ARM ASSEMBLY TUBE 2	AASHTO M111 / ASTM A123 ASTM A500 GRADE B OR ASTM A-501	TS 3" x 3" x 1/4"
C4	ARM ASSEMBLY TUBE 3	AASHTO M111 / ASTM A123 ASTM A500 GRADE B OR ASTM A-501	TS 2 1/2" x 2 1/2" X 1/4"
C5	ARM ASSEMBLY GUSSET PLATE 1	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	1/4" THICKNESS
C6	ARM ASSEMBLY GUSSET PLATE 2	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	1/4" THICKNESS
D1	ARM ASSEMBLY 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	1/2" DIA.
D2	ARM ASSEMBLY 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)	1/2" DIA.
D3	ARM ASSEMBLY 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	1/2" DIA.
E1	TYPE 2 GUARD RAIL	AASHTO M180 CLASS A TYPE 2 12 GAUGE APPROVED PRODUCER	
E2	BEAM GUARD RAIL	AASHTO M180 CLASS A TYPE 2 12 GAUGE APPROVED PRODUCER	
E3	BEAM GUARD ROUNDED BUFFER END	AASHTO M180 CLASS A TYPE 2 12 GAUGE APPROVED PRODUCER	
F1	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 UNC UNC HEAVY HEX HEAD ASTM A307 GRADE B OR SAE J429 GRADE 2 OR ASTM F1554 GRADE 36	5/8" DIA.
F2	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 ONLY)	5/8" DIA.
F3	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	
G1	GROUND STRUT CHANNEL	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	1/2" x 11 3/4" x 10 GAUGE
G2	GROUND STRUT CONNECTOR	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	1/4" THICKNESS
G3	GROUND STRUT 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	1/2" THICKNESS

MIDWEST GUARDRAIL SYSTEM (MGS) TYPE 2 TERMINAL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTA 440

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SDD 14B47 - 05f

BILL OF MATERIALS - TYPE 2 TERMINAL (MGS)

PART	DESCRIPTION	MATERIALS SPECIFICATIONS	NOTES
H1	GROUND STRUT 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	7/8" DIA.
H2	GROUND STRUT 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)	7/8" DIA.
H3	GROUND STRUT 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 HEAVY HEX HEAD 5/8" ASTM A307 GRADE B OR SAE J429 GRADE 2 OR ASTM F1554 GRADE 36	
J1	BCT CABLE	AASHTO M30 / ASTM A741 6 x 19 INDEPENDENT WIRE CORE (IWRC) IMPROVED PLOW STEEL (IPS), 6 x 19 INDEPENDENT WIRE CORE (IWRC) IMPROVED PLOW STEEL (IPS) TYPE II OR IIC, CLASS C ZINC COATED MIN. BREAKING STRENGTH OF 42.7 KIPS	**3/4" DIA.**
J2	BCT CABLE	UNC 1" ASTM A576 GRADE 1035 SWAGE FITTINGS ARE TO BE FACTORY SWEDGED. 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."	
K1	CABLE ASSEMBLY 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	1" DIA.
K2	CABLE ASSEMBLY WASHER	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 50 TYPE 1	1" DIA.
L1	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	5/8" THICKNESS
L2	BEARING PLATE FLANGE	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	1" THICKNESS
M1	BEAM GUARD 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	
M2	BEAM GUARD ANCHOR END 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	3/8" THICKNESS
N1	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 AASHTO M180 HEAD ASTM A307 GRADE B OR SAE J429 GRADE 2 OR ASTM F1554 GRADE 36	5/8" DIA.
N2	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)	5/8" DIA.
N3	ANCHOR BRACKET 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	
P1	FOUNDATION 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 ASTM A563DH OR SAE J995 GRADE 5	1/2" DIA.
Q1	SPLICE 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	
Q2	SPLICE 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	5/8" DIA.

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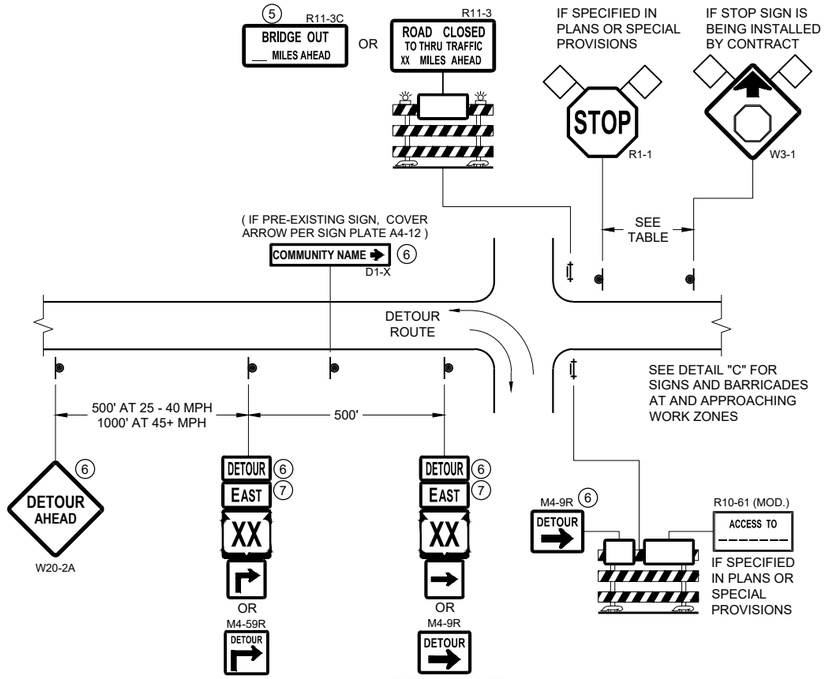
MIDWEST GUARDRAIL SYSTEM (MGS) TYPE 2 TERMINAL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

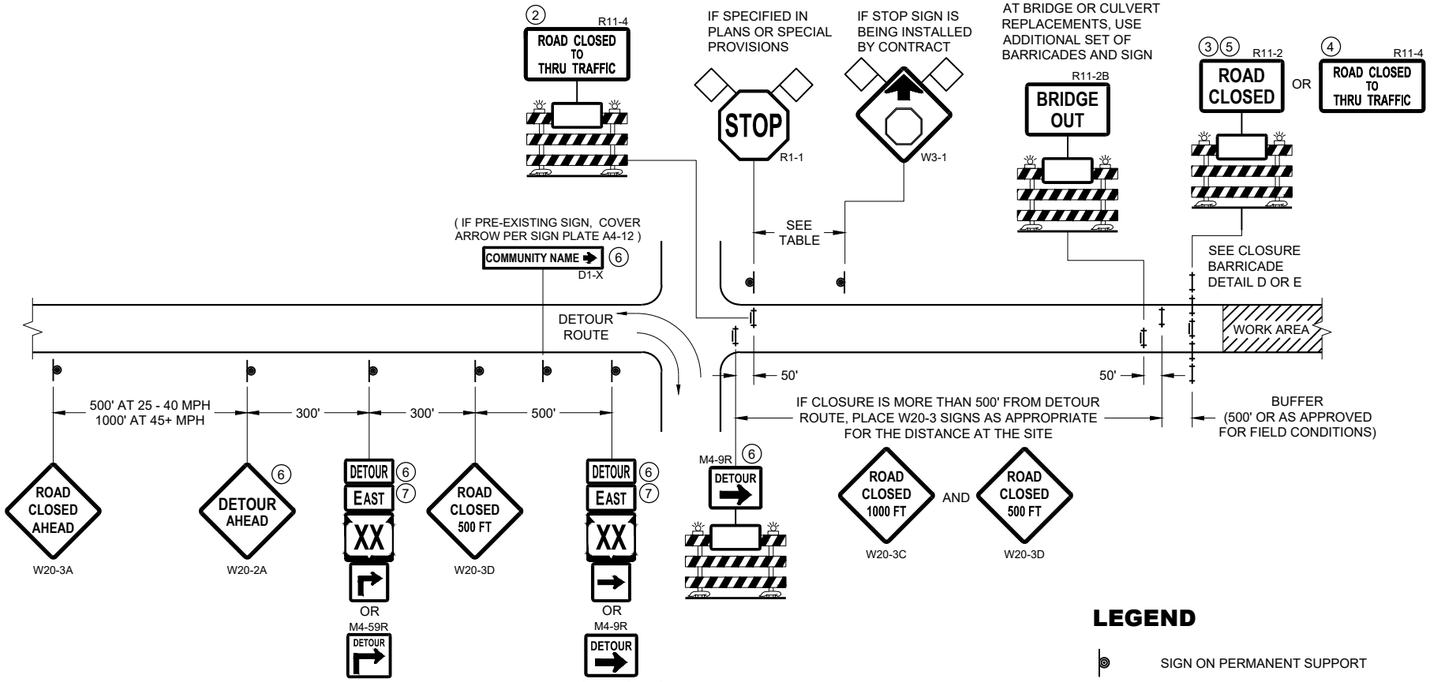
APPROVED
May 2023
DATE
/S/ Rodney Taylor
ROADWAY STANDARDS DEVE ENGINEER
FHWA

SDD 14B47 - 05g



DETAIL A
MAINLINE CLOSURE WITH POSTED DETOUR

WORK ZONE GREATER THAN OR EQUAL TO ½ MILE FROM DETOUR ROUTE (1000 FEET IF URBAN)



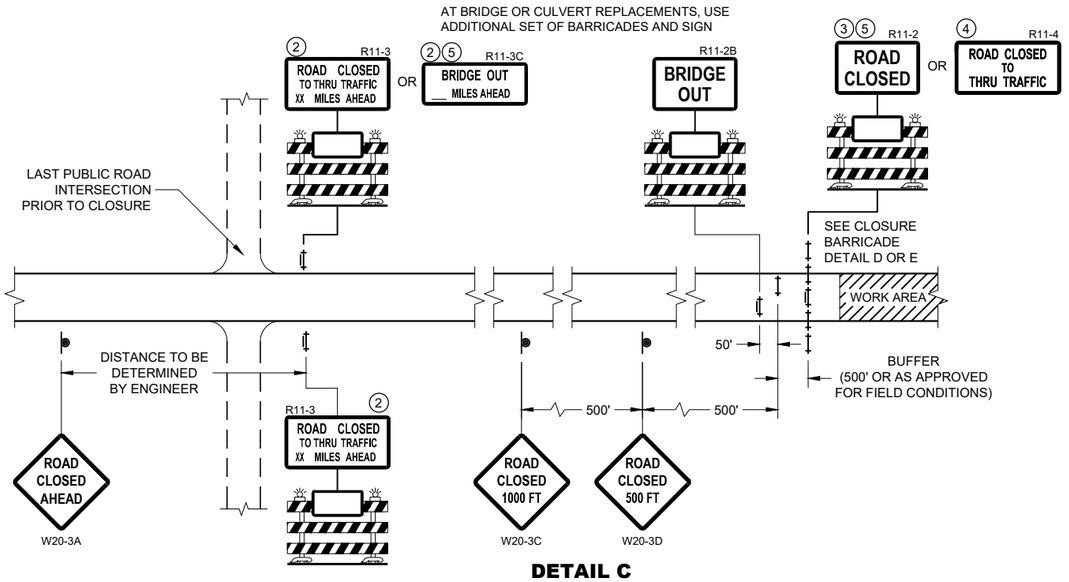
DETAIL B
MAINLINE CLOSURE WITH POSTED DETOUR

WORK ZONE LESS THAN ½ MILE FROM DETOUR ROUTE (1000 FEET IF URBAN)

LEGEND

- SIGN ON PERMANENT SUPPORT
- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- TYPE "A" WARNING LIGHT (FLASHING)
- WORK AREA
- FLAGS, 16" X 16" MIN. (ORANGE)

DETOUR M4 - 8
EAST M3 - X
XX M1 - 4 OR XX M1 - 6 OR COUNTY X M1 - 5A
M05 - 1 OR M06 - 1



DETAIL C
MAINLINE CLOSURE, NO POSTED DETOUR

SPEED LIMIT (MPH)	"STOP AHEAD" ADVANCE WARNING DISTANCE (FT)
25	200
30	200
35	350
40	350
45	500
50	550
55	750

SEE SDD 15C2-SHEET "b"
FOR GENERAL NOTES
AND FOOTNOTES ① THROUGH ⑦

BARRICADES AND SIGNS FOR MAINLINE CLOSURES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2023
DATE
/S/ Andrew Heidtke
WORK ZONE ENGINEER

FHWA

6

SDD 15C02 - 09a

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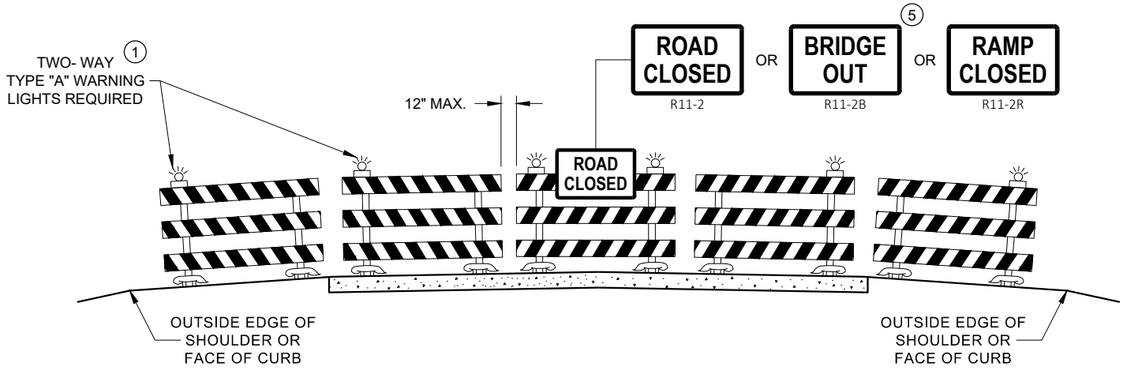
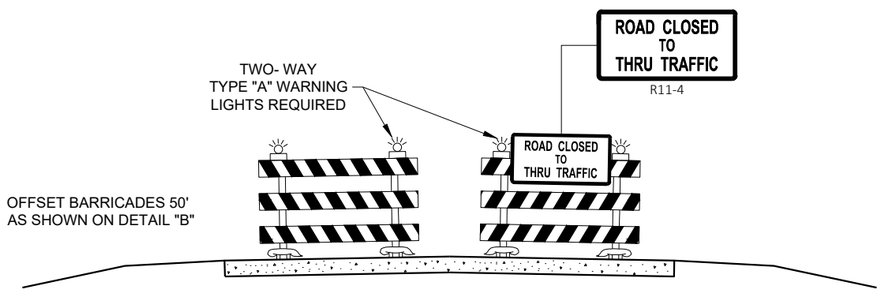
SDD 15C02 - 09a



DETAIL D
ROAD CLOSURE BARRICADE DETAIL
APPROACH VIEW



DETAIL E
LANE CLOSURE BARRICADE DETAIL
APPROACH VIEW

SEE SDD 15C2 - SHEET "a" FOR LEGEND

GENERAL NOTES

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND BARRICADES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

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.

THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND SHOULD PROVIDE A DESIRABLE MINIMUM OF 200 FEET CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

BARRICADES THAT MUST BE MOVED FOR A WORK OPERATION SHALL BE IMMEDIATELY RE-ESTABLISHED UPON COMPLETION OF THE OPERATION, OR FOR CONTINUING OPERATIONS, AT THE END OF EACH WORKING DAY.

SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

ALL TYPE III BARRICADES SHALL HAVE RAILS REFLECTORIZED ON BOTH FACES. STRIPES SHALL BE PROPERLY SLOPED DOWN TOWARD THE TRAFFIC SIDE OR AS SHOWN IN THE ROAD CLOSURE BARRICADE DETAIL "D" FOR FULL ROAD CLOSURES.

TYPE "A" LOW - INTENSITY FLASHING WARNING LIGHTS SHALL BE VISIBLE ON BOTH SIDES OF THE BARRICADE.

THE R11 - 2, R11 - 3, M4 - 9, R11 - 4, AND R10 - 61 SIGNS PLACED ON THE BARRICADES SHALL COVER NO MORE THAN THE TOP RAIL. THE SIGNS SHALL NOT COVER ANY PORTION OF THE MIDDLE RAIL OR BOTTOM RAILS.

"WO" AND "MO" SIGNS ARE THE SAME AS "W" AND "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

ALL SIGNS SHALL BE 48" X 48" UNLESS OTHERWISE NOTED BELOW:
- R11 - 2 SHALL BE 48" X 30"
- R11 - 3 SHALL, R11 - 4 AND R10 - 61 SHALL BE 60 " X 30"
- M4 - 9 SHALL BE 30" X 24"
- M3 - X SHALL BE 24" X 12" (36" X 18" IF NEEDED TO MATCH EXISTING SIGNS)
- M4 - 8 SHALL BE 24" X 12" (36" X 18" IF NEEDED TO MATCH EXISTING SIGNS)
- M1 - 4, M1 - 5A AND M1 - 6 SHALL BE 24" X 24" (36" X 36" IF NEEDED TO MATCH EXISTING SIGNS)
- MO5 - 1 AND MO6 - 1 SHALL BE 21" X 21" (30" X 30" IF NEEDED TO MATCH EXISTING SIGNS)
- D1 - X SHALL BE AS SHOWN ON SPECIFIC PROJECT SIGNING DETAIL SHEETS.
- R1 - 1 SHALL BE 36" X 36"

(1) TWO WARNING LIGHTS SHALL BE PROVIDED ON THE CENTER BARRICADE AND A MINIMUM OF ONE WARNING LIGHT SHALL BE PROVIDED ON EACH OF THE OTHER BARRICADES WITHIN THE ROADWAY LIMITS. SPACING OF THE WARNING LIGHTS SHALL BE UNIFORM TO THE EDGE OF ROADWAY AS SHOWN (APPROX. 8 FOOT LIGHT SPACING.

(2) THESE SIGNS AND BARRICADES ARE NOT REQUIRED IF ROAD CLOSURE BEGINS AT AN INTERSECTION.

(3) FOR ROAD CLOSURE WITHOUT LOCAL ACCESS TO PROJECT, SEE ROAD CLOSURE BARRICADE DETAIL "D".

(4) FOR ROAD CLOSURE WITH LOCAL ACCESS TO PROJECT, SEE ROAD CLOSURE BARRICADE DETAIL "E".

(5) FOR BRIDGE OR CULVERT REPLACEMENTS, SUBSTITUTE "BRIDGE OUT" INSTEAD OF "ROAD CLOSED" ON R11 - 2 AND R11 - 3 SIGNS.

(6) INSTALL DETOUR AND COMMUNITY GUIDE SIGNS AND ARROWS ONLY IF SPECIFIED IN THE CONTRACT. IF THERE ARE EXISTING ROUTE MARKER ASSEMBLIES THAT WILL REMAIN IN PLACE, ADJUST THE LOCATION OF THE DETOUR ROUTE SIGNS TO CORRESPOND WITH THE EXISTING ASSEMBLIES. MODIFY EXISTING SIGNS WHERE POSSIBLE. SEE SPECIFIC PROJECT DETOUR SIGNING DETAIL SHEETS. IF DETOUR SIGNS ARE BEING INSTALLED BY OTHERS, PLACE THE CONTRACTED TRAFFIC CONTROL SIGNS TO ALLOW FOR PLACEMENT OF ALL WARNING, DETOUR AND GUIDE SIGNS AS SHOWN.

(7) "EAST" CARDINAL DIRECTION MARKERS AND RIGHT TURN ARROWS ARE SHOWN. USE OTHER CARDINAL DIRECTIONS AND ARROWS AS APPROPRIATE.

BARRICADES AND SIGNS FOR VARIOUS CLOSURES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2023
DATE
/S/ Andrew Heidtke
WORK ZONE ENGINEE
FHWA

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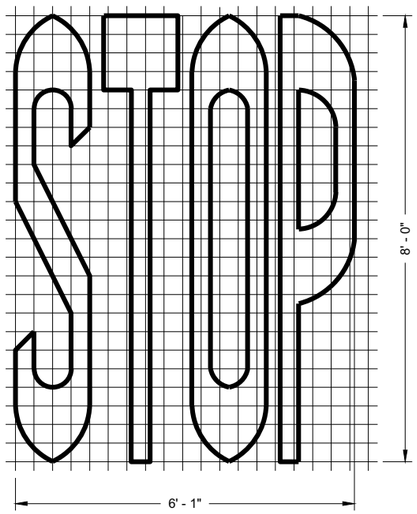
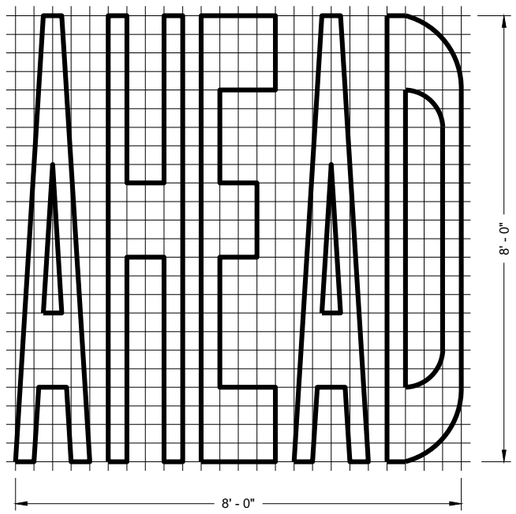
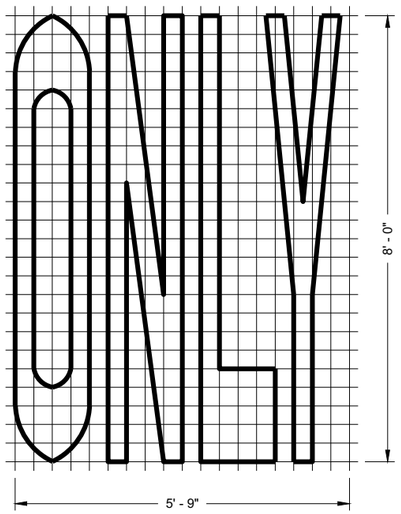
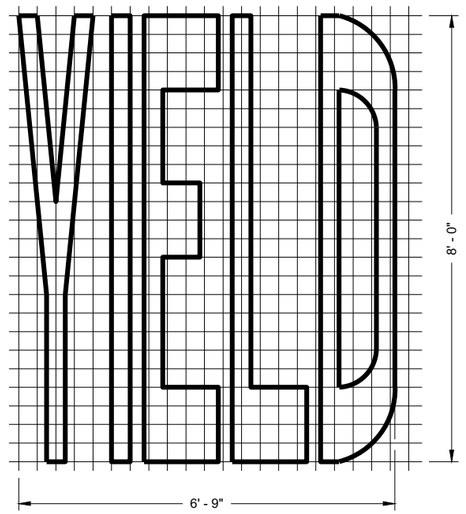
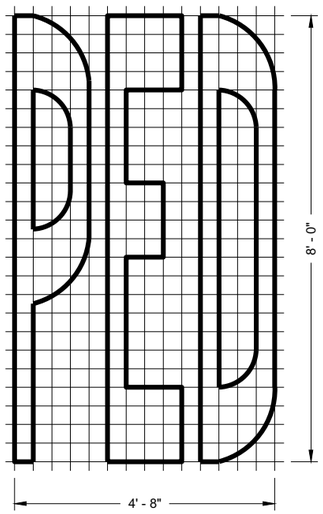
SDD 15C02 - 09b

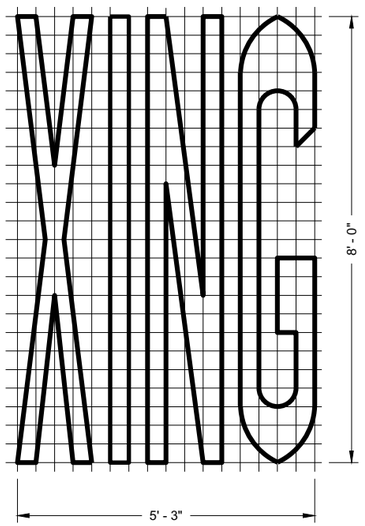


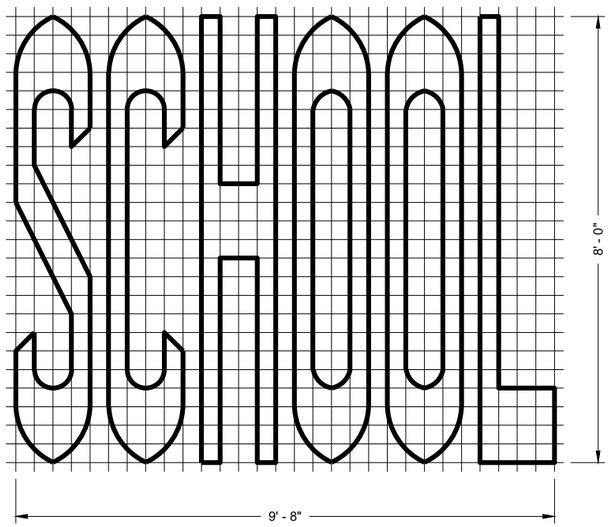




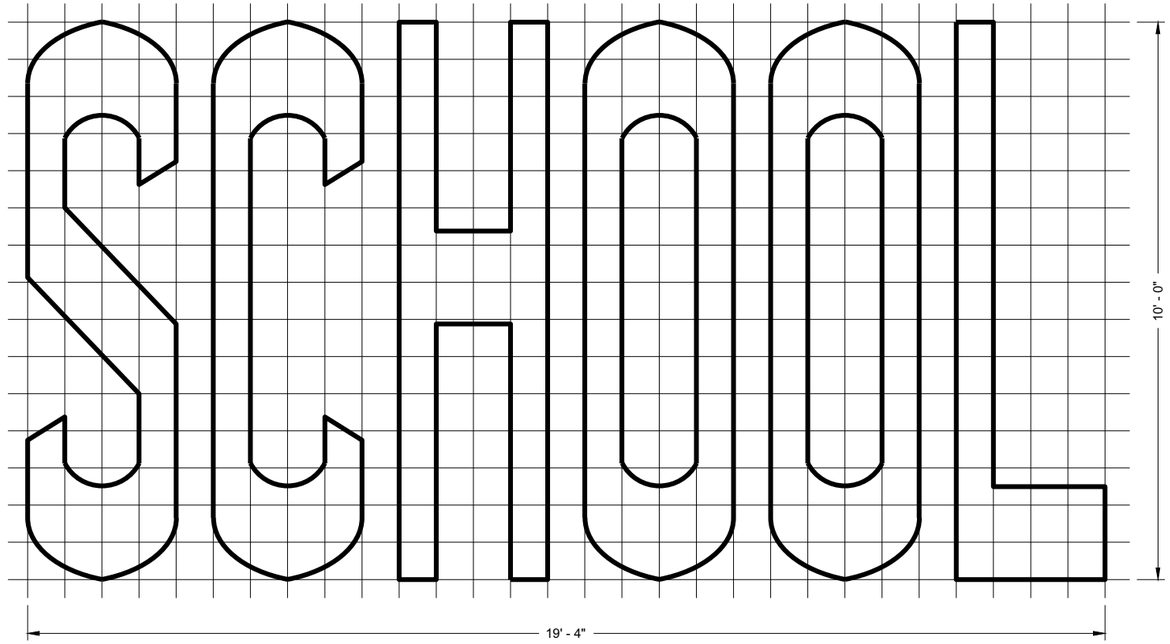








SINGLE LANE



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 2019
DATE

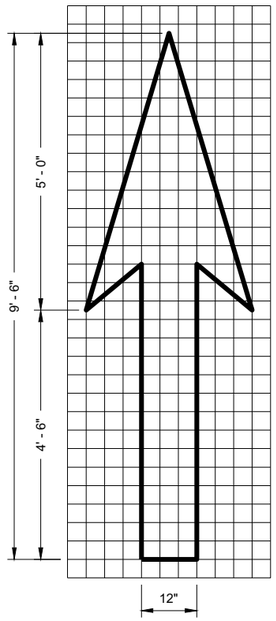
/S/ Matthew Rauch
STATE SIGNING AND MAF ENGINEER

FHWA

6

SDD 15C07 - 15b

SDD 15C07 - 15b



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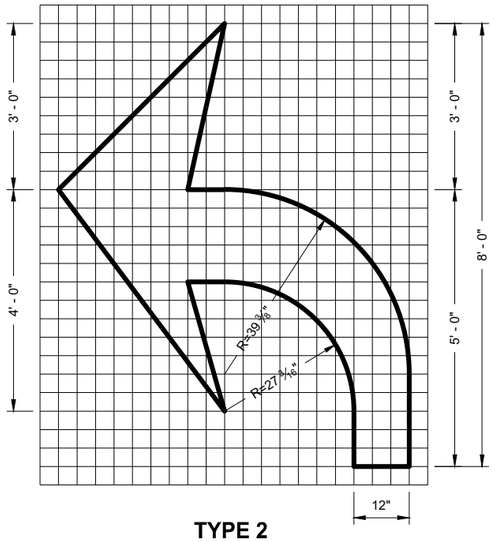
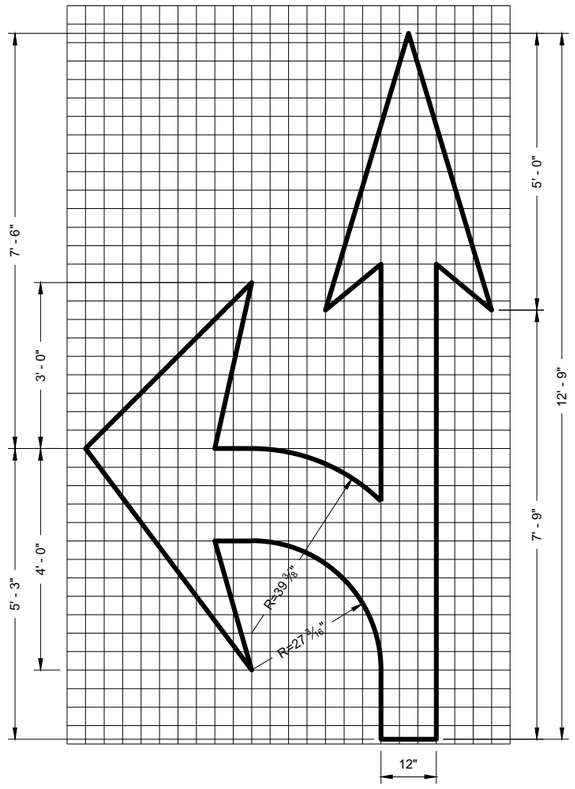


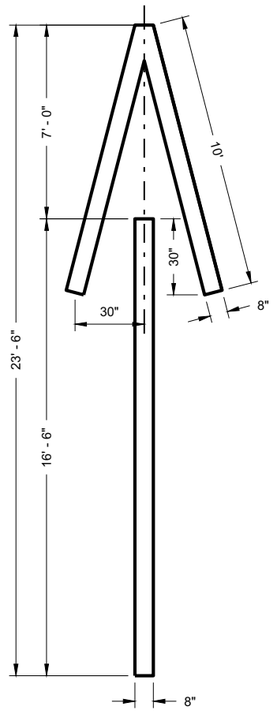
TYPE 2



TYPE 3

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.



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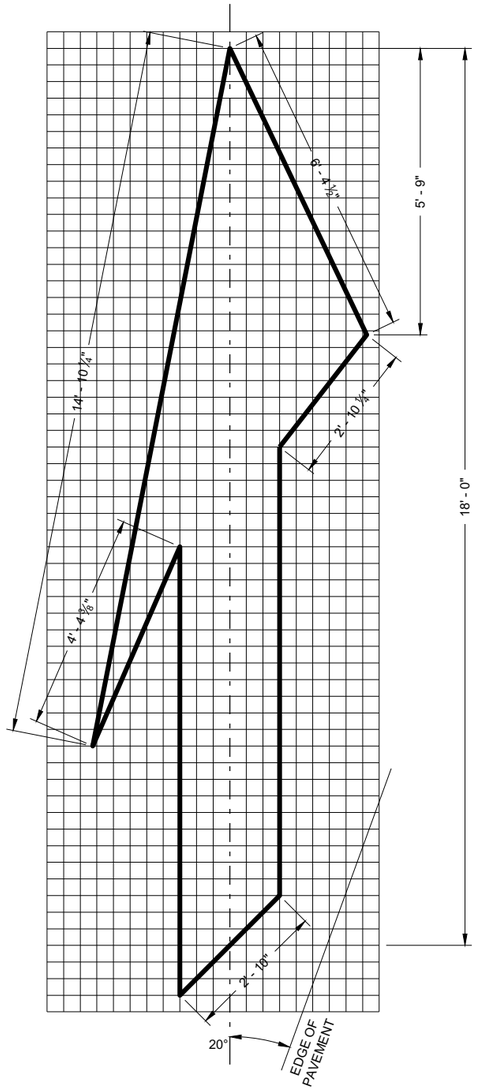
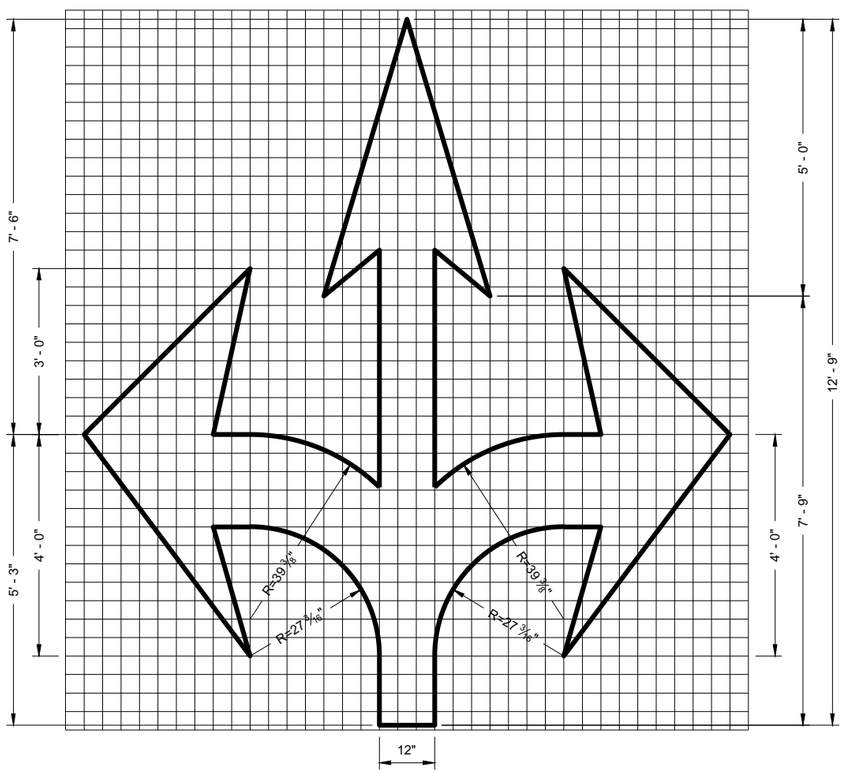
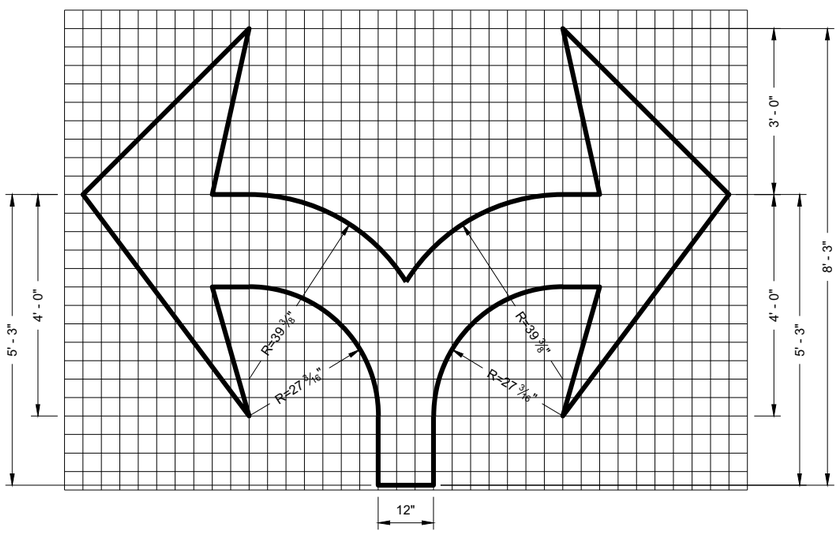


TYPE 5 LANE DROP ARROW



TYPE 6



TYPE 7

PAVEMENT MARKING ARROWS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2019 — DATE
/S/ Matthew Rauch — STATE SIGNING AND MAF ENGINEER
445

FHWA

6

SDD 15C07 - 15c

6

SDD 15C07 - 15c

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.

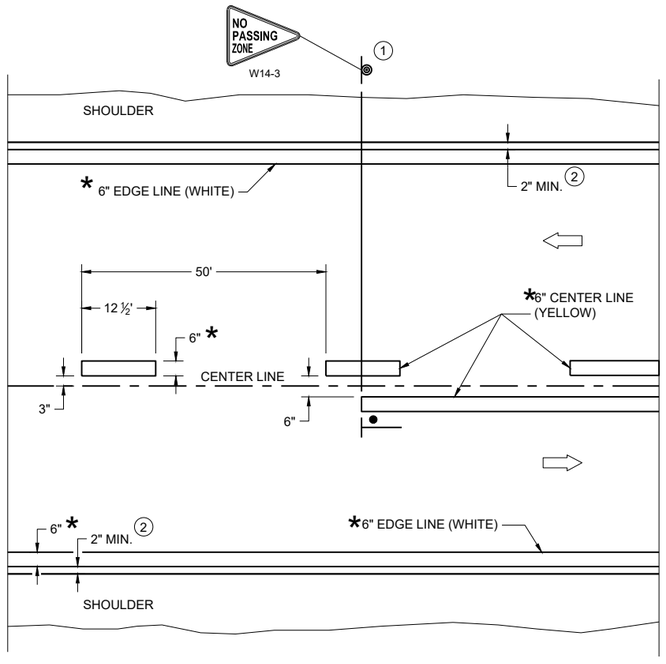
*CONFIRM MARKING LINE WIDTH WITH THE MISCELLANEOUS QUANTITIES

LEGEND

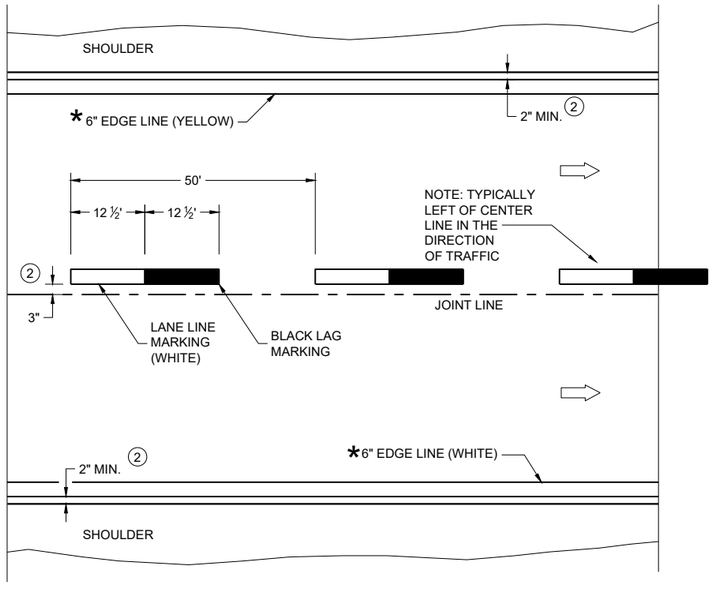
"T" MARKING

SIGN ON PERMANENT SUPPORT

DIRECTION OF TRAFFIC



TWO WAY TRAFFIC



ONE WAY TRAFFIC

PERMANENT PAVEMENT MARKING

6

PERMANENT LONGITUDINAL PAVEMENT MARKINGS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

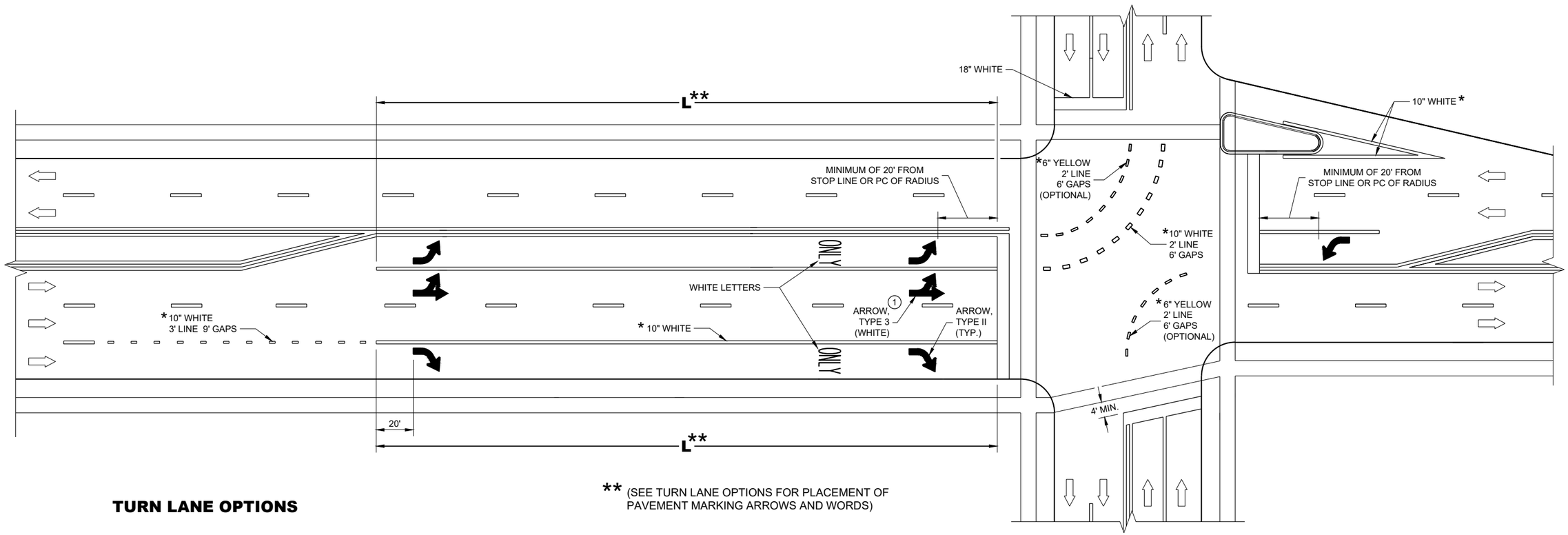
APPROVED

May 2023
DATE

/S/ Jeannie Silver
Statewide Pavement Marking Engineer

FHWA

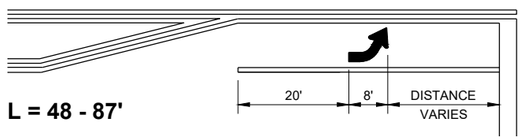
SDD 15C08-23a



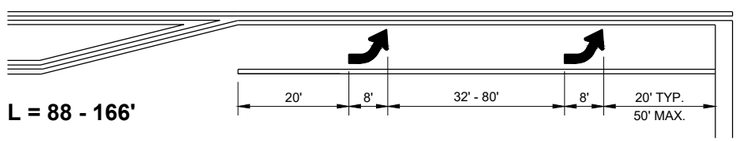
** (SEE TURN LANE OPTIONS FOR PLACEMENT OF PAVEMENT MARKING ARROWS AND WORDS)

TURN LANE OPTIONS

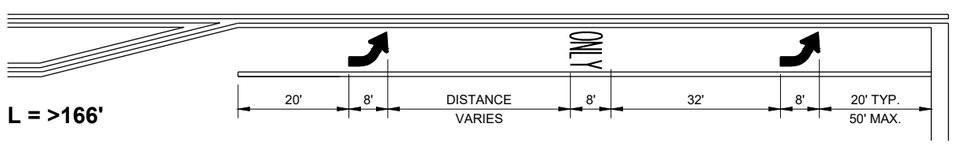
LENGTH OF TURN BAY (**L**) OF 0 - 47' DOES NOT REQUIRE PAVEMENT MARKING ARROWS OR WORDS



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

6

SDD 15C08-23d

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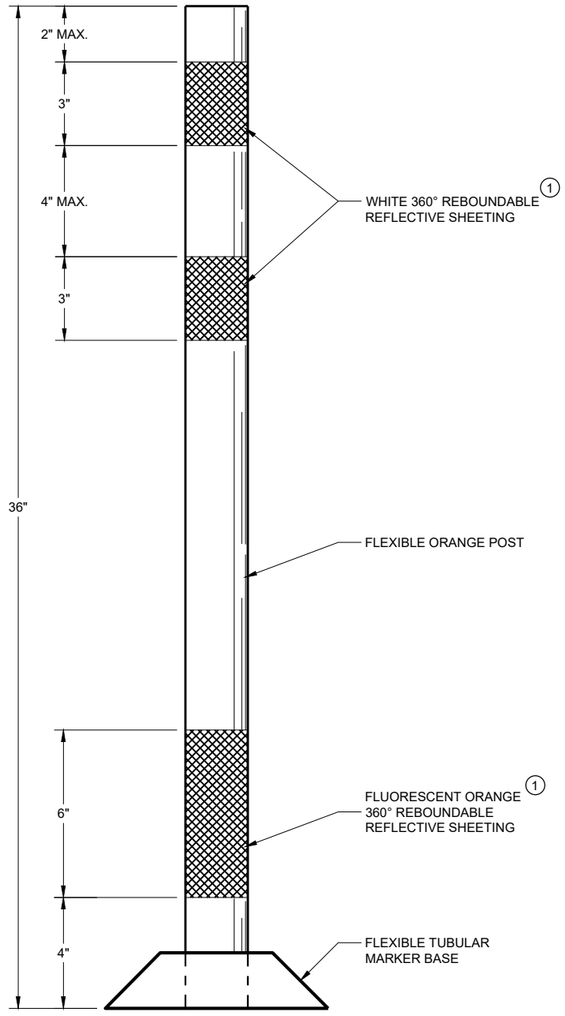

FLEXIBLE TUBULAR MARKER POST WORK ZONE

GENERAL NOTES

DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

SURFACE MOUNTED BASES SHALL BE FURNISHED IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS TO BE COMPATIBLE WITH FLEXIBLE TUBULAR MARKER POSTS TO A SIZE AND SHAPE THAT WILL PROVIDE A STABLE POST FOUNDATION WHEN SECURED TO THE PAVEMENT.

THE ASPHALTIC ADHESIVE OR BUTYL PAD FURNISHED SHALL BE IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS, UNLESS DIRECTED BY THE ENGINEER TO USE BOLTS.

(1) REFLECTIVE SHEETING SHALL FOLLOW THE REQUIREMENTS IN THE APPROVED PRODUCTS LISTING FOR SIGN SHEETING.

CHANNELIZING DEVICES
FLEXIBLE TUBULAR MARKER POST

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2022
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEE

FHWA

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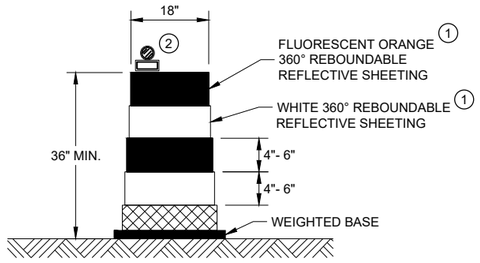
SDD15C11 - 10a

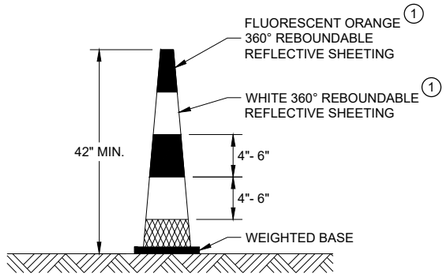
GENERAL NOTES

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

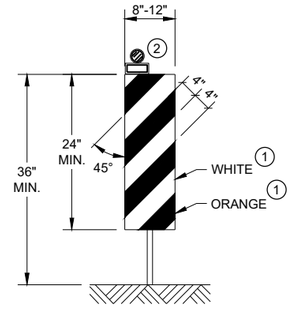
BALLAST WIDTHS
RANGE FROM 24"-36"



42" CONE

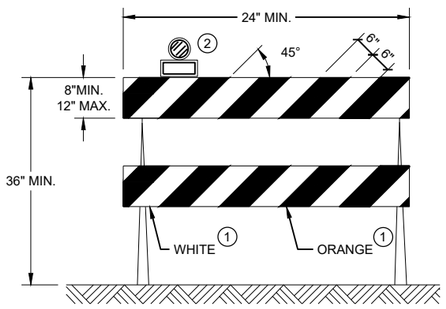
DO NOT USE IN TAPERS
½ SPACING OF DRUMS

BALLAST WIDTHS
RANGE FROM 14"-20"



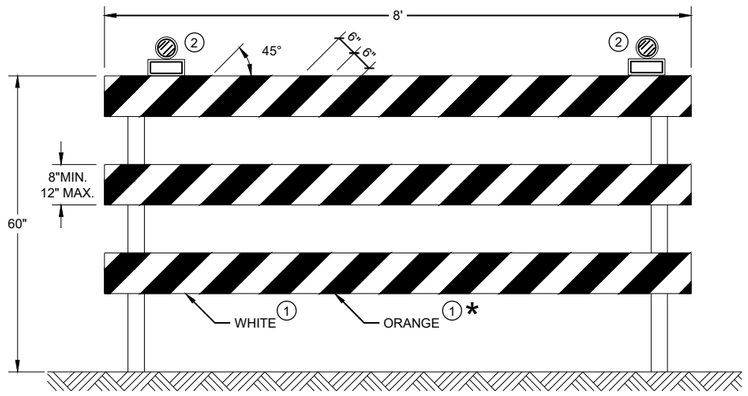
VERTICAL PANEL

THE STRIPES SHALL SLOPE DOWNWARD TO
THE TRAFFIC SIDE FOR CHANNELIZATION.



TYPE II BARRICADE

FOR RAILS LESS THAN 36" LONG, 4" WIDE STRIPES
MAY BE USED. ALL 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
November 2022
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEE

FHWA

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SDD 15C11 - 10b

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LEGEND

SIGN ON PORTABLE OR PERMANENT SUPPORT

TEMPORARY PORTABLE RUMBLE STRIP ARRAY

DIRECTION OF TRAFFIC

WORK AREA

FLAGGER, EQUIPPED WITH STOP/SLOW PADDLE FASTENED ON SUPPORT STAFF

GENERAL NOTES

DETAILS OF TRAFFIC CONTROL DEVICES AND INSTALLATION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS, THE SPECIAL PROVISIONS, AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS, DEVICES, AND LOCATION OF ALL FLAGGERS SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

THE FIRST ADVANCE WARNING SIGN SHOULD TYPICALLY BE LOCATED IN ADVANCE OF THE ANTICIPATED TRAFFIC BACKUP OR QUEUE.

WHEN A SIDE ROAD OR RAMP INTERSECTS THE FACILITY ON WHICH THE WORK IS BEING PERFORMED, ADDITIONAL TRAFFIC CONTROLS SHALL BE PROVIDED AS SPECIFIED IN THE PLANS AND/OR THE SPECIAL PROVISIONS OR AS APPROVED BY THE ENGINEER.

FLAGGING

FLAGGERS SHALL BE IN SIGHT OF EACH OTHER OR IN DIRECT COMMUNICATION AT ALL TIMES. THEY SHALL BE EQUIPPED WITH STOP/SLOW PADDLES FASTENED ON SUPPORT STAFFS. WHEN THE FLAGGING OPERATION IS NOT IN EFFECT REMOVE TEMPORARY PORTABLE RUMBLE STRIPS PRIOR TO COVERING OR REMOVING ALL ADVANCE SIGNING.

(1) FOR MOVING WORK OPERATIONS, POST ADDITIONAL W20-7A FLAGGER SIGNS AT APPROXIMATELY 3,500' INTERVALS IN THE MOVING WORK OPERATION OR AS APPROVED BY THE ENGINEER.

(2) SIGN NOT REQUIRED IF FLAGGING OPERATION OCCURS WITHIN A SIGNED ROAD WORK ZONE AREA.

WHEN THE DISTANCE BETWEEN FLAGGERS EXCEEDS 2 MILES, A PILOT CAR IS REQUIRED. WHEN CURVES REDUCE SIGHT DISTANCE BELOW 400', A PILOT CAR IS REQUIRED.

TEMPORARY PORTABLE RUMBLE STRIPS

UTILIZE TEMPORARY PORTABLE RUMBLE STRIPS ON ALL FLAGGING OPERATIONS.

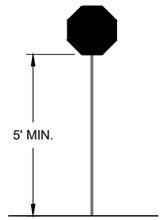
(3) EACH TEMPORARY PORTABLE RUMBLE STRIP ARRAY CONSISTS OF THREE RUMBLE STRIPS PLACED TRANSVERSE ACROSS THE LANE AT THE LOCATIONS SHOWN. WITHIN EACH ARRAY, SPACING BETWEEN RUMBLE STRIPS SHALL BE 15 FEET ON CENTER

ONLY USE TEMPORARY PORTABLE RUMBLE STRIPS FROM THE APPROVED PRODUCTS LIST.

INSTALL TEMPORARY RUMBLE STRIPS PER MANUFACTURER'S RECOMMENDATIONS.

PLACE ADVANCE SIGNING PRIOR TO INSTALLING TEMPORARY RUMBLE STRIPS.

DO NOT INSTALL TEMPORARY PORTABLE RUMBLE STRIPS ON GRAVEL, MILLED SURFACES, OR ASPHALT THAT HAS BEEN PAVED LESS THAN 12 HOURS.



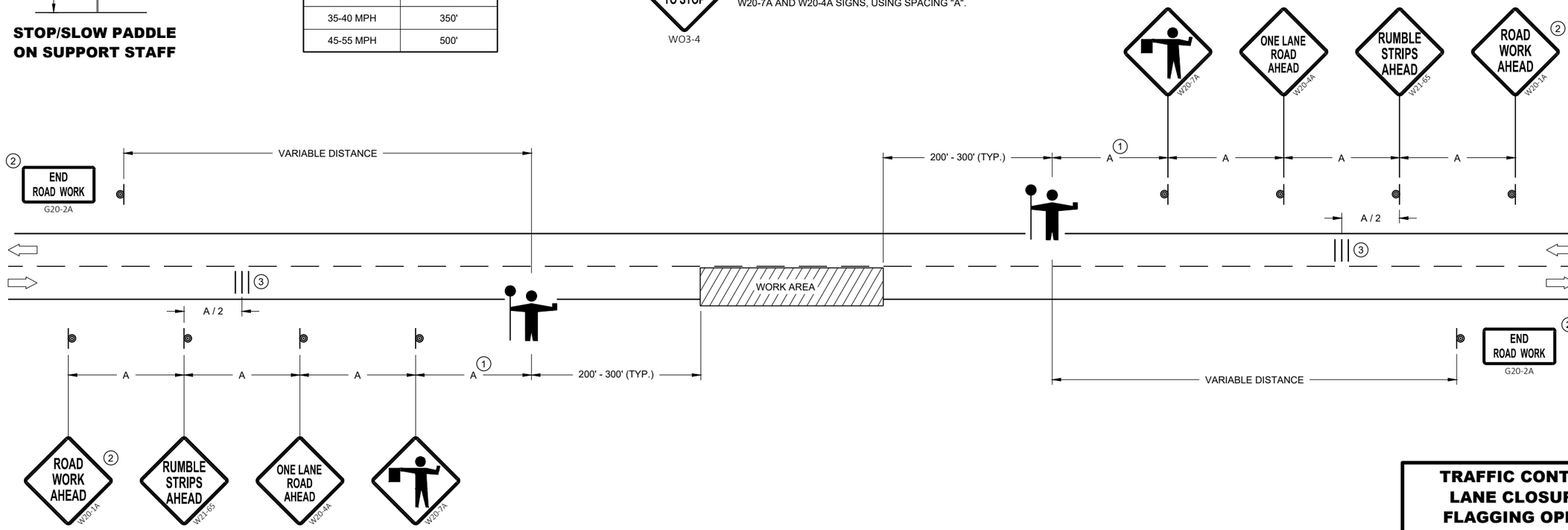
STOP/SLOW PADDLE ON SUPPORT STAFF

SIGN AND TEMPORARY RUMBLE STRIP ARRAY SPACING TABLE

SPEED LIMIT	SPACING "A"
25-30 MPH	200'
35-40 MPH	350'
45-55 MPH	500'

WO3-4

USE OF WO3-4 SIGN IS OPTIONAL. WHEN USED, THIS SIGN SHALL BE LOCATED BETWEEN THE W20-7A AND W20-4A SIGNS, USING SPACING "A".



TRAFFIC CONTROL FOR LANE CLOSURE WITH FLAGGING OPERATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2022
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEE

FHWA

SDD 15C12 - 09a

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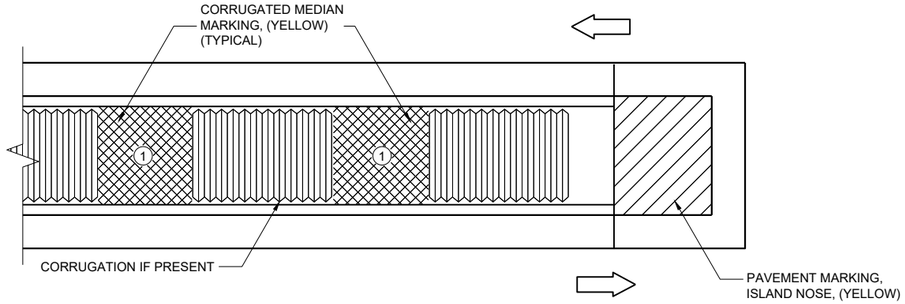
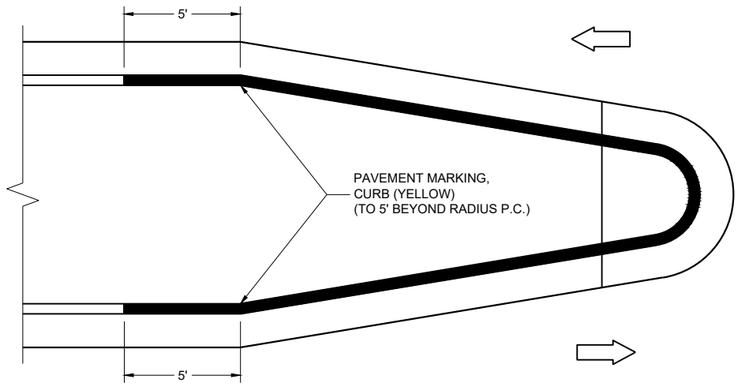
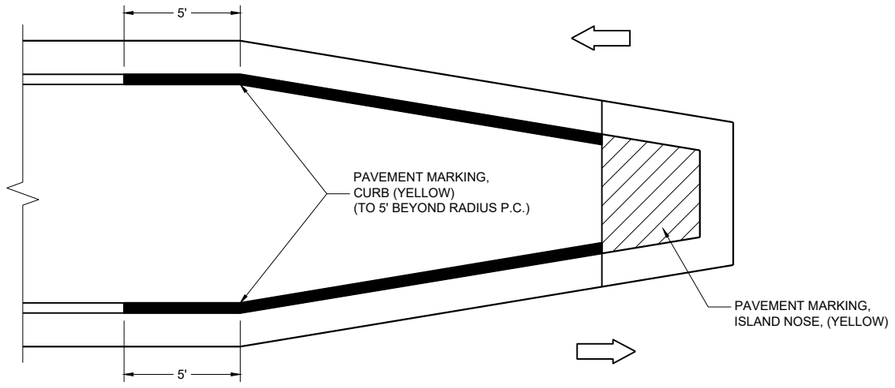


MEDIAN ISLAND WITH SQUARE BLUNT NOSE



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.

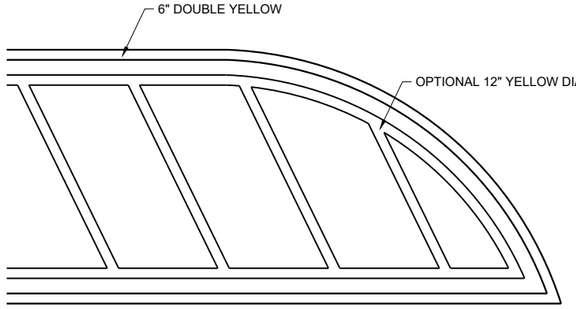
(1) APPLY PAVEMENT MARKING TO THE FLAT PORTION OF CORRUGATED MEDIAN.

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

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.

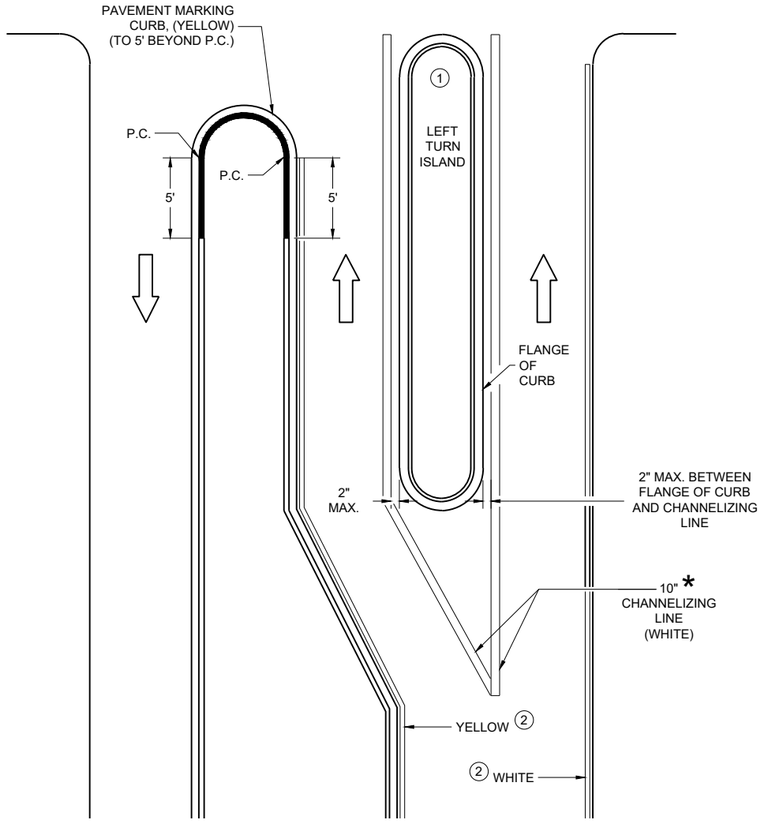
(1) MARK CURB NOSES YELLOW.

(2) MARK ACCORDING TO TABLE.

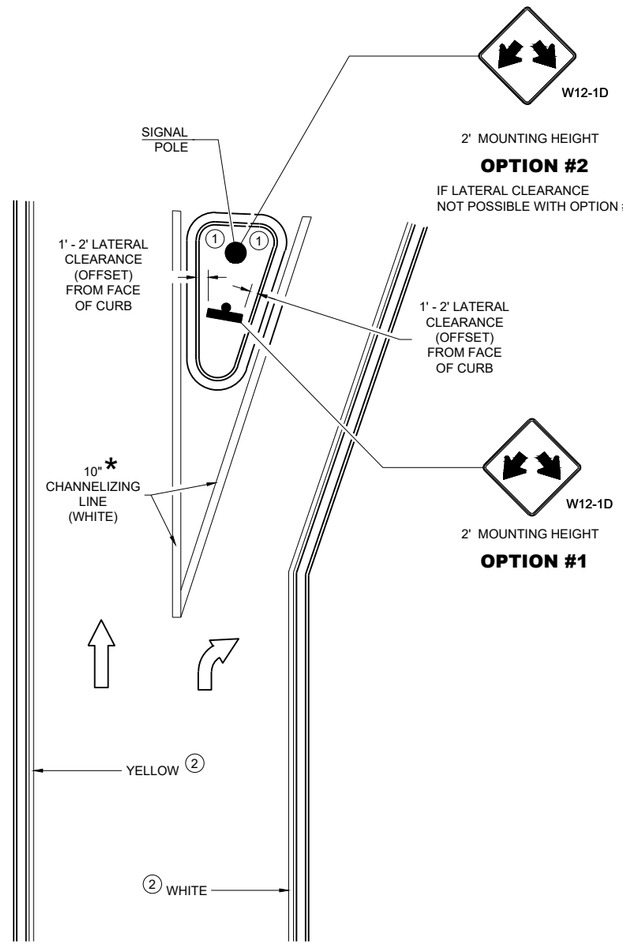
(3) CHEVRON MAY BE OMITTED IF LESS THAN 4" WIDE

DIRECTION OF TRAVEL

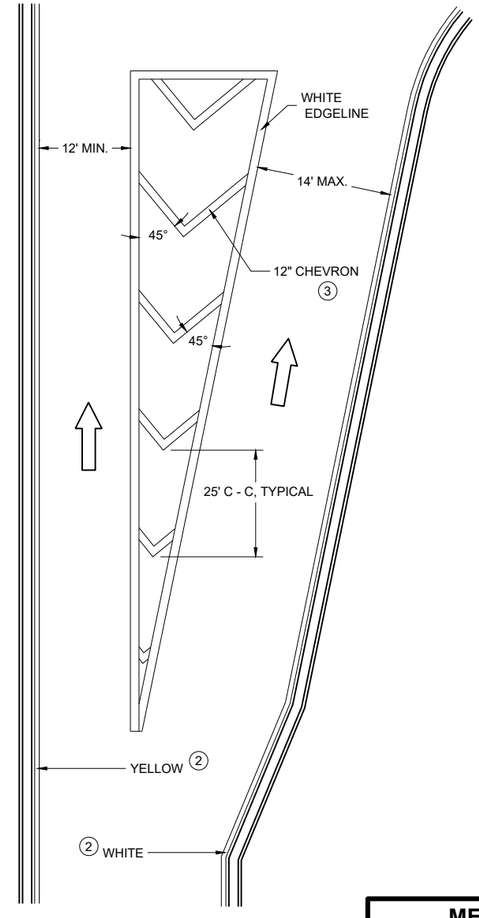
*CONFIRM MARKING LINE WIDTH WITH THE MISCELLANEOUS QUANTITIES



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

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SDD 15C18-09c

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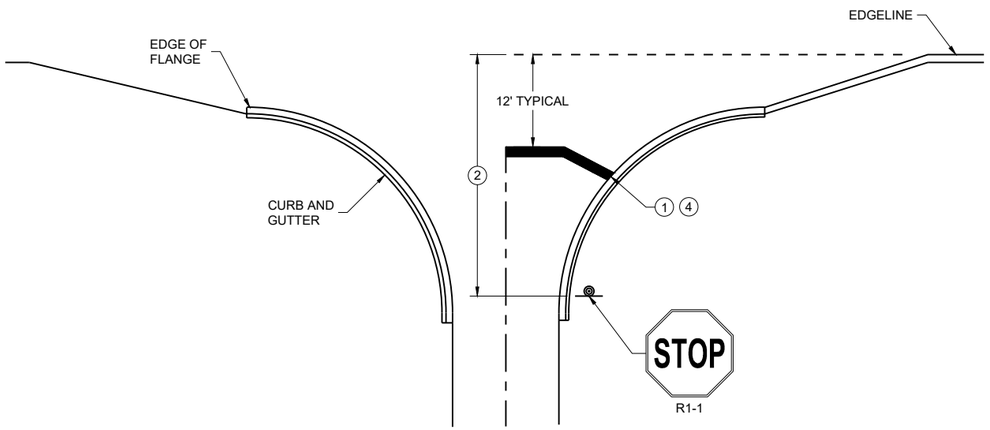
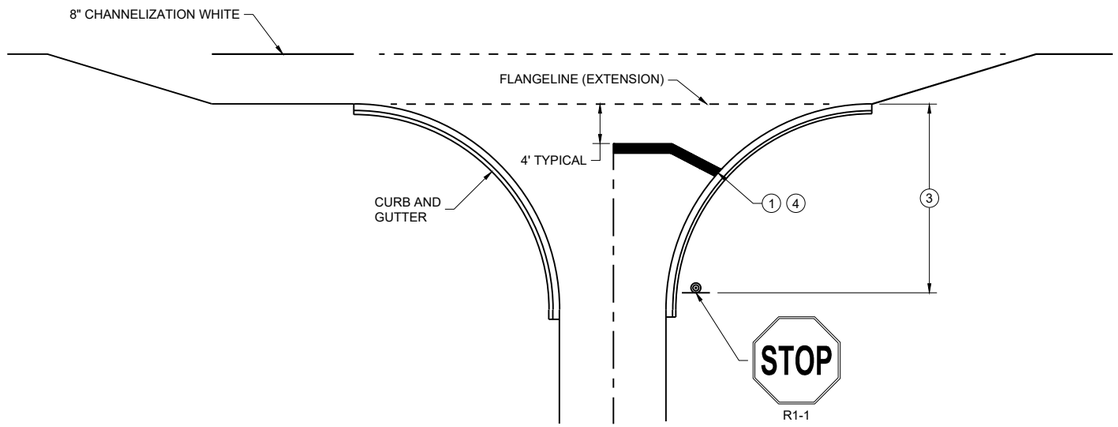
GENERAL NOTES

STOP SIGN SHALL BE PLACED A MINIMUM OF 6 FEET TO A MAXIMUM OF 50 FEET FROM THE EDGELINE LOCATION.

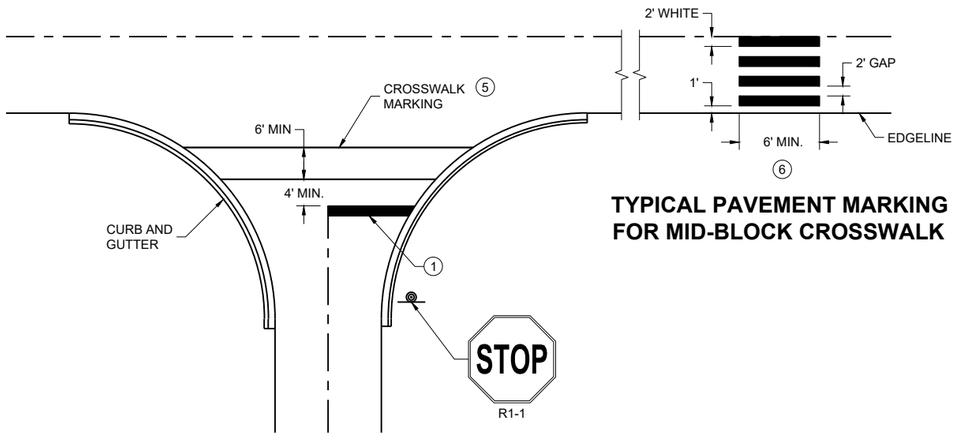
1. 18-INCH STOP LINES MAY BE DELETED OR ADDED BY THE REGION MARKING ENGINEER BASED ON VISIBILITY AND SIGHT LINES.
2. NO STOP LINE IS REQUIRED IF STOP SIGN IS LESS THAN OR EQUAL TO 40 FEET FROM THE EDGELINE.
3. NO STOP LINE IS REQUIRED IF STOP SIGN IS LESS THAN OR EQUAL TO 30 FEET FROM THE FLANGE LINE 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

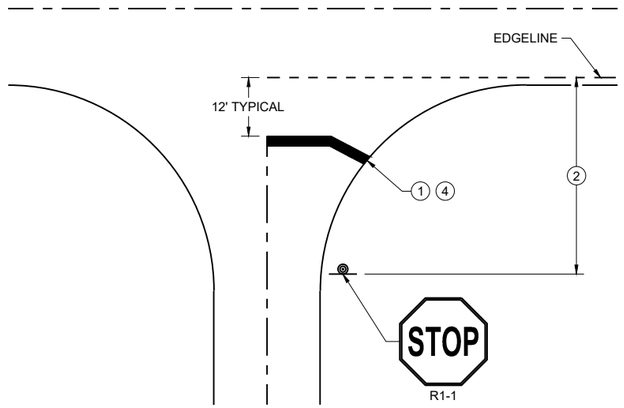


TYPICAL STOP LINE PAVEMENT MARKING FOR SIDE ROADS WITH RIGHT TURN LANE



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

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SDD 15C33-05

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
- FLASHING ARROW BOARD
- DIRECTION OF TRAFFIC
- WORK AREA

GENERAL NOTES

FOR WORK ON ROADWAYS WITH SPEEDS GREATER THAN 45MPH, USE SDD 15D12.

THIS LANE CLOSURE DETAIL IS TYPICAL FOR CLOSING THE LEFT LANE. FOR A RIGHT LANE CLOSURE, REVERSE THE TRAFFIC CONTROL.

THIS DETAIL MAY BE USED FOR ROADWAYS WITH EITHER TWO OR THREE LANES IN EACH DIRECTION.

ALL SIGNS ARE 48"X48" UNLESS OTHERWISE NOTED. IF NECESSARY DUE TO SPACE CONSTRAINTS IN URBAN AREAS, 36"X 36" SIGNS MAY BE USED IF APPROVED BY REGIONAL 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.

SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS OR THAT WILL BE PLACED IN A CLOSED LANE MAY BE MOUNTED ON TEMPORARY SUPPORTS.

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

W20-1A, G20-1 AND G20-2A SIGNS ARE NOT REQUIRED IF THE LANE CLOSURE IS WITHIN A LARGER WORK ZONE WHERE THESE SIGNS ARE ALREADY PRESENT.

REMOVE PAVEMENT MARKINGS AND PLACE TEMPORARY PAVEMENT MARKING LINE IF LANE CLOSURE IS TO BE IN PLACE FOR 4 OR MORE CONTINUOUS DAYS AND NIGHTS.

CONSIDER GEOMETRICS WHEN LOCATING SIGNS AND ARROW BOARDS SO THE APPROACHING DRIVER HAS A CLEAR VIEW OF THE ARROW BOARDS AND LANE CLOSURE DRUMS FOR A MINIMUM 1500 FEET IN FRONT OF DRUMS.

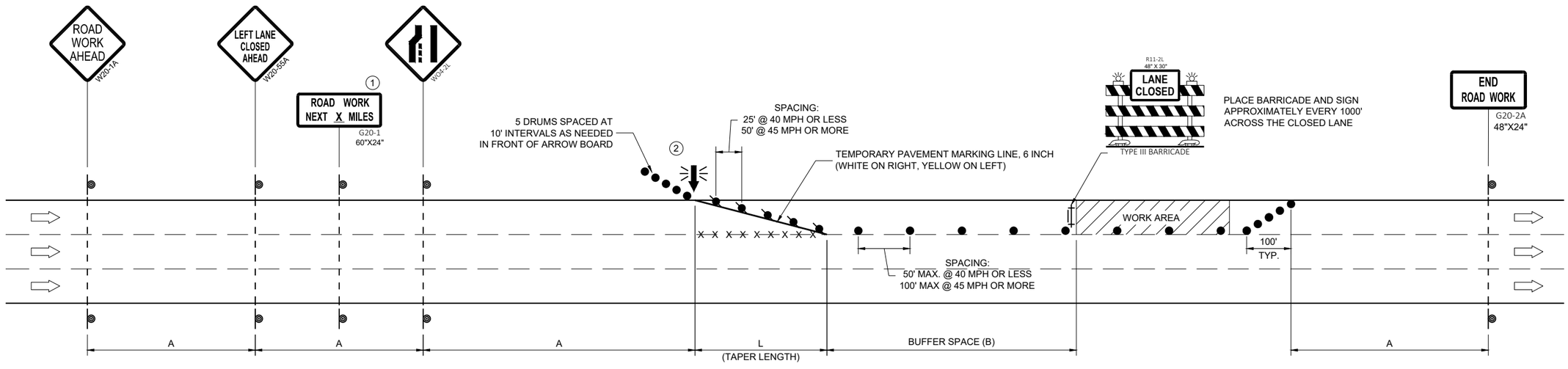
BARRICADES IN A CLOSED LANE THAT MUST BE MOVED FOR A WORK OPERATION SHALL BE IMMEDIATELY REESTABLISHED UPON COMPLETION OF THE OPERATION, OR FOR CONTINUING OPERATIONS, AT THE END OF EACH WORKING DAY.

CHANNELIZING DEVICES PLACED ADJACENT TO WORK AREA SHALL BE PULLED BACK FROM THE TRAVEL LANE WHEN WORK IS NOT IN PROGRESS.

WARNING LIGHTS ARE NOT REQUIRED IF THE LANE CLOSURE IS A DAYTIME ONLY OPERATION.

(1) OMIT G20-1 SIGNS IF LENGTH OF WORK AREA IS 2 MILES OR LESS.

(2) WHERE THE SHOULDER OR TERRACE HAS INSUFFICIENT SPACE TO PLACE THE ARROW BOARD AS SHOWN, PLACE THE ARROW BOARD AT THE END OF THE TAPER.



POSTED SPEED LIMIT PRIOR TO WORK STARTING (MPH)	ADVANCE WARNING SIGN SPACING (A) FEET	TAPER LENGTH (12 FT. LANE) (L) FEET	BUFFER SPACE (B) FEET
25	200'	125'	55'
30	200'	180'	85'
35	350'	245'	120'
40	350'	320'	170'
45	500'	540'	220'

TRAFFIC CONTROL, SINGLE LANE CLOSURE, DIVIDED NON-FREEWAY/EXPRESSWAY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
March 2024
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEER

FHWA

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SDD 15D20-08a

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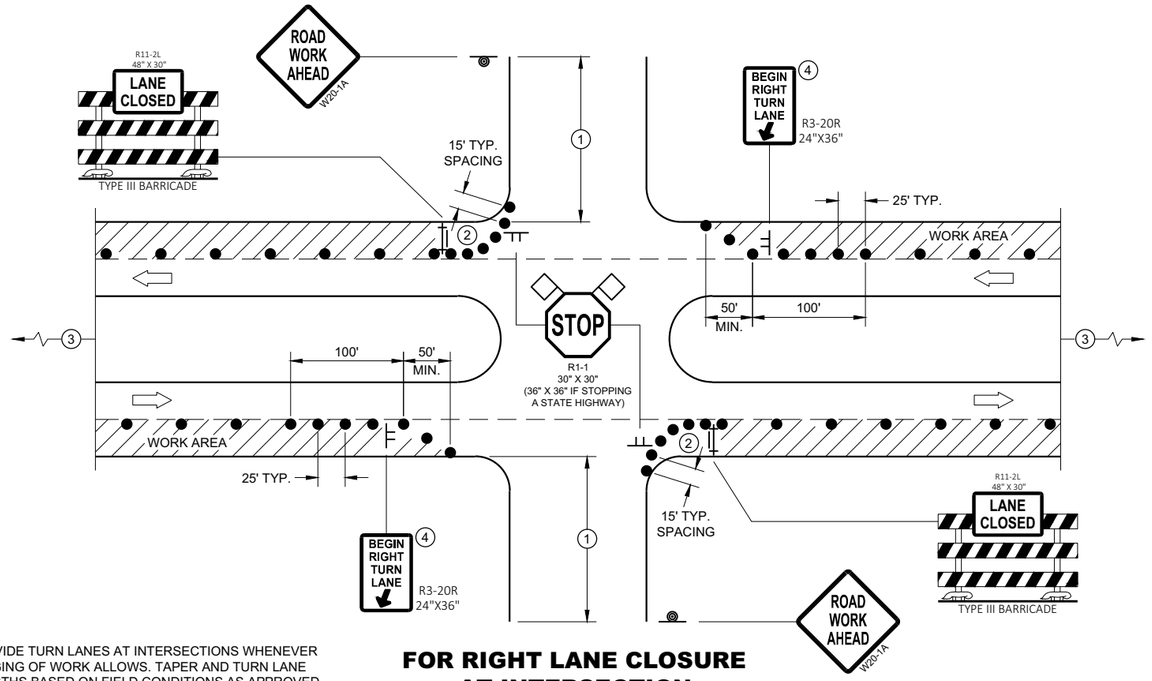
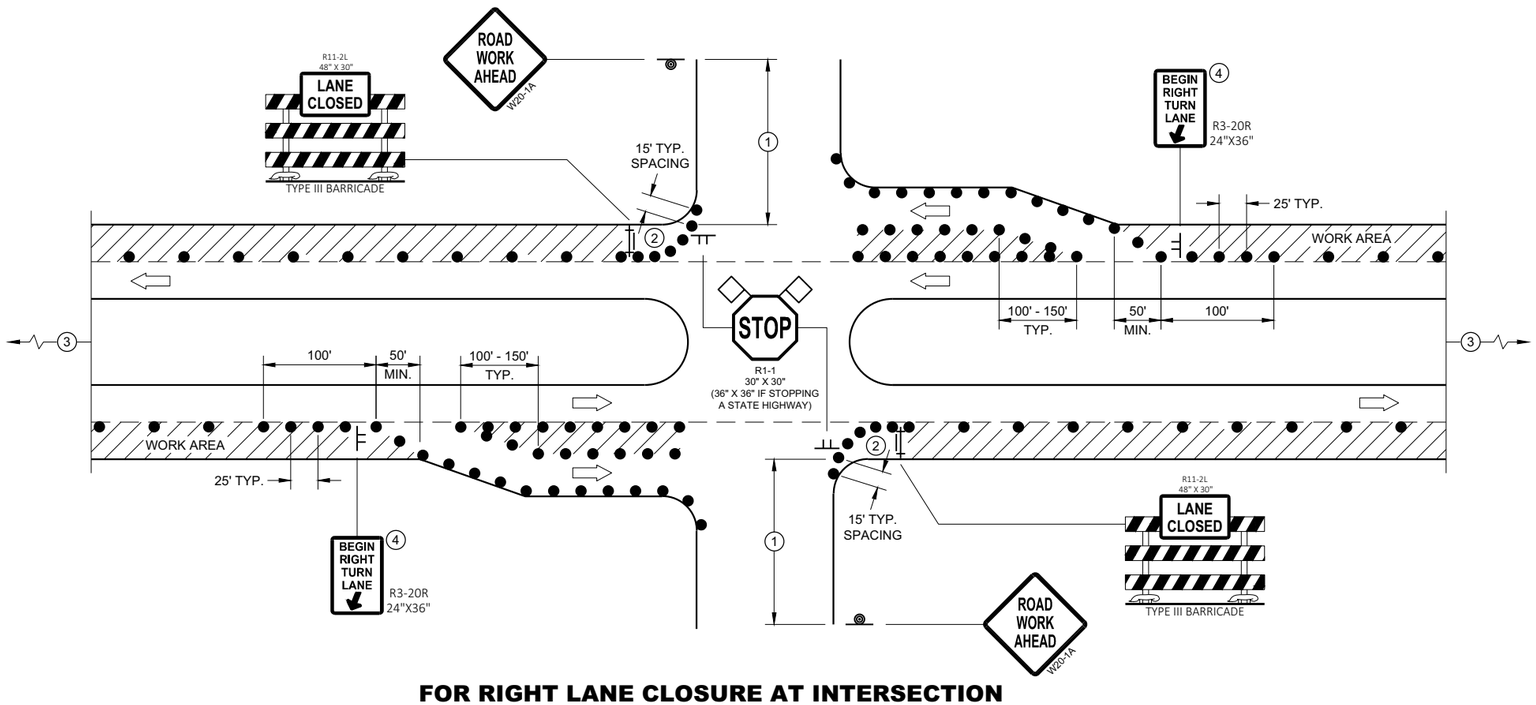
SDD 15D20-08a



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



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

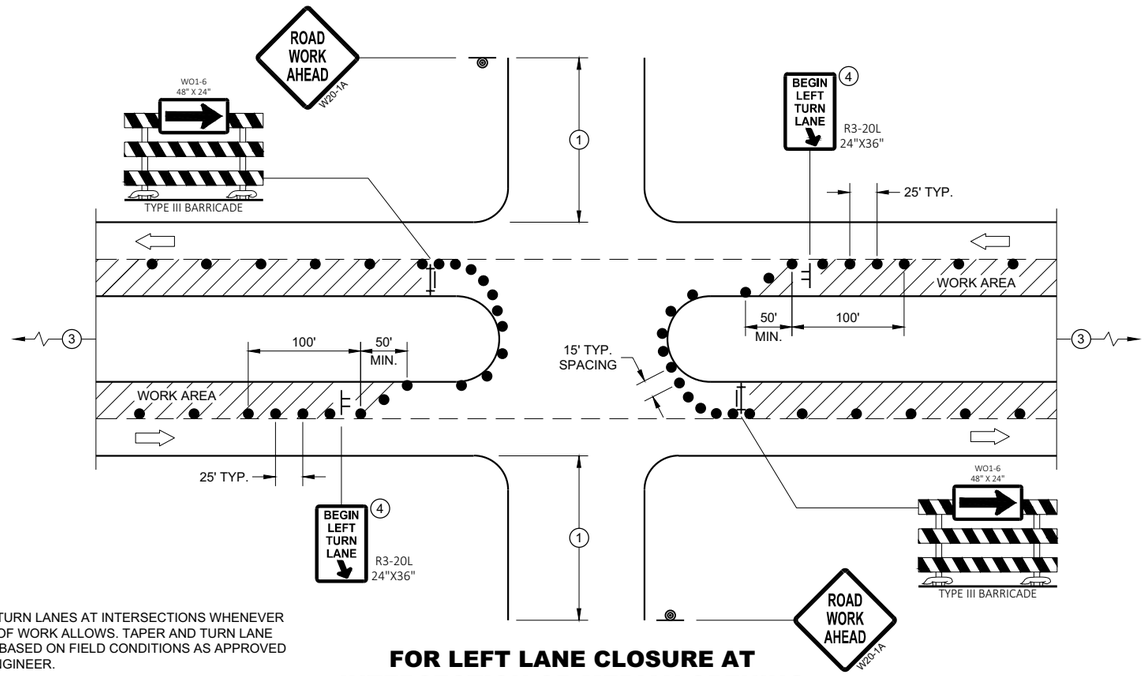
- SIGN ON TEMPORARY SUPPORT
- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- TYPE III BARRICADE WITH ATTACHED SIGN
- DIRECTION OF TRAFFIC
- FLAGS, 16" X 16" MIN., ORANGE
- WORK AREA

TRAFFIC CONTROL, INTERSECTION WITHIN SINGLE RIGHT LANE CLOSURE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

SDD15D21 - 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.

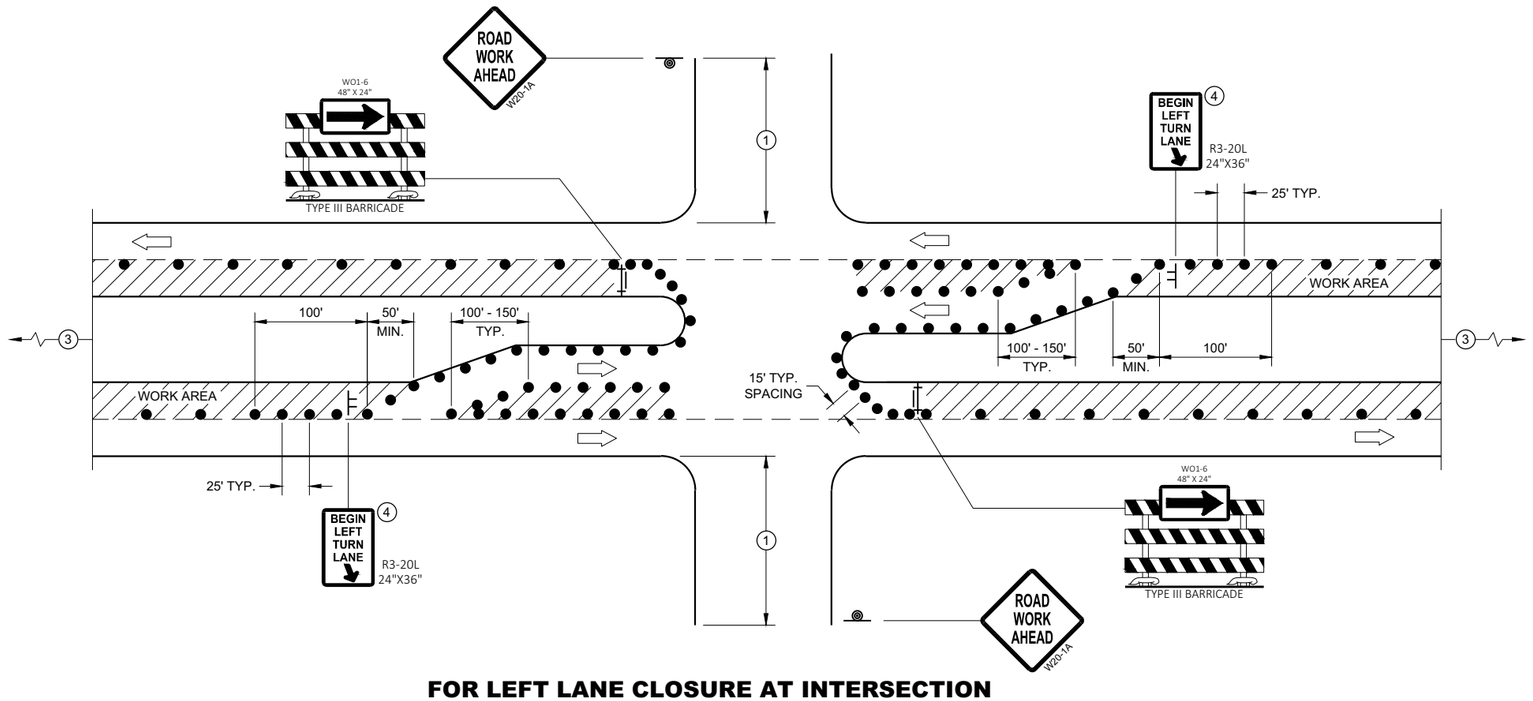
CHANNELIZING DEVICES PLACED ADJACENT TO WORK AREA SHALL BE PULLED BACK FROM THE TRAVEL LANE WHEN WORK IS NOT IN PROGRESS.

(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 ENGINEER

FHWA

6

SDD 15D21 - 07b

6

SDD 15D21 - 07b

LEGEND

- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE "C" STEADY BURN LIGHT
- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- TYPE "A" WARNING LIGHT (FLASHING)
- FLASHING ARROW BOARD
- DIRECTION OF TRAFFIC
- REMOVE PAVEMENT MARKING (SEE GENERAL NOTES)
- WORK AREA

GENERAL NOTES

FOR WORK ON ROADWAYS WITH SPEEDS GREATER THAN 45 MPH, USE SDD 15D14.

THIS LANE CLOSURE DETAIL IS TYPICAL FOR CLOSING THE RIGHT TWO LANES.
FOR CLOSING LEFT TWO LANES, REVERSE THE TRAFFIC CONTROL.

ALL SIGNS ARE 48"X48" UNLESS OTHERWISE NOTED. IF NECESSARY DUE TO SPACE CONSTRAINTS IN URBAN AREAS, 36"X 36" SIGNS MAY BE USED IF APPROVED BY REGIONAL 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.

SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS OR THAT WILL BE PLACED IN A CLOSED LANE MAY BE MOUNTED ON TEMPORARY SUPPORTS.

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.

W20-1A, G20-1 AND G20-2A SIGNS ARE NOT REQUIRED IF THE LANE CLOSURE IS WITHIN A LARGER WORK ZONE WHERE THESE SIGNS ARE ALREADY PRESENT.

REMOVE PAVEMENT MARKINGS AND PLACE TEMPORARY PAVEMENT MARKING LINES IF LANE CLOSURE IS TO BE IN PLACE FOR 4 OR MORE CONTINUOUS DAYS AND NIGHTS.

CONSIDER GEOMETRICS WHEN LOCATING SIGNS AND ARROW BOARDS SO THE APPROACHING DRIVER HAS A CLEAR VIEW OF THE ARROW BOARDS AND LANE CLOSURE DRUMS FOR A MINIMUM 1500 FEET IN FRONT OF DRUMS.

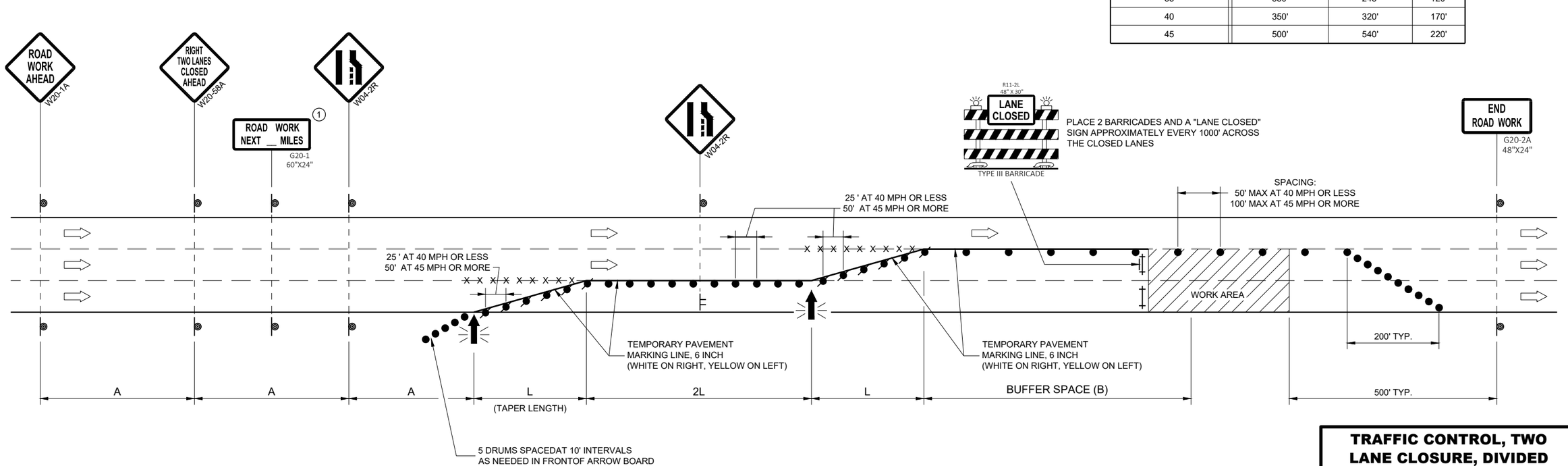
BARRICADES IN A CLOSED LANE THAT MUST BE MOVED FOR A WORK OPERATION SHALL BE IMMEDIATELY REESTABLISHED UPON COMPLETION OF THE OPERATION, OR FOR CONTINUING OPERATIONS, AT THE END OF EACH WORKING DAY.

CHANNELIZING DEVICES PLACED ADJACENT TO WORK AREA SHALL BE PULLED BACK FROM THE TRAVEL LANE WHEN WORK IS NOT IN PROGRESS.

WARNING LIGHTS ARE NOT REQUIRED IF THE LANE CLOSURE IS A DAYTIME ONLY OPERATION.

(1) OMIT G20-1 SIGNS IF LENGTH OF WORK AREA IS 2 MILES OR LESS.

POSTED SPEED LIMIT PRIOR TO WORK STARTING (MPH)	ADVANCE WARNING SIGN SPACING (A) FEET	TAPER LENGTH (12 FT. LANE) (L) FEET	BUFFER SPACE (B) FEET
25	200'	125'	55'
30	200'	180'	85'
35	350'	245'	120'
40	350'	320'	170'
45	500'	540'	220'



TRAFFIC CONTROL, TWO LANE CLOSURE, DIVIDED NON-FREEWAY/EXPRESSWAY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2023
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEE 457

FHWA

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SDD 15D22-06

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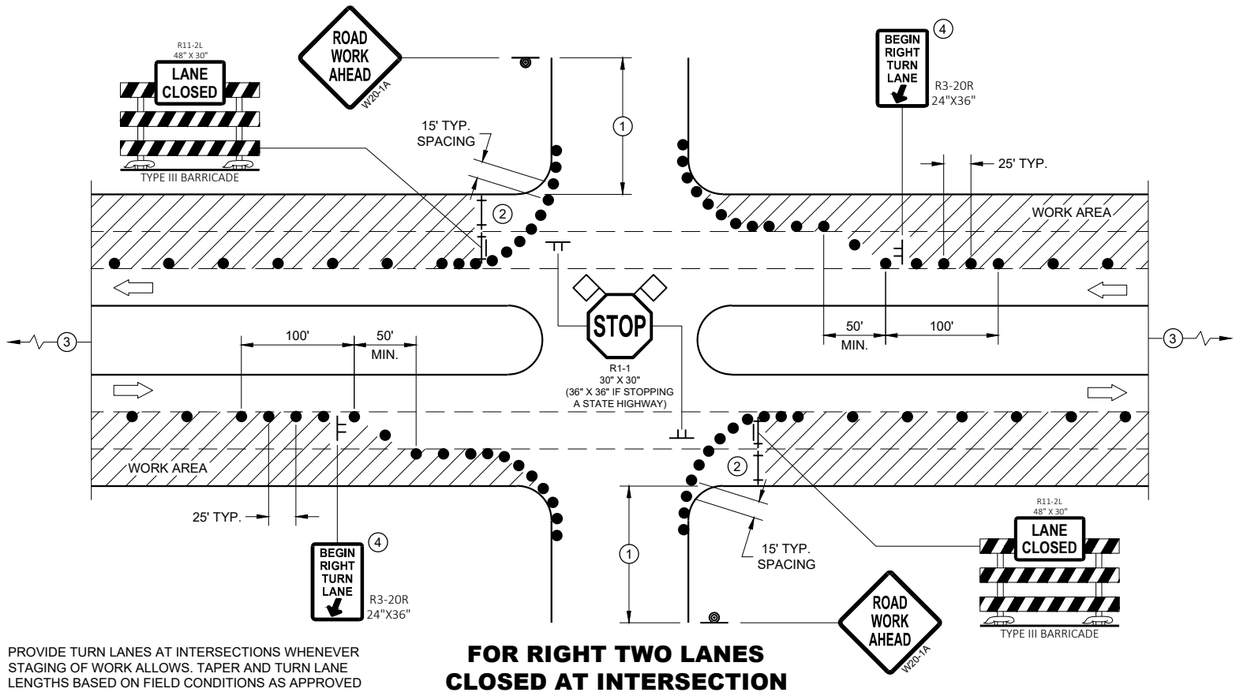
SDD 15D22-06



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 TWO LANES CLOSED AT INTERSECTION

GENERAL NOTES

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(3) SEE SEPARATE LANE CLOSURE DETAIL FOR ADDITIONAL TRAFFIC CONTROL.

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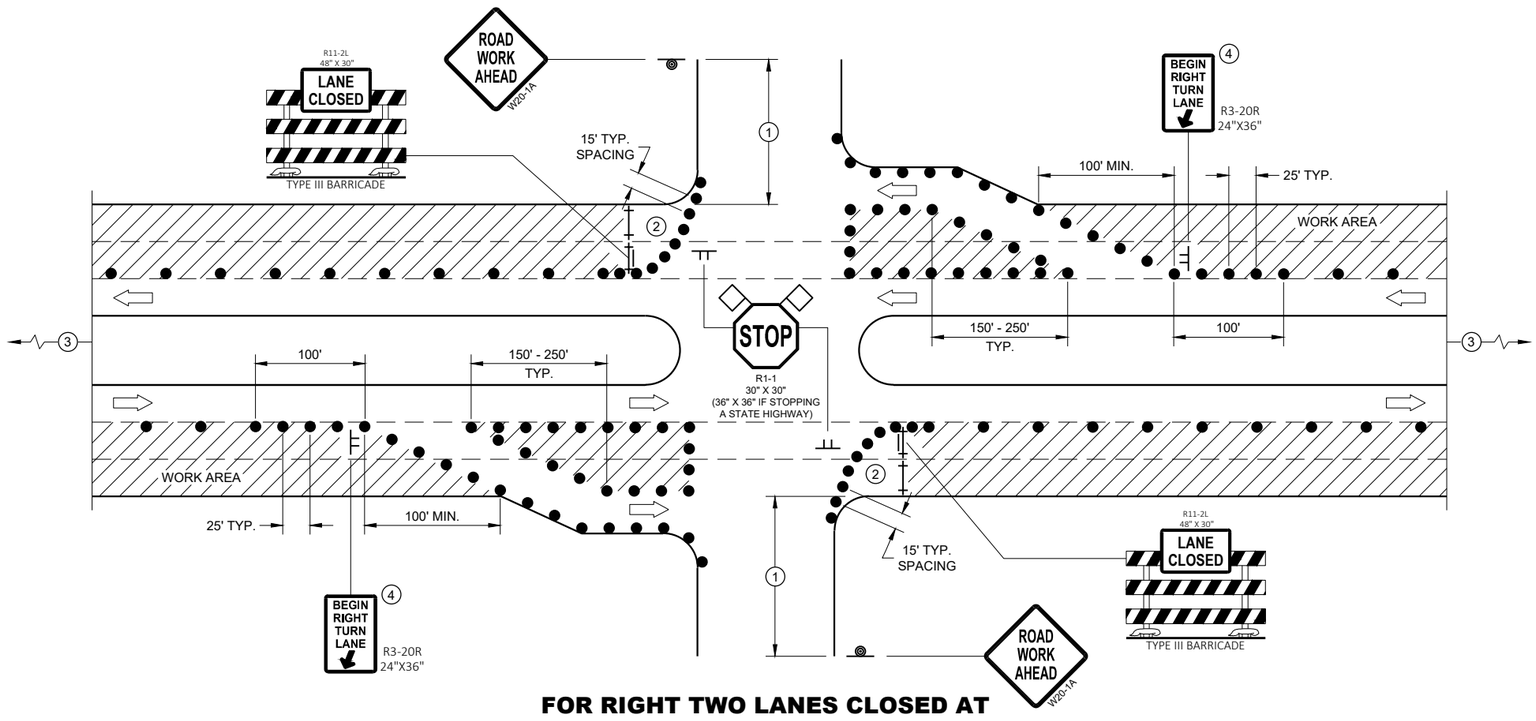

FOR RIGHT TWO LANES CLOSED AT INTERSECTION (WITH RIGHT TURN BAY OPEN)

LEGEND

- SIGN ON TEMPORARY SUPPORT
- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- DIRECTION OF TRAFFIC
- FLAGS, 16" X 16" MIN., ORANGE
- WORK AREA

TRAFFIC CONTROL, INTERSECTION WITHIN TWO RIGHT LANE CLOSURE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

SDD 15D23 - 07a

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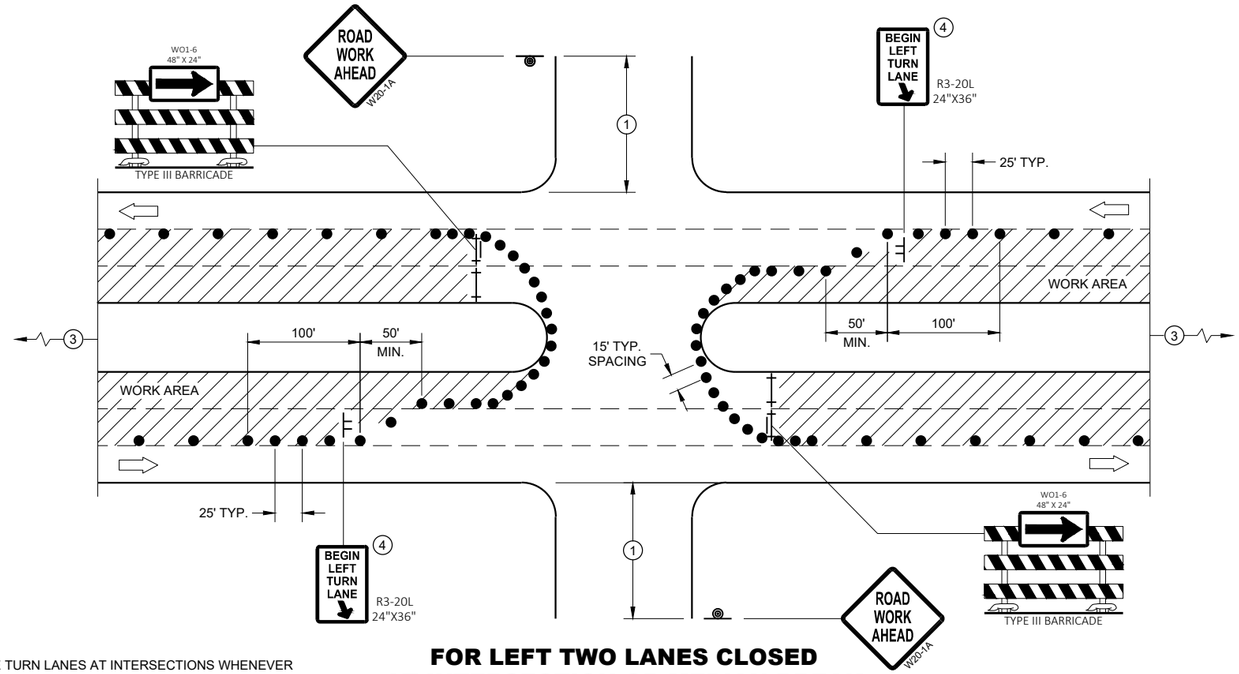
SDD 15D23 - 07a



FOR LEFT TWO LANES CLOSED AT INTERSECTION OR MEDIAN BREAK

PROVIDE TURN LANES AT INTERSECTIONS WHENEVER STAGING OF WORK ALLOWS. TAPER AND TURN LANE LENGTHS BASED ON FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

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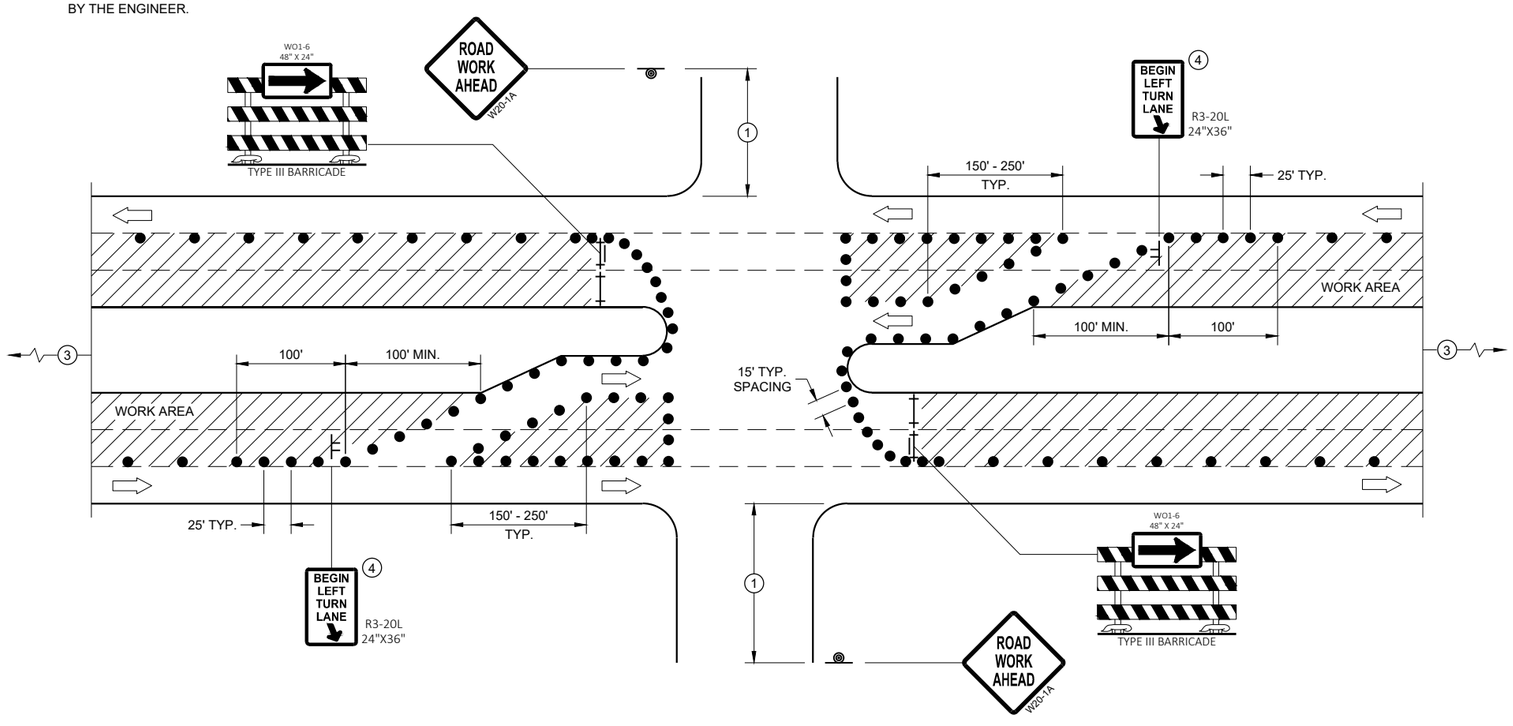


FOR LEFT TWO LANES CLOSED AT INTERSECTION OR MEDIAN BREAK (WITH LEFT TURN BAY OPEN)

LEGEND

- SIGN ON TEMPORARY SUPPORT
- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- DIRECTION OF TRAFFIC
- FLAGS, 16" X 16" MIN., ORANGE
- WORK AREA

TRAFFIC CONTROL, INTERSECTION WITHIN TWO LEFT LANE CLOSURE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
August 2021
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEE 459

FHWA

GENERAL NOTES

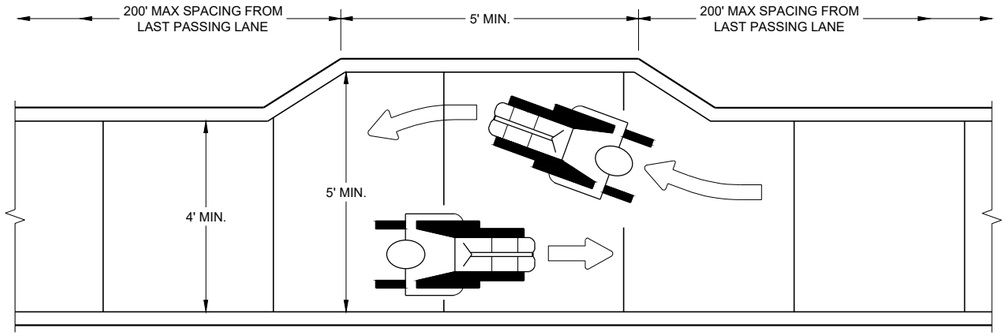
BARRICADE DEVICE SELECTED FROM APPROVED PRODUCT LIST

(1) REFLECTIVE SHEETING SHALL FOLLOW THE REQUIREMENTS IN THE APPROVED PRODUCTS LISTING FOR SIGN SHEETING.

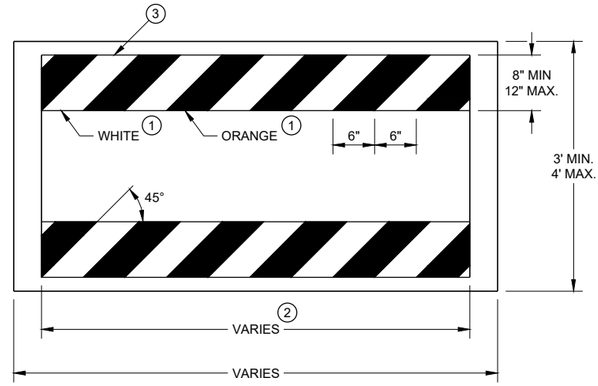
(2) SHEETING REQUIRED ON MORE THAN 50% OF BARRICADE WIDTH.

(3) PLACE SHEETING ON BOTH SIDES OF THE BARRICADE.

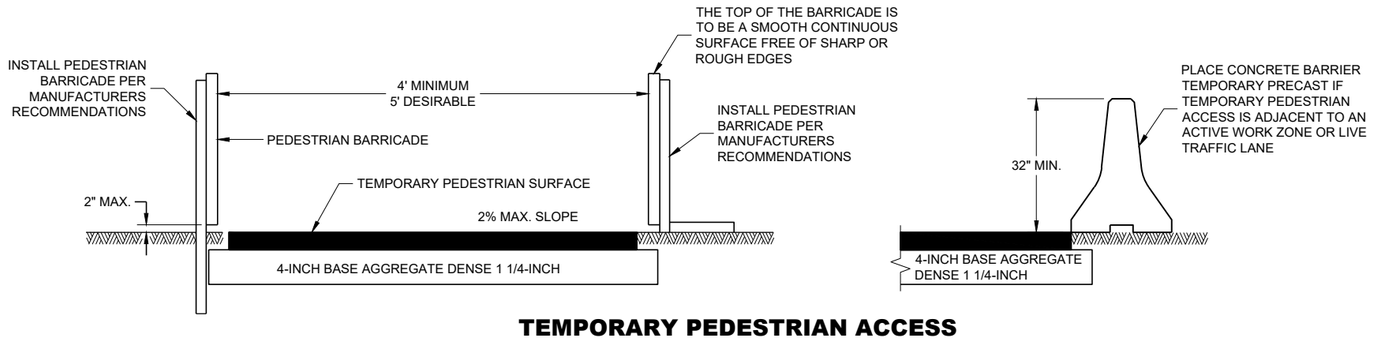
* USE THIS DETAIL FOR SHEETING PLACEMENT REFERENCE.



NARROW SIDEWALK PASSING DETAIL



TEMPORARY PEDESTRIAN BARRICADE*



TEMPORARY PEDESTRIAN ACCESS

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

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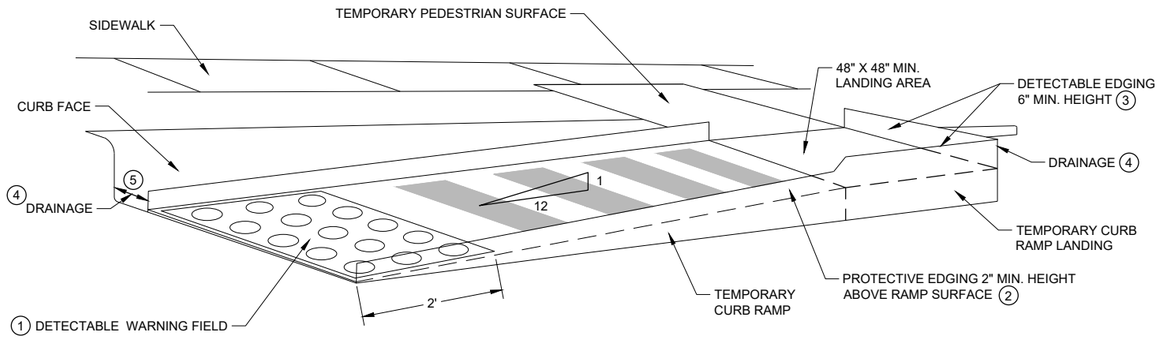
SDD 15D30 - 09a



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 1:50 (2%) 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.

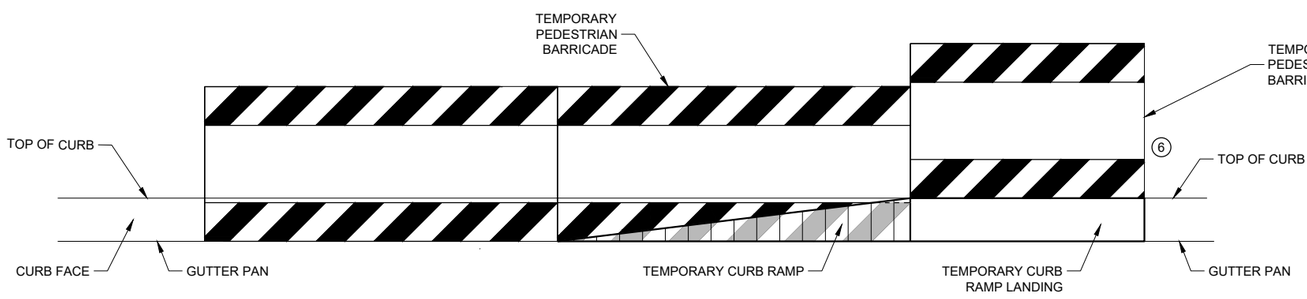
(2) PROTECTIVE EDGING WITH A 2" MIN. HEIGHT SHALL BE INSTALLED WHEN A CURB RAMP OR LANDING PLATFORM HAS A VERTICAL DROP OF 6" OR GREATER OR HAS A SIDE APRON SLOPE STEEPER THAN 1:3 (33%). PROTECTIVE EDGING SHOULD BE CONSIDERED WHEN CURB RAMPS OR LANDING PLATFORMS HAVE A VERTICAL DROP OF 3" OR MORE.

(3) DETECTABLE EDGING WITH 6" MIN. HEIGHT AND CONTRASTING COLOR SHALL BE INSTALLED ON ALL CURB RAMP LANDINGS WHERE THE WALKWAY CHANGES DIRECTION (TURNS).

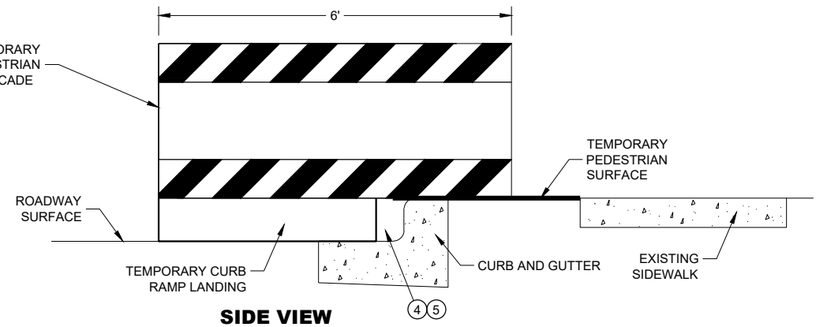
(4) DO NOT RESTRICT WATER FLOW IN THE GUTTER SYSTEM.

(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.



FRONT VIEW



SIDE VIEW

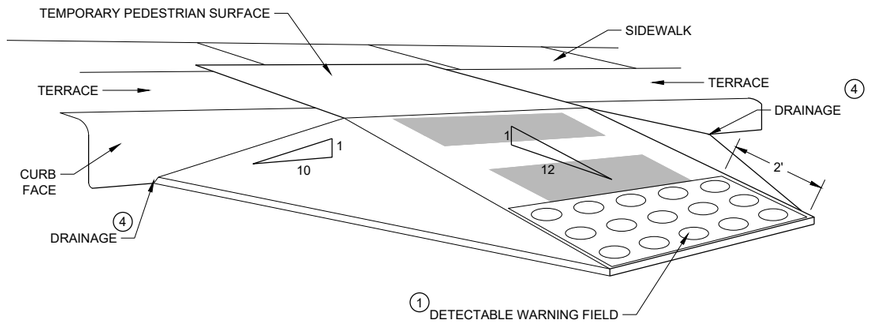
TEMPORARY CURB RAMP PARALLEL TO CURB

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

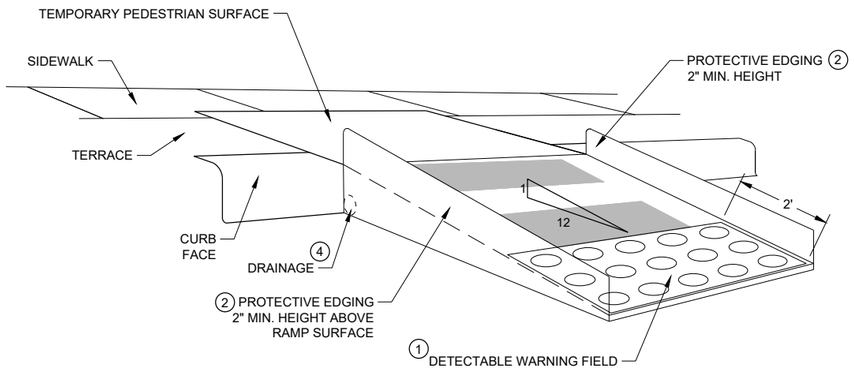
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTA

6

SDD 15D30 - 09b



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 1:50 (2%) 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

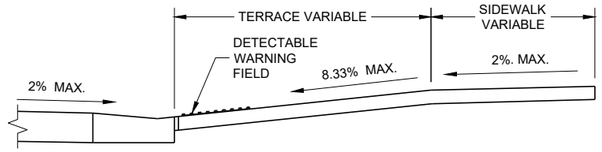
BARRICADE DEVICE SELECTED FROM APPROVED PRODUCT LIST

(1) REFLECTIVE SHEETING SHALL FOLLOW THE REQUIREMENTS IN THE APPROVED PRODUCTS LISTING FOR SIGN SHEETING.

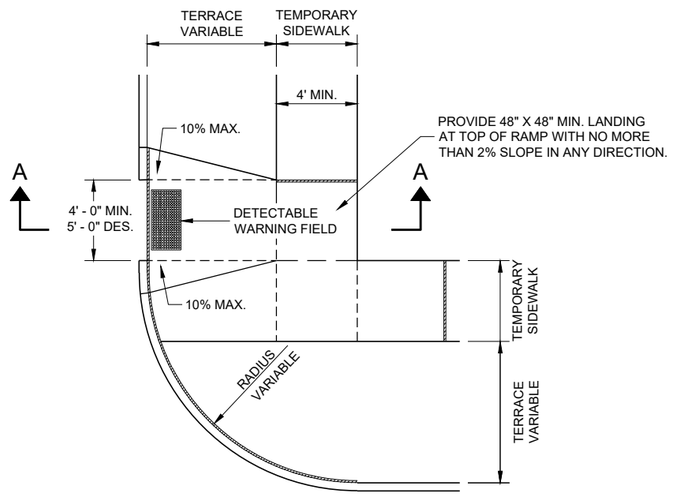
(2) SHEETING REQUIRED ON MORE THAN 50% OF BARRICADE WIDTH.

(3) PLACE SHEETING ON BOTH SIDES OF THE BARRICADE.

* USE THIS DETAIL FOR SHEETING PLACEMENT REFERENCE.



SECTION A - A



PLAN VIEW

TEMPORARY TYPE 3 RAMP

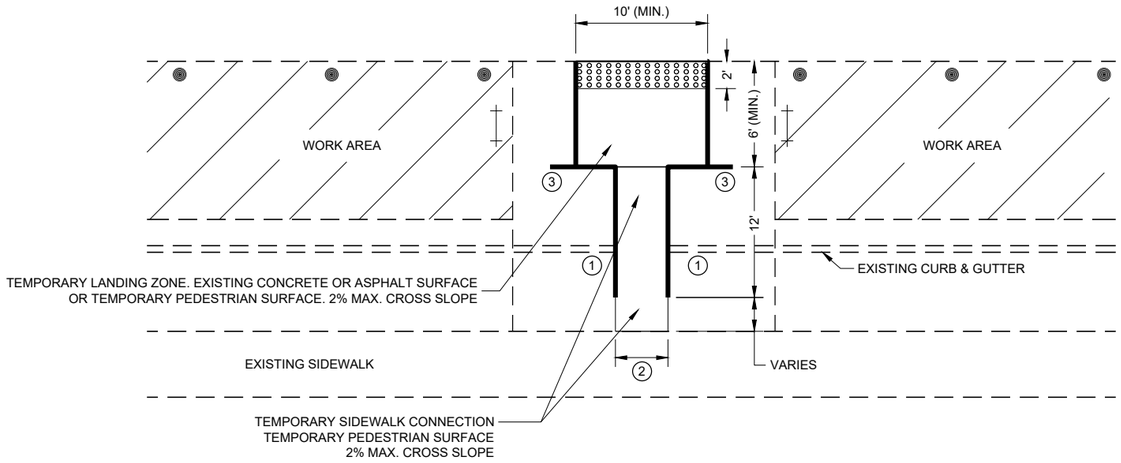
(OUTSIDE OF CROSSWALK AREA)

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

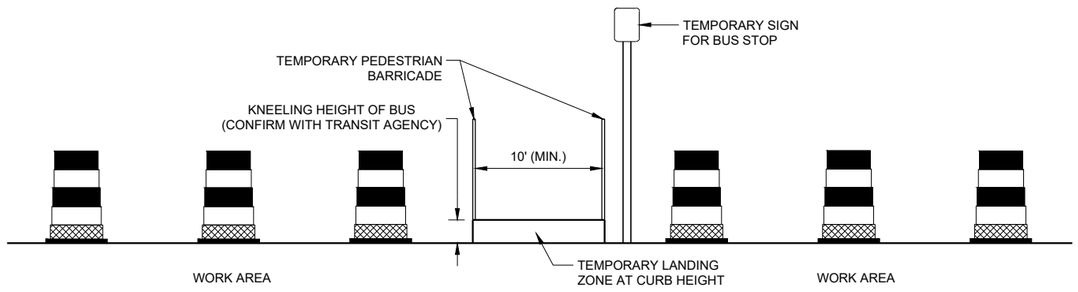
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2023 — DATE
/S/ Andrew Heidtke — WORK ZONE ENGINEER
FHWA

6
SDD 15D30-09d



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 1:50 (2%) 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

6

SDD 15D30 - 09e

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

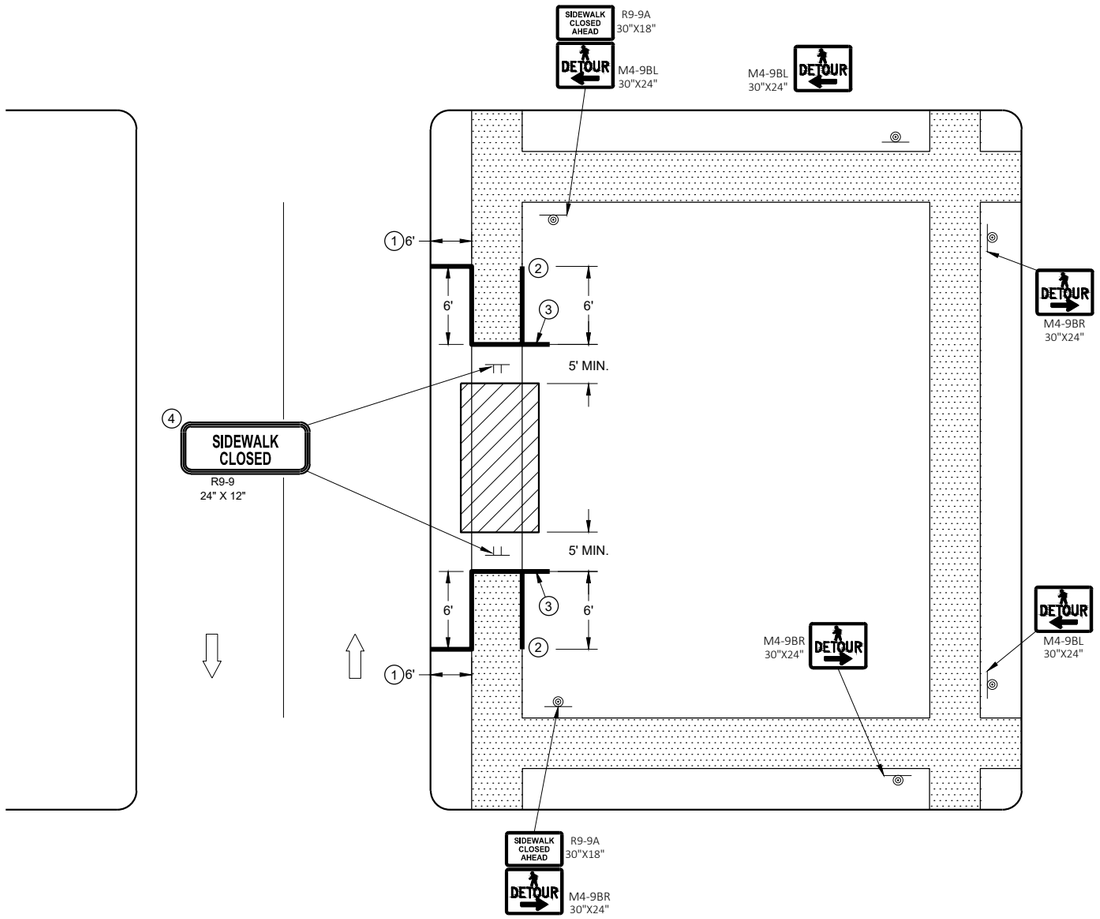
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

SDD 15D30 - 09e

LEGEND

- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- UNDER PEDESTRIAN TRAFFIC
- WORK AREA
- TEMPORARY PEDESTRIAN BARRICADE
- DIRECTION OF TRAFFIC



GENERAL NOTES

SIGN LAYOUTS SHALL BE IN ACCORDANCE WITH THE WISCONSIN STANDARD SIGN PLATES.

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.

SIDEWALK DETOUR, SIDEWALK ONLY ON ONE SIDE

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

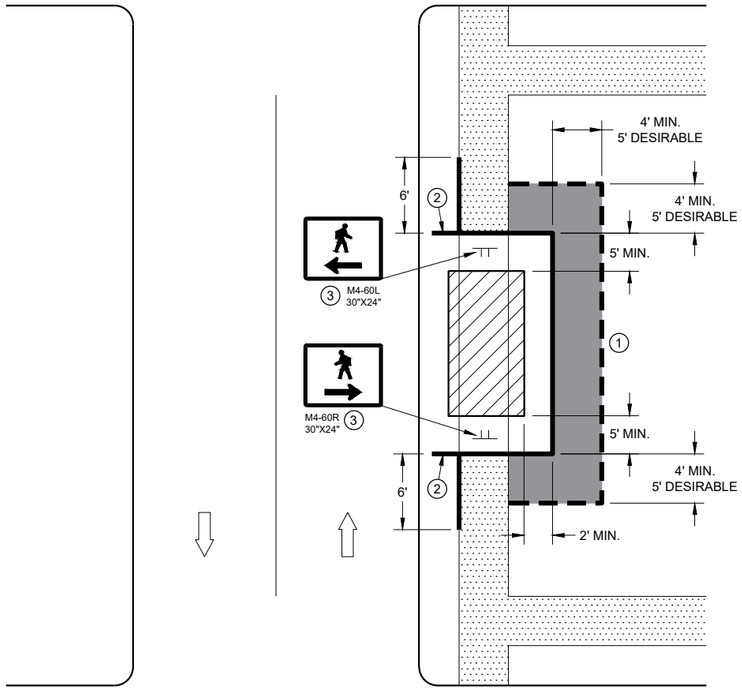
TYPICAL TEMPORARY PEDESTRIAN BARRICADE PANEL IS 6 FEET LONG.

SIGN LAYOUTS SHALL BE IN ACCORDANCE WITH THE WISCONSIN STANDARD SIGN PLATES.

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 DIVERSION
SINGLE SIDE

6

SDD 15D30 - 09g

6

SDD15D30 - 09g

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

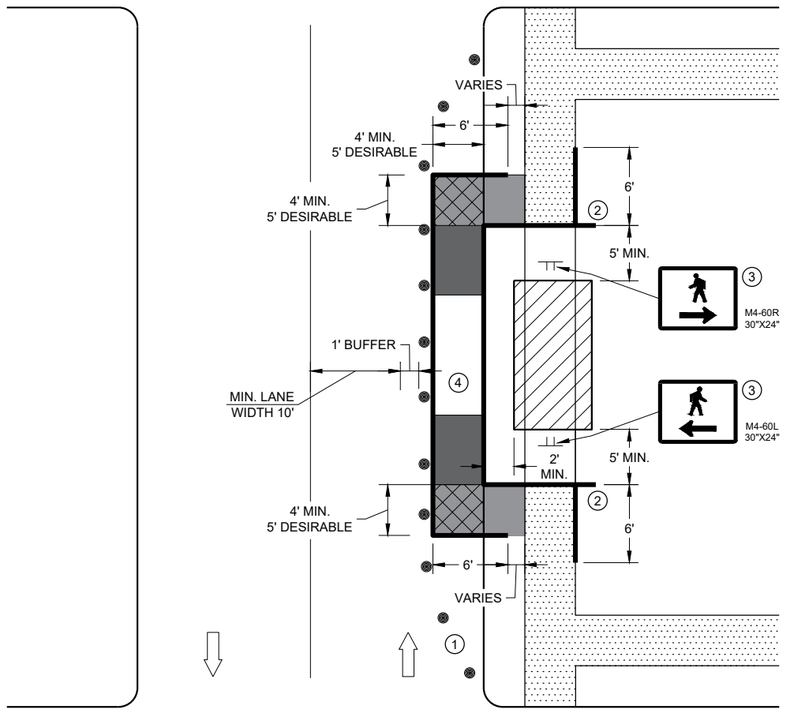
GENERAL NOTES

TYPICAL TEMPORARY PEDESTRIAN BARRICADE PANEL IS 6 FEET LONG.

SIGN LAYOUTS SHALL BE IN ACCORDANCE WITH THE WISCONSIN STANDARD SIGN PLATES.

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 SURACE HAS BEEN REMOVED, USE A TEMPORARY PEDESTRIAN SURFACE.



SIDEWALK DIVERSION, SINGLE SIDE

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

SDD 15D30 - 09h

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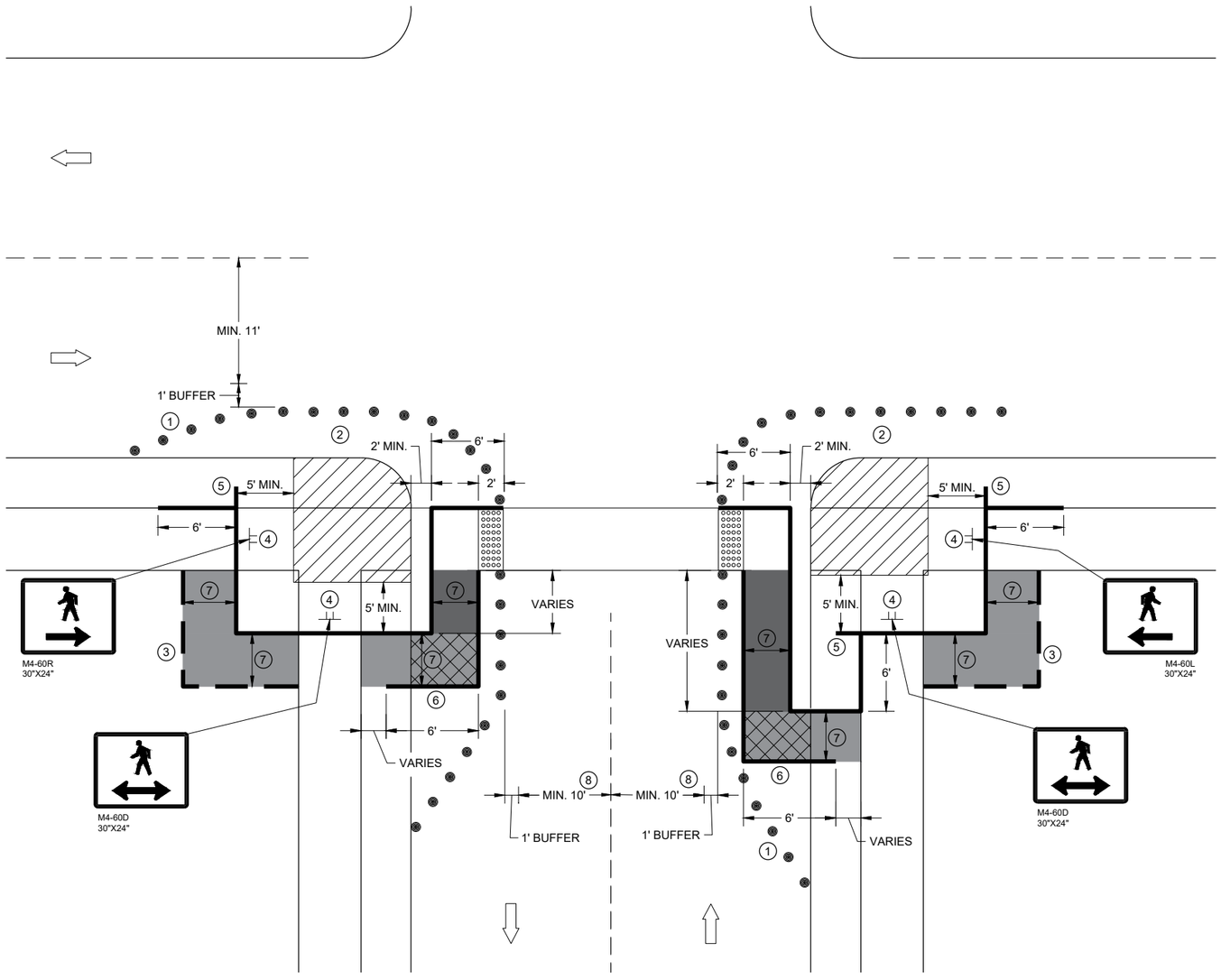
SDD 15D30 - 09h



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.

SIGN LAYOUTS SHALL BE IN ACCORDANCE WITH THE WISCONSIN STANDARD SIGN PLATES.

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.

(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.

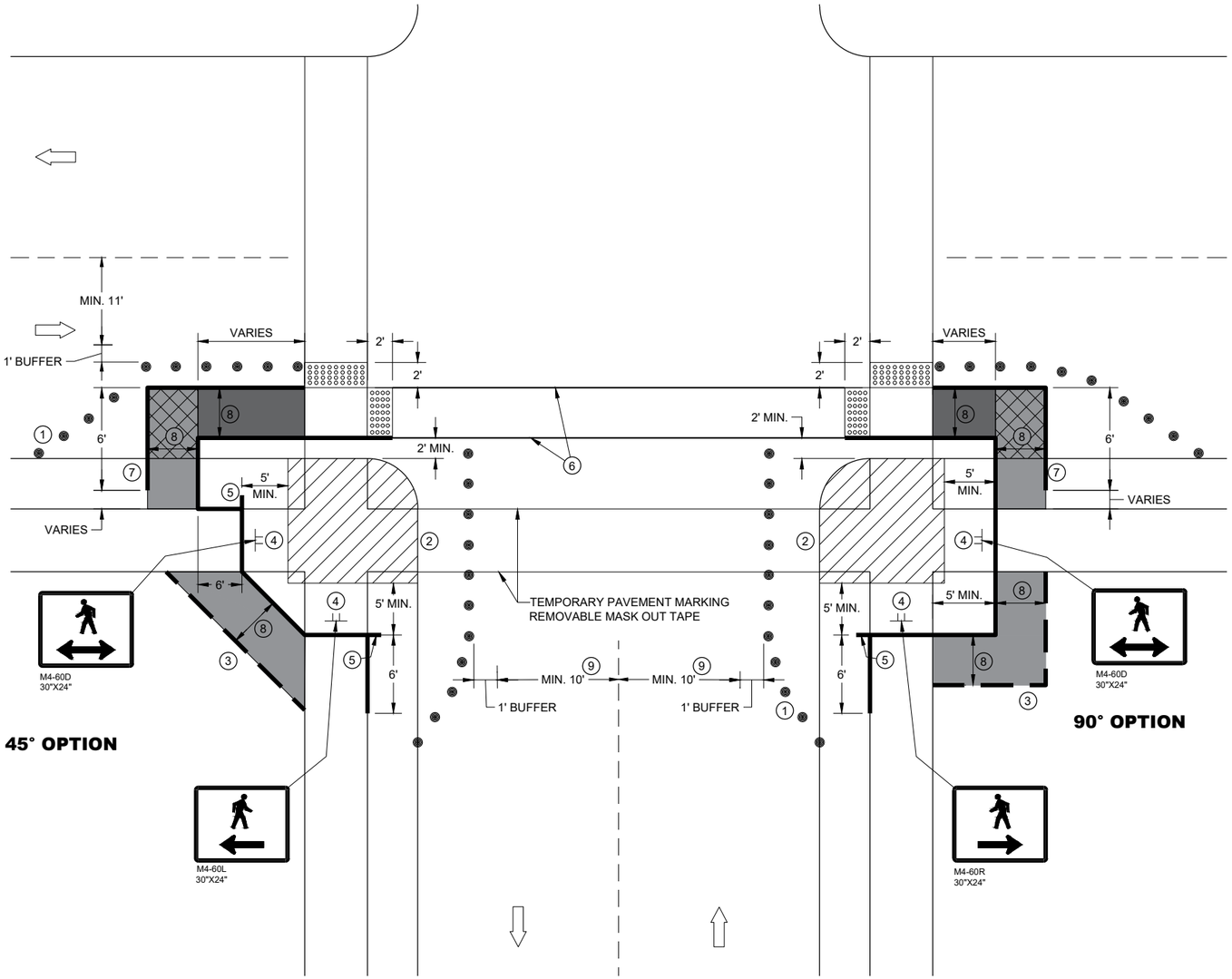
LEGEND

- 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

TRAFFIC CONTROL,
PEDESTRIAN ACCOMMODATION

SDD 15D30 - 09i

6



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.

SIGN LAYOUTS SHALL BE IN ACCORDANCE WITH THE WISCONSIN STANDARD SIGN PLATES.

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.

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

6

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

SDD 15D30 - 09j

LEGEND

SIGN ON PERMANENT SUPPORT

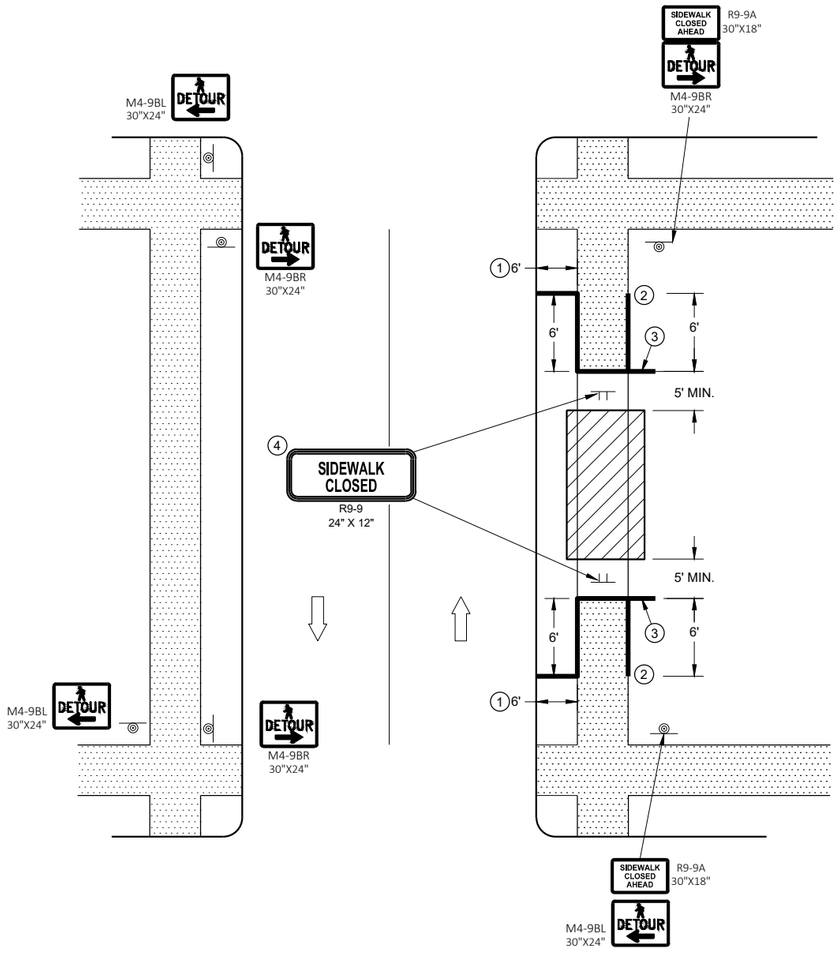
SIGN ON TEMPORARY SUPPORT

UNDER PEDESTRIAN TRAFFIC

WORK AREA

TEMPORARY PEDESTRIAN BARRICADE

DIRECTION OF TRAFFIC



SIDEWALK DETOUR, SIDEWALK ON BOTH SIDES

GENERAL NOTES

SIGN LAYOUTS SHALL BE IN ACCORDANCE WITH THE WISCONSIN STANDARD SIGN PLATES.

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.

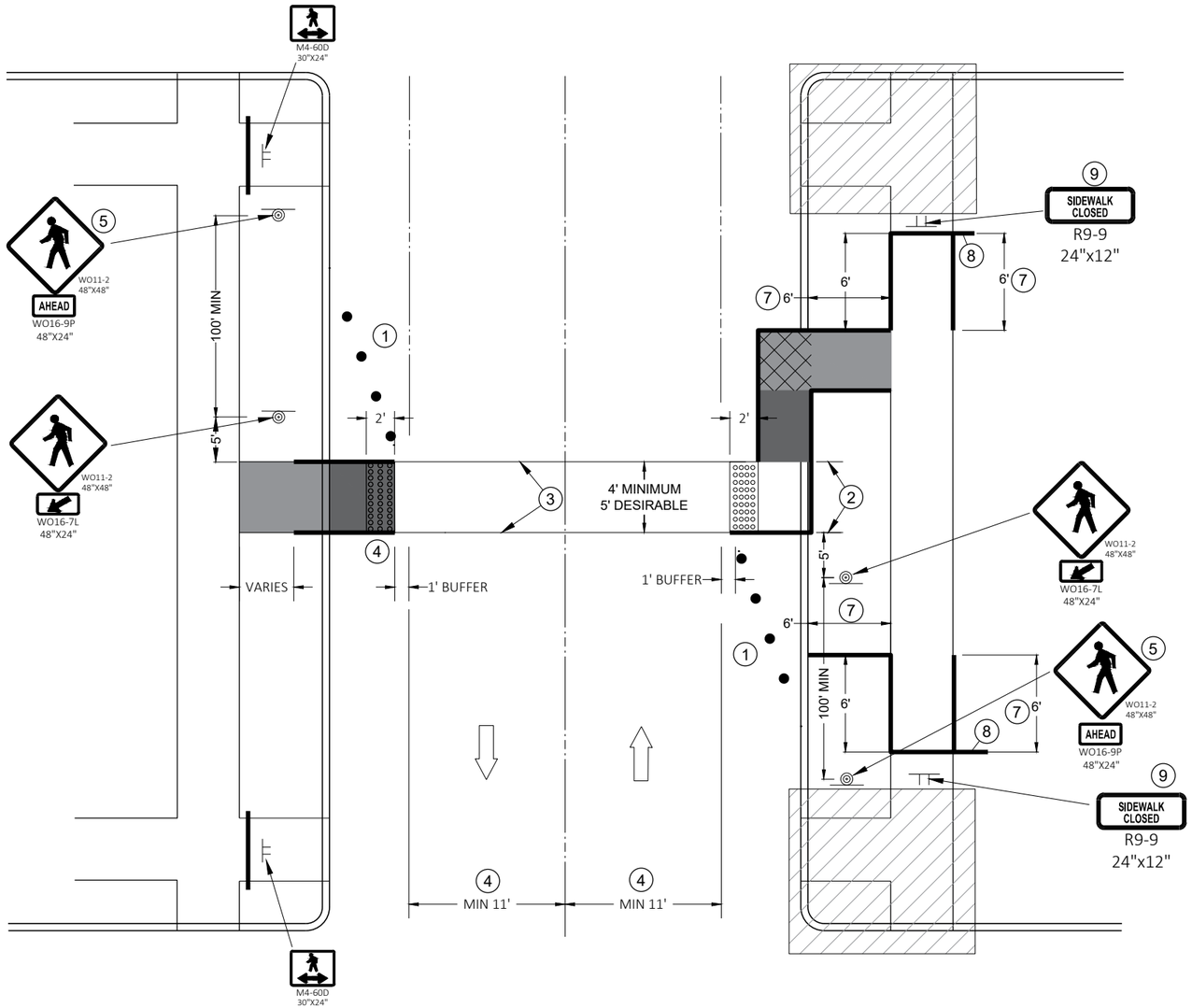
PLACE TEMPORARY PEDESTRIAN BARRICADE TO FIT FIELD CONDITIONS, AVOIDING CONFLICT WITH DRIVEWAYS AND OTHER EXISTING FEATURES.

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

6

SDD 15D30 - 09k



TEMPORARY PEDESTRIAN CROSSING

GENERAL NOTES

TYPICAL TEMPORARY PEDESTRIAN BARRICADE PANEL IS 6 FEET LONG.

SIGN LAYOUTS SHALL BE IN ACCORDANCE WITH THE WISCONSIN STANDARD SIGN PLATES.

SEE OTHER PEDESTRIAN ACCOMMODATION DETAILS FOR SIGNING AND DEVICES FOR DIFFERENT PEDESTRIAN FACILITIES CLOSURES.

(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.

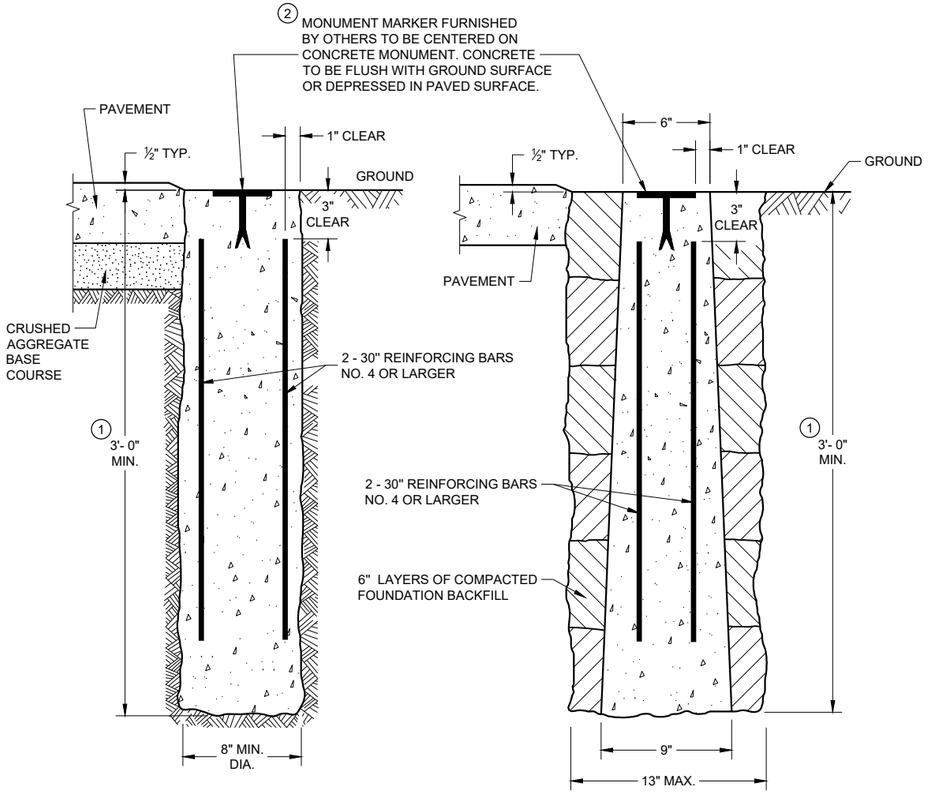
LEGEND

- 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

6

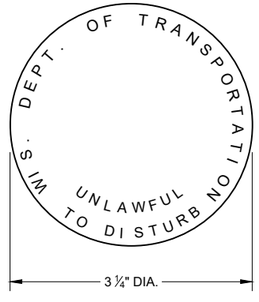
TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

SDD 15D30 - 09L



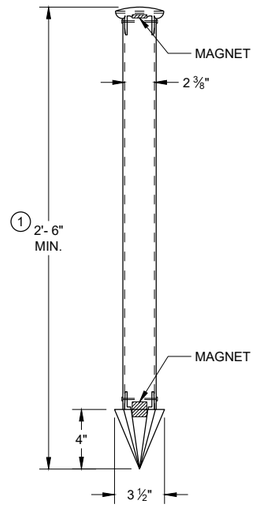
CAST-IN-PLACE **PRECAST**

CONCRETE MONUMENTS
TYPE A

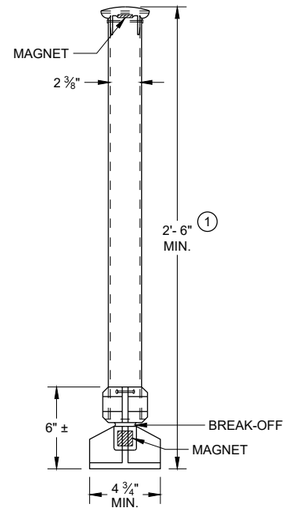


② **WIS DOT MONUMENT MARKER LOGO**

FOR TYPES "A", "C" & "D"

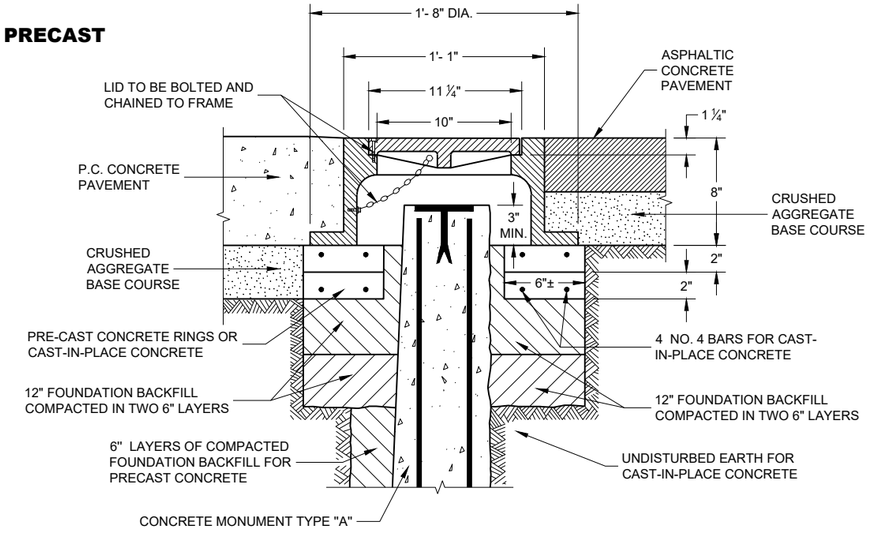


TYPE C
DRIVEN MONUMENT



TYPE D
NON-DRIVEN
BREAK-OFF MONUMENT

ALUMINUM MONUMENTS
(INCLUDES MARKER)



CAST IRON MONUMENT COVER
(APPROXIMATE WEIGHT 95 LBS)

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.

DETAILED DRAWINGS OF PROPOSED ALTERNATE DESIGNS FOR METAL MONUMENTS OR MONUMENT COVERS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL.

PERMANENT MAGNETS SHALL BE INSERTED NEAR THE TOP AND BOTTOM OF ALL ALUMINUM MONUMENTS SO THE MONUMENT CAN EASILY BE DETECTED BY A METAL DETECTOR.

THE CAST IRON MONUMENT COVER SHALL BE A "NON-ROCKING" TYPE. ADJUSTMENT OF THE COVER TO GRADE MAY BE ACCOMPLISHED BY THE USE OF MORTAR AND BRICK, OR BY EITHER PRECAST OR CAST-IN-PLACE REINFORCED CONCRETE GRADE RINGS.

MONUMENTS SHALL BE LOCATED AND PLACED AT THE DIRECTION OF THE ENGINEER.

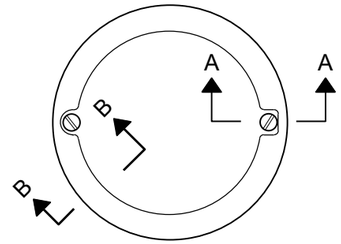
ALUMINUM MONUMENTS AND MONUMENT COVERS SHALL BE MADE FROM AN ALUMINUM AND MAGNESIUM ALLOY AS DETERMINED BY THE MANUFACTURER.

THE MONUMENT COVERS DETAILED ON THIS DRAWING ARE NOT EQUAL ALTERNATES. MONUMENT COVERS SHALL BE CAST IRON UNLESS ALUMINUM IS SPECIFIED ELSEWHERE IN THE CONTRACT.

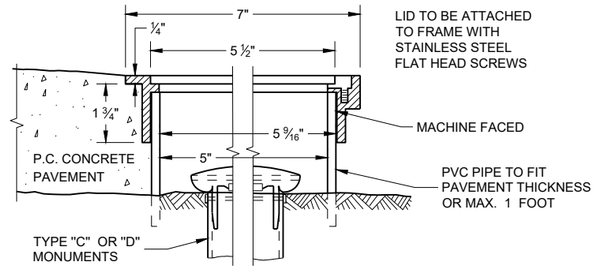
MONUMENT SHALL BE CAST-IN-PLACE CONCRETE UNLESS PRECAST CONCRETE OR ALUMINUM MONUMENTS ARE SPECIFIED IN THE CONTRACT OR PERMITTED BY THE ENGINEER.

① MINIMUM LENGTH SHALL BE 4'-0" FOR MONUMENTS INSTALLED IN PAVED AREAS.

② AN OFFICIAL COUNTY MONUMENT MARKER SUPPLIED BY A COUNTY MAY BE REQUIRED FOR SOME SECTION CORNERS AND WITNESS MONUMENTS INSTEAD OF THIS WISDOT MARKER.



TOP VIEW



SECTION B-B **SECTION A-A**

ALUMINUM MONUMENT COVER
(APPROXIMATE WEIGHT 2 LBS)
(FOR CONCRETE PAVEMENT ONLY)

LANDMARK REFERENCE MONUMENTS AND COVERS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
March 2018
DATE

/S/ Raymond A. Kumapayii
CHIEF SURVEYING AND MAPPING ENGINEER

FHWA

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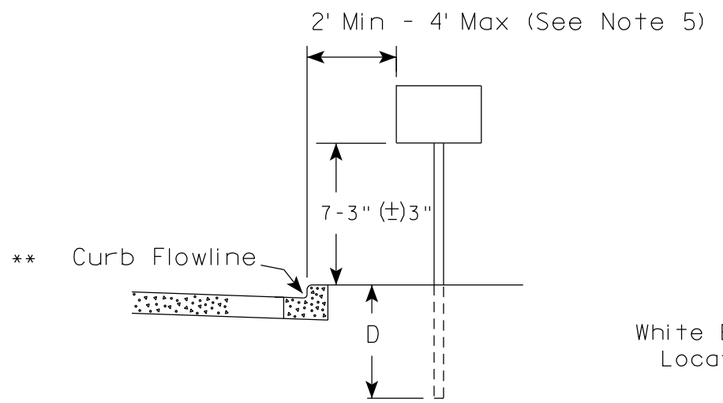
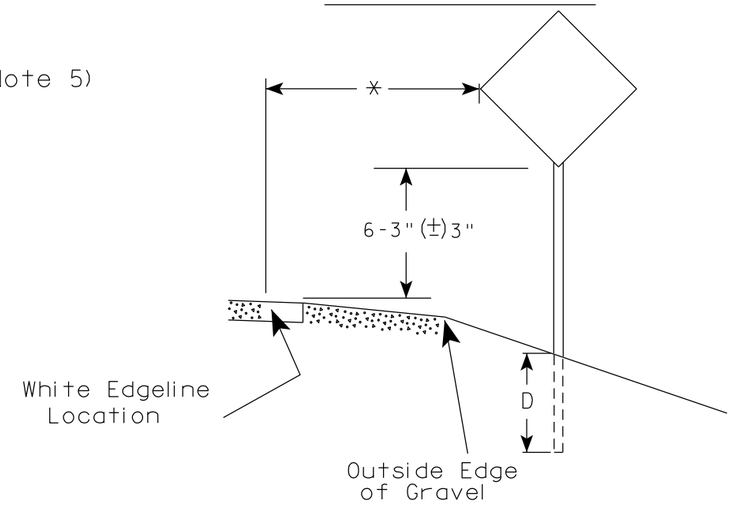
SDD 16A01 - 07

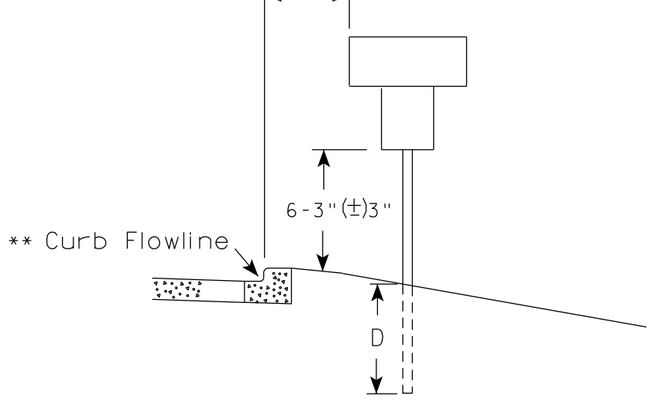
SDD 16A01 - 07

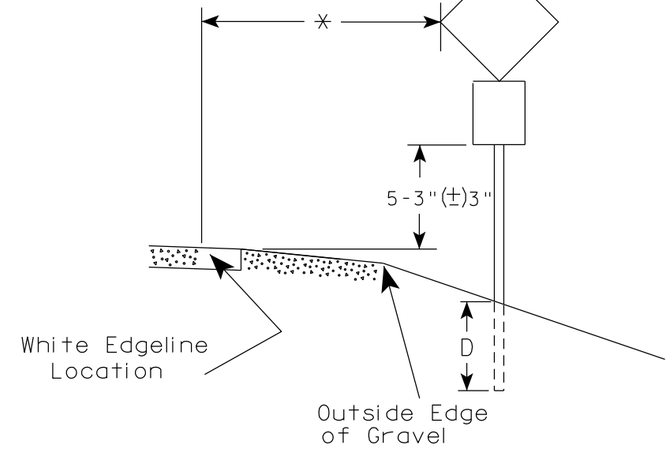
URBAN AREA



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.

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.

POST EMBEDMENT DEPTH

Area of Sign Installation (Sq. Ft.)	D (Min)
20 or Less	4'
Greater than 20	5'

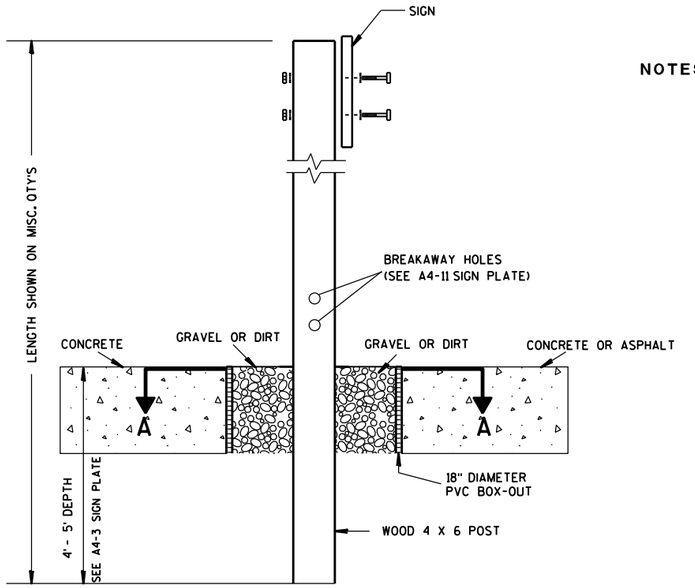
TYPICAL INSTALLATION OF PERMANENT TYPE II SIGNS ON SINGLE POSTS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 12/6/23 PLATE NO. A4-3.23

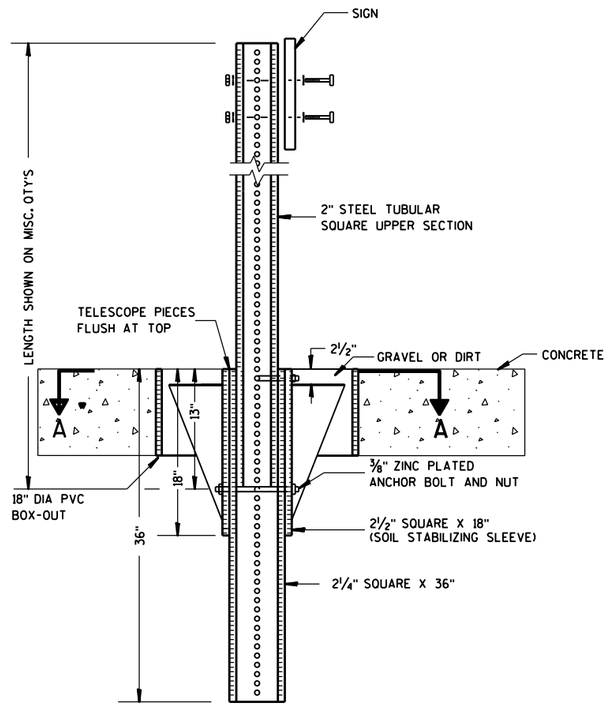
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 473	E



ELEVATION VIEW

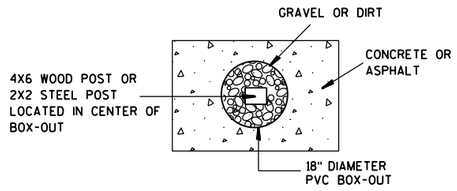
DETAIL OF WOOD 4 X 6 SIGN POST IN BOX-OUT

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

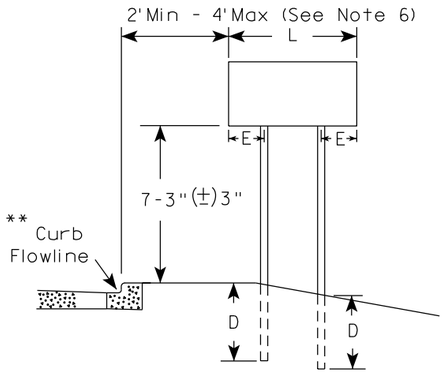
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/27/14 PLATE NO. A4-3B.1

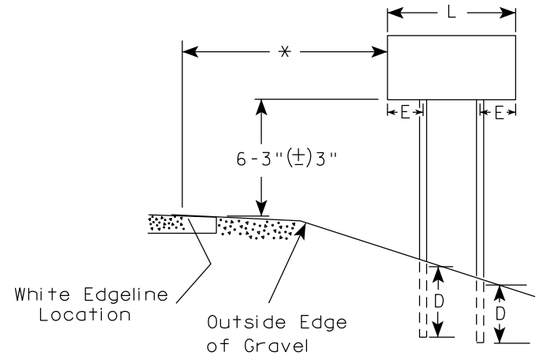
PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

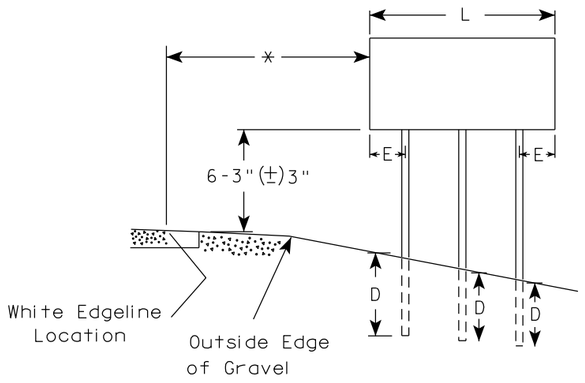
FILE NAME : C:\CAEFiles\Projects\tr_stdplate\A43B.DGN PLOT DATE : 27-JAN-2014 09:48 PLOT BY : mscsja PLOT NAME : PLOT SCALE : 13.659812:1.000000 WISDOT/CADDS SHEET 42

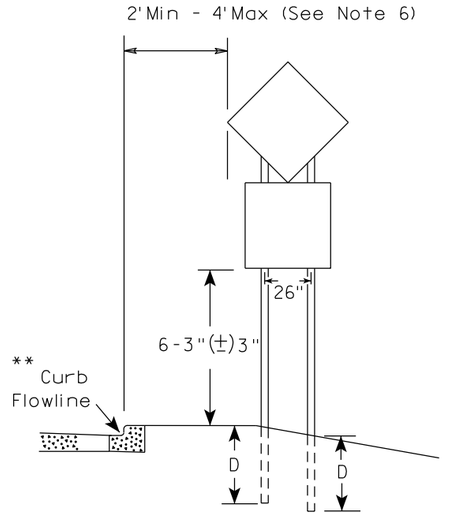
URBAN AREA



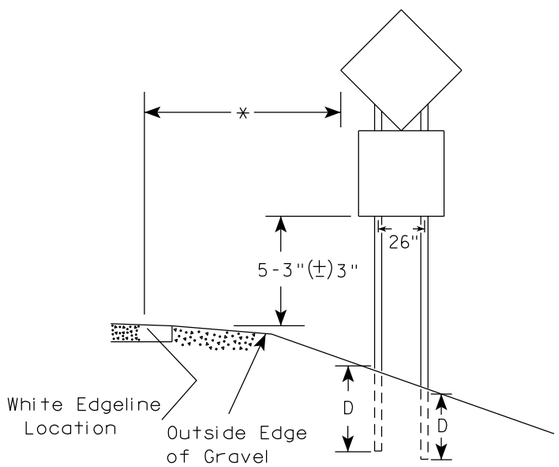
RURAL AREA (See Note 3)







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'

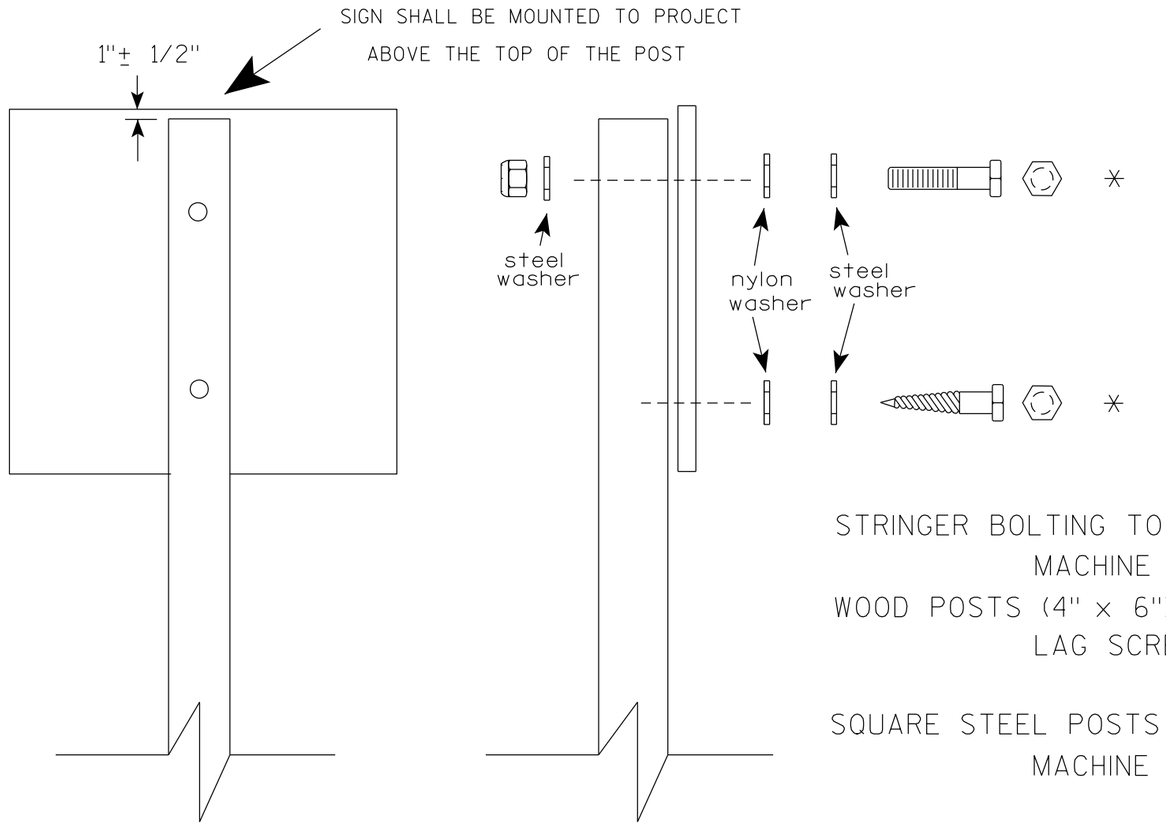
TYPICAL INSTALLATION OF TYPE II SIGNS ON MULTIPLE POSTS

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: 475	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

PROJECT NO:

SHEET NO: 476 E

FILE NAME : C:\CAEFiles\Projects\tr_stdplate\A48.DGN PLOT DATE : 01-APRIL-2020 PLOT BY : dotc4c

WISDOT/CADDS SHEET 42

7

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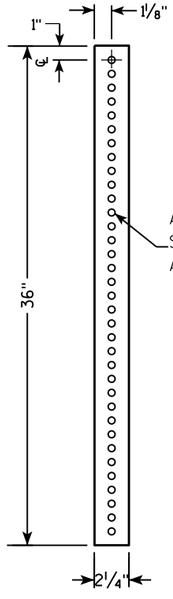
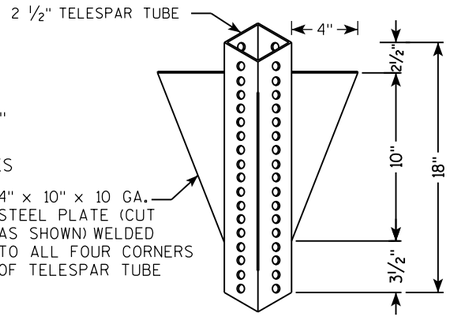
TELESCOPIC TUBING ANCHORS
TWO PIECE SYSTEM

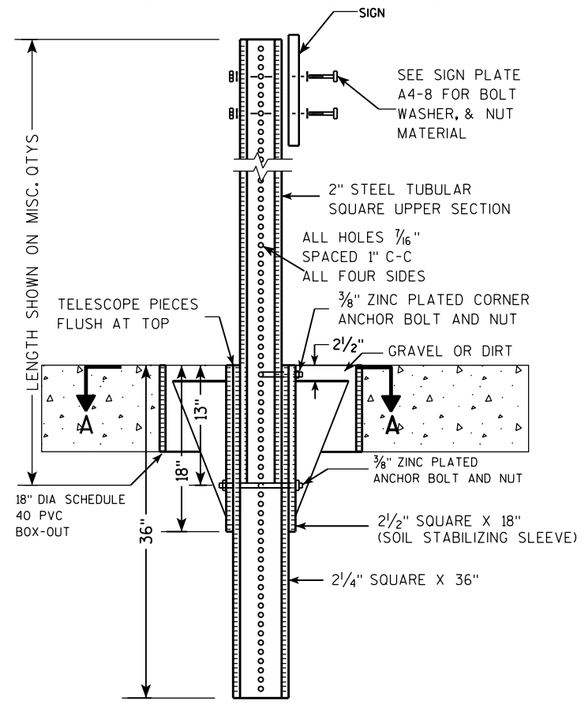
2 1/4 " SQUARE
12 GAUGE
PERFORATED
GALVANIZED FINISH



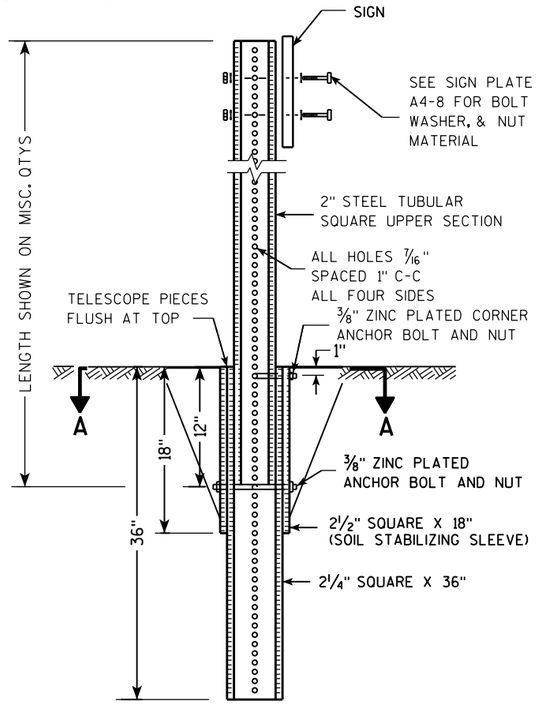
2 1/2 " SQUARE
12 GAUGE
OMNI-DIRECTIONAL
PERFORATED
SOIL STABILIZING SLEEVE
GALVANIZED FINISH

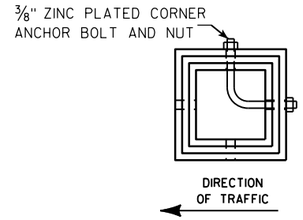


DETAIL OF TUBULAR STEEL SIGN POST
(IN POURED CONCRETE OR ASPHALT)



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

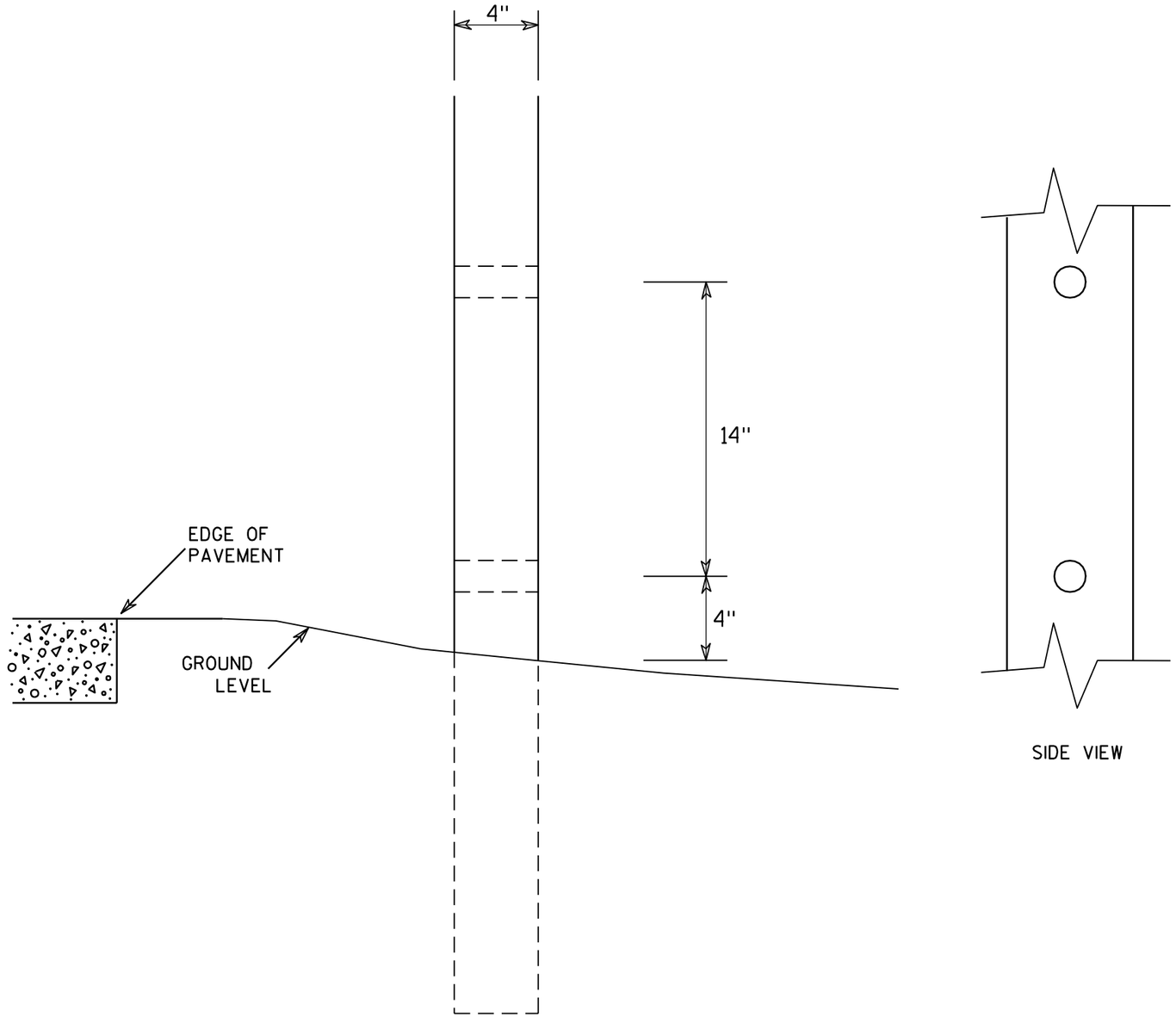
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/05/15 PLATE 477 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



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.

7

7

4 X 6 WOOD POST MODIFICATIONS

WISCONSIN DEPT OF TRANSPORTATION

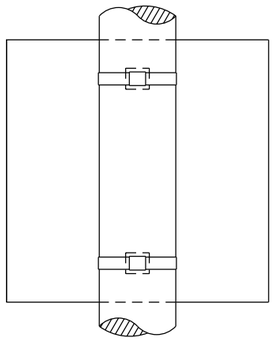
APPROVED Chester J Spang
for State Traffic Engineer

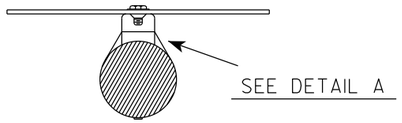
DATE 3/27/97 PLATE NO. A4-11.2

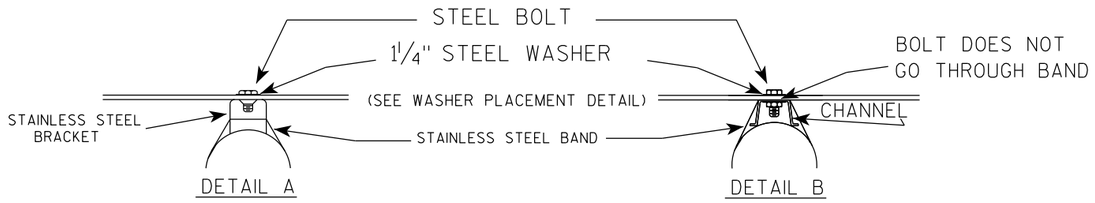
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 478	E

BANDING

SINGLE SIGN



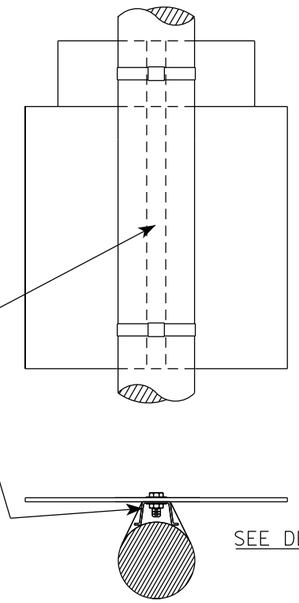




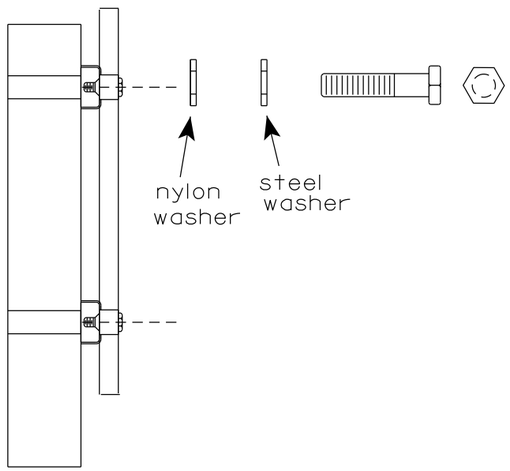
GENERAL NOTES

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



WASHER PLACEMENT



WASHERS (ALL POSTS) -
1-1/4" O.D. X ⅜" I.D. X 1/16" STEEL
1-1/4" O.D. X ⅜" I.D. X .080 NYLON
FOR ALL TYPE H SIGNS

STANDARD SIGN
SIGN BANDING DETAILS

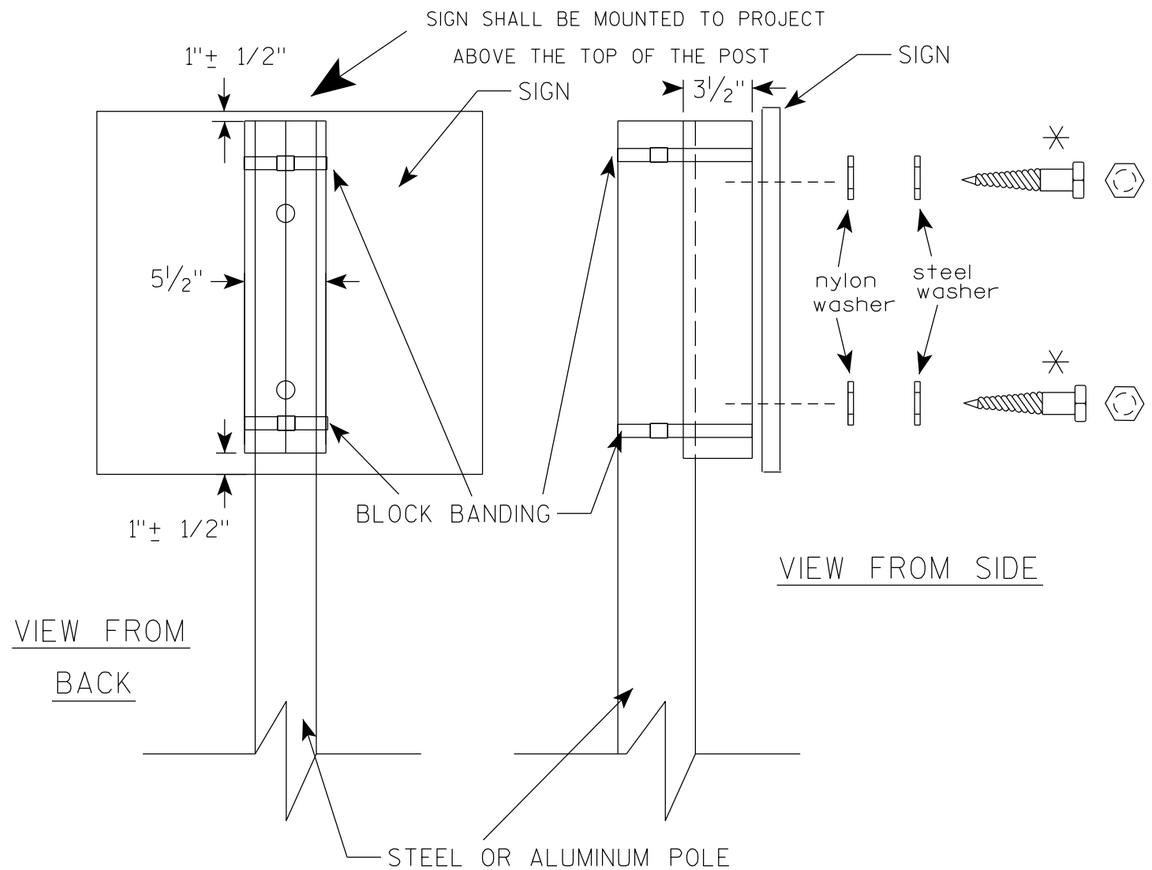
WISCONSIN DEPT OF TRANSPORTATION

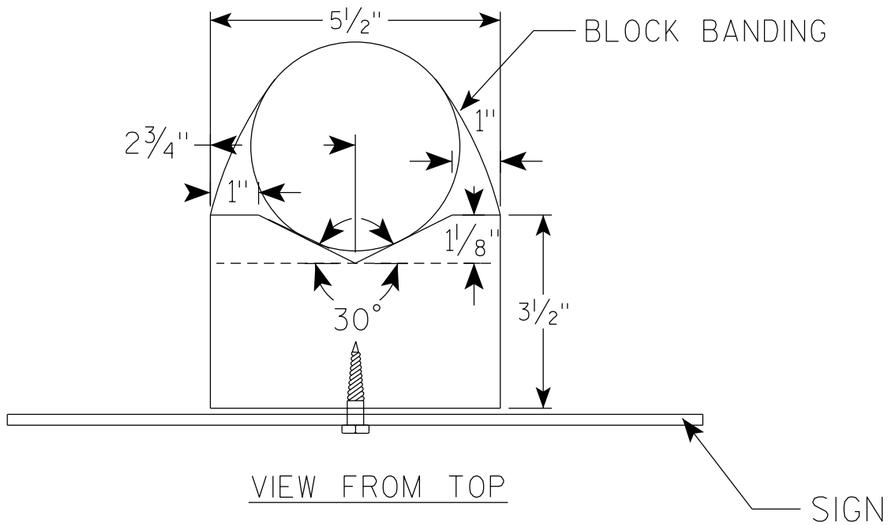
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 6/10/19 PLATE NO. A5-9.4

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 479	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





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)

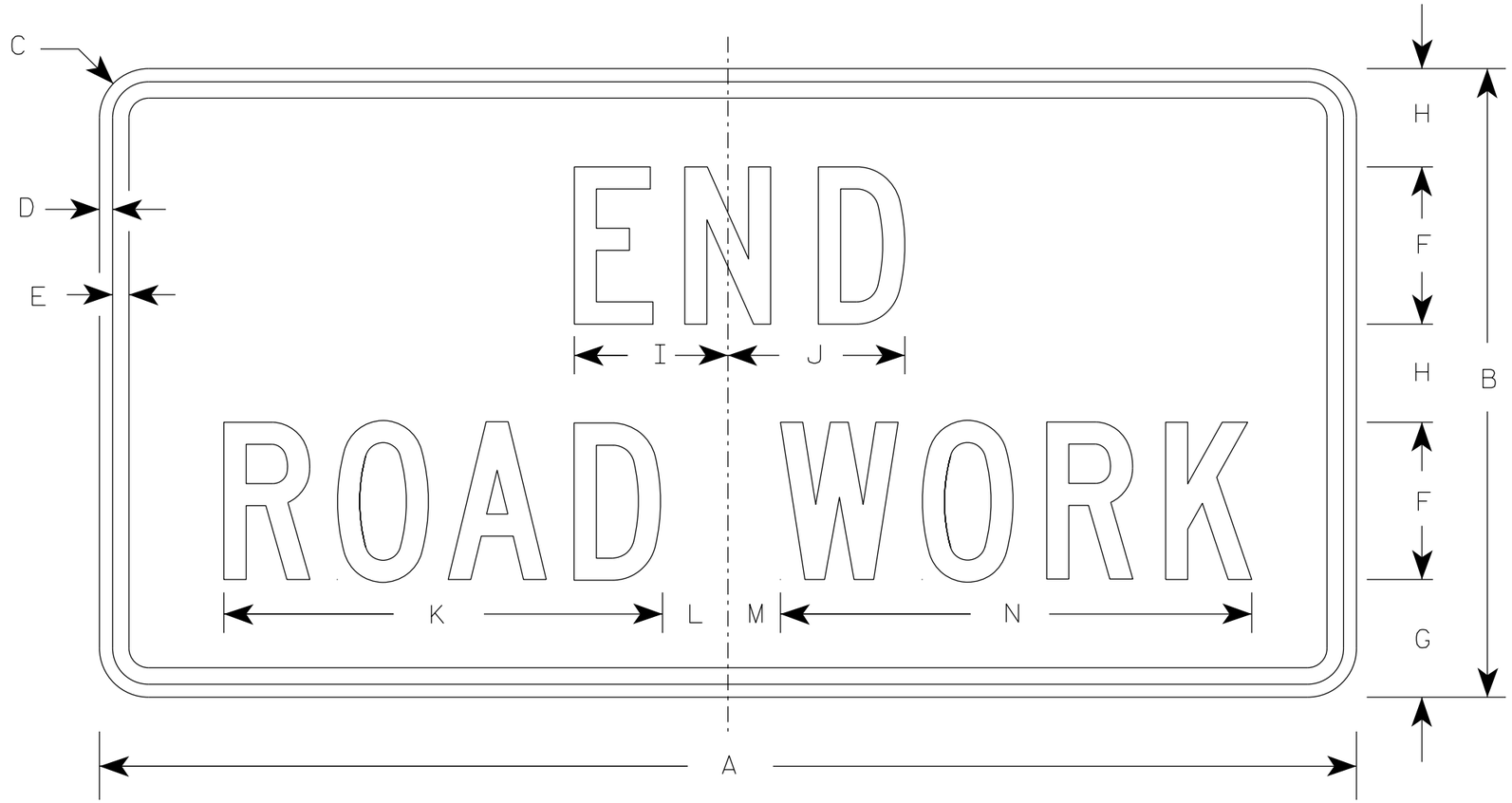
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 4/19/2022 PLATE NO. A5-10.3

PROJECT NO:

SHEET NO: 480 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

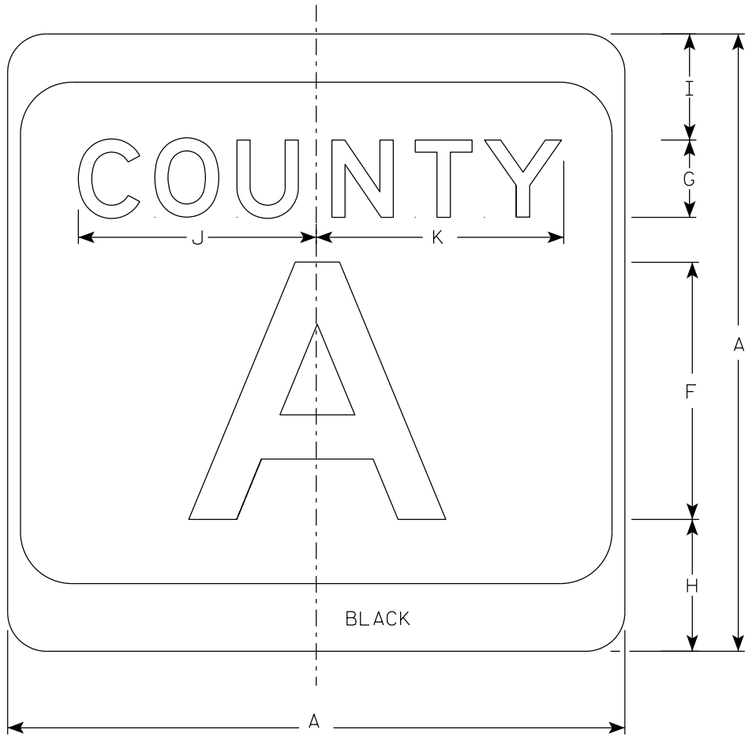
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

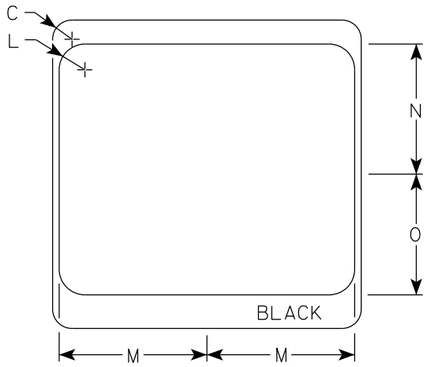
DATE 1/26/2023 PLATE NO. G20-2A.10

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 481 E

7

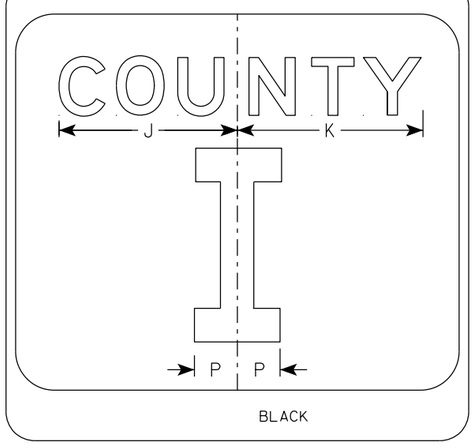


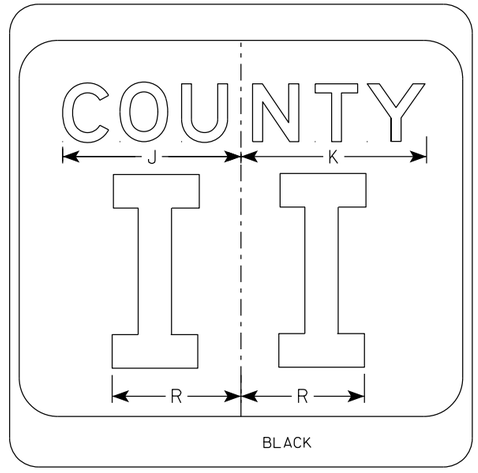
M1-5A



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

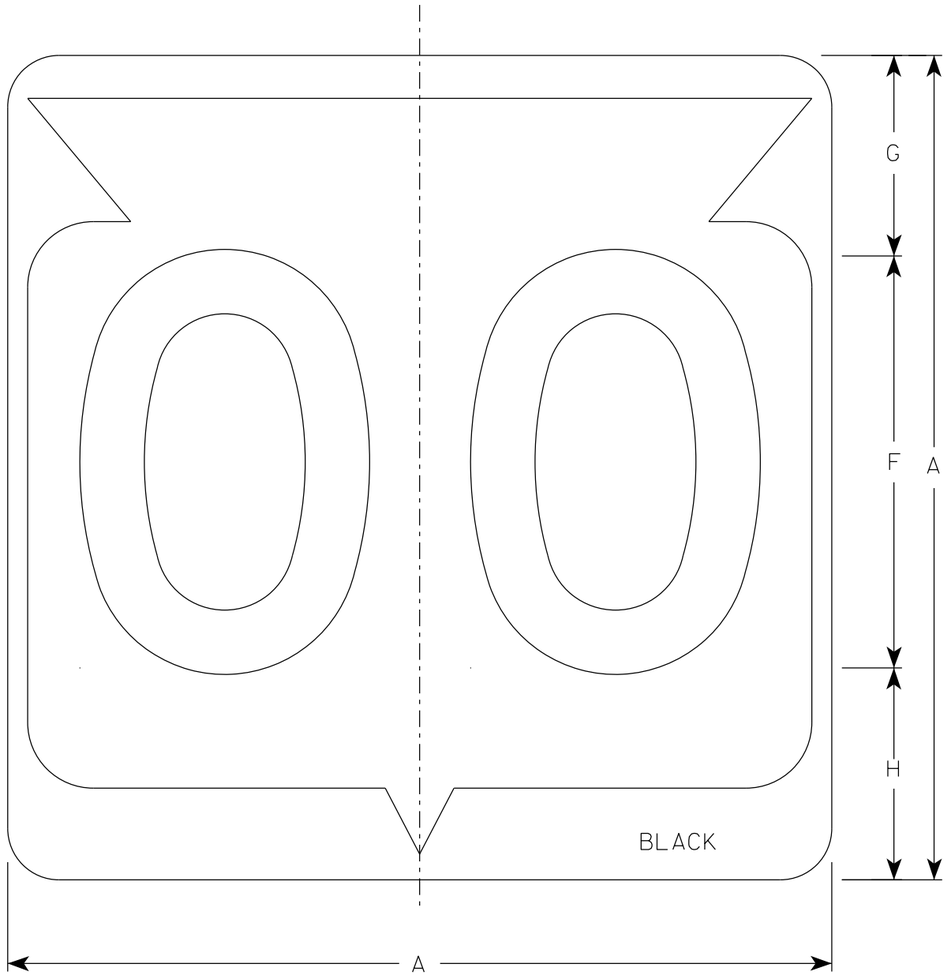
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/8/2022 PLATE NO. M1-5A.9

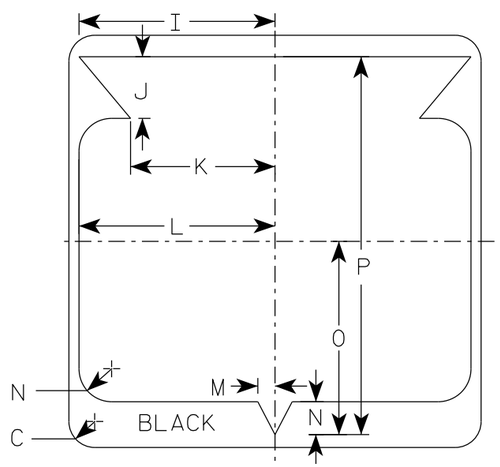
PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

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

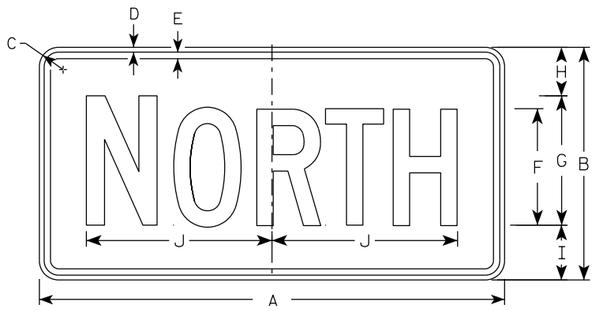
STATE ROUTE MARKER
M1-6 FOR ASSEMBLIES

WISCONSIN DEPT OF TRANSPORTATION

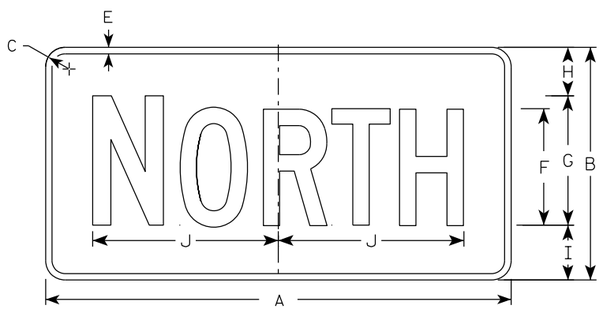
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/8/2022 PLATE NO. M1-6.11

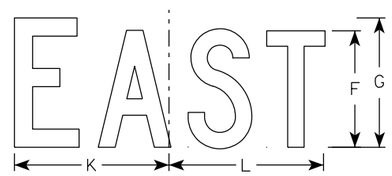
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 483	E



M3-1
MM3-1
MP3-1

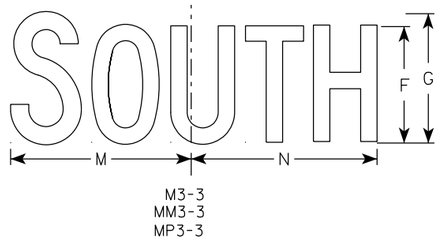


MB3-1
MK3-1
MN3-1

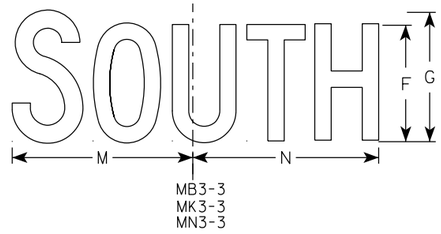


M3-2
MM3-2
MP3-2

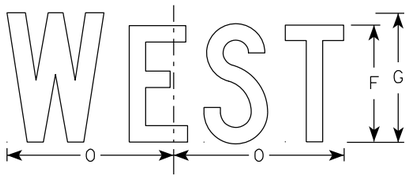
MB3-2
MK3-2
MN3-2



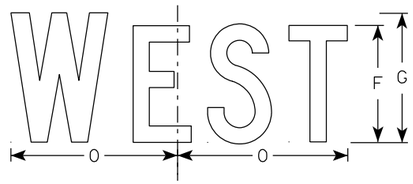
M3-3
MM3-3
MP3-3



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

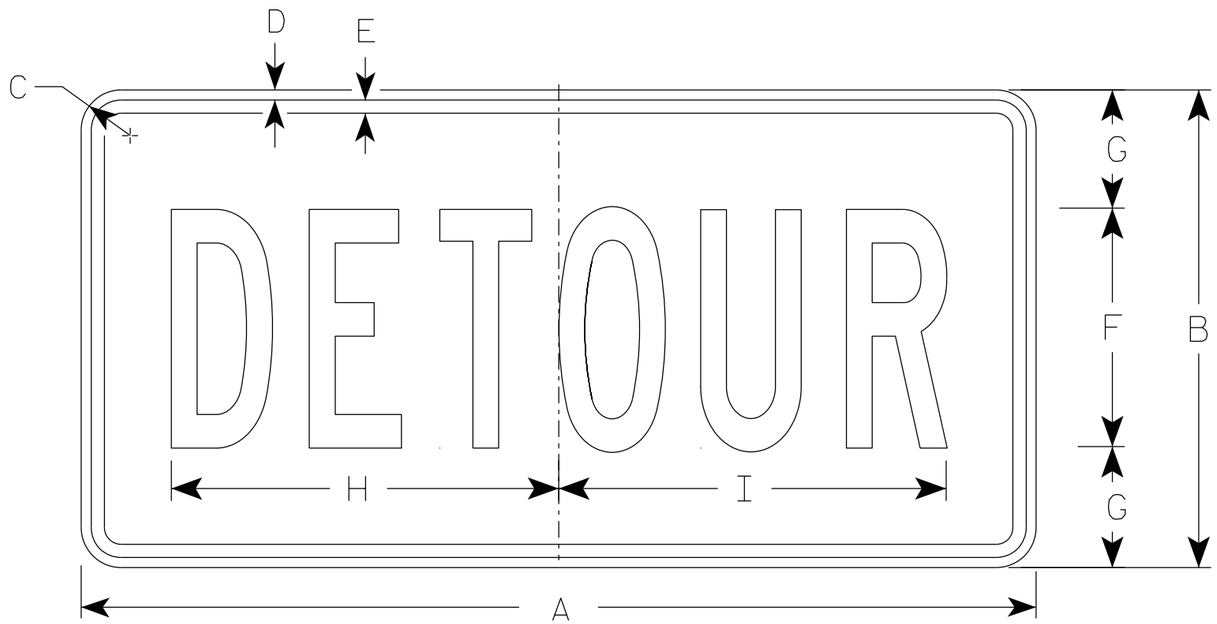
STANDARD SIGNS
M3-1 THRU M3-4
SERIES

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: 484 | E



M4-8

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - B
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																											
2	24	12	1 1/2	3/8	3/8	6	3	10	10 1/4																		2.0
2M	24	12	1 1/2	3/8	3/8	6	3	10	10 1/4																		2.0
3	36	18	1 1/2	3/8	1/2	9	4 1/2	14 5/8	14 1/2																		4.5
4	36	18	1 1/2	3/8	1/2	9	4 1/2	14 5/8	14 1/2																		4.5
5	36	18	1 1/2	3/8	1/2	9	4 1/2	14 5/8	14 1/2																		4.5

STANDARD SIGN
M4-8

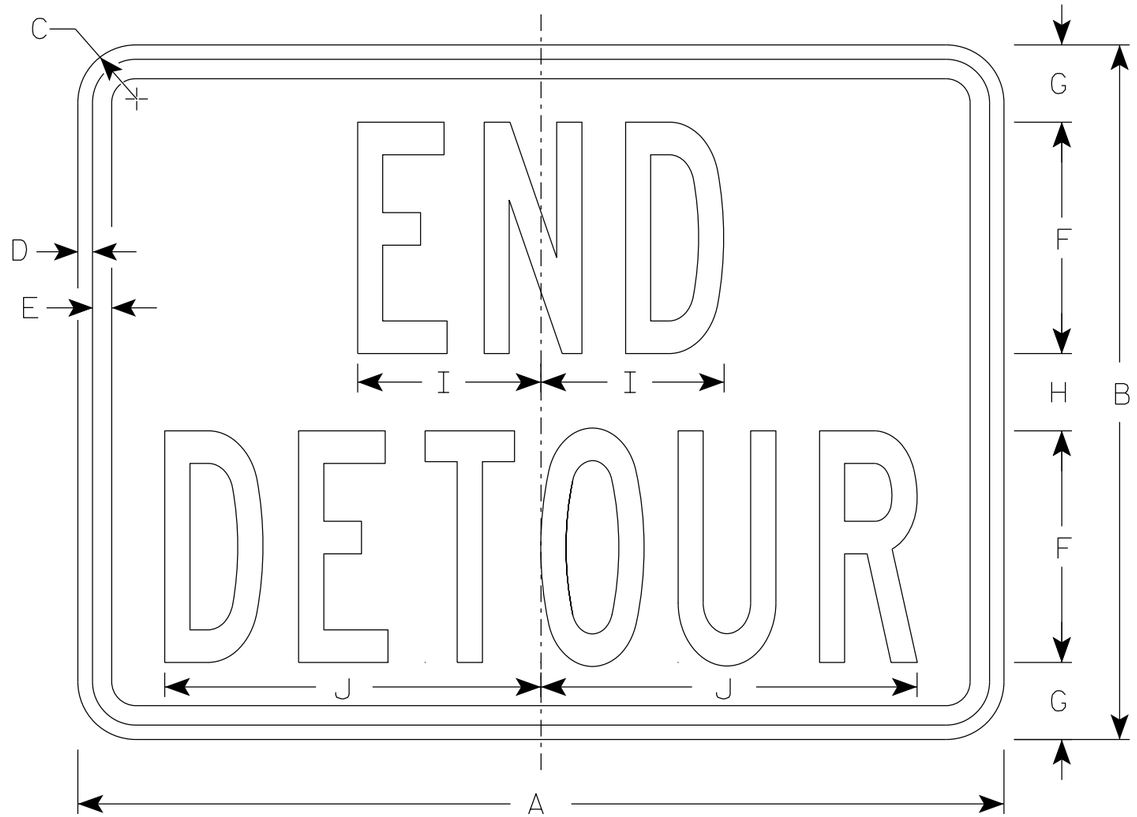
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/9/2023 PLATE NO. M4-8.4

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\M48.dgn PLOT DATE : 9-FEB 2023 7:38 PLOT BY : dotc4c PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42



M4-8A

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - B
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																											
2	24	18	1 ½	⅜	½	6	2	2	4 ¾	9 ¾																	3.0
2M	24	18	1 ½	⅜	½	6	2	2	4 ¾	9 ¾																	3.0
3	30	24	1 ½	⅜	½	8	2 ½	3	6 ¾	13																	5.0
4	30	24	1 ½	⅜	½	8	2 ½	3	6 ¾	13																	5.0
5	30	24	1 ½	⅜	½	8	2 ½	3	6 ¾	13																	5.0

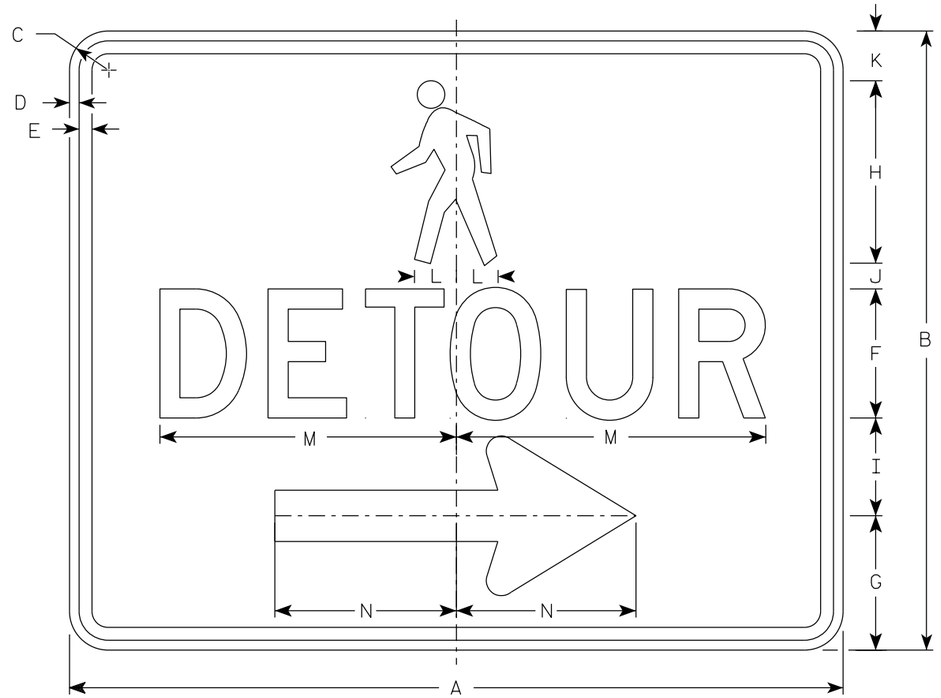
STANDARD SIGN
M4-8A

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/9/2023 PLATE NO. M4-8A.4

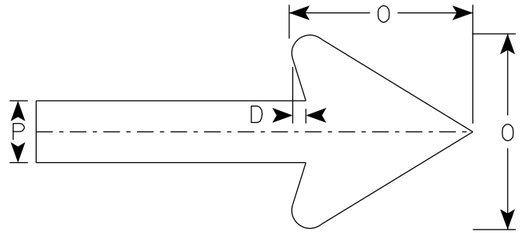
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 486 | E



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																											

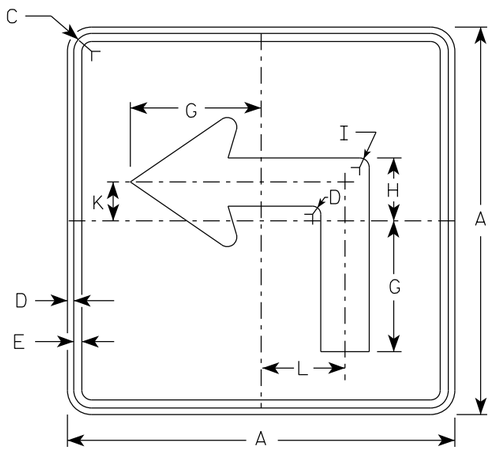
STANDARD SIGN
M4-9B L&R

WISCONSIN DEPT OF TRANSPORTATION

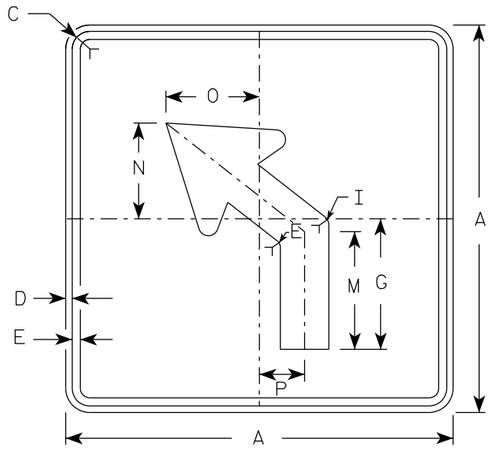
APPROVED Matthew R Rauch
For State Traffic Engineer

DATE 2/9/2023 PLATE NO. M4-9B.4

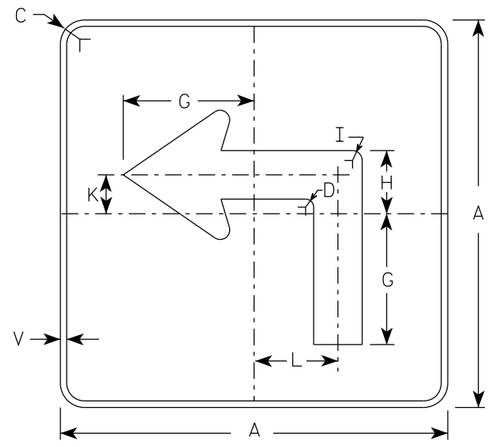
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 487 | E



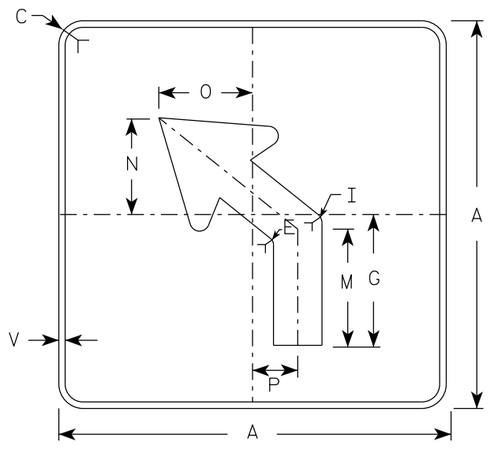
M5-1L
MM5-1L
MO5-1L
MP5-1L



M5-2L
MM5-2L
MO5-2L
MP5-2L



MB5-1L
MK5-1L
MN5-1L
MR5-1L

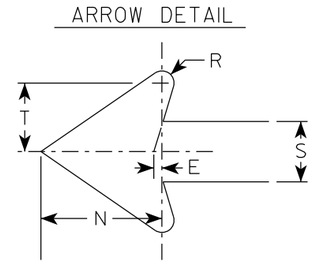


MB5-2L
MK5-2L
MN5-2L
MR5-2L

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

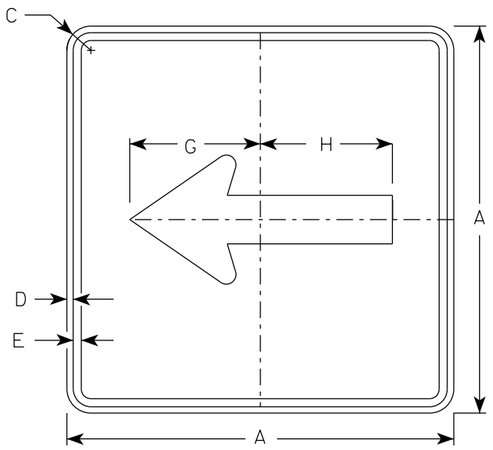
STANDARD SIGN
M5-1 & M5-2

WISCONSIN DEPT OF TRANSPORTATION

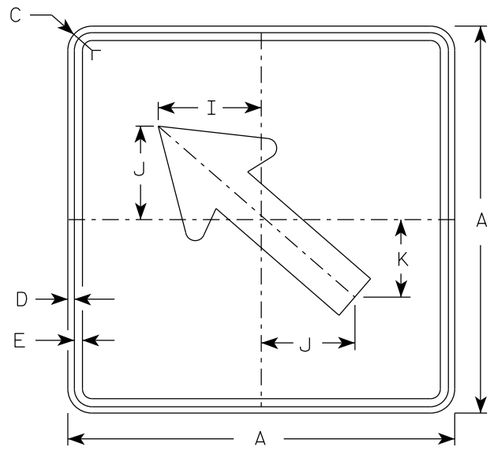
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/13/2023 PLATE NO. M5-1.15

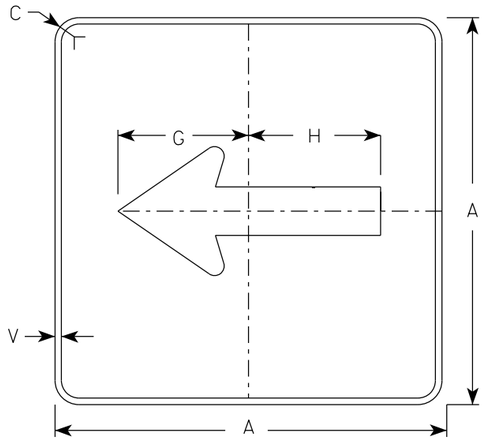
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 488 | E



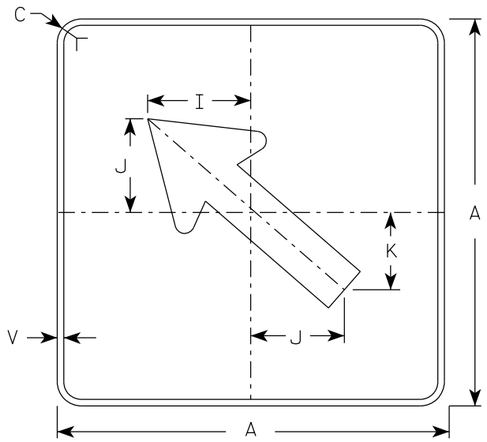
M6-1
MM6-1
MO6-1
MP6-1



M6-2
MM6-2
MO6-2
MP6-2



MB6-1
MK6-1
MN6-1
MR6-1

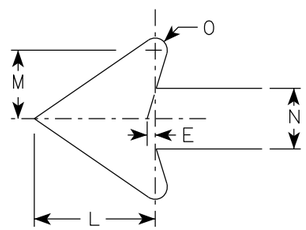


MB6-2
MK6-2
MN6-2
MR6-2

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

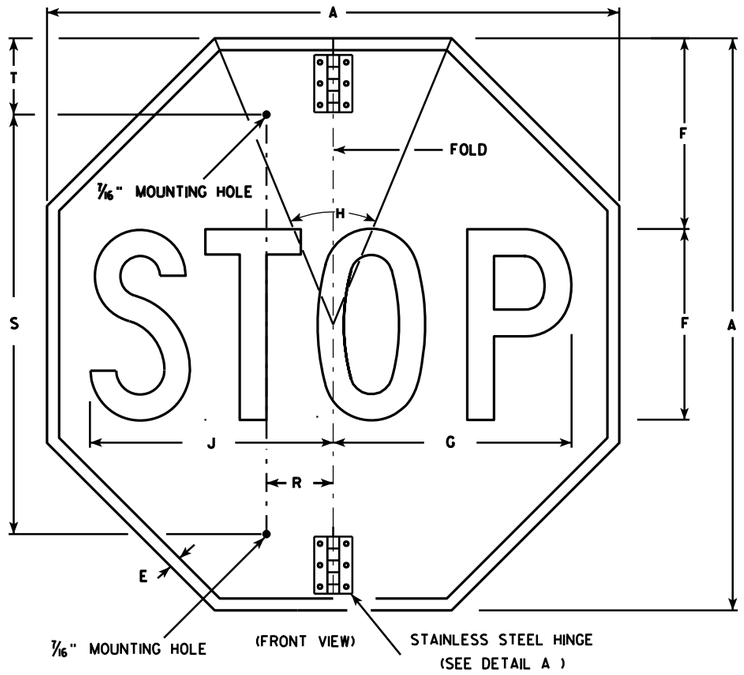
APPROVED Matthew R Rauch
For State Traffic Engineer

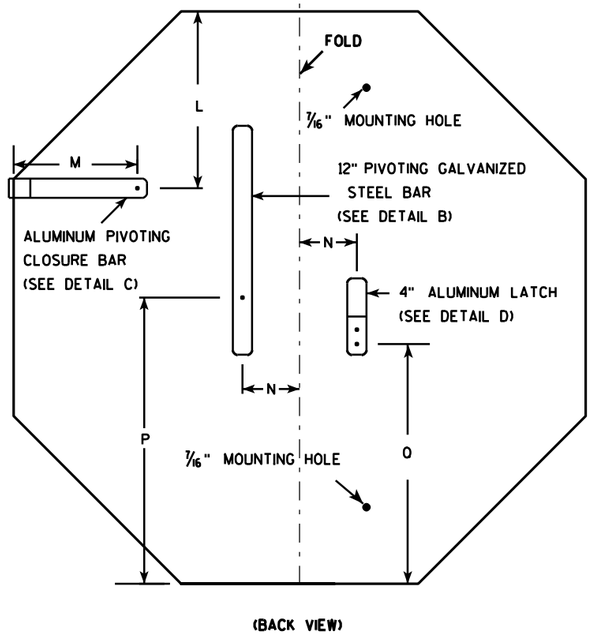
DATE 2/13/2023 PLATE NO. M6-1.16

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 489 | E

7

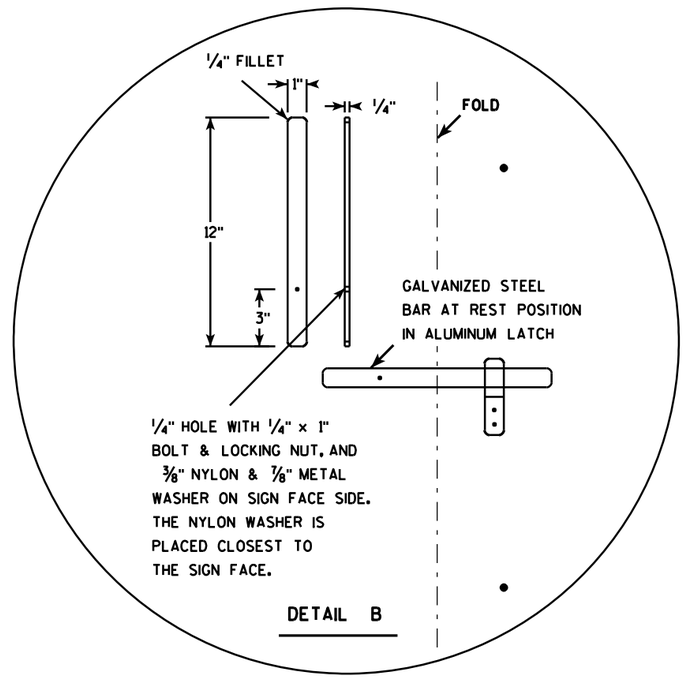
7

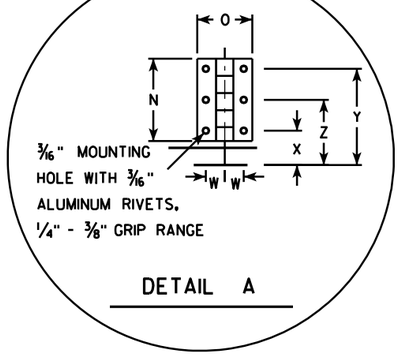


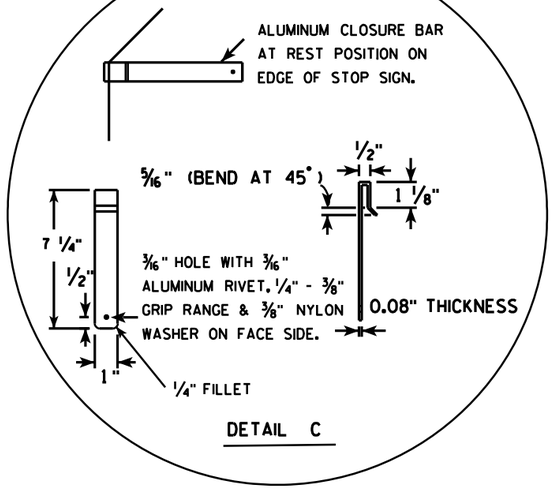


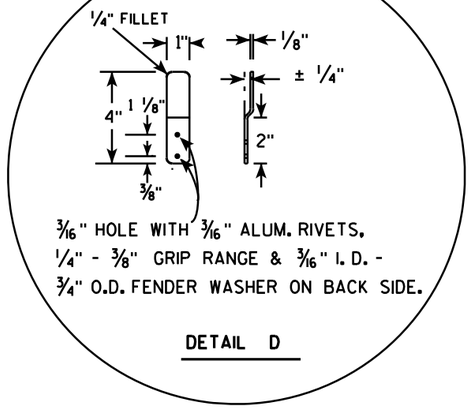
NOTES

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

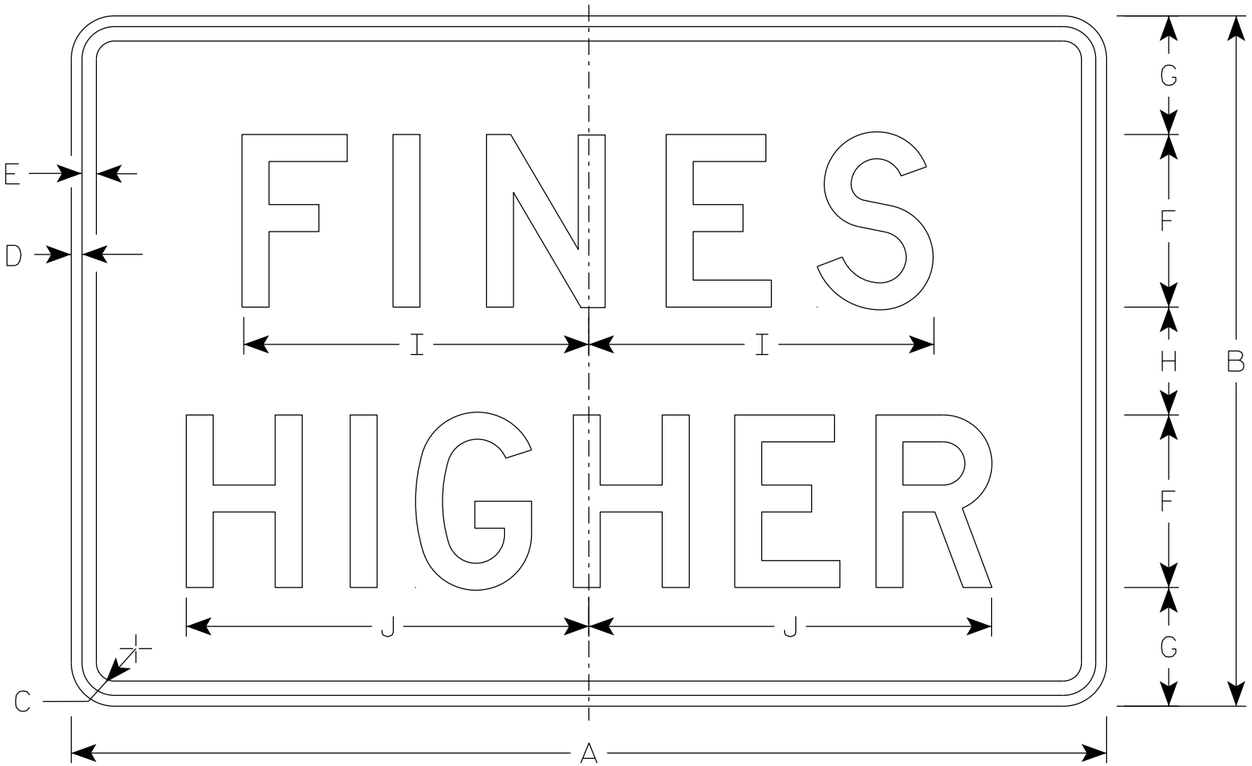
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 12/03/10 PLATE NO. R1-1F.3

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 490 | E

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - D



R2-6P

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	18	1 1/2	3/8	3/8	4	3 1/2	3	7 5/8	9 1/4																	3.0
2M	24	18	1 1/2	3/8	3/8	4	3 1/2	3	7 5/8	9 1/4																	3.0
3	36	24	1 1/2	3/8	1/2	6	4 1/8	3 3/4	12	14																	6.0
4	36	24	1 1/2	3/8	1/2	6	4 1/8	3 3/4	12	14																	6.0
5	48	36	1 7/8	1/2	5/8	8	7	6	15 1/8	19																	12.0

STANDARD SIGN
R2-6P

WISCONSIN DEPT OF TRANSPORTATION

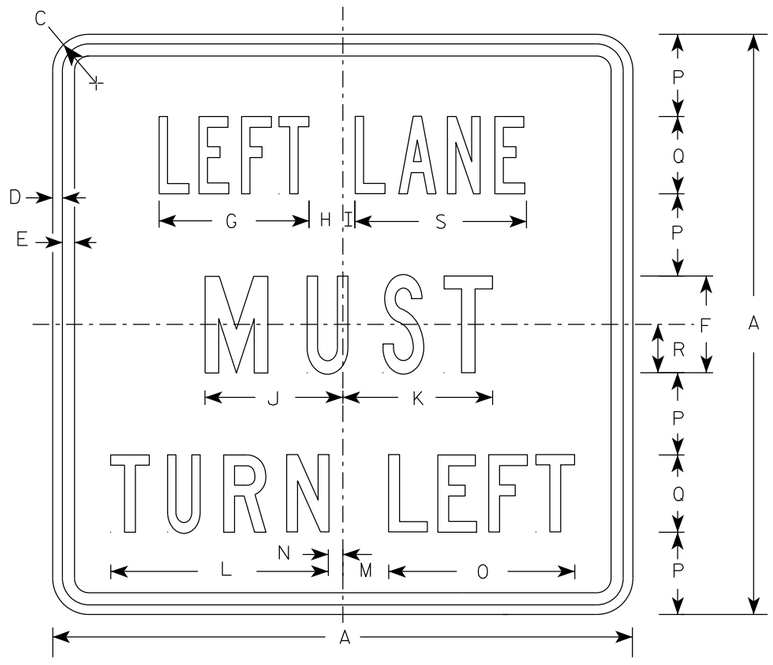
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/1/23 PLATE NO. R2-6P.3

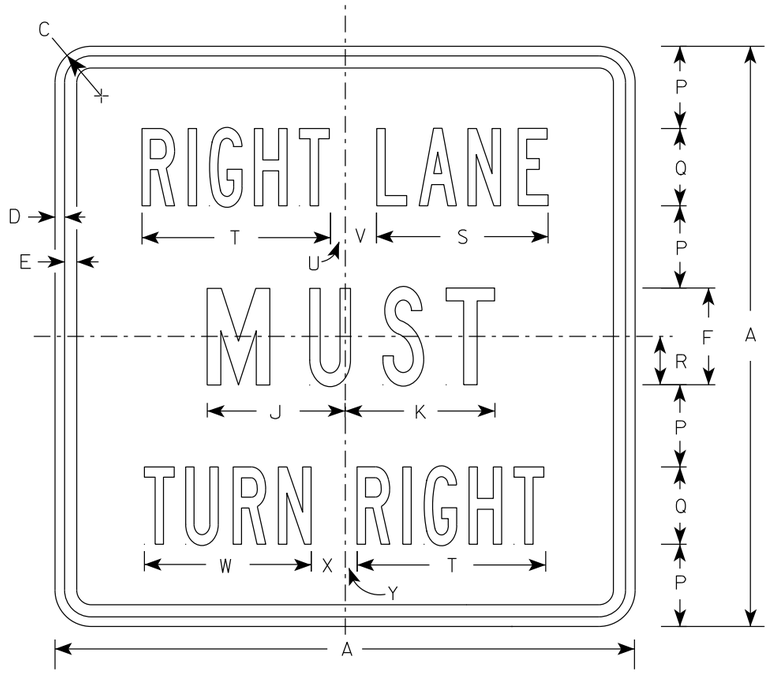
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 491	E

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																											

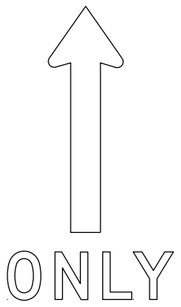
STANDARD SIGN
R3-7L & R3-7R

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

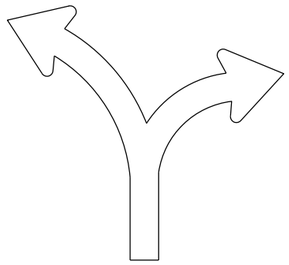
DATE 2/13/23 PLATE NO. R3-7.4

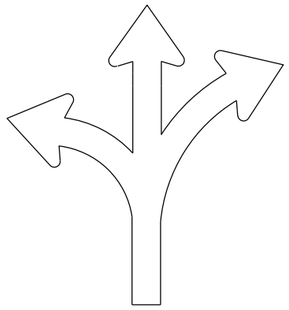
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 492 | E

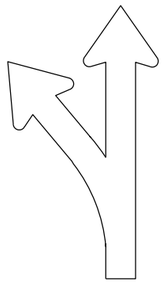


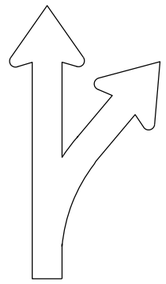
(A)

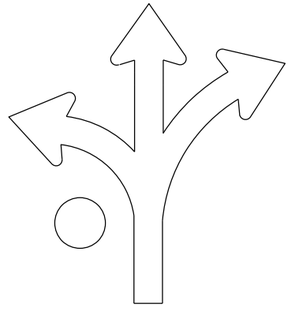
(B)

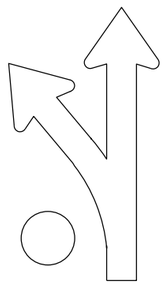

(C)

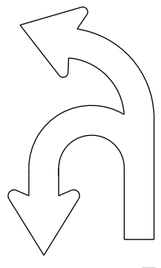

(D)

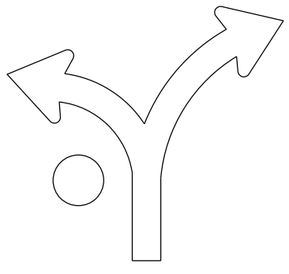

(E)

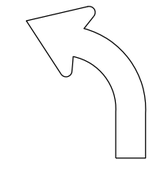

(F)


(G)

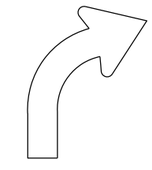

(H)


(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

7

7

PROJECT NO:

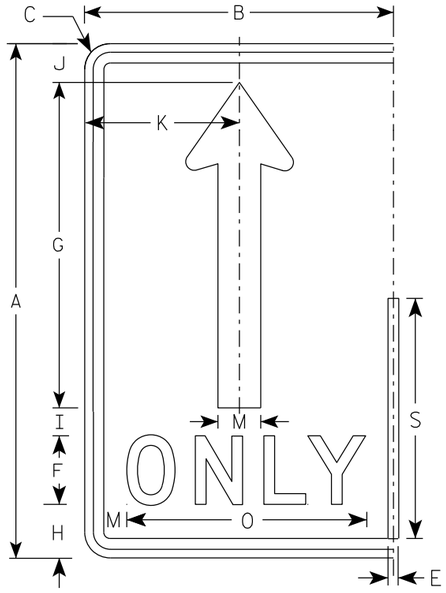
SHEET NO: 493 E

FILE NAME : C:\CAEfiles\Projects\stdplate_R38.dgn PLOT DATE : 14-FEB 2023 3:01 PLOT BY : mscj9h PLOT NAME :

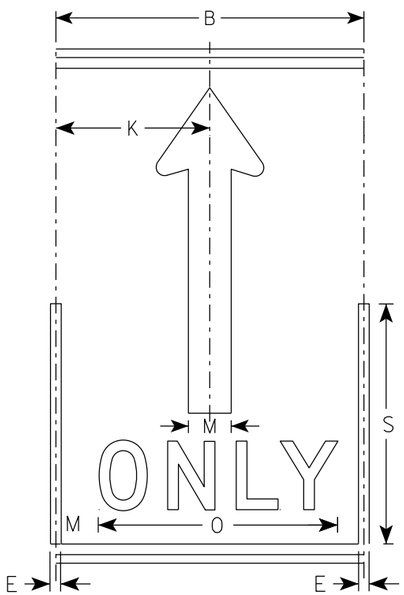
WISDOT/CADDS SHEET 42

NOTES

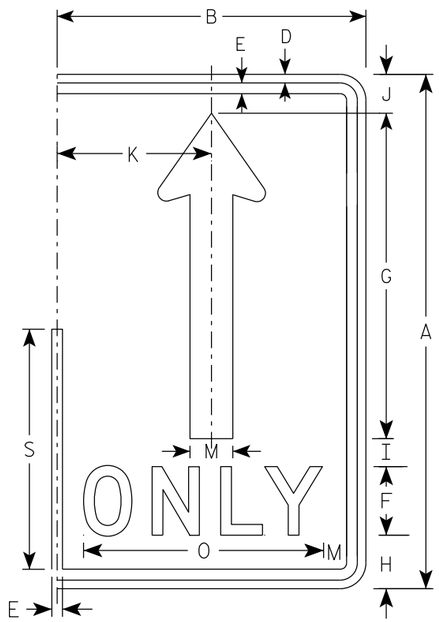
1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - D



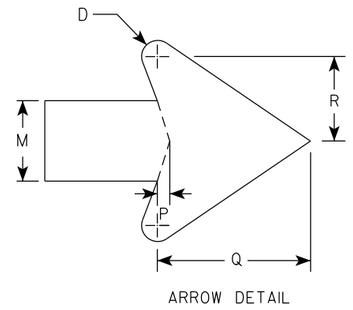
(A)



(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

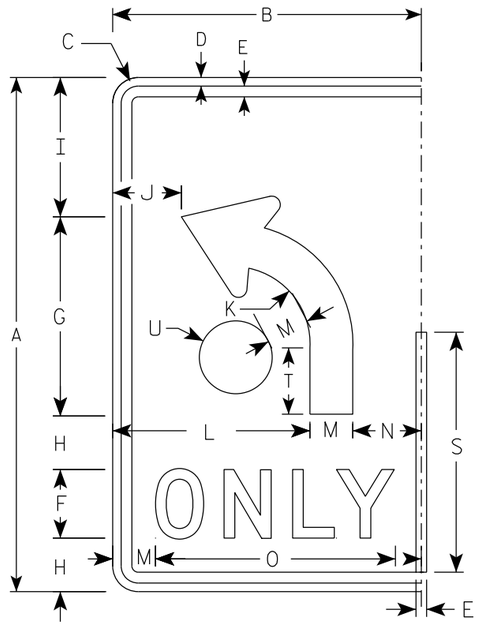
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/14/23 PLATE NO. R3-8.2

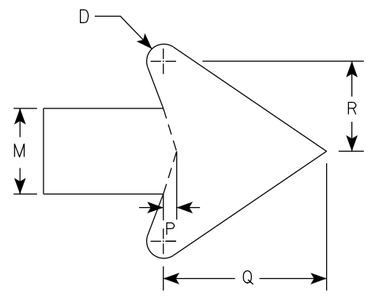
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 494 | E

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

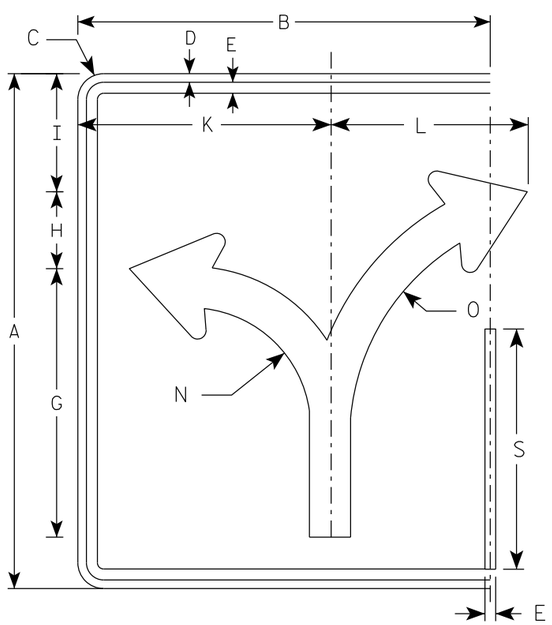
DATE 2/14/23 PLATE NO. R3-8.2

PROJECT NO:

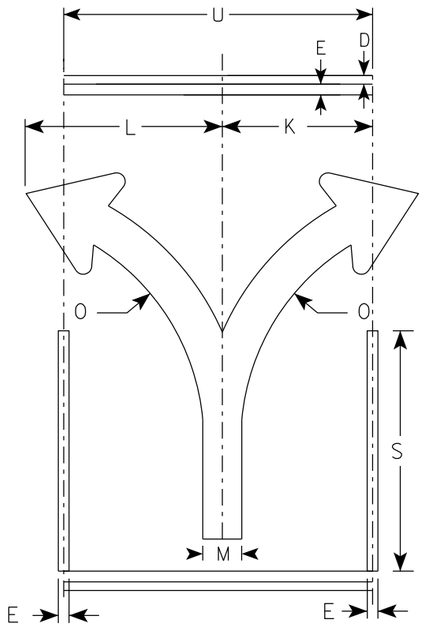
SHEET NO: 495 E

NOTES

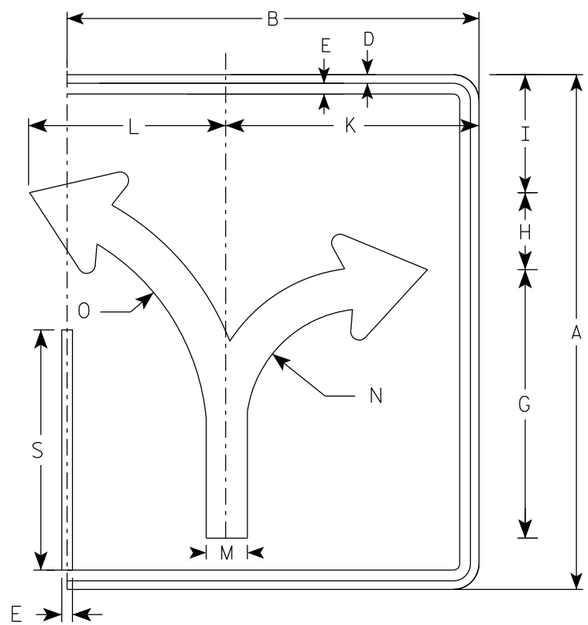
1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - None



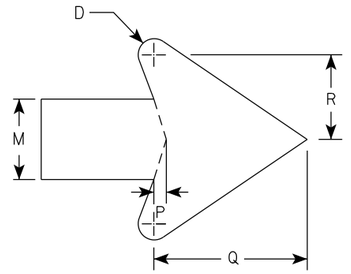
(C)



(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

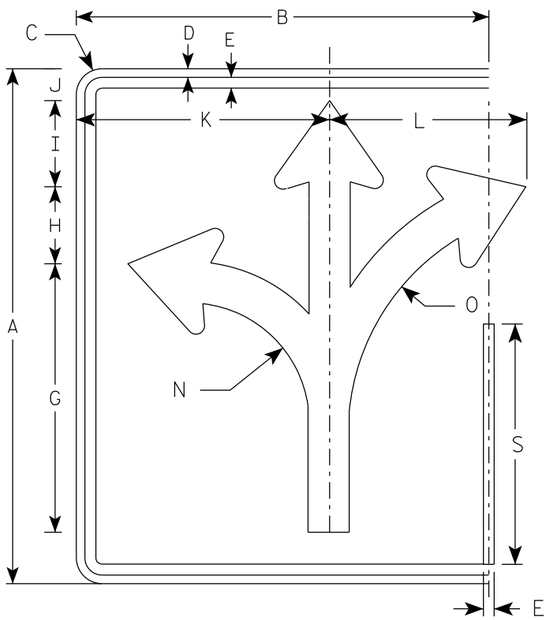
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 496 | E

7

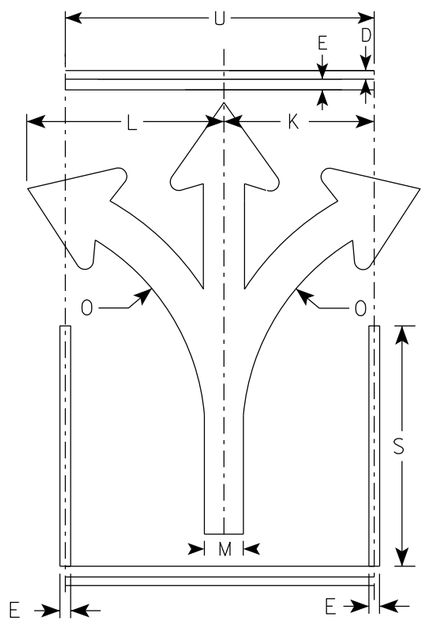
7

NOTES

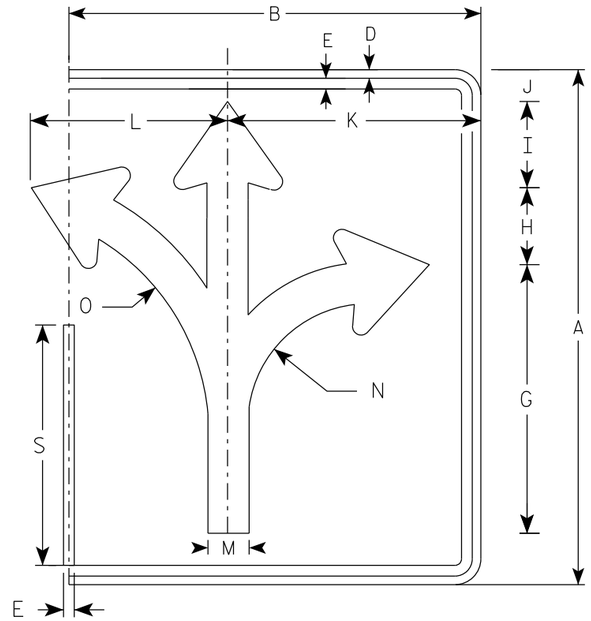
1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - None



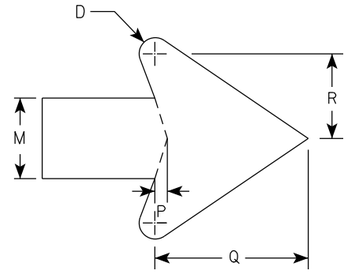
(D)



(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

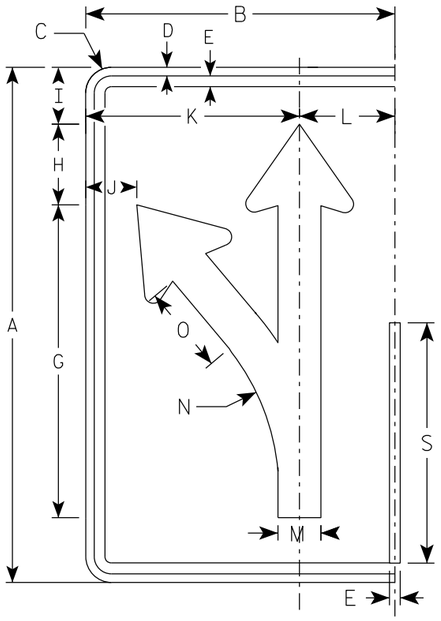
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/14/23 PLATE NO. R3-8.2

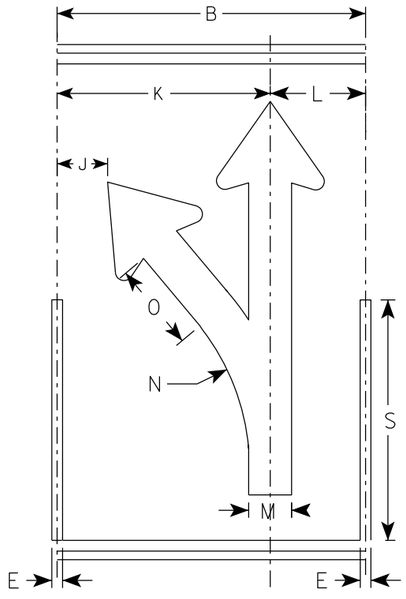
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 497 | E

NOTES

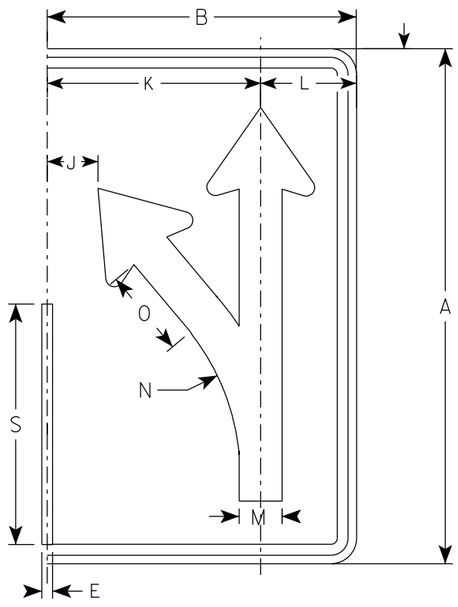
1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - None



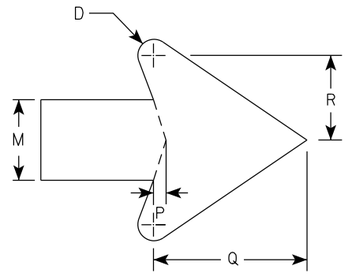
(E)



(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

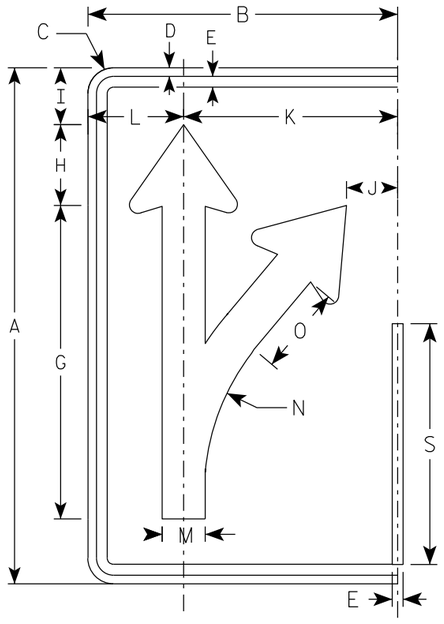
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/14/23 PLATE NO. R3-8.2

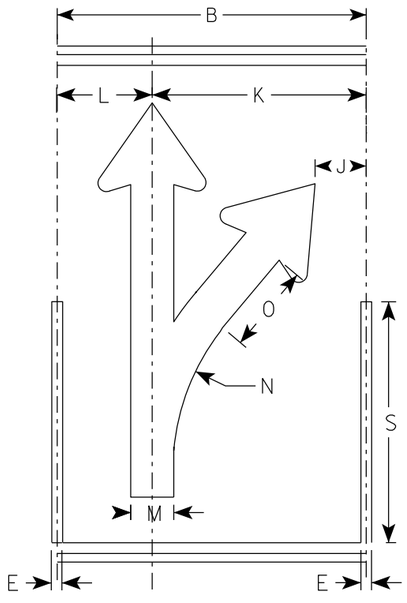
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 498 | E

NOTES

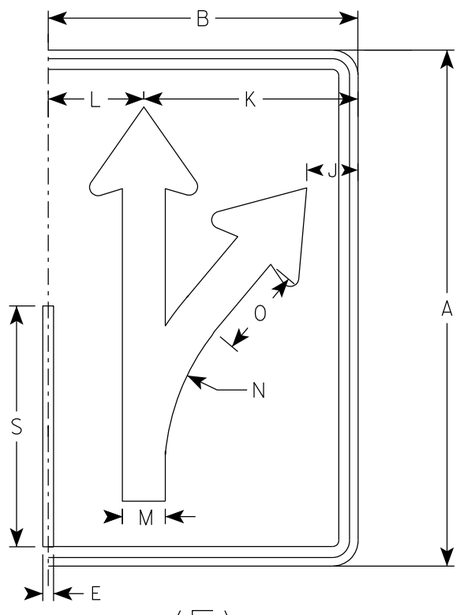
1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - None



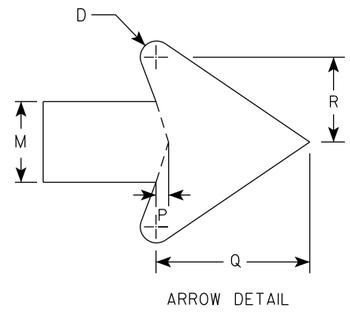
(F)



(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

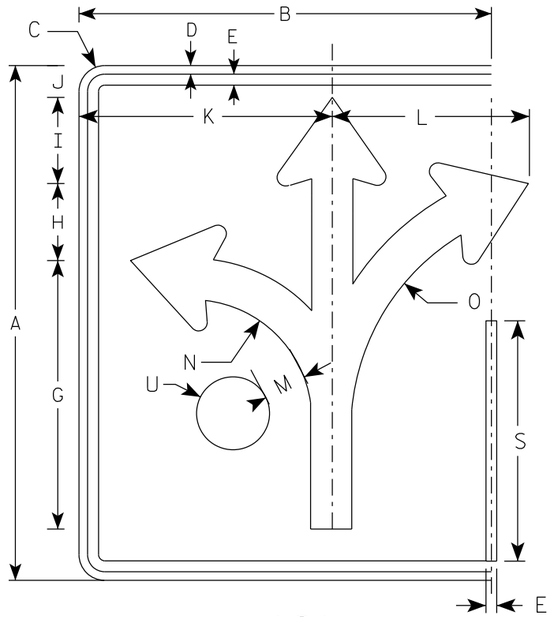
APPROVED Matthew R Rauch
For State Traffic Engineer

DATE 2/14/23 PLATE NO. R3-8.2

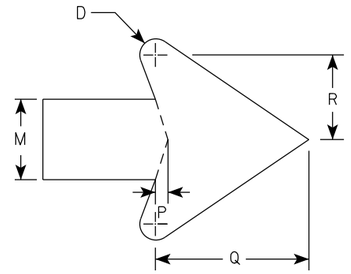
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 499 | E

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

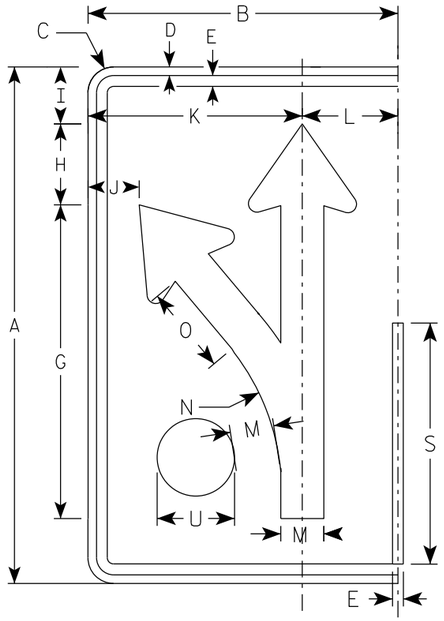
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/14/23 PLATE NO. R3-8.2

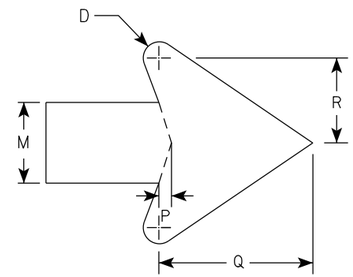
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 500	E

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

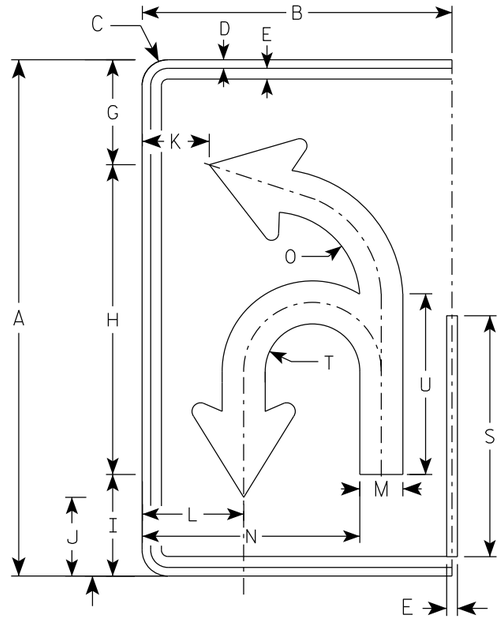
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/14/23 PLATE NO. R3-8.2

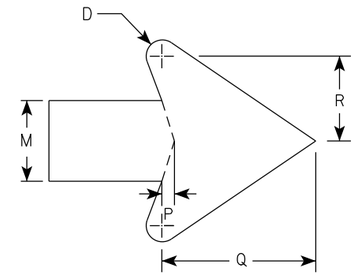
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 501 | E

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

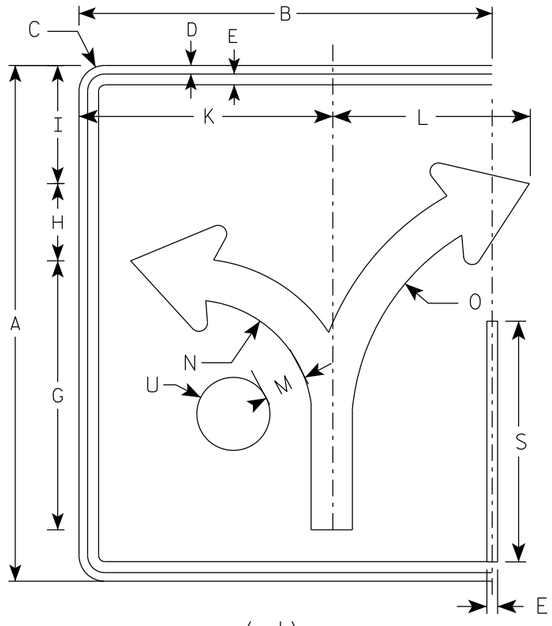
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/14/23 PLATE NO. R3-8.2

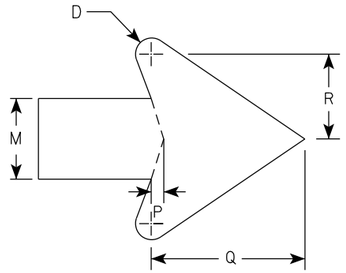
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 502 | E

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

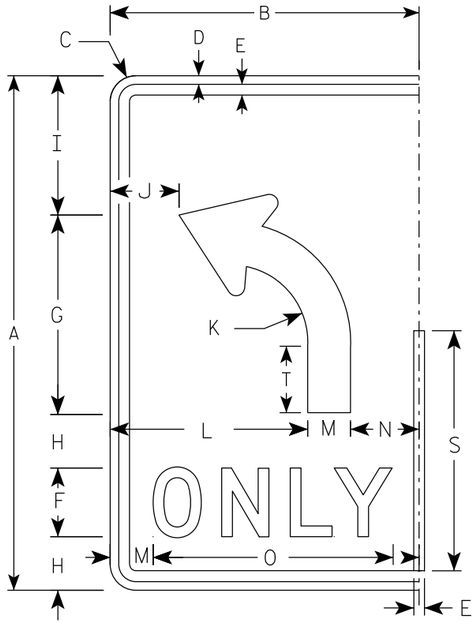
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/14/23 PLATE NO. R3-8.2

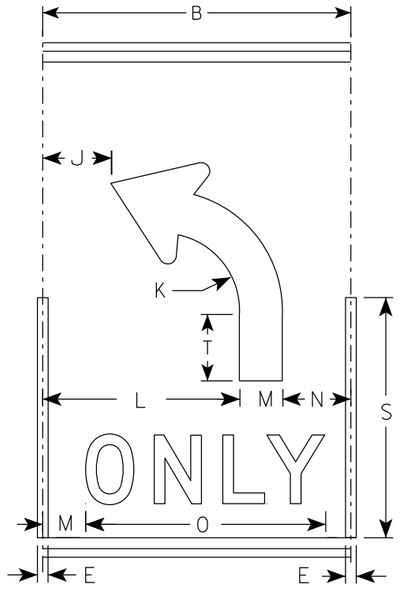
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 503 | E

NOTES

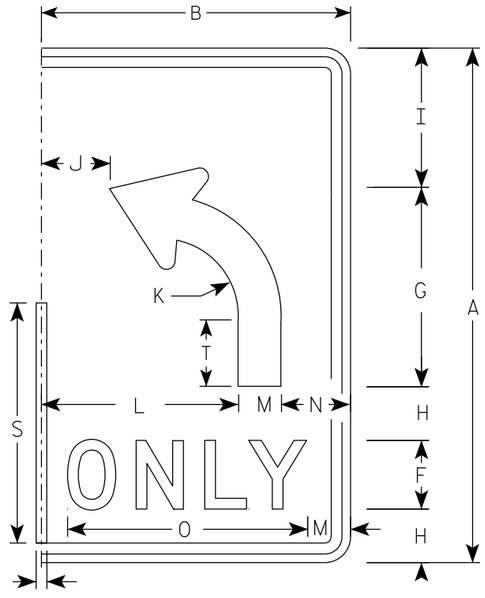
1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - D



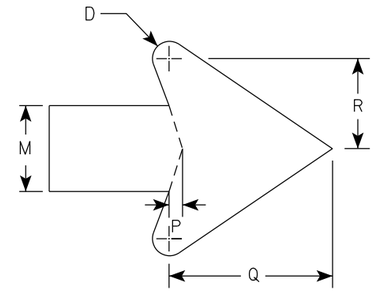
(L)



(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 ½	½	⅝	4	11 ⅝	3 ⅛	8 ⅛	4	4 ½	11 ½	2 ½	4	14	⅜	4 ¾	2 ⅝	14	3 ⅞							3.75
2M	30	18	1 ½	½	⅝	4	11 ⅝	3 ⅛	8 ⅛	4	4 ½	11 ½	2 ½	4	14	⅜	4 ¾	2 ⅝	14	3 ⅞							3.75
3	36	24	1 ½	½	⅝	5	14	3 ½	9 ¾	6	5 ⅜	15	3	6	17 ⅝	½	5 ¾	3 ⅛	16 ¾	4 ⅝							6.0
4	48	30	2 ¼	¾	1	6	18 ⅝	5 ⅛	13 ⅛	6 ⅛	7 ¼	18	4	8	21 ¾	⅝	7 ⅝	4 ¼	22 ⅜	6 ¼							10.0
5	48	30	2 ¼	¾	1	6	18 ⅝	5 ⅛	13 ⅛	6 ⅛	7 ¼	18	4	8	21 ¾	⅝	7 ⅝	4 ¼	22 ⅜	6 ¼							10.0

STANDARD SIGN

R3-8 (L) Arrow

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

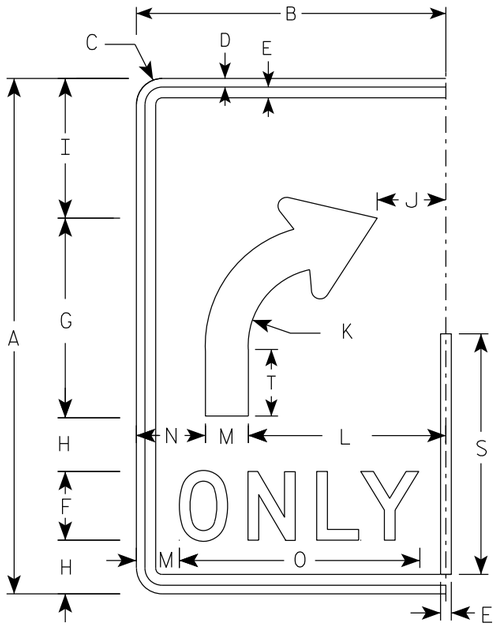
DATE 2/14/23 PLATE NO. R3-8.2

PROJECT NO:

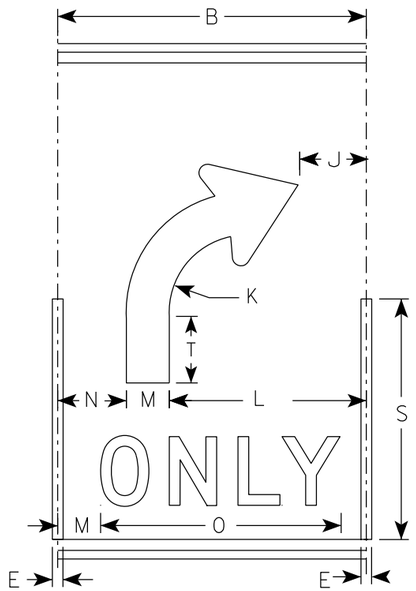
SHEET NO: 504 E

NOTES

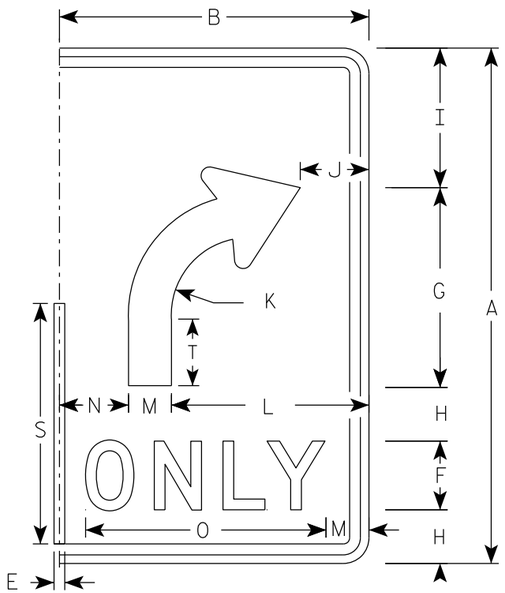
1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - D



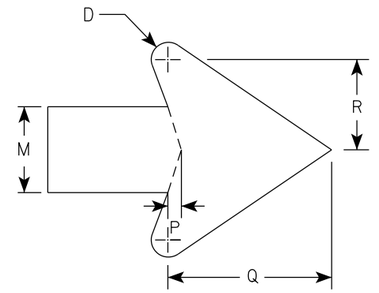
(R)



(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

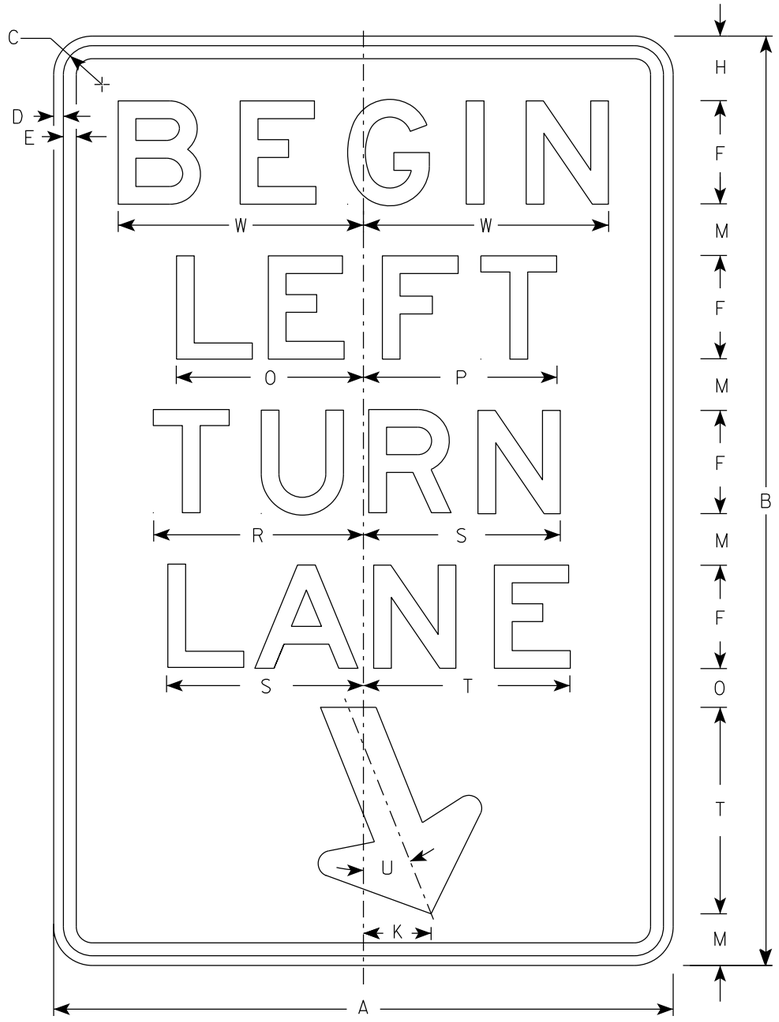
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/14/23 PLATE NO. R3-8.2

PROJECT NO:

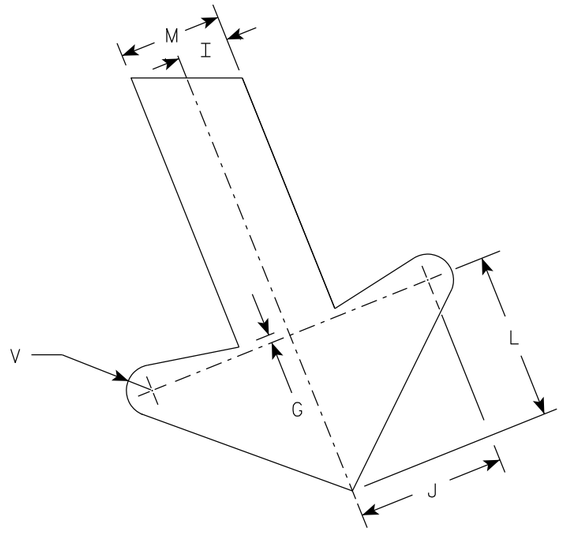
SHEET NO: 505 E



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																											

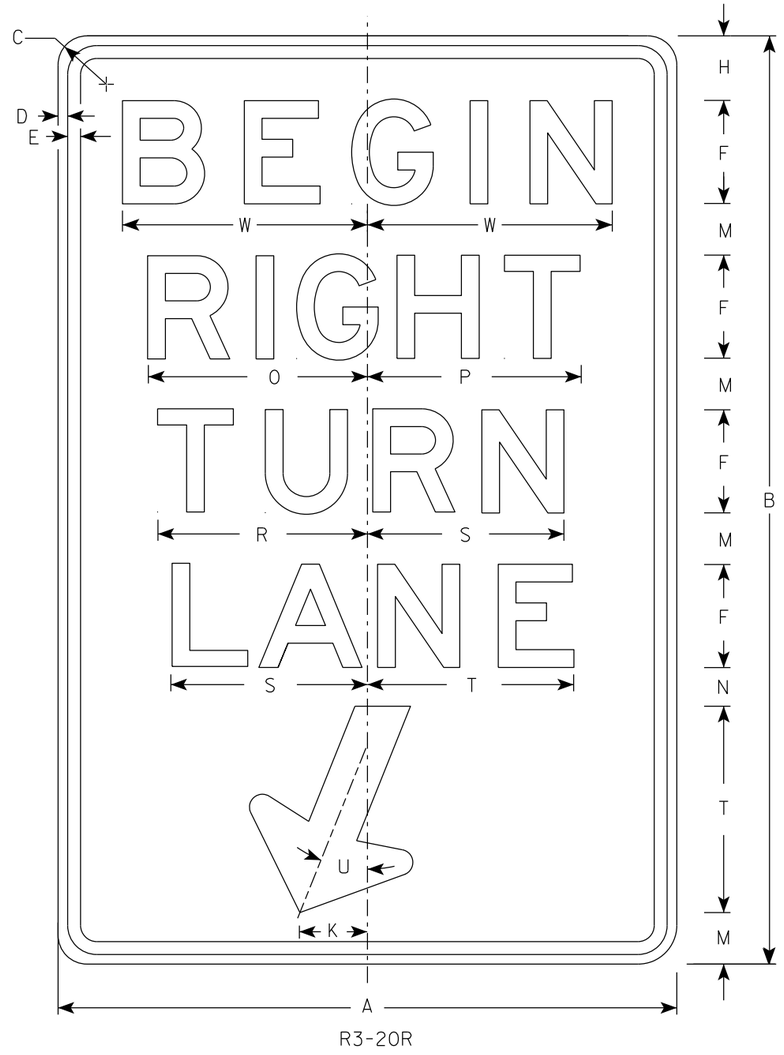
STANDARD SIGN
R3-20L

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/23/23 PLATE NO. R3-20L.8

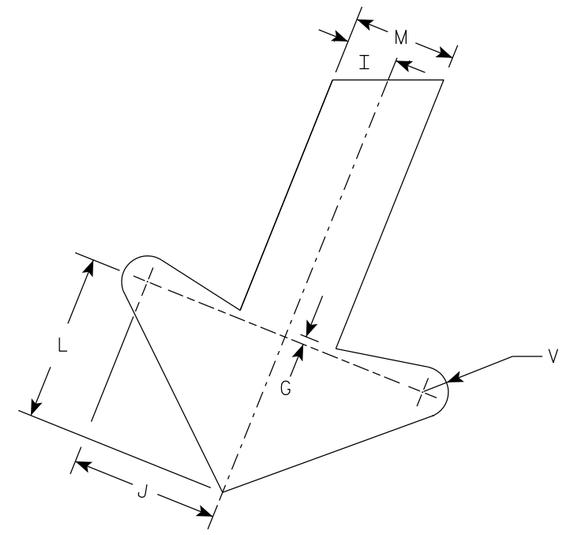
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 506 | E



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

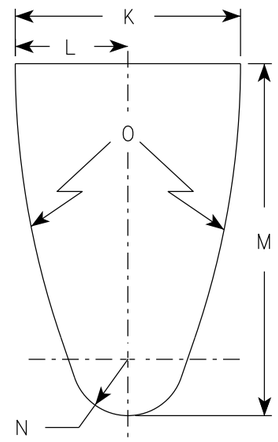
DATE 2/23/23 PLATE NO. R3-20R.7

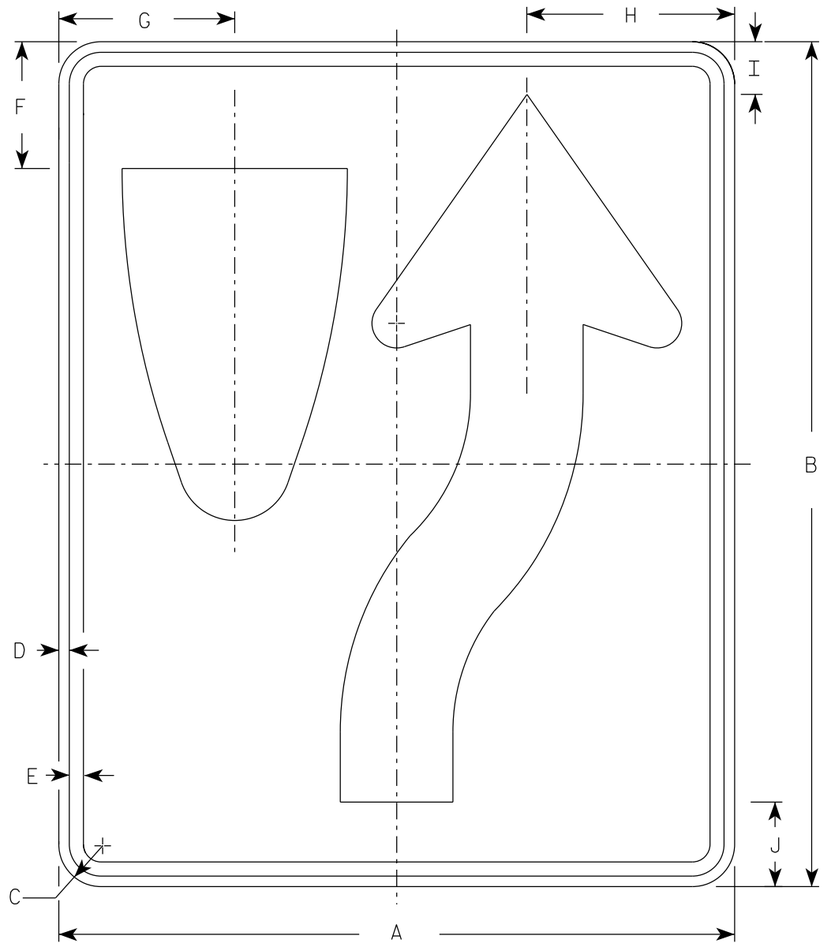
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 507 | E

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.

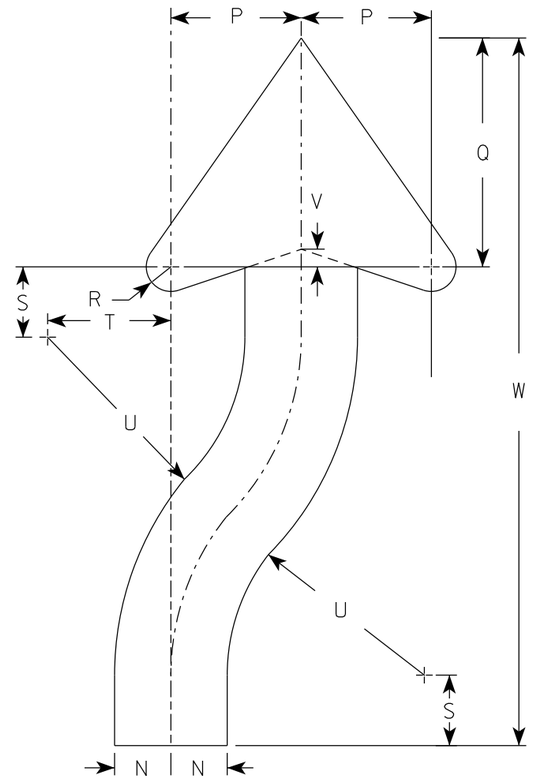
DIVIDER DETAIL





R4-7

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

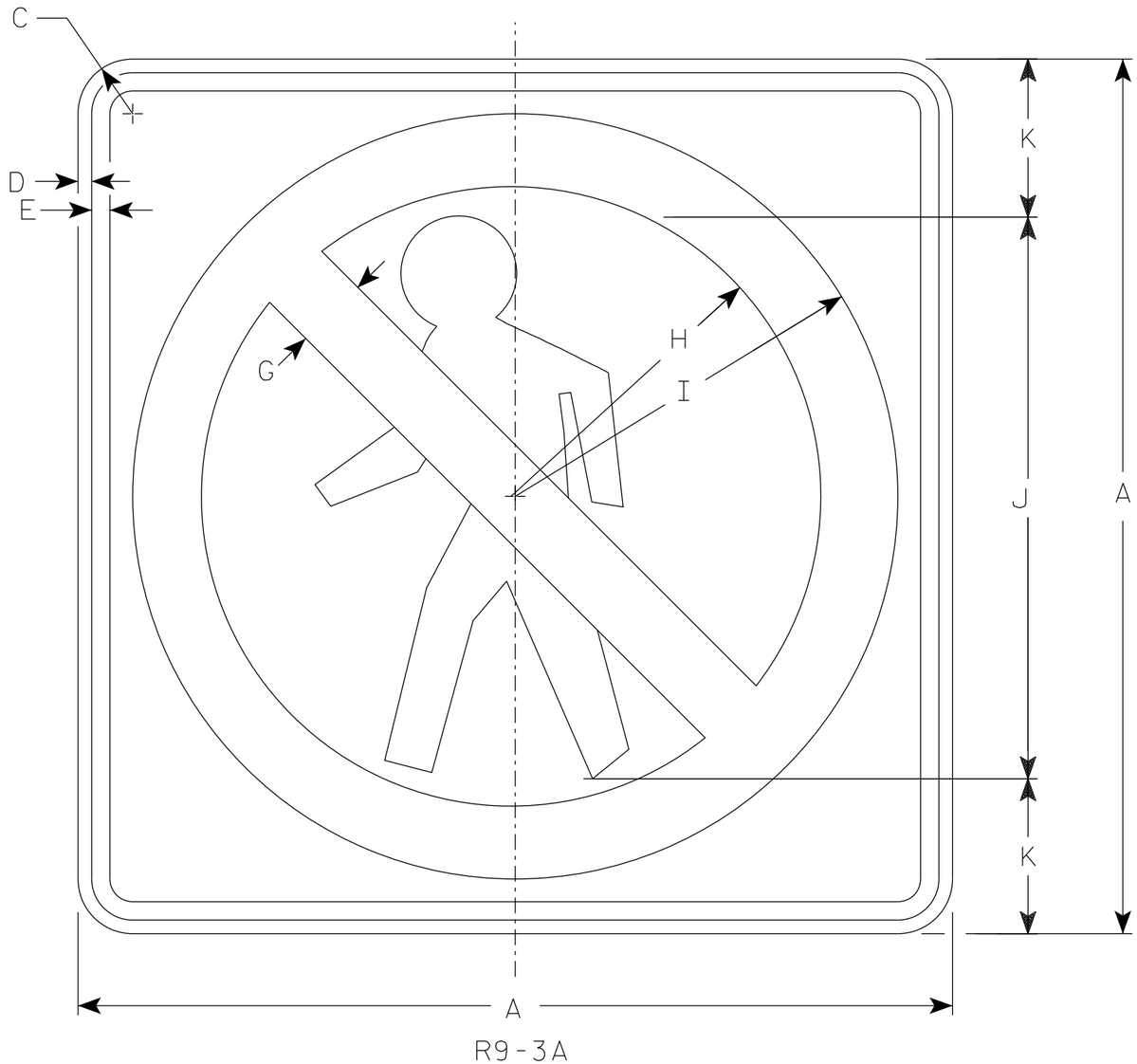
STANDARD SIGN
R4-7 & R4-8

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: 508	E



R9-3A

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - See note 3
3. Border & Pedestrian are non-reflective black. Circle with diagonal bar is reflective 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	18		1 1/2	3/8	3/8		1 1/2	6 1/4	7 7/8	12	3																2.25
2S	24		1 1/2	3/8	1/2		2	8 1/2	10 1/2	15	4																4.00
2M	24		1 1/2	3/8	1/2		2	8 1/2	10 1/2	15	4																4.00
3																											
4																											
5																											

STANDARD SIGN
R9-3A

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

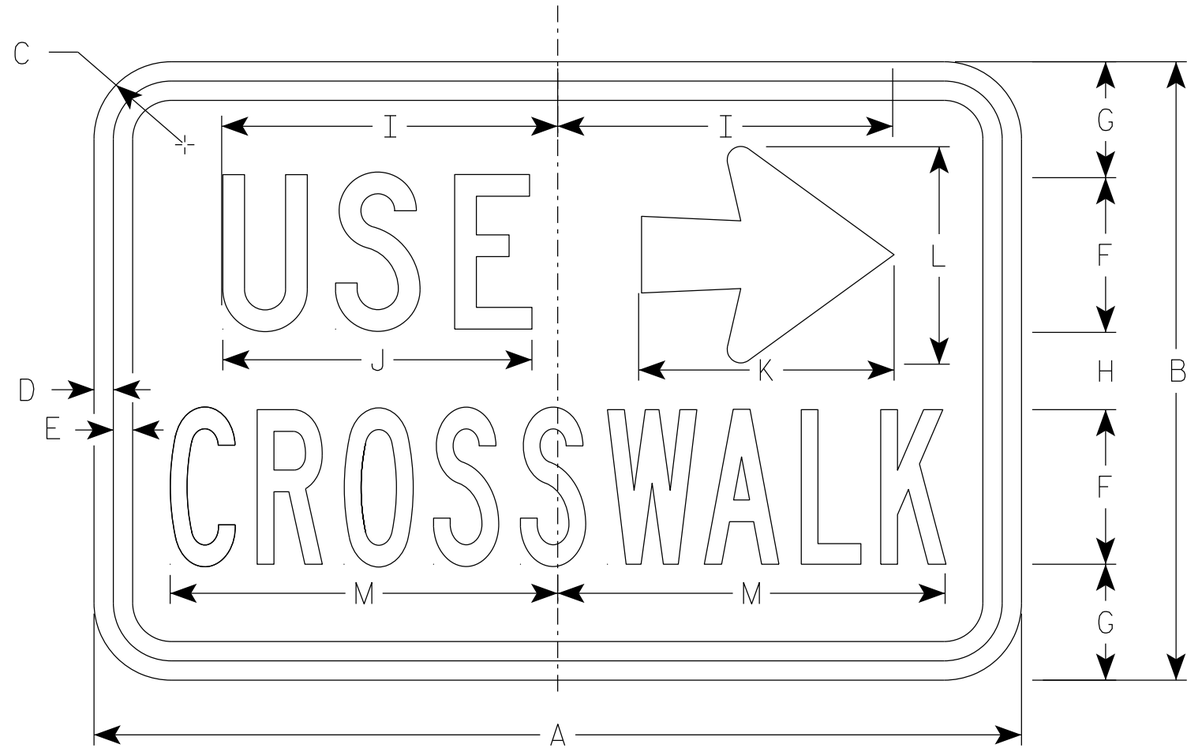
DATE 1/23/24 PLATE NO. R9-3A.4

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 509 E

7

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - C Line 1, Series B Line 2



R9-3B

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	18	12	1 1/2	3/8	3/8	3	2 1/4	1 1/2	6 1/2	6	5	4 1/4	7 1/2														1.5
2M	18	12	1 1/2	3/8	3/8	3	2 1/4	1 1/2	6 1/2	6	5	4 1/4	7 1/2														1.5
3																											
4																											
5																											

STANDARD SIGN
R9-3B

WISCONSIN DEPT OF TRANSPORTATION

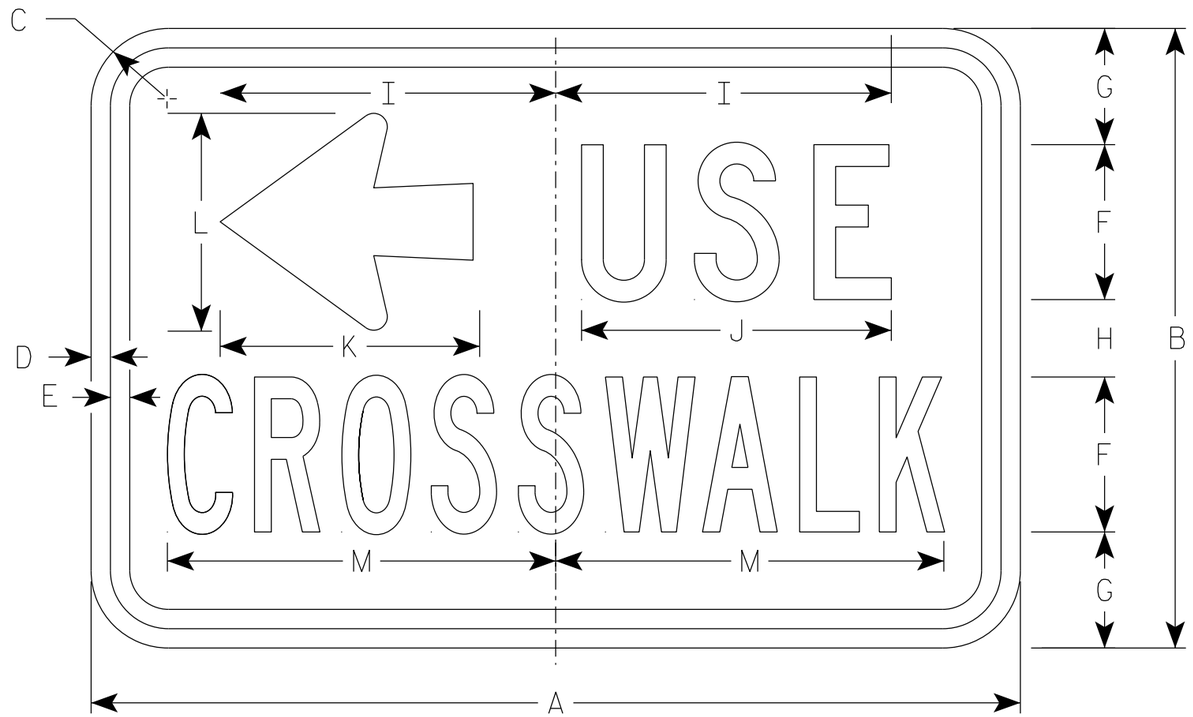
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/23/24 PLATE NO. R9-3B.3

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 510 | E

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - C Line 1, Series B Line 2



R9-3BL

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	18	12	1 ½	⅜	⅜	3	2 ¼	1 ½	6 ½	6	5	4 ¼	7 ½														1.5
2M	18	12	1 ½	⅜	⅜	3	2 ¼	1 ½	6 ½	6	5	4 ¼	7 ½														1.5
3																											
4																											
5																											

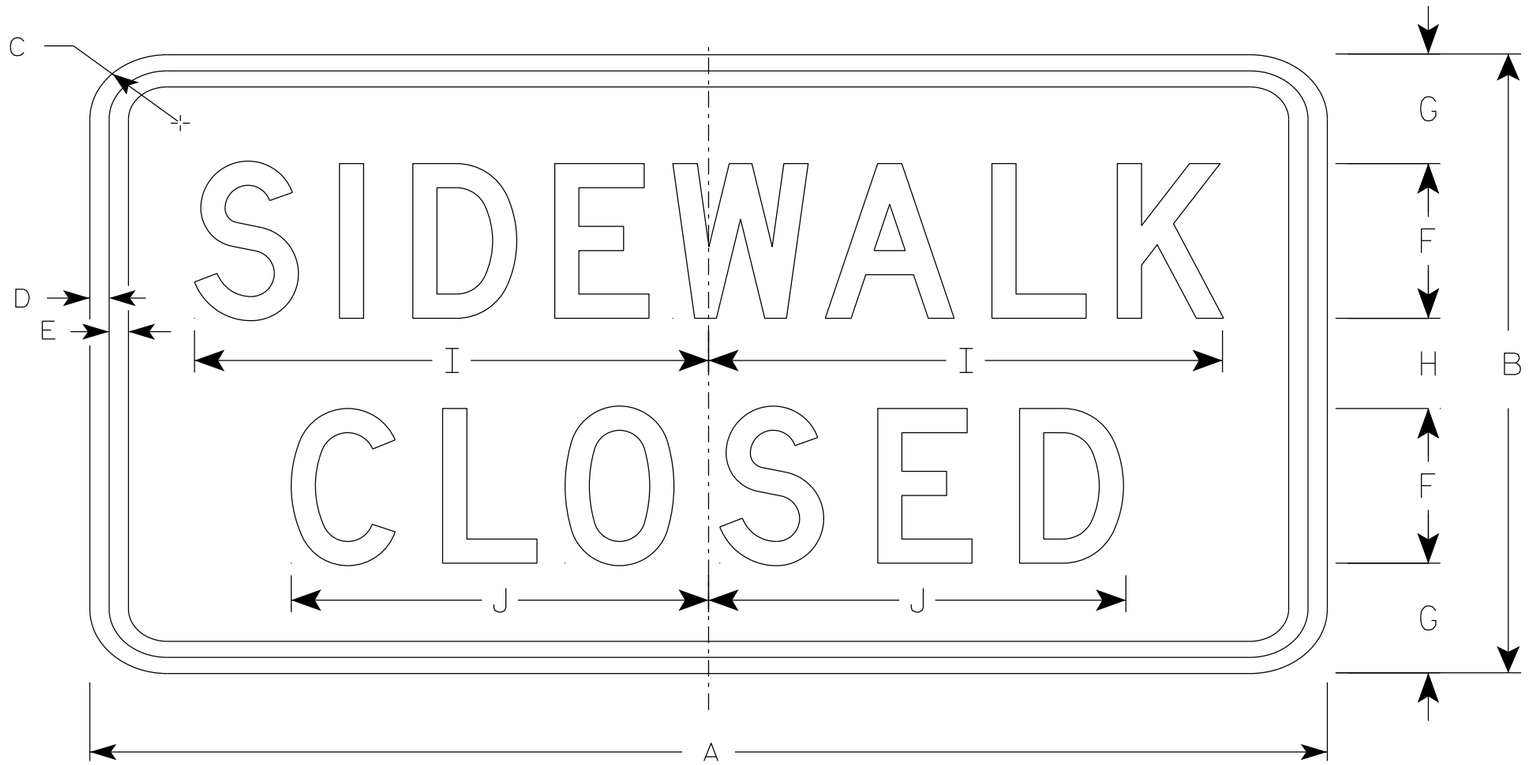
STANDARD SIGN
R9-3BL

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/23/24 PLATE NO. R9-3BL.2

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 511	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

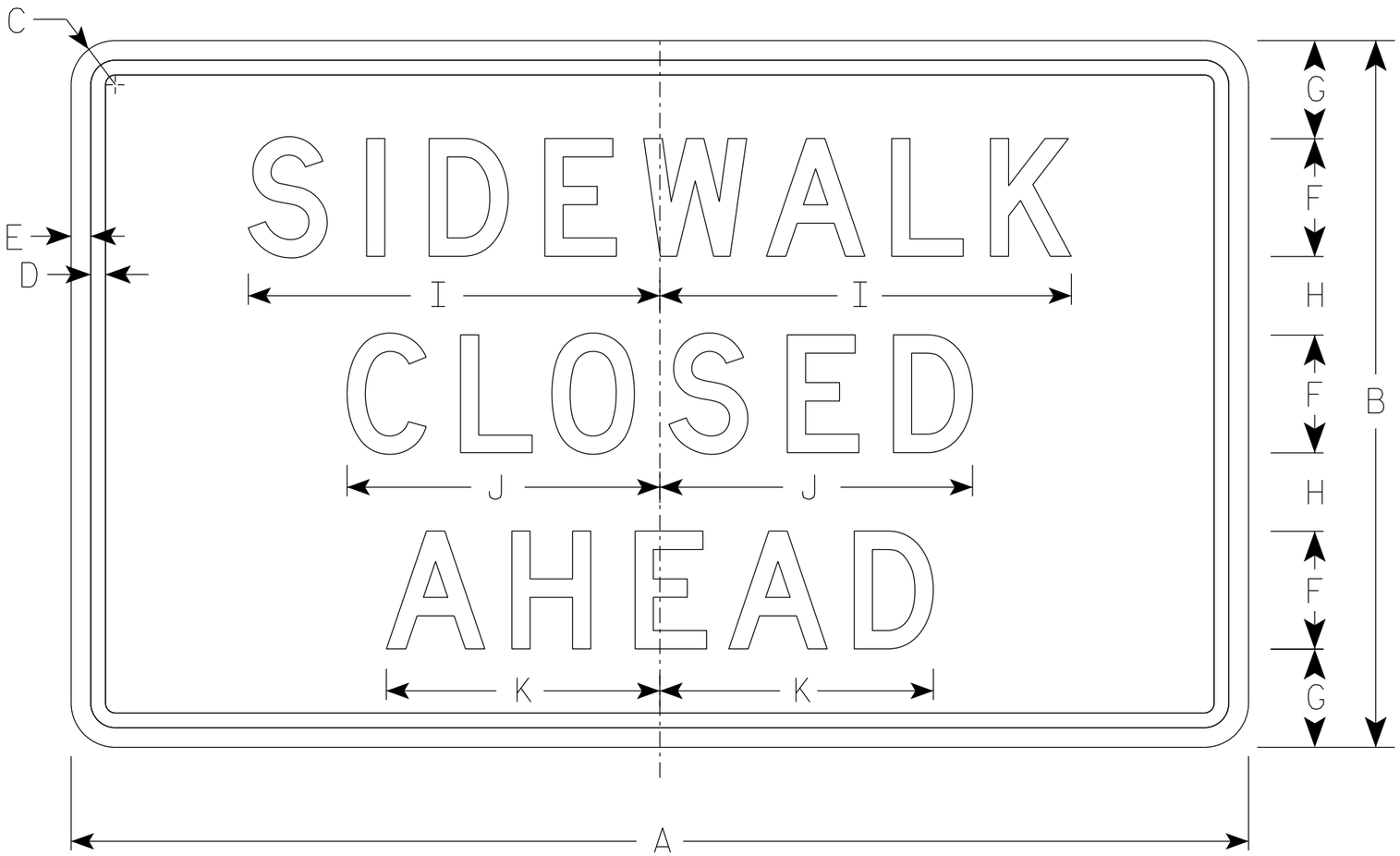
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/24/24 PLATE NO. R9-9.7

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 512 | 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

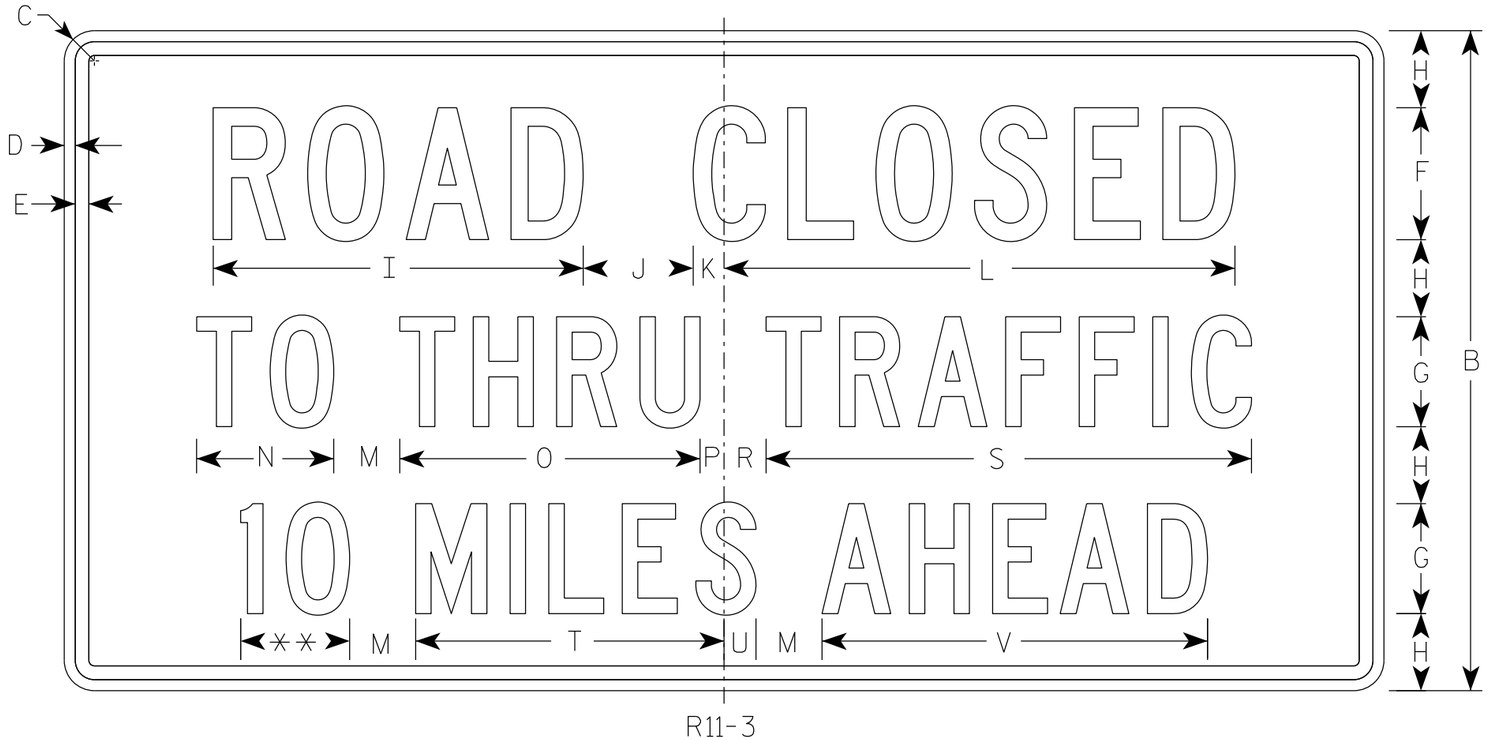
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/24/24 PLATE NO. R9-9A.2

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 513 | E

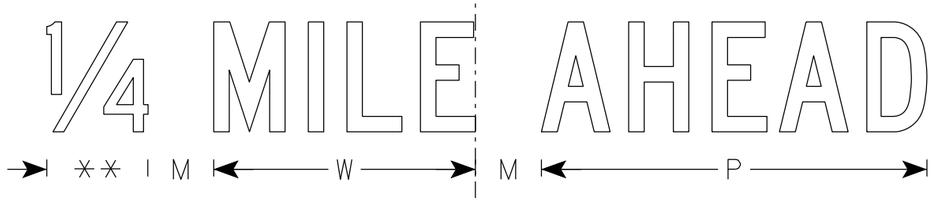
NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   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. Substitute appropriate numerals to nearest quarter mile and optically adjust spacing to achieve proper balance.



R11-3

** See Note 5



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	3/8	4	3	2	11 1/4	3	1 1/8	15 3/8	2	3 3/4	8 1/4	5/8		1 3/8	13 1/4	8 3/8	7/8	10 1/2	7 1/8				4.5
2S	60	30	1 7/8	1/2	5/8	6	5	3 1/2	16 7/8	5	1 3/8	23 1/4	3	6 1/4	13 5/8	1 1/8		1 7/8	22 1/8	14	1 1/2	17 1/2	11 7/8				12.5
2M	60	30	1 7/8	1/2	5/8	6	5	3 1/2	16 7/8	5	1 3/8	23 1/4	3	6 1/4	13 5/8	1 1/8		1 7/8	22 1/8	14	1 1/2	17 1/2	11 7/8				12.5
3																											
4																											
5																											

STANDARD SIGN
R11-3

WISCONSIN DEPT OF TRANSPORTATION

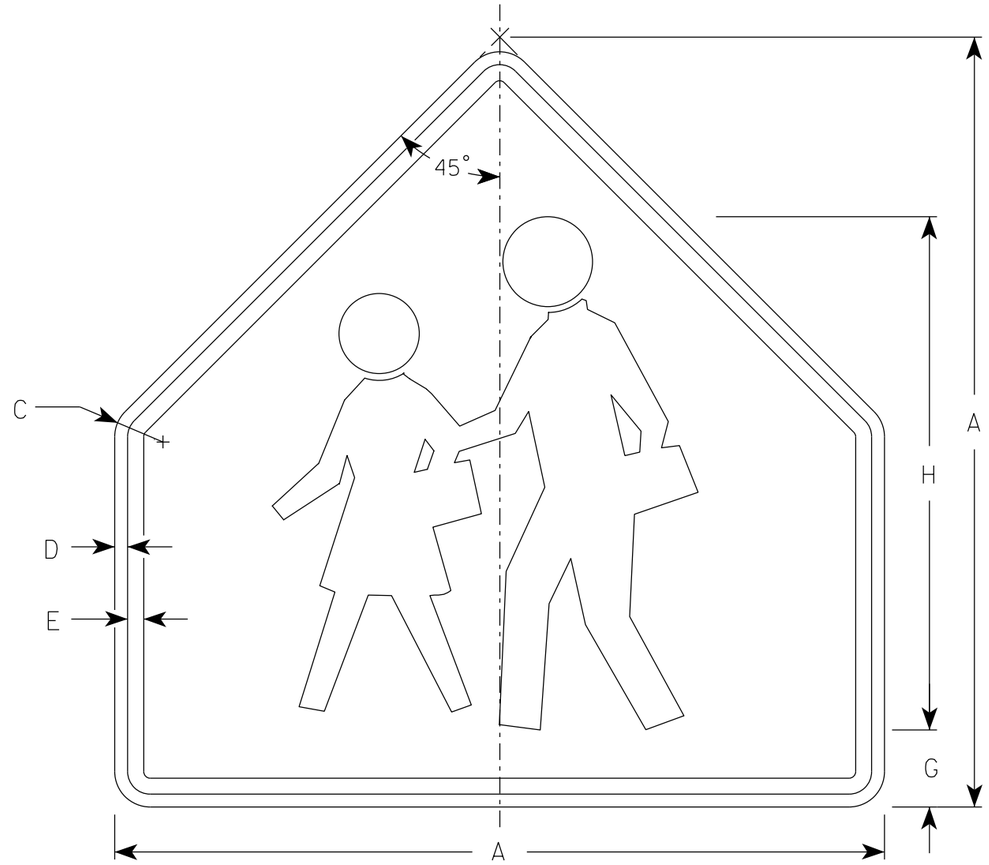
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/5/24 PLATE NO. R11-3.10

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 514 | E

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Yellow-Green
   Message - Black



S1-1

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 3/8	1/2	5/8		3	20																			4.69
2S	36		1 5/8	5/8	3/4		3 1/2	24																			6.75
2M	36		1 5/8	5/8	3/4		3 1/2	24																			6.75
3	36		1 5/8	5/8	3/4		3 1/2	24																			6.75
4	48		1 7/8	3/4	1		4 3/4	32																			12
5																											

STANDARD SIGN
S1-1

WISCONSIN DEPT OF TRANSPORTATION

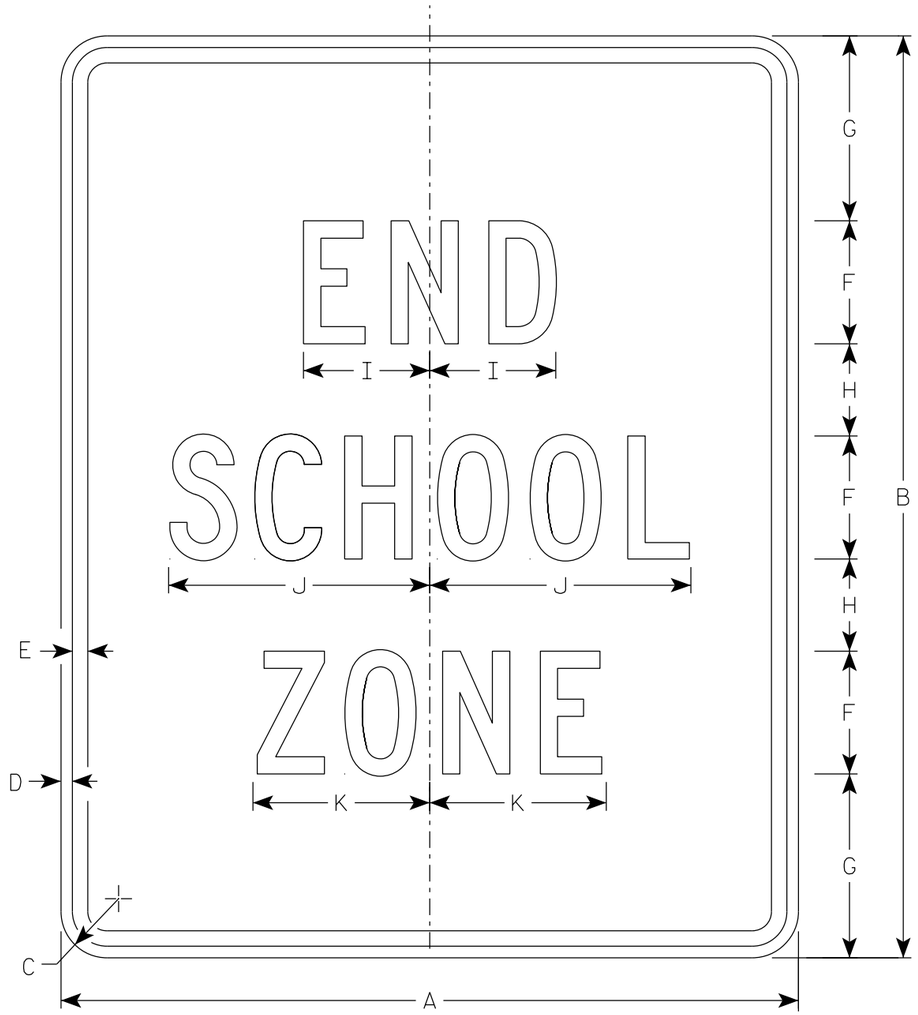
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/16/2023 PLATE NO. S1-1.9

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 515 | E

7

7



S5-2

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
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																											
2S	24	30	1 1/2	3/8	1/2	4	6	3	4 1/8	8 1/2	5 3/4																5.0
2M	24	30	1 1/2	3/8	1/2	4	6	3	4 1/8	8 1/2	5 3/4																5.0
3	36	42	1 7/8	5/8	3/4	6	7	5	6 1/8	12 5/8	8 5/8																10.5
4																											
5																											

STANDARD SIGN
S5-2

WISCONSIN DEPT OF TRANSPORTATION

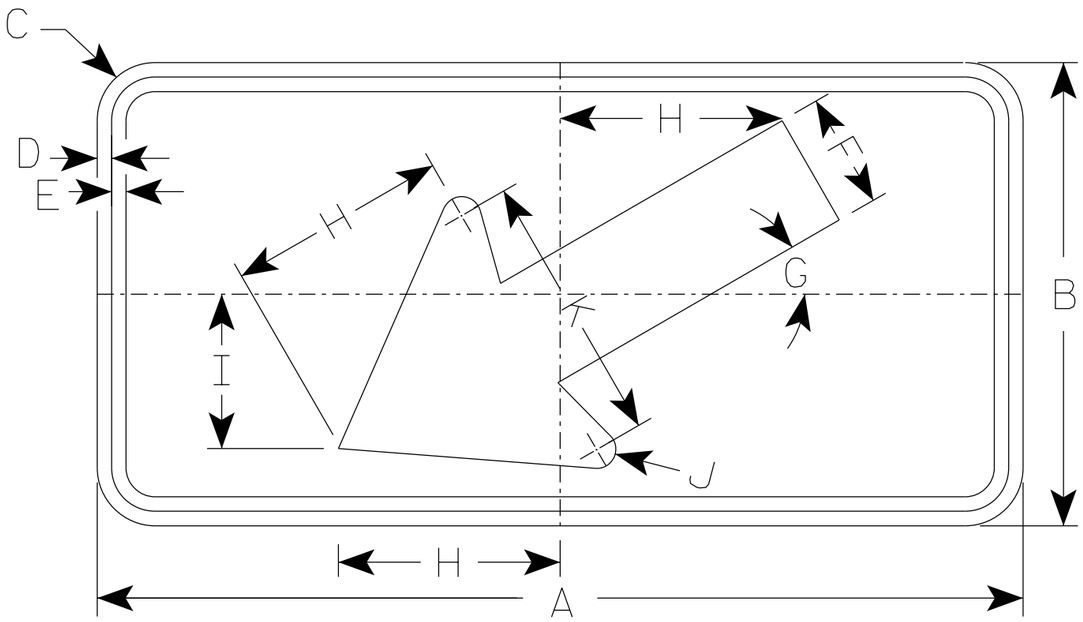
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/23/2023 PLATE NO. S5-2.3

PROJECT NO: | HWY: | COUNTY: | SHEET NO: E

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Yellow-Green
   Message - Black
3. S16-7R is the same as S16-7L except the arrow is reversed along the vertical centerline.



S16-7L

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	12	1 ½	⅜	⅜	3	30°	5 ¾	4	½	7																2.0
2S	30	18	1 ½	⅜	½	4 ½	30°	8 ½	6	⅝	10 ¼																3.75
2M	30	18	1 ½	⅜	½	4 ½	30°	8 ½	6	⅝	10 ¼																3.75
3	30	18	1 ½	⅜	½	4 ½	30°	8 ½	6	⅝	10 ¼																3.75
4	48	24	1 ⅞	½	⅝	6	30°	11 ½	8	1	14																8.0
5																											

STANDARD SIGN
S16-7

WISCONSIN DEPT OF TRANSPORTATION

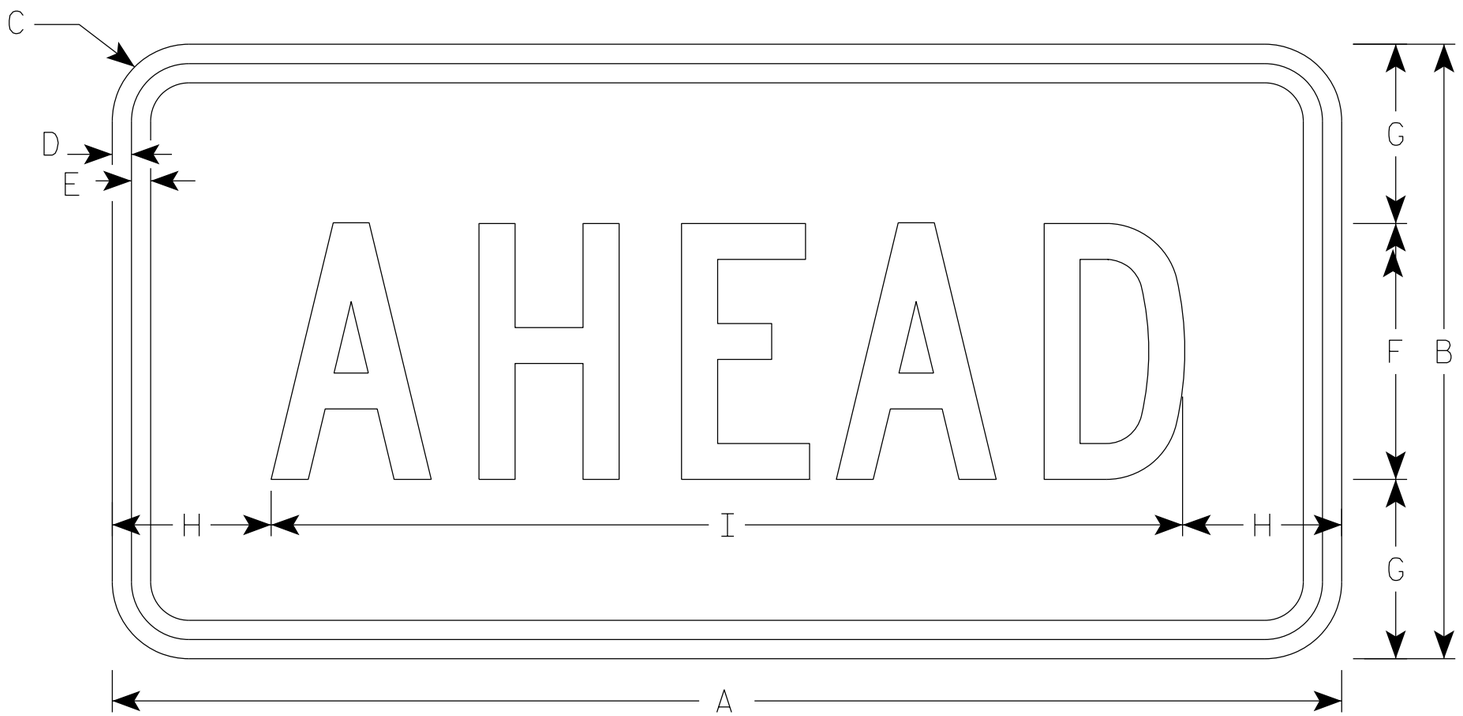
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/23/2023 PLATE NO. S16-7.3

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 517 | E

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Yellow-Green
   Message - Black
3. Message Series - C



S16-9P

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	12	1 1/2	3/8	3/8	5	3 1/2	3 1/8	17 3/4																		2.0
2S	30	18	1 1/2	3/8	1/2	7	5 1/2	2 3/4	24 1/2																		3.75
2M	30	18	1 1/2	3/8	1/2	7	5 1/2	2 3/4	24 1/2																		3.75
3	30	18	1 1/2	3/8	1/2	7	3 1/2	2 3/4	24 1/2																		3.75
4	48	24	1 7/8	1/2	5/8	10	7	6 1/8	35 3/4																		8.0
5																											

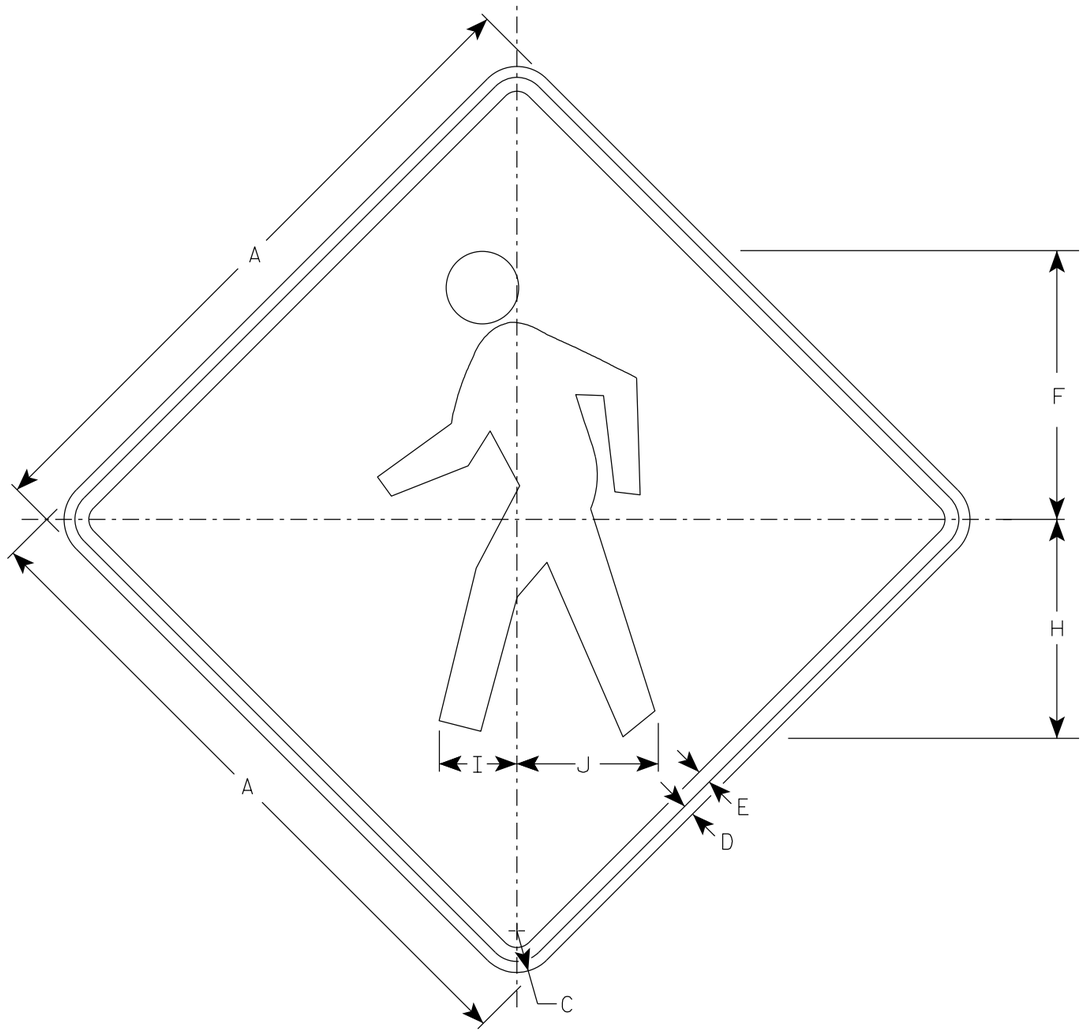
STANDARD SIGN
S16-9P

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
For State Traffic Engineer

DATE 2/23/2023 PLATE NO. S16-9P.2

PROJECT NO: | HWY: | COUNTY: | SHEET NO: E



W11-2

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	9 3/4		7 7/8	2 7/8	5 1/8																	4.0
2S	30		1 7/8	1/2	5/8	12 1/8		9 7/8	3 1/2	6 3/8																	6.25
2M	36		2 1/4	5/8	3/4	14 1/2		11 7/8	4 1/4	7 5/8																	9.0
3	36		2 1/4	5/8	3/4	14 1/2		11 7/8	4 1/4	7 5/8																	9.0
4	48		3	3/4	1	19 3/8		15 3/4	5 5/8	10 1/4																	16.0
5																											

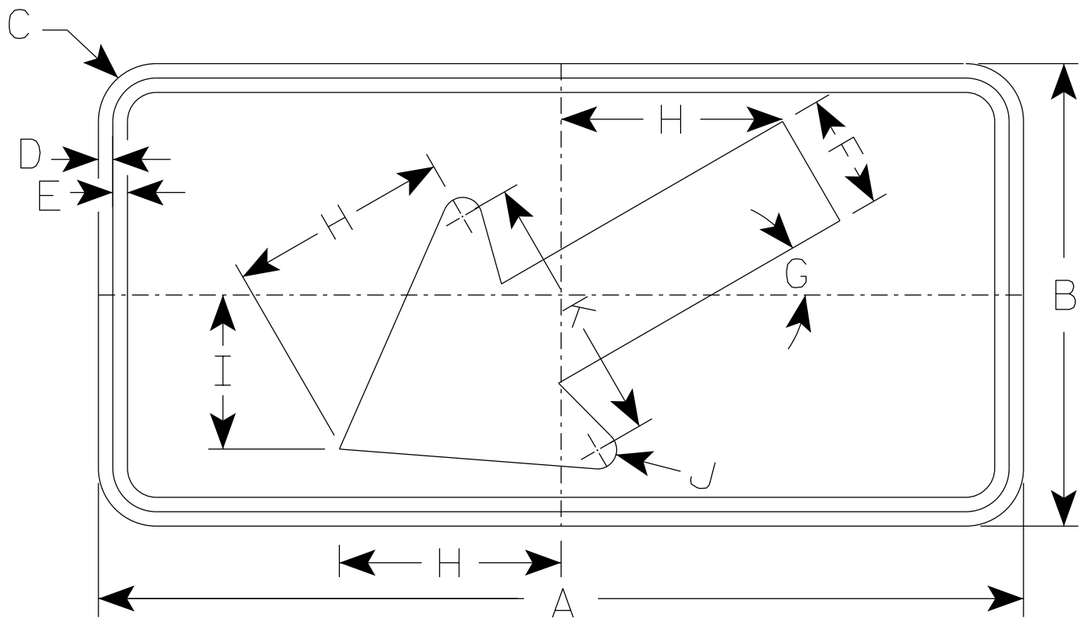
STANDARD SIGN
W11-2

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
For State Traffic Engineer

DATE 6/15/2023 PLATE NO. W11-2.9

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 519 E



W16-7L

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Yellow
   Message - Black
3. W16-7R is the same as W16-7L except the arrow is reversed along the vertical centerline.

* For 36" x 36" Warning Signs, use 30" x 18" W16-7L signs.
* For 48" x 48" Warning Signs, use 48" x 24" W16-7L signs.

	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	⅜	⅜	3	30°	5 ¾	4	½	7																2.0
*	2M	30	18	1 ½	⅜	½	4 ½	30°	8 ½	6	⅝	10 ¼																3.75
*	3	30	18	1 ½	⅜	½	4 ½	30°	8 ½	6	⅝	10 ¼																3.75
*	4	48	24	1 ⅞	½	⅝	6	30°	11 ½	8	1	14																8.0
	5																											

STANDARD SIGN
W16-7

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

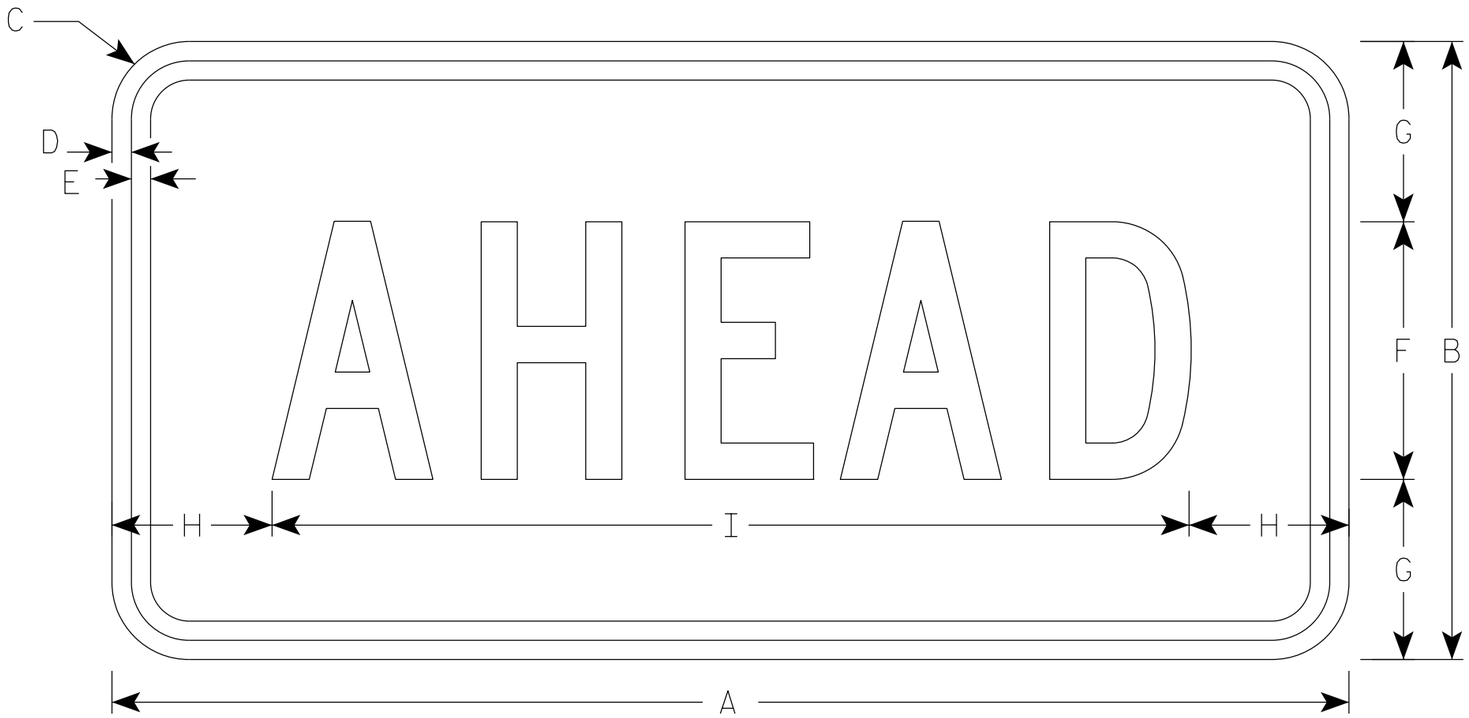
DATE 1/9/2024 PLATE NO. W16-7.9

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 520 E

7

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Yellow
   Message - Black
3. Message Series - C



W16-9P

* For 36" x 36" Warning Signs, use 30" x 18" W16-9P signs.
* For 48" x 48" Warning Signs, use 48" x 24" W16-9P signs.

	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	5	3 1/2	3 1/8	17 3/4																		2.0
*	2M	30	18	1 1/2	3/8	1/2	7	5 1/2	2 3/4	24 1/2																		3.75
*	3	30	18	1 1/2	3/8	1/2	7	3 1/2	2 3/4	24 1/2																		3.75
*	4	48	24	1 7/8	1/2	5/8	10	7	6 1/8	35 3/4																		8.0
	5																											

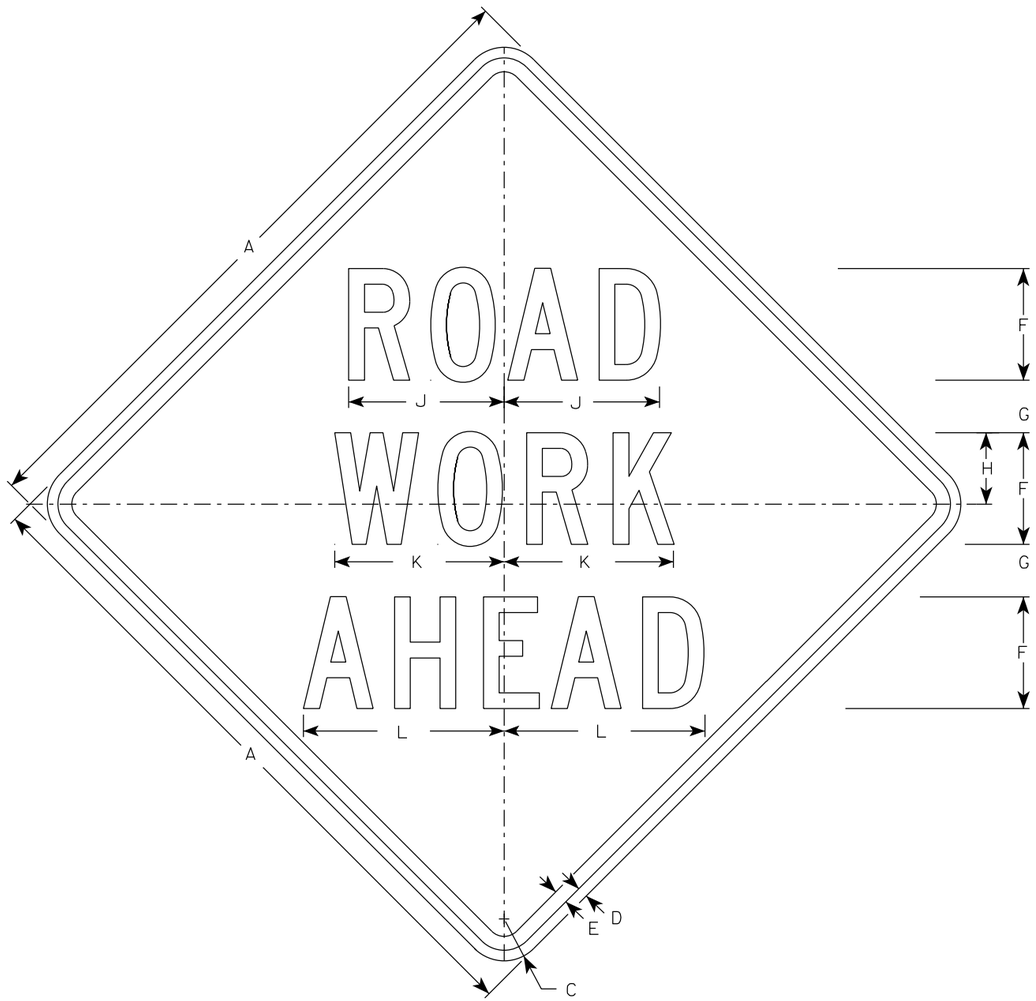
STANDARD SIGN
W16-9P

WISCONSIN DEPT OF TRANSPORTATION

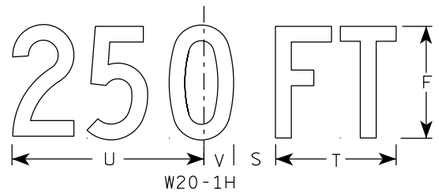
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/9/2024 PLATE NO. W16-9P.9

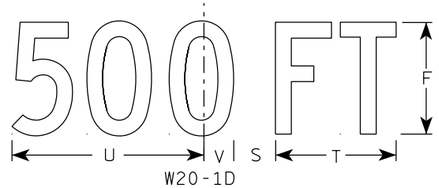
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 521 | E



W20-1A



W20-1H



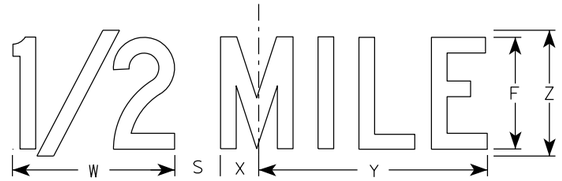
W20-1D

W20-1C

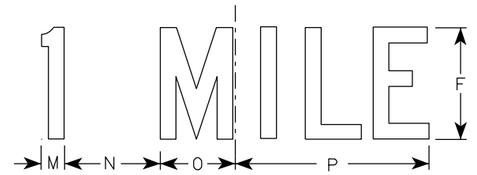
W20-1B

NOTES

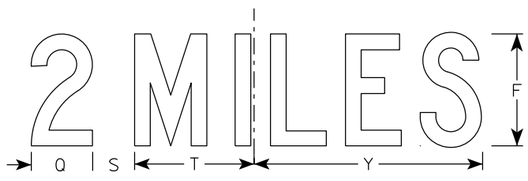
1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.



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:

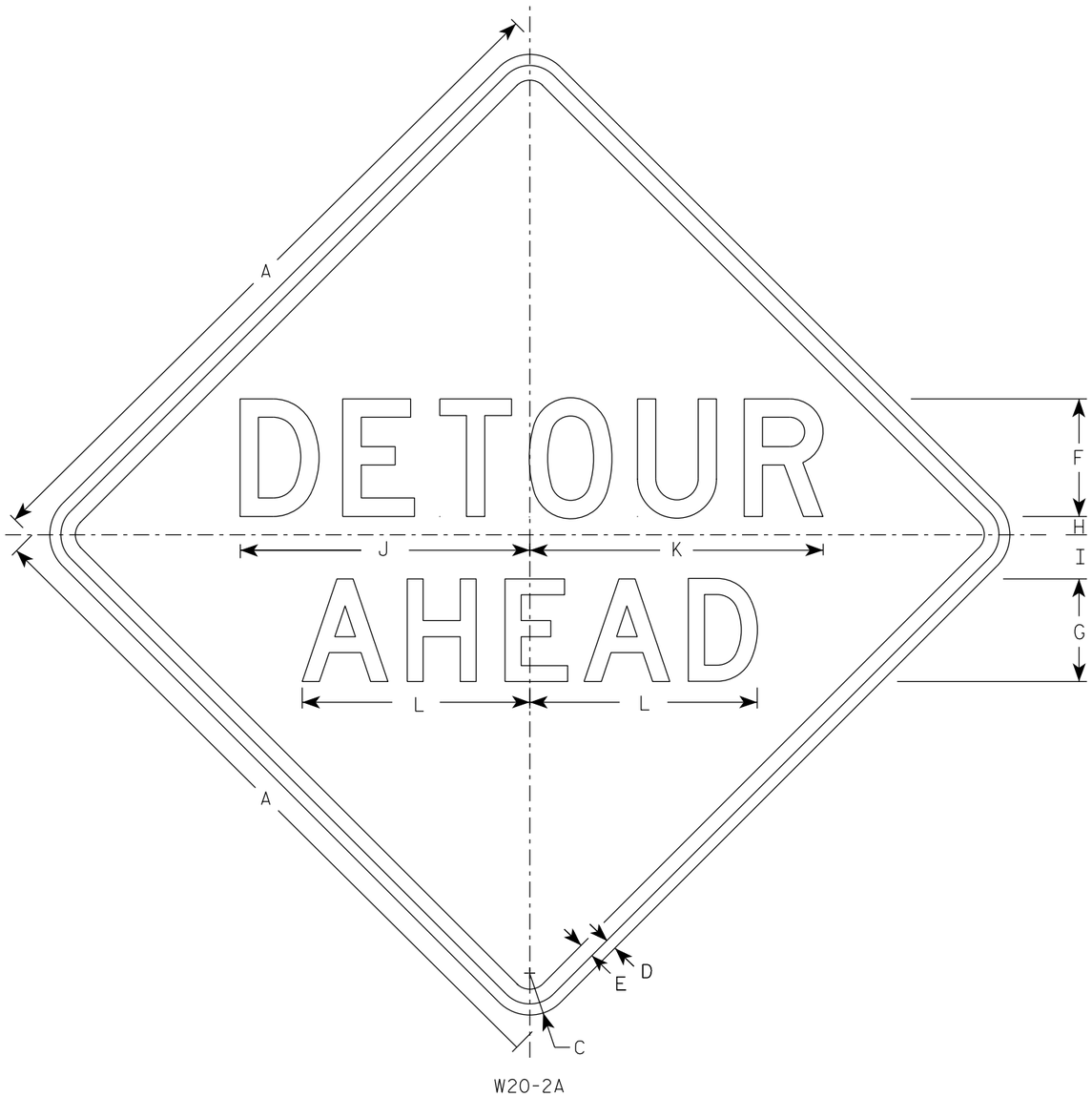
SHEET NO: 522 E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\W201.DGN PLOT DATE : 10-JAN 2024 11:16 PLOT BY : dotc4c

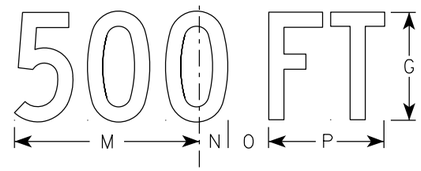
WISDOT/CADDS SHEET 42

7

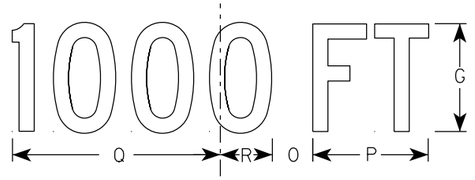
7



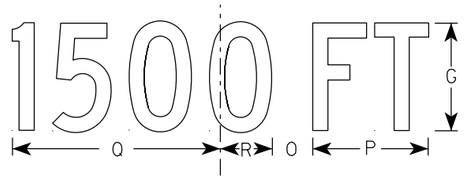
W20-2A



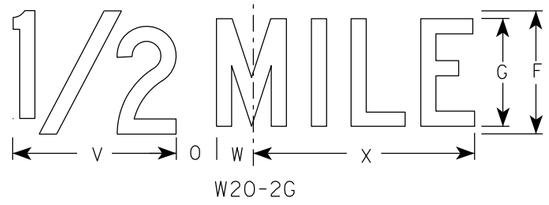
W20-2D



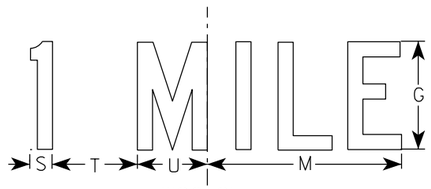
W20-2C



W20-2B



W20-2G



W20-2F

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. Line 1 is Series D.
   Line 2 is Series D for AHEAD and Series C for all other distances.

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	6	5	1	2 1/4	14 3/4	15	11 5/8	9	1 3/8	1 7/8	5 5/8	10 1/8	2 1/2	1 1/8	4 1/2	3 1/2	8	1 3/4	10 3/4			9.0
2S	48		3	3/4	1	8	7	1 1/4	3	19 3/4	20	15 1/2	12	1 7/8	2 5/8	7 1/2	13 1/2	3 3/8	1 1/2	6	4 5/8	10 5/8	2 3/8	14 3/8			16.0
2M	48		3	3/4	1	8	7	1 1/4	3	19 3/4	20	15 1/2	12	1 7/8	2 5/8	7 1/2	13 1/2	3 3/8	1 1/2	6	4 5/8	10 5/8	2 3/8	14 3/8			16.0
3	48		3	3/4	1	8	7	1 1/4	3	19 3/4	20	15 1/2	12	1 7/8	2 5/8	7 1/2	13 1/2	3 3/8	1 1/2	6	4 5/8	10 5/8	2 3/8	14 3/8			16.0
4	48		3	3/4	1	8	7	1 1/4	3	19 3/4	20	15 1/2	12	1 7/8	2 5/8	7 1/2	13 1/2	3 3/8	1 1/2	6	4 5/8	10 5/8	2 3/8	14 3/8			16.0
5	48		3	3/4	1	8	7	1 1/4	3	19 3/4	20	15 1/2	12	1 7/8	2 5/8	7 1/2	13 1/2	3 3/8	1 1/2	6	4 5/8	10 5/8	2 3/8	14 3/8			16.0

STANDARD SIGN
W20-2A,B,C,D,F & G

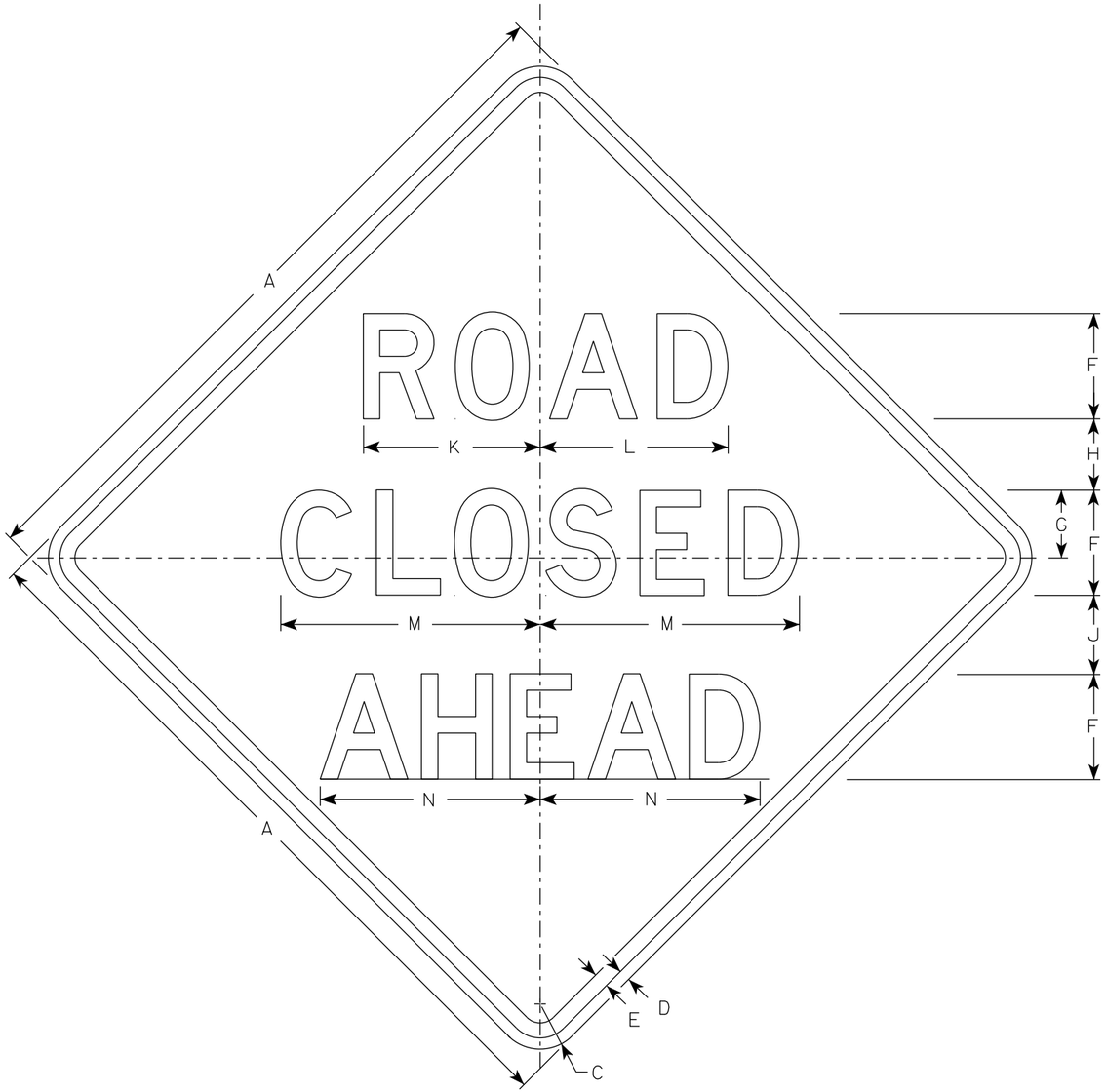
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
For State Traffic Engineer

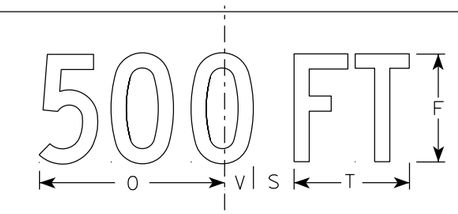
DATE 1/10/2024 PLATE NO. W20-2.7

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

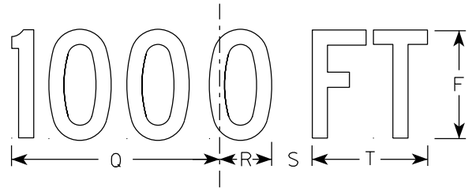
FILE NAME : C:\CAEfiles\Projects\tr_stdplate\W202.DGN PLOT DATE : 10-JAN 2024 11:36 PLOT BY : dotc4c PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42



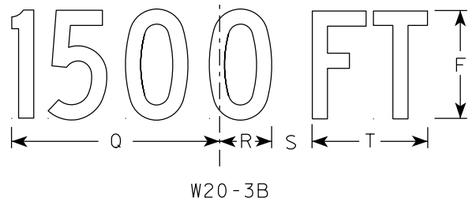
W20-3A



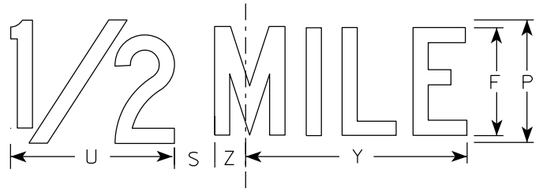
W20-3D



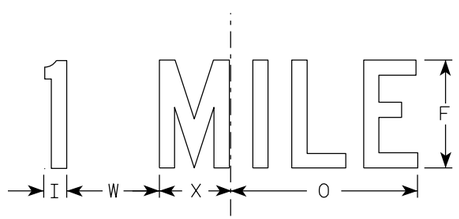
W20-3C



W20-3B



W20-3G



W20-3F

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. Lines 1 and 2 are Series D.
   Line 3 is Series D for AHEAD and Series C for all other distances.

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	3 3/8	3 1/2	1 1/8	4	8 3/8	8 7/8	12 1/2	11	9	6	10 1/8	2 1/2	1 7/8	5 5/8	8	1 3/8	4 1/2	3 1/2	10 3/4	1 3/4	9.0
2S	48		3	3/4	1	7	4 1/2	4 3/4	1 1/2	5 1/4	11 3/4	12 1/2	17 1/4	14 5/8	12	8	13 1/2	3 3/8	2 5/8	7 1/2	10 5/8	1 7/8	6	4 5/8	14 3/8	2 3/8	16.0
2M	48		3	3/4	1	7	4 1/2	4 3/4	1 1/2	5 1/4	11 3/4	12 1/2	17 1/4	14 5/8	12	8	13 1/2	3 3/8	2 5/8	7 1/2	10 5/8	1 7/8	6	4 5/8	14 3/8	2 3/8	16.0
3	48		3	3/4	1	7	4 1/2	4 3/4	1 1/2	5 1/4	11 3/4	12 1/2	17 1/4	14 5/8	12	8	13 1/2	3 3/8	2 5/8	7 1/2	10 5/8	1 7/8	6	4 5/8	14 3/8	2 3/8	16.0
4	48		3	3/4	1	7	4 1/2	4 3/4	1 1/2	5 1/4	11 3/4	12 1/2	17 1/4	14 5/8	12	8	13 1/2	3 3/8	2 5/8	7 1/2	10 5/8	1 7/8	6	4 5/8	14 3/8	2 3/8	16.0
5	48		3	3/4	1	7	4 1/2	4 3/4	1 1/2	5 1/4	11 3/4	12 1/2	17 1/4	14 5/8	12	8	13 1/2	3 3/8	2 5/8	7 1/2	10 5/8	1 7/8	6	4 5/8	14 3/8	2 3/8	16.0

STANDARD SIGN
W20-3A, B, C, D, F & G

WISCONSIN DEPT OF TRANSPORTATION

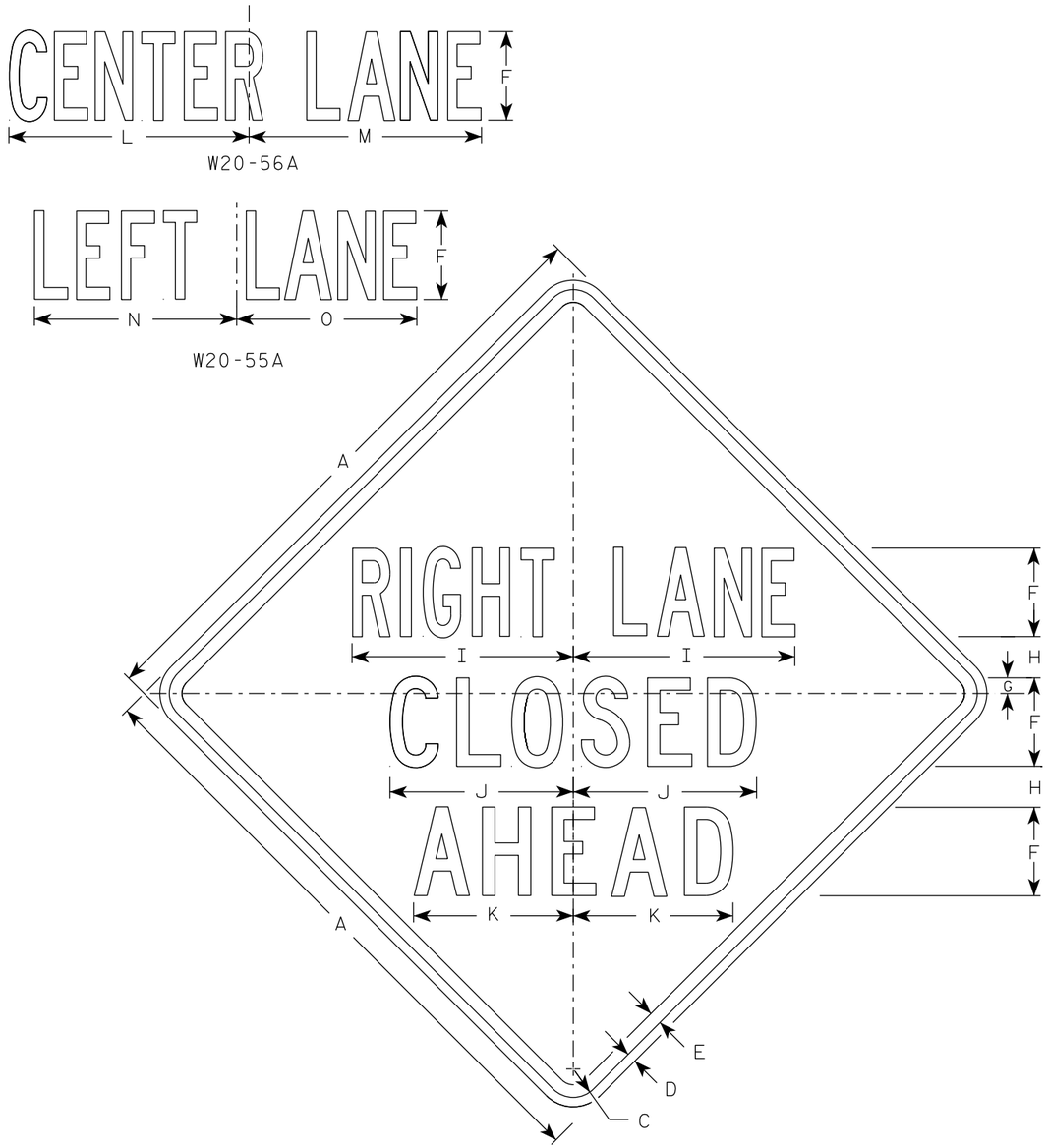
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/10/2024 PLATE NO. W20-3.8

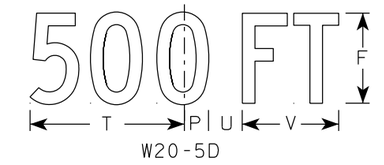
PROJECT NO: | HWY: | COUNTY: | SHEET NO: E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\W203.DGN PLOT DATE : 10-JAN 2024 12:02 PLOT BY : dotc4c PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42

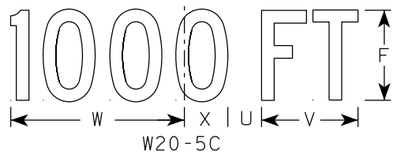
7



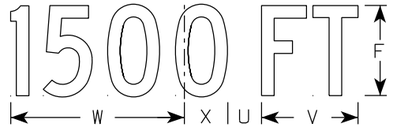
W20-5A



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

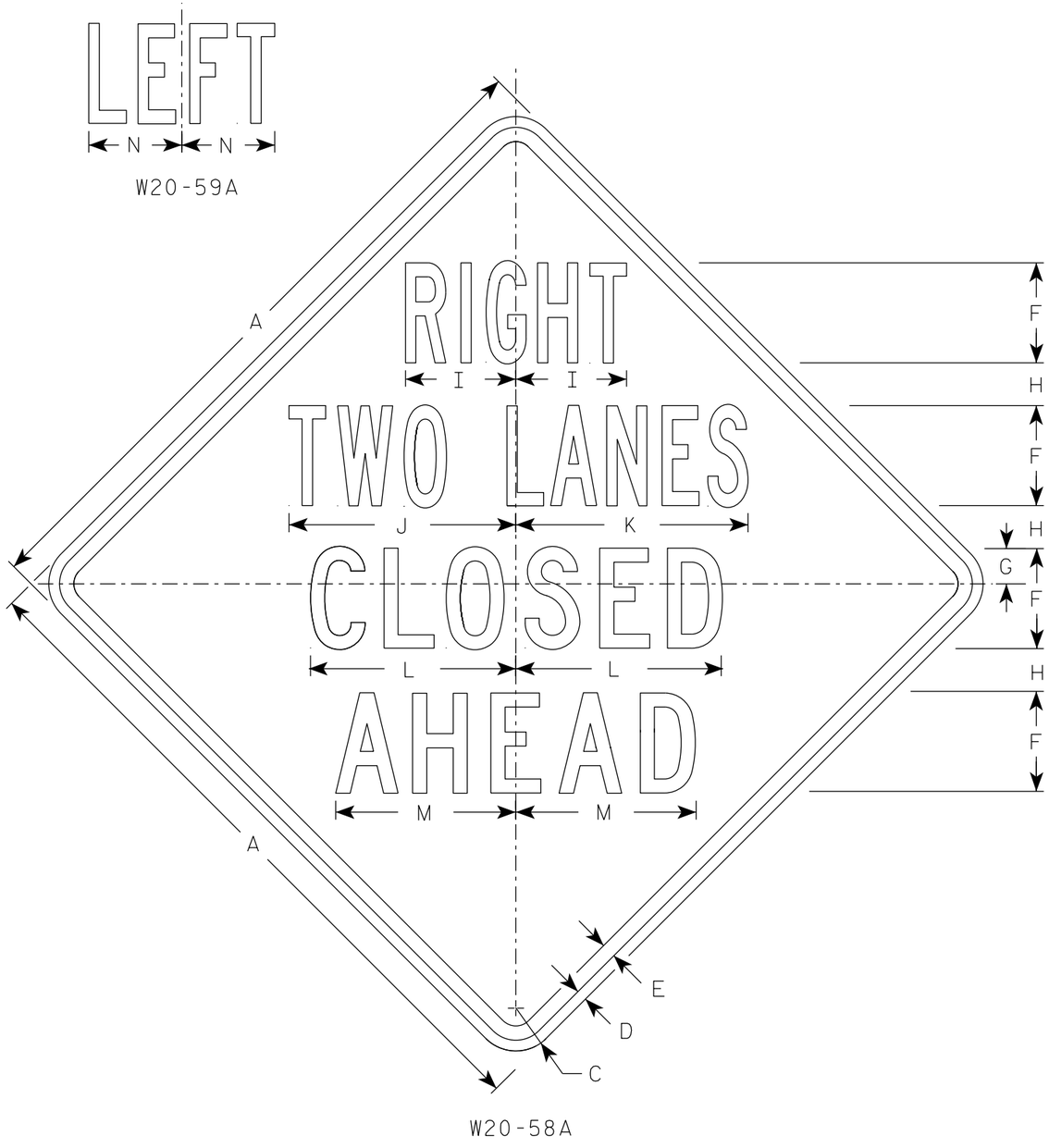
STANDARD SIGN
W20-5A, B, C, D, F & G

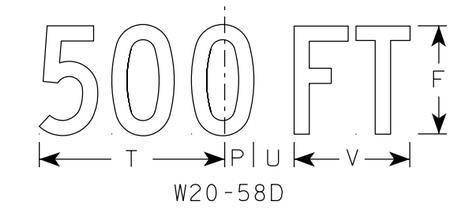
WISCONSIN DEPT OF TRANSPORTATION

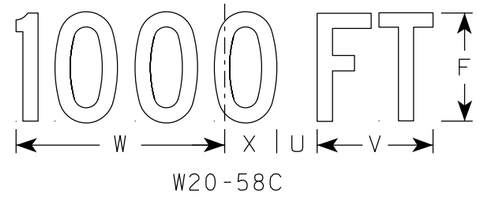
APPROVED Matthew R Rauch
for State Traffic Engineer

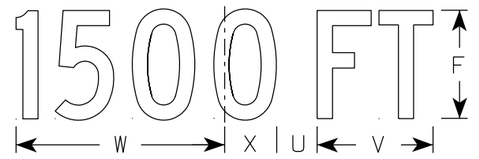
DATE 3/27/24 PLATE NO. W20-5.12

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 525 | E









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. Lines 1 & 2 Series B.
   Lines 3 & 4 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		2 1/4	5/8	3/4	5	1 7/8	2 1/4	5 7/8	11 7/8	12 1/8	10 3/4	9 1/2	4 7/8	6	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		3	3/4	1	7	2 1/2	3	7 3/4	15 7/8	16 1/4	14 3/8	12 5/8	6 1/2	8	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		3	3/4	1	7	2 1/2	3	7 3/4	15 7/8	16 1/4	14 3/8	12 5/8	6 1/2	8	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		3	3/4	1	7	2 1/2	3	7 3/4	15 7/8	16 1/4	14 3/8	12 5/8	6 1/2	8	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		3	3/4	1	7	2 1/2	3	7 3/4	15 7/8	16 1/4	14 3/8	12 5/8	6 1/2	8	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		3	3/4	1	7	2 1/2	3	7 3/4	15 7/8	16 1/4	14 3/8	12 5/8	6 1/2	8	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
W20-58A, B, C, D, F & G

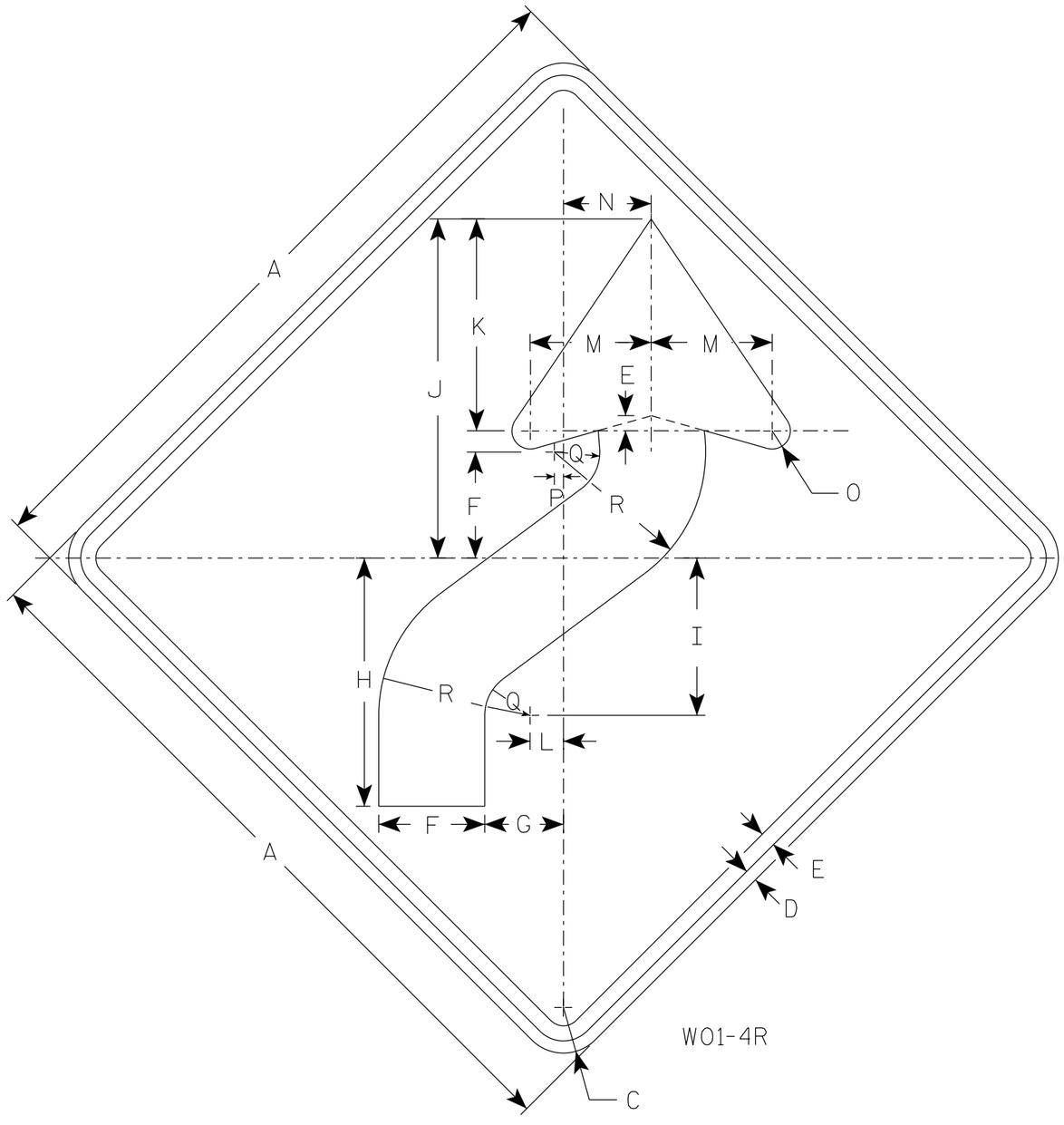
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/10/2024 PLATE NO. W20-58.5

PROJECT NO: | HWY: | COUNTY: | SHEET NO: E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\W2058.DGN PLOT DATE : 10-JAN 2024 2:56 PLOT BY : dotc4c PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42



W01-4R

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. W01-4L is the same as W01-4R except the arrow 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	5 1/4	4	12 3/8	7 7/8	16 7/8	10 1/2	1 5/8	6	4 1/2	1	1/2	2 1/4	7 1/2									9.0
2S	48		3	3/4	1	7	5 1/4	16 1/2	10 1/2	22 1/2	14	2 1/4	8	6	1 1/4	5/8	3	10									16.0
2M	48		3	3/4	1	7	5 1/4	16 1/2	10 1/2	22 1/2	14	2 1/4	8	6	1 1/4	5/8	3	10									16.0
3	48		3	3/4	1	7	5 1/4	16 1/2	10 1/2	22 1/2	14	2 1/4	8	6	1 1/4	5/8	3	10									16.0
4	48		3	3/4	1	7	5 1/4	16 1/2	10 1/2	22 1/2	14	2 1/4	8	6	1 1/4	5/8	3	10									16.0
5	48		3	3/4	1	7	5 1/4	16 1/2	10 1/2	22 1/2	14	2 1/4	8	6	1 1/4	5/8	3	10									16.0

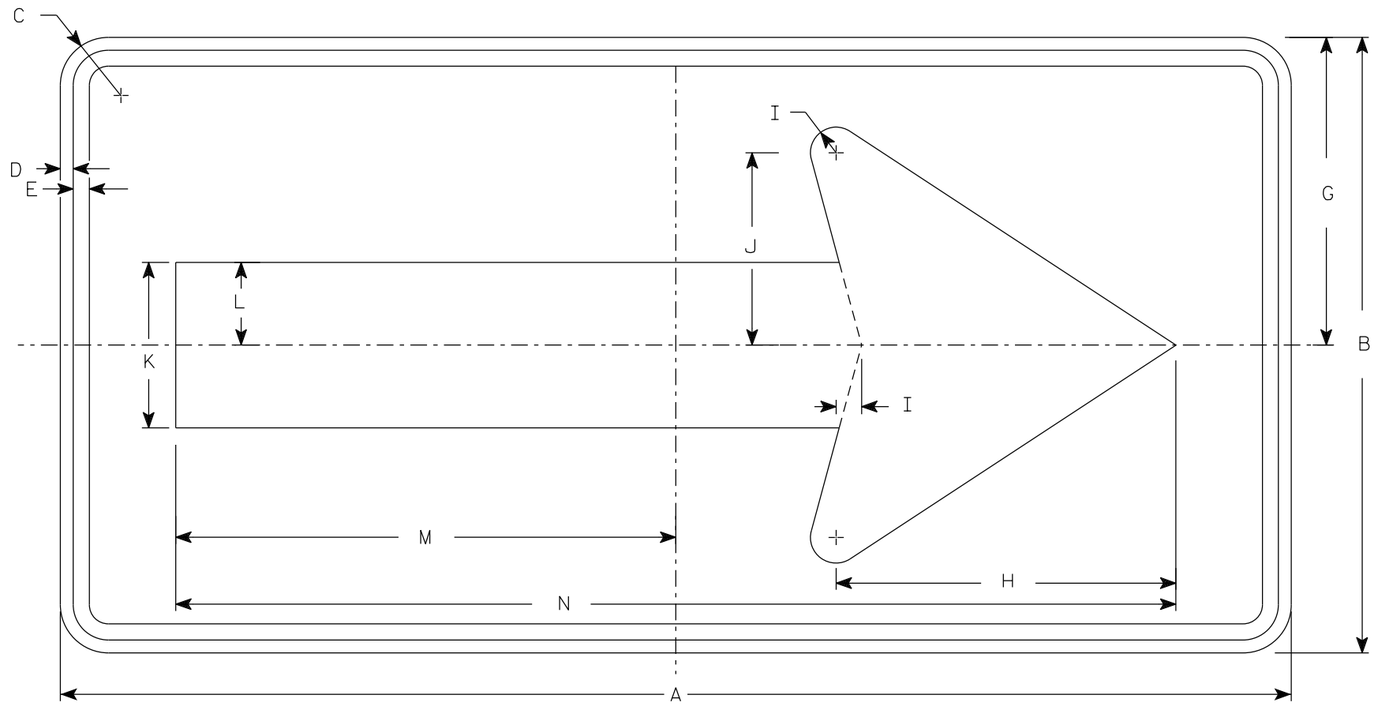
STANDARD SIGN
W01-4

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
For State Traffic Engineer

DATE 1/24/2024 PLATE NO. W01-4.2

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 527 | 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

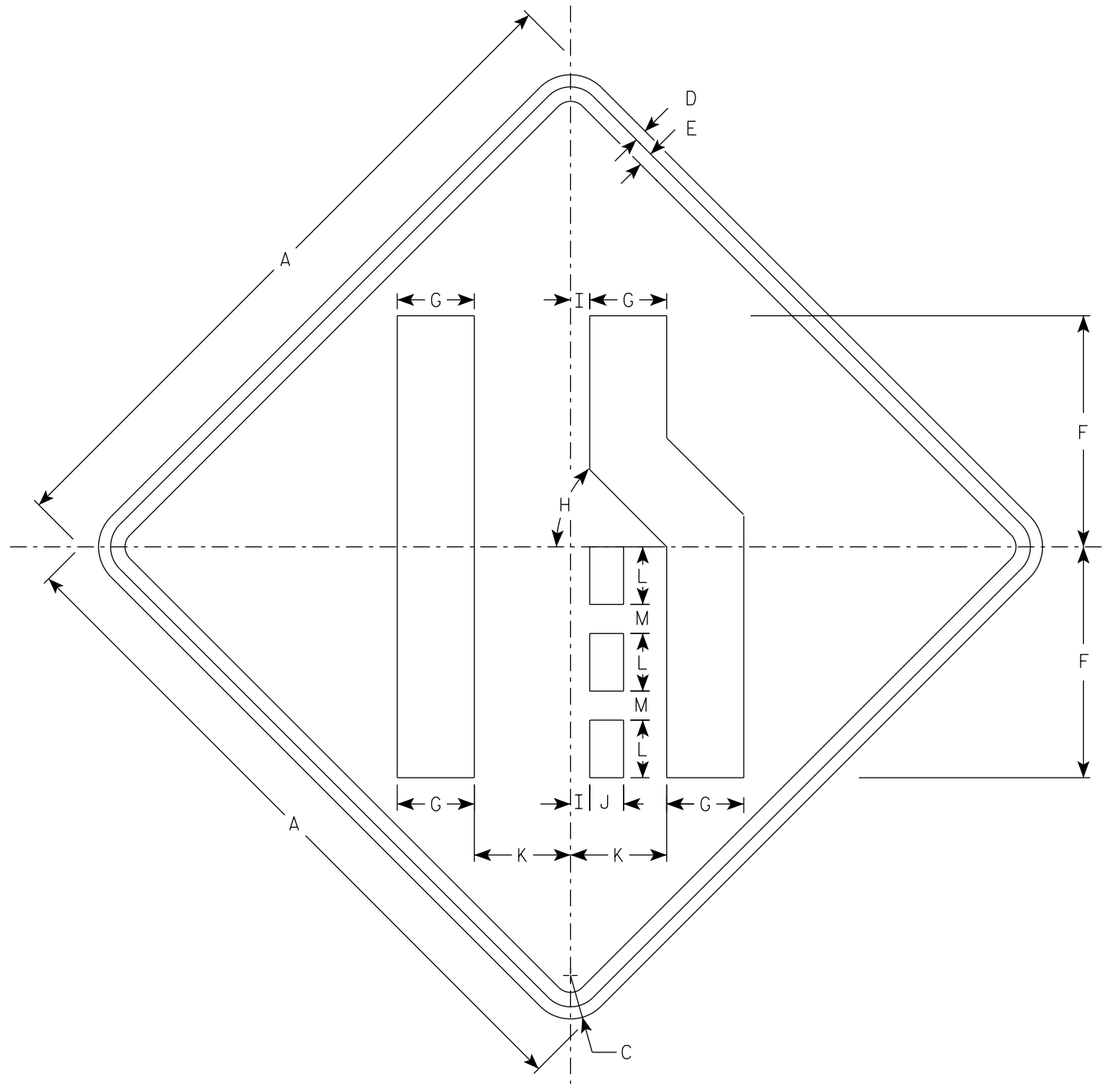
STANDARD SIGN
WO1-6

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

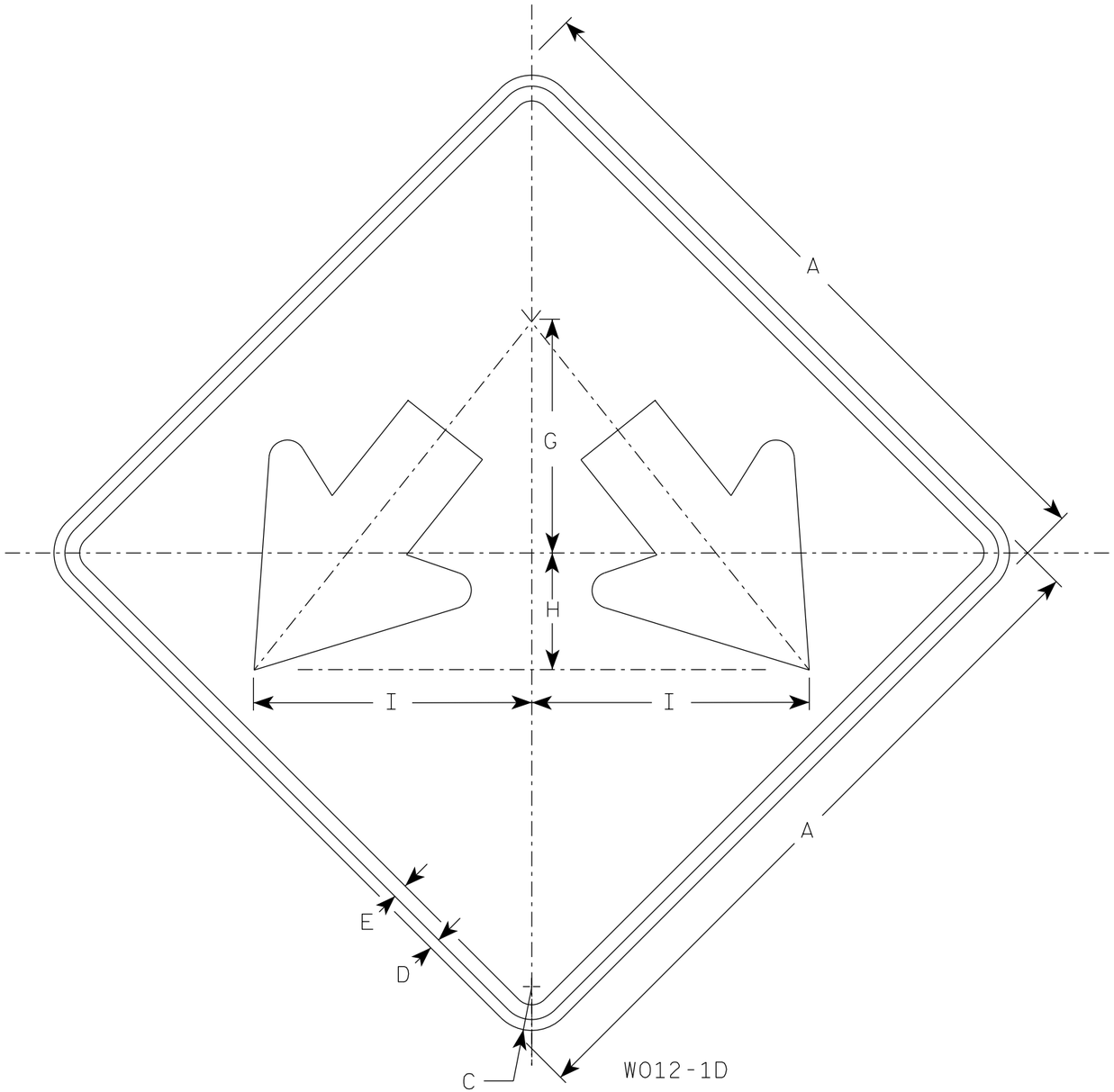
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/25/2024 PLATE NO. W04-2.2

PROJECT NO:

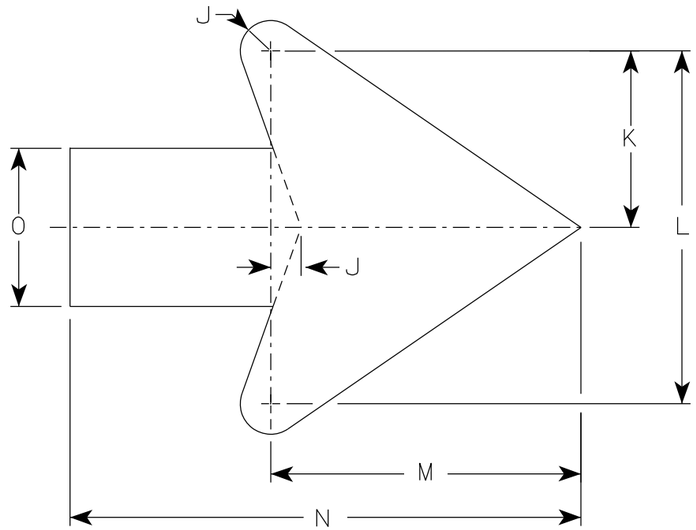
SHEET NO: 529 E



W012-1D

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.



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 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
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	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

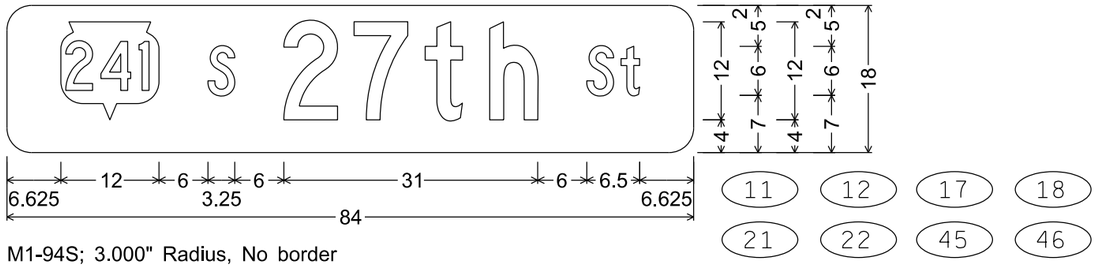
STANDARD SIGN
W012-1D

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

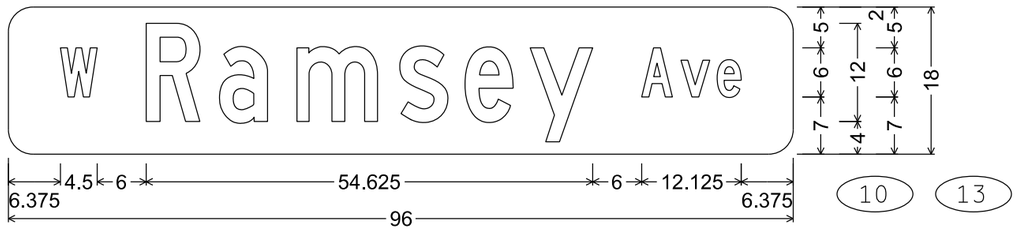
DATE 2/1/2024 PLATE NO. W012-1D.3

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 530	E



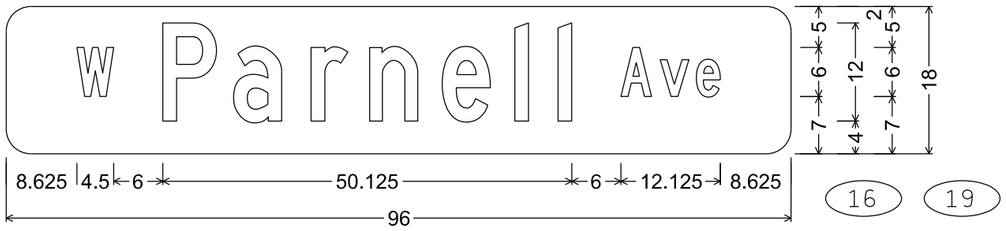
11 12 17 18
21 22 45 46

M1-94S; 3.000" Radius, No border



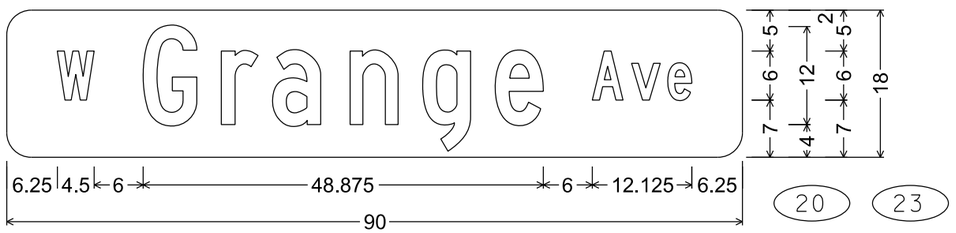
10 13

M1-94H; 3.000" Radius, No border



16 19

M1-94H; 3.000" Radius, No border

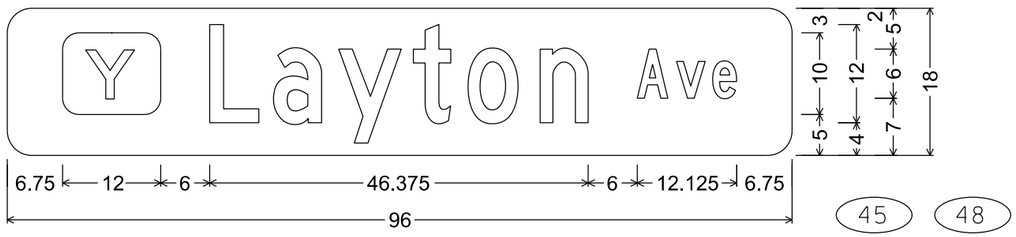


20 23

M1-94H; 3.000" Radius, No border

24 26

M1-94H; 3.000" Radius, No border



45 48

M1-94S; 3.000" Radius, No border

NOTES

1. Signs are Type II - Type H Reflective
2. Color:
   Background - Green
   Message - White
3. Message Series - C

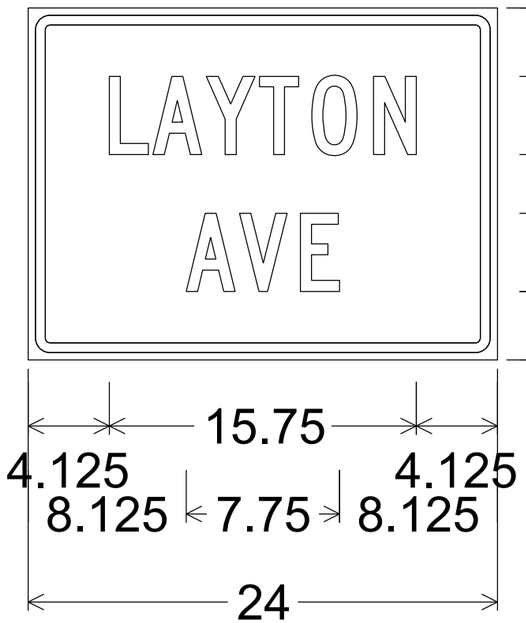
7

7

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	PERMANENT SIGNING	SHEET NO: 531	E

NOTES

1. Fixed Message Sign Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - C



1.125" Radius, 0.500" Border, 0.375" Indent

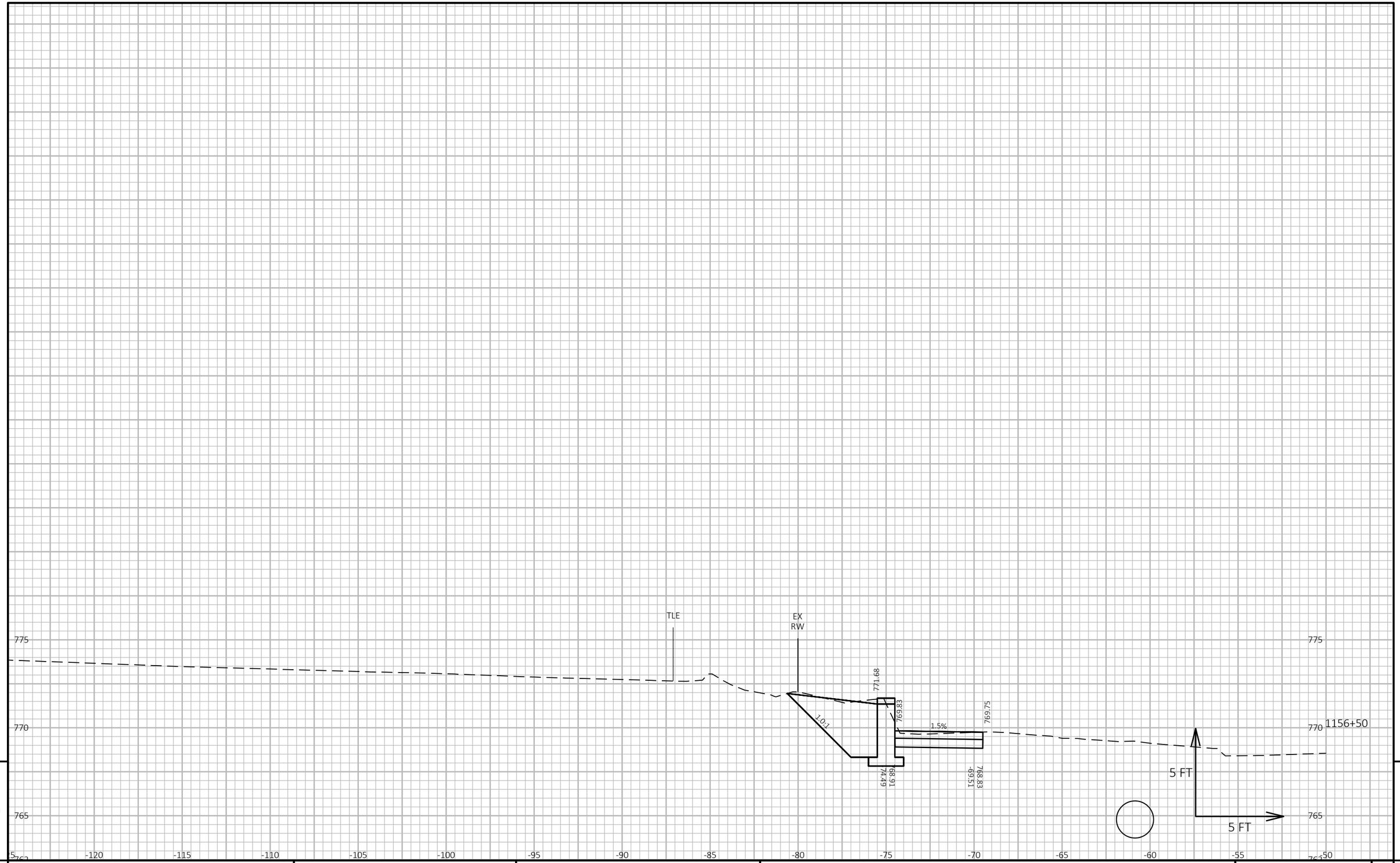
9

9

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	CROSS SECTIONS: STA 1156+00 TO STA 1159+25	SHEET 533	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - 090201_xs

PLOT DATE : 11/20/2024 3:38 PM PLOT BY : STRASSER, JEFFREY PLOT NAME : PLOT SCALE : 1 IN:5 FT HORZ. / 1 IN:5 FT VERT.



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PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	CROSS SECTIONS: STA 1156+00 TO STA 1159+25	SHEET 534	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - 090202_xs

PLOT DATE : 11/20/2024 3:38 PM PLOT BY : STRASSER, JEFFREY PLOT NAME : PLOT SCALE : 1 IN:5 FT HORZ. / 1 IN:5 FT VERT.

780
775
770
765
760
-120
-115
-110
-105
-100
-95
-90
-85
-80
-75
-70
-65
-60
-55
-50
TLE
EX
RW
6:4:1
1:0:1
771.68
769.65
769.57
1.5%
768.73
768.66
768.51
1156+75
EXISTING 18" PIPE
5 FT
5 FT

9

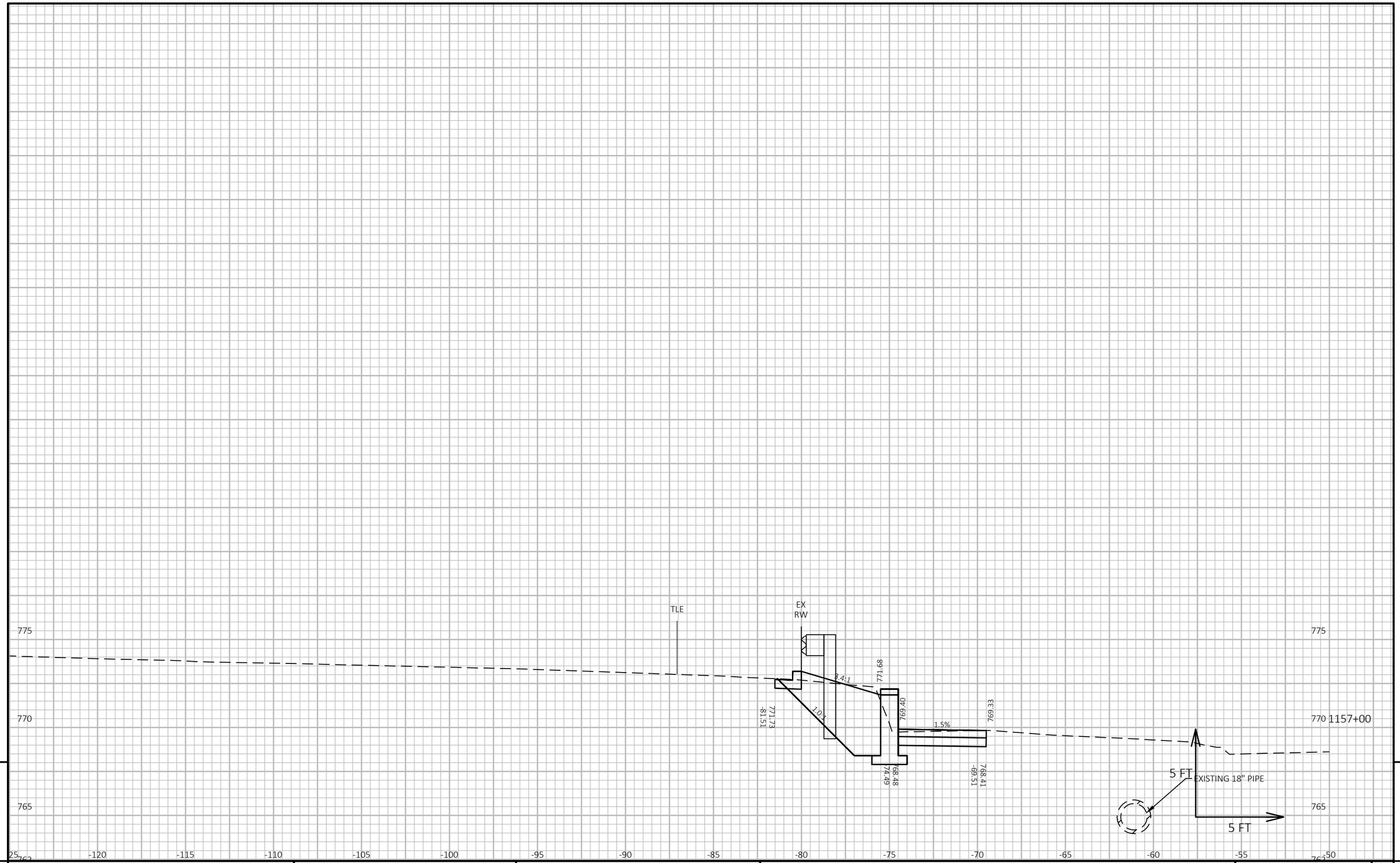
9

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	CROSS SECTIONS: STA 1156+00 TO STA 1159+25	SHEET 535	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - 090203_xs

PLOT DATE : 11/20/2024 3:38 PM PLOT BY : STRASSER, JEFFREY PLOT NAME : PLOT SCALE : 1 IN:5 FT HORZ. / 1 IN:5 FT VERT.

WISDOT/CADDS SHEET 49



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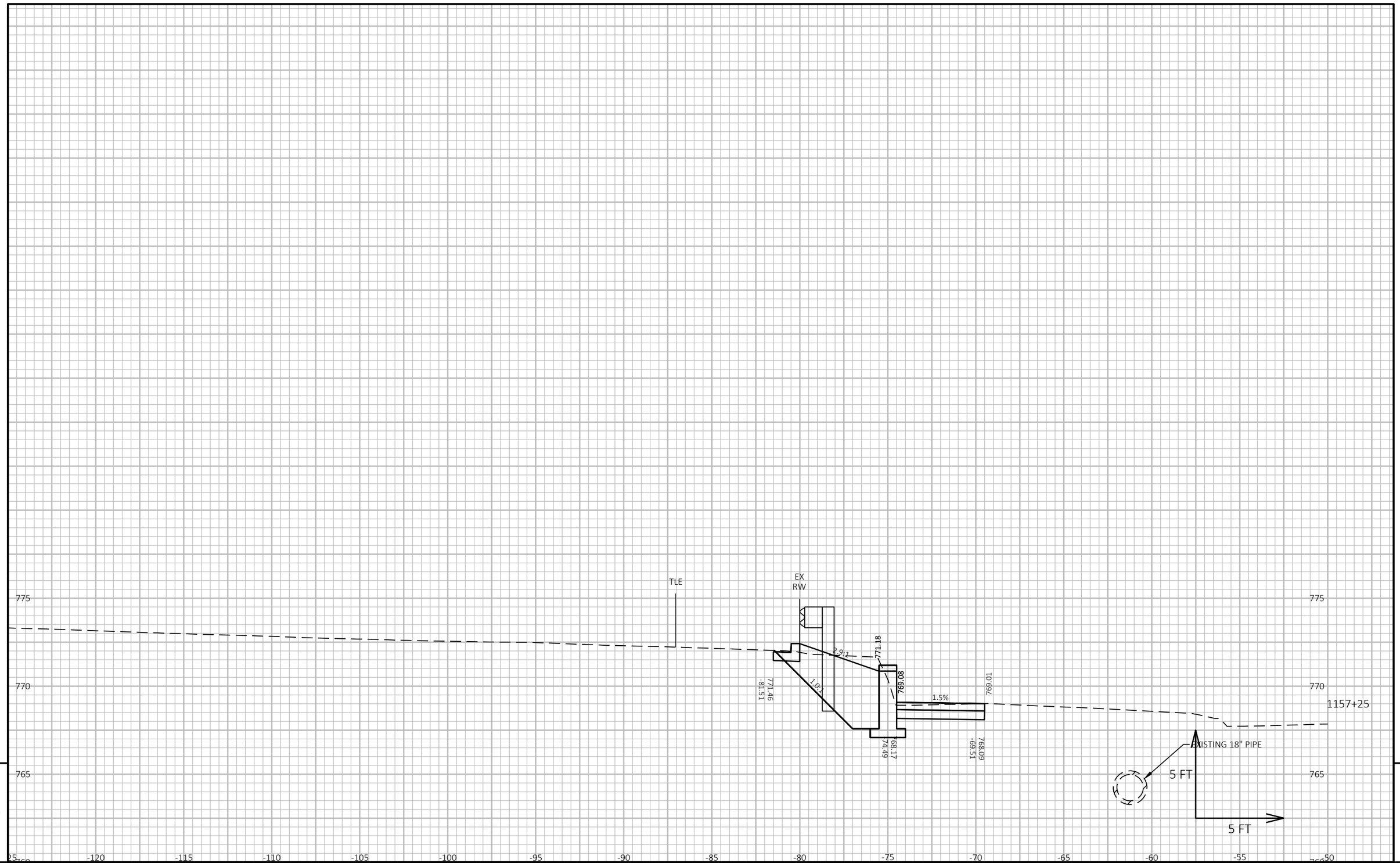
PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	CROSS SECTIONS: STA 1156+00 TO STA 1159+25	SHEET 536	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - 090204_xs

PLOT DATE : 11/20/2024 3:38 PM PLOT BY : STRASSER, JEFFREY PLOT NAME : PLOT SCALE : 1 IN:5 FT HORZ. / 1 IN:5 FT VERT.

WISDOT/CADDS SHEET 49



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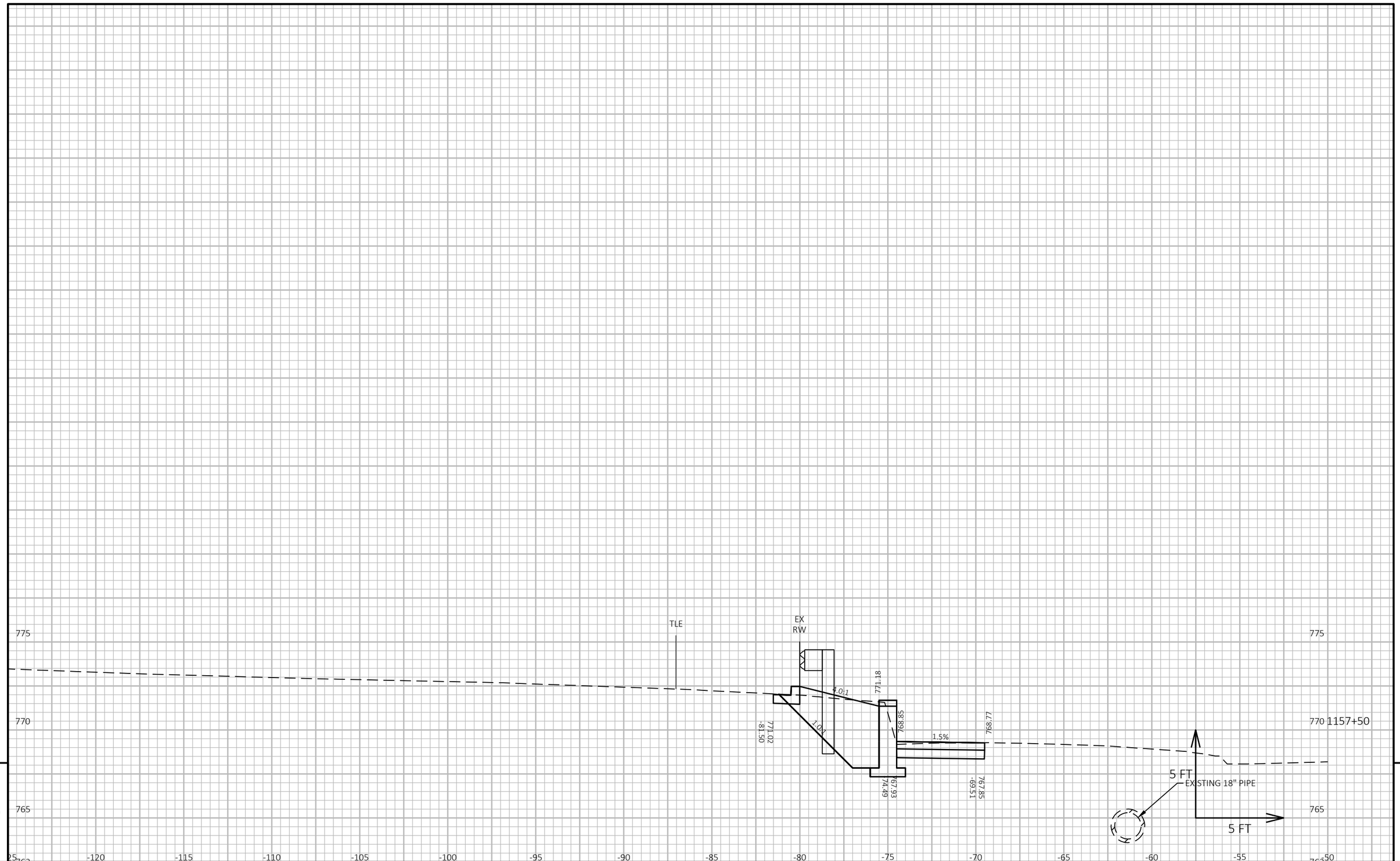
PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	CROSS SECTIONS: STA 1156+00 TO STA 1159+25	SHEET 537	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - 090205_xs

PLOT DATE : 11/20/2024 3:38 PM PLOT BY : STRASSER, JEFFREY PLOT NAME : PLOT SCALE : 1 IN:5 FT HORZ. / 1 IN:5 FT VERT.

WISDOT/CADDS SHEET 49



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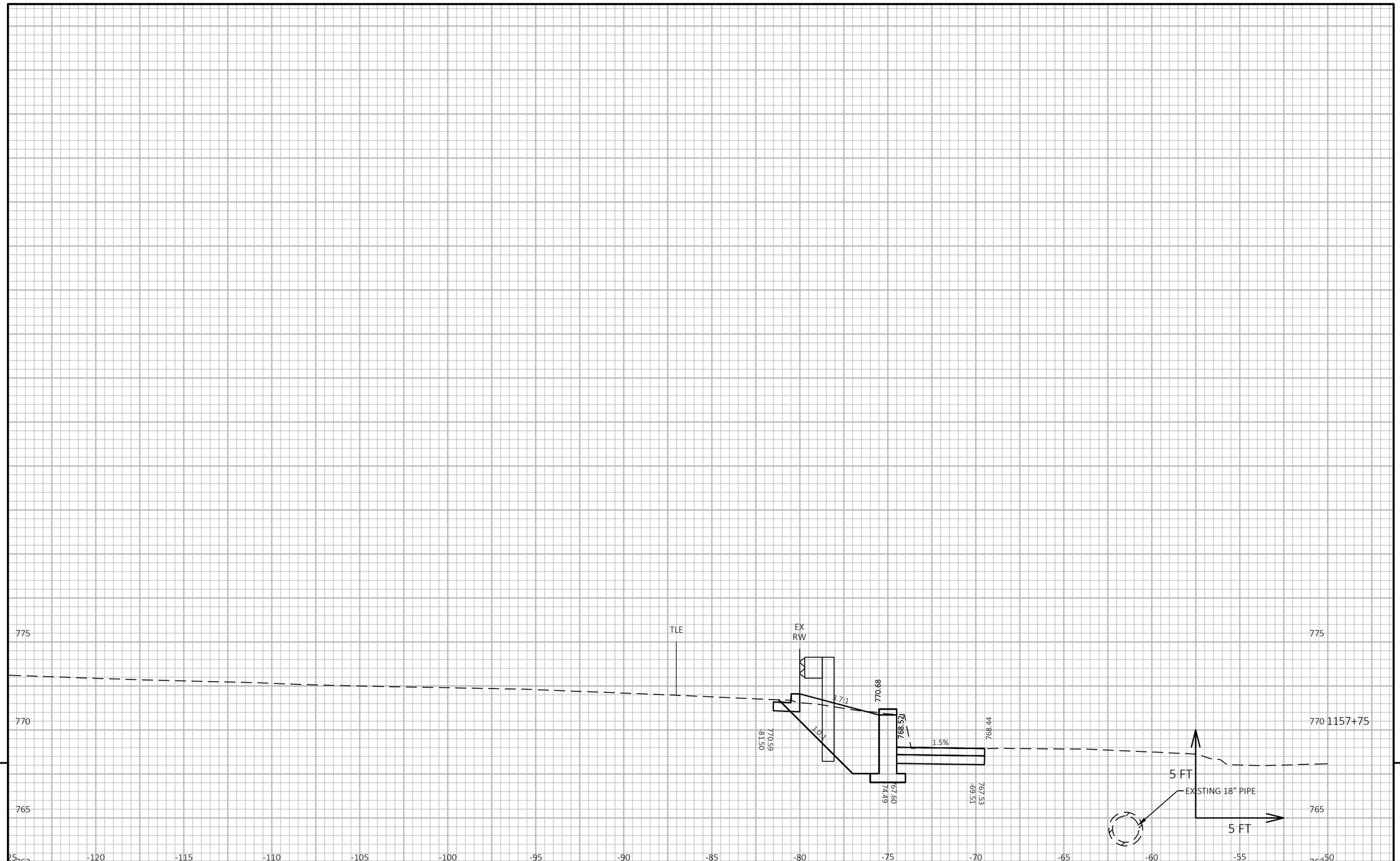
PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	CROSS SECTIONS: STA 1156+00 TO STA 1159+25	SHEET 538	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - 090206_xs

PLOT DATE : 11/20/2024 3:38 PM PLOT BY : STRASSER, JEFFREY PLOT NAME : PLOT SCALE : 1 IN:5 FT HORZ. / 1 IN:5 FT VERT.

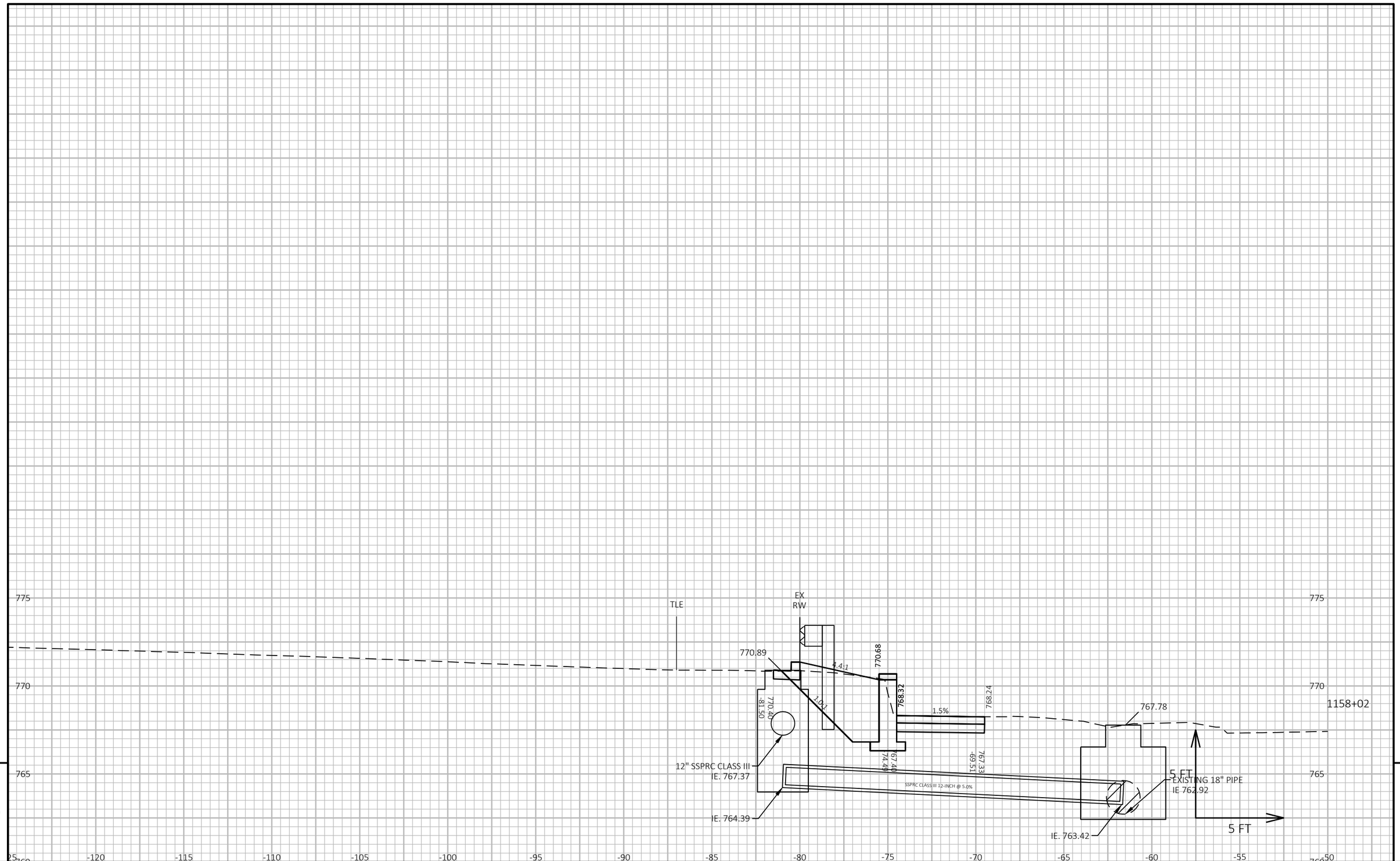


9 9

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	CROSS SECTIONS: STA 1156+00 TO STA 1159+25	SHEET 539	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - 090207_xs

PLOT DATE : 11/20/2024 3:38 PM PLOT BY : STRASSER, JEFFREY PLOT NAME : PLOT SCALE : 1 IN:5 FT HORZ. / 1 IN:5 FT VERT.



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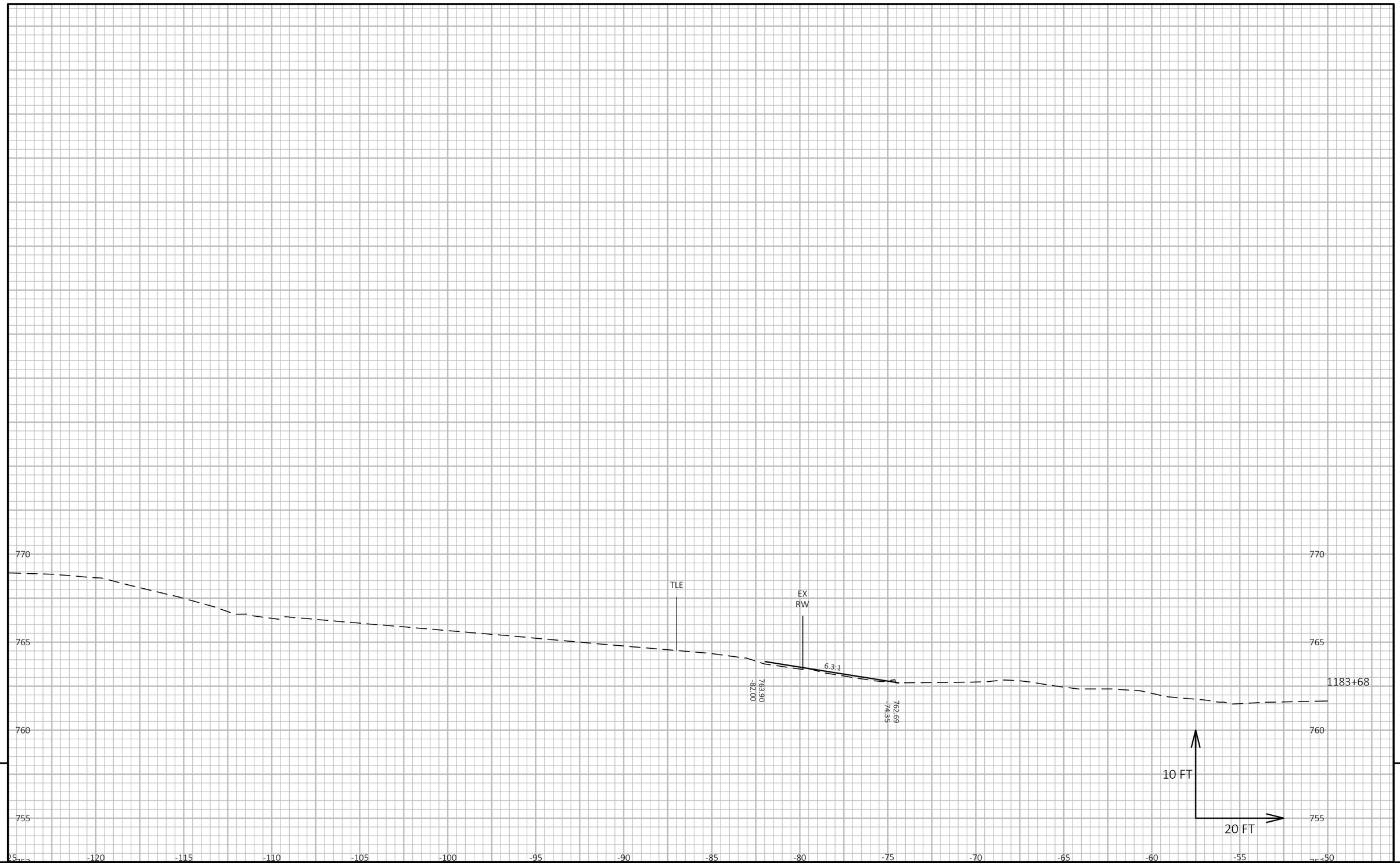
9

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	CROSS SECTIONS: STA 1156+00 TO STA 1159+25	SHEET 540	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - 090208_xs

PLOT DATE : 11/20/2024 3:38 PM PLOT BY : STRASSER, JEFFREY PLOT NAME : PLOT SCALE : 1 IN:5 FT HORZ. / 1 IN:5 FT VERT.

WISDOT/CADDS SHEET 49



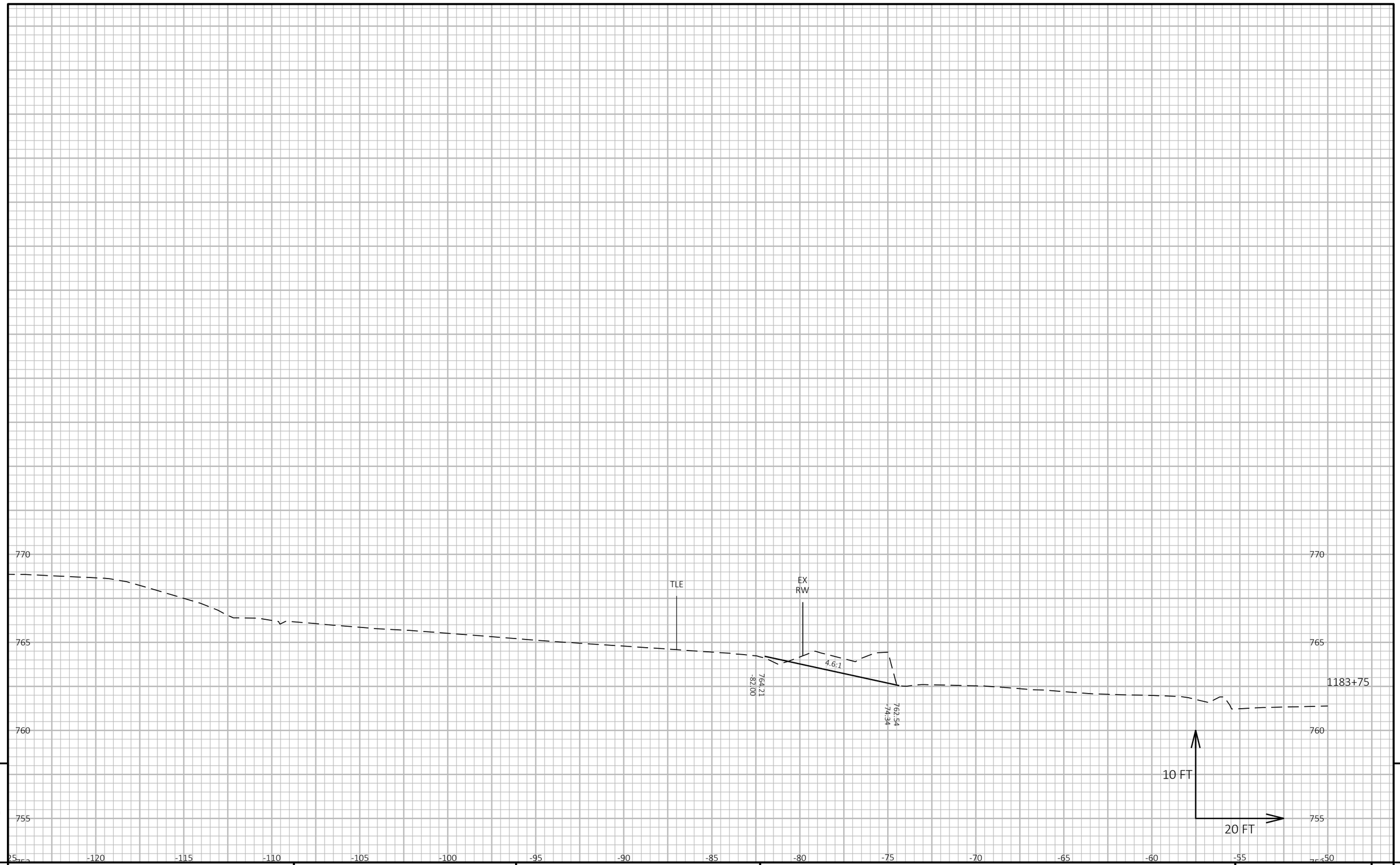
9

9

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	CROSS SECTIONS: STA 1183+68 TO STA 1184+06	SHEET 541	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - 17

PLOT DATE : 11/20/2024 3:38 PM PLOT BY : STRASSER, JEFFREY PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.



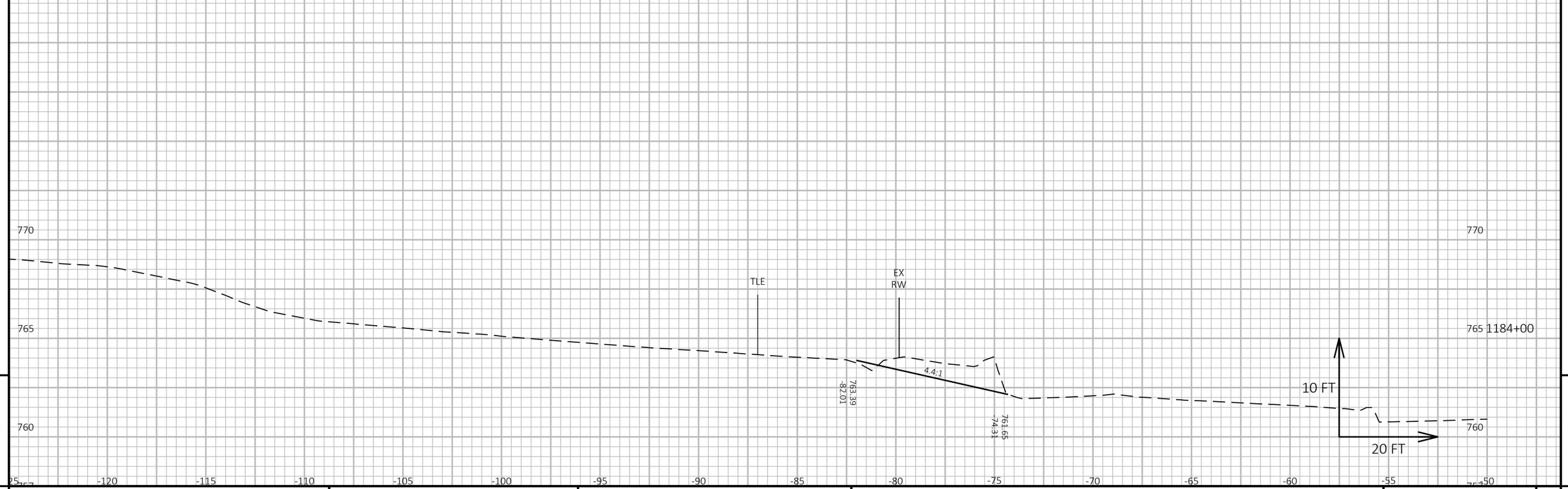
9

9

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	CROSS SECTIONS: STA 1183+68 TO STA 1184+06	SHEET 542	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - 18

PLOT DATE : 11/20/2024 3:38 PM PLOT BY : STRASSER, JEFFREY PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.



9

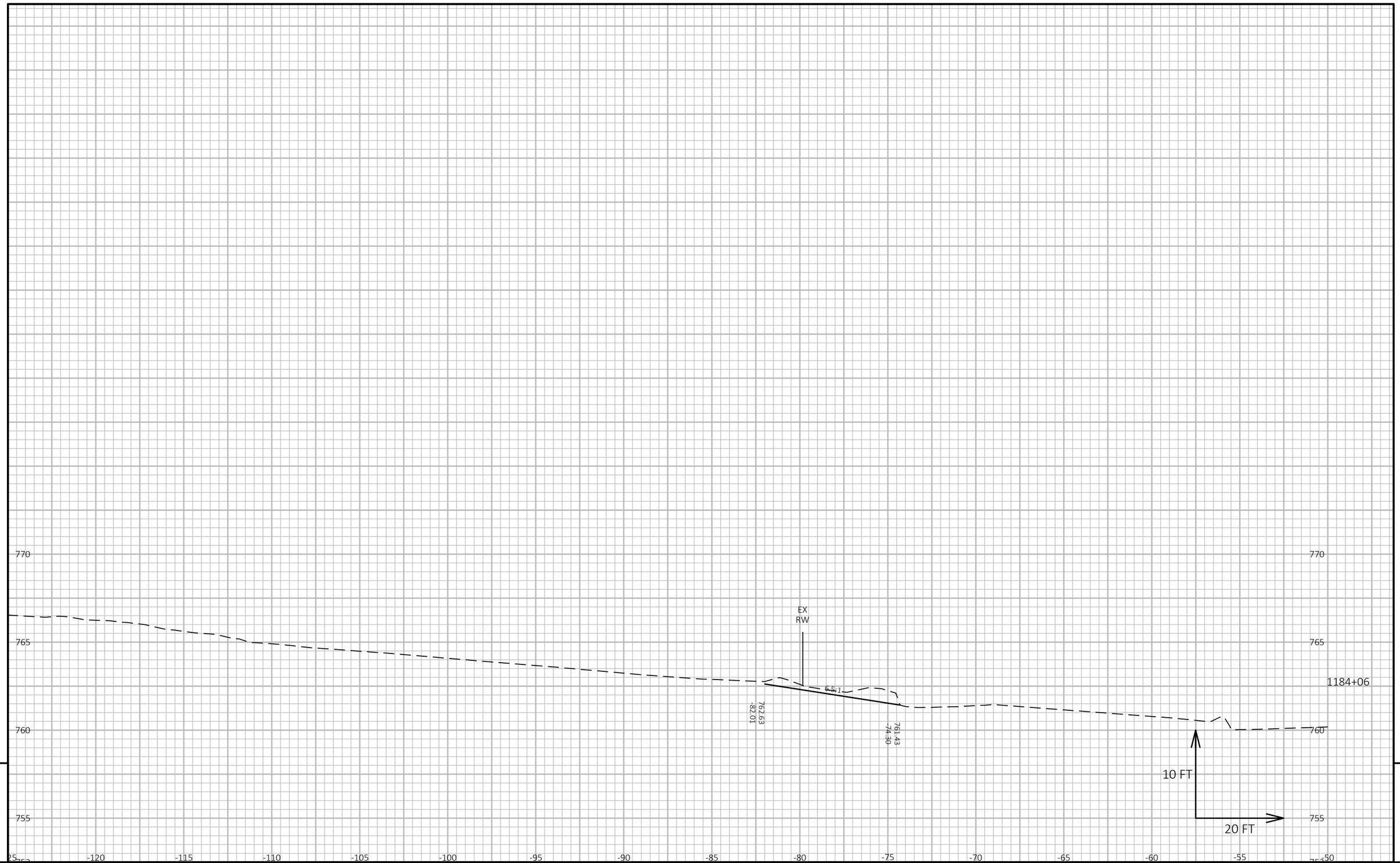
9

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	CROSS SECTIONS: STA 1183+68 TO STA 1184+06	SHEET 543	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - 19

PLOT DATE : 11/20/2024 3:38 PM PLOT BY : STRASSER, JEFFREY PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

9

PROJECT NO: 2265-18-70	HWY: STH 241 (S 27TH ST)	COUNTY: MILWAUKEE	CROSS SECTIONS: STA 1183+68 TO STA 1184+06	SHEET 544	E

FILE NAME : X:\ML\2021\20210241\DESIGN\TRANSPORTATION\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - 20

PLOT DATE : 11/20/2024 3:38 PM PLOT BY : STRASSER, JEFFREY PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.

Notes

Wisconsin Department of Transportation

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