GRE

MARCH 2026

PROJECT ID: 4984-24-75

WITH: N/A

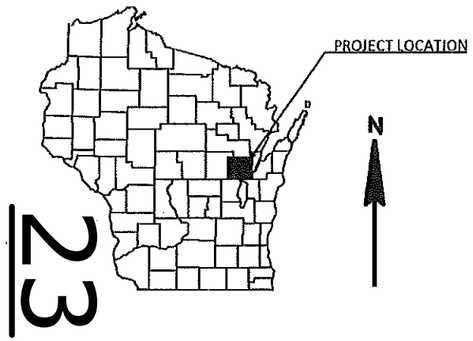
COUNTY: OUTAGAMIE

23

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 = 296



DESIGN DESIGNATION

A.A.D.T.	2026	=	7,800
A.A.D.T.	2046	=	8,500
D.H.V.		=	969
D.D.		=	59/41
T.		=	6.0%
DESIGN SPEED		=	30 MPH
ESALS		=	820,000

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
- 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

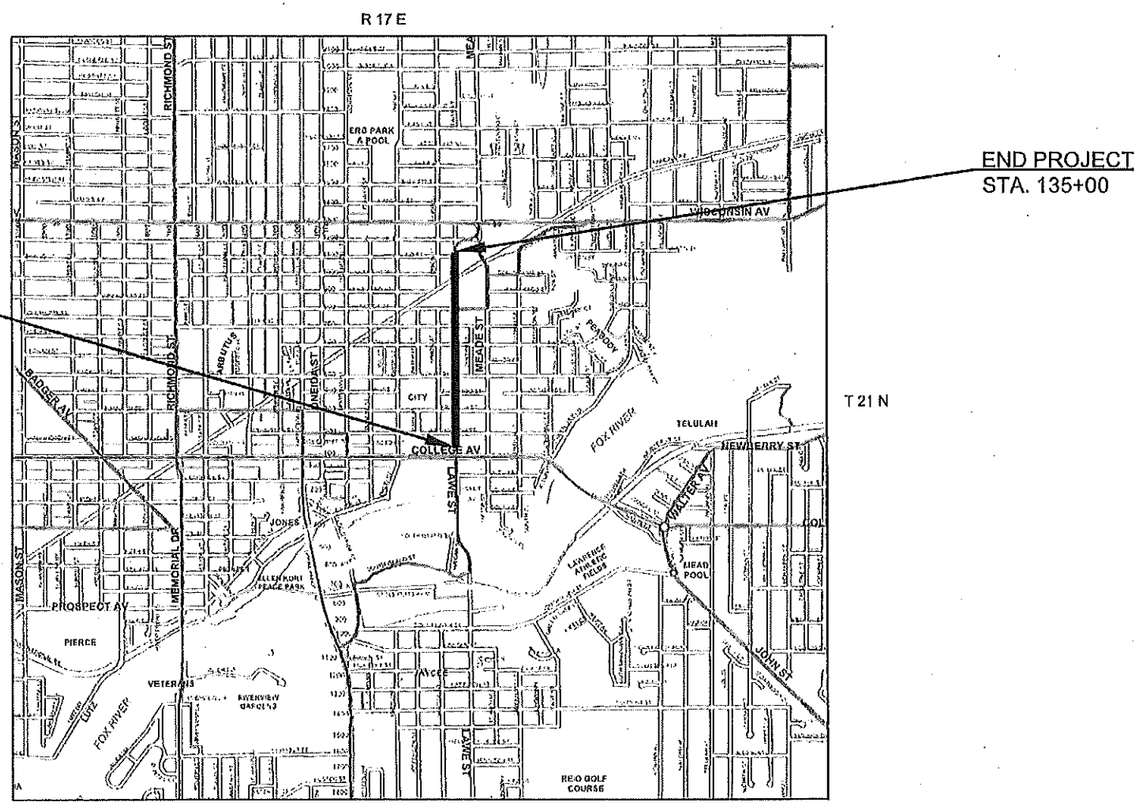
C APPLETON, LAWE STREET

COLLEGE AVENUE TO WISCONSIN AVENUE

LOC STR
OUTAGAMIE COUNTY

STATE PROJECT NUMBER
4984-24-75

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
4984-24-75	WISC2026230	1



LAYOUT

SCALE 0 0.5 MI

TOTAL NET LENGTH OF CENTERLINE = 0.638 MI

HORIZONTAL POSITIONS SHOWN ON THIS PLAN ARE WISCRS COORDINATE REFERENCE SYSTEM (WISCRS), OUTAGAMIE 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 18.

ACCEPTED FOR CITY OF APPLETON

10/21/2025 (DATE) (DIRECTOR OF PUBLIC WORKS)

ORIGINAL PLANS PREPARED BY

AYRES

WISCONSIN ANDREW A. ROWELL E-38296 GREEN BAY WI PROFESSIONAL ENGINEER

10/21/2025 (Date)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PREPARED BY

Surveyor	AYRES
Designer	AYRES
Project Manager	MICHAEL COHEN
Regional Supervisor	KIMBERLY SLEZAK

APPROVED FOR THE DEPARTMENT

DATE: 10/22/25 (Signature)

E

FILE NAME : I:\45\450639 LAWE ST APPLETON\C30\SHEETS\010101-TI.DWG

PLOT DATE : 10/21/2025 8:49 AM PLOT BY : ROWELL, ANDREW PLOT NAME :

UTILITIES CONTACTS

AAMFON
COMMUNICATION LINE
JEFF ZEINERT
1345 NORTH ROAD, SUITE B
GRREEN BAY, WI 54313
PHONE: 920-655-5135
EMAIL: jzeinert@mi-tech.us

AT&T
COMMUNICATION LINE
MIKE DECET
221 WASHINGTON STREET
APPLETON, WI 54911
PHONE: 920-840-4344
EMAIL: md4321@att.com

AT&T TRANSMISSION
COMMUNICATION LINE
KENNETH NINE
110 N. MAIN STREET
CULVER, IN 46511
PHONE: 574-842-8830
EMAIL: knine@jmceainc.com

WE ENERGIES
ELECTRICITY
CHRIS SCHULZ
500 S. 116TH STREET
WEST ALLIS, WI 53214
PHONE: 414-588-6811
EMAIL: chris.schulz1@we-energies.com

CITY OF APPLETON
WATER
ERICK CARDEW
100 N APPLETON STREET
APPLETON, WI 54915
PHONE: 920-419-6214
EMAIL: erick.cardew@appletonwi.gov

LUMEN
COMMUNICATION LINE
RYAN HEIKKILA
6540 SHINGLE CREEK PARKWAY
BROOKLYN CENTER, MN 55430
PHONE: 612-741-2782
EMAIL: ryan.heikkila@lumen.com

SPECTRUM
COMMUNICATION LINE
JODY THIEL
3545 PLANK ROAD
APPLETON, WI 54915
PHONE: 920-831-9258
EMAIL: jody.thiel@charter.com

TDS
COMMUNICATION LINE
STEVE JAKUBIE
325 JUNCTION ROAD
MADISON, WI 53717
PHONE: 920-562-7221
EMAIL: steve.jakubiec@tdstelecom.com

WE ENERGIES
GAS/PETROLEUM
JESUS VICTORIA
800 S LYNNDALE DRIVE
APPLEON, WI 54914
PHONE: 920-380-3314
EMAIL: jesus.victoria@we-energies.com

CITY OF APPLETON
SEWER
SAM BUETOW
2625 E GLENDALE AVENUE
APPLETON, WI 54911
PHONE: 920-832-6483
EMAIL: sam.buetow@appletonWI.gov

WISCONSIN DNR LIAISON

MATT SCHAEVE
NORTHEAST REGIONAL HEADQUARTERS
2984 SHAWANO AVENUE
GREEN BAY, WI 54313
PHONE: 920-366-1544
EMAIL: matthew.schaeve@wisconsin.gov

WISCONSIN DOT DESIGN CONTACT

MICHAEL COHEN
WISCONSIN DOT NE REGION
944 VAN DER PERREN WAY
GREEN BAY, WI 54304
PHONE: 920-360-1476
EMAIL: michael.cohen@dot.wi.gov

DESIGN PROJECT MANAGER

ANDREW ROWELL
AYRES ASSOCIATES
700 PILGRIM WAY, SUITE 180
GREEN BAY, WI 54304
PHONE: 920-327-7846
EMAIL: rowella@ayresassociates.com

CITY OF APPLETON CONTACT

JASON BROWN
CITY OF APPLETON
100 N. APPLETON STREET
APPLETON, WI 54911-4702
PHONE: 920-832-6484
EMAIL: jason.brown@appletonWI.gov

ORDER OF SECTION 2 DETAIL SHEETS

GENERAL NOTES
PROJECT OVERVIEW
TYPICAL SECTIONS
CONSTRUCTION DETAILS

GENERAL NOTES

THE LOCATIONS OF EXISTING AND PROPOSED UTILITY INSTALLATIONS AS SHOWN ON THE PLANS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN.

CONTRACTOR WILL BE RESPONSIBLE FOR RESHAPING AND SEEDING ANY PREVIOUSLY GRASSED AREAS WHICH ARE DISTURBED BY OPERATIONS, OUTSIDE OF THE NORMAL CONSTRUCTION LIMITS.

NO TREES OR SHRUBS ARE TO BE REMOVED WITHOUT THE APPROVAL OF THE ENGINEER.

EROSION CONTROL FEATURES AS SHOWN IN THE PLANS ARE AT APPROXIMATE LOCATIONS. EXACT LOCATIONS WILL BE DETERMINED BY THE CONTRACTOR'S EROSION CONTROL IMPLEMENTATION PLAN (ECIP) AND APPROVED BY THE ENGINEER. MAINTAIN EROSION CONTROL MEASURES UNTIL SUCH A TIME AS THE ENGINEER DETERMINES THE MEASURE IS NO LONGER NECESSARY.

CURVE DATA IS BASED ON THE ARC DEFINITION.

PAVEMENT REMOVAL WILL BE TO THE NEAREST JOINT OR A SAWED EDGE WILL BE REQUIRED AS DIRECTED BY THE ENGINEER.

PIPE AND INLET ELEVATIONS AS SHOWN ON THE PLANS MAY BE ADJUSTED BY THE ENGINEER TO FIT EXISTING FIELD CONDITIONS

SAWCUTS, AS SHOWN ON THE PLANS, ARE SUGGESTED LOCATIONS AND MAY BE ADJUSTED AT THE DISCRETION OF THE ENGINEER TO BETTER SUIT FIELD CONDITIONS.

BEARINGS SHOWN ON THE PLAN ARE TRUE BEARINGS.

EXCAVATION BELOW SUBGRADE (EBS) WILL BE MEASURED AND PAID FOR AS EXCAVATION COMMON. THE LOCATION FOR EBS WILL BE DETERMINED BY THE ENGINEER IN THE FIELD.

THE REMOVAL OF ASPHALTIC DRIVEWAYS WILL BE PAID FOR AS EXCAVATION COMMON.

MAINTAIN DRIVING SURFACE TO ALL PROPERTY OWNERS WITH BASE AGGREGATE DENSE 1 1/4-INCH.

REMOVAL OF ANY MESH OR REINFORCEMENT FOUND IN CONCRETE PAVEMENT SHALL BE INCIDENTAL TO THE REMOVING CONCRETE PAVEMENT ITEM.

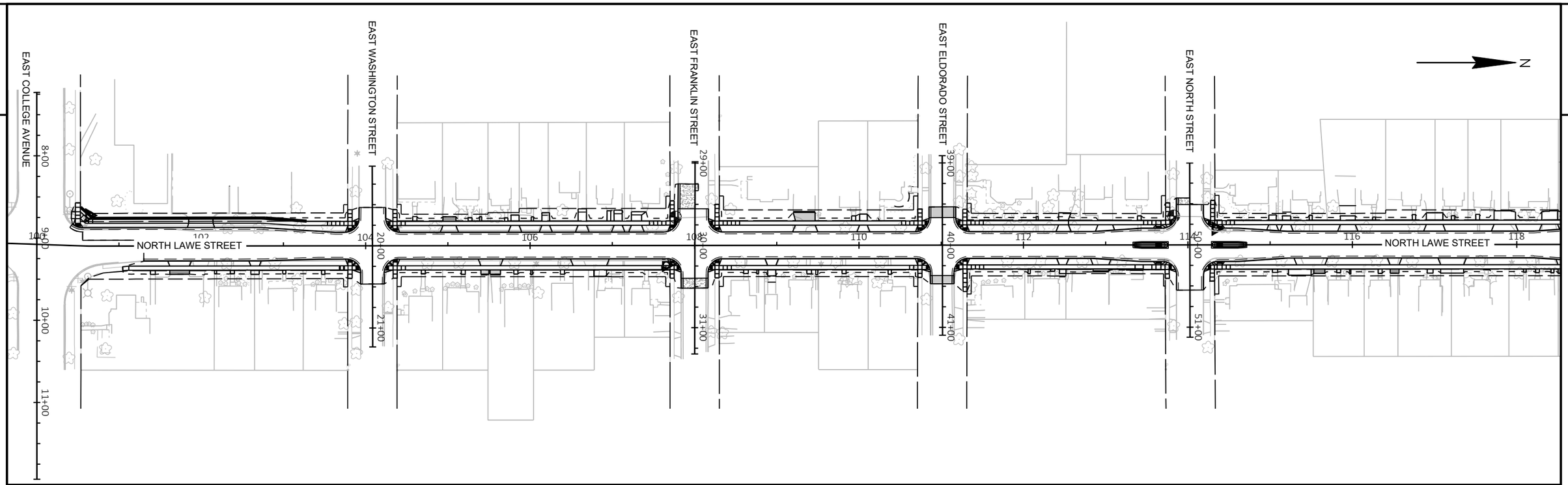
CONSTRUCTION OF PUSH BUTTON FOR BIKES TO BE INSTALLED PER CITY REQUIREMENTS.

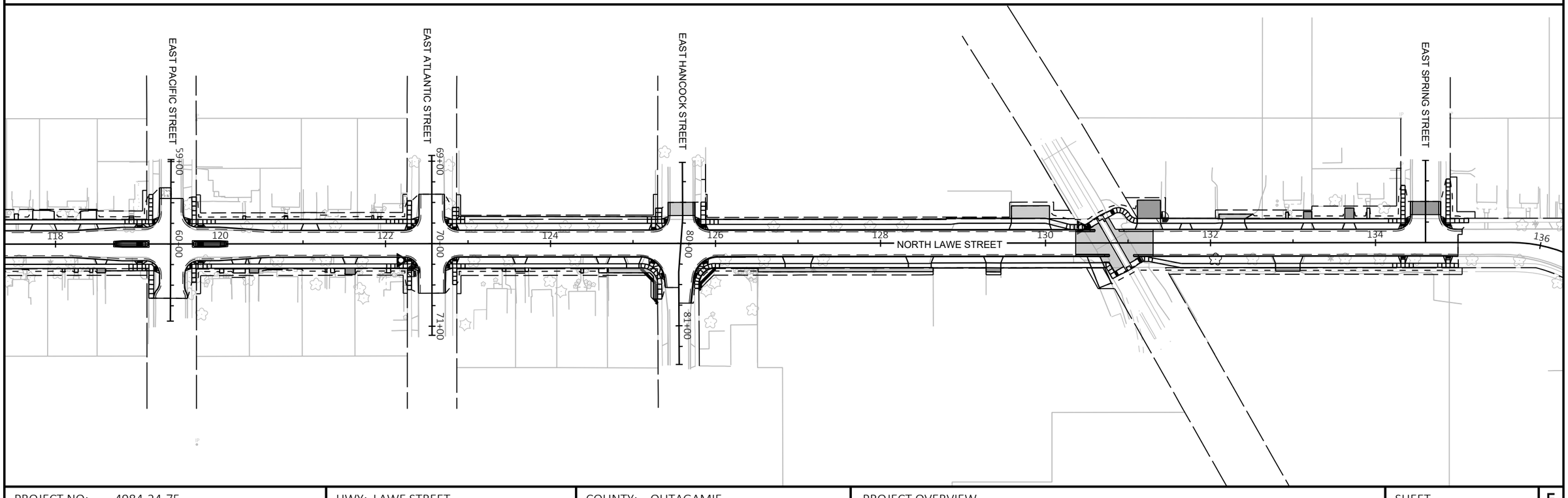
RUNOFF COEFFICIENT TABLE

	HYDROLOGIC SOIL GROUP											
	A			B			C			D		
	SLOPE RANGE (PERCENT)			SLOPE RANGE (PERCENT)			SLOPE RANGE (PERCENT)			SLOPE RANGE (PERCENT)		
LAND USE:	0-2	2-6	6 & OVER	0-2	2-6	6 & OVER	0-2	2-6	6 & OVER	0-2	2-6	6 & OVER
ROW CROPS:	.08 .22	.16 .30	.22 .38	.12 .26	.20 .34	.27 .44	.15 .30	.24 .37	.33 .50	.19 .34	.28 .41	.38 .56
MEDIAN STRIPTURF:	.19 .24	.20 .26	.24 .30	.19 .25	.22 .28	.26 .33	.20 .26	.23 .30	.30 .37	.20 .27	.25 .32	.30 .40
SIDE SLOPETURF:			.25 .32			.27 .34			.28 .36			.30 .38
PAVEMENT:												
ASPHALT:	.70 - .95											
CONCRETE:	.80 - .95											
BRICK:	.70 - .80											
DRIVES, WALKS:	.75 - .85											
ROOFS:	.75 - .95											
GRAVEL ROADS, SHOULDERS:	.40 - .60											

TOTAL PROJECT AREA = 6.88 ACRES
TOTAL AREA EXPECTED TO BE DISTURBED BY CONSTRUCTION ACTIVITIES = 5.63 ACRES

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

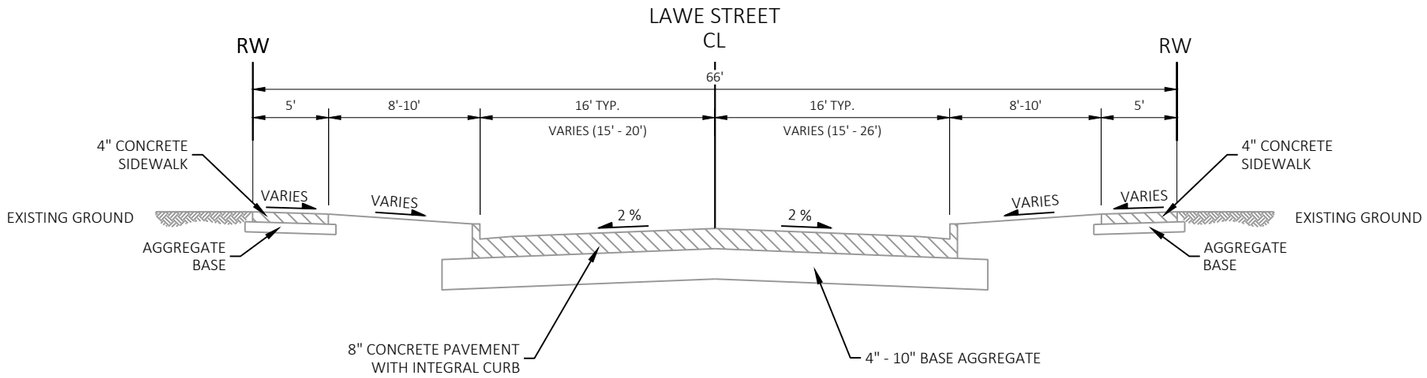




PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	PROJECT OVERVIEW	SHEET 3	E

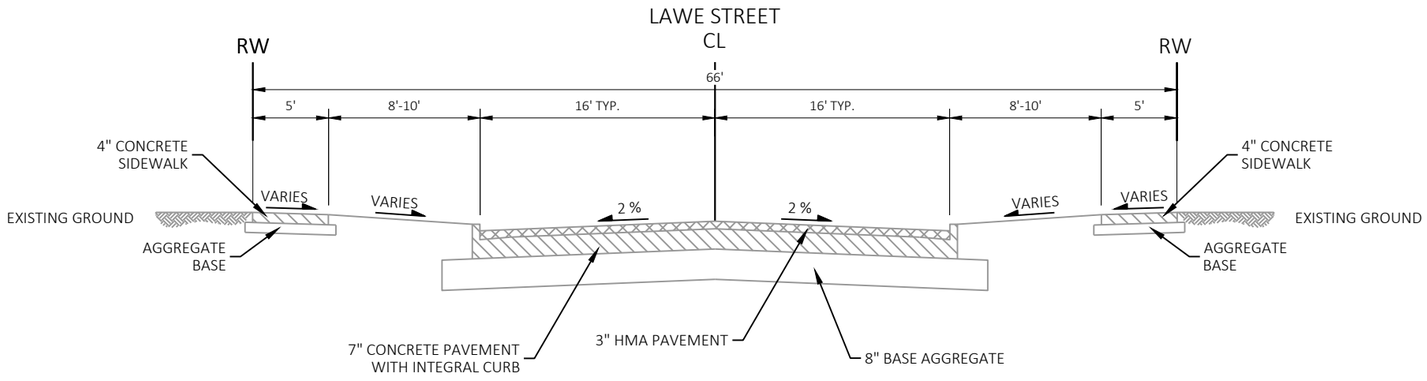
FILE NAME : I:\45\450639 LAWE ST APPLETON\C3D\SHEETS\020201-PO.DWG
LAYOUT NAME - 020201-PO
PLOT DATE : 10/30/2025 12:30 PM PLOT BY : HOSPER, JAN PLOT NAME : PLOT SCALE : 1"=120'
WISDOT/CADDS SHEET 44

2



EXISTING TYPICAL SECTION

STA 100+39.38 - 129+22.38
STA 131+03.20 - 135+00

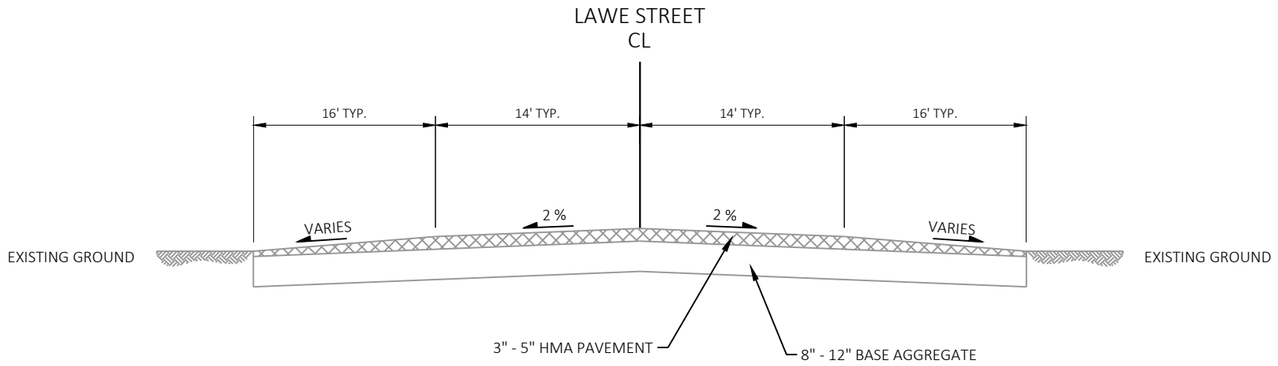


EXISTING TYPICAL SECTION

STA 129+22.38 - 130+56.03

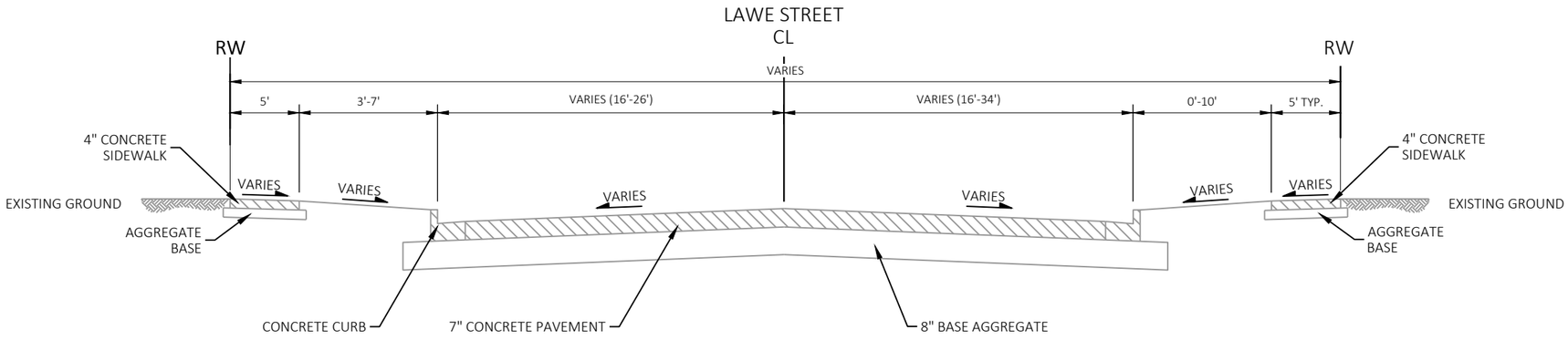
PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	TYPICAL SECTIONS	SHEET 4	E

2



EXISTING TYPICAL SECTION

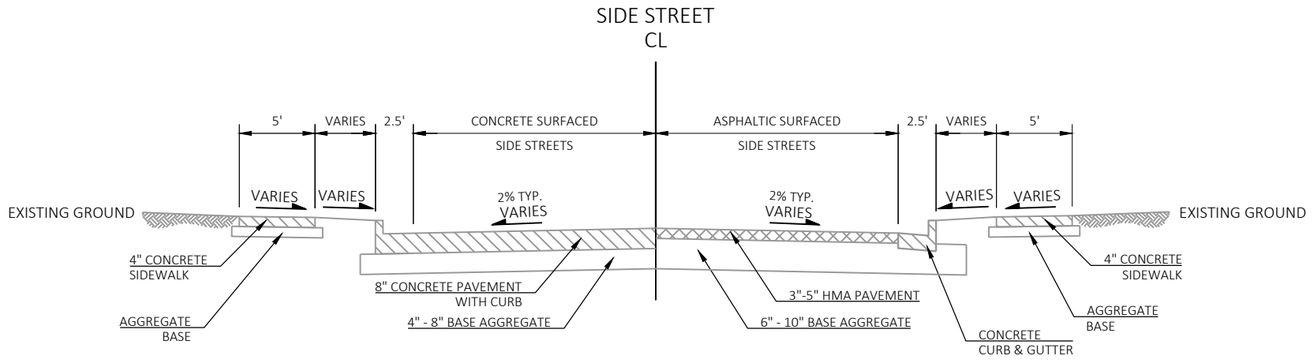
STA 130+56.03 - 131+03.20



EXISTING TYPICAL SECTION

STA 135+00 - 146+04.20

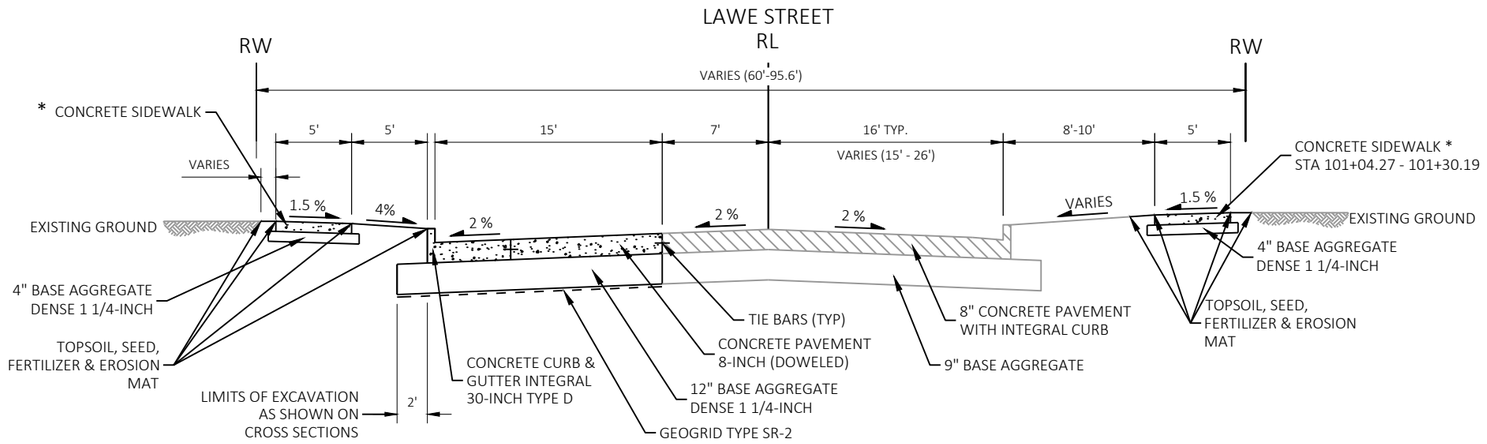
PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	TYPICAL SECTIONS	SHEET 5	E



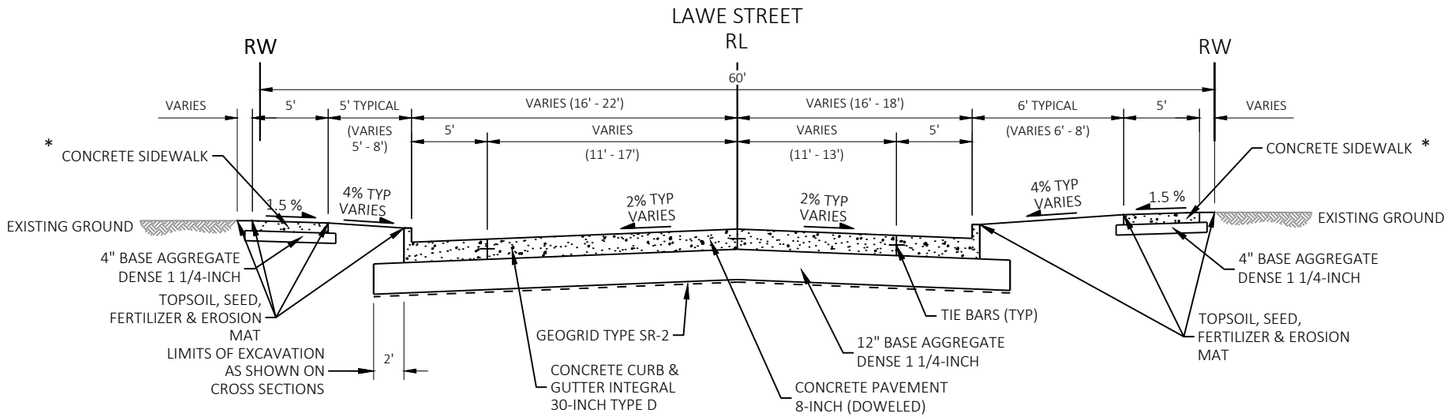
EXISTING TYPICAL SECTION FOR SIDE STREETS

SIDE STREET NAME	STATION - STATION	MATERIAL TYPE	CONCRETE SIDEWALK WIDTH LEFT	TERRACE WIDTH LEFT	ROADWAY WIDTH LEFT	ROADWAY WIDTH RIGHT	TERRACE WIDTH RIGHT	CONCRETE SIDEWALK WIDTH RIGHT
EAST WASHINGTON STREET	19+53.46 - 20+46.47	CONCRETE	5.0'	8.6' - 10.6'	11.8' - 13.9'	12.2' - 13.9'	8.3' - 10.3'	5.0'
EAST FRANKLIN STREET	29+55.50 - 30+39.95	CONCRETE	5.0'	8.0' - 8.3'	13.7' - 13.9'	14.4' - 18.4'	4.4' - 8.2'	5.0'
EAST ELDORADO STREET	39+53.50 - 39+69.81	ASPHALT	5.0'	8.5' - 10.7'	11.7' - 13.9'	12.4' - 13.9'	8.1' - 10.0'	5.0'
	39+69.81 - 40+30.49	CONCRETE						
	40+30.49 - 40+46.95	ASPHALT						
EAST NORTH STREET	49+50.94 - 50+55	CONCRETE	5.0'	7.7' - 8.6'	14.0' - 14.2'	13.9' - 14.1'	7.9' - 8.4'	5.0'
EAST PACIFIC STREET	59+44.71 - 60+65.79	CONCRETE	5.0'	8.5' - 10.4'	12.5' - 18.3'	11.6' - 18.0'	0.0' - 7.7'	5.0'
EAST ATLANTIC STREET	69+40 - 70+60	CONCRETE	5.0' - 8.1'	8.7' - 9.5'	12.8' - 13.9'	13.4' - 14.1'	8.3' - 8.8'	5.0'
EAST HANCOCK STREET	79+50 - 79+71.23	ASPHALT	6.0'	7.0'	12.5'	15.3'	7.4'	7.5'
	79+71.23 - 80+72.53	CONCRETE	5.0'	1.6' - 2.2'	12.4' - 15.7'	14.1' - 15.2'	0.0' - 4.0'	5.0'
EAST SPRING STREET	89+50 - 89+70.74	ASPHALT	5.0'	6.3'	16.1'	15.9'	6.3'	5.0'

* CONCRETE SIDEWALK 4-INCH IN TYPICAL SIDEWALK AREAS
CONCRETE DRIVEWAY 5-INCH IN RESIDENTIAL DRIVEWAYS
CONCRETE DRIVEWAY 7-INCH IN COMMERCIAL DRIVEWAYS



FINISHED TYPICAL SECTION
STA 100+39.38 - 101+30.19

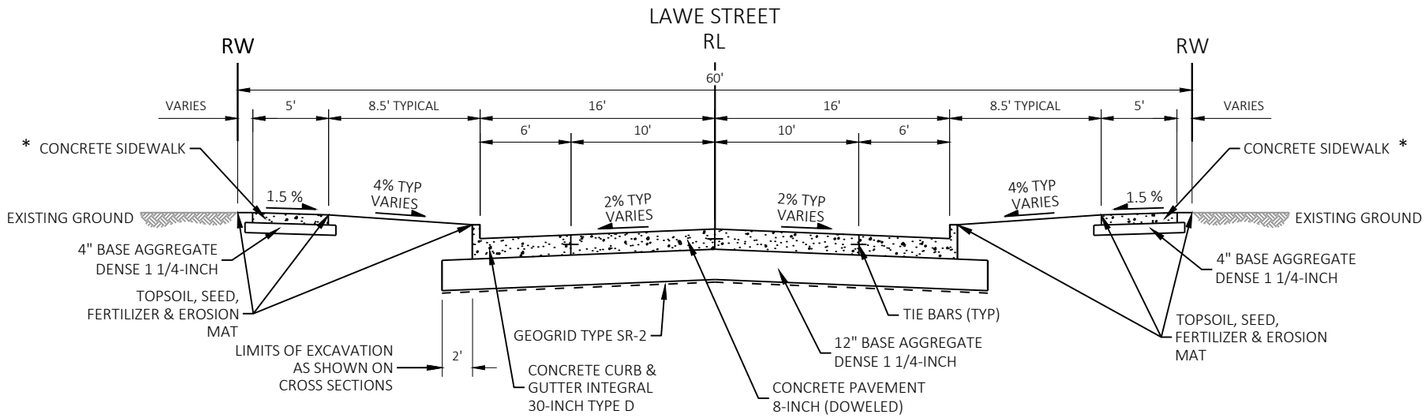


FINISHED TYPICAL SECTION
STA 101+30.19 - 103+63.21

PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	TYPICAL SECTIONS	SHEET 7	E

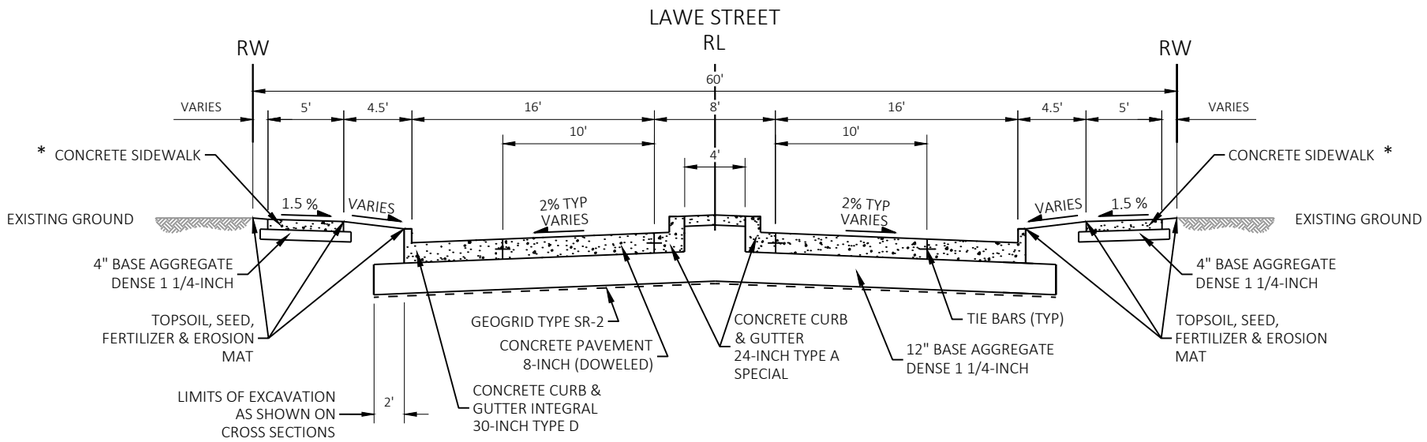
*

CONCRETE SIDEWALK 4-INCH IN TYPICAL SIDEWALK AREAS
CONCRETE DRIVEWAY 5-INCH IN RESIDENTIAL DRIVEWAYS
CONCRETE DRIVEWAY 7-INCH IN COMMERCIAL DRIVEWAYS



FINISHED TYPICAL SECTION

STA 103+63.21 - 113+33.19
STA 113+76.24 - 114+28.55
STA 114+71.59 - 118+70.35
STA 119+13.40 - 119+65.70
STA 120+08.75 - 130+36.55
STA 131+30.41 - 135+00

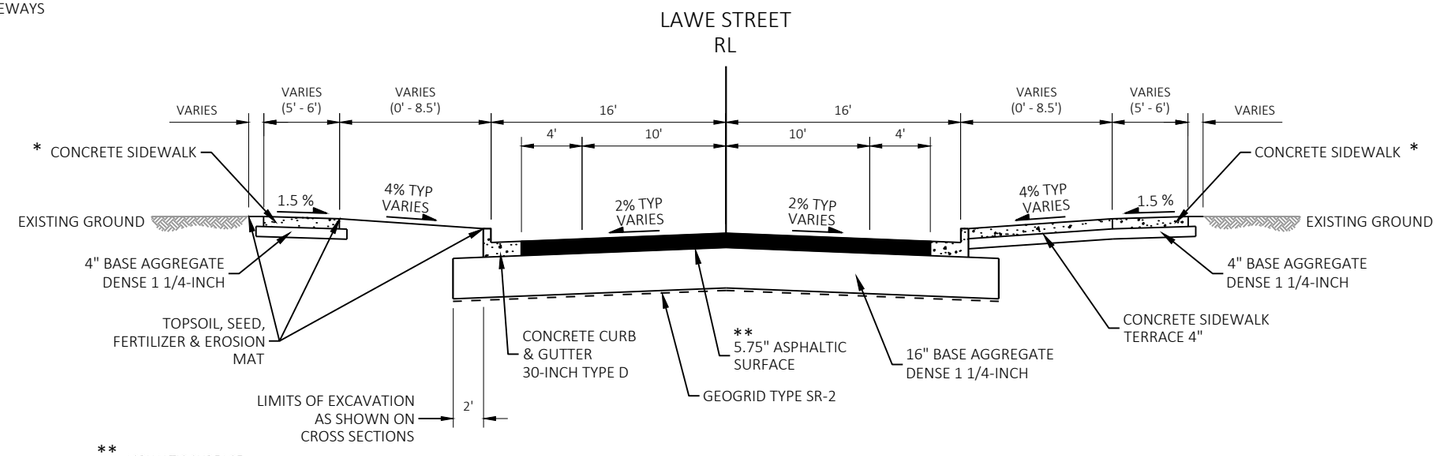


FINISHED TYPICAL SECTION

STA 113+33.19 - 113+76.24
STA 114+28.55 - 114+71.59
STA 118+70.35 - 119+13.40
STA 119+65.70 - 120+08.75

2

* CONCRETE SIDEWALK 4-INCH IN TYPICAL SIDEWALK AREAS
CONCRETE DRIVEWAY 5-INCH IN RESIDENTIAL DRIVEWAYS
CONCRETE DRIVEWAY 7-INCH IN COMMERCIAL DRIVEWAYS



** ASPHALTIC SURFACE
3.25" LOWER LAYER
2.5" UPPER LAYER

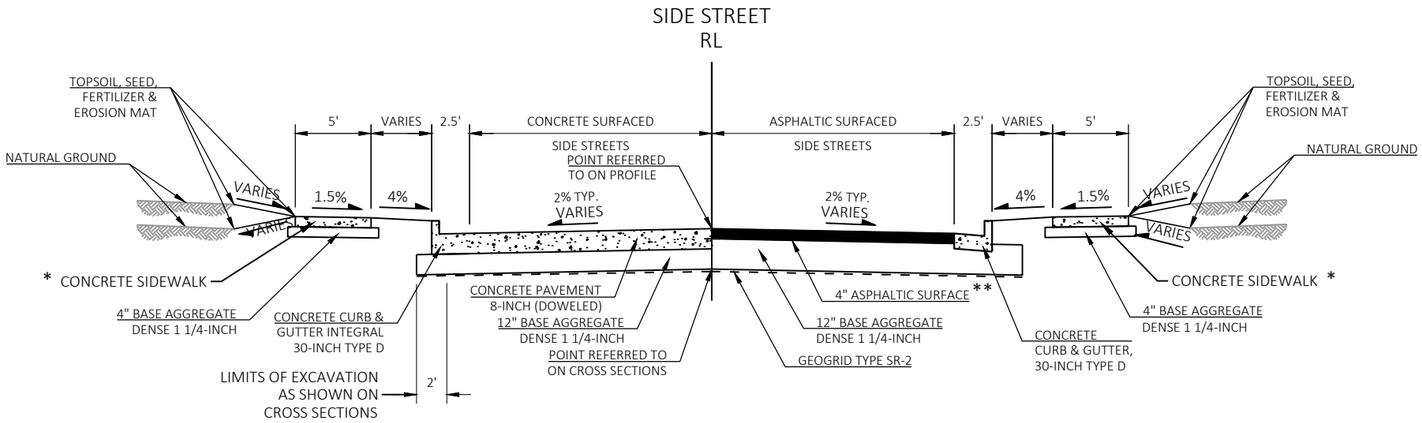
FINISHED TYPICAL SECTION

STA 130+36.55 - 130+60.01 LT
STA 130+89.11 - 131+30.41 LT
STA 130+36.55 - 130+77.50 RT
STA 131+06.59 - 131+30.41 RT

PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	TYPICAL SECTIONS	SHEET 9	E

FILE NAME : I:\45\450639 LAWE ST APPLETON\C3D\SHEETS\020301-TS.DWG
LAYOUT NAME - 020306-ts
PLOT DATE : 1/27/2026 12:09 PM PLOT BY : HOSPER, JAN PLOT NAME : PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

* CONCRETE SIDEWALK 4-INCH IN TYPICAL SIDEWALK AREAS
CONCRETE DRIVEWAY 5-INCH IN RESIDENTIAL DRIVEWAYS
CONCRETE DRIVEWAY 7-INCH IN COMMERCIAL DRIVEWAYS

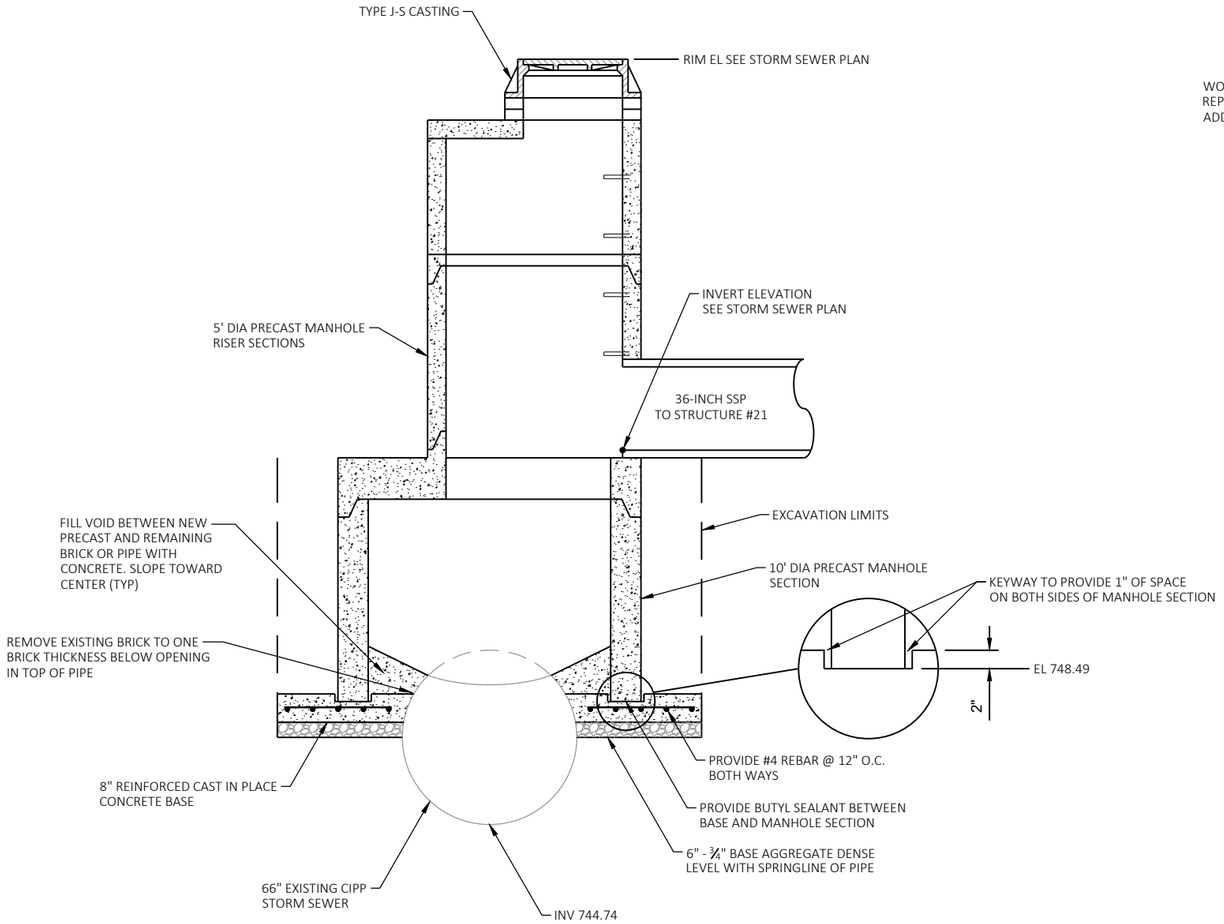


** ASPHALTIC SURFACE
2.25" LOWER LAYER
1.75" UPPER LAYER

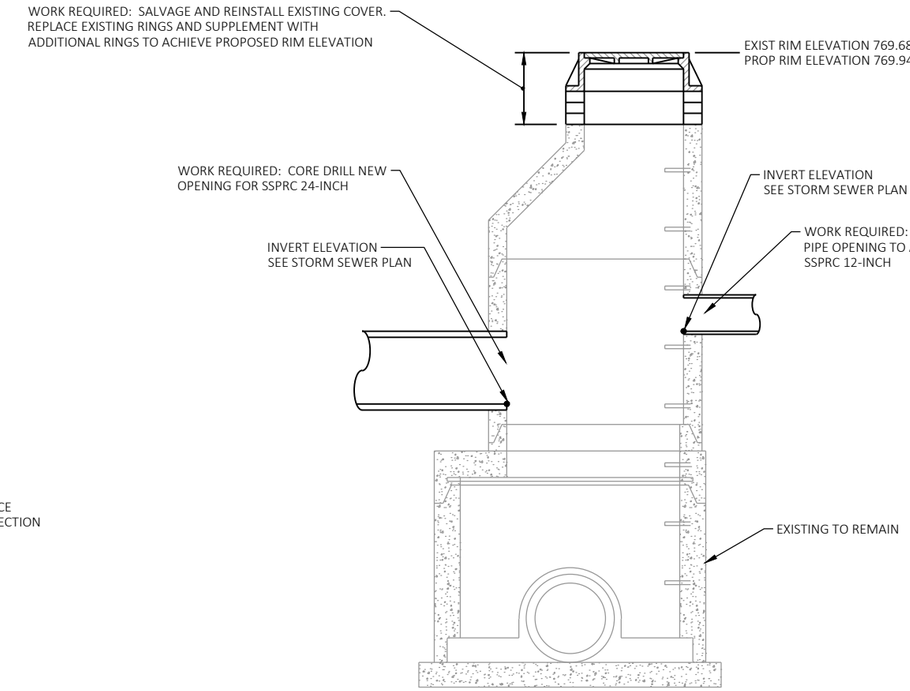
FINISHED TYPICAL SECTION FOR SIDE STREETS

SIDE STREET NAME	STATION - STATION	MATERIAL TYPE	CONCRETE SIDEWALK WIDTH LEFT	TERRACE WIDTH LEFT	ROADWAY WIDTH LEFT	ROADWAY WIDTH RIGHT	TERRACE WIDTH RIGHT	CONCRETE SIDEWALK WIDTH RIGHT
EAST WASHINGTON STREET	19+53.46 - 20+46.47	CONCRETE	5.0'	8.6' - 10.6'	11.8' - 13.9'	12.2' - 13.9'	8.3' - 10.3'	5.0'
EAST FRANKLIN STREET	29+55.50 - 30+39.95	CONCRETE	5.0'	8.0' - 8.3'	13.7' - 13.9'	14.4' - 18.4'	4.4' - 8.2'	5.0'
EAST ELDORADO STREET	39+53.50 - 39+66.50	ASPHALT	5.0'	8.5' - 10.7'	11.7' - 13.9'	12.4' - 13.9'	8.1' - 10.0'	5.0'
	39+66.50 - 40+36.95	CONCRETE						
	40+36.95 - 40+46.95	ASPHALT						
EAST NORTH STREET	49+50.94 - 50+55	CONCRETE	5.0'	7.7' - 8.6'	14.0' - 14.2'	13.9' - 14.1'	7.9' - 8.4'	5.0'
EAST PACIFIC STREET	59+44.71 - 60+65.79	CONCRETE	5.0'	8.5' - 10.4'	12.5' - 18.3'	11.1' - 18.0'	0.0' - 7.7'	5.0'
EAST ATLANTIC STREET	69+40 - 70+60	CONCRETE	5.0' - 8.1'	8.7' - 9.5'	12.8' - 13.9'	13.4' - 14.1'	8.3' - 8.8'	5.0'
EAST HANCOCK STREET	79+50 - 79+66	ASPHALT	6.0'	7.0'	12.5'	15.3'	7.4'	7.5'
	79+66 - 80+72.53	CONCRETE	5.0'	1.6' - 2.2'	12.4' - 15.7'	14.1' - 15.2'	3.5' - 4.0'	5.0'
EAST SPRING STREET	89+50 - 89+66	ASPHALT	5.0'	6.3'	16.1'	15.9'	6.3'	5.0'

2

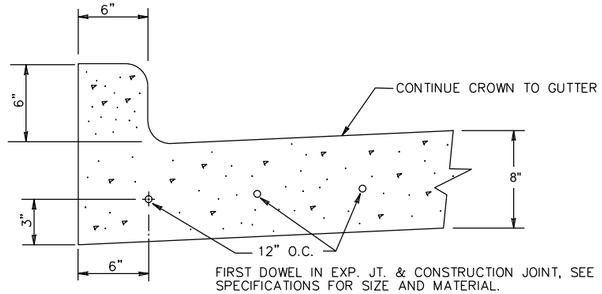


DOGHOUSE MANHOLE RECONSTRUCTION
STRUCTURE #20
NOT TO SCALE



STRUCTURE #34 RECONSTRUCTION
NOT TO SCALE

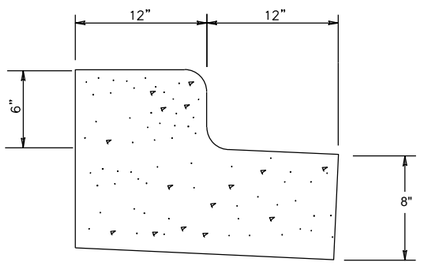
PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	CONSTRUCTION DETAILS	SHEET 11	E



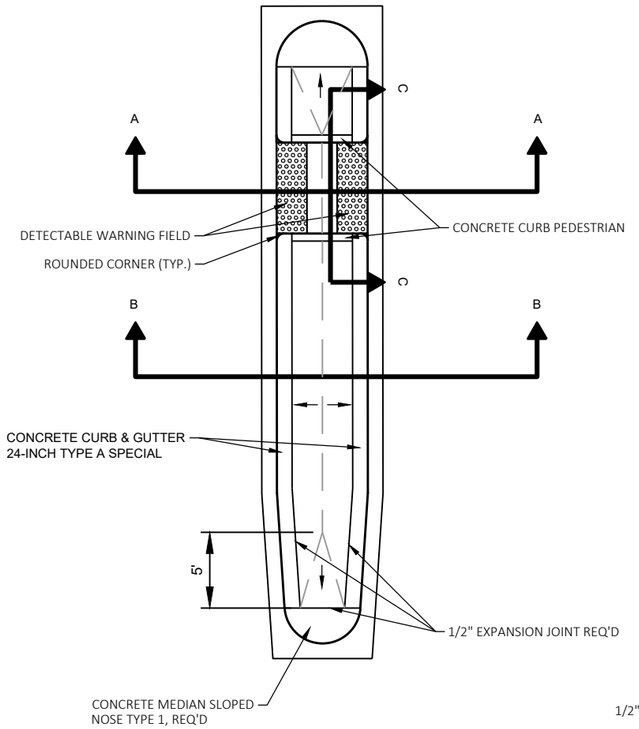
CURB JOINTS TO MATCH PAVEMENT JOINTS.

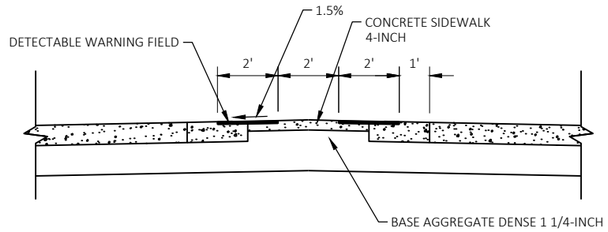
NOTE:
1–1/2" LIP AT DRIVEWAYS.

INTEGRAL CURB DETAIL
NOT TO SCALE

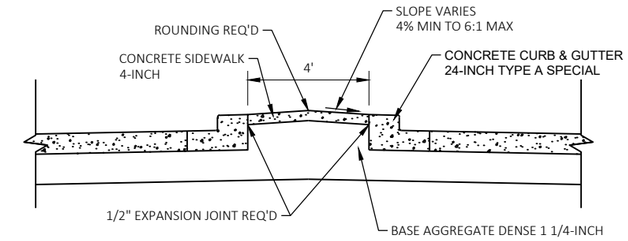


CONCRETE CURB & GUTTER 24-INCH TYPE A SPECIAL DETAIL
NOT TO SCALE

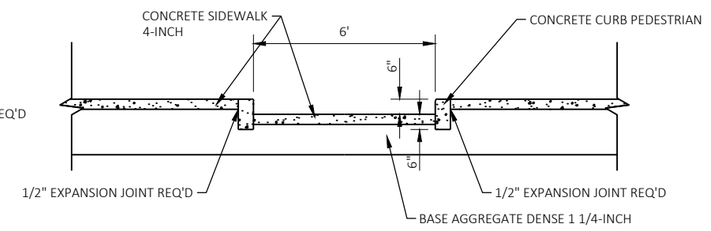




SECTION A-A



SECTION B-B

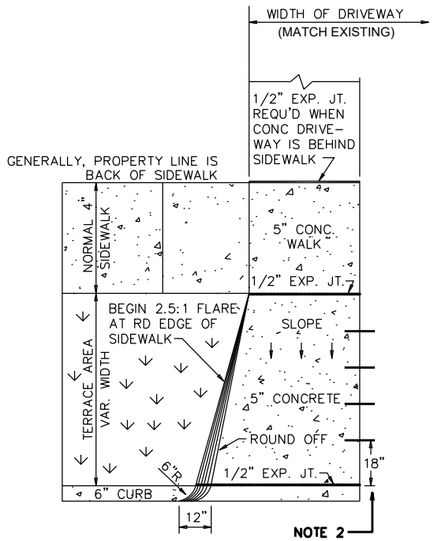


SECTION C-C

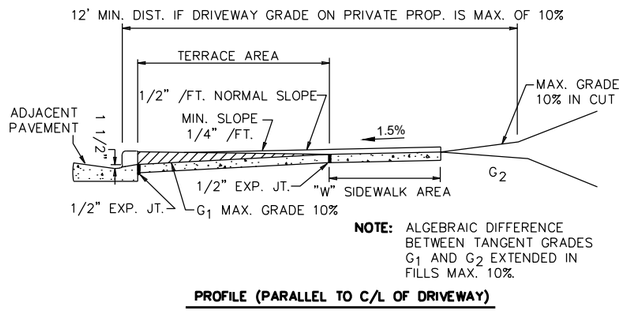
NOTE: INSTALL TRANSITION NOSE.
(INCIDENTAL TO OTHER PAY ITEMS.)
DO NOT MARK TRANSITION NOSE.

DRAINAGE BREAK POINT
DIRECTION OF DRAINAGE

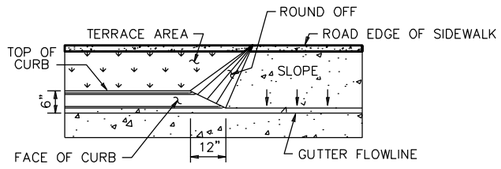
MEDIAN CURB RAMP DETAIL
NOT TO SCALE



PLAN



PROFILE (PARALLEL TO C/L OF DRIVEWAY)



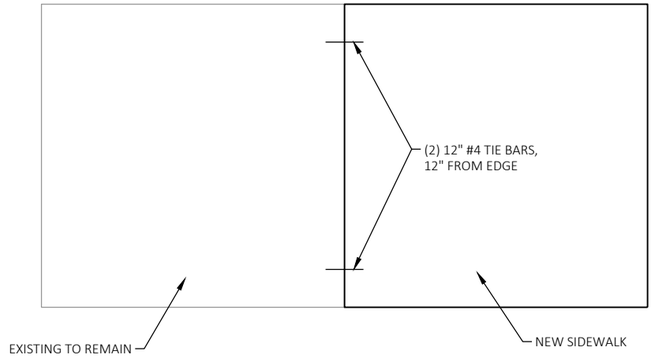
PROFILE (PARALLEL TO C/L OF ROADWAY)

NOTES:

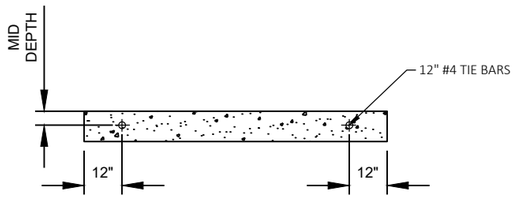
1.) WHERE G_1 EXCEEDS 10% MAXIMUM GRADE, SIDEWALKS ACROSS DRIVEWAYS SHALL BE CONSTRUCTED USING THE FOLLOWING GUIDE IN ORDER SHOWN.
(1.) CONSTRUCT WITH A MAXIMUM CROSS-SLOPE OF 1/2" PER FOOT.

2.) ON PARTIAL DRIVEWAY APRON RECONSTRUCTIONS USE 12" – #4 TIE BARS. (MINIMUM OF 4 TIE BARS – EVENLY SPACED)

DRIVEWAY DETAILS
NOT TO SCALE

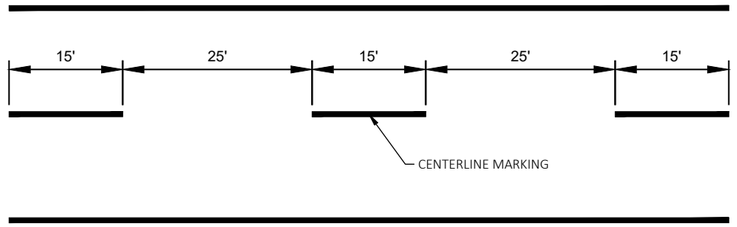


PLAN VIEW

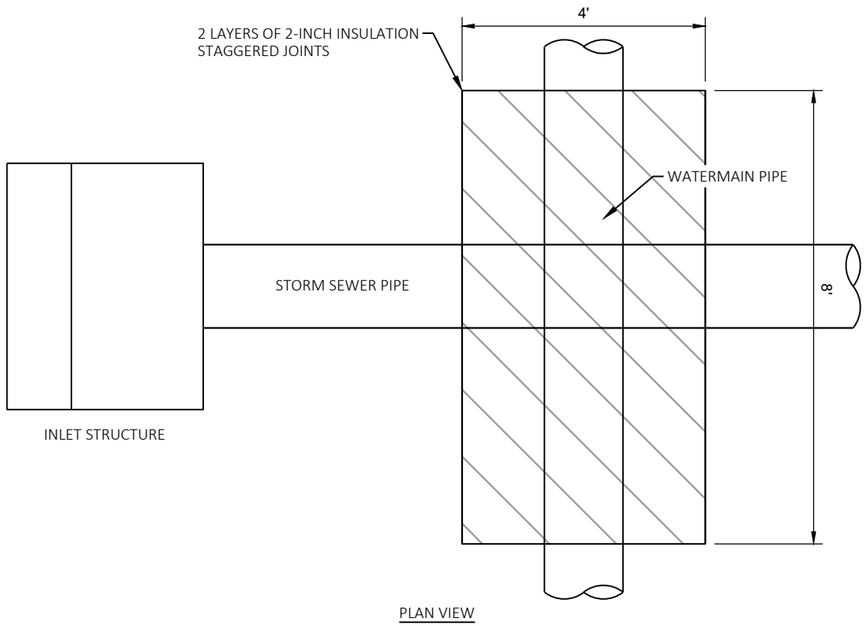


PROFILE VIEW

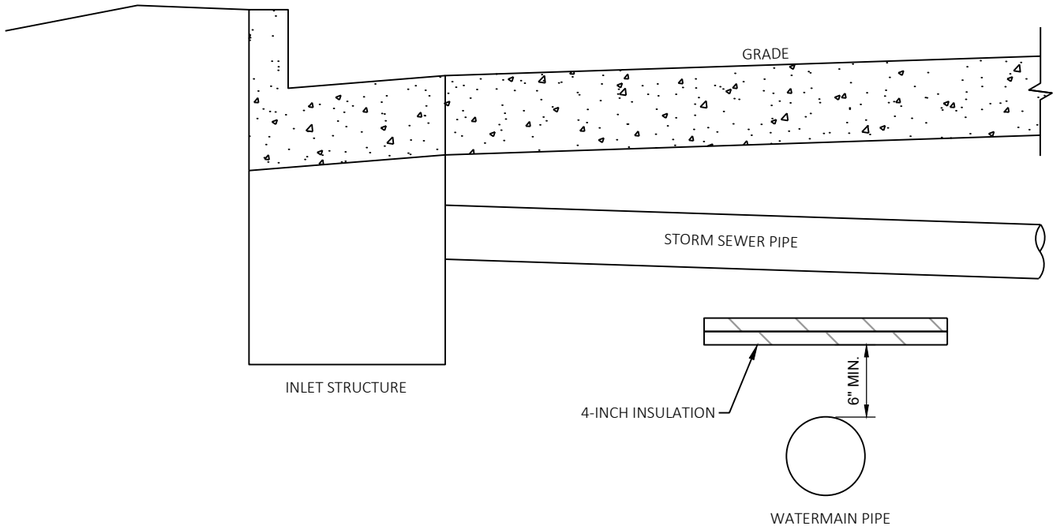
TIE BARS IN SIDEWALK
NOT TO SCALE



PAVEMENT MARKING CENTERLINE
NOT TO SCALE

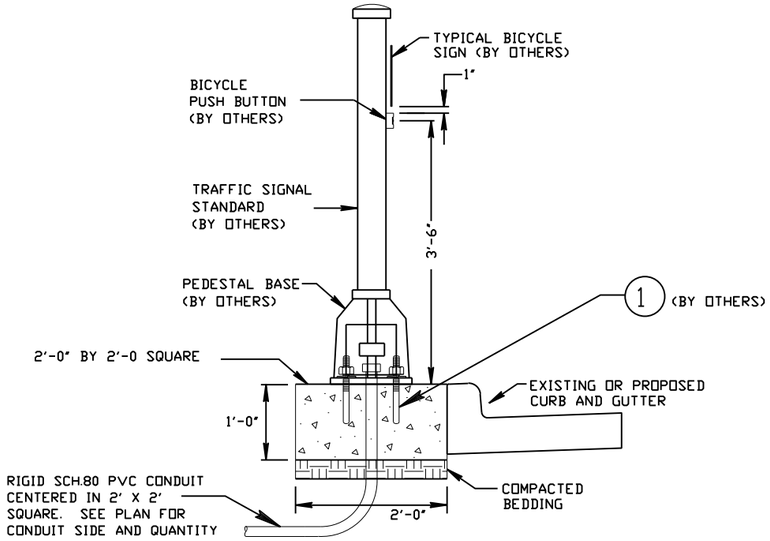


PLAN VIEW

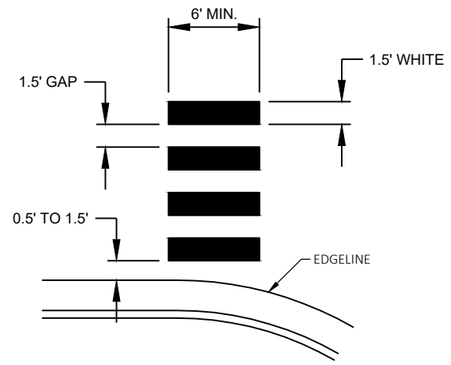


PROFILE VIEW

UTILITY TRENCH INSULATION
NOT TO SCALE

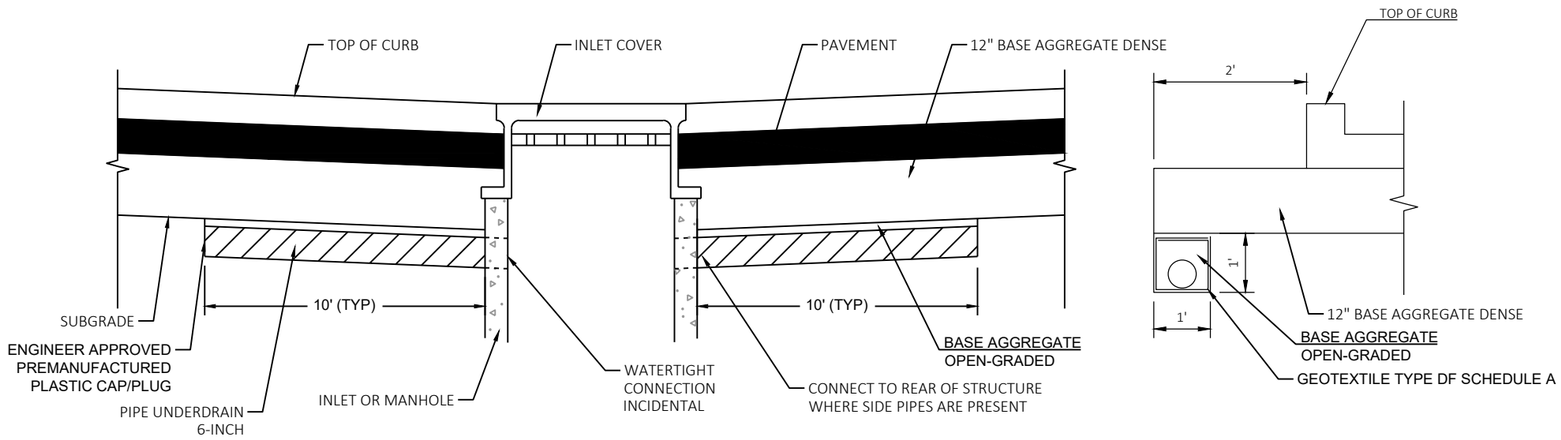


PUSH BUTTON STATION BASE DETAIL
NOT TO SCALE



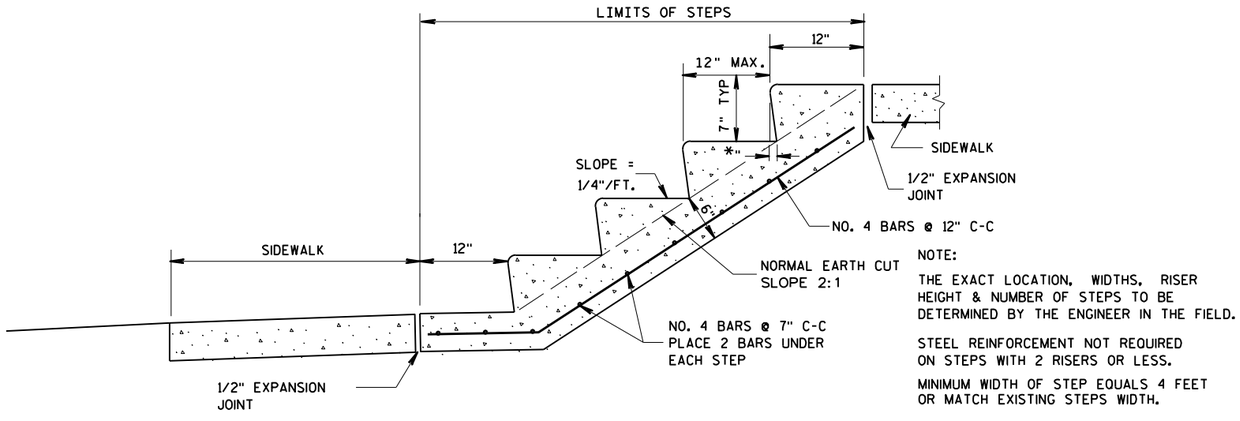
MARKING CROSSWALK EPOXY BLOCK STYLE 18-INCH
NOT TO SCALE

2



PIPE UNDERDRAIN DETAIL

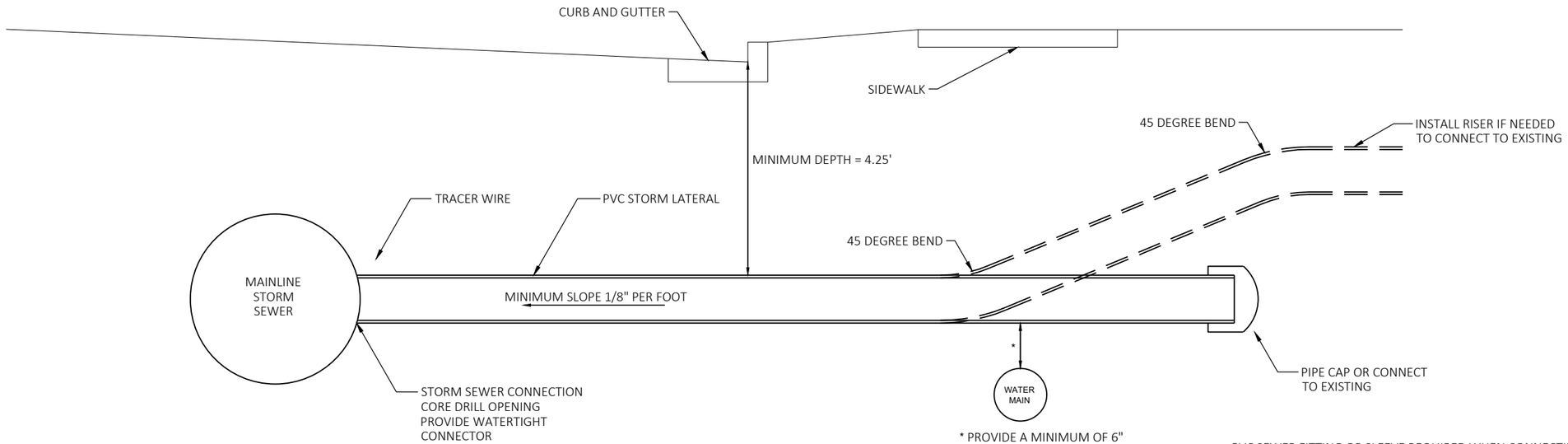
(SEE MISCELLANEOUS QUANTITIES FOR LOCATIONS)
NOT TO SCALE



CONCRETE STEPS DETAIL

STA 120+79
NOT TO SCALE

2



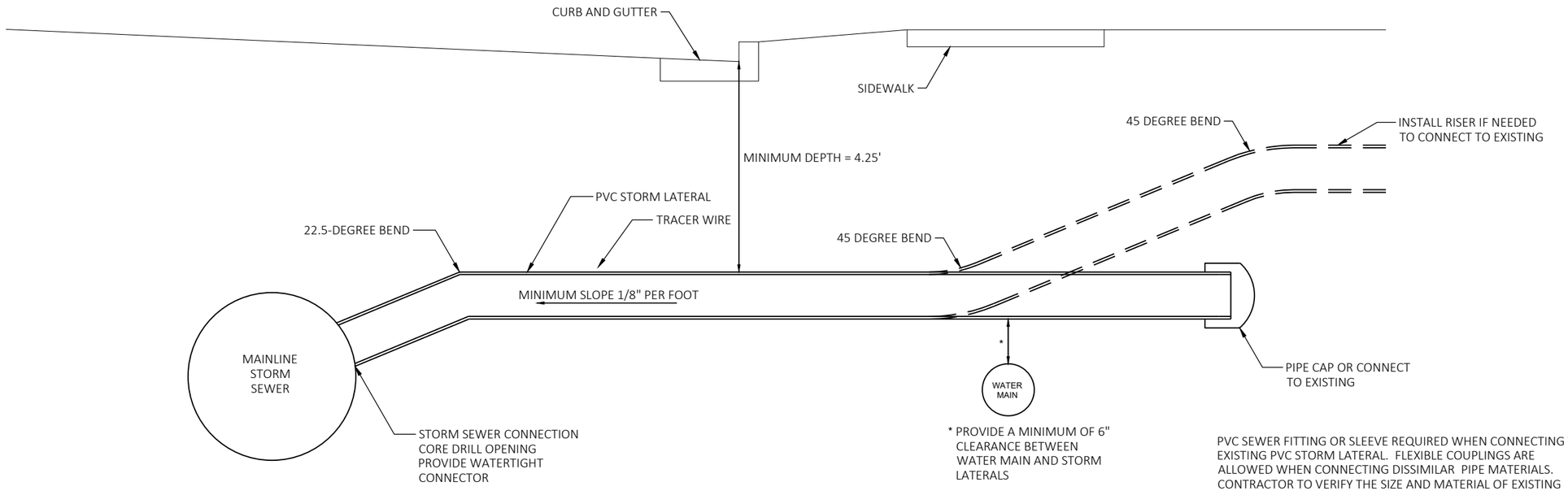
EXACT STORM SEWER LATERAL FIELD TAP ELEVATION TO BE DETERMINED IN THE FIELD.

LIMIT STORM SEWER LATERAL PENETRATION INTO THE STORM SEWER TO 1" MAX.

* PROVIDE A MINIMUM OF 6" CLEARANCE BETWEEN WATER MAIN AND STORM LATERALS

PVC SEWER FITTING OR SLEEVE REQUIRED WHEN CONNECTING TO EXISTING PVC STORM LATERAL. FLEXIBLE COUPLINGS ARE ALLOWED WHEN CONNECTING DISSIMILAR PIPE MATERIALS. CONTRACTOR TO VERIFY THE SIZE AND MATERIAL OF EXISTING LATERALS. USE A REDUCER WHEN CONNECTING DISSIMILAR PIPE SIZES.

STORM SEWER LATERAL STANDARD INSTALLATION



EXACT STORM SEWER LATERAL FIELD TAP ELEVATION TO BE DETERMINED IN THE FIELD.

LIMIT STORM SEWER LATERAL PENETRATION INTO THE STORM SEWER TO 1" MAX.

* PROVIDE A MINIMUM OF 6" CLEARANCE BETWEEN WATER MAIN AND STORM LATERALS

PVC SEWER FITTING OR SLEEVE REQUIRED WHEN CONNECTING TO EXISTING PVC STORM LATERAL. FLEXIBLE COUPLINGS ARE ALLOWED WHEN CONNECTING DISSIMILAR PIPE MATERIALS. CONTRACTOR TO VERIFY THE SIZE AND MATERIAL OF EXISTING LATERALS. USE A REDUCER WHEN CONNECTING DISSIMILAR PIPE SIZES.

STORM SEWER LATERAL INSTALLATION WITH RISER

2

2

N

EAST COLLEGE AVENUE

EAST WASHINGTON STREET

NORTH LAWE STREET

PROPOSED R/W

EXISTING R/W

TLE LINE

27"

15"

MATCH LINE STA. 106+00

STORM REMOVALS LEGEND

REMOVING STORM SEWER 12" UNLESS NOTED

REMOVING MANHOLES

REMOVING INLETS

PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	STORM SEWER REMOVALS	SHEET 17	E

2

2

N

MATCH LINE STA. 106+00

MATCH LINE STA. 112+00

NORTH LAWE STREET

EAST FRANKLIN STREET

EAST ELDORADO STREET

107+00

108+00

109+00

110+00

111+00

29+00

39+00

31+00

41+00

TLE LINE

EXISTING R/W

15"

21"

24"

27"

STORM REMOVALS LEGEND

REMOVING STORM SEWER 12" UNLESS NOTED

REMOVING MANHOLES

REMOVING INLETS

PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	STORM SEWER REMOVALS	SHEET 18	E

FILE NAME : I:\45\450639 LAWE ST APPLETON\C3D\SHEETS\021101-RM.DWG
LAYOUT NAME - 021102-rm

PLOT DATE : 10/30/2025 12:32 PM PLOT BY : HOSPER, JAN PLOT NAME : PLOT SCALE : 1" = 40'

WISDOT/CADDS SHEET 42

2

2

N

MATCH LINE STA. 112+00

MATCH LINE STA. 118+00

NORTH LAWE STREET

NORTH LAWE STREET

EAST NORTH STREET

EAST NORTH STREET

TLE LINE

EXISTING R/W

EXISTING R/W

TLE LINE

EXISTING R/W

TLE LINE

15"

113+00

114+00

115+00

116+00

117+00

118

STORM REMOVALS LEGEND

REMOVING STORM SEWER 12" UNLESS NOTED

REMOVING MANHOLES

REMOVING INLETS

PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	STORM SEWER REMOVALS	SHEET 19	E

FILE NAME : I:\45\450639 LAWE ST APPLETON\C3D\SHEETS\021101-RM.DWG
LAYOUT NAME - 021103-rm

PLOT DATE : 10/30/2025 12:32 PM PLOT BY : HOSPER, JAN PLOT NAME : PLOT SCALE : 1" = 40'

WISDOT/CADDS SHEET 42

2

N

MATCH LINE STA. 118+00

EAST PACIFIC STREET

59+00

EAST ATLANTIC STREET

69+00

71+00

NORTH LAWE STREET

118+00

119+00

120+00

121+00

122+00

123+00

124+00

MATCH LINE STA. 124+00

TLE LINE

EXISTING R/W

ABANDON STRUCTURE

ABANDON STORM SEWER 15"

8"

15"

18"

24"

PARTIAL REMOVAL. SEE DETAIL FOR PROPOSED STRUCTURE 20

STORM REMOVALS LEGEND

REMOVING STORM SEWER 12" UNLESS NOTED

REMOVING MANHOLES

REMOVING INLETS

PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	STORM SEWER REMOVALS	SHEET 20	E

FILE NAME : I:\45\450639 LAWE ST APPLETON\C3D\SHEETS\021101-RM.DWG
LAYOUT NAME - 021104-rm

PLOT DATE : 10/30/2025 12:32 PM PLOT BY : HOSPER, JAN PLOT NAME : PLOT SCALE : 1" = 40'

WISDOT/CADDS SHEET 42

2

N

MATCH LINE STA. 124+00

MATCH LINE STA. 130+00

NORTH LAWE STREET

EAST HANCOCK STREET

ABANDON STRUCTURE

ABANDON STORM SEWER 15"

ABANDON STORM SEWER 12"

ABANDON STRUCTURE

ABANDON STRUCTURE

ABANDON STRUCTURE

ABANDON STORM SEWER 12"

TLE LINE

EXISTING R/W

PROP R/W

8"

18"

GRAVEL PE

CON PE

124+00

125+00

126+00

127+00

128+00

129+00

130+00

81+00

STORM REMOVALS LEGEND

REMOVING STORM SEWER 12" UNLESS NOTED

REMOVING MANHOLES

REMOVING INLETS

PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	STORM SEWER REMOVALS	SHEET 21	E

FILE NAME : I:\45\450639 LAWE ST APPLETON\C3D\SHEETS\021101-RM.DWG
LAYOUT NAME - 021105-rm

PLOT DATE : 10/30/2025 12:32 PM PLOT BY : HOSPER, JAN PLOT NAME : PLOT SCALE : 1" = 40'

2

2

N

MATCH LINE STA. 130+00

130+00

131+00

132+00

133+00

134+00

135+00

136+00

NORTH LAWE STREET

NORTH LAWE STREET

EAST SPRING STREET

TLE LINE

EXISTING R/W

EXISTING R/W

TLE LINE

GRAVEL PE

GRAVEL PE

ASPH PE

ASPH PE

SIGN

SIGN

SIGN

SIGN

POST

GUY

STORM REMOVALS LEGEND

REMOVING STORM SEWER 12" UNLESS NOTED

REMOVING MANHOLES

REMOVING INLETS

PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	STORM SEWER REMOVALS	SHEET 22	E

FILE NAME : I:\45\450639 LAWE ST APPLETON\C3D\SHEETS\021101-RM.DWG
LAYOUT NAME - 021106-rm

PLOT DATE : 10/30/2025 12:32 PM PLOT BY : HOSPER, JAN PLOT NAME : PLOT SCALE : 1" = 40'

WISDOT/CADDS SHEET 42

2

2

CONSTRUCTION LIMIT
STA 100+39.38

CONSTRUCTION LIMITS
STA 19+53.46
Y=562,640.849
X=829,905.800

EAST COLLEGE AVENUE

EAST WASHINGTON STREET

N89°51'43"E

PI 100+62.94

R/W

CS04

CS07

SLOPE INTERCEPTS

CG01

TLE LINE

EXISTING R/W

TV CABLE (APPROXIMATE LOCATION)

GRAVEL PE

NORTH LAWE STREET

N1°53'49"E

N0°03'43"W

BEGIN PROJECT
STA 101+30.19
Y=562,362.869
X=829,952.641

CP08

AT&T

MATCH LINE STA. 106+00

STA 104+08.29 R/L NORTH LAWE STREET =
STA 20+00.00 R/L EAST WASHINGTON STREET
Y=562,640.971
X=829,952.340

GAS PIPELINE
(APPROXIMATE LOCATION)

CONSTRUCTION LIMIT
STA 20+46.47

CAUTION

TDS FIBER OPTIC

ASPH PE

CON PE

LEGEND

AS04	ASPHALTIC SURFACE 4-INCH	CPC	CONCRETE PEDESTRIAN CURB
AS05	ASPHALTIC SURFACE 5.75-INCH	CS04	CONCRETE SIDEWALK 4-INCH
CP08	CONCRETE PAVEMENT 8-INCH	CS07	CONCRETE SIDEWALK 7-INCH
CG01	CONCRETE CURB & GUTTER INTEGRAL 30-INCH TYPE D	XXXXX	SAW CUT ASPHALT
CG02	CONCRETE CURB & GUTTER 30-INCH TYPE D	YYYYY	SAW CUT CONCRETE
CG03	CONCRETE CURB & GUTTER 24-INCH TYPE A SPECIAL	X	TREE TO BE GRUBBED
CG04	CONCRETE CURB & GUTTER 30-INCH TYPE A		

NOTE: ALL DRIVEWAYS ARE 5-INCH UNLESS OTHERWISE NOTED.

PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	PLAN DETAILS	SHEET 23	E

2

N

CONSTRUCTION LIMITS
STA 29+25.00
Y=563,033.266
X=829,876.915

EAST FRANKLIN STREET
29+00
S89°53'20"E

CP08
CONCRETE PAVEMENT REPLACEMENT AREA
CG04
LUMEN FIBER OPTIC
EXISTING R/W
TV CABLE (APPROXIMATE LOCATION)
SLOPE INTERCEPTS
TLE LINE
CON PE
20'
16'
CG01
ASPH PE
CS04
MATCH EXISTING
CONSTRUCTION LIMITS
STA 39+53.50
Y=563,334.001
X=829,905.089
EAST ELDORADO STREET
39+00
N89°53'49"E
AS04
CG02
TDS FIBER OPTIC
14'

MATCH LINE STA. 106+00

106+00
NORTH LAWE STREET
N0°03'43"W
107+00
108+00
109+00
110+00
111+00
112

MATCH LINE STA. 112+00

CAUTION
GAS PIPELINE (APPROXIMATE LOCATION)

STA 108+00.44 R/L NORTH LAWE STREET =
STA 30+00.00 R/L EAST FRANKLIN STREET
Y=563,033.120
X=829,951.915

CONSTRUCTION LIMIT
STA 30+52.00

STA 111+01.43 R/L NORTH LAWE STREE
STA 40+00.00 R/L EAST ELDORADO STR
Y=563,334.112
X=829,951.586

CONSTRUCTION LIMIT
STA 40+46.95

EAST FRANKLIN STREET
31+00
S89°53'20"E

EAST ELDORADO STREET
41+00
N89°53'49"E

LEGEND

AS04	ASPHALTIC SURFACE 4-INCH	CPC	CONCRETE PEDESTRIAN CURB
AS05	ASPHALTIC SURFACE 5.75-INCH	CS04	CONCRETE SIDEWALK 4-INCH
CP08	CONCRETE PAVEMENT 8-INCH	CS07	CONCRETE SIDEWALK 7-INCH
CG01	CONCRETE CURB & GUTTER INTEGRAL 30-INCH TYPE D	XXXXX	SAW CUT ASPHALT
CG02	CONCRETE CURB & GUTTER 30-INCH TYPE D	ΔΔΔΔΔ	SAW CUT CONCRETE
CG03	CONCRETE CURB & GUTTER 24-INCH TYPE A SPECIAL	X	TREE TO BE GRUBBED
CG04	CONCRETE CURB & GUTTER 30-INCH TYPE A		

NOTE: ALL DRIVEWAYS ARE 5-INCH UNLESS OTHERWISE NOTED.

PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	PLAN DETAILS	SHEET 24	E

2

N

CONSTRUCTION LIMITS
STA 49+42.94
Y=563,635.069
X=829,894.208

EAST NORTH STREET
N89°51'03"E

CP08
CONCRETE PAVEMENT REPLACEMENT AREA
CG04
LUMEN FIBER OPTIC
EXISTING R/W
TLE LINE
16'
16'
CONCRETE MEDIAN SLOPE NOSE
SLOPE INTERCEPTS
CG01
TDS FIBER OPTIC
CS04
MATCH LINE STA. 112+00
NORTH LAWE STREET N0°03'43"W
113+00
STA 113+33.19
STA 113+76.24
CG03
STA 114+28.55
114+00
115+00
116+00
117+00
118
MATCH LINE STA. 118+00
STA 114+71.59
16'
REMOVING FENCE
STA 114+02.39 R/L NORTH LAWE STREET =
STA 50+00.00 R/L EAST NORTH STREET
Y=563,635.071
X=829,951.263
CONSTRUCTION LIMIT
STA 50+55.00
CAUTION
GAS PIPELINE
(APPROXIMATE LOCATION)

LEGEND

AS04	ASPHALTIC SURFACE 4-INCH	CPC	CONCRETE PEDESTRIAN CURB
AS05	ASPHALTIC SURFACE 5.75-INCH	CS04	CONCRETE SIDEWALK 4-INCH
CP08	CONCRETE PAVEMENT 8-INCH	CS07	CONCRETE SIDEWALK 7-INCH
CG01	CONCRETE CURB & GUTTER INTEGRAL 30-INCH TYPE D	XXXXX	SAW CUT ASPHALT
CG02	CONCRETE CURB & GUTTER 30-INCH TYPE D	ΔΔΔΔΔ	SAW CUT CONCRETE
CG03	CONCRETE CURB & GUTTER 24-INCH TYPE A SPECIAL	X	TREE TO BE GRUBBED
CG04	CONCRETE CURB & GUTTER 30-INCH TYPE A		

NOTE:ALL DRIVEWAYS ARE 5-INCH UNLESS OTHERWISE NOTED.

PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	PLAN DETAILS	SHEET 25	E

FILE NAME : I:\45\450639 LAWE ST APPLETON\C3D\SHEETS\021201-PD.DWG
LAYOUT NAME - 021203-pd
PLOT DATE : 10/30/2025 12:35 PM PLOT BY : HOSPER, JAN PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

2

N

CONSTRUCTION LIMITS
STA 59+31.71
Y=564,172.557
X=829,882.395

EAST PACIFIC STREET
S89°43'28"E 00+65

CP08
CG04
EXISTING R/W
CONCRETE MEDIAN SLOPE NOSE
CONCRETE STEP REQ'D.
TLE LINE
CS04
14'
15'
CG03
STA 119+13.40
STA 119+65.70
NORTH LAWE STREET
118+00
119+00
120+00
STA 118+70.35
STA 120+08.75
N0°03'43"W
121+00
122+00
123+00
124+00
16'
CP08
MATCH LINE STA. 118+00
MATCH LINE STA. 124+00

CONCRETE PAVEMENT
REPLACEMENT AREA
REMOVING FENCE
TDS FIBER OPTIC
CONCRETE
STEP REQ'D.
MATCH INTO
RETAINING WALL
MATCH EXISTING DRIVEWAY
AND SIDEWALK
CG01
SLOPE
INTERCEPTS

CONSTRUCTION LIMITS
STA 69+40.00
Y=564,488.792
X=829,890.338

EAST ATLANTIC STREET
N89°54'15"E 00+69
15'
15'
ABANDONING WELLS
EXISTING R/W

XXXX
TLE LINE
EXISTING R/W
GAS PIPELINE
(APPROXIMATE LOCATION)
CAUTION
CS04
TERRACE
13'
17'
20'
20'
EAST PACIFIC STREET
S89°43'28"E

STA 119+39.55 R/L NORTH LAWE STREET =
STA 60+00.00 R/L EAST PACIFIC STREET
Y=564,172.228
X=829,950.681

CONSTRUCTION LIMIT
STA 60+65.79

TDS FIBER
OPTIC
CG01
CS04
EXISTING R/W
SLOPE
INTERCEPTS
ASPH
PE
16'
16'
EAST ATLANTIC STREET
N89°54'15"E 71+00

STA 122+56.21 R/L NORTH LAWE STREET =
STA 70+00.00 R/L EAST ATLANTIC STREET
Y=564,488.892
X=829,950.338

CONSTRUCTION LIMIT
STA 70+60.00

TDS FIBER
OPTIC
EXISTING R/W

LEGEND

AS04	ASPHALTIC SURFACE 4-INCH	CPC	CONCRETE PEDESTRIAN CURB
AS05	ASPHALTIC SURFACE 5.75-INCH	CS04	CONCRETE SIDEWALK 4-INCH
CP08	CONCRETE PAVEMENT 8-INCH	CS07	CONCRETE SIDEWALK 7-INCH
CG01	CONCRETE CURB & GUTTER INTEGRAL 30-INCH TYPE D	XXXXX	SAW CUT ASPHALT
CG02	CONCRETE CURB & GUTTER 30-INCH TYPE D	ΔΔΔΔΔ	SAW CUT CONCRETE
CG03	CONCRETE CURB & GUTTER 24-INCH TYPE A SPECIAL	X	TREE TO BE GRUBBED
CG04	CONCRETE CURB & GUTTER 30-INCH TYPE A		

NOTE: ALL DRIVEWAYS ARE 5-INCH UNLESS OTHERWISE NOTED.

PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	PLAN DETAILS	SHEET 26	E

FILE NAME : I:\45\450639 LAWE ST APPLETON\C3D\SHEETS\021201-PD.DWG
LAYOUT NAME - 021204-pd

PLOT DATE : 10/30/2025 12:35 PM PLOT BY : HOSPER, JAN PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

N

MATCH LINE STA. 124+00

MATCH LINE STA. 130+00

CONSTRUCTION LIMITS
STA 79+50.00
Y=564,792.811
X=829,900.100

EAST HANCOCK STREET
N89°33'21"E

17'
15'

LUMEN FIBER OPTIC
TDS FIBER OPTIC
EXISTING R/W
TLE LINE
AS04
CG02
CS04
SLOPE INTERCEPTS
CG01
LUMEN FIBER OPTIC
GRAVEL PE
AS04
TLE LINE
CS07

NORTH LAWE STREET
125+00
N0°03'43"W
126+00
127+00
128+00
129+00
N0°03'43"W
NORTH LAWE STREET
130

CP08

S85°39'30"E 600.08

CPC

16'
17'

TLE LINE
SLOPE INTERCEPTS
EXISTING R/W
CS04
CON PE
ABANDONING WELLS
TDS FIBER OTPIC
CS07
MAINTAIN CONCRETE CURB
R/W

STA 125+57.95 R/L NORTH LAWE STREET =
STA 80+00.00 R/L EAST HANCOCK STREET
Y=564,790.627
X=829,950.011

TLE LINE
CS04
CS07
CG01
EXISTING R/W
AS04
CS07
BURIED FIBER OPTIC
(APPROXIMATE LOCATION)
CAUTION
GAS PIPELINE
(APPROXIMATE LOCATION)
TLE LINE
CS04
TERRACE
CS07
SANITARY SEWER

EAST HANCOCK STREET
N89°37'39"E 00.18

CONSTRUCTION LIMIT
STA 80+72.53

LEGEND

AS04	ASPHALTIC SURFACE 4-INCH	CPC	CONCRETE PEDESTRIAN CURB
AS05	ASPHALTIC SURFACE 5.75-INCH	CS04	CONCRETE SIDEWALK 4-INCH
CP08	CONCRETE PAVEMENT 8-INCH	CS07	CONCRETE SIDEWALK 7-INCH
CG01	CONCRETE CURB & GUTTER INTEGRAL 30-INCH TYPE D	XXXXX	SAW CUT ASPHALT
CG02	CONCRETE CURB & GUTTER 30-INCH TYPE D	ΔΔΔΔΔ	SAW CUT CONCRETE
CG03	CONCRETE CURB & GUTTER 24-INCH TYPE A SPECIAL	X	TREE TO BE GRUBBED
CG04	CONCRETE CURB & GUTTER 30-INCH TYPE A		

NOTE: ALL DRIVEWAYS ARE 5-INCH UNLESS OTHERWISE NOTED.

PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	PLAN DETAILS	SHEET 27	E

2

N

CONSTRUCTION LIMITS
STA 89+50.00
Y=565,693.229
X=829,899.034

EAST SPRING STREET
N89°56'17"E

STA 134+60.61 R/L NORTH LAWE STREET =
STA 90+00.00 R/L EAST SPRING STREET
Y=565,693.283
X=829,949.034

WATER MAIN
(APPROXIMATE LOCATION)

STA 135+05, -10.00' LT

PC 135+63.95

END PROJECT
STA 135+00.00

MATCH LINE STA. 130+00

STA 130+36.55
0.00' RT

STA 131+30.41
0.00'

NORTH LAWE STREET

N0°03'43"W

EXISTING R/W

GRAVEL PE

ASPH PE

TLE LINE

PLE

CPC

CS04

CS07

CG01

CG02

AS04

AS05

LUMEN FIBER OPTIC

TDS FIBER OPTIC

SLOPE INTERCEPTS

SANITARY SEWER

18'

16'

LEGEND

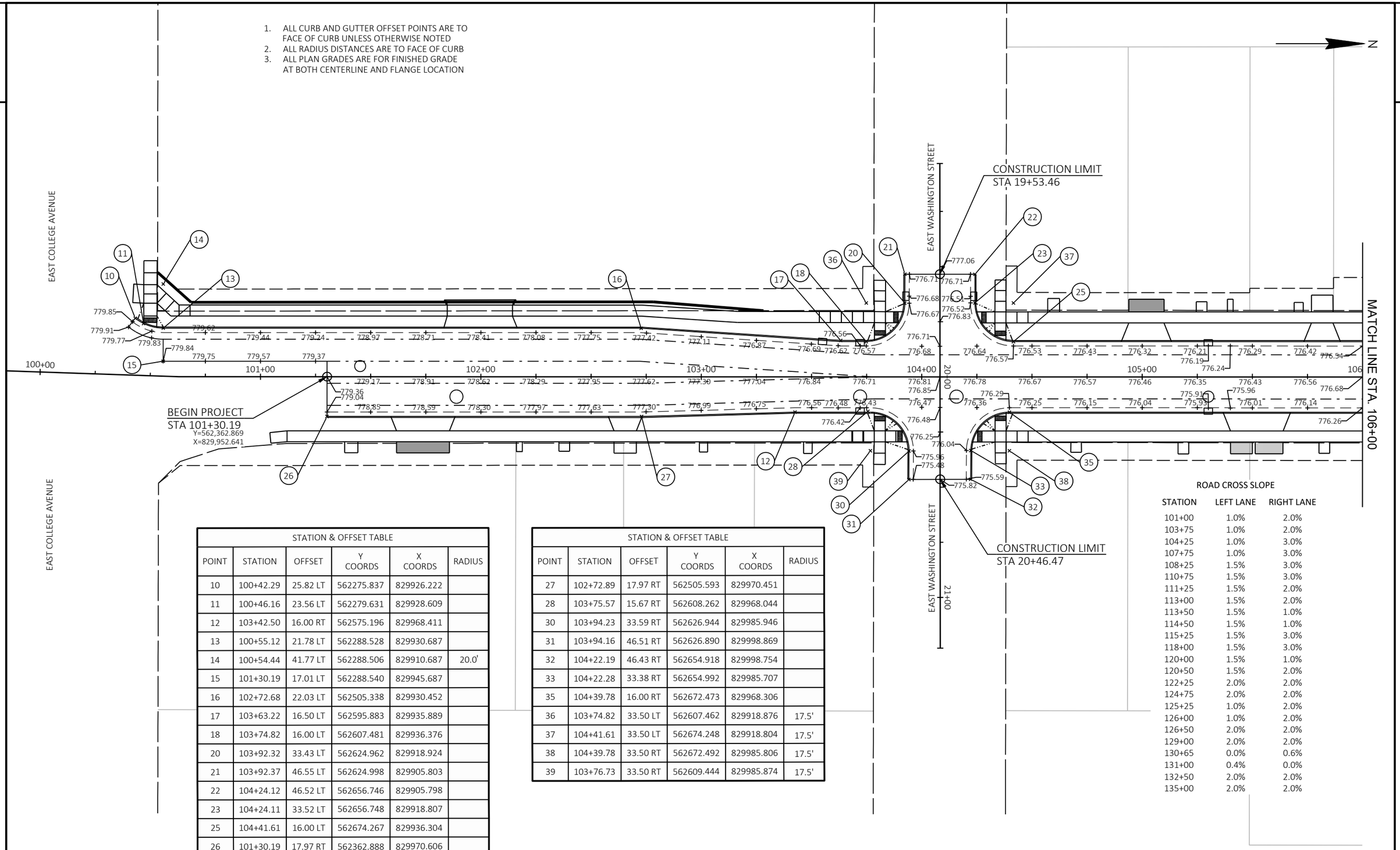
AS04	ASPHALTIC SURFACE 4-INCH	CPC	CONCRETE PEDESTRIAN CURB
AS05	ASPHALTIC SURFACE 5.75-INCH	CS04	CONCRETE SIDEWALK 4-INCH
CP08	CONCRETE PAVEMENT 8-INCH	CS07	CONCRETE SIDEWALK 7-INCH
CG01	CONCRETE CURB & GUTTER INTEGRAL 30-INCH TYPE D	XXXXX	SAW CUT ASPHALT
CG02	CONCRETE CURB & GUTTER 30-INCH TYPE D	ΔΔΔΔΔ	SAW CUT CONCRETE
CG03	CONCRETE CURB & GUTTER 24-INCH TYPE A SPECIAL	X	TREE TO BE GRUBBED
CG04	CONCRETE CURB & GUTTER 30-INCH TYPE A		

NOTE: ALL DRIVEWAYS ARE 5-INCH UNLESS OTHERWISE NOTED.

PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	PLAN DETAILS	SHEET 28	E

FILE NAME : I:\45\450639 LAWE ST APPLETON\C3D\SHEETS\021201-PD.DWG
LAYOUT NAME - 021206-pd
PLOT DATE : 10/30/2025 12:35 PM
PLOT BY : HOSPER, JAN
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

1. ALL CURB AND GUTTER OFFSET POINTS ARE TO FACE OF CURB UNLESS OTHERWISE NOTED
2. ALL RADIUS DISTANCES ARE TO FACE OF CURB
3. ALL PLAN GRADES ARE FOR FINISHED GRADE AT BOTH CENTERLINE AND FLANGE LOCATION



STATION & OFFSET TABLE					
POINT	STATION	OFFSET	Y COORDS	X COORDS	RADIUS
10	100+42.29	25.82 LT	562275.837	829926.222	
11	100+46.16	23.56 LT	562279.631	829928.609	
12	103+42.50	16.00 RT	562575.196	829968.411	
13	100+55.12	21.78 LT	562288.528	829930.687	
14	100+54.44	41.77 LT	562288.506	829910.687	20.0'
15	101+30.19	17.01 LT	562288.540	829945.687	
16	102+72.68	22.03 LT	562505.338	829930.452	
17	103+63.22	16.50 LT	562595.883	829935.889	
18	103+74.82	16.00 LT	562607.481	829936.376	
20	103+92.32	33.43 LT	562624.962	829918.924	
21	103+92.37	46.55 LT	562624.998	829905.803	
22	104+24.12	46.52 LT	562656.746	829905.798	
23	104+24.11	33.52 LT	562656.748	829918.807	
25	104+41.61	16.00 LT	562674.267	829936.304	
26	101+30.19	17.97 RT	562362.888	829970.606	

STATION & OFFSET TABLE					
POINT	STATION	OFFSET	Y COORDS	X COORDS	RADIUS
27	102+72.89	17.97 RT	562505.593	829970.451	
28	103+75.57	15.67 RT	562608.262	829968.044	
30	103+94.23	33.59 RT	562626.944	829985.946	
31	103+94.16	46.51 RT	562626.890	829998.869	
32	104+22.19	46.43 RT	562654.918	829998.754	
33	104+22.28	33.38 RT	562654.992	829985.707	
35	104+39.78	16.00 RT	562672.473	829968.306	
36	103+74.82	33.50 LT	562607.462	829918.876	17.5'
37	104+41.61	33.50 LT	562674.248	829918.804	17.5'
38	104+39.78	33.50 RT	562672.492	829985.806	17.5'
39	103+76.73	33.50 RT	562609.444	829985.874	17.5'

ROAD CROSS SLOPE

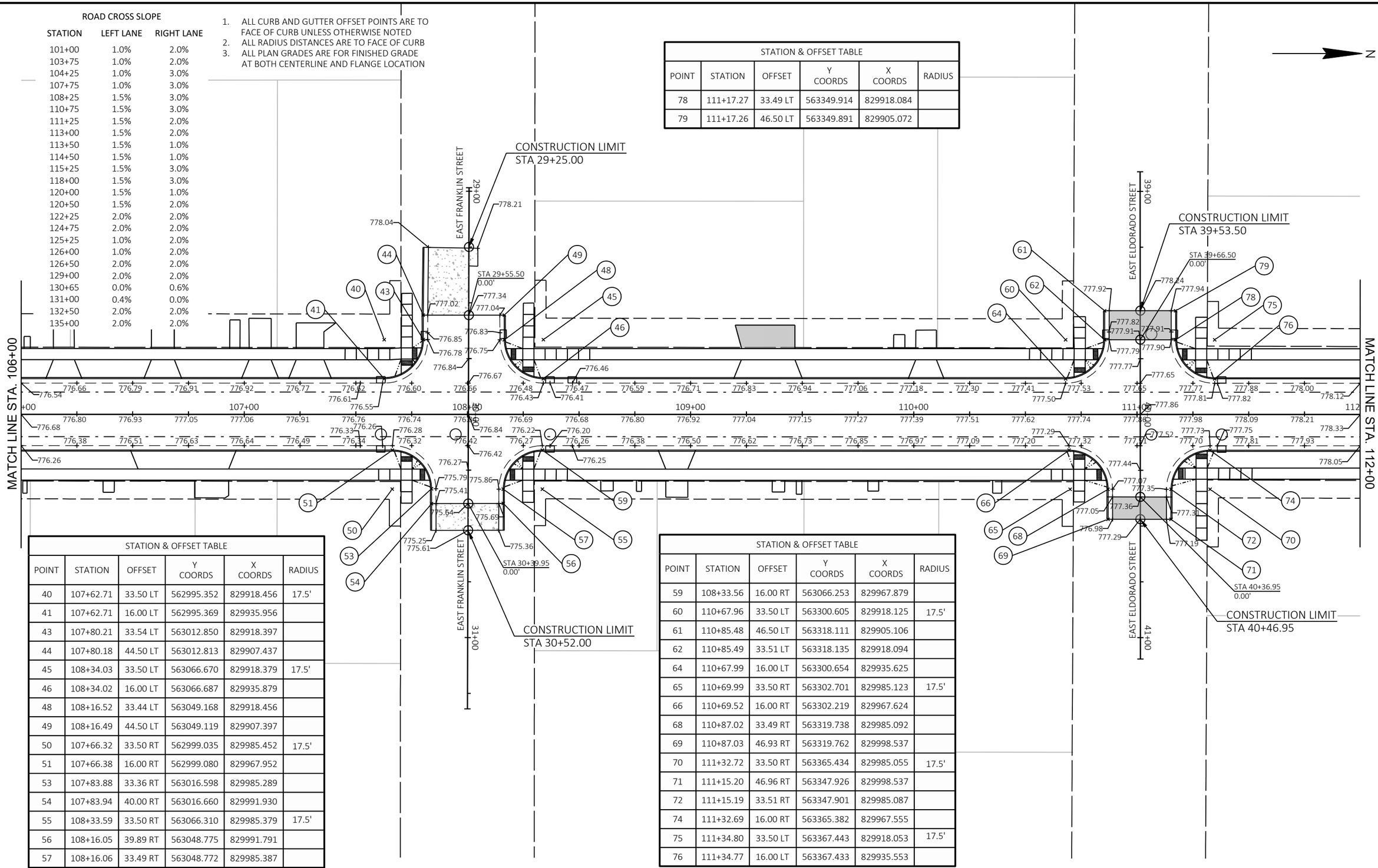
STATION	LEFT LANE	RIGHT LANE
101+00	1.0%	2.0%
103+75	1.0%	2.0%
104+25	1.0%	3.0%
107+75	1.0%	3.0%
108+25	1.5%	3.0%
110+75	1.5%	3.0%
111+25	1.5%	2.0%
113+00	1.5%	2.0%
113+50	1.5%	1.0%
114+50	1.5%	1.0%
115+25	1.5%	3.0%
118+00	1.5%	3.0%
120+00	1.5%	1.0%
120+50	1.5%	2.0%
122+25	2.0%	2.0%
124+75	2.0%	2.0%
125+25	1.0%	2.0%
126+00	1.0%	2.0%
126+50	2.0%	2.0%
129+00	2.0%	2.0%
130+65	0.0%	0.6%
131+00	0.4%	0.0%
132+50	2.0%	2.0%
135+00	2.0%	2.0%

ROAD CROSS SLOPE

STATION	LEFT LANE	RIGHT LANE
101+00	1.0%	2.0%
103+75	1.0%	2.0%
104+25	1.0%	3.0%
107+75	1.0%	3.0%
108+25	1.5%	3.0%
110+75	1.5%	3.0%
111+25	1.5%	2.0%
113+00	1.5%	2.0%
113+50	1.5%	1.0%
114+50	1.5%	1.0%
115+25	1.5%	3.0%
118+00	1.5%	3.0%
120+00	1.5%	1.0%
120+50	1.5%	2.0%
122+25	2.0%	2.0%
124+75	2.0%	2.0%
125+25	1.0%	2.0%
126+00	1.0%	2.0%
126+50	2.0%	2.0%
129+00	2.0%	2.0%
130+65	0.0%	0.6%
131+00	0.4%	0.0%
132+50	2.0%	2.0%
135+00	2.0%	2.0%

1. ALL CURB AND GUTTER OFFSET POINTS ARE TO FACE OF CURB UNLESS OTHERWISE NOTED
2. ALL RADIUS DISTANCES ARE TO FACE OF CURB
3. ALL PLAN GRADES ARE FOR FINISHED GRADE AT BOTH CENTERLINE AND FLANGE LOCATION

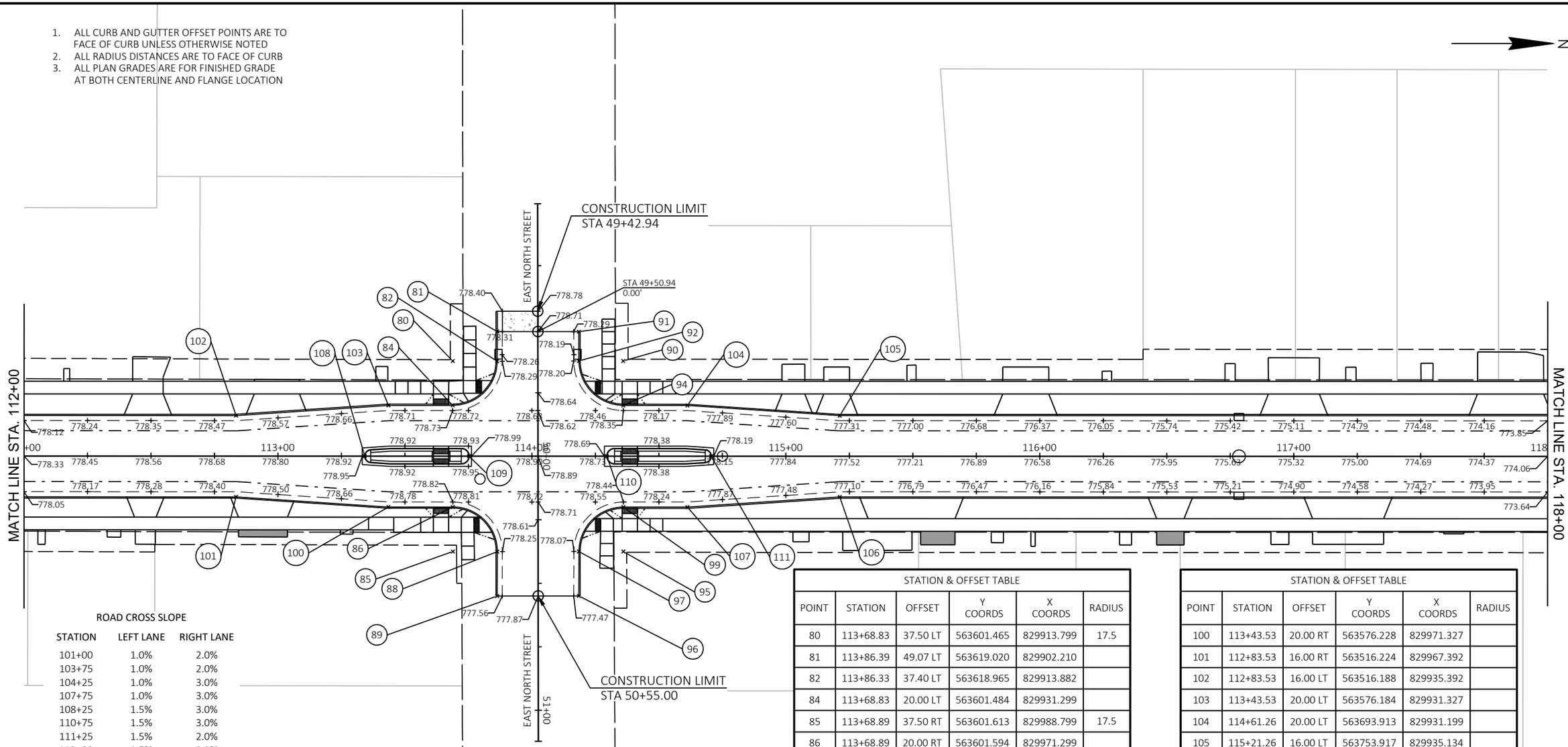
STATION & OFFSET TABLE					
POINT	STATION	OFFSET	Y COORDS	X COORDS	RADIUS
78	111+17.27	33.49 LT	563349.914	829918.084	
79	111+17.26	46.50 LT	563349.891	829905.072	



STATION & OFFSET TABLE					
POINT	STATION	OFFSET	Y COORDS	X COORDS	RADIUS
40	107+62.71	33.50 LT	562995.352	829918.456	17.5'
41	107+62.71	16.00 LT	562995.369	829935.956	
43	107+80.21	33.54 LT	563012.850	829918.397	
44	107+80.18	44.50 LT	563012.813	829907.437	
45	108+34.03	33.50 LT	563066.670	829918.379	17.5'
46	108+34.02	16.00 LT	563066.687	829935.879	
48	108+16.52	33.44 LT	563049.168	829918.456	
49	108+16.49	44.50 LT	563049.119	829907.397	
50	107+66.32	33.50 RT	562999.035	829985.452	17.5'
51	107+66.38	16.00 RT	562999.080	829967.952	
53	107+83.88	33.36 RT	563016.598	829985.289	
54	107+83.94	40.00 RT	563016.660	829991.930	
55	108+33.59	33.50 RT	563066.310	829985.379	17.5'
56	108+16.05	39.89 RT	563048.775	829991.791	
57	108+16.06	33.49 RT	563048.772	829985.387	

STATION & OFFSET TABLE					
POINT	STATION	OFFSET	Y COORDS	X COORDS	RADIUS
59	108+33.56	16.00 RT	563066.253	829967.879	
60	110+67.96	33.50 LT	563300.605	829918.125	17.5'
61	110+85.48	46.50 LT	563318.111	829905.106	
62	110+85.49	33.51 LT	563318.135	829918.094	
64	110+67.99	16.00 LT	563300.654	829935.625	
65	110+69.99	33.50 RT	563302.701	829985.123	17.5'
66	110+69.52	16.00 RT	563302.219	829967.624	
68	110+87.02	33.49 RT	563319.738	829985.092	
69	110+87.03	46.93 RT	563319.762	829998.537	
70	111+32.72	33.50 RT	563365.434	829985.055	17.5'
71	111+15.20	46.96 RT	563347.926	829998.537	
72	111+15.19	33.51 RT	563347.901	829985.087	
74	111+32.69	16.00 RT	563365.382	829967.555	
75	111+34.80	33.50 LT	563367.443	829918.053	17.5'
76	111+34.77	16.00 LT	563367.433	829935.553	

1. ALL CURB AND GUTTER OFFSET POINTS ARE TO FACE OF CURB UNLESS OTHERWISE NOTED
2. ALL RADIUS DISTANCES ARE TO FACE OF CURB
3. ALL PLAN GRADES ARE FOR FINISHED GRADE AT BOTH CENTERLINE AND FLANGE LOCATION



ROAD CROSS SLOPE

STATION	LEFT LANE	RIGHT LANE
101+00	1.0%	2.0%
103+75	1.0%	2.0%
104+25	1.0%	3.0%
107+75	1.0%	3.0%
108+25	1.5%	3.0%
110+75	1.5%	3.0%
111+25	1.5%	2.0%
113+00	1.5%	2.0%
113+50	1.5%	1.0%
114+50	1.5%	1.0%
115+25	1.5%	3.0%
118+00	1.5%	3.0%
120+00	1.5%	1.0%
120+50	1.5%	2.0%
122+25	2.0%	2.0%
124+75	2.0%	2.0%
125+25	1.0%	2.0%
126+00	1.0%	2.0%
126+50	2.0%	2.0%
129+00	2.0%	2.0%
130+65	0.0%	0.6%
131+00	0.4%	0.0%
132+50	2.0%	2.0%
135+00	2.0%	2.0%

STATION & OFFSET TABLE

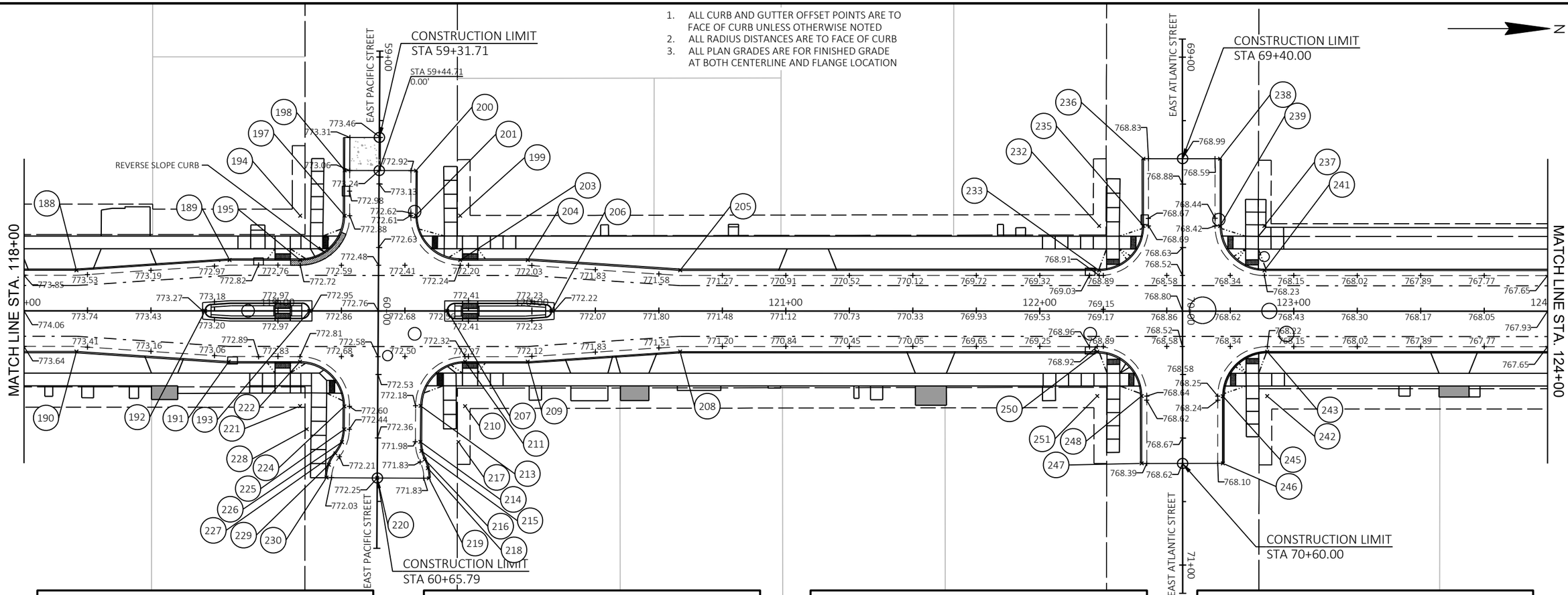
POINT	STATION	OFFSET	Y COORDS	X COORDS	RADIUS
80	113+68.83	37.50 LT	563601.465	829913.799	17.5
81	113+86.39	49.07 LT	563619.020	829902.210	
82	113+86.33	37.40 LT	563618.965	829913.882	
84	113+68.83	20.00 LT	563601.484	829931.299	
85	113+68.89	37.50 RT	563601.613	829988.799	17.5
86	113+68.89	20.00 RT	563601.594	829971.299	
88	113+86.39	37.53 RT	563619.113	829988.809	
89	113+86.36	55.02 RT	563619.103	830006.305	
90	114+35.99	37.50 LT	563668.625	829913.727	17.5
91	114+18.49	49.04 LT	563651.118	829902.208	
92	114+18.49	37.51 LT	563651.125	829913.738	
94	114+35.99	20.00 LT	563668.644	829931.227	
95	114+36.05	37.50 RT	563668.767	829988.727	17.5
96	114+18.51	54.98 RT	563651.250	830006.221	
97	114+18.55	37.46 RT	563651.267	829988.710	
99	114+36.05	20.00 RT	563668.748	829971.227	

STATION & OFFSET TABLE

POINT	STATION	OFFSET	Y COORDS	X COORDS	RADIUS
100	113+43.53	20.00 RT	563576.228	829971.327	
101	112+83.53	16.00 RT	563516.224	829967.392	
102	112+83.53	16.00 LT	563516.188	829935.392	
103	113+43.53	20.00 LT	563576.184	829931.327	
104	114+61.26	20.00 LT	563693.913	829931.199	
105	115+21.26	16.00 LT	563753.917	829935.134	
106	115+21.26	16.00 RT	563753.953	829967.134	
107	114+61.26	20.00 RT	563693.957	829971.199	
108	113+34.19	0.00 RT	563566.872	829951.338	
109	113+75.24	0.00 RT	563607.917	829951.292	
110	114+29.55	0.00 RT	563662.225	829951.234	
111	114+70.59	0.00 RT	563703.269	829951.189	

PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	PLAN GRADES & OFFSETS	SHEET 31	E

1. ALL CURB AND GUTTER OFFSET POINTS ARE TO FACE OF CURB UNLESS OTHERWISE NOTED
2. ALL RADIUS DISTANCES ARE TO FACE OF CURB
3. ALL PLAN GRADES ARE FOR FINISHED GRADE AT BOTH CENTERLINE AND FLANGE LOCATION



STATION & OFFSET TABLE

POINT	STATION	OFFSET	Y COORDS	X COORDS	RADIUS
188	118+20.69	16.00 LT	564053.347	829934.810	
189	118+80.99	20.02 LT	564113.643	829930.725	
190	118+20.69	16.00 RT	564053.381	829966.810	
191	118+80.69	20.00 RT	564113.385	829970.745	
192	118+71.35	0.00 RT	564104.030	829950.755	
193	119+12.40	0.00 LT	564145.075	829950.710	
194	119+08.78	37.49 LT	564141.419	829913.225	17.5'
195	119+08.76	19.99 LT	564141.419	829930.725	
197	119+26.28	37.47 LT	564158.919	829913.225	
198	119+26.30	55.30 LT	564158.919	829895.395	
199	119+71.80	37.50 LT	564204.441	829913.146	17.5'
200	119+54.39	55.27 LT	564187.009	829895.393	
201	119+54.30	37.59 LT	564186.941	829913.079	
203	119+71.80	20.00 LT	564204.460	829930.646	
204	119+98.41	20.00 LT	564231.071	829930.617	
205	120+58.41	16.00 LT	564291.075	829934.552	

STATION & OFFSET TABLE

POINT	STATION	OFFSET	Y COORDS	X COORDS	RADIUS
206	120+07.75	0.00 RT	564240.427	829950.607	
207	119+66.70	0.00 RT	564199.382	829950.652	
208	120+58.40	16.00 RT	564291.094	829966.552	
209	119+98.40	20.00 RT	564231.098	829970.617	
210	119+73.71	37.50 RT	564206.433	829988.144	17.5'
211	119+73.71	20.00 RT	564206.414	829970.644	
213	119+56.21	37.40 RT	564188.933	829988.060	
214	119+56.13	51.58 RT	564188.865	830002.243	
215	119+56.54	55.16 RT	564189.280	830005.822	
216	119+57.80	58.54 RT	564190.537	830009.198	
217	119+71.13	51.67 RT	564203.865	830002.315	15.0'
218	119+59.05	61.91 RT	564191.794	830012.575	
219	119+59.46	65.91 RT	564192.207	830016.566	
220	119+44.46	65.41 RT	564171.908	830016.469	15.0'
221	119+08.71	37.50 RT	564141.432	829988.215	17.5'
222	119+08.71	20.00 RT	564141.413	829970.715	

STATION & OFFSET TABLE

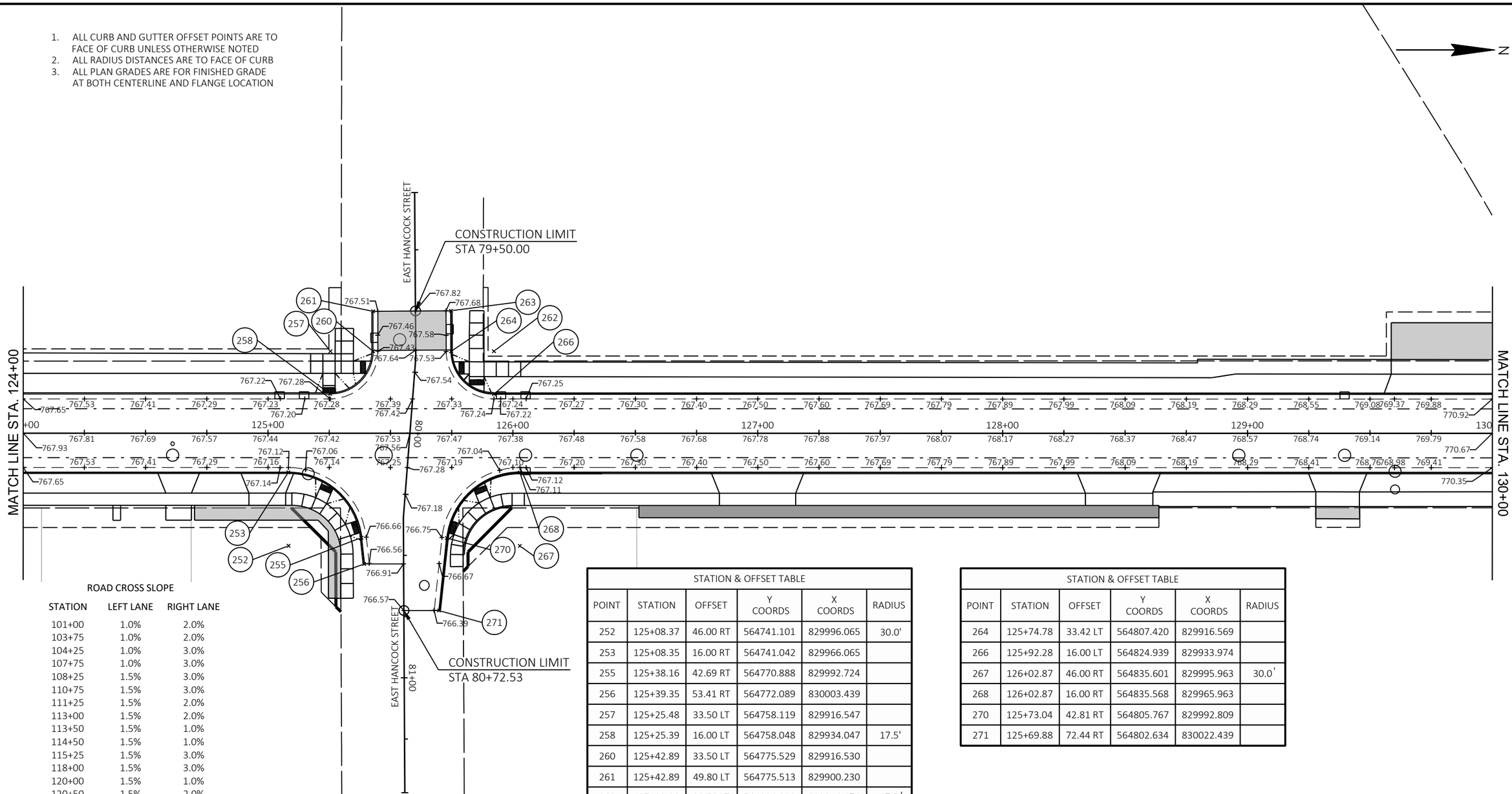
POINT	STATION	OFFSET	Y COORDS	X COORDS	RADIUS
224	119+26.21	37.60 RT	564158.931	829988.299	
225	119+26.16	46.62 RT	564158.888	829997.320	
226	119+25.25	51.69 RT	564157.981	830002.386	
227	119+22.68	56.15 RT	564155.414	830006.847	
228	119+11.37	46.61 RT	564144.096	829997.324	
229	119+20.10	60.61 RT	564152.848	830011.308	
230	119+19.19	65.67 RT	564151.941	830016.374	
232	122+23.40	33.50 LT	564456.041	829916.874	17.5'
233	122+23.40	16.00 LT	564456.059	829934.374	
235	122+40.83	33.51 LT	564473.468	829916.843	
236	122+40.81	59.99 LT	564473.424	829890.364	
237	122+88.46	33.50 LT	564521.104	829916.803	17.5'
238	122+70.99	60.01 LT	564503.605	829890.314	
239	122+71.01	33.49 LT	564503.649	829916.833	
241	122+88.51	16.00 LT	564521.168	829934.303	
242	122+89.61	33.50 RT	564522.322	829983.802	17.5'

STATION & OFFSET TABLE

POINT	STATION	OFFSET	Y COORDS	X COORDS	RADIUS
243	122+89.60	16.00 RT	564522.295	829966.302	
245	122+72.10	33.51 RT	564504.814	829983.831	
246	122+72.11	59.99 RT	564504.858	830010.312	
247	122+40.17	60.01 RT	564472.916	830010.365	
248	122+40.16	33.49 RT	564472.872	829983.845	
250	122+22.66	16.00 RT	564455.353	829966.375	
251	122+22.65	33.50 RT	564455.364	829983.875	17.5'

PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	PLAN GRADES & OFFSETS	SHEET 32	E

1. ALL CURB AND GUTTER OFFSET POINTS ARE TO FACE OF CURB UNLESS OTHERWISE NOTED
2. ALL RADIUS DISTANCES ARE TO FACE OF CURB
3. ALL PLAN GRADES ARE FOR FINISHED GRADE AT BOTH CENTERLINE AND FLANGE LOCATION



ROAD CROSS SLOPE

STATION	LEFT LANE	RIGHT LANE
101+00	1.0%	2.0%
103+75	1.0%	2.0%
104+25	1.0%	3.0%
107+75	1.0%	3.0%
108+25	1.5%	3.0%
110+75	1.5%	3.0%
111+25	1.5%	2.0%
113+00	1.5%	2.0%
113+50	1.5%	1.0%
114+50	1.5%	1.0%
115+25	1.5%	3.0%
118+00	1.5%	3.0%
120+00	1.5%	1.0%
120+50	1.5%	2.0%
122+25	2.0%	2.0%
124+75	2.0%	2.0%
125+25	1.0%	2.0%
126+00	1.0%	2.0%
126+50	2.0%	2.0%
129+00	2.0%	2.0%
130+65	0.0%	0.6%
131+00	0.4%	0.0%
132+50	2.0%	2.0%
135+00	2.0%	2.0%

STATION & OFFSET TABLE

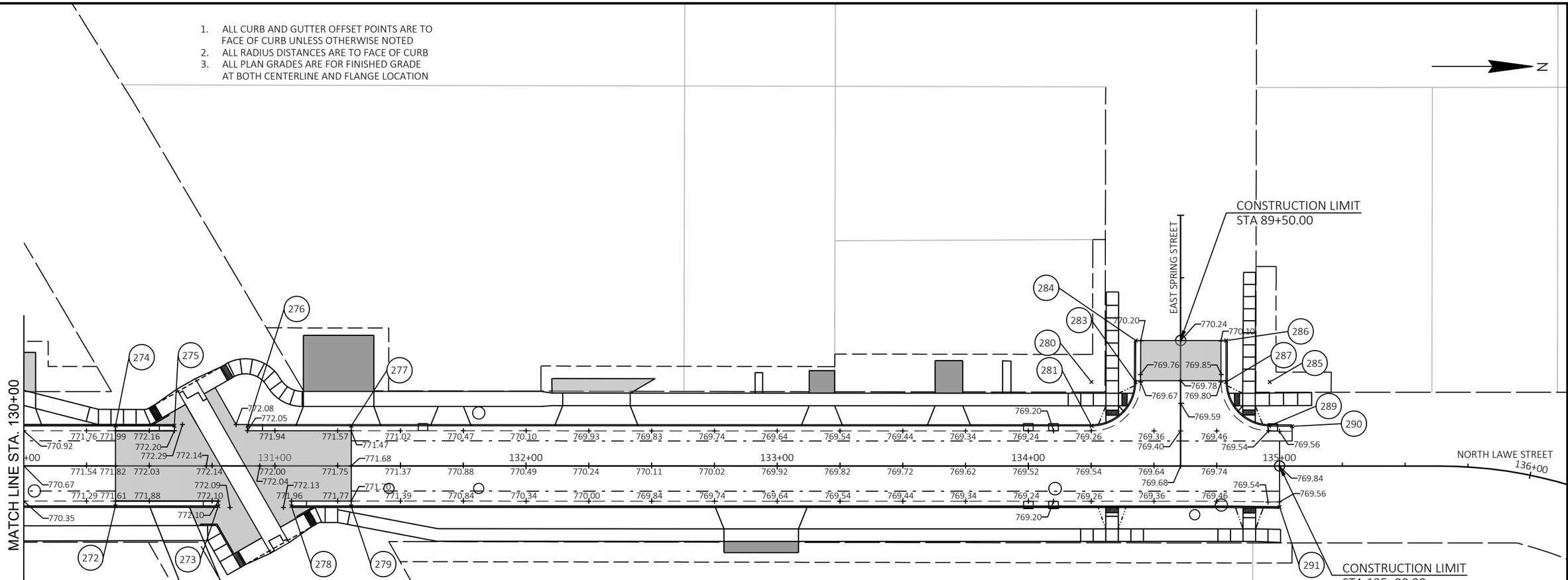
POINT	STATION	OFFSET	Y COORDS	X COORDS	RADIUS
252	125+08.37	46.00 RT	564741.101	829996.065	30.0'
253	125+08.35	16.00 RT	564741.042	829966.065	
255	125+38.16	42.69 RT	564770.888	829992.724	
256	125+39.35	53.41 RT	564772.089	830003.439	
257	125+25.48	33.50 LT	564758.119	829916.547	
258	125+25.39	16.00 LT	564758.048	829934.047	17.5'
260	125+42.89	33.50 LT	564775.529	829916.530	
261	125+42.89	49.80 LT	564775.513	829900.230	
262	125+92.28	33.50 LT	564824.920	829916.474	17.5 '
263	125+74.71	50.01 LT	564807.331	829899.988	

STATION & OFFSET TABLE

POINT	STATION	OFFSET	Y COORDS	X COORDS	RADIUS
264	125+74.78	33.42 LT	564807.420	829916.569	
266	125+92.28	16.00 LT	564824.939	829933.974	
267	126+02.87	46.00 RT	564835.601	829995.963	30.0 '
268	126+02.87	16.00 RT	564835.568	829965.963	
270	125+73.04	42.81 RT	564805.767	829992.809	
271	125+69.88	72.44 RT	564802.634	830022.439	

PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	PLAN GRADES & OFFSETS	SHEET 33	E

1. ALL CURB AND GUTTER OFFSET POINTS ARE TO FACE OF CURB UNLESS OTHERWISE NOTED
2. ALL RADIUS DISTANCES ARE TO FACE OF CURB
3. ALL PLAN GRADES ARE FOR FINISHED GRADE AT BOTH CENTERLINE AND FLANGE LOCATION



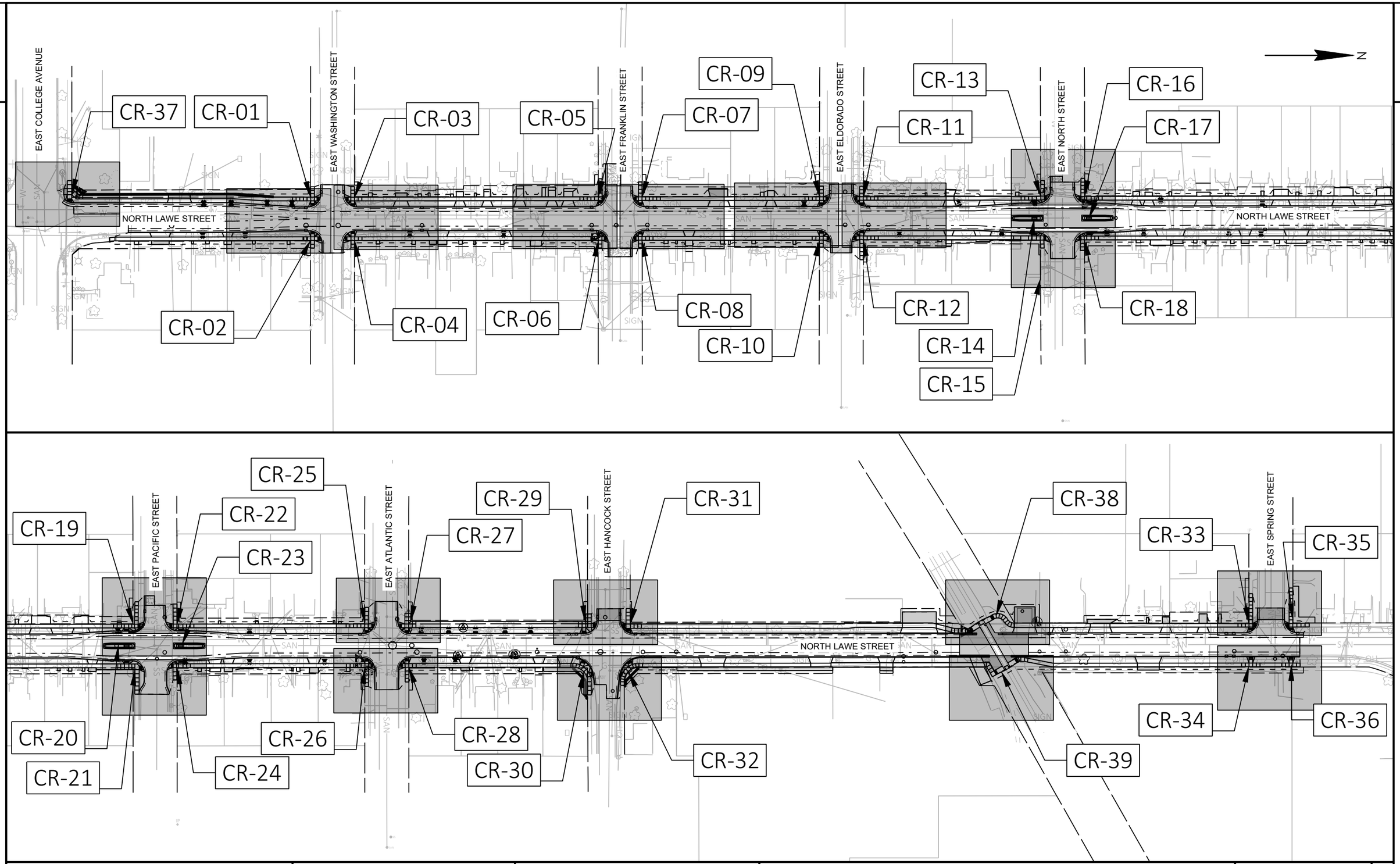
STATION & OFFSET TABLE					
POINT	STATION	OFFSET	Y COORDS	X COORDS	RADIUS
272	130+36.55	16.00 RT	565269.244	829965.493	
273	130+77.50	16.00 RT	565310.190	829965.449	
274	130+36.55	16.00 LT	565269.210	829933.493	
275	130+60.01	16.00 LT	565292.667	829933.468	
276	130+89.11	16.00 LT	565321.766	829933.436	
277	131+30.41	16.00 LT	565363.068	829933.391	
278	131+06.59	16.00 RT	565339.289	829965.417	
279	131+30.41	16.00 RT	565363.103	829965.391	
280	134+25.11	33.50 LT	565657.754	829915.572	17.5'
281	134+25.19	16.00 LT	565657.848	829933.072	

STATION & OFFSET TABLE					
POINT	STATION	OFFSET	Y COORDS	X COORDS	RADIUS
283	134+42.69	33.45 LT	565675.329	829915.604	
284	134+42.74	50.00 LT	565675.359	829899.053	
285	134+96.11	33.48 LT	565728.748	829915.515	17.5'
286	134+78.69	50.00 LT	565711.315	829899.014	
287	134+78.69	33.48 LT	565711.328	829915.538	
289	134+95.82	15.97 LT	565728.480	829933.021	
290	135+05.00	15.88 LT	565737.660	829933.110	
291	135+00.00	16.27 RT	565732.696	829965.261	

ROAD CROSS SLOPE

STATION	LEFT LANE	RIGHT LANE
101+00	1.0%	2.0%
103+75	1.0%	2.0%
104+25	1.0%	3.0%
107+75	1.0%	3.0%
108+25	1.5%	3.0%
110+75	1.5%	3.0%
111+25	1.5%	2.0%
113+00	1.5%	2.0%
113+50	1.5%	1.0%
114+50	1.5%	1.0%
115+25	1.5%	3.0%
118+00	1.5%	3.0%
120+00	1.5%	1.0%
120+50	1.5%	2.0%
122+25	2.0%	2.0%
124+75	2.0%	2.0%
125+25	1.0%	2.0%
126+00	1.0%	2.0%
126+50	2.0%	2.0%
129+00	2.0%	2.0%
130+65	0.0%	0.6%
131+00	0.4%	0.0%
132+50	2.0%	2.0%
135+00	2.0%	2.0%

PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	PLAN GRADES & OFFSETS	SHEET 34	E



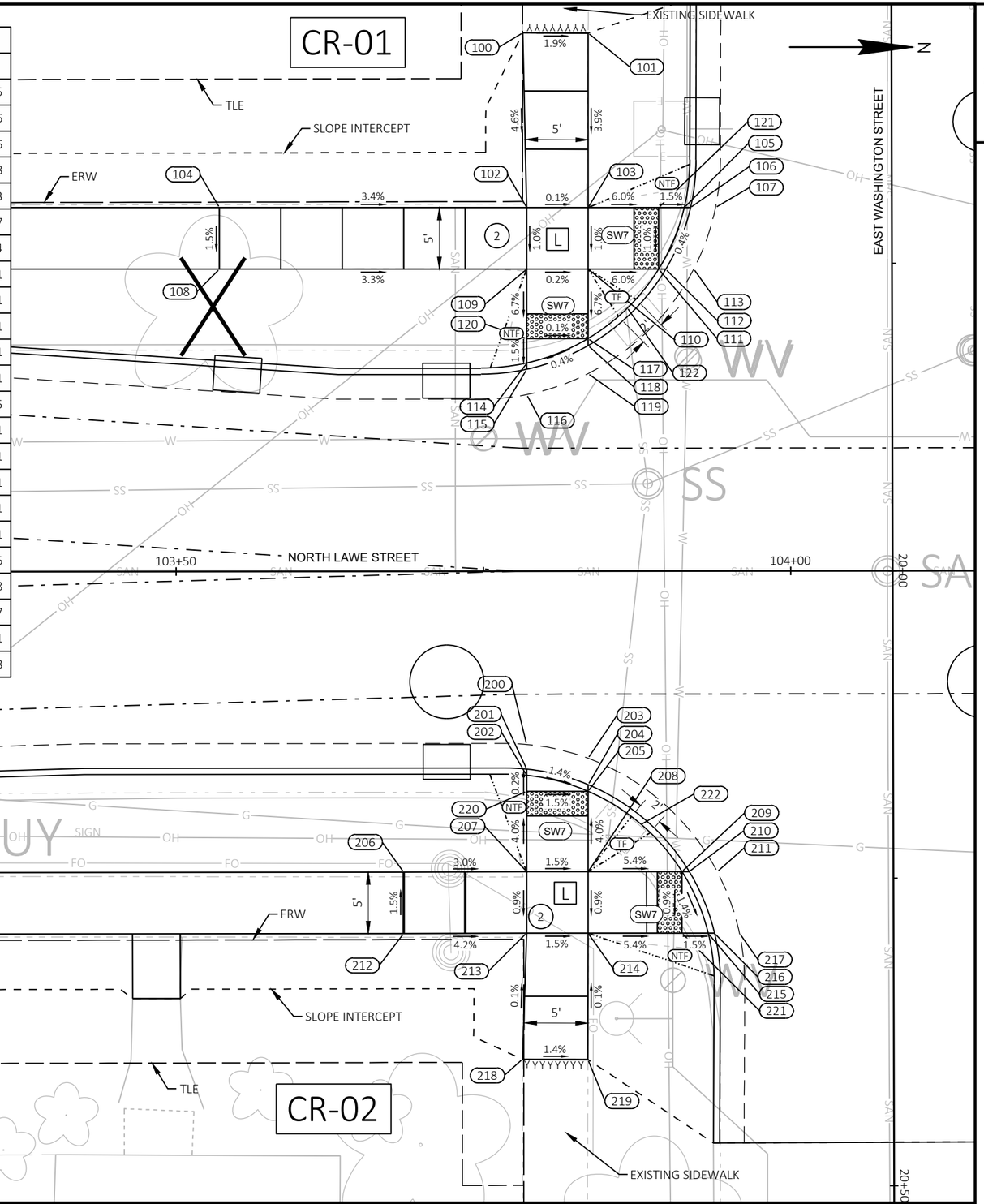
2

PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	CURB RAMP DETAILS	SHEET 35	E

FILE NAME : I:\45\450639 LAWE ST APPLETON\C3D\SHEETS\021301-CR.DWG
LAYOUT NAME - 021301-cr
PLOT DATE : 1/27/2026 11:02 AM
PLOT BY : VERVILLE, PHILLIP
PLOT NAME :
PLOT SCALE : 1"=120'
WISDOT/CADDS SHEET 44

CR01					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
100	103+78.25	43.78' LT	777.65	562610.89	829908.59
101	103+83.57	43.75' LT	777.55	562616.20	829908.61
102	103+78.56	29.57' LT	777.00	562611.20	829922.81
103	103+83.56	29.56' LT	776.99	562616.20	829922.81
104	103+53.56	29.59' LT	777.85	562586.20	829922.81
105	103+91.35	29.55' LT	776.62	562624.00	829922.81
106	103+91.87	29.55' LT	776.61	562624.52	829922.81
107	103+93.91	29.55' LT	776.65	562626.56	829922.81
108	103+53.55	24.59' LT	777.78	562586.20	829927.81
109	103+78.55	24.57' LT	776.95	562611.20	829927.81
110	103+83.55	24.56' LT	776.94	562616.20	829927.81
111	103+89.28	24.55' LT	776.60	562621.93	829927.81
112	103+89.86	24.55' LT	776.59	562622.51	829927.81
113	103+92.14	24.55' LT	776.64	562624.80	829927.81
114	103+78.54	16.91' LT	776.54	562611.20	829935.46
115	103+78.54	16.40' LT	776.54	562611.20	829935.97
116	103+78.54	14.36' LT	776.57	562611.20	829938.01
117	103+83.54	18.91' LT	776.57	562616.20	829933.46
118	103+83.54	18.33' LT	776.56	562616.20	829934.04
119	103+83.54	16.06' LT	776.59	562616.20	829936.31
120	103+78.54	18.92' LT	776.57	562611.20	829933.46
121	103+89.28	29.55' LT	776.65	562621.93	829922.81
122	103+86.73	21.41' LT	776.89	562619.38	829930.95

CR02					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
200	103+78.50	14.08' RT	776.43	562611.19	829966.45
201	103+78.50	16.09' RT	776.37	562611.19	829968.46
202	103+78.50	16.59' RT	776.38	562611.19	829968.96
203	103+83.50	15.21' RT	776.35	562616.19	829967.58
204	103+83.50	17.36' RT	776.30	562616.19	829969.73
205	103+83.50	17.90' RT	776.31	562616.19	829970.27
206	103+68.49	24.46' RT	776.94	562601.19	829976.84
207	103+78.49	24.43' RT	776.65	562611.19	829976.81
208	103+83.49	24.44' RT	776.57	562616.19	829976.81
209	103+91.12	24.45' RT	776.16	562623.82	829976.81
210	103+91.71	24.45' RT	776.15	562624.41	829976.81
211	103+94.00	24.45' RT	776.17	562626.71	829976.81
212	103+68.48	29.47' RT	777.02	562601.19	829981.85
213	103+78.48	29.43' RT	776.60	562611.19	829981.81
214	103+83.48	29.44' RT	776.53	562616.19	829981.81
215	103+93.24	29.45' RT	776.08	562625.95	829981.81
216	103+93.75	29.45' RT	776.07	562626.46	829981.81
217	103+95.80	29.45' RT	776.10	562628.51	829981.81
218	103+78.14	39.69' RT	776.61	562610.86	829992.06
219	103+83.47	39.72' RT	776.53	562616.19	829992.08
220	103+78.50	17.90' RT	776.38	562611.19	829970.27
221	103+91.12	29.45' RT	776.11	562623.83	829981.81
222	103+87.78	20.62' RT	776.54	562620.48	829972.98

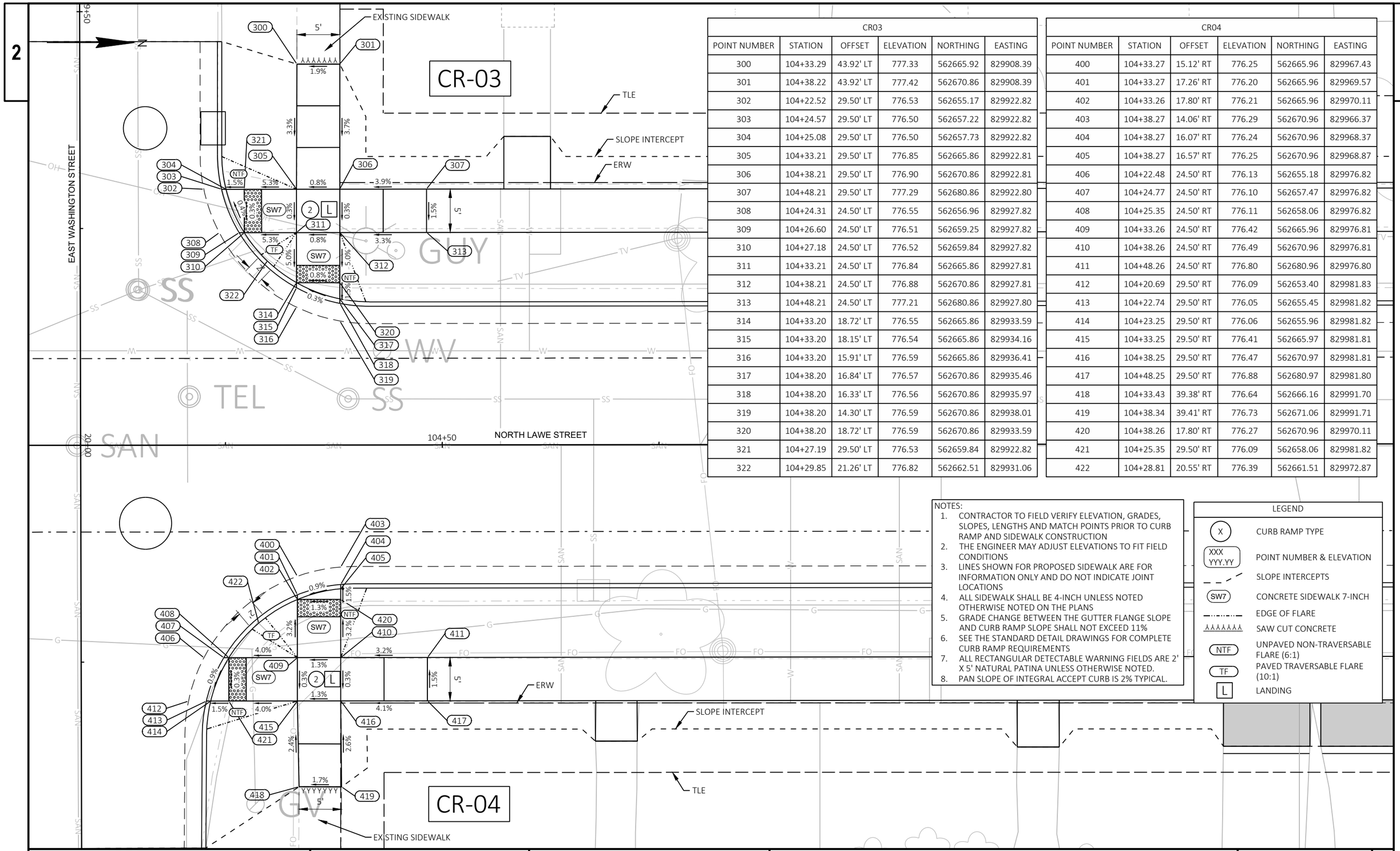


NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION
2. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONDITIONS
3. LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE JOINT LOCATIONS
4. ALL SIDEWALK SHALL BE 4-INCH UNLESS NOTED OTHERWISE NOTED ON THE PLANS
5. GRADE CHANGE BETWEEN THE GUTTER FLANGE SLOPE AND CURB RAMP SLOPE SHALL NOT EXCEED 11%
6. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS
7. ALL RECTANGULAR DETECTABLE WARNING FIELDS ARE 2' X 5' NATURAL PATINA UNLESS OTHERWISE NOTED.
8. PAN SLOPE OF INTEGRAL ACCEPT CURB IS 2% TYPICAL.

LEGEND

X	CURB RAMP TYPE
XXX YYY.YY	POINT NUMBER & ELEVATION
	SLOPE INTERCEPTS
SW7	CONCRETE SIDEWALK 7-INCH
	EDGE OF FLARE
	SAW CUT CONCRETE
NTF	UNPAVED NON-TRAVERSABLE FLARE (6:1)
TF	PAVED TRAVERSABLE FLARE (10:1)
L	LANDING

PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	CURB RAMP DETAILS	SHEET 36 E



CR03					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
300	104+33.29	43.92' LT	777.33	562665.92	829908.39
301	104+38.22	43.92' LT	777.42	562670.86	829908.39
302	104+22.52	29.50' LT	776.53	562655.17	829922.82
303	104+24.57	29.50' LT	776.50	562657.22	829922.82
304	104+25.08	29.50' LT	776.50	562657.73	829922.82
305	104+33.21	29.50' LT	776.85	562665.86	829922.81
306	104+38.21	29.50' LT	776.90	562670.86	829922.81
307	104+48.21	29.50' LT	777.29	562680.86	829922.80
308	104+24.31	24.50' LT	776.55	562656.96	829927.82
309	104+26.60	24.50' LT	776.51	562659.25	829927.82
310	104+27.18	24.50' LT	776.52	562659.84	829927.82
311	104+33.21	24.50' LT	776.84	562665.86	829927.81
312	104+38.21	24.50' LT	776.88	562670.86	829927.81
313	104+48.21	24.50' LT	777.21	562680.86	829927.80
314	104+33.20	18.72' LT	776.55	562665.86	829933.59
315	104+33.20	18.15' LT	776.54	562665.86	829934.16
316	104+33.20	15.91' LT	776.59	562665.86	829936.41
317	104+38.20	16.84' LT	776.57	562670.86	829935.46
318	104+38.20	16.33' LT	776.56	562670.86	829935.97
319	104+38.20	14.30' LT	776.59	562670.86	829938.01
320	104+38.20	18.72' LT	776.59	562670.86	829933.59
321	104+27.19	29.50' LT	776.53	562659.84	829922.82
322	104+29.85	21.26' LT	776.82	562662.51	829931.06

CR04					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
400	104+33.27	15.12' RT	776.25	562665.96	829967.43
401	104+33.27	17.26' RT	776.20	562665.96	829969.57
402	104+33.26	17.80' RT	776.21	562665.96	829970.11
403	104+38.27	14.06' RT	776.29	562670.96	829966.37
404	104+38.27	16.07' RT	776.24	562670.96	829968.37
405	104+38.27	16.57' RT	776.25	562670.96	829968.87
406	104+22.48	24.50' RT	776.13	562655.18	829976.82
407	104+24.77	24.50' RT	776.10	562657.47	829976.82
408	104+25.35	24.50' RT	776.11	562658.06	829976.82
409	104+33.26	24.50' RT	776.42	562665.96	829976.81
410	104+38.26	24.50' RT	776.49	562670.96	829976.81
411	104+48.26	24.50' RT	776.80	562680.96	829976.80
412	104+20.69	29.50' RT	776.09	562653.40	829981.83
413	104+22.74	29.50' RT	776.05	562655.45	829981.82
414	104+23.25	29.50' RT	776.06	562655.96	829981.82
415	104+33.25	29.50' RT	776.41	562665.97	829981.81
416	104+38.25	29.50' RT	776.47	562670.97	829981.81
417	104+48.25	29.50' RT	776.88	562680.97	829981.80
418	104+33.43	39.38' RT	776.64	562666.16	829991.70
419	104+38.34	39.41' RT	776.73	562671.06	829991.71
420	104+38.26	17.80' RT	776.27	562670.96	829970.11
421	104+25.35	29.50' RT	776.09	562658.06	829981.82
422	104+28.81	20.55' RT	776.39	562661.51	829972.87

NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION
2. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONDITIONS
3. LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE JOINT LOCATIONS
4. ALL SIDEWALK SHALL BE 4-INCH UNLESS NOTED OTHERWISE NOTED ON THE PLANS
5. GRADE CHANGE BETWEEN THE GUTTER FLANGE SLOPE AND CURB RAMP SLOPE SHALL NOT EXCEED 11%
6. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS
7. ALL RECTANGULAR DETECTABLE WARNING FIELDS ARE 2' X 5' NATURAL PATINA UNLESS OTHERWISE NOTED.
8. PAN SLOPE OF INTEGRAL ACCEPT CURB IS 2% TYPICAL.

LEGEND

X	CURB RAMP TYPE
XXX YYY.YY	POINT NUMBER & ELEVATION
	SLOPE INTERCEPTS
SW7	CONCRETE SIDEWALK 7-INCH
	EDGE OF FLARE
	SAW CUT CONCRETE
NTF	UNPAVED NON-TRAVERSABLE FLARE (6:1)
TF	PAVED TRAVERSABLE FLARE (10:1)
L	LANDING

PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	CURB RAMP DETAILS	SHEET 37	E

CR05					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
500	107+70.53	54.24' LT	778.25	563003.15	829897.71
501	107+75.28	54.26' LT	778.20	563007.90	829897.68
502	107+45.18	29.50' LT	778.02	562977.82	829922.47
503	107+65.18	29.50' LT	777.09	562997.82	829922.45
504	107+70.32	29.83' LT	776.84	563002.97	829922.12
505	107+75.33	29.83' LT	776.82	563007.97	829922.11
506	107+79.31	29.83' LT	776.68	563011.95	829922.11
507	107+79.82	29.83' LT	776.68	563012.46	829922.11
508	107+81.86	29.83' LT	776.72	563014.50	829922.11
509	107+45.17	24.50' LT	777.94	562977.82	829927.47
510	107+65.17	24.50' LT	777.01	562997.82	829927.45
511	107+70.32	24.83' LT	776.77	563002.97	829927.12
512	107+75.31	24.83' LT	776.76	563007.97	829927.11
513	107+77.33	24.83' LT	776.65	563009.98	829927.11
514	107+77.91	24.83' LT	776.64	563010.56	829927.11
515	107+80.17	24.83' LT	776.69	563012.82	829927.11
516	107+70.31	18.30' LT	776.58	563002.97	829933.65
517	107+70.31	17.74' LT	776.57	563002.97	829934.21
518	107+70.31	15.54' LT	776.60	563002.97	829936.41
519	107+75.31	22.09' LT	776.62	563007.96	829929.85
520	107+75.31	21.35' LT	776.61	563007.96	829930.59
521	107+75.30	18.61' LT	776.64	563007.96	829933.33
522	107+70.31	22.09' LT	776.63	563002.97	829929.86
523	107+77.33	29.83' LT	776.71	563009.97	829922.11
524	107+76.71	23.01' LT	776.77	563009.37	829928.93

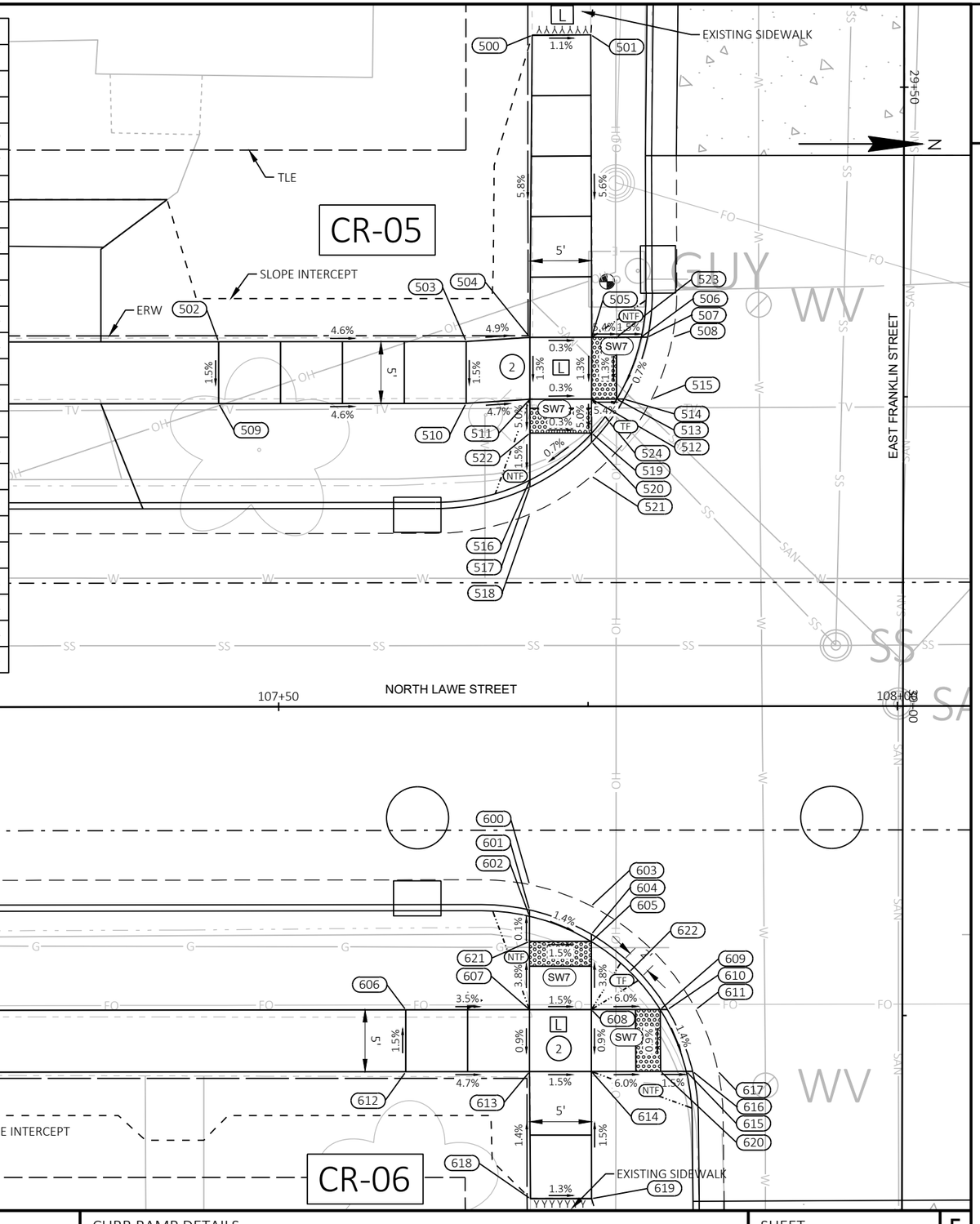
CR06					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
600	107+70.24	14.39' RT	776.25	563002.94	829966.33
601	107+70.24	16.43' RT	776.19	563002.94	829968.38
602	107+70.24	16.94' RT	776.20	563002.94	829968.89
603	107+75.24	16.13' RT	776.17	563007.94	829968.07
604	107+75.24	18.41' RT	776.11	563007.94	829970.35
605	107+75.24	18.99' RT	776.12	563007.94	829970.93
606	107+60.24	24.50' RT	776.76	562992.94	829976.46
607	107+70.24	24.50' RT	776.41	563002.94	829976.45
608	107+75.24	24.50' RT	776.33	563007.94	829976.44
609	107+80.81	24.50' RT	776.00	563013.51	829976.44
610	107+81.39	24.50' RT	775.99	563014.10	829976.44
611	107+83.68	24.50' RT	776.02	563016.39	829976.43
612	107+60.24	29.50' RT	776.83	562992.95	829981.46
613	107+70.24	29.50' RT	776.36	563002.95	829981.45
614	107+75.24	29.50' RT	776.29	563007.95	829981.44
615	107+82.91	29.50' RT	775.92	563015.62	829981.43
616	107+83.42	29.50' RT	775.91	563016.13	829981.43
617	107+85.47	29.50' RT	775.95	563018.18	829981.43
618	107+70.30	39.76' RT	776.50	563003.02	829991.71
619	107+75.23	39.77' RT	776.44	563007.95	829991.71
620	107+80.82	29.50' RT	775.95	563013.53	829981.44
621	107+70.24	18.99' RT	776.20	563002.94	829970.94
622	107+78.32	21.44' RT	776.30	563011.03	829973.38

LEGEND

- X — CURB RAMP TYPE
- XXX YYY.YY — POINT NUMBER & ELEVATION
- SLOPE INTERCEPTS
- SW7 — CONCRETE SIDEWALK 7-INCH
- EDGE OF FLARE
- SAW CUT CONCRETE
- NTF — UNPAVED NON-TRAVERSABLE FLARE (6:1)
- TF — PAVED TRAVERSABLE FLARE (10:1)
- L — LANDING

NOTES:

1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION
2. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONDITIONS
3. LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE JOINT LOCATIONS
4. ALL SIDEWALK SHALL BE 4-INCH UNLESS NOTED OTHERWISE NOTED ON THE PLANS
5. GRADE CHANGE BETWEEN THE GUTTER FLANGE SLOPE AND CURB RAMP SLOPE SHALL NOT EXCEED 11%
6. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS
7. ALL RECTANGULAR DETECTABLE WARNING FIELDS ARE 2' X 5' NATURAL PATINA UNLESS OTHERWISE NOTED..
8. PAN SLOPE OF INTEGRAL ACCEPT CURB IS 2% TYPICAL.

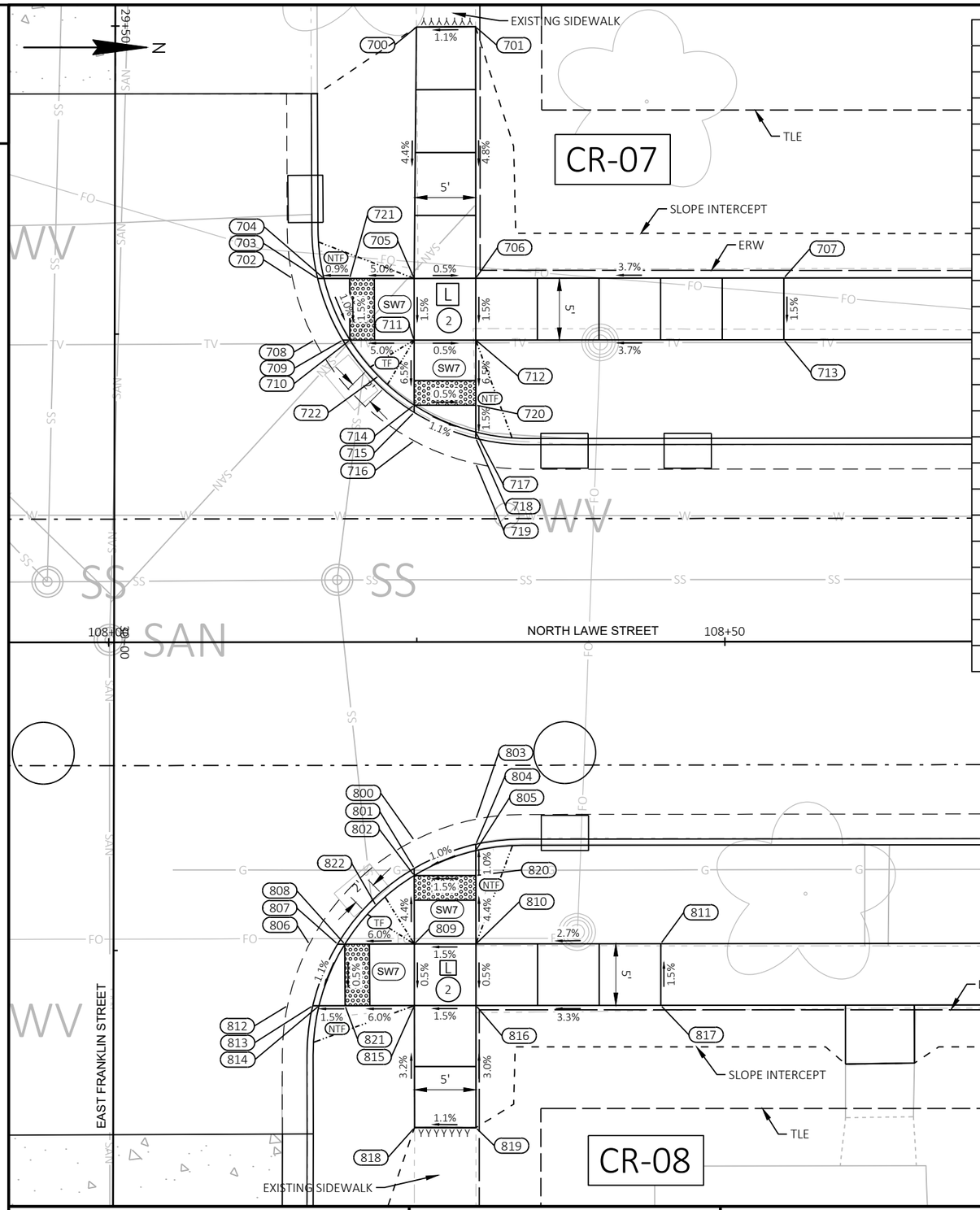


PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	CURB RAMP DETAILS	SHEET 38	E

FILE NAME : I:\45\450639 LAWE ST APPLETON\C3D\SHEETS\021301-CR.DWG
LAYOUT NAME - 021304-cr

PLOT DATE : 10/30/2025 12:42 PM PLOT BY : HOSPER, JAN PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 42



CR07					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
700	108+25.03	49.90' LT	777.83	563057.65	829901.99
701	108+29.82	49.92' LT	777.88	563062.44	829901.96
702	108+14.94	29.50' LT	776.69	563047.59	829922.40
703	108+16.99	29.50' LT	776.64	563049.64	829922.40
704	108+17.50	29.50' LT	776.65	563050.15	829922.40
705	108+24.81	29.50' LT	776.93	563057.46	829922.39
706	108+29.81	29.50' LT	776.91	563062.46	829922.38
707	108+54.81	29.50' LT	777.84	563087.46	829922.36
708	108+16.73	24.50' LT	776.64	563049.38	829927.40
709	108+19.02	24.50' LT	776.59	563051.67	829927.39
710	108+19.60	24.50' LT	776.60	563052.26	829927.39
711	108+24.81	24.50' LT	776.86	563057.46	829927.39
712	108+29.81	24.50' LT	776.83	563062.46	829927.38
713	108+54.81	24.50' LT	777.76	563087.46	829927.36
714	108+24.80	19.22' LT	776.51	563057.46	829932.67
715	108+24.80	18.63' LT	776.50	563057.46	829933.26
716	108+24.80	16.32' LT	776.53	563057.46	829935.57
717	108+29.80	17.03' LT	776.45	563062.46	829934.85
718	108+29.80	16.52' LT	776.44	563062.46	829935.37
719	108+29.80	14.46' LT	776.48	563062.46	829937.42
720	108+29.80	19.21' LT	776.49	563062.46	829932.67
721	108+19.59	29.50' LT	776.67	563052.23	829922.39
722	108+21.93	21.59' LT	776.81	563054.59	829930.30

CR08					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
800	108+24.78	16.09' RT	776.09	563057.47	829967.98
801	108+24.77	18.36' RT	776.03	563057.47	829970.25
802	108+24.77	18.94' RT	776.04	563057.47	829970.83
803	108+29.78	14.37' RT	776.14	563062.47	829966.25
804	108+29.78	16.41' RT	776.09	563062.47	829968.30
805	108+29.78	16.93' RT	776.10	563062.47	829968.81
806	108+16.26	24.50' RT	775.97	563048.96	829976.40
807	108+18.55	24.50' RT	775.94	563051.25	829976.40
808	108+19.13	24.50' RT	775.95	563051.84	829976.39
809	108+24.77	24.50' RT	776.29	563057.48	829976.39
810	108+29.77	24.50' RT	776.36	563062.48	829976.38
811	108+44.77	24.50' RT	776.76	563077.48	829976.37
812	108+14.47	29.50' RT	775.92	563047.18	829981.40
813	108+16.52	29.50' RT	775.88	563049.23	829981.40
814	108+17.03	29.50' RT	775.89	563049.75	829981.40
815	108+24.77	29.50' RT	776.26	563057.48	829981.39
816	108+29.77	29.50' RT	776.33	563062.48	829981.38
817	108+44.77	29.50' RT	776.83	563077.48	829981.37
818	108+24.77	39.39' RT	776.58	563057.49	829991.28
819	108+29.76	39.41' RT	776.63	563062.48	829991.29
820	108+29.77	18.94' RT	776.12	563062.47	829970.83
821	108+19.15	29.50' RT	776.29	563051.86	829981.39
822	108+21.68	21.38' RT	776.26	563054.38	829973.27

LEGEND

- X — CURB RAMP TYPE
- XXX / YYY.YY — POINT NUMBER & ELEVATION
- SLOPE INTERCEPTS
- SW7 — CONCRETE SIDEWALK 7-INCH
- EDGE OF FLARE
- SAW CUT CONCRETE
- NTF — UNPAVED NON-TRAVERSABLE FLARE (6:1)
- TF — PAVED TRAVERSABLE FLARE (10:1)
- L — LANDING

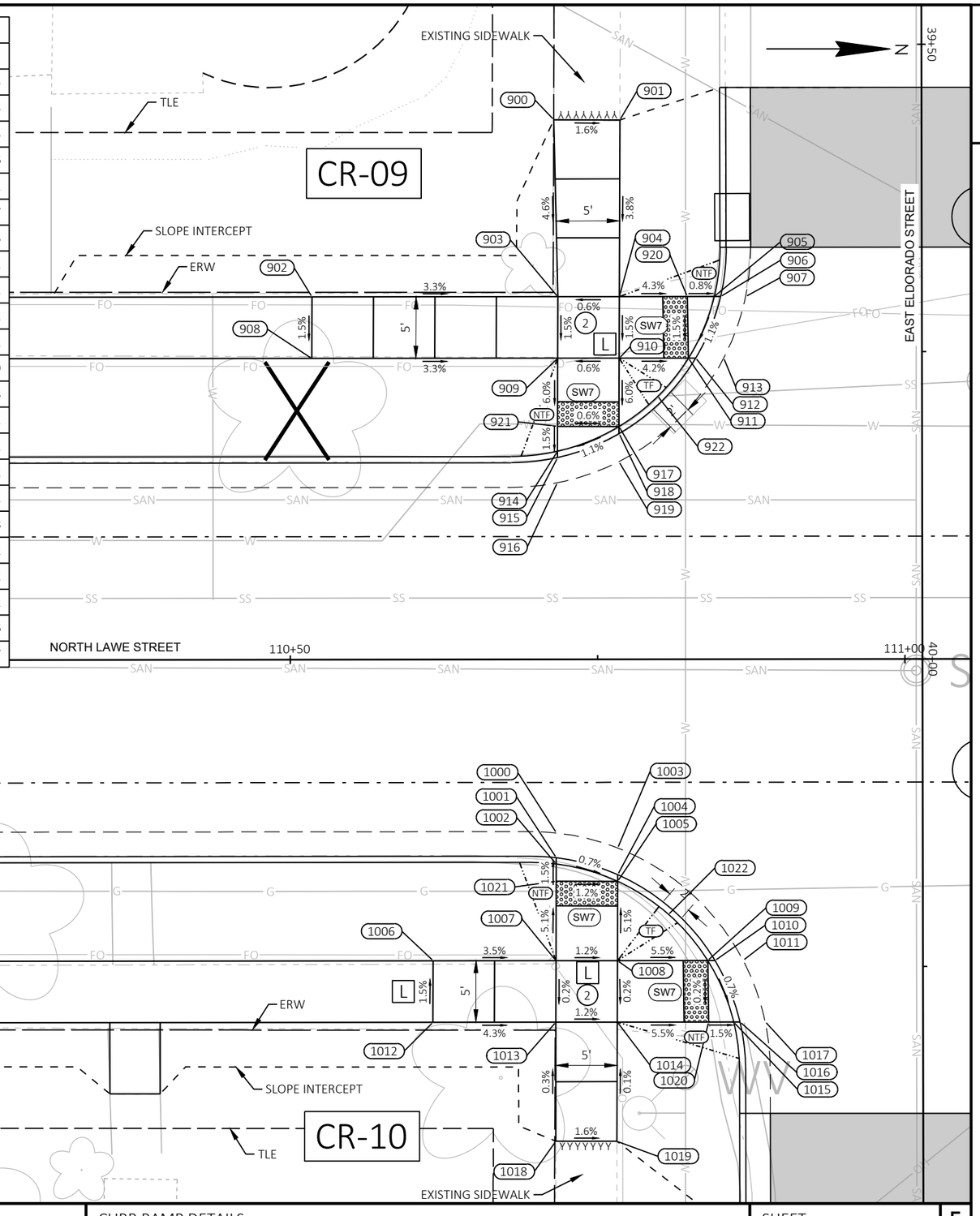
NOTES:

1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION
2. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONDITIONS
3. LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE JOINT LOCATIONS
4. ALL SIDEWALK SHALL BE 4-INCH UNLESS NOTED OTHERWISE NOTED ON THE PLANS
5. GRADE CHANGE BETWEEN THE GUTTER FLANGE SLOPE AND CURB RAMP SLOPE SHALL NOT EXCEED 11%
6. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS
7. ALL RECTANGULAR DETECTABLE WARNING FIELDS ARE 2' X 5' NATURAL PATINA UNLESS OTHERWISE NOTED..
8. PAN SLOPE OF INTEGRAL ACCEPT CURB IS 2% TYPICAL.

PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	CURB RAMP DETAILS	SHEET 39	E

CR09					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
900	110+71.49	43.89' LT	778.60	563304.12	829907.73
901	110+76.87	43.86' LT	778.52	563309.50	829907.75
902	110+51.81	29.50' LT	778.61	563284.46	829922.14
903	110+71.81	29.50' LT	777.94	563304.46	829922.12
904	110+76.81	29.50' LT	777.97	563309.46	829922.12
905	110+84.51	29.50' LT	777.72	563317.16	829922.11
906	110+85.03	29.50' LT	777.71	563317.68	829922.11
907	110+87.08	29.50' LT	777.75	563319.72	829922.10
908	110+51.79	24.50' LT	778.53	563284.44	829927.14
909	110+71.79	24.50' LT	777.87	563304.44	829927.12
910	110+76.79	24.50' LT	777.90	563309.44	829927.12
911	110+82.41	24.50' LT	777.66	563315.07	829927.11
912	110+83.00	24.50' LT	777.65	563315.65	829927.11
913	110+85.29	24.50' LT	777.70	563317.94	829927.11
914	110+71.76	16.92' LT	777.51	563304.42	829934.70
915	110+71.76	16.41' LT	777.50	563304.42	829935.21
916	110+71.75	14.37' LT	777.53	563304.41	829937.26
917	110+76.77	18.94' LT	777.57	563309.43	829932.68
918	110+76.77	18.36' LT	777.56	563309.43	829933.26
919	110+76.76	16.08' LT	777.58	563309.42	829935.53
920	110+82.35	29.50' LT	777.73	563314.99	829922.11
921	110+71.77	18.96' LT	777.54	563304.43	829932.66
922	110+79.90	21.41' LT	777.87	563312.56	829930.20

CR10					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
1000	110+71.64	14.12' RT	777.29	563304.33	829965.74
1001	110+71.63	16.13' RT	777.22	563304.33	829967.75
1002	110+71.63	16.63' RT	777.23	563304.33	829968.25
1003	110+76.63	15.34' RT	777.24	563309.33	829966.96
1004	110+76.63	17.51' RT	777.18	563309.32	829969.12
1005	110+76.62	18.05' RT	777.19	563309.32	829969.67
1006	110+61.60	24.50' RT	777.93	563294.30	829976.13
1007	110+71.60	24.50' RT	777.58	563304.30	829976.12
1008	110+76.60	24.50' RT	777.52	563309.30	829976.12
1009	110+83.95	24.50' RT	777.11	563316.65	829976.11
1010	110+84.53	24.50' RT	777.10	563317.24	829976.11
1011	110+86.82	24.50' RT	777.14	563319.53	829976.10
1012	110+61.58	29.50' RT	778.00	563294.29	829981.13
1013	110+71.58	29.50' RT	777.57	563304.29	829981.12
1014	110+76.59	29.50' RT	777.51	563309.30	829981.12
1015	110+86.05	29.51' RT	777.07	563318.76	829981.11
1016	110+86.56	29.50' RT	777.06	563319.27	829981.11
1017	110+88.60	29.47' RT	777.10	563321.31	829981.08
1018	110+71.57	39.18' RT	777.60	563304.29	829990.81
1019	110+76.54	39.19' RT	777.52	563309.26	829990.81
1020	110+84.01	29.50' RT	777.10	563316.72	829981.11
1021	110+71.62	18.03' RT	777.25	563304.32	829969.66
1022	110+80.73	20.76' RT	777.49	563313.44	829972.37

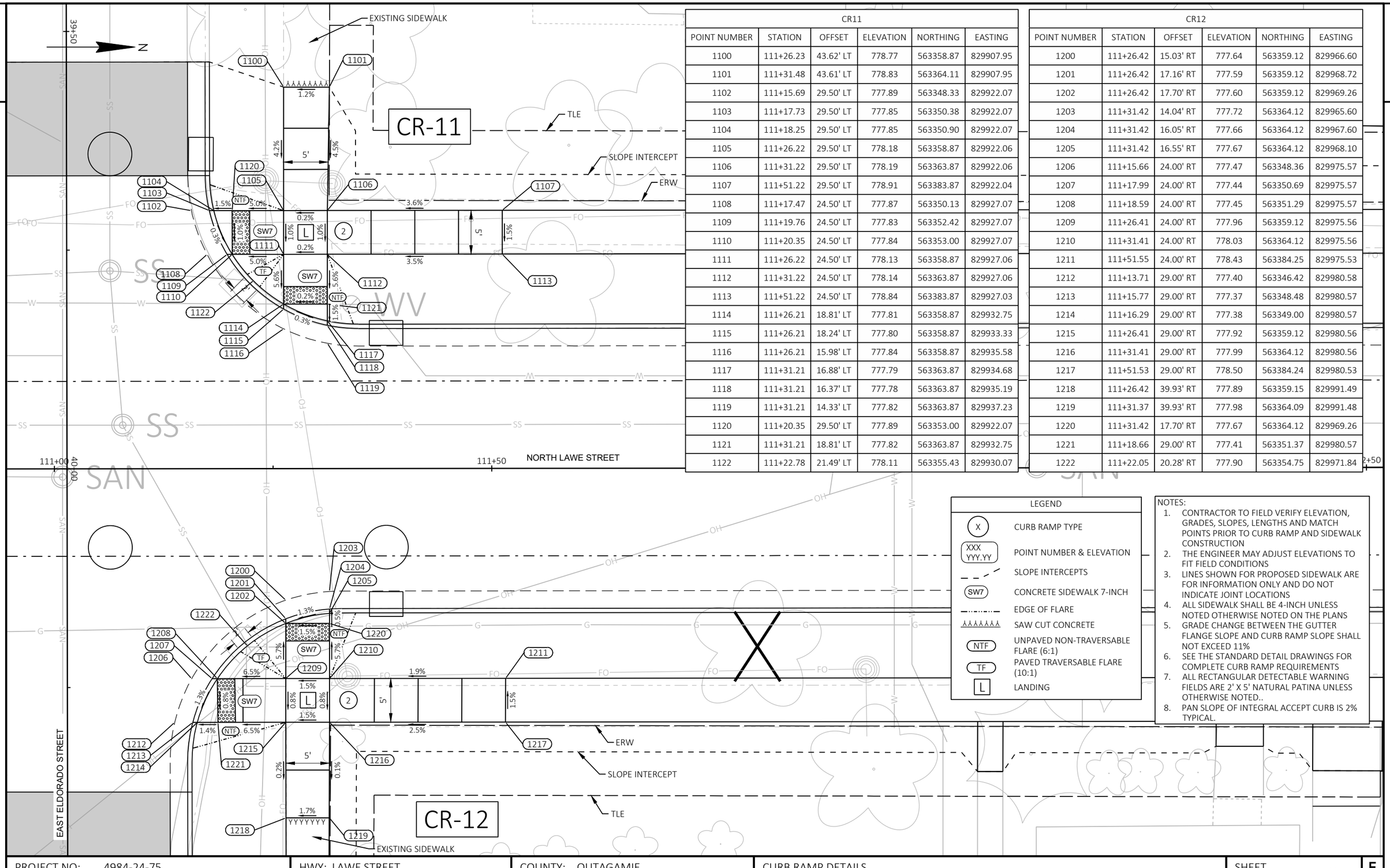


NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION
2. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONDITIONS
3. LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE JOINT LOCATIONS
4. ALL SIDEWALK SHALL BE 4-INCH UNLESS NOTED OTHERWISE NOTED ON THE PLANS
5. GRADE CHANGE BETWEEN THE GUTTER FLANGE SLOPE AND CURB RAMP SLOPE SHALL NOT EXCEED 11%
6. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS
7. ALL RECTANGULAR DETECTABLE WARNING FIELDS ARE 2' X 5' NATURAL PATINA UNLESS OTHERWISE NOTED..
8. PAN SLOPE OF INTEGRAL ACCEPT CURB IS 2% TYPICAL.

LEGEND

X	CURB RAMP TYPE
XXX YYY.YY	POINT NUMBER & ELEVATION
	SLOPE INTERCEPTS
SW7	CONCRETE SIDEWALK 7-INCH
	EDGE OF FLARE
	SAW CUT CONCRETE
NTF	UNPAVED NON-TRAVERSABLE FLARE (6:1)
TF	PAVED TRAVERSABLE FLARE (10:1)
L	LANDING

PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	CURB RAMP DETAILS	SHEET 40	E



CR11					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
1100	111+26.23	43.62' LT	778.77	563358.87	829907.95
1101	111+31.48	43.61' LT	778.83	563364.11	829907.95
1102	111+15.69	29.50' LT	777.89	563348.33	829922.07
1103	111+17.73	29.50' LT	777.85	563350.38	829922.07
1104	111+18.25	29.50' LT	777.85	563350.90	829922.07
1105	111+26.22	29.50' LT	778.18	563358.87	829922.06
1106	111+31.22	29.50' LT	778.19	563363.87	829922.06
1107	111+51.22	29.50' LT	778.91	563383.87	829922.04
1108	111+17.47	24.50' LT	777.87	563350.13	829927.07
1109	111+19.76	24.50' LT	777.83	563352.42	829927.07
1110	111+20.35	24.50' LT	777.84	563353.00	829927.07
1111	111+26.22	24.50' LT	778.13	563358.87	829927.06
1112	111+31.22	24.50' LT	778.14	563363.87	829927.06
1113	111+51.22	24.50' LT	778.84	563383.87	829927.03
1114	111+26.21	18.81' LT	777.81	563358.87	829932.75
1115	111+26.21	18.24' LT	777.80	563358.87	829933.33
1116	111+26.21	15.98' LT	777.84	563358.87	829935.58
1117	111+31.21	16.88' LT	777.79	563363.87	829934.68
1118	111+31.21	16.37' LT	777.78	563363.87	829935.19
1119	111+31.21	14.33' LT	777.82	563363.87	829937.23
1120	111+20.35	29.50' LT	777.89	563353.00	829922.07
1121	111+31.21	18.81' LT	777.82	563363.87	829932.75
1122	111+22.78	21.49' LT	778.11	563355.43	829930.07

CR12					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
1200	111+26.42	15.03' RT	777.64	563359.12	829966.60
1201	111+26.42	17.16' RT	777.59	563359.12	829968.72
1202	111+26.42	17.70' RT	777.60	563359.12	829969.26
1203	111+31.42	14.04' RT	777.72	563364.12	829965.60
1204	111+31.42	16.05' RT	777.66	563364.12	829967.60
1205	111+31.42	16.55' RT	777.67	563364.12	829968.10
1206	111+15.66	24.00' RT	777.47	563348.36	829975.57
1207	111+17.99	24.00' RT	777.44	563350.69	829975.57
1208	111+18.59	24.00' RT	777.45	563351.29	829975.57
1209	111+26.41	24.00' RT	777.96	563359.12	829975.56
1210	111+31.41	24.00' RT	778.03	563364.12	829975.56
1211	111+51.55	24.00' RT	778.43	563384.25	829975.53
1212	111+13.71	29.00' RT	777.40	563346.42	829980.58
1213	111+15.77	29.00' RT	777.37	563348.48	829980.57
1214	111+16.29	29.00' RT	777.38	563349.00	829980.57
1215	111+26.41	29.00' RT	777.92	563359.12	829980.56
1216	111+31.41	29.00' RT	777.99	563364.12	829980.56
1217	111+51.53	29.00' RT	778.50	563384.24	829980.53
1218	111+26.42	39.93' RT	777.89	563359.15	829991.49
1219	111+31.37	39.93' RT	777.98	563364.09	829991.48
1220	111+31.42	17.70' RT	777.67	563364.12	829969.26
1221	111+18.66	29.00' RT	777.41	563351.37	829980.57
1222	111+22.05	20.28' RT	777.90	563354.75	829971.84

LEGEND

- X — CURB RAMP TYPE
- XXX YYY.YY — POINT NUMBER & ELEVATION
- SLOPE INTERCEPTS
- SW7 — CONCRETE SIDEWALK 7-INCH
- EDGE OF FLARE
- SAW CUT CONCRETE
- NTF — UNPAVED NON-TRAVERSABLE FLARE (6:1)
- TF — PAVED TRAVERSABLE FLARE (10:1)
- L — LANDING

NOTES:

1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION
2. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONDITIONS
3. LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE JOINT LOCATIONS
4. ALL SIDEWALK SHALL BE 4-INCH UNLESS NOTED OTHERWISE NOTED ON THE PLANS
5. GRADE CHANGE BETWEEN THE GUTTER FLANGE SLOPE AND CURB RAMP SLOPE SHALL NOT EXCEED 11%
6. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS
7. ALL RECTANGULAR DETECTABLE WARNING FIELDS ARE 2' X 5' NATURAL PATINA UNLESS OTHERWISE NOTED..
8. PAN SLOPE OF INTEGRAL ACCEPT CURB IS 2% TYPICAL.

PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	CURB RAMP DETAILS	SHEET 41	E

2

CR13					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
1300	113+73.03	40.48' LT	779.10	563605.67	829910.82
1301	113+77.99	40.48' LT	779.02	563610.62	829910.81
1302	113+46.24	29.50' LT	779.41	563578.89	829921.82
1303	113+61.25	29.50' LT	778.95	563593.90	829921.81
1304	113+67.25	29.50' LT	778.94	563599.90	829921.80
1305	113+73.00	29.80' LT	778.66	563605.64	829921.49
1306	113+78.00	29.80' LT	778.58	563610.65	829921.49
1307	113+83.99	29.80' LT	778.37	563616.63	829921.48
1308	113+84.54	29.80' LT	778.36	563617.19	829921.48
1309	113+86.74	29.80' LT	778.39	563619.39	829921.48
1310	113+46.24	24.50' LT	779.33	563578.89	829926.82
1311	113+61.24	24.50' LT	778.87	563593.89	829926.81
1312	113+67.24	24.50' LT	778.87	563599.89	829926.80
1313	113+72.98	24.80' LT	778.69	563605.64	829926.49
1314	113+78.02	24.80' LT	778.61	563610.67	829926.49
1315	113+80.13	24.80' LT	778.46	563612.78	829926.48
1316	113+80.87	24.80' LT	778.45	563613.52	829926.48
1317	113+83.63	24.80' LT	778.47	563616.28	829926.48
1318	113+61.24	20.50' LT	778.69	563593.89	829930.81
1319	113+61.24	20.00' LT	778.69	563593.90	829931.31
1320	113+61.24	18.00' LT	778.72	563593.90	829933.31
1321	113+67.24	20.50' LT	778.69	563599.89	829930.80
1322	113+67.24	20.00' LT	778.68	563599.90	829931.30
1323	113+67.24	18.00' LT	778.71	563599.90	829933.30
1324	113+80.14	29.80' LT	778.43	563612.78	829921.48
1325	113+73.07	51.15' LT	779.62	563605.69	829900.15
1326	113+77.98	51.15' LT	779.51	563610.60	829900.14
1327	113+74.11	21.37' LT	779.06	563606.77	829929.92

N

LEGEND

- X — CURB RAMP TYPE
- XXX / YYY.YY — POINT NUMBER & ELEVATION
- SLOPE INTERCEPTS
- SW7 — CONCRETE SIDEWALK 7-INCH
- EDGE OF FLARE
- SAW CUT CONCRETE
- NTF — UNPAVED NON-TRAVERSABLE FLARE (6:1)
- TF — PAVED TRAVERSABLE FLARE (10:1)
- L — LANDING

NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION
2. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONDITIONS
3. LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE JOINT LOCATIONS
4. ALL SIDEWALK SHALL BE 4-INCH UNLESS NOTED OTHERWISE NOTED ON THE PLANS
5. GRADE CHANGE BETWEEN THE GUTTER FLANGE SLOPE AND CURB RAMP SLOPE SHALL NOT EXCEED 11%
6. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS
7. ALL RECTANGULAR DETECTABLE WARNING FIELDS ARE 2' X 5' NATURAL PATINA UNLESS OTHERWISE NOTED..
8. PAN SLOPE OF INTEGRAL ACCEPT CURB IS 2% TYPICAL.

CR-13

EXISTING SIDEWALK

TLE

SLOPE INTERCEPT

ERW

EAST NORTH STREET

NORTH LAWE STREET

CR-16

EXISTING SIDEWALK

TLE

SLOPE INTERCEPT

ERW

NORTH LAWE STREET

CR16					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
1600	114+27.62	53.98' LT	779.52	563660.24	829897.26
1601	114+32.66	53.97' LT	779.51	563665.28	829897.26
1602	114+18.20	29.50' LT	778.23	563650.85	829921.75
1603	114+20.42	29.50' LT	778.19	563653.07	829921.74
1604	114+20.99	29.50' LT	778.20	563653.63	829921.74
1605	114+27.67	29.50' LT	778.45	563660.32	829921.74
1606	114+32.67	29.50' LT	778.52	563665.32	829921.73
1607	114+35.55	29.50' LT	778.65	563668.19	829921.73
1608	114+41.55	29.50' LT	778.57	563674.19	829921.72
1609	114+56.55	29.50' LT	779.00	563689.19	829921.70
1610	114+21.45	24.50' LT	778.25	563654.10	829926.74
1611	114+24.27	24.50' LT	778.21	563656.92	829926.74
1612	114+25.03	24.50' LT	778.22	563657.68	829926.74
1613	114+27.67	24.50' LT	778.41	563660.33	829926.74
1614	114+32.67	24.50' LT	778.48	563665.33	829926.73
1615	114+35.55	24.50' LT	778.57	563668.20	829926.73
1616	114+41.55	24.50' LT	778.49	563674.20	829926.72
1617	114+56.55	24.50' LT	778.93	563689.20	829926.70
1618	114+35.55	20.51' LT	778.33	563668.20	829930.72
1619	114+35.55	20.01' LT	778.33	563668.20	829931.22
1620	114+35.55	18.00' LT	778.36	563668.21	829933.23
1621	114+41.55	20.50' LT	778.25	563674.20	829930.72
1622	114+41.55	20.00' LT	778.24	563674.20	829931.22
1623	114+41.55	18.00' LT	778.27	563674.21	829933.22
1624	114+25.02	29.50' LT	778.26	563657.67	829921.74
1625	114+29.96	21.64' LT	778.72	563662.62	829929.59

2

PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	CURB RAMP DETAILS	SHEET 42	E

FILE NAME : I:\45\450639 LAWE ST APPLETON\C3D\SHEETS\021301-CR.DWG
LAYOUT NAME - 021308-cr

PLOT DATE : 10/30/2025 12:43 PM PLOT BY : HOSPER, JAN PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 42

2

CR14					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
1400	113+61.24	4.00' LT	778.93	563593.91	829947.31
1401	113+61.24	3.00' LT	778.94	563593.91	829948.31
1402	113+61.24	1.00' LT	778.97	563593.92	829950.31
1403	113+61.24	0.00'	778.98	563593.92	829951.31
1404	113+61.24	1.00' RT	778.97	563593.92	829952.31
1405	113+61.24	3.00' RT	778.94	563593.92	829954.31
1406	113+61.24	4.00' RT	778.93	563593.92	829955.31
1407	113+67.24	4.00' LT	778.92	563599.91	829947.30
1408	113+67.24	3.00' LT	778.94	563599.91	829948.30
1409	113+67.24	1.00' LT	778.97	563599.92	829950.30
1410	113+67.24	0.00'	778.98	563599.92	829951.30
1411	113+67.24	1.00' RT	778.96	563599.92	829952.30
1412	113+67.24	3.00' RT	778.93	563599.92	829954.30
1413	113+67.24	4.00' RT	778.92	563599.92	829955.30

N

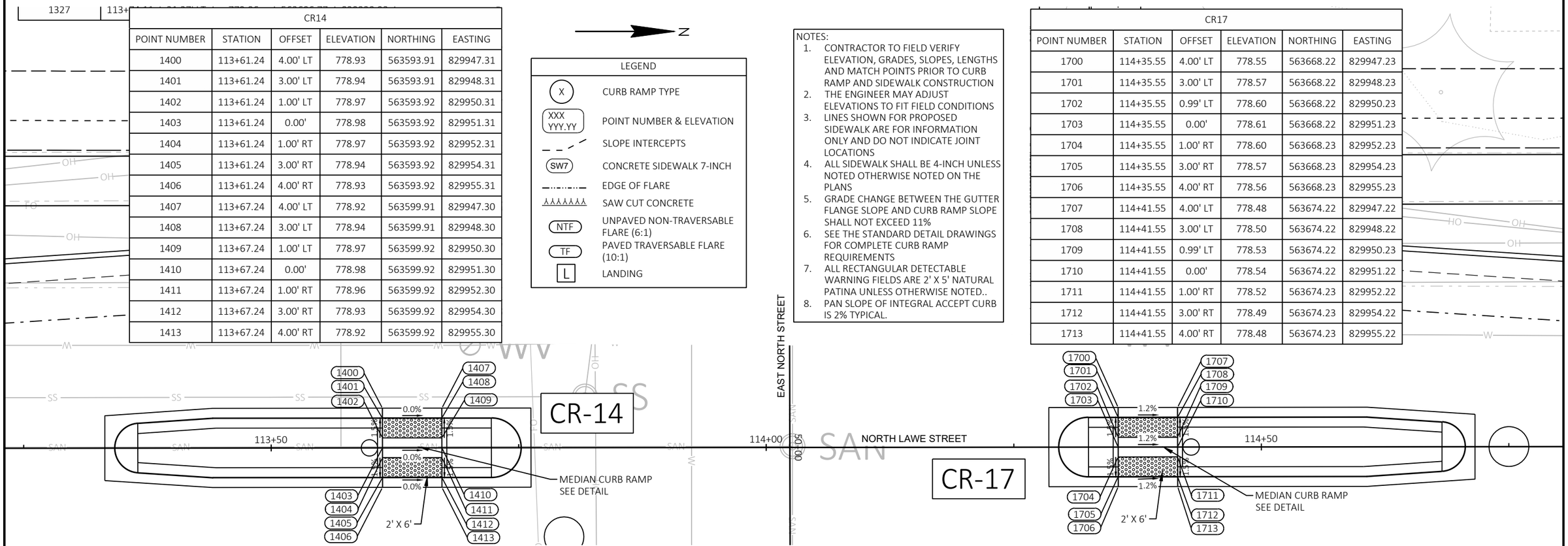
LEGEND

- X — CURB RAMP TYPE
- XXX YYY.YY — POINT NUMBER & ELEVATION
- SLOPE INTERCEPTS
- SW7 — CONCRETE SIDEWALK 7-INCH
- EDGE OF FLARE
- SAW CUT CONCRETE
- NTF — UNPAVED NON-TRAVERSABLE FLARE (6:1)
- TF — PAVED TRAVERSABLE FLARE (10:1)
- L — LANDING

NOTES:

1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION
2. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONDITIONS
3. LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE JOINT LOCATIONS
4. ALL SIDEWALK SHALL BE 4-INCH UNLESS NOTED OTHERWISE NOTED ON THE PLANS
5. GRADE CHANGE BETWEEN THE GUTTER FLANGE SLOPE AND CURB RAMP SLOPE SHALL NOT EXCEED 11%
6. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS
7. ALL RECTANGULAR DETECTABLE WARNING FIELDS ARE 2' X 5' NATURAL PATINA UNLESS OTHERWISE NOTED..
8. PAN SLOPE OF INTEGRAL ACCEPT CURB IS 2% TYPICAL.

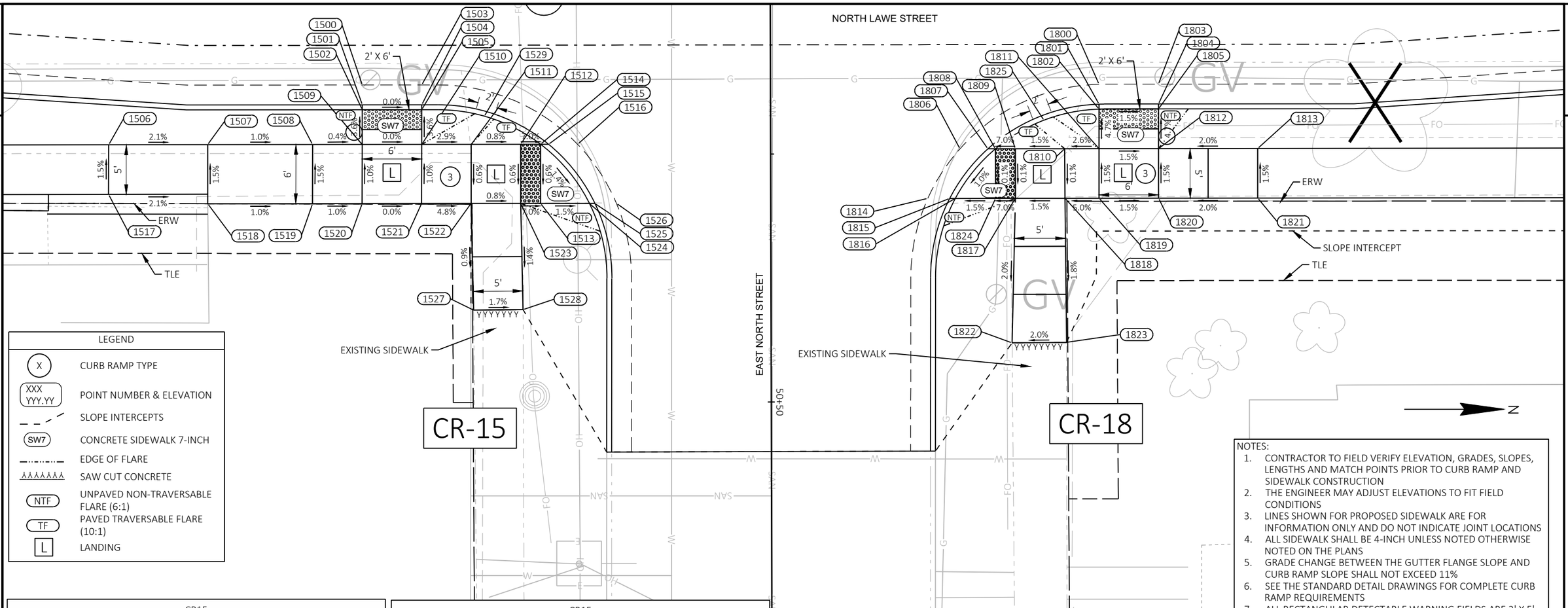
CR17					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
1700	114+35.55	4.00' LT	778.55	563668.22	829947.23
1701	114+35.55	3.00' LT	778.57	563668.22	829948.23
1702	114+35.55	0.99' LT	778.60	563668.22	829950.23
1703	114+35.55	0.00'	778.61	563668.22	829951.23
1704	114+35.55	1.00' RT	778.60	563668.23	829952.23
1705	114+35.55	3.00' RT	778.57	563668.23	829954.23
1706	114+35.55	4.00' RT	778.56	563668.23	829955.23
1707	114+41.55	4.00' LT	778.48	563674.22	829947.22
1708	114+41.55	3.00' LT	778.50	563674.22	829948.22
1709	114+41.55	0.99' LT	778.53	563674.22	829950.23
1710	114+41.55	0.00'	778.54	563674.22	829951.22
1711	114+41.55	1.00' RT	778.52	563674.23	829952.22
1712	114+41.55	3.00' RT	778.49	563674.23	829954.22
1713	114+41.55	4.00' RT	778.48	563674.23	829955.22



PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	CURB RAMP DETAILS	SHEET 43	E

FILE NAME : I:\45\450639 LAWE ST APPLETON\C3D\SHEETS\021301-CR.DWG
LAYOUT NAME - 021309-cr

PLOT DATE : 10/30/2025 12:43 PM PLOT BY : HOSPER, JAN PLOT NAME : PLOT SCALE : 1 IN:10 FT



LEGEND

- X — CURB RAMP TYPE
- XXX YYY.YY — POINT NUMBER & ELEVATION
- SLOPE INTERCEPTS
- SW7 — CONCRETE SIDEWALK 7-INCH
- EDGE OF FLARE
- SAW CUT CONCRETE
- NTF — UNPAVED NON-TRAVERSABLE FLARE (6:1)
- TF — PAVED TRAVERSABLE FLARE (10:1)
- L — LANDING

NOTES:

1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION
2. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONDITIONS
3. LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE JOINT LOCATIONS
4. ALL SIDEWALK SHALL BE 4-INCH UNLESS NOTED OTHERWISE NOTED ON THE PLANS
5. GRADE CHANGE BETWEEN THE GUTTER FLANGE SLOPE AND CURB RAMP SLOPE SHALL NOT EXCEED 11%
6. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS
7. ALL RECTANGULAR DETECTABLE WARNING FIELDS ARE 2' X 5' NATURAL PATINA UNLESS OTHERWISE NOTED..
8. PAN SLOPE OF INTEGRAL ACCEPT CURB IS 2% TYPICAL.

CR15

POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
1500	113+61.25	18.00' RT	778.79	563593.95	829969.31
1501	113+61.25	20.00' RT	778.77	563593.95	829971.31
1502	113+61.25	20.50' RT	778.77	563593.95	829971.81
1503	113+67.25	18.00' RT	778.78	563599.95	829969.30
1504	113+67.25	20.00' RT	778.76	563599.95	829971.30
1505	113+67.25	20.50' RT	778.77	563599.95	829971.80
1506	113+35.68	24.00' RT	779.23	563568.38	829975.34
1507	113+45.66	24.00' RT	779.03	563578.36	829975.32
1508	113+56.24	24.00' RT	778.92	563588.95	829975.31
1509	113+61.24	24.00' RT	778.90	563593.95	829975.31
1510	113+67.24	24.00' RT	778.90	563599.95	829975.30
1511	113+72.23	24.00' RT	778.75	563604.93	829975.30
1512	113+77.23	24.00' RT	778.71	563609.93	829975.29
1513	113+79.22	29.96' RT	778.54	563611.93	829981.25
1514	113+79.23	24.00' RT	778.57	563611.93	829975.29

CR15

POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
1515	113+80.03	24.00' RT	778.56	563612.73	829975.29
1516	113+82.96	24.00' RT	778.57	563615.67	829975.28
1517	113+35.66	29.00' RT	779.31	563568.37	829980.34
1518	113+45.65	29.97' RT	779.11	563578.36	829981.29
1519	113+56.22	29.96' RT	779.01	563588.93	829981.28
1520	113+61.22	29.96' RT	778.96	563593.94	829981.27
1521	113+67.22	29.96' RT	778.96	563599.94	829981.26
1522	113+72.22	29.95' RT	778.72	563604.93	829981.25
1523	113+77.22	29.96' RT	778.68	563609.93	829981.25
1524	113+84.13	29.97' RT	778.47	563616.84	829981.25
1525	113+84.69	29.97' RT	778.46	563617.40	829981.25
1526	113+86.88	29.97' RT	778.49	563619.59	829981.25
1527	113+72.46	40.71' RT	778.62	563605.18	829992.01
1528	113+77.45	40.66' RT	778.53	563610.17	829991.95
1529	113+73.55	21.18' RT	779.13	563606.25	829972.48

CR18

POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
1800	114+35.55	18.01' RT	778.43	563668.24	829969.23
1801	114+35.55	20.01' RT	778.41	563668.25	829971.23
1802	114+35.55	20.51' RT	778.42	563668.25	829971.73
1803	114+41.55	18.00' RT	778.34	563674.24	829969.22
1804	114+41.55	20.00' RT	778.32	563674.25	829971.22
1805	114+41.55	20.51' RT	778.33	563674.25	829971.73
1806	114+21.51	24.50' RT	778.31	563654.22	829975.74
1807	114+24.33	24.50' RT	778.29	563657.04	829975.74
1808	114+25.09	24.50' RT	778.30	563657.80	829975.74
1809	114+27.09	24.50' RT	778.44	563659.80	829975.74
1810	114+32.08	24.50' RT	778.52	563664.79	829975.73
1811	114+35.55	24.50' RT	778.61	563668.25	829975.73
1812	114+41.55	24.50' RT	778.52	563674.25	829975.72
1813	114+51.55	24.50' RT	778.72	563684.25	829975.71

CR18

POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
1814	114+18.26	29.50' RT	778.26	563650.97	829980.75
1815	114+20.48	29.50' RT	778.23	563653.19	829980.74
1816	114+21.05	29.50' RT	778.23	563653.76	829980.74
1817	114+27.10	29.50' RT	778.44	563659.81	829980.73
1818	114+32.10	29.50' RT	778.51	563664.81	829980.73
1819	114+35.54	29.50' RT	778.68	563668.25	829980.73
1820	114+41.54	29.50' RT	778.59	563674.26	829980.72
1821	114+51.54	29.50' RT	778.79	563684.26	829980.71
1822	114+26.76	44.07' RT	778.14	563659.49	829995.31
1823	114+32.25	44.03' RT	778.25	563664.98	829995.26
1824	114+25.10	29.50' RT	778.30	563657.81	829980.73
1825	114+29.99	21.65' RT	778.82	563662.69	829972.88

PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	CURB RAMP DETAILS	SHEET 44	E

2

CR19					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
1900	119+13.15	50.05' LT	773.90	564145.77	829900.66
1901	119+17.99	50.01' LT	773.83	564150.62	829900.69
1902	118+84.30	29.50' LT	773.82	564116.95	829921.24
1903	118+98.90	29.50' LT	773.10	564131.54	829921.23
1904	119+04.90	29.50' LT	773.13	564137.54	829921.22
1905	119+12.85	29.50' LT	773.11	564145.49	829921.21
1906	119+17.70	29.50' LT	773.04	564150.35	829921.20
1907	119+23.79	29.50' LT	772.86	564156.43	829921.20
1908	119+24.35	29.50' LT	772.85	564157.00	829921.20
1909	119+26.57	29.50' LT	772.82	564159.22	829921.20
1910	118+84.30	24.50' LT	773.75	564116.95	829926.24
1911	118+98.90	24.50' LT	773.03	564131.55	829926.23
1912	119+04.90	24.50' LT	773.05	564137.55	829926.22
1913	119+12.82	24.50' LT	773.03	564145.47	829926.21
1914	119+17.68	24.50' LT	772.96	564150.33	829926.20
1915	119+19.75	24.50' LT	772.82	564152.40	829926.20
1916	119+20.51	24.50' LT	772.81	564153.16	829926.20
1917	119+23.32	24.50' LT	772.79	564155.98	829926.20
1918	118+98.90	20.50' LT	772.75	564131.55	829930.22
1919	118+98.90	20.00' LT	772.74	564131.55	829930.72
1920	118+98.89	18.00' LT	772.77	564131.55	829932.72
1921	119+04.90	20.49' LT	772.77	564137.55	829930.22
1922	119+04.90	19.99' LT	772.76	564137.55	829930.72
1923	119+04.89	17.99' LT	772.74	564137.55	829932.72
1924	119+19.77	29.50' LT	772.90	564152.42	829921.20
1925	119+18.13	60.01' LT	774.27	564150.74	829890.69

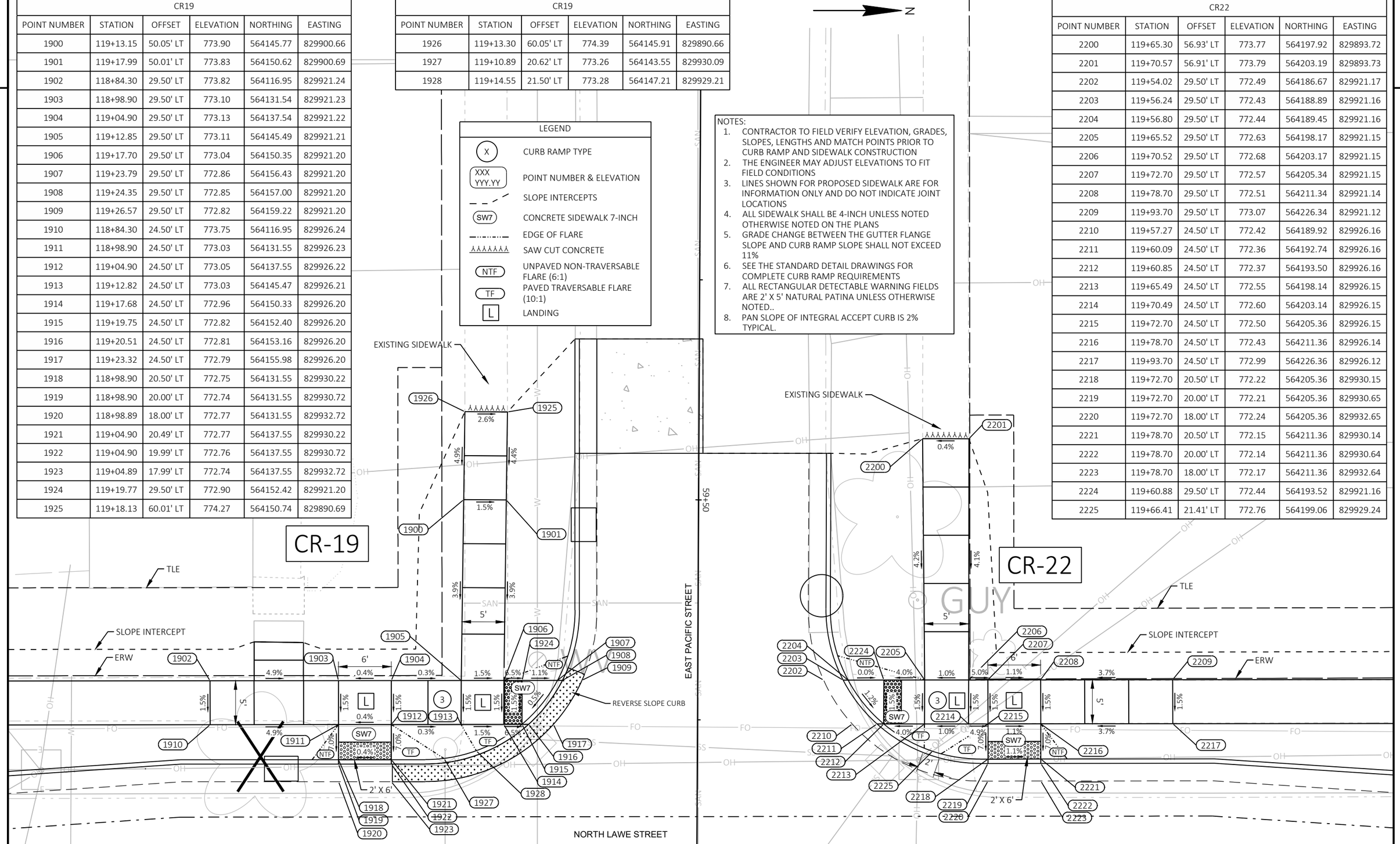
CR19					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
1926	119+13.30	60.05' LT	774.39	564145.91	829890.66
1927	119+10.89	20.62' LT	773.26	564143.55	829930.09
1928	119+14.55	21.50' LT	773.28	564147.21	829929.21

LEGEND

- X — CURB RAMP TYPE
- XXX / YYY.YY — POINT NUMBER & ELEVATION
- SLOPE INTERCEPTS
- SW7 — CONCRETE SIDEWALK 7-INCH
- EDGE OF FLARE
- SAW CUT CONCRETE
- NTF — UNPAVED NON-TRAVERSABLE FLARE (6:1)
- TF — PAVED TRAVERSABLE FLARE (10:1)
- L — LANDING

NOTES:
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CR22					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
2200	119+65.30	56.93' LT	773.77	564197.92	829893.72
2201	119+70.57	56.91' LT	773.79	564203.19	829893.73
2202	119+54.02	29.50' LT	772.49	564186.67	829921.17
2203	119+56.24	29.50' LT	772.43	564188.89	829921.16
2204	119+56.80	29.50' LT	772.44	564189.45	829921.16
2205	119+65.52	29.50' LT	772.63	564198.17	829921.15
2206	119+70.52	29.50' LT	772.68	564203.17	829921.15
2207	119+72.70	29.50' LT	772.57	564205.34	829921.15
2208	119+78.70	29.50' LT	772.51	564211.34	829921.14
2209	119+93.70	29.50' LT	773.07	564226.34	829921.12
2210	119+57.27	24.50' LT	772.42	564189.92	829926.16
2211	119+60.09	24.50' LT	772.36	564192.74	829926.16
2212	119+60.85	24.50' LT	772.37	564193.50	829926.16
2213	119+65.49	24.50' LT	772.55	564198.14	829926.15
2214	119+70.49	24.50' LT	772.60	564203.14	829926.15
2215	119+72.70	24.50' LT	772.50	564205.36	829926.15
2216	119+78.70	24.50' LT	772.43	564211.36	829926.14
2217	119+93.70	24.50' LT	772.99	564226.36	829926.12
2218	119+72.70	20.50' LT	772.22	564205.36	829930.15
2219	119+72.70	20.00' LT	772.21	564205.36	829930.65
2220	119+72.70	18.00' LT	772.24	564205.36	829932.65
2221	119+78.70	20.50' LT	772.15	564211.36	829930.14
2222	119+78.70	20.00' LT	772.14	564211.36	829930.64
2223	119+78.70	18.00' LT	772.17	564211.36	829932.64
2224	119+60.88	29.50' LT	772.44	564193.52	829921.16
2225	119+66.41	21.41' LT	772.76	564199.06	829929.24



PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	CURB RAMP DETAILS	SHEET 45	E

FILE NAME : I:\45\450639 LAWE ST APPLETON\C3D\SHEETS\021301-CR.DWG
LAYOUT NAME - 021311-cr
PLOT DATE : 10/30/2025 12:43 PM
PLOT BY : HOSPER, JAN
PLOT NAME :
PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 42

2

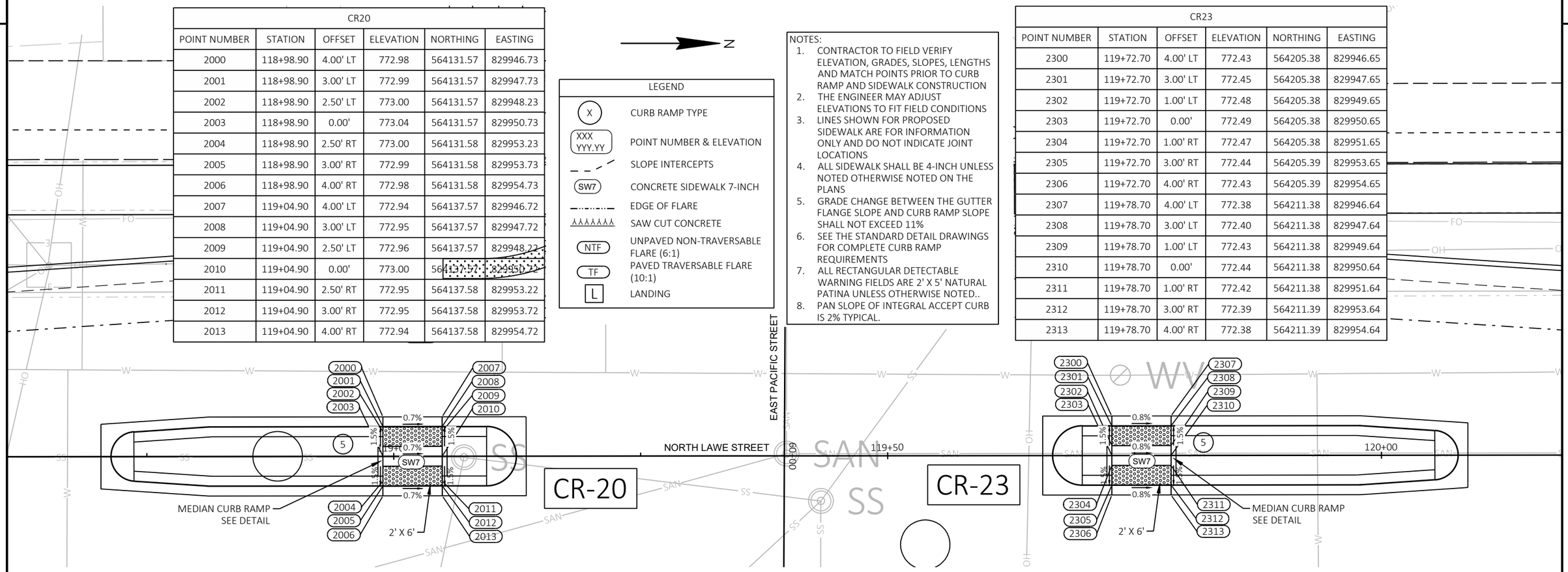
CR20					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
2000	118+98.90	4.00' LT	772.98	564131.57	829946.73
2001	118+98.90	3.00' LT	772.99	564131.57	829947.73
2002	118+98.90	2.50' LT	773.00	564131.57	829948.23
2003	118+98.90	0.00'	773.04	564131.57	829950.73
2004	118+98.90	2.50' RT	773.00	564131.58	829953.23
2005	118+98.90	3.00' RT	772.99	564131.58	829953.73
2006	118+98.90	4.00' RT	772.98	564131.58	829954.73
2007	119+04.90	4.00' LT	772.94	564137.57	829946.72
2008	119+04.90	3.00' LT	772.95	564137.57	829947.72
2009	119+04.90	2.50' LT	772.96	564137.57	829948.22
2010	119+04.90	0.00'	773.00	564137.57	829950.72
2011	119+04.90	2.50' RT	772.95	564137.58	829953.22
2012	119+04.90	3.00' RT	772.95	564137.58	829953.72
2013	119+04.90	4.00' RT	772.94	564137.58	829954.72

N

LEGEND	
X	CURB RAMP TYPE
XXX YYY.YY	POINT NUMBER & ELEVATION
	SLOPE INTERCEPTS
SW7	CONCRETE SIDEWALK 7-INCH
	EDGE OF FLARE
	SAW CUT CONCRETE
NTF	UNPAVED NON-TRAVERSABLE FLARE (6:1)
TF	PAVED TRAVERSABLE FLARE (10:1)
L	LANDING

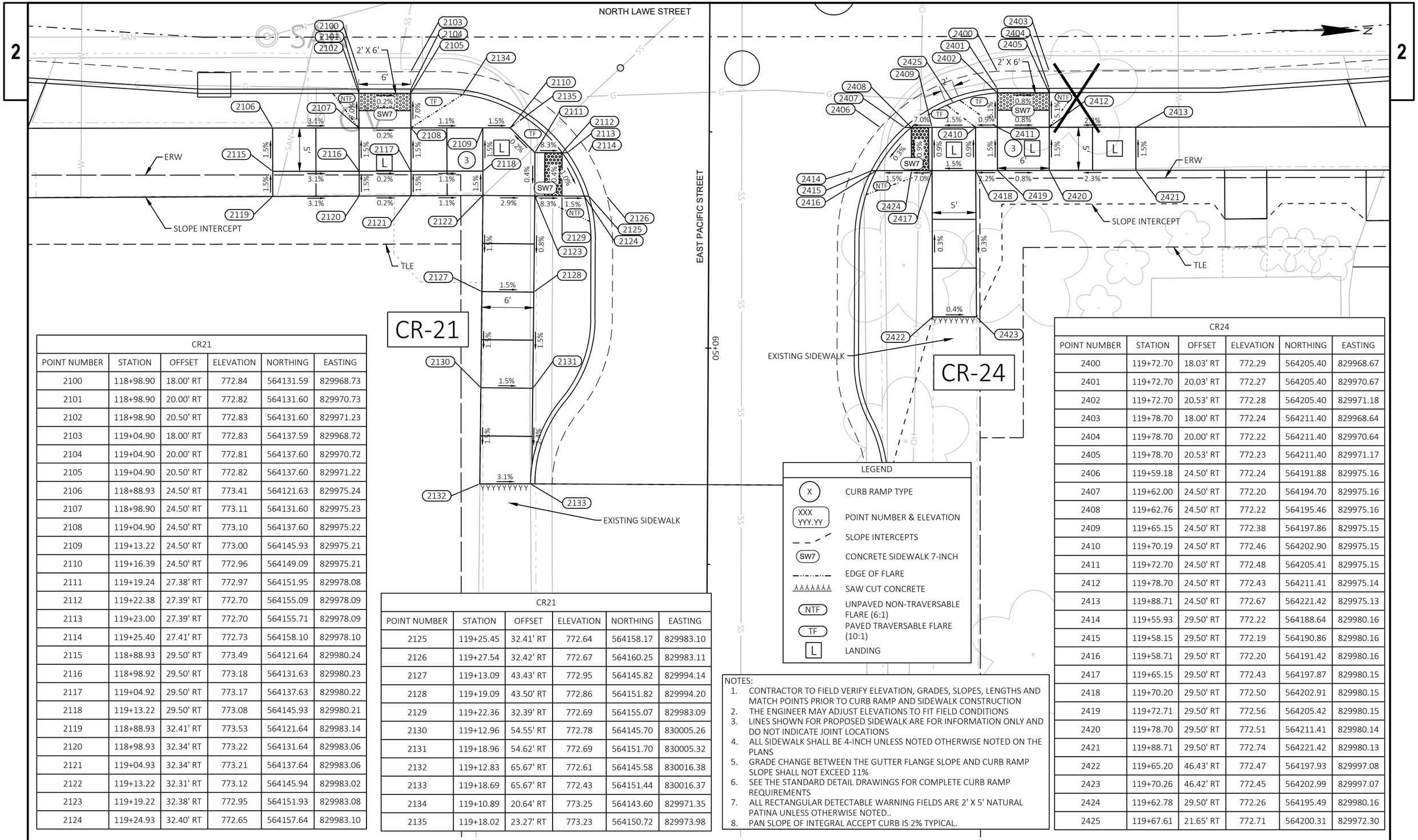
NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION
2. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONDITIONS
3. LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE JOINT LOCATIONS
4. ALL SIDEWALK SHALL BE 4-INCH UNLESS NOTED OTHERWISE NOTED ON THE PLANS
5. GRADE CHANGE BETWEEN THE GUTTER FLANGE SLOPE AND CURB RAMP SLOPE SHALL NOT EXCEED 11%
6. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS
7. ALL RECTANGULAR DETECTABLE WARNING FIELDS ARE 2' X 5' NATURAL PATINA UNLESS OTHERWISE NOTED..
8. PAN SLOPE OF INTEGRAL ACCEPT CURB IS 2% TYPICAL.

CR23					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
2300	119+72.70	4.00' LT	772.43	564205.38	829946.65
2301	119+72.70	3.00' LT	772.45	564205.38	829947.65
2302	119+72.70	1.00' LT	772.48	564205.38	829949.65
2303	119+72.70	0.00'	772.49	564205.38	829950.65
2304	119+72.70	1.00' RT	772.47	564205.38	829951.65
2305	119+72.70	3.00' RT	772.44	564205.39	829953.65
2306	119+72.70	4.00' RT	772.43	564205.39	829954.65
2307	119+78.70	4.00' LT	772.38	564211.38	829946.64
2308	119+78.70	3.00' LT	772.40	564211.38	829947.64
2309	119+78.70	1.00' LT	772.43	564211.38	829949.64
2310	119+78.70	0.00'	772.44	564211.38	829950.64
2311	119+78.70	1.00' RT	772.42	564211.38	829951.64
2312	119+78.70	3.00' RT	772.39	564211.39	829953.64
2313	119+78.70	4.00' RT	772.38	564211.39	829954.64



PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	CURB RAMP DETAILS	SHEET 46	E

FILE NAME : I:\45\450639 LAWE ST APPLETON\C3D\SHEETS\021301-CR.DWG
LAYOUT NAME - 021312-cr
PLOT DATE : 10/30/2025 12:43 PM
PLOT BY : HOSPER, JAN
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42



CR21					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
2100	118+98.90	18.00' RT	772.84	564131.59	829968.73
2101	118+98.90	20.00' RT	772.82	564131.60	829970.73
2102	118+98.90	20.50' RT	772.83	564131.60	829971.23
2103	119+04.90	18.00' RT	772.83	564137.59	829968.72
2104	119+04.90	20.00' RT	772.81	564137.60	829970.72
2105	119+04.90	20.50' RT	772.82	564137.60	829971.22
2106	118+88.93	24.50' RT	773.41	564121.63	829975.24
2107	118+98.90	24.50' RT	773.11	564131.60	829975.23
2108	119+04.90	24.50' RT	773.10	564137.60	829975.22
2109	119+13.22	24.50' RT	773.00	564145.93	829975.21
2110	119+16.39	24.50' RT	772.96	564149.09	829975.21
2111	119+19.24	27.38' RT	772.97	564151.95	829978.08
2112	119+22.38	27.39' RT	772.70	564155.09	829978.09
2113	119+23.00	27.39' RT	772.70	564155.71	829978.09
2114	119+25.40	27.41' RT	772.73	564158.10	829978.10
2115	118+88.93	29.50' RT	773.49	564121.64	829980.24
2116	118+98.92	29.50' RT	773.18	564131.63	829980.23
2117	119+04.92	29.50' RT	773.17	564137.63	829980.22
2118	119+13.22	29.50' RT	773.08	564145.93	829980.21
2119	118+88.93	32.41' RT	773.53	564121.64	829983.14
2120	118+98.93	32.34' RT	773.22	564131.64	829983.06
2121	119+04.93	32.34' RT	773.21	564137.64	829983.06
2122	119+13.22	32.31' RT	773.12	564145.94	829983.02
2123	119+19.22	32.38' RT	772.95	564151.93	829983.08
2124	119+24.93	32.40' RT	772.65	564157.64	829983.10

CR21					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
2125	119+25.45	32.41' RT	772.64	564158.17	829983.10
2126	119+27.54	32.42' RT	772.67	564160.25	829983.11
2127	119+13.09	43.43' RT	772.95	564145.82	829994.14
2128	119+19.09	43.50' RT	772.86	564151.82	829994.20
2129	119+22.36	32.39' RT	772.69	564155.07	829983.09
2130	119+12.96	54.55' RT	772.78	564145.70	830005.26
2131	119+18.96	54.62' RT	772.69	564151.70	830005.32
2132	119+12.83	65.67' RT	772.61	564145.58	830016.38
2133	119+18.69	65.67' RT	772.43	564151.44	830016.37
2134	119+10.89	20.64' RT	773.25	564143.60	829971.35
2135	119+18.02	23.27' RT	773.23	564150.72	829973.98

NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION
2. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONDITIONS
3. LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE JOINT LOCATIONS
4. ALL SIDEWALK SHALL BE 4-INCH UNLESS NOTED OTHERWISE NOTED ON THE PLANS
5. GRADE CHANGE BETWEEN THE GUTTER FLANGE SLOPE AND CURB RAMP SLOPE SHALL NOT EXCEED 11%
6. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS
7. ALL RECTANGULAR DETECTABLE WARNING FIELDS ARE 2' X 5' NATURAL PATINA UNLESS OTHERWISE NOTED..
8. PAN SLOPE OF INTEGRAL ACCEPT CURB IS 2% TYPICAL.

CR24					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
2400	119+72.70	18.03' RT	772.29	564205.40	829968.67
2401	119+72.70	20.03' RT	772.27	564205.40	829970.67
2402	119+72.70	20.53' RT	772.28	564205.40	829971.18
2403	119+78.70	18.00' RT	772.24	564211.40	829968.64
2404	119+78.70	20.00' RT	772.22	564211.40	829970.64
2405	119+78.70	20.53' RT	772.23	564211.40	829971.17
2406	119+59.18	24.50' RT	772.24	564191.88	829975.16
2407	119+62.00	24.50' RT	772.20	564194.70	829975.16
2408	119+62.76	24.50' RT	772.22	564195.46	829975.16
2409	119+65.15	24.50' RT	772.38	564197.86	829975.15
2410	119+70.19	24.50' RT	772.46	564202.90	829975.15
2411	119+72.70	24.50' RT	772.48	564205.41	829975.15
2412	119+78.70	24.50' RT	772.43	564211.41	829975.14
2413	119+88.71	24.50' RT	772.67	564221.42	829975.13
2414	119+55.93	29.50' RT	772.22	564188.64	829980.16
2415	119+58.15	29.50' RT	772.19	564190.86	829980.16
2416	119+58.71	29.50' RT	772.20	564191.42	829980.16
2417	119+65.15	29.50' RT	772.43	564197.87	829980.15
2418	119+70.20	29.50' RT	772.50	564202.91	829980.15
2419	119+72.71	29.50' RT	772.56	564205.42	829980.15
2420	119+78.70	29.50' RT	772.51	564211.41	829980.14
2421	119+88.71	29.50' RT	772.74	564221.42	829980.13
2422	119+65.20	46.43' RT	772.47	564197.93	829997.08
2423	119+70.26	46.42' RT	772.45	564202.99	829997.07
2424	119+62.78	29.50' RT	772.26	564195.49	829980.16
2425	119+67.61	21.65' RT	772.71	564200.31	829972.30

PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	CURB RAMP DETAILS	SHEET 47	E

2

CR25					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
2500	122+26.46	52.12' LT	770.08	564459.08	829898.26
2501	122+31.64	52.05' LT	770.01	564464.26	829898.31
2502	122+01.07	29.50' LT	770.49	564433.72	829920.90
2503	122+26.27	29.50' LT	769.26	564458.92	829920.87
2504	122+31.27	29.50' LT	769.19	564463.91	829920.87
2505	122+39.88	29.50' LT	768.70	564472.52	829920.86
2506	122+40.39	29.50' LT	768.69	564473.04	829920.86
2507	122+42.43	29.50' LT	768.73	564475.08	829920.85
2508	122+01.09	24.50' LT	770.41	564433.75	829925.90
2509	122+26.29	24.50' LT	769.29	564458.94	829925.87
2510	122+31.30	24.50' LT	769.21	564463.95	829925.87
2511	122+37.80	24.50' LT	768.76	564470.46	829925.86
2512	122+38.39	24.50' LT	768.75	564471.04	829925.86
2513	122+40.67	24.50' LT	768.78	564473.33	829925.86
2514	122+26.33	16.75' LT	768.92	564458.99	829933.62
2515	122+26.33	16.24' LT	768.91	564458.99	829934.13
2516	122+26.34	14.22' LT	768.90	564459.00	829936.15
2517	122+31.33	18.45' LT	768.86	564463.99	829931.91
2518	122+31.33	17.89' LT	768.86	564463.99	829932.48
2519	122+31.34	15.68' LT	768.89	564464.00	829934.68
2520	122+37.85	29.50' LT	768.73	564470.50	829920.86
2521	122+26.32	18.42' LT	768.94	564458.98	829931.95
2522	122+34.95	21.06' LT	769.15	564467.60	829929.30

NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION
2. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONDITIONS
3. LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE JOINT LOCATIONS
4. ALL SIDEWALK SHALL BE 4-INCH UNLESS NOTED OTHERWISE NOTED ON THE PLANS
5. GRADE CHANGE BETWEEN THE GUTTER FLANGE SLOPE AND CURB RAMP SLOPE SHALL NOT EXCEED 11%
6. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS
7. ALL RECTANGULAR DETECTABLE WARNING FIELDS ARE 2' X 5' NATURAL PATINA UNLESS OTHERWISE NOTED..
8. PAN SLOPE OF INTEGRAL ACCEPT CURB IS 2% TYPICAL.

CR27					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
2700	122+80.99	44.02' LT	769.06	564513.62	829906.29
2701	122+85.99	44.00' LT	769.09	564518.62	829906.31
2702	122+89.06	43.98' LT	769.11	564521.69	829906.32
2703	122+81.04	34.02' LT	768.84	564513.68	829916.29
2704	122+86.04	34.00' LT	768.92	564518.69	829916.31
2705	122+89.05	33.98' LT	768.96	564521.69	829916.32
2706	122+89.04	33.02' LT	768.92	564521.69	829917.28
2707	122+96.05	33.00' LT	769.08	564528.69	829917.29
2708	122+69.41	29.58' LT	768.40	564502.05	829920.75
2709	122+71.46	29.56' LT	768.35	564504.10	829920.77
2710	122+71.97	29.55' LT	768.36	564504.62	829920.77
2711	122+81.07	29.47' LT	768.75	564513.71	829920.84
2712	122+86.07	29.42' LT	768.74	564518.71	829920.89
2713	122+96.07	29.42' LT	769.03	564528.71	829920.87
2714	122+71.18	24.56' LT	768.36	564503.83	829925.76

CR27					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
2715	122+73.48	24.54' LT	768.32	564506.13	829925.78
2716	122+74.06	24.53' LT	768.32	564506.72	829925.79
2717	122+81.09	24.47' LT	768.69	564513.74	829925.85
2718	122+86.09	24.42' LT	768.67	564518.74	829925.89
2719	122+96.09	24.42' LT	768.95	564528.74	829925.87
2720	122+81.11	18.19' LT	768.25	564513.77	829932.12
2721	122+86.11	18.21' LT	768.24	564518.77	829932.10
2722	122+81.11	17.64' LT	768.24	564513.77	829932.67
2723	122+86.12	16.67' LT	768.21	564518.78	829933.64
2724	122+86.12	16.16' LT	768.21	564518.78	829934.14
2725	122+81.12	15.45' LT	768.28	564513.78	829934.86
2726	122+86.12	14.15' LT	768.24	564518.79	829936.16
2727	122+74.11	29.53' LT	768.39	564506.76	829920.79
2728	122+77.16	20.88' LT	768.65	564509.81	829929.43

LEGEND
- X — CURB RAMP TYPE
- XXX YYY.YY — POINT NUMBER & ELEVATION
- SLOPE INTERCEPTS
- SW7 — CONCRETE SIDEWALK 7-INCH
- EDGE OF FLARE
- SAW CUT CONCRETE
- NTF — UNPAVED NON-TRAVERSABLE FLARE (6:1)
- TF — PAVED TRAVERSABLE FLARE (10:1)
- L — LANDING

CR-25

CR-27

EXISTING SIDEWALK

TLE

SLOPE INTERCEPT

ERW

EAST ATLANTIC STREET

NORTH LAWE STREET

122+00

122+50

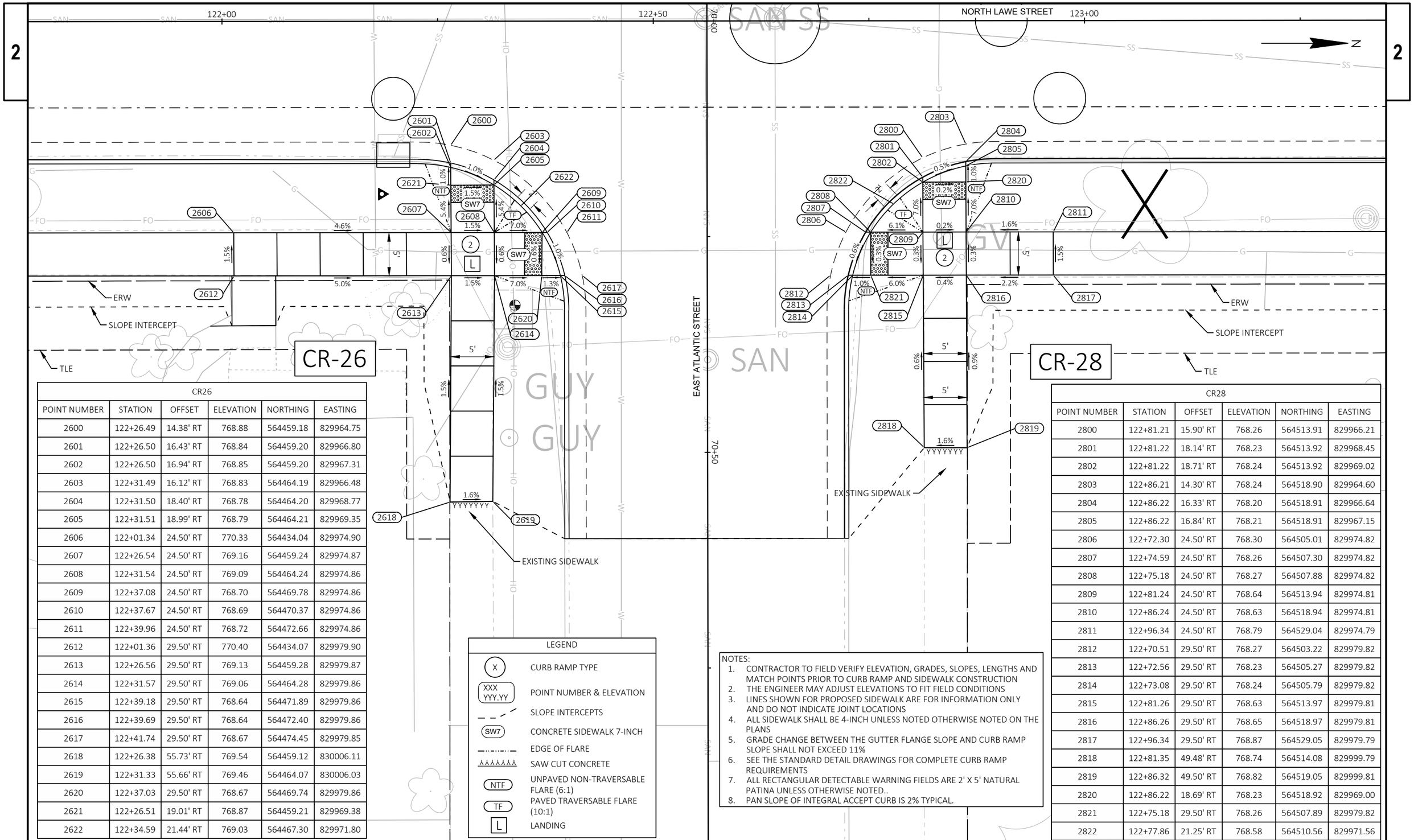
69+50

70+00

123+00

PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	CURB RAMP DETAILS	SHEET 48	E

FILE NAME : I:\45\450639 LAWE ST APPLETON\C3D\SHEETS\021301-CR.DWG
LAYOUT NAME - 021314-cr
PLOT DATE : 10/30/2025 12:43 PM PLOT BY : HOSPER, JAN PLOT NAME : PLOT SCALE : 1 IN:10 FT



CR26

POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
2600	122+26.49	14.38' RT	768.88	564459.18	829964.75
2601	122+26.50	16.43' RT	768.84	564459.20	829966.80
2602	122+26.50	16.94' RT	768.85	564459.20	829967.31
2603	122+31.49	16.12' RT	768.83	564464.19	829966.48
2604	122+31.50	18.40' RT	768.78	564464.20	829968.77
2605	122+31.51	18.99' RT	768.79	564464.21	829969.35
2606	122+01.34	24.50' RT	770.33	564434.04	829974.90
2607	122+26.54	24.50' RT	769.16	564459.24	829974.87
2608	122+31.54	24.50' RT	769.09	564464.24	829974.86
2609	122+37.08	24.50' RT	768.70	564469.78	829974.86
2610	122+37.67	24.50' RT	768.69	564470.37	829974.86
2611	122+39.96	24.50' RT	768.72	564472.66	829974.86
2612	122+01.36	29.50' RT	770.40	564434.07	829979.90
2613	122+26.56	29.50' RT	769.13	564459.28	829979.87
2614	122+31.57	29.50' RT	769.06	564464.28	829979.86
2615	122+39.18	29.50' RT	768.64	564471.89	829979.86
2616	122+39.69	29.50' RT	768.64	564472.40	829979.86
2617	122+41.74	29.50' RT	768.67	564474.45	829979.85
2618	122+26.38	55.73' RT	769.54	564459.12	830006.11
2619	122+31.33	55.66' RT	769.46	564464.07	830006.03
2620	122+37.03	29.50' RT	768.67	564469.74	829979.86
2621	122+26.51	19.01' RT	768.87	564459.21	829969.38
2622	122+34.59	21.44' RT	769.03	564467.30	829971.80

LEGEND

X	CURB RAMP TYPE
XXX YYY.YY	POINT NUMBER & ELEVATION
	SLOPE INTERCEPTS
SW7	CONCRETE SIDEWALK 7-INCH
	EDGE OF FLARE
	SAW CUT CONCRETE
NTF	UNPAVED NON-TRAVERSABLE FLARE (6:1)
TF	PAVED TRAVERSABLE FLARE (10:1)
L	LANDING

NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION
2. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONDITIONS
3. LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE JOINT LOCATIONS
4. ALL SIDEWALK SHALL BE 4-INCH UNLESS NOTED OTHERWISE NOTED ON THE PLANS
5. GRADE CHANGE BETWEEN THE GUTTER FLANGE SLOPE AND CURB RAMP SLOPE SHALL NOT EXCEED 11%
6. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS
7. ALL RECTANGULAR DETECTABLE WARNING FIELDS ARE 2' X 5' NATURAL PATINA UNLESS OTHERWISE NOTED..
8. PAN SLOPE OF INTEGRAL ACCEPT CURB IS 2% TYPICAL.

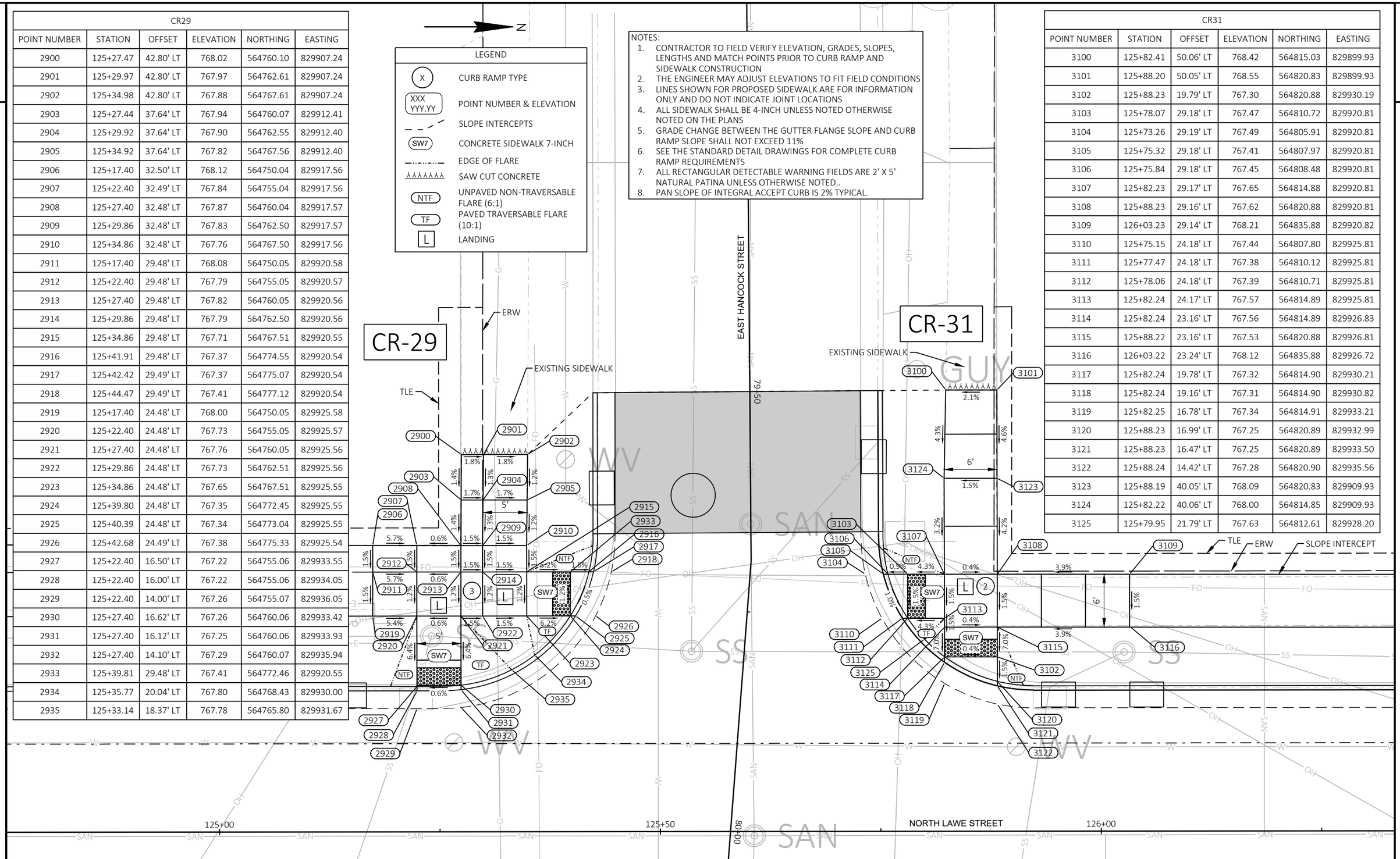
CR28

POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
2800	122+81.21	15.90' RT	768.26	564513.91	829966.21
2801	122+81.22	18.14' RT	768.23	564513.92	829968.45
2802	122+81.22	18.71' RT	768.24	564513.92	829969.02
2803	122+86.21	14.30' RT	768.24	564518.90	829964.60
2804	122+86.22	16.33' RT	768.20	564518.91	829966.64
2805	122+86.22	16.84' RT	768.21	564518.91	829967.15
2806	122+72.30	24.50' RT	768.30	564505.01	829974.82
2807	122+74.59	24.50' RT	768.26	564507.30	829974.82
2808	122+75.18	24.50' RT	768.27	564507.88	829974.82
2809	122+81.24	24.50' RT	768.64	564513.94	829974.81
2810	122+86.24	24.50' RT	768.63	564518.94	829974.81
2811	122+96.34	24.50' RT	768.79	564529.04	829974.79
2812	122+70.51	29.50' RT	768.27	564503.22	829979.82
2813	122+72.56	29.50' RT	768.23	564505.27	829979.82
2814	122+73.08	29.50' RT	768.24	564505.79	829979.82
2815	122+81.26	29.50' RT	768.63	564513.97	829979.81
2816	122+86.26	29.50' RT	768.65	564518.97	829979.81
2817	122+96.34	29.50' RT	768.87	564529.05	829979.79
2818	122+81.35	49.48' RT	768.74	564514.08	829999.79
2819	122+86.32	49.50' RT	768.82	564519.05	829999.81
2820	122+86.22	18.69' RT	768.23	564518.92	829969.00
2821	122+75.18	29.50' RT	768.26	564507.89	829979.82
2822	122+77.86	21.25' RT	768.58	564510.56	829971.56

PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	CURB RAMP DETAILS	SHEET 49 E

2

CR29					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
2900	125+27.47	42.80' LT	768.02	564760.10	829907.24
2901	125+29.97	42.80' LT	767.97	564762.61	829907.24
2902	125+34.98	42.80' LT	767.88	564767.61	829907.24
2903	125+27.44	37.64' LT	767.94	564760.07	829912.41
2904	125+29.92	37.64' LT	767.90	564762.55	829912.40
2905	125+34.92	37.64' LT	767.82	564767.56	829912.40
2906	125+17.40	32.50' LT	768.12	564750.04	829917.56
2907	125+22.40	32.49' LT	767.84	564755.04	829917.56
2908	125+27.40	32.48' LT	767.87	564760.04	829917.57
2909	125+29.86	32.48' LT	767.83	564762.50	829917.57
2910	125+34.86	32.48' LT	767.76	564767.50	829917.56
2911	125+17.40	29.48' LT	768.08	564750.05	829920.58
2912	125+22.40	29.48' LT	767.79	564755.05	829920.57
2913	125+27.40	29.48' LT	767.82	564760.05	829920.56
2914	125+29.86	29.48' LT	767.79	564762.50	829920.56
2915	125+34.86	29.48' LT	767.71	564767.51	829920.55
2916	125+41.91	29.48' LT	767.37	564774.55	829920.54
2917	125+42.42	29.49' LT	767.37	564775.07	829920.54
2918	125+44.47	29.49' LT	767.41	564777.12	829920.54
2919	125+17.40	24.48' LT	768.00	564750.05	829925.58
2920	125+22.40	24.48' LT	767.73	564755.05	829925.57
2921	125+27.40	24.48' LT	767.76	564760.05	829925.56
2922	125+29.86	24.48' LT	767.73	564762.51	829925.56
2923	125+34.86	24.48' LT	767.65	564767.51	829925.55
2924	125+39.80	24.48' LT	767.35	564772.45	829925.55
2925	125+40.39	24.48' LT	767.34	564773.04	829925.55
2926	125+42.68	24.49' LT	767.38	564775.33	829925.54
2927	125+22.40	16.50' LT	767.22	564755.06	829933.55
2928	125+22.40	16.00' LT	767.22	564755.06	829934.05
2929	125+22.40	14.00' LT	767.26	564755.07	829936.05
2930	125+27.40	16.62' LT	767.26	564760.06	829933.42
2931	125+27.40	16.12' LT	767.25	564760.06	829933.93
2932	125+27.40	14.10' LT	767.29	564760.07	829935.94
2933	125+39.81	29.48' LT	767.41	564772.46	829920.55
2934	125+35.77	20.04' LT	767.80	564768.43	829930.00
2935	125+33.14	18.37' LT	767.78	564765.80	829931.67

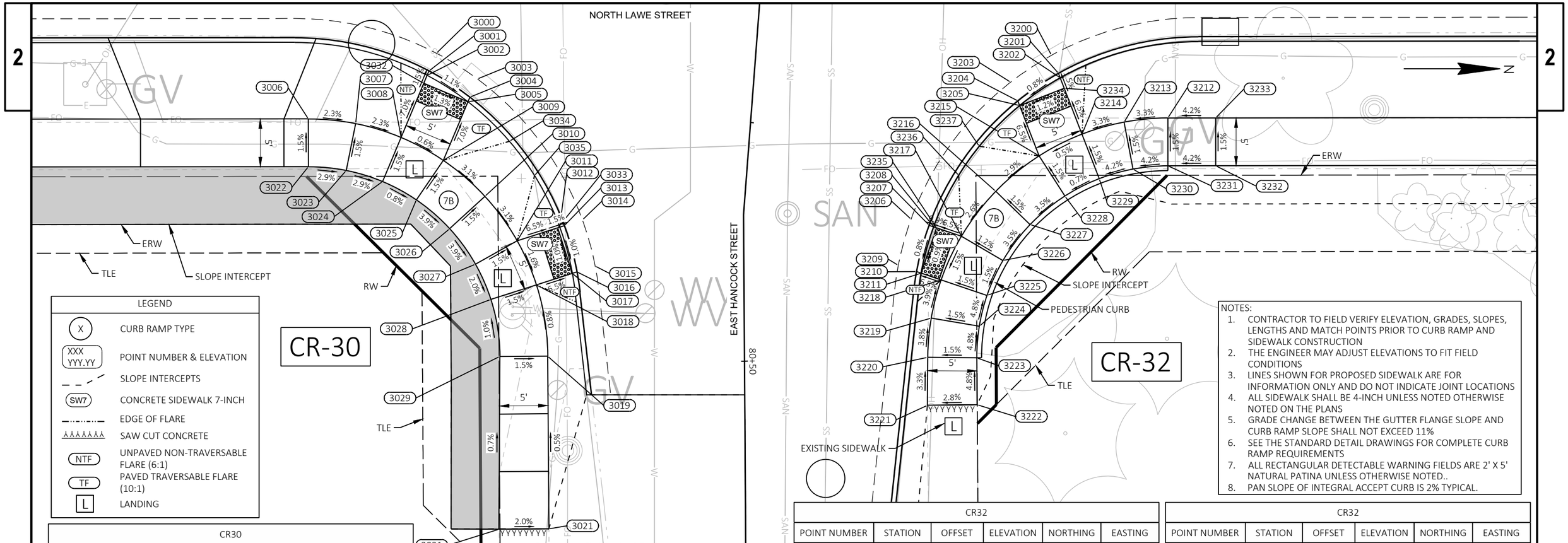


CR31					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
3100	125+82.41	50.06' LT	768.42	564815.03	829899.93
3101	125+88.20	50.05' LT	768.55	564820.83	829899.93
3102	125+88.23	19.79' LT	767.30	564820.88	829930.19
3103	125+78.07	29.18' LT	767.47	564810.72	829920.81
3104	125+73.26	29.19' LT	767.49	564805.91	829920.81
3105	125+75.32	29.18' LT	767.41	564807.97	829920.81
3106	125+75.84	29.18' LT	767.45	564808.48	829920.81
3107	125+82.23	29.17' LT	767.65	564814.88	829920.81
3108	125+88.23	29.16' LT	767.62	564820.88	829920.81
3109	126+03.23	29.14' LT	768.21	564835.88	829920.82
3110	125+75.15	24.18' LT	767.44	564807.80	829925.81
3111	125+77.47	24.18' LT	767.38	564810.12	829925.81
3112	125+78.06	24.18' LT	767.39	564810.71	829925.81
3113	125+82.24	24.17' LT	767.57	564814.89	829925.81
3114	125+82.24	23.16' LT	767.56	564814.89	829926.83
3115	125+88.22	23.16' LT	767.53	564820.88	829926.81
3116	126+03.22	23.24' LT	768.12	564835.88	829926.72
3117	125+82.24	19.78' LT	767.32	564814.90	829930.21
3118	125+82.24	19.16' LT	767.31	564814.90	829930.82
3119	125+82.25	16.78' LT	767.34	564814.91	829933.21
3120	125+88.23	16.99' LT	767.25	564820.89	829932.99
3121	125+88.23	16.47' LT	767.25	564820.89	829933.50
3122	125+88.24	14.42' LT	767.28	564820.90	829935.56
3123	125+88.19	40.05' LT	768.09	564820.83	829909.93
3124	125+82.22	40.06' LT	768.00	564814.85	829909.93
3125	125+79.95	21.79' LT	767.63	564812.61	829928.20

2

PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	CURB RAMP DETAILS	SHEET 50	E

FILE NAME : I:\45\450639 LAWE ST APPLETON\C3D\SHEETS\021301-CR.DWG
LAYOUT NAME - 021316-cr
PLOT DATE : 10/30/2025 12:44 PM
PLOT BY : HOSPER, JAN
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42



LEGEND	
X	CURB RAMP TYPE
XXX YYY.YY	POINT NUMBER & ELEVATION
	SLOPE INTERCEPTS
SW7	CONCRETE SIDEWALK 7-INCH
	EDGE OF FLARE
	SAW CUT CONCRETE
NTF	UNPAVED NON-TRAVERSABLE FLARE (6:1)
TF	PAVED TRAVERSABLE FLARE (10:1)
L	LANDING

NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION
2. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONDITIONS
3. LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE JOINT LOCATIONS
4. ALL SIDEWALK SHALL BE 4-INCH UNLESS NOTED OTHERWISE NOTED ON THE PLANS
5. GRADE CHANGE BETWEEN THE GUTTER FLANGE SLOPE AND CURB RAMP SLOPE SHALL NOT EXCEED 11%
6. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS
7. ALL RECTANGULAR DETECTABLE WARNING FIELDS ARE 2' X 5' NATURAL PATINA UNLESS OTHERWISE NOTED..
8. PAN SLOPE OF INTEGRAL ACCEPT CURB IS 2% TYPICAL.

CR30

POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
3000	125+23.18	17.65' RT	766.98	564755.88	829967.70
3001	125+22.40	19.50' RT	766.94	564755.10	829969.55
3002	125+22.21	19.96' RT	766.94	564754.91	829970.01
3003	125+27.47	20.34' RT	766.93	564760.17	829970.39
3004	125+26.67	22.25' RT	766.88	564759.37	829972.29
3005	125+26.47	22.72' RT	766.89	564759.17	829972.77
3006	125+09.78	24.50' RT	767.62	564742.49	829974.56
3007	125+14.73	25.00' RT	767.50	564747.43	829975.05
3008	125+19.47	26.46' RT	767.39	564752.18	829976.51
3009	125+23.89	28.86' RT	767.36	564756.60	829978.91
3010	125+28.23	32.63' RT	767.18	564760.94	829982.67
3011	125+31.59	37.29' RT	767.00	564764.31	829987.33
3012	125+36.05	35.86' RT	766.71	564768.77	829985.90
3013	125+36.53	35.71' RT	766.70	564769.24	829985.74
3014	125+38.43	35.10' RT	766.74	564771.15	829985.13
3015	125+39.76	39.92' RT	766.69	564772.49	829989.96
3016	125+37.85	40.54' RT	766.65	564770.57	829990.57
3017	125+37.36	40.69' RT	766.66	564770.09	829990.72

CR30

POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
3018	125+33.59	41.90' RT	766.92	564766.32	829991.93
3019	125+34.78	49.35' RT	766.98	564767.51	829999.38
3021	125+34.89	67.41' RT	767.07	564767.64	830017.45
3022	125+09.78	29.50' RT	767.69	564742.49	829979.56
3023	125+13.74	29.90' RT	767.58	564746.45	829979.96
3024	125+17.53	31.07' RT	767.46	564750.25	829981.12
3025	125+21.06	32.99' RT	767.43	564753.78	829983.04
3026	125+24.54	36.00' RT	767.25	564757.25	829986.05
3027	125+27.23	39.73' RT	767.08	564759.95	829989.77
3028	125+28.83	43.42' RT	766.99	564761.55	829993.46
3029	125+29.78	49.38' RT	767.05	564762.51	829999.42
3031	125+29.67	67.45' RT	767.17	564762.42	830017.49
3032	125+21.86	20.80' RT	766.96	564754.56	829970.85
3033	125+35.84	35.93' RT	766.71	564768.56	829985.96
3034	125+30.80	26.87' RT	767.31	564763.51	829976.91
3035	125+33.43	30.47' RT	767.27	564766.14	829980.50

CR32

POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
3200	125+87.51	17.93' RT	766.99	564820.21	829967.91
3201	125+88.23	19.81' RT	766.94	564820.93	829969.79
3202	125+88.42	20.29' RT	766.95	564821.12	829970.26
3203	125+83.23	20.74' RT	766.95	564815.93	829970.72
3204	125+83.98	22.69' RT	766.90	564816.69	829972.68
3205	125+84.17	23.18' RT	766.91	564816.88	829973.17
3206	125+72.80	35.06' RT	766.81	564805.52	829985.06
3207	125+74.69	35.71' RT	766.77	564807.41	829985.70
3208	125+75.17	35.87' RT	766.78	564807.88	829985.86
3209	125+71.46	39.89' RT	766.77	564804.18	829989.88
3210	125+73.37	40.54' RT	766.73	564806.10	829990.53
3211	125+73.85	40.70' RT	766.74	564806.58	829990.69
3212	125+99.67	24.50' RT	767.61	564832.37	829974.47
3213	125+95.09	24.94' RT	767.46	564827.79	829974.91
3214	125+90.69	26.19' RT	767.30	564823.40	829976.17
3215	125+86.21	28.46' RT	767.28	564818.92	829978.44
3216	125+81.67	32.15' RT	767.11	564814.38	829982.14
3217	125+78.07	36.85' RT	766.96	564810.78	829986.84
3218	125+75.94	41.41' RT	766.88	564808.66	829991.40

CR32

POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
3219	125+74.90	45.40' RT	767.04	564807.63	829995.40
3220	125+74.52	49.51' RT	767.20	564807.26	829999.50
3221	125+74.49	54.53' RT	767.36	564807.22	830004.53
3222	125+79.69	54.48' RT	767.51	564812.43	830004.47
3223	125+79.67	49.57' RT	767.27	564812.40	829999.56
3224	125+79.94	46.26' RT	767.12	564812.66	829996.25
3225	125+80.74	43.05' RT	766.96	564813.47	829993.03
3226	125+82.41	39.40' RT	767.02	564815.13	829989.38
3227	125+85.25	35.64' RT	767.19	564817.97	829985.62
3228	125+88.89	32.65' RT	767.35	564821.61	829982.63
3229	125+92.48	30.84' RT	767.38	564825.19	829980.81
3230	125+96.01	29.84' RT	767.53	564828.72	829979.81
3231	125+99.67	29.50' RT	767.69	564832.38	829979.47
3232	126+04.67	29.50' RT	767.89	564837.38	829979.46
3233	126+04.67	24.50' RT	767.82	564837.37	829974.46
3234	125+88.84	21.38' RT	766.97	564821.54	829971.36
3235	125+75.47	35.97' RT	766.78	564808.18	829985.96
3236	125+77.79	30.47' RT	767.32	564810.50	829980.46
3237	125+79.94	27.44' RT	767.35	564812.65	829977.43

PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	CURB RAMP DETAILS	SHEET 51	E

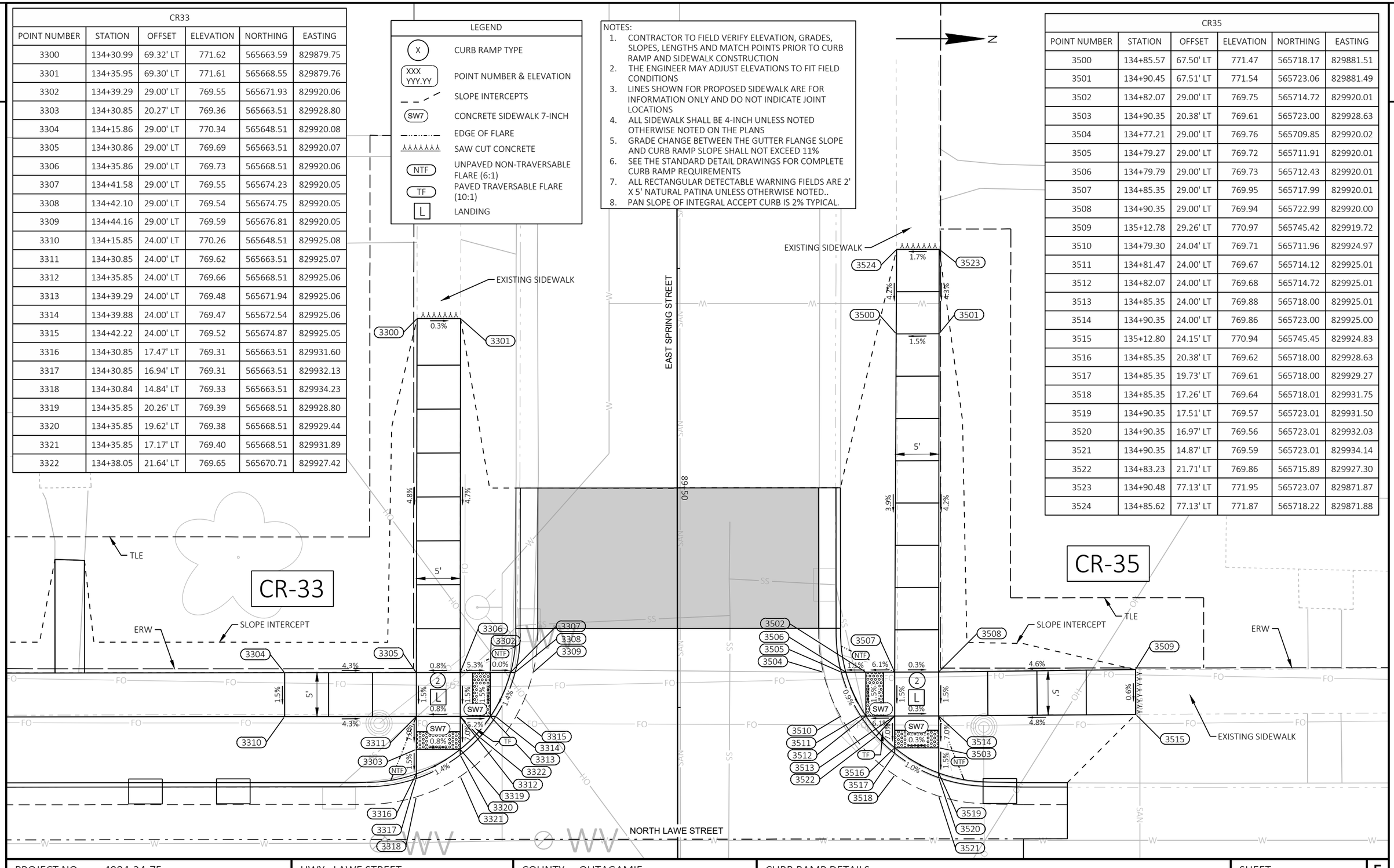
CR33					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
3300	134+30.99	69.32' LT	771.62	565663.59	829879.75
3301	134+35.95	69.30' LT	771.61	565668.55	829879.76
3302	134+39.29	29.00' LT	769.55	565671.93	829920.06
3303	134+30.85	20.27' LT	769.36	565663.51	829928.80
3304	134+15.86	29.00' LT	770.34	565648.51	829920.08
3305	134+30.86	29.00' LT	769.69	565663.51	829920.07
3306	134+35.86	29.00' LT	769.73	565668.51	829920.06
3307	134+41.58	29.00' LT	769.55	565674.23	829920.05
3308	134+42.10	29.00' LT	769.54	565674.75	829920.05
3309	134+44.16	29.00' LT	769.59	565676.81	829920.05
3310	134+15.85	24.00' LT	770.26	565648.51	829925.08
3311	134+30.85	24.00' LT	769.62	565663.51	829925.07
3312	134+35.85	24.00' LT	769.66	565668.51	829925.06
3313	134+39.29	24.00' LT	769.48	565671.94	829925.06
3314	134+39.88	24.00' LT	769.47	565672.54	829925.06
3315	134+42.22	24.00' LT	769.52	565674.87	829925.05
3316	134+30.85	17.47' LT	769.31	565663.51	829931.60
3317	134+30.85	16.94' LT	769.31	565663.51	829932.13
3318	134+30.84	14.84' LT	769.33	565663.51	829934.23
3319	134+35.85	20.26' LT	769.39	565668.51	829928.80
3320	134+35.85	19.62' LT	769.38	565668.51	829929.44
3321	134+35.85	17.17' LT	769.40	565668.51	829931.89
3322	134+38.05	21.64' LT	769.65	565670.71	829927.42

LEGEND

- X — CURB RAMP TYPE
- XXX YYY.YY — POINT NUMBER & ELEVATION
- SLOPE INTERCEPTS
- SW7 — CONCRETE SIDEWALK 7-INCH
- EDGE OF FLARE
- SAW CUT CONCRETE
- NTF — UNPAVED NON-TRAVERSABLE FLARE (6:1)
- TF — PAVED TRAVERSABLE FLARE (10:1)
- L — LANDING

NOTES:

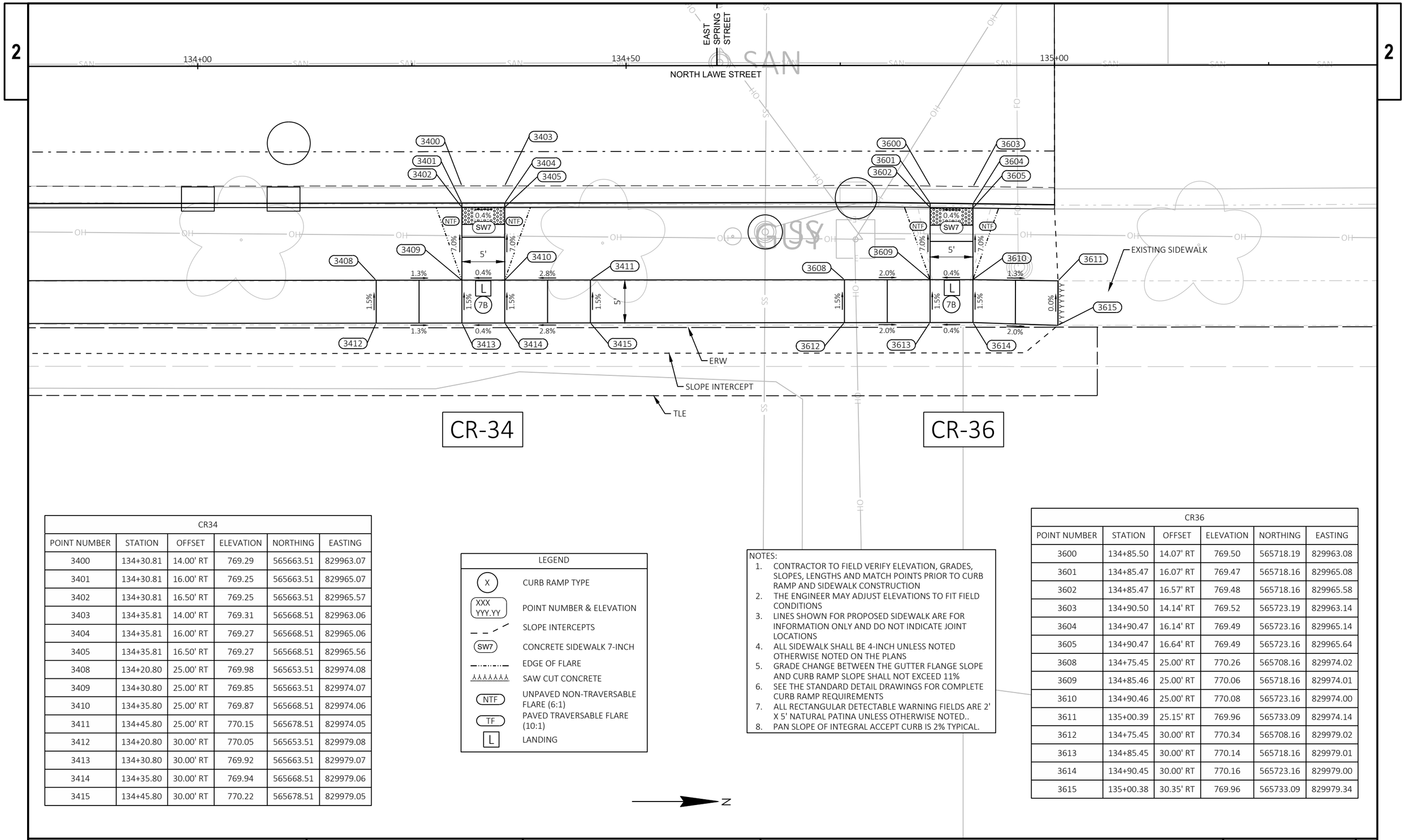
1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION
2. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONDITIONS
3. LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE JOINT LOCATIONS
4. ALL SIDEWALK SHALL BE 4-INCH UNLESS NOTED OTHERWISE NOTED ON THE PLANS
5. GRADE CHANGE BETWEEN THE GUTTER FLANGE SLOPE AND CURB RAMP SLOPE SHALL NOT EXCEED 11%
6. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS
7. ALL RECTANGULAR DETECTABLE WARNING FIELDS ARE 2' X 5' NATURAL PATINA UNLESS OTHERWISE NOTED..
8. PAN SLOPE OF INTEGRAL ACCEPT CURB IS 2% TYPICAL.



CR35					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
3500	134+85.57	67.50' LT	771.47	565718.17	829881.51
3501	134+90.45	67.51' LT	771.54	565723.06	829881.49
3502	134+82.07	29.00' LT	769.75	565714.72	829920.01
3503	134+90.35	20.38' LT	769.61	565723.00	829928.63
3504	134+77.21	29.00' LT	769.76	565709.85	829920.02
3505	134+79.27	29.00' LT	769.72	565711.91	829920.01
3506	134+79.79	29.00' LT	769.73	565712.43	829920.01
3507	134+85.35	29.00' LT	769.95	565717.99	829920.01
3508	134+90.35	29.00' LT	769.94	565722.99	829920.00
3509	135+12.78	29.26' LT	770.97	565745.42	829919.72
3510	134+79.30	24.04' LT	769.71	565711.96	829924.97
3511	134+81.47	24.00' LT	769.67	565714.12	829925.01
3512	134+82.07	24.00' LT	769.68	565714.72	829925.01
3513	134+85.35	24.00' LT	769.88	565718.00	829925.01
3514	134+90.35	24.00' LT	769.86	565723.00	829925.00
3515	135+12.80	24.15' LT	770.94	565745.45	829924.83
3516	134+85.35	20.38' LT	769.62	565718.00	829928.63
3517	134+85.35	19.73' LT	769.61	565718.00	829929.27
3518	134+85.35	17.26' LT	769.64	565718.01	829931.75
3519	134+90.35	17.51' LT	769.57	565723.01	829931.50
3520	134+90.35	16.97' LT	769.56	565723.01	829932.03
3521	134+90.35	14.87' LT	769.59	565723.01	829934.14
3522	134+83.23	21.71' LT	769.86	565715.89	829927.30
3523	134+90.48	77.13' LT	771.95	565723.07	829871.87
3524	134+85.62	77.13' LT	771.87	565718.22	829871.88

PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	CURB RAMP DETAILS	SHEET 52	E

FILE NAME : I:\45\450639 LAWE ST APPLETON\C3D\SHEETS\021301-CR.DWG
LAYOUT NAME - 021318-cr
PLOT DATE : 10/30/2025 12:44 PM PLOT BY : HOSPER, JAN PLOT NAME : PLOT SCALE : 1 IN:10 FT



CR34					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
3400	134+30.81	14.00' RT	769.29	565663.51	829963.07
3401	134+30.81	16.00' RT	769.25	565663.51	829965.07
3402	134+30.81	16.50' RT	769.25	565663.51	829965.57
3403	134+35.81	14.00' RT	769.31	565668.51	829963.06
3404	134+35.81	16.00' RT	769.27	565668.51	829965.06
3405	134+35.81	16.50' RT	769.27	565668.51	829965.56
3408	134+20.80	25.00' RT	769.98	565653.51	829974.08
3409	134+30.80	25.00' RT	769.85	565663.51	829974.07
3410	134+35.80	25.00' RT	769.87	565668.51	829974.06
3411	134+45.80	25.00' RT	770.15	565678.51	829974.05
3412	134+20.80	30.00' RT	770.05	565653.51	829979.08
3413	134+30.80	30.00' RT	769.92	565663.51	829979.07
3414	134+35.80	30.00' RT	769.94	565668.51	829979.06
3415	134+45.80	30.00' RT	770.22	565678.51	829979.05

LEGEND

- X — CURB RAMP TYPE
- XXX YYY.YY — POINT NUMBER & ELEVATION
- SLOPE INTERCEPTS
- SW7 — CONCRETE SIDEWALK 7-INCH
- EDGE OF FLARE
- SAW CUT CONCRETE
- NTF — UNPAVED NON-TRAVERSABLE FLARE (6:1)
- TF — PAVED TRAVERSABLE FLARE (10:1)
- L — LANDING

NOTES:

1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION
2. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONDITIONS
3. LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE JOINT LOCATIONS
4. ALL SIDEWALK SHALL BE 4-INCH UNLESS NOTED OTHERWISE NOTED ON THE PLANS
5. GRADE CHANGE BETWEEN THE GUTTER FLANGE SLOPE AND CURB RAMP SLOPE SHALL NOT EXCEED 11%
6. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS
7. ALL RECTANGULAR DETECTABLE WARNING FIELDS ARE 2' X 5' NATURAL PATINA UNLESS OTHERWISE NOTED..
8. PAN SLOPE OF INTEGRAL ACCEPT CURB IS 2% TYPICAL.

CR36					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
3600	134+85.50	14.07' RT	769.50	565718.19	829963.08
3601	134+85.47	16.07' RT	769.47	565718.16	829965.08
3602	134+85.47	16.57' RT	769.48	565718.16	829965.58
3603	134+90.50	14.14' RT	769.52	565723.19	829963.14
3604	134+90.47	16.14' RT	769.49	565723.16	829965.14
3605	134+90.47	16.64' RT	769.49	565723.16	829965.64
3608	134+75.45	25.00' RT	770.26	565708.16	829974.02
3609	134+85.46	25.00' RT	770.06	565718.16	829974.01
3610	134+90.46	25.00' RT	770.08	565723.16	829974.00
3611	135+00.39	25.15' RT	769.96	565733.09	829974.14
3612	134+75.45	30.00' RT	770.34	565708.16	829979.02
3613	134+85.45	30.00' RT	770.14	565718.16	829979.01
3614	134+90.45	30.00' RT	770.16	565723.16	829979.00
3615	135+00.38	30.35' RT	769.96	565733.09	829979.34

N

PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	CURB RAMP DETAILS	SHEET 53	E

FILE NAME : I:\45\450639 LAWE ST APPLETON\C3D\SHEETS\021301-CR.DWG
LAYOUT NAME - 021319-cr
PLOT DATE : 10/30/2025 12:44 PM PLOT BY : HOSPER, JAN PLOT NAME : PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

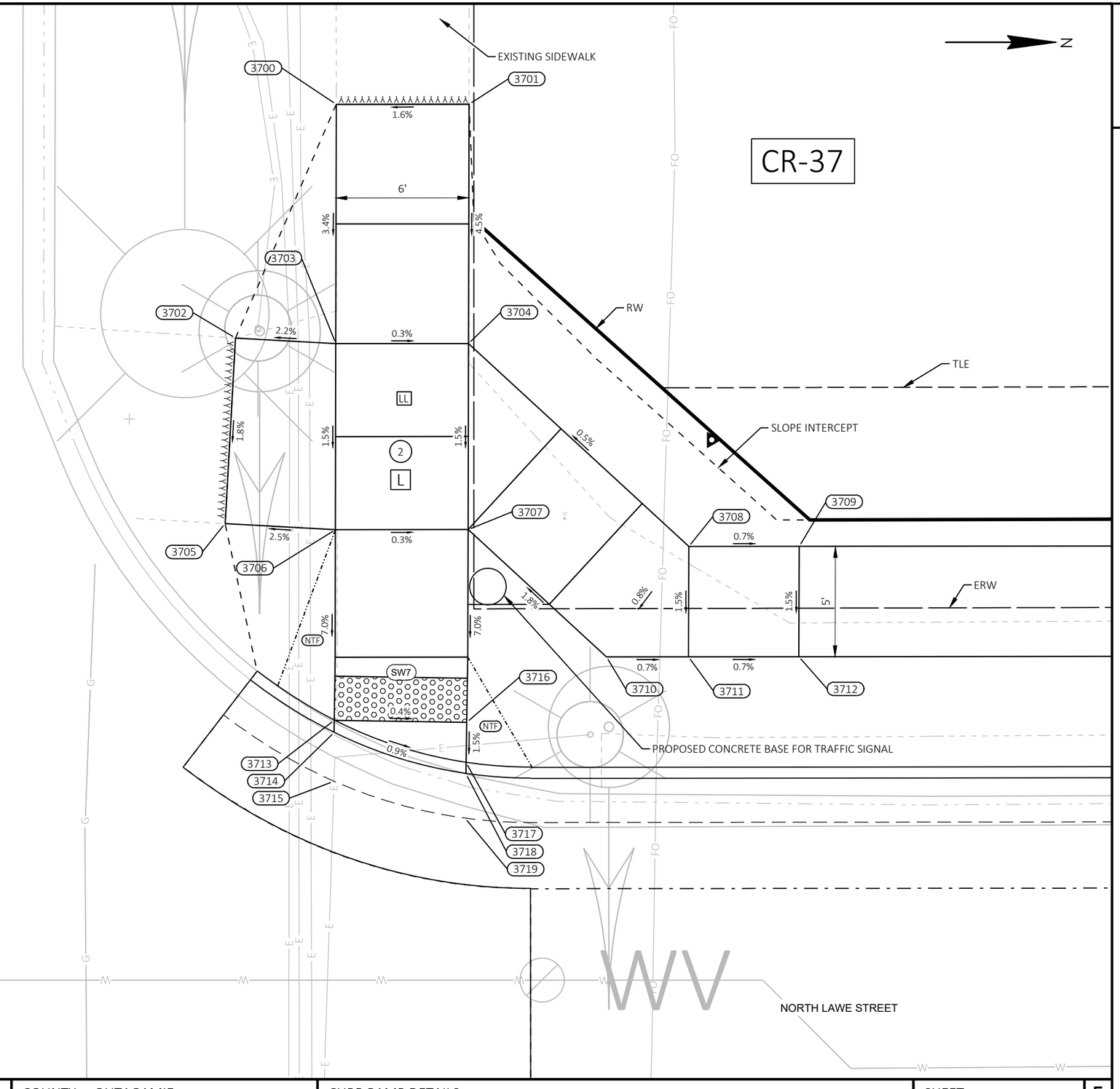
CR37					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
3700	100+45.31	52.02' LT	780.89	562279.73	829900.14
3701	100+51.33	52.22' LT	780.98	562285.75	829900.14
3702	100+41.10	41.28' LT	780.42	562275.16	829910.73
3703	100+45.65	41.18' LT	780.52	562279.71	829910.99
3704	100+51.67	41.38' LT	780.50	562285.72	829910.98
3705	100+40.91	32.86' LT	780.26	562274.69	829919.14
3706	100+45.92	32.75' LT	780.39	562279.69	829919.42
3707	100+51.93	32.96' LT	780.37	562285.71	829919.41
3708	100+61.95	32.52' LT	780.57	562295.70	829920.18
3709	100+68.06	32.53' LT	780.54	562300.70	829920.17
3710	100+58.38	27.39' LT	780.52	562291.97	829925.18
3711	100+62.09	27.52' LT	780.50	562295.69	829925.18
3712	100+68.04	27.53' LT	780.46	562300.69	829925.17
3713	100+46.15	24.12' LT	779.78	562279.64	829928.05
3714	100+46.16	23.56' LT	779.77	562279.63	829928.61
3715	100+46.20	21.35' LT	779.80	562279.60	829930.83
3716	100+52.15	24.22' LT	779.75	562285.64	829928.15
3717	100+52.18	22.40' LT	779.73	562285.61	829929.97
3718	100+52.19	21.90' LT	779.72	562285.60	829930.47
3719	100+52.23	19.88' LT	779.75	562285.57	829932.49

LEGEND

- (X) CURB RAMP TYPE
- (XXX YYY.YY) POINT NUMBER & ELEVATION
- SLOPE INTERCEPTS
- (SW7) CONCRETE SIDEWALK 7-INCH
- EDGE OF FLARE
- SAW CUT CONCRETE
- (NTF) UNPAVED NON-TRAVERSABLE FLARE (6:1)
- (TF) PAVED TRAVERSABLE FLARE (10:1)
- [L] LANDING

NOTES:

1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION
2. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONDITIONS
3. LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE JOINT LOCATIONS
4. ALL SIDEWALK SHALL BE 4-INCH UNLESS NOTED OTHERWISE NOTED ON THE PLANS
5. GRADE CHANGE BETWEEN THE GUTTER FLANGE SLOPE AND CURB RAMP SLOPE SHALL NOT EXCEED 11%
6. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS
7. ALL RECTANGULAR DETECTABLE WARNING FIELDS ARE 2' X 5' NATURAL PATINA UNLESS OTHERWISE NOTED..
8. PAN SLOPE OF INTEGRAL ACCEPT CURB IS 2% TYPICAL.

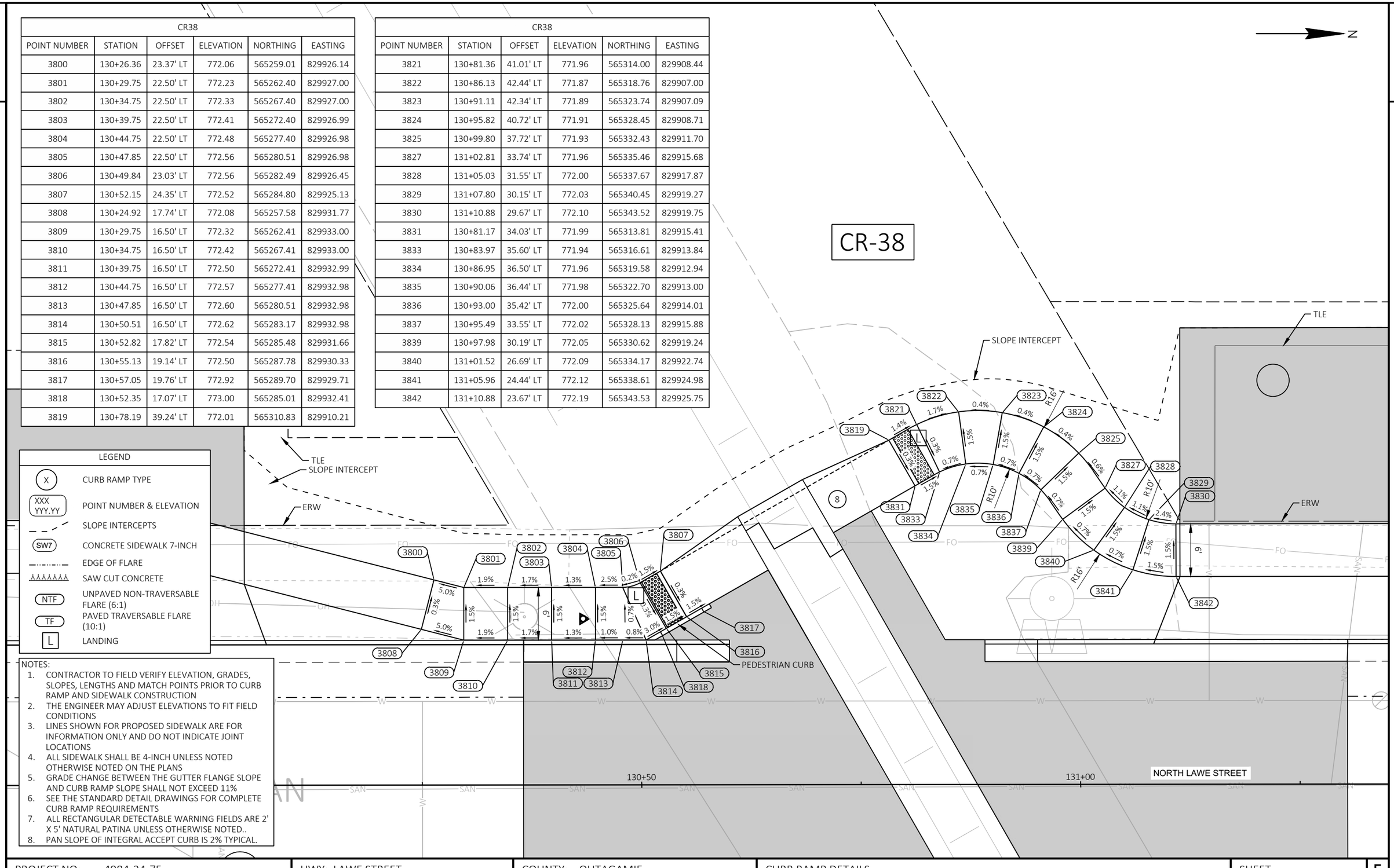


PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	CURB RAMP DETAILS	SHEET 54	E

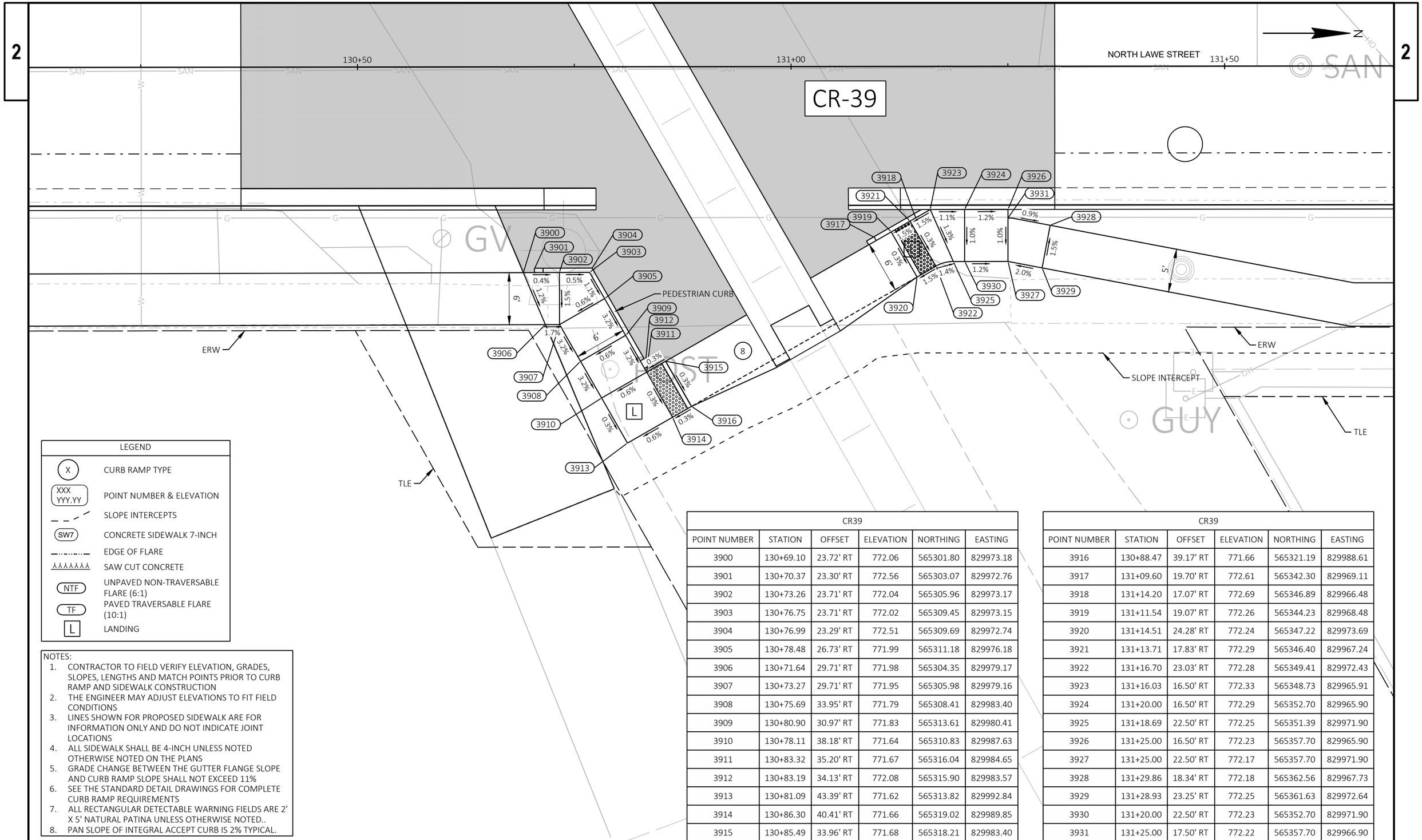
FILE NAME : I:\45\450639 LAWE ST APPLETON\C3D\SHEETS\021301-CR.DWG
LAYOUT NAME - 021320-cr
PLOT DATE : 10/30/2025 12:44 PM PLOT BY : HOSPER, JAN PLOT NAME : PLOT SCALE : 1 IN:5 FT
WISDOT/CADDS SHEET 42

CR38					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
3800	130+26.36	23.37' LT	772.06	565259.01	829926.14
3801	130+29.75	22.50' LT	772.23	565262.40	829927.00
3802	130+34.75	22.50' LT	772.33	565267.40	829927.00
3803	130+39.75	22.50' LT	772.41	565272.40	829926.99
3804	130+44.75	22.50' LT	772.48	565277.40	829926.98
3805	130+47.85	22.50' LT	772.56	565280.51	829926.98
3806	130+49.84	23.03' LT	772.56	565282.49	829926.45
3807	130+52.15	24.35' LT	772.52	565284.80	829925.13
3808	130+24.92	17.74' LT	772.08	565257.58	829931.77
3809	130+29.75	16.50' LT	772.32	565262.41	829933.00
3810	130+34.75	16.50' LT	772.42	565267.41	829933.00
3811	130+39.75	16.50' LT	772.50	565272.41	829932.99
3812	130+44.75	16.50' LT	772.57	565277.41	829932.98
3813	130+47.85	16.50' LT	772.60	565280.51	829932.98
3814	130+50.51	16.50' LT	772.62	565283.17	829932.98
3815	130+52.82	17.82' LT	772.54	565285.48	829931.66
3816	130+55.13	19.14' LT	772.50	565287.78	829930.33
3817	130+57.05	19.76' LT	772.92	565289.70	829929.71
3818	130+52.35	17.07' LT	773.00	565285.01	829932.41
3819	130+78.19	39.24' LT	772.01	565310.83	829910.21

CR38					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
3821	130+81.36	41.01' LT	771.96	565314.00	829908.44
3822	130+86.13	42.44' LT	771.87	565318.76	829907.00
3823	130+91.11	42.34' LT	771.89	565323.74	829907.09
3824	130+95.82	40.72' LT	771.91	565328.45	829908.71
3825	130+99.80	37.72' LT	771.93	565332.43	829911.70
3827	131+02.81	33.74' LT	771.96	565335.46	829915.68
3828	131+05.03	31.55' LT	772.00	565337.67	829917.87
3829	131+07.80	30.15' LT	772.03	565340.45	829919.27
3830	131+10.88	29.67' LT	772.10	565343.52	829919.75
3831	130+81.17	34.03' LT	771.99	565313.81	829915.41
3833	130+83.97	35.60' LT	771.94	565316.61	829913.84
3834	130+86.95	36.50' LT	771.96	565319.58	829912.94
3835	130+90.06	36.44' LT	771.98	565322.70	829913.00
3836	130+93.00	35.42' LT	772.00	565325.64	829914.01
3837	130+95.49	33.55' LT	772.02	565328.13	829915.88
3839	130+97.98	30.19' LT	772.05	565330.62	829919.24
3840	131+01.52	26.69' LT	772.09	565334.17	829922.74
3841	131+05.96	24.44' LT	772.12	565338.61	829924.98
3842	131+10.88	23.67' LT	772.19	565343.53	829925.75



PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	CURB RAMP DETAILS	SHEET 55	E



LEGEND	
X	CURB RAMP TYPE
XXX YYY.YY	POINT NUMBER & ELEVATION
	SLOPE INTERCEPTS
SW7	CONCRETE SIDEWALK 7-INCH
	EDGE OF FLARE
	SAW CUT CONCRETE
NTF	UNPAVED NON-TRAVERSABLE FLARE (6:1)
TF	PAVED TRAVERSABLE FLARE (10:1)
L	LANDING

NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATION, GRADES, SLOPES, LENGTHS AND MATCH POINTS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION
2. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONDITIONS
3. LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE JOINT LOCATIONS
4. ALL SIDEWALK SHALL BE 4-INCH UNLESS NOTED OTHERWISE NOTED ON THE PLANS
5. GRADE CHANGE BETWEEN THE GUTTER FLANGE SLOPE AND CURB RAMP SLOPE SHALL NOT EXCEED 11%
6. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS
7. ALL RECTANGULAR DETECTABLE WARNING FIELDS ARE 2' X 5' NATURAL PATINA UNLESS OTHERWISE NOTED..
8. PAN SLOPE OF INTEGRAL ACCEPT CURB IS 2% TYPICAL.

CR39					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
3900	130+69.10	23.72' RT	772.06	565301.80	829973.18
3901	130+70.37	23.30' RT	772.56	565303.07	829972.76
3902	130+73.26	23.71' RT	772.04	565305.96	829973.17
3903	130+76.75	23.71' RT	772.02	565309.45	829973.15
3904	130+76.99	23.29' RT	772.51	565309.69	829972.74
3905	130+78.48	26.73' RT	771.99	565311.18	829976.18
3906	130+71.64	29.71' RT	771.98	565304.35	829979.17
3907	130+73.27	29.71' RT	771.95	565305.98	829979.16
3908	130+75.69	33.95' RT	771.79	565308.41	829983.40
3909	130+80.90	30.97' RT	771.83	565313.61	829980.41
3910	130+78.11	38.18' RT	771.64	565310.83	829987.63
3911	130+83.32	35.20' RT	771.67	565316.04	829984.65
3912	130+83.19	34.13' RT	772.08	565315.90	829983.57
3913	130+81.09	43.39' RT	771.62	565313.82	829992.84
3914	130+86.30	40.41' RT	771.66	565319.02	829989.85
3915	130+85.49	33.96' RT	771.68	565318.21	829983.40

CR39					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
3916	130+88.47	39.17' RT	771.66	565321.19	829988.61
3917	131+09.60	19.70' RT	772.61	565342.30	829969.11
3918	131+14.20	17.07' RT	772.69	565346.89	829966.48
3919	131+11.54	19.07' RT	772.26	565344.23	829968.48
3920	131+14.51	24.28' RT	772.24	565347.22	829973.69
3921	131+13.71	17.83' RT	772.29	565346.40	829967.24
3922	131+16.70	23.03' RT	772.28	565349.41	829972.43
3923	131+16.03	16.50' RT	772.33	565348.73	829965.91
3924	131+20.00	16.50' RT	772.29	565352.70	829965.90
3925	131+18.69	22.50' RT	772.25	565351.39	829971.90
3926	131+25.00	16.50' RT	772.23	565357.70	829965.90
3927	131+25.00	22.50' RT	772.17	565357.70	829971.90
3928	131+29.86	18.34' RT	772.18	565362.56	829967.73
3929	131+28.93	23.25' RT	772.25	565361.63	829972.64
3930	131+20.00	22.50' RT	772.23	565352.70	829971.90
3931	131+25.00	17.50' RT	772.22	565357.70	829966.90

PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	CURB RAMP DETAILS	SHEET 56	E

2

LEGEND

EROSION MAT CLASS I, URBAN TYPE A

SLOPE INTERCEPT

INLET PROTECTION

N

EAST COLLEGE AVENUE

EAST WASHINGTON STREET

NORTH LAWE STREET

100+00 101+00 102+00 103+00 104+00 105+00 106+00

MATCH LINE STA. 106+00

00+80 00+60 00+40 00+20 11+00 21+00

GRAVEL PE

CON PE

ASPH PE

NOTE:
TYPE A INLET PROTECTION IS REQUIRED FOR ALL INLETS AFTER INSTALLATION AND BEFORE CURB PLACEMENT.
AFTER CURB PLACEMENT INSTALL TYPE B, C, OR D INLET PROTECTION (SEE MISCELLANEOUS QUANTITIES).

PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	EROSION CONTROL	SHEET 57	E

FILE NAME : I:\45\450639 LAWE ST APPLETON\C3D\SHEETS\022001-EC.DWG
LAYOUT NAME - 022001-ec

PLOT DATE : 10/30/2025 12:47 PM PLOT BY : HOSPER, JAN PLOT NAME : PLOT SCALE : 1" = 40'

WISDOT/CADDS SHEET 42

2

LEGEND

EROSION MAT CLASS I, URBAN TYPE A

SLOPE INTERCEPT

INLET PROTECTION

N

MATCH LINE STA. 106+00

NORTH LAWE STREET

107+00

108+00

109+00

110+00

111+00

112+00

MATCH LINE STA. 112+00

EAST FRANKLIN STREET

29+00

31+00

EAST ELDORADO STREET

39+00

41+00

NOTE:
TYPE A INLET PROTECTION IS REQUIRED FOR ALL INLETS AFTER INSTALLATION AND BEFORE CURB PLACEMENT.
AFTER CURB PLACEMENT INSTALL TYPE B, C, OR D INLET PROTECTION (SEE MISCELLANEOUS QUANTITIES).

PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	EROSION CONTROL	SHEET 58	E

FILE NAME : I:\45\450639 LAWE ST APPLETON\C3D\SHEETS\022001-EC.DWG
LAYOUT NAME - 022002-ec

PLOT DATE : 10/30/2025 12:47 PM PLOT BY : HOSPER, JAN PLOT NAME : PLOT SCALE : 1" = 40'

WISDOT/CADDS SHEET 42

2

LEGEND

EROSION MAT CLASS I, URBAN TYPE A

SLOPE INTERCEPT

INLET PROTECTION

N

MATCH LINE STA. 112+00

NORTH LAWE STREET

113+00

EAST NORTH STREET

114+00

51+00

115+00

116+00

NORTH LAWE STREET

117+00

MATCH LINE STA. 118+00

CON PE

ASPH PE

NOTE:
TYPE A INLET PROTECTION IS REQUIRED FOR ALL INLETS AFTER INSTALLATION AND BEFORE CURB PLACEMENT.
AFTER CURB PLACEMENT INSTALL TYPE B, C, OR D INLET PROTECTION (SEE MISCELLANEOUS QUANTITIES).

PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	EROSION CONTROL	SHEET 59	E

FILE NAME : I:\45\450639 LAWE ST APPLETON\C3D\SHEETS\022001-EC.DWG
LAYOUT NAME - 022003-ec
PLOT DATE : 10/30/2025 12:47 PM PLOT BY : HOSPER, JAN PLOT NAME : PLOT SCALE : 1" = 40'
WISDOT/CADDS SHEET 42

2

2

LEGEND

EROSION MAT CLASS I, URBAN TYPE A

SLOPE INTERCEPT

INLET PROTECTION

N

MATCH LINE STA. 118+00

MATCH LINE STA. 124+00

NORTH LAWE STREET

EAST PACIFIC STREET

EAST ATLANTIC STREET

118+00

119+00

120+00

121+00

122+00

123+00

124+00

69+00

71+00

NOTE:
TYPE A INLET PROTECTION IS REQUIRED FOR ALL INLETS AFTER INSTALLATION AND BEFORE CURB PLACEMENT.
AFTER CURB PLACEMENT INSTALL TYPE B, C, OR D INLET PROTECTION (SEE MISCELLANEOUS QUANTITIES).

PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	EROSION CONTROL	SHEET 60	E

FILE NAME : I:\45\450639 LAWE ST APPLETON\C3D\SHEETS\022001-EC.DWG
LAYOUT NAME - 022004-ec

PLOT DATE : 10/30/2025 12:47 PM PLOT BY : HOSPER, JAN PLOT NAME : PLOT SCALE : 1" = 40'

WISDOT/CADDS SHEET 42

2

LEGEND

EROSION MAT CLASS I, URBAN TYPE A

SLOPE INTERCEPT

INLET PROTECTION

N

MATCH LINE STA. 124+00

+00

NORTH LAWE STREET 125+00

126+00

127+00

128+00

129+00

NORTH LAWE STREET 130

MATCH LINE STA. 130+00

EAST HANCOCK STREET

80+00

81+00

GRAVEL
PE

CON
PE

NOTE:
TYPE A INLET PROTECTION IS REQUIRED FOR ALL INLETS AFTER INSTALLATION AND BEFORE CURB PLACEMENT.
AFTER CURB PLACEMENT INSTALL TYPE B, C, OR D INLET PROTECTION (SEE MISCELLANEOUS QUANTITIES).

PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	EROSION CONTROL	SHEET 61	E

FILE NAME : I:\45\450639 LAWE ST APPLETON\C3D\SHEETS\022001-EC.DWG
LAYOUT NAME - 022005-ec

PLOT DATE : 10/30/2025 12:48 PM PLOT BY : HOSPER, JAN PLOT NAME : PLOT SCALE : 1" = 40'

2

N

LEGEND

EROSION MAT CLASS I, URBAN TYPE A

SLOPE INTERCEPT

INLET PROTECTION

MATCH LINE STA. 130+00

130+00

131+00

132+00

133+00

134+00

135+00

136+00

NORTH LAWE STREET

NORTH LAWE STREET

EAST SPRING STREET

GRAVEL PE

GRAVEL PE

ASPH PE

ASPH PE

NOTE:
TYPE A INLET PROTECTION IS REQUIRED FOR ALL INLETS AFTER INSTALLATION AND BEFORE CURB PLACEMENT.
AFTER CURB PLACEMENT INSTALL TYPE B, C, OR D INLET PROTECTION (SEE MISCELLANEOUS QUANTITIES).

PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	EROSION CONTROL	SHEET 62	E

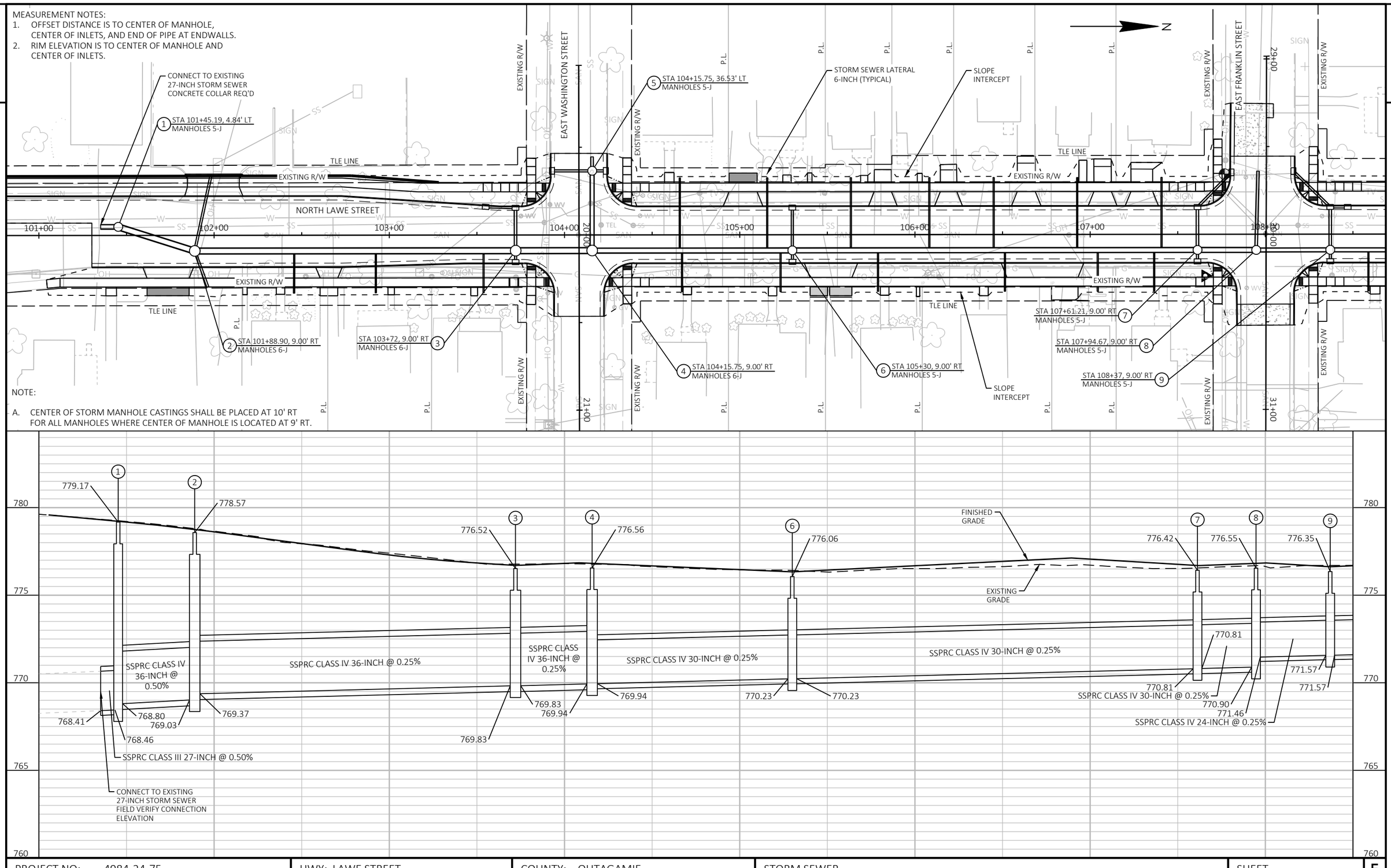
FILE NAME : I:\45\450639 LAWE ST APPLETON\C3D\SHEETS\022001-EC.DWG
LAYOUT NAME - 022006-ec

PLOT DATE : 10/30/2025 12:48 PM PLOT BY : HOSPER, JAN PLOT NAME : PLOT SCALE : 1" = 40'

MEASUREMENT NOTES:
1. OFFSET DISTANCE IS TO CENTER OF MANHOLE, CENTER OF INLETS, AND END OF PIPE AT ENDWALLS.
2. RIM ELEVATION IS TO CENTER OF MANHOLE AND CENTER OF INLETS.

NOTE:

A. CENTER OF STORM MANHOLE CASTINGS SHALL BE PLACED AT 10' RT FOR ALL MANHOLES WHERE CENTER OF MANHOLE IS LOCATED AT 9' RT.



PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	STORM SEWER	SHEET 63	E

2

N

P.L.

EXISTING R/W

EAST ELDORADO STREET

39+00

41+00

EAST NORTH STREET

51+00

SLOPE INTERCEPT

TLE LINE

NORTH LAWE STREET

109+00

110+00

111+00

112+00

113+00

114+00

115+00

116+00

11 STA 111+06.36, 35.98' LT
MANHOLES 5-J

14 STA 114+75, 0.00'
MANHOLES 4-J

STORM SEWER LATERAL
6-INCH (TYPICAL)

12 STA 111+37.93, 9.00' RT
MANHOLES 5-J

10 STA 111+06.36, 9.00' RT
MANHOLES 5-J

STA 113+79.57, 9.00' RT
MANHOLES 4-J 13

NOTE:

A. CENTER OF STORM MANHOLE CASTINGS SHALL BE PLACED AT 10' RT FOR ALL MANHOLES WHERE CENTER OF MANHOLE IS LOCATED AT 9' RT.

MEASUREMENT NOTES:
1. OFFSET DISTANCE IS TO CENTER OF MANHOLE, CENTER OF INLETS, AND END OF PIPE AT ENDWALLS.
2. RIM ELEVATION IS TO CENTER OF MANHOLE AND CENTER OF INLETS.

780
775
770
765
760

FINISHED GRADE

EXISTING GRADE

10 777.67

12 777.86

13 778.89

14 778.15

772.25

772.33

772.25

772.33

772.94

771.86

SSPRC CLASS IV 24-INCH @ 0.25%

SSPRC CLASS IV 24-INCH @ 0.25%

SSPRC CLASS IV 24-INCH @ 0.25%

SSPRC CLASS III 24-INCH @ 1.25%

PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	STORM SEWER	SHEET 64	E

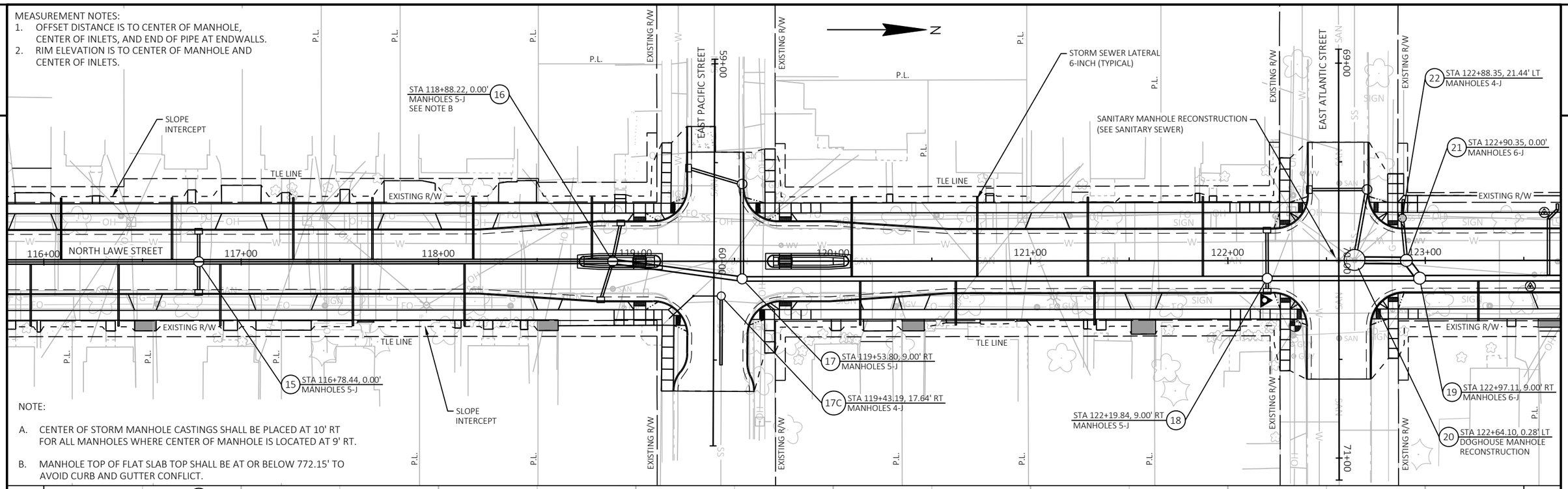
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LAYOUT NAME - 022502-ss
PLOT DATE : 10/30/2025 12:50 PM
PLOT BY : HOSPER, JAN
PLOT NAME :
PLOT SCALE : 1 IN:50 FT
WISDOT/CADDS SHEET 41

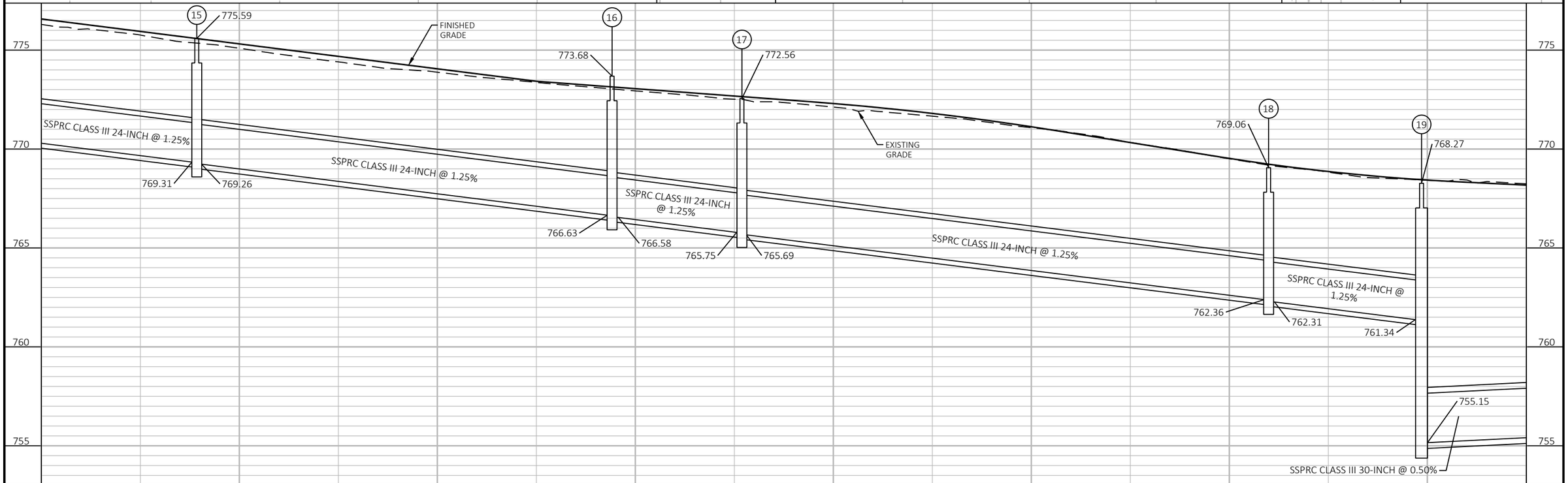
MEASUREMENT NOTES:
1. OFFSET DISTANCE IS TO CENTER OF MANHOLE, CENTER OF INLETS, AND END OF PIPE AT ENDWALLS.
2. RIM ELEVATION IS TO CENTER OF MANHOLE AND CENTER OF INLETS.

NOTE:

A. CENTER OF STORM MANHOLE CASTINGS SHALL BE PLACED AT 10' RT FOR ALL MANHOLES WHERE CENTER OF MANHOLE IS LOCATED AT 9' RT.

B. MANHOLE TOP OF FLAT SLAB TOP SHALL BE AT OR BELOW 772.15' TO AVOID CURB AND GUTTER CONFLICT.

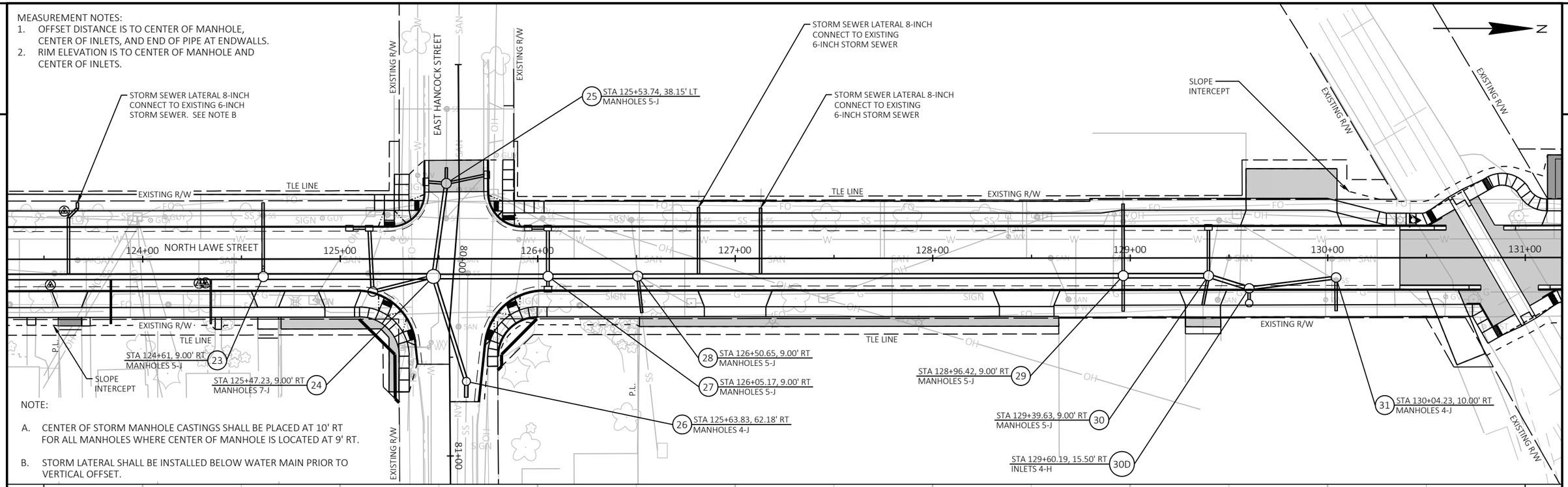




PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	STORM SEWER	SHEET 65	E

FILE NAME : I:\45\450639 LAWE ST APPLETON\C3D\SHEETS\022501-SS.DWG
LAYOUT NAME - 022503-ss
PLOT DATE : 10/30/2025 12:51 PM PLOT BY : HOSPER, JAN PLOT NAME : PLOT SCALE : 1 IN:50 FT

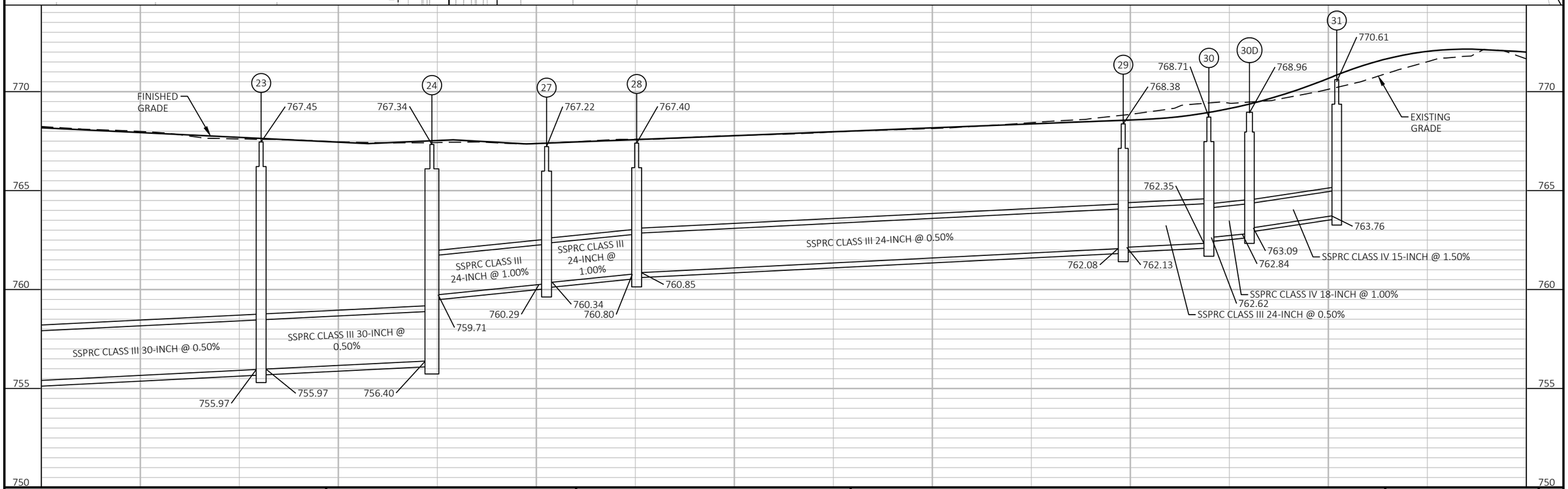
MEASUREMENT NOTES:
1. OFFSET DISTANCE IS TO CENTER OF MANHOLE, CENTER OF INLETS, AND END OF PIPE AT ENDWALLS.
2. RIM ELEVATION IS TO CENTER OF MANHOLE AND CENTER OF INLETS.



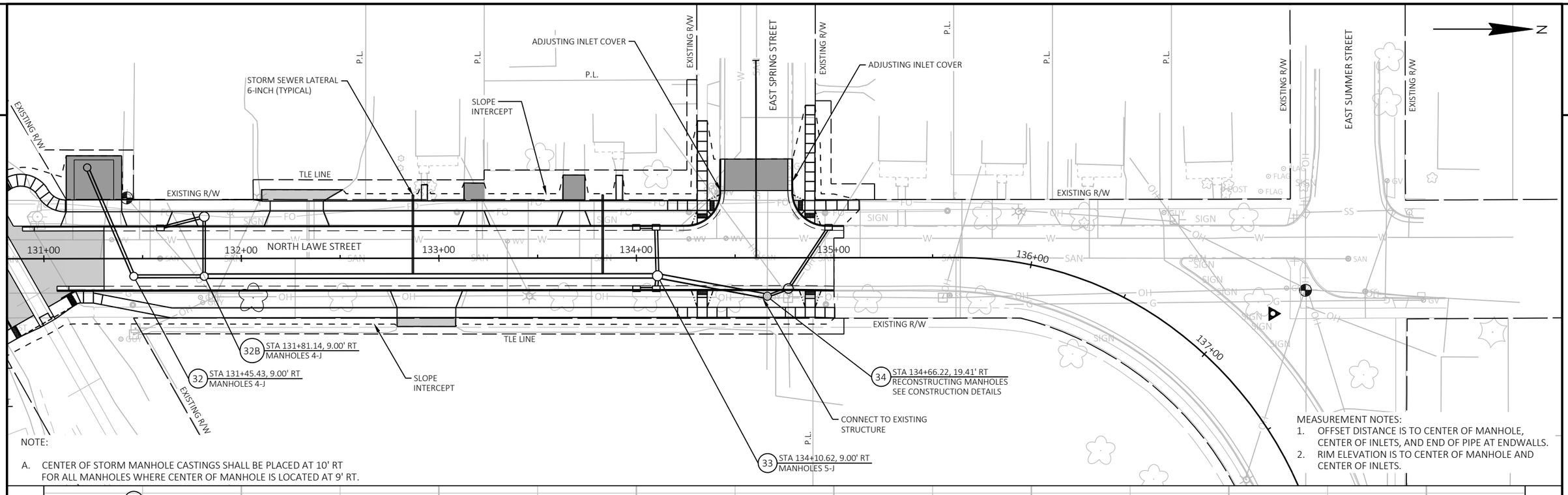
NOTE:

A. CENTER OF STORM MANHOLE CASTINGS SHALL BE PLACED AT 10' RT FOR ALL MANHOLES WHERE CENTER OF MANHOLE IS LOCATED AT 9' RT.

B. STORM LATERAL SHALL BE INSTALLED BELOW WATER MAIN PRIOR TO VERTICAL OFFSET.



PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	STORM SEWER	SHEET 66	E

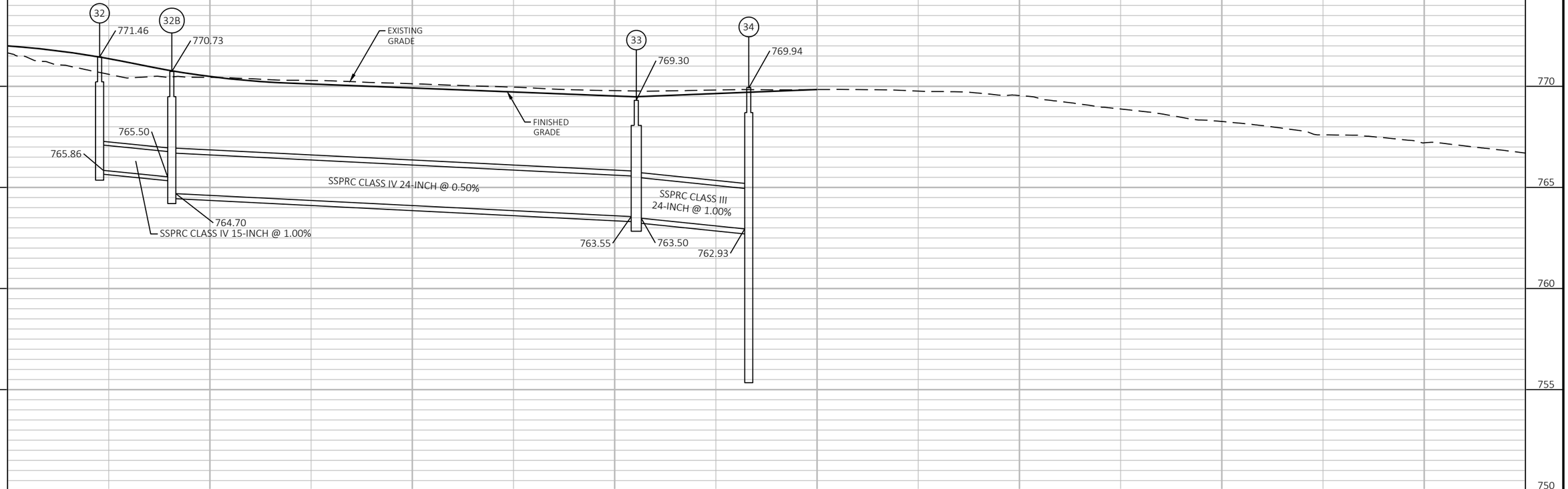


NOTE:

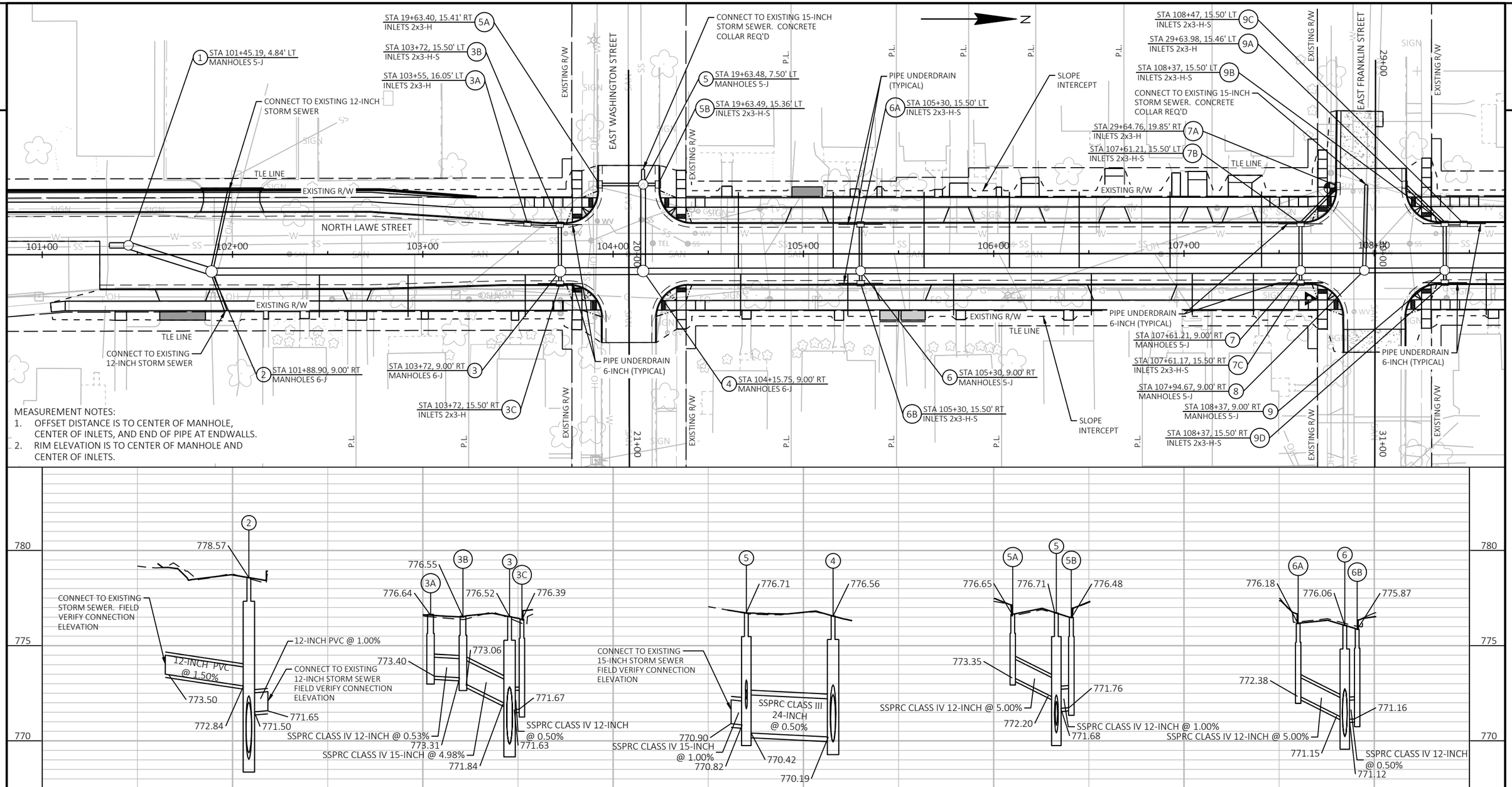
A. CENTER OF STORM MANHOLE CASTINGS SHALL BE PLACED AT 10' RT FOR ALL MANHOLES WHERE CENTER OF MANHOLE IS LOCATED AT 9' RT.

MEASUREMENT NOTES:

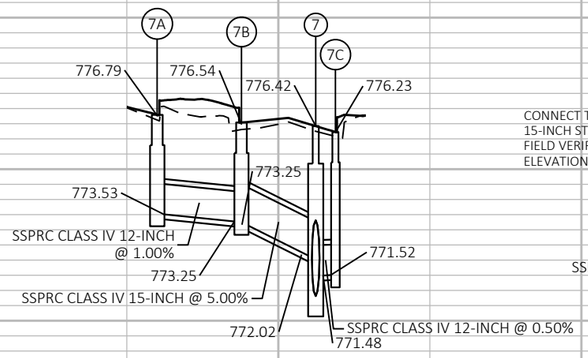
1. OFFSET DISTANCE IS TO CENTER OF MANHOLE, CENTER OF INLETS, AND END OF PIPE AT ENDWALLS.
2. RIM ELEVATION IS TO CENTER OF MANHOLE AND CENTER OF INLETS.

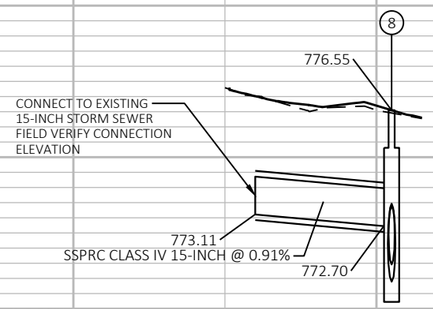


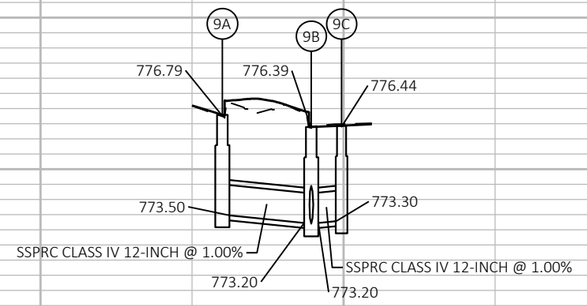
PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	STORM SEWER	SHEET 67	E

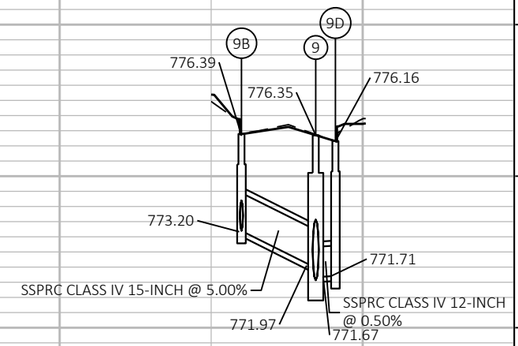

STA 101+45.19, 4.84' LT
MANHOLES 5-J
1
CONNECT TO EXISTING 12-INCH
STORM SEWER
STA 19+63.40, 15.41' RT
INLETS 2x3-H
5A
STA 103+72, 15.50' LT
INLETS 2x3-H-S
3B
STA 103+55, 16.05' LT
INLETS 2x3-H
3A
EXISTING R/W
EAST WASHINGTON STREET
CONNECT TO EXISTING 15-INCH
STORM SEWER. CONCRETE
COLLAR REQ'D
STA 19+63.48, 7.50' LT
MANHOLES 5-J
5
STA 19+63.49, 15.36' LT
INLETS 2x3-H-S
5B
PIPE UNDERDRAIN
(TYPICAL)
STA 105+30, 15.50' LT
INLETS 2x3-H-S
6A
SLOPE
INTERCEPT
STA 108+47, 15.50' LT
INLETS 2x3-H-S
9C
STA 29+63.98, 15.46' LT
INLETS 2x3-H
9A
STA 108+37, 15.50' LT
INLETS 2x3-H-S
9B
CONNECT TO EXISTING 15-INCH
STORM SEWER. CONCRETE
COLLAR REQ'D
EAST FRANKLIN STREET
STA 29+64.76, 19.85' RT
INLETS 2x3-H
7A
STA 107+61.21, 15.50' LT
INLETS 2x3-H-S
7B
TLE LINE
EXISTING R/W
NORTH LAWE STREET
101+00
102+00
103+00
104+00
105+00
106+00
107+00
108+00
29+00
21+00
31+00
TLE LINE
EXISTING R/W
CONNECT TO EXISTING
12-INCH STORM SEWER
STA 101+88.90, 9.00' RT
MANHOLES 6-J
2
STA 103+72, 9.00' RT
MANHOLES 6-J
3
STA 103+72, 15.50' RT
INLETS 2x3-H
3C
PIPE UNDERDRAIN
6-INCH (TYPICAL)
STA 104+15.75, 9.00' RT
MANHOLES 6-J
4
STA 105+30, 9.00' RT
MANHOLES 5-J
6
STA 105+30, 15.50' RT
INLETS 2x3-H-S
6B
SLOPE
INTERCEPT
PIPE UNDERDRAIN
6-INCH (TYPICAL)
STA 107+61.21, 9.00' RT
MANHOLES 5-J
7
STA 107+61.17, 15.50' RT
INLETS 2x3-H-S
7C
STA 107+94.67, 9.00' RT
MANHOLES 5-J
8
STA 108+37, 9.00' RT
MANHOLES 5-J
9
STA 108+37, 15.50' RT
INLETS 2x3-H-S
9D
PIPE UNDERDRAIN
6-INCH (TYPICAL)
N
MEASUREMENT NOTES:
1. OFFSET DISTANCE IS TO CENTER OF MANHOLE, CENTER OF INLETS, AND END OF PIPE AT ENDWALLS.
2. RIM ELEVATION IS TO CENTER OF MANHOLE AND CENTER OF INLETS.

780
775
770
765
760
2
778.57
CONNECT TO EXISTING
STORM SEWER. FIELD
VERIFY CONNECTION
ELEVATION
12-INCH PVC @ 1.50%
773.50
772.84
12-INCH PVC @ 1.00%
CONNECT TO EXISTING
12-INCH STORM SEWER
FIELD VERIFY CONNECTION
ELEVATION
771.65
771.50
SSPRC CLASS IV 12-INCH @ 0.53%
773.31
SSPRC CLASS IV 15-INCH @ 4.98%
771.84
3B
3
3A
3C
776.55
776.64
776.52
776.39
773.40
773.06
771.67
SSPRC CLASS IV 12-INCH
@ 0.50%
771.63
5
4
776.71
776.56
CONNECT TO EXISTING
15-INCH STORM SEWER
FIELD VERIFY CONNECTION
ELEVATION
SSPRC CLASS III
24-INCH
@ 0.50%
770.90
SSPRC CLASS IV 15-INCH
@ 1.00%
770.82
770.42
770.19
5A
5
5B
776.65
776.71
776.48
773.35
771.76
SSPRC CLASS IV 12-INCH @ 5.00%
772.20
771.68
SSPRC CLASS IV 12-INCH @ 1.00%
6A
6
6B
776.18
776.06
775.87
772.38
771.16
SSPRC CLASS IV 12-INCH @ 5.00%
771.15
SSPRC CLASS IV 12-INCH
@ 0.50%
771.12



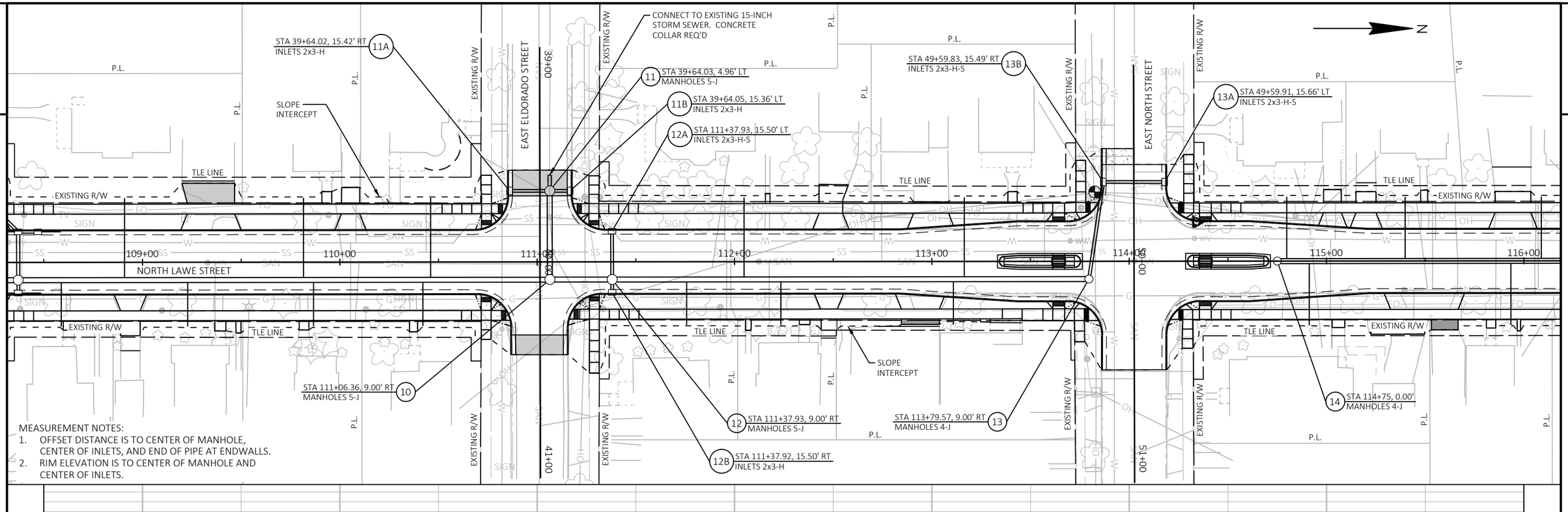


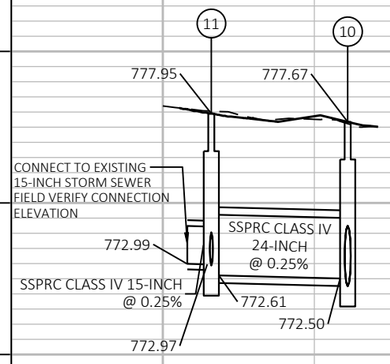


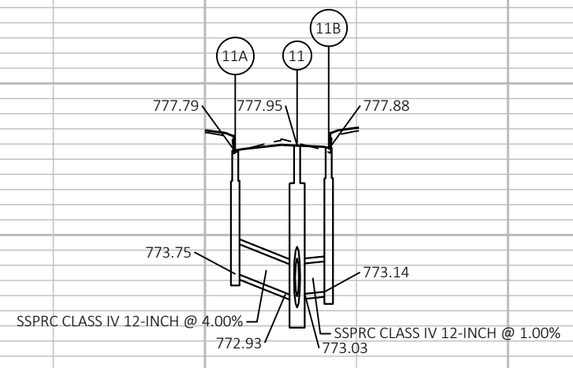


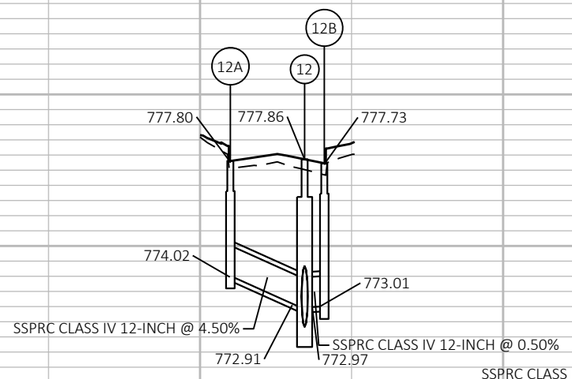
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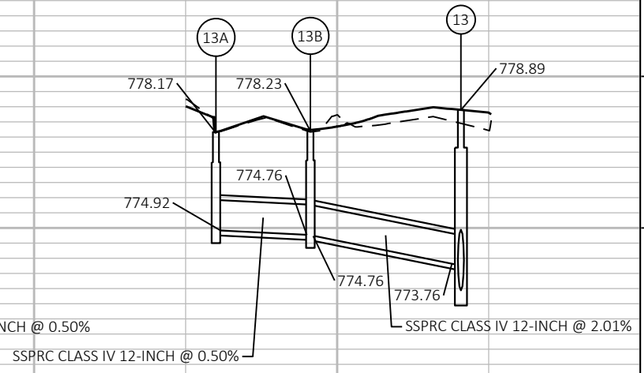
PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	STORM SEWER	SHEET 69	E











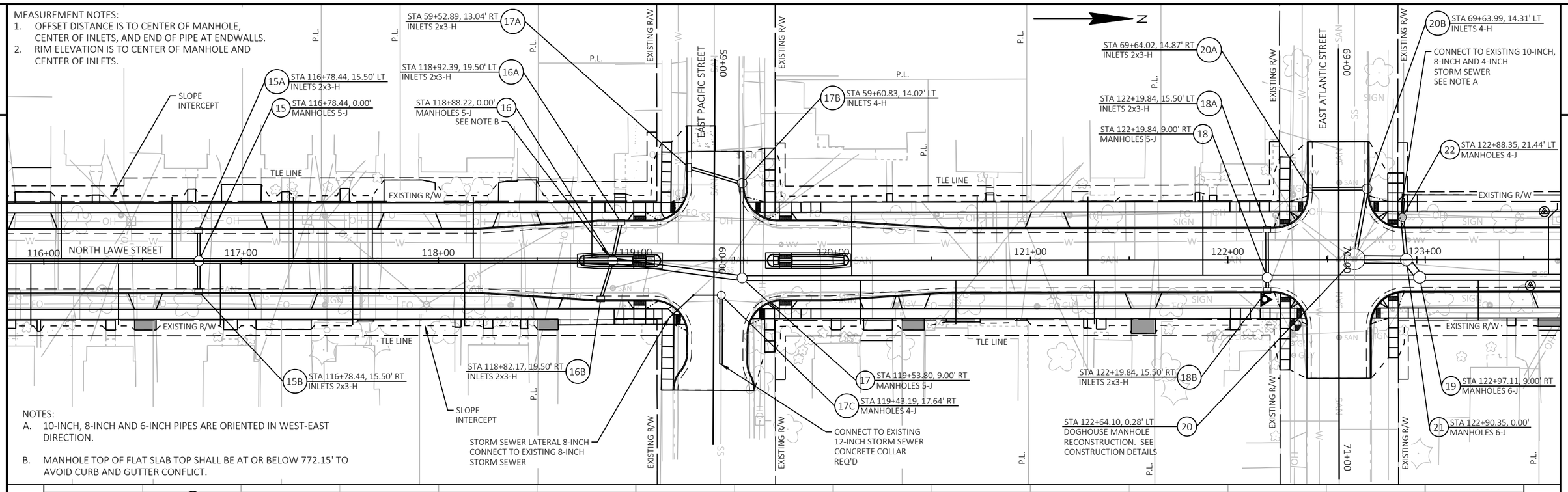
780 775 770 765 760

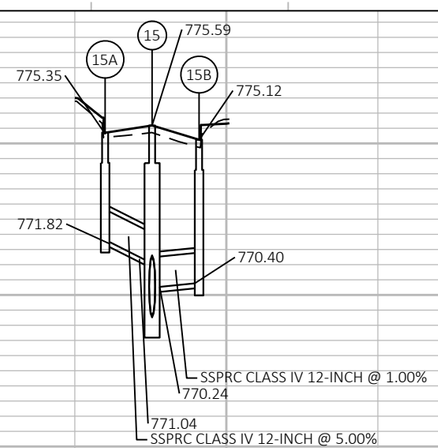
PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	STORM SEWER	SHEET 70	E

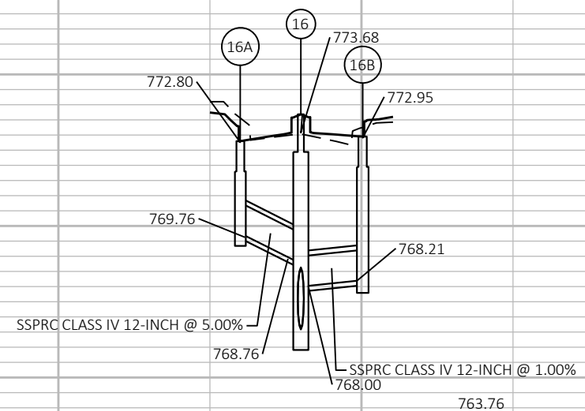
MEASUREMENT NOTES:
1. OFFSET DISTANCE IS TO CENTER OF MANHOLE, CENTER OF INLETS, AND END OF PIPE AT ENDWALLS.
2. RIM ELEVATION IS TO CENTER OF MANHOLE AND CENTER OF INLETS.

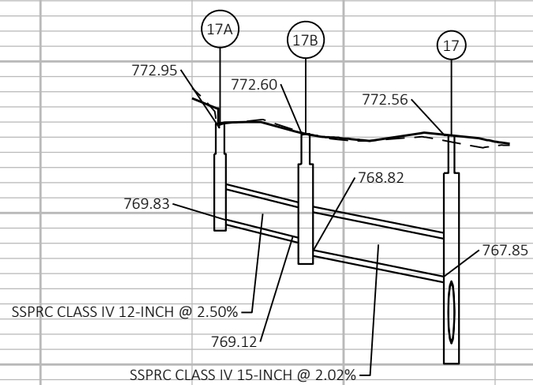
NOTES:
A. 10-INCH, 8-INCH AND 6-INCH PIPES ARE ORIENTED IN WEST-EAST DIRECTION.

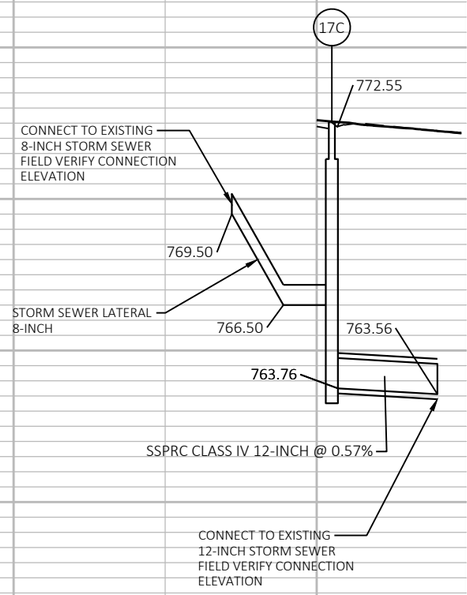
B. MANHOLE TOP OF FLAT SLAB TOP SHALL BE AT OR BELOW 772.15' TO AVOID CURB AND GUTTER CONFLICT.







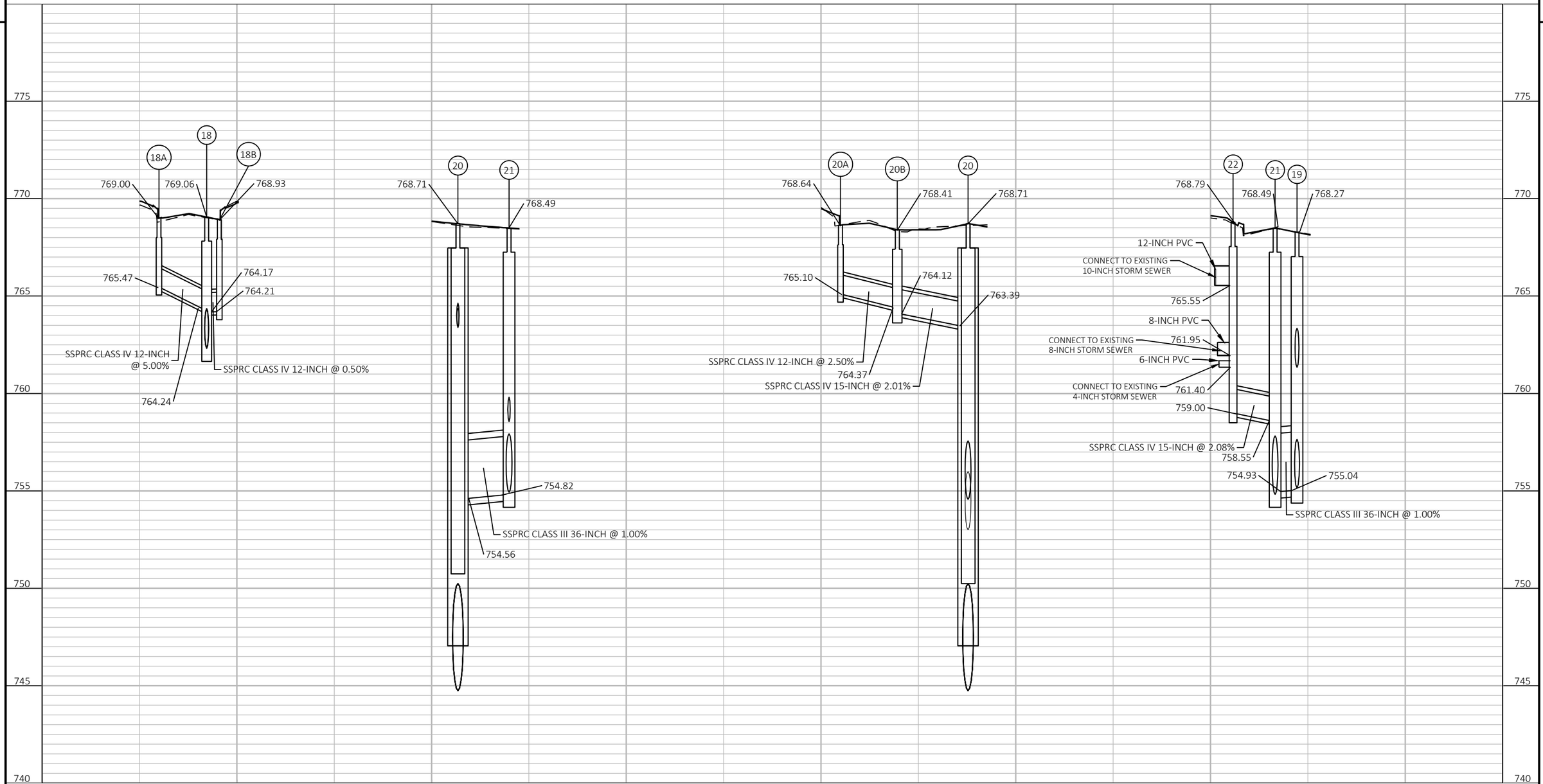




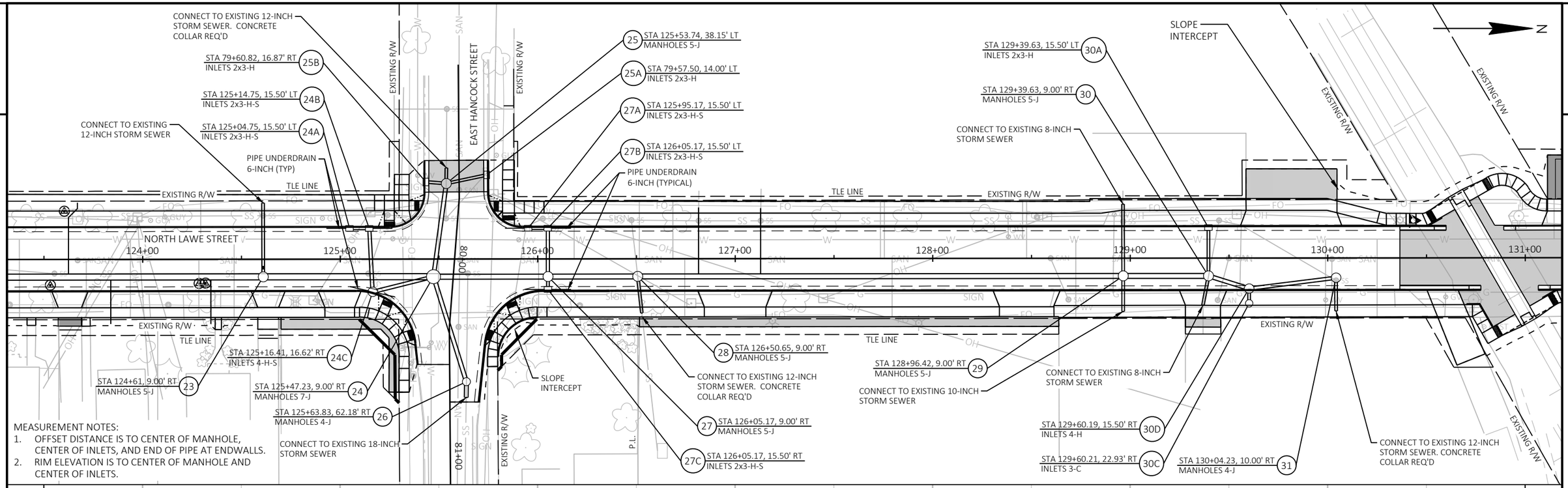
775
770
765
760
755

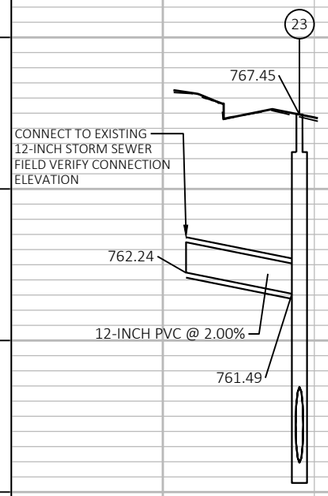
PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	STORM SEWER	SHEET 71	E

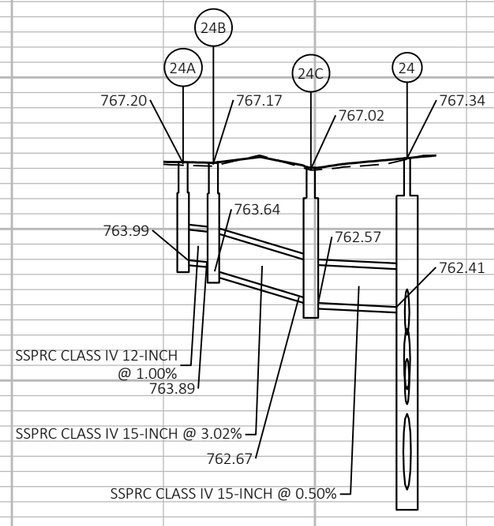
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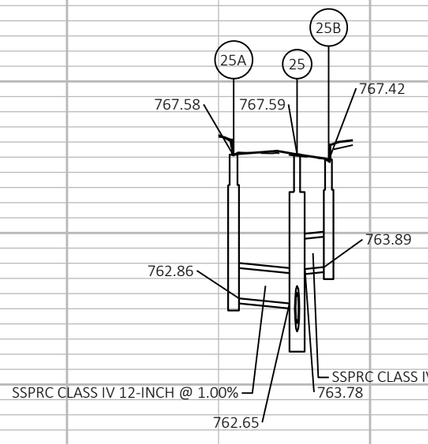


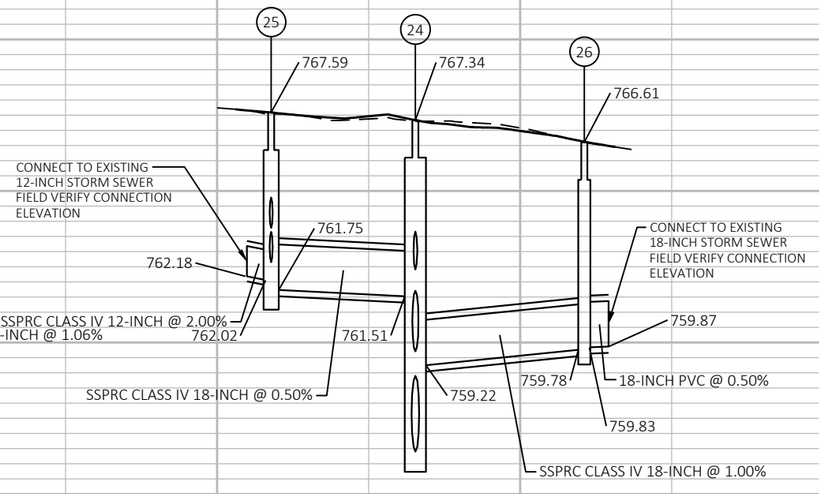
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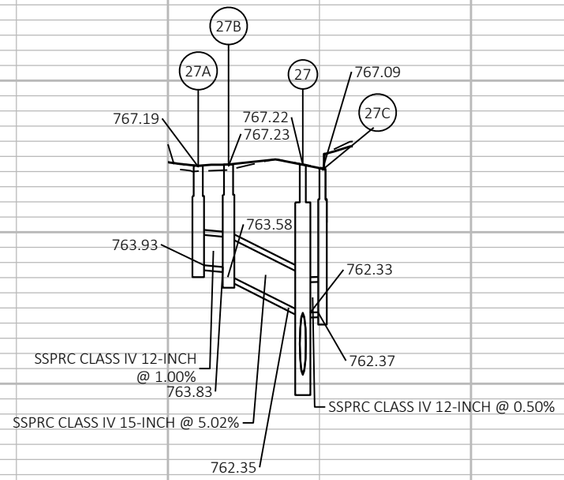


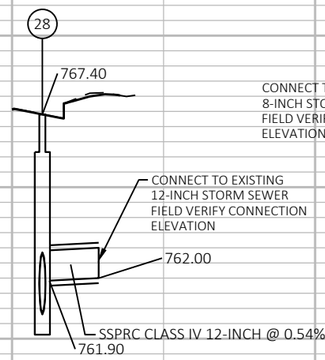


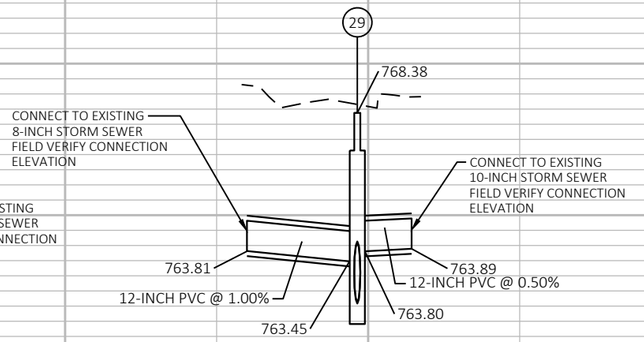
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765
760
755
750

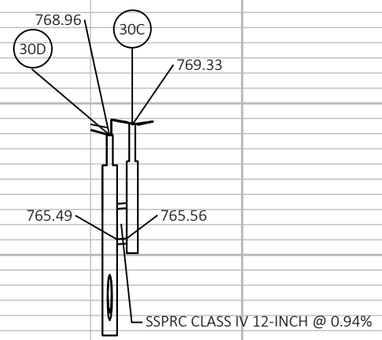
PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	STORM SEWER	SHEET 73	E

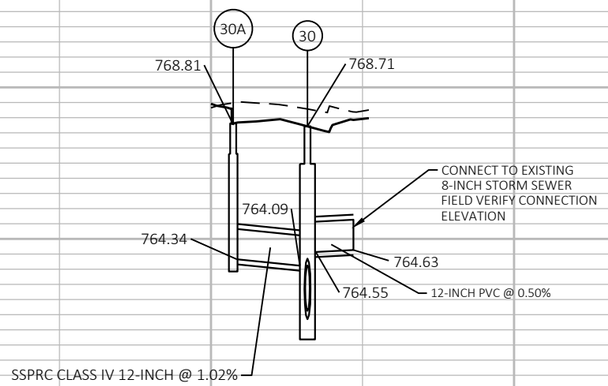
FILE NAME : I:\45\450639 LAWE ST APPLETON\C3D\SHEETS\022502-SS.DWG
LAYOUT NAME - 022511-ss
PLOT DATE : 10/30/2025 12:54 PM
PLOT BY : HOSPER, JAN
PLOT NAME :
PLOT SCALE : 1 IN:50 FT
WISDOT/CADDS SHEET 41

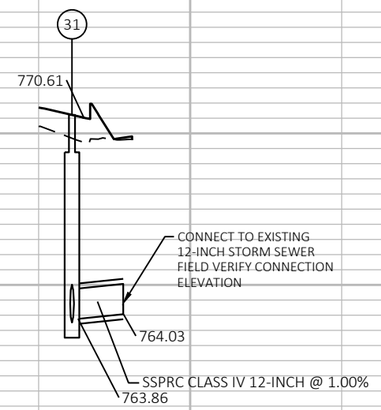




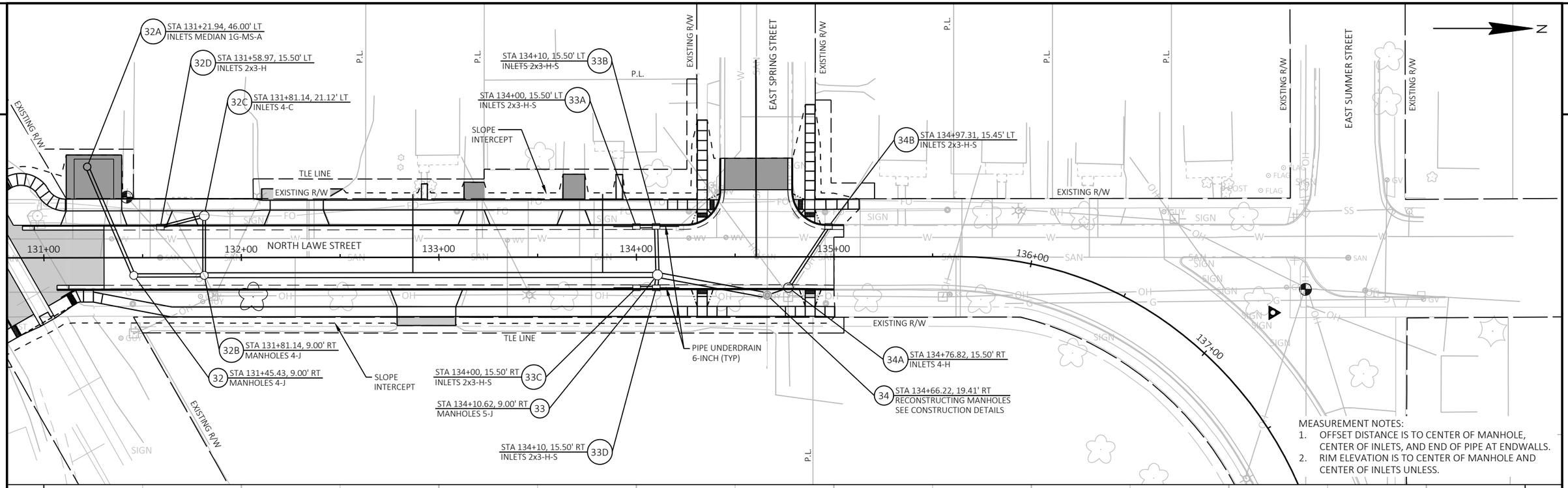


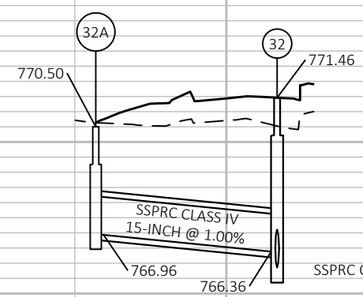


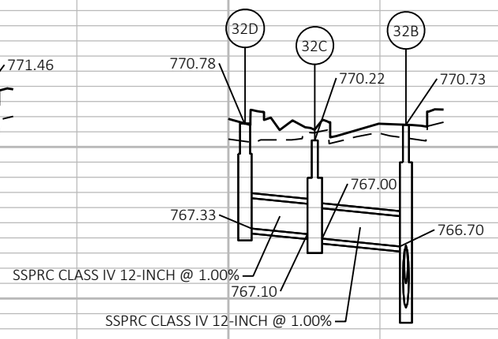


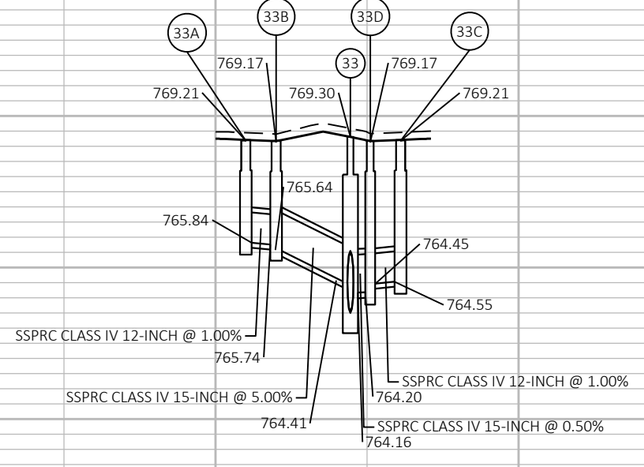


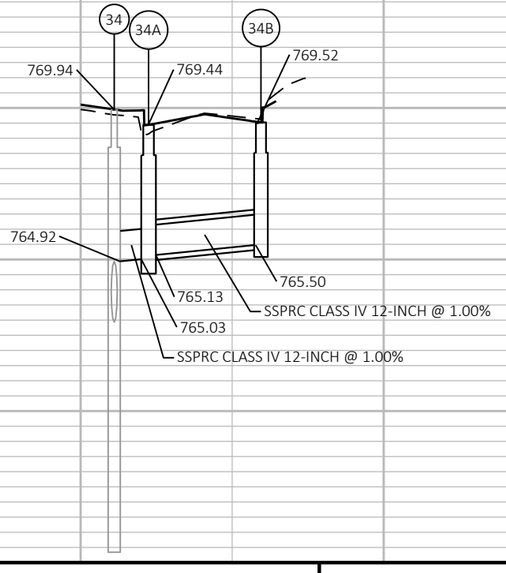
PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	STORM SEWER	SHEET 74	E





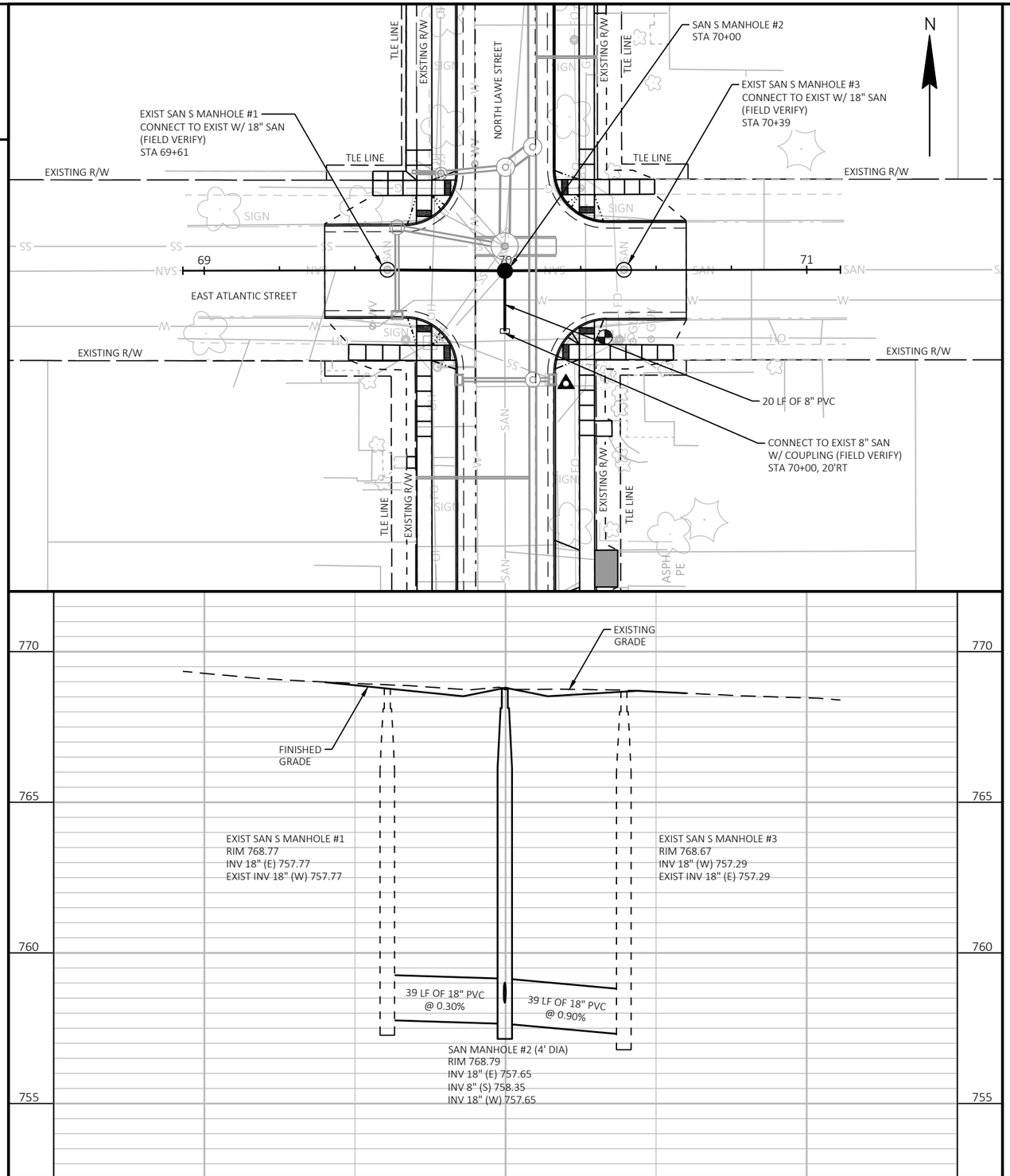


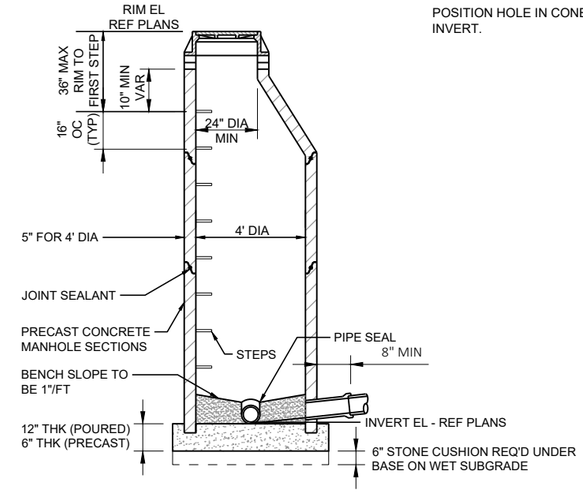




775 770 765 760 755

PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	STORM SEWER	SHEET 75	E

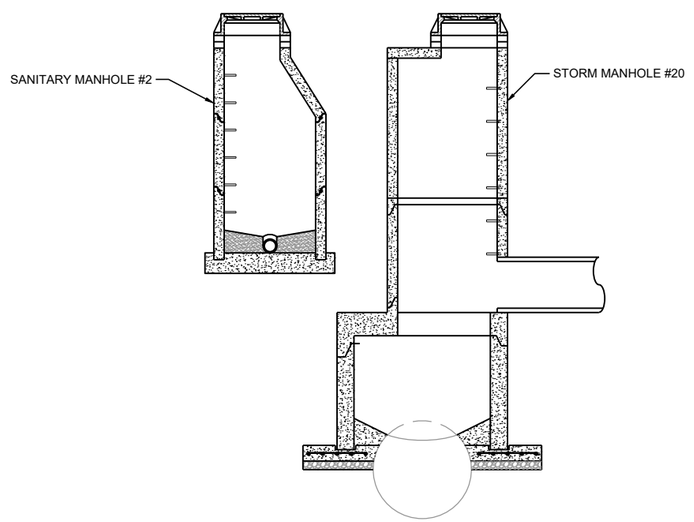




POSITION HOLE IN CONE OVER DOWNSTREAM INVERT.

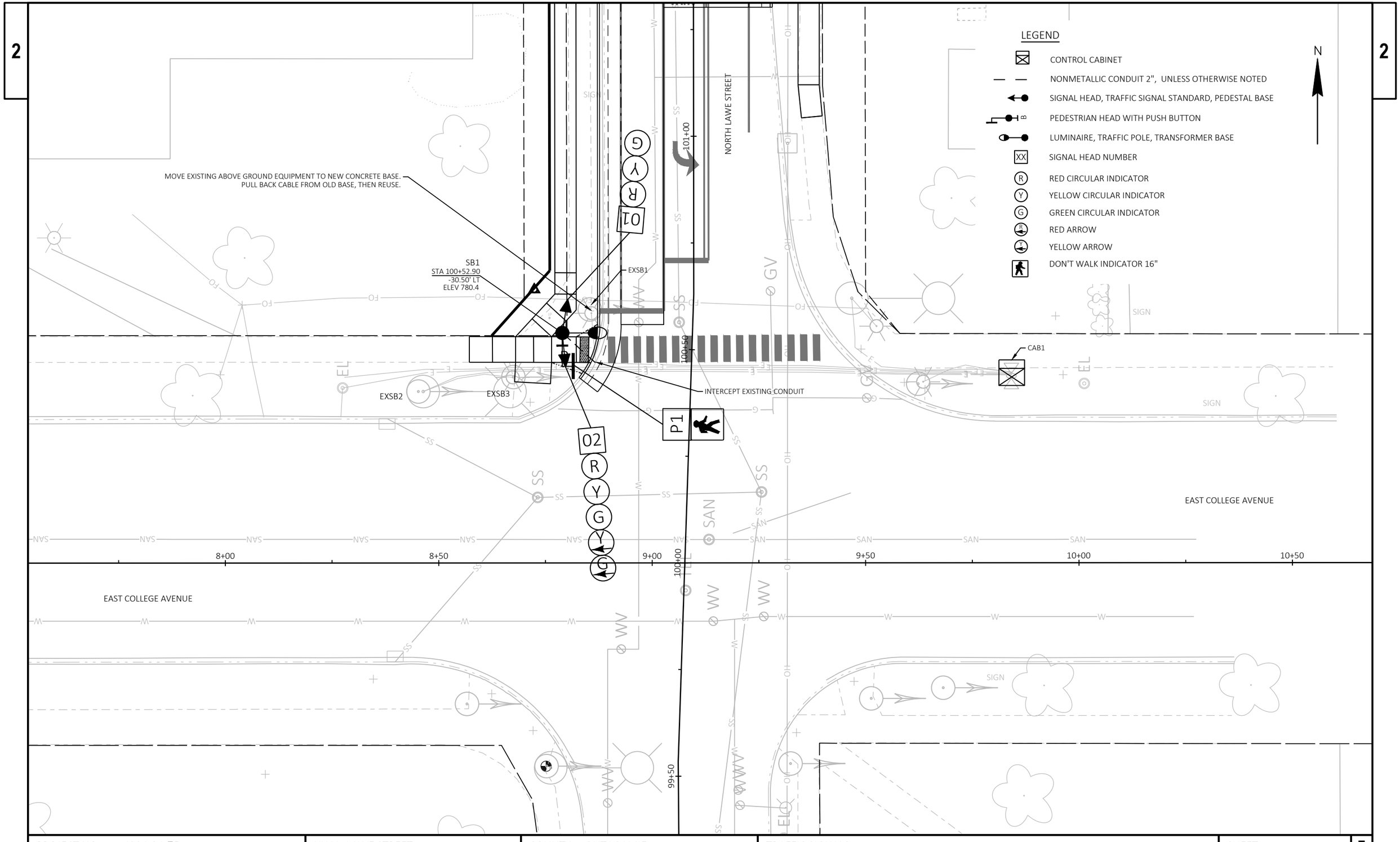
STANDARD SANITARY MANHOLE

NOT TO SCALE



SANITARY MH #2 - STORM MH #20

NOT TO SCALE



PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	TRAFFIC SIGNALS	SHEET 77	E

2

N

EAST NORTH STREET

PB1
STA 113+80
-40.11' LT
ELEV = 779.0

1.5" SERVICE FEED FROM UTILITY POLE

SB13
STA 113+60.40
-23.25' LT
ELEV = 778.95

1.5-INCH CONDUIT

PUSH BUTTON STATION BASE A
STA 113+84.80
37.20' LT

SB14
STA 114+42.40
-23.25' LT
ELEV = 778.6

SB15
STA 114+42.90
0.00' LT
ELEV = 779.15

NORTH LAWE STREET

113+00

113+50

114+00

114+50

115+00

115+50

SB12
STA 113+59.90
0.00' LT
ELEV = 779.55

SB11
STA 113+60.40
22.75' RT
ELEV = 779.0

SB16
STA 114+42.40
23.25' RT
ELEV = 778.6

1.5-INCH CONDUIT

PUSH BUTTON STATION BASE B
STA 114+20
38.50' RT

49+50

50+00

50+50

51+00

CONSTRUCTION NOTES:

1) CONTRACTOR TO INSTALL CONCRETE BASES, PULL BOXES, AND CONDUIT. CITY OF APPLETON WILL INSTALL CABLING IN CONDUIT AND ABOVE GROUND ITEMS.

LEGEND

- NONMETALLIC CONDUIT 2", UNLESS OTHERWISE NOTED
- TRAFFIC SIGNAL STANDARD, PEDESTAL BASE WITH RRFB
- PUSH BUTTON
- PULL BOX, 24" X 42"

PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	TRAFFIC SIGNALS - PEDESTRIAN BEACONS	SHEET 78	E

FILE NAME : I:\45\450639 LAWE ST APPLETON\C3D\SHEETS\024201-SP.DWG
LAYOUT NAME - 024202-sp
PLOT DATE : 10/30/2025 12:59 PM
PLOT BY : HOSPER, JAN
PLOT NAME :
PLOT SCALE : 1" = 40'
WISDOT/CADDS SHEET 42

2

NOTE: REMOVE EXISTING PAVEMENT MARKINGS ON PAVEMENTS TO REMAIN IN PLACE.
ONLY WATER BLASTING ALLOWED.

N

EAST COLLEGE AVENUE

EAST WASHINGTON STREET

NORTH LAWE STREET

MATCH LINE STA. 106+00

STA 100+58.85 -6.90' LT

STA 100+70.89 3.20' RT

STA 101+00 12.97' RT

STA 102+72.18 -7.03' LT

STA 102+72.69 2.97' RT

STA 103+78.01 0.00'

AEW WEW EW6 EW8 EW8-3 SEW SEW18 CETW CEBW EY4D EY4-15 EW6

MARKING LEGEND

EY4	LINE EPOXY (YELLOW) 4-INCH	AEW	ARROW EPOXY (WHITE)
EY4-15	LINE EPOXY (YELLOW) 4-INCH, 15' LINE, 25' GAP	WEW	WORDS EPOXY (WHITE)
EY4-3	LINE EPOXY (YELLOW) 4-INCH, 3' LINE, 9' GAP	DEY12	DIAGONAL EPOXY (YELLOW) 12-INCH
EY4D	LINE EPOXY (DOUBLE YELLOW) 4-INCH	DEW12	DIAGONAL EPOXY (WHITE) 12-INCH
EW4	LINE EPOXY (WHITE) 4-INCH	SEW	SYMBOL EPOXY (WHITE)
EW6	LINE EPOXY (WHITE) 6-INCH	CEY	CURB EPOXY (YELLOW)
EW8	LINE EPOXY (WHITE) 8-INCH	NEY	ISLAND NOSE EPOXY (YELLOW)
EW6-3	LINE EPOXY (WHITE) 6-INCH, 3' LINE, 9' GAP	SEW18	STOP LINE EPOXY (WHITE) 18-INCH
EW8-3	LINE EPOXY (WHITE) 8-INCH, 3' LINE, 9' GAP	CEBW	CROSSWALK EPOXY BLOCK 18-INCH (WHITE)
RRW	RAILROAD MARKING (WHITE)	CETW	CROSSWALK EPOXY TRANSVERSE 6-INCH (WHITE)

PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	PAVEMENT MARKINGS	SHEET 79	E

FILE NAME : I:\45\450639 LAWE ST APPLETON\C3D\SHEETS\024501-PM.DWG
LAYOUT NAME - 024501-pm

PLOT DATE : 10/30/2025 1:00 PM PLOT BY : HOSPER, JAN PLOT NAME : PLOT SCALE : 1" = 40'

WISDOT/CADDS SHEET 42

2

N

MATCH LINE STA. 106+00

+00

NORTH LAWE STREET

107+00

108+00

109+00

NORTH LAWE STREET

110+00

111+00

NORTH LAWE STREET

112

MATCH LINE STA. 112+00

EAST FRANKLIN STREET

29+00

EAST ELDORADO STREET

39+00

EAST FRANKLIN STREET

31+00

EAST ELDORADO STREET

41+00

25' TYP.

6'

10'

10'

6'

25'

EW8

SEW

EY4D

EW6

AEW

SEW

SEW18

CETW

CEBW

CETW

EW6

SEW

AEW

EW6

EY4-15

EW6

EW6

EY4-15

AEW

SEW

EW6

EY4-15

AEW

SEW

EY4

SEW18

MARKING LEGEND

EY4	LINE EPOXY (YELLOW) 4-INCH	AEW	ARROW EPOXY (WHITE)
EY4-15	LINE EPOXY (YELLOW) 4-INCH, 15' LINE, 25' GAP	WEW	WORDS EPOXY (WHITE)
EY4-3	LINE EPOXY (YELLOW) 4-INCH, 3' LINE, 9' GAP	DEY12	DIAGONAL EPOXY (YELLOW) 12-INCH
EY4D	LINE EPOXY (DOUBLE YELLOW) 4-INCH	DEW12	DIAGONAL EPOXY (WHITE) 12-INCH
EW4	LINE EPOXY (WHITE) 4-INCH	SEW	SYMBOL EPOXY (WHITE)
EW6	LINE EPOXY (WHITE) 6-INCH	CEY	CURB EPOXY (YELLOW)
EW8	LINE EPOXY (WHITE) 8-INCH	NEY	ISLAND NOSE EPOXY (YELLOW)
EW6-3	LINE EPOXY (WHITE) 6-INCH, 3' LINE, 9' GAP	SEW18	STOP LINE EPOXY (WHITE) 18-INCH
EW8-3	LINE EPOXY (WHITE) 8-INCH, 3' LINE, 9' GAP	CEBW	CROSSWALK EPOXY BLOCK 18-INCH (WHITE)
RRW	RAILROAD MARKING (WHITE)	CETW	CROSSWALK EPOXY TRANSVERSE 6-INCH (WHITE)

PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	PAVEMENT MARKINGS	SHEET 80	E

FILE NAME : I:\45\450639 LAWE ST APPLETON\C3D\SHEETS\024501-PM.DWG
LAYOUT NAME - 024502-pm

PLOT DATE : 10/30/2025 1:00 PM PLOT BY : HOSPER, JAN PLOT NAME : PLOT SCALE : 1" = 40'

2

N

MATCH LINE STA. 112+00

MATCH LINE STA. 118+00

EAST NORTH STREET

EAST NORTH STREET

NORTH LAWE STREET

STA 112+51.23
0.00' LT

STA 112+76.23
-10.00' LT

STA 113+44.06
-14.50' LT

STA 114+61.06
-14.50' LT

STA 115+28.56
-10.00' LT

113+00

114+00

115+00

116+00

117+00

118

51+00

12.5'

12.5'

25' TYP

6'

10'

6'

10'

6'

EY4-15

EW6

SEW

AEW

DEY12

CEY

SEW18

CETW

CEY

DEY12

EW6

CEY

NEY

CEBW

EY4

EDY4

EW6

NEY

CETW

SEW18

SEW

AEW

NEY

EW6

EDY4

MARKING LEGEND

EY4	LINE EPOXY (YELLOW) 4-INCH	AEW	ARROW EPOXY (WHITE)
EY4-15	LINE EPOXY (YELLOW) 4-INCH, 15' LINE, 25' GAP	WEW	WORDS EPOXY (WHITE)
EY4-3	LINE EPOXY (YELLOW) 4-INCH, 3' LINE, 9' GAP	DEY12	DIAGONAL EPOXY (YELLOW) 12-INCH
EY4D	LINE EPOXY (DOUBLE YELLOW) 4-INCH	DEW12	DIAGONAL EPOXY (WHITE) 12-INCH
EW4	LINE EPOXY (WHITE) 4-INCH	SEW	SYMBOL EPOXY (WHITE)
EW6	LINE EPOXY (WHITE) 6-INCH	CEY	CURB EPOXY (YELLOW)
EW8	LINE EPOXY (WHITE) 8-INCH	NEY	ISLAND NOSE EPOXY (YELLOW)
EW6-3	LINE EPOXY (WHITE) 6-INCH, 3' LINE, 9' GAP	SEW18	STOP LINE EPOXY (WHITE) 18-INCH
EW8-3	LINE EPOXY (WHITE) 8-INCH, 3' LINE, 9' GAP	CEBW	CROSSWALK EPOXY BLOCK 18-INCH (WHITE)
RRW	RAILROAD MARKING (WHITE)	CETW	CROSSWALK EPOXY TRANSVERSE 6-INCH (WHITE)

2

2

N

MATCH LINE STA. 118+00

MATCH LINE STA. 124+00

EAST PACIFIC STREET

59+00

EAST ATLANTIC STREET

69+00

NORTH LAWE STREET

121+00

122+00

123+00

124

70+00

71+00

STA 118+13.39
-10.00' LT

STA 118+80.89
14.50' RT

STA 119+98.21
14.50' RT

STA 120+65.71
-10.00' LT

STA 120+90.71
0.50' RT

12.5'

25' TYP

6'

10'

10'

6'

DEY12 AEW EW6 SEW SEW18 NEY CETW CEY NEY DEY12 EY4 EW6 AEW SEW EY4-15 EW6

CEY NEY CEBW CEY CETW SEW18 EDY4 EW6 AEW SEW EW6 EY4-15 AEW SEW EW6

MARKING LEGEND

EY4	LINE EPOXY (YELLOW) 4-INCH	AEW	ARROW EPOXY (WHITE)
EY4-15	LINE EPOXY (YELLOW) 4-INCH, 15' LINE, 25' GAP	WEW	WORDS EPOXY (WHITE)
EY4-3	LINE EPOXY (YELLOW) 4-INCH, 3' LINE, 9' GAP	DEY12	DIAGONAL EPOXY (YELLOW) 12-INCH
EY4D	LINE EPOXY (DOUBLE YELLOW) 4-INCH	DEW12	DIAGONAL EPOXY (WHITE) 12-INCH
EW4	LINE EPOXY (WHITE) 4-INCH	SEW	SYMBOL EPOXY (WHITE)
EW6	LINE EPOXY (WHITE) 6-INCH	CEY	CURB EPOXY (YELLOW)
EW8	LINE EPOXY (WHITE) 8-INCH	NEY	ISLAND NOSE EPOXY (YELLOW)
EW6-3	LINE EPOXY (WHITE) 6-INCH, 3' LINE, 9' GAP	SEW18	STOP LINE EPOXY (WHITE) 18-INCH
EW8-3	LINE EPOXY (WHITE) 8-INCH, 3' LINE, 9' GAP	CEBW	CROSSWALK EPOXY BLOCK 18-INCH (WHITE)
RRW	RAILROAD MARKING (WHITE)	CETW	CROSSWALK EPOXY TRANSVERSE 6-INCH (WHITE)

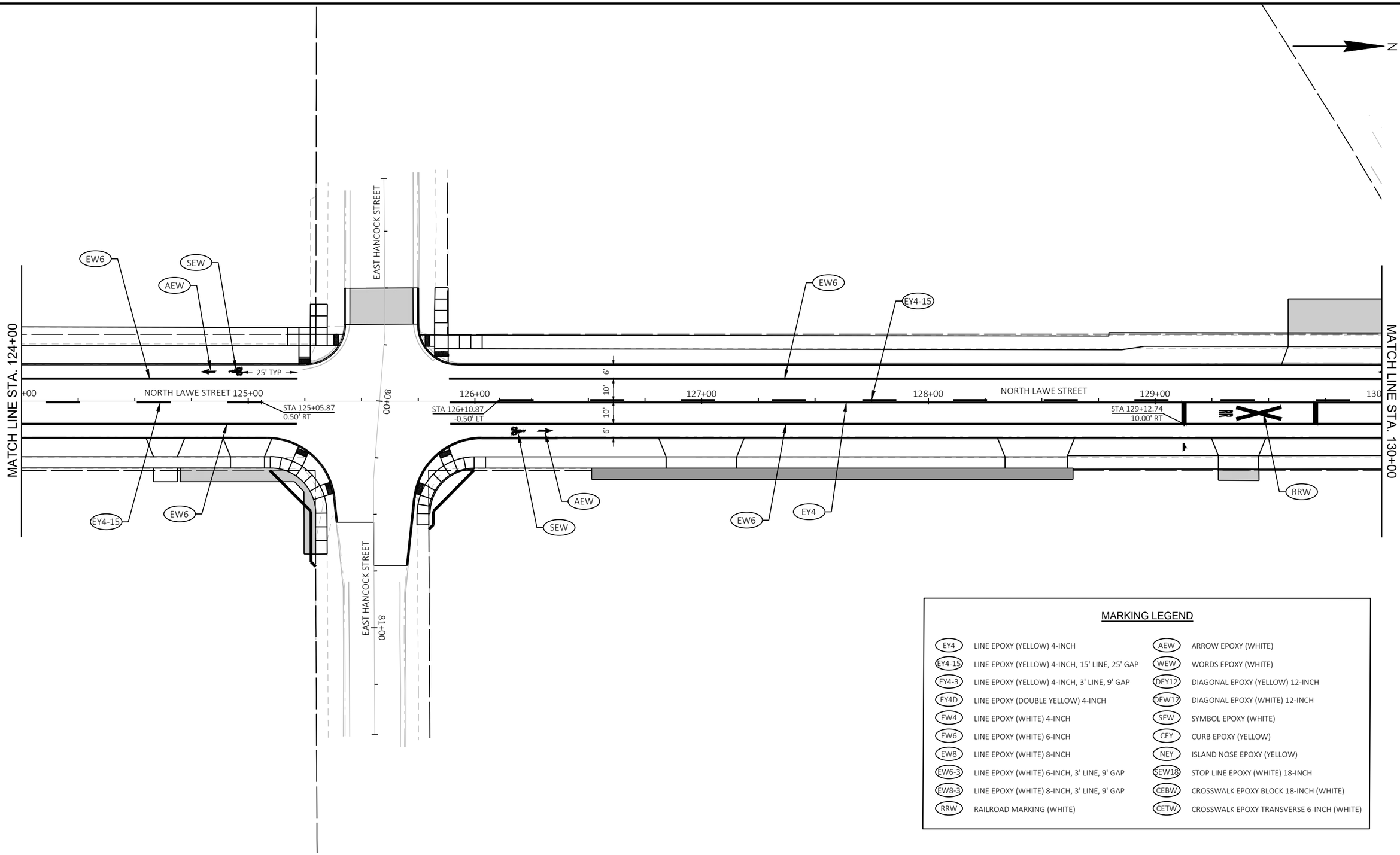
PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	PAVEMENT MARKINGS	SHEET 82	E

FILE NAME : I:\45\450639 LAWE ST APPLETON\C3D\SHEETS\024501-PM.DWG
LAYOUT NAME - 024504-pm

PLOT DATE : 10/30/2025 1:00 PM PLOT BY : HOSPER, JAN PLOT NAME : PLOT SCALE : 1" = 40'

WISDOT/CADDS SHEET 42

2



MARKING LEGEND

EY4	LINE EPOXY (YELLOW) 4-INCH	AEW	ARROW EPOXY (WHITE)
EY4-15	LINE EPOXY (YELLOW) 4-INCH, 15' LINE, 25' GAP	WEW	WORDS EPOXY (WHITE)
EY4-3	LINE EPOXY (YELLOW) 4-INCH, 3' LINE, 9' GAP	DEY12	DIAGONAL EPOXY (YELLOW) 12-INCH
EY4D	LINE EPOXY (DOUBLE YELLOW) 4-INCH	DEW12	DIAGONAL EPOXY (WHITE) 12-INCH
EW4	LINE EPOXY (WHITE) 4-INCH	SEW	SYMBOL EPOXY (WHITE)
EW6	LINE EPOXY (WHITE) 6-INCH	CEY	CURB EPOXY (YELLOW)
EW8	LINE EPOXY (WHITE) 8-INCH	NEY	ISLAND NOSE EPOXY (YELLOW)
EW6-3	LINE EPOXY (WHITE) 6-INCH, 3' LINE, 9' GAP	SEW18	STOP LINE EPOXY (WHITE) 18-INCH
EW8-3	LINE EPOXY (WHITE) 8-INCH, 3' LINE, 9' GAP	CEBW	CROSSWALK EPOXY BLOCK 18-INCH (WHITE)
RRW	RAILROAD MARKING (WHITE)	CETW	CROSSWALK EPOXY TRANSVERSE 6-INCH (WHITE)

2

N

MATCH LINE STA. 130+00

MATCH LINE STA. 136+00

NORTH LAWE STREET

EAST SPRING STREET

STA 130+62.74
10.00' RT

STA 131+05.50
-10.00' LT

STA 132+55.50
-10.00' LT

STA 135+66.89
-11.03' LT

STA 135+58.83
11.00' RT

20'

25' TYP

6'

10'

11'

5'

4'

AEW

SEW

EW6

EY4-15

RRW

EY4D

SEW18

EY4

CEY

MARKING LEGEND

EY4	LINE EPOXY (YELLOW) 4-INCH	AEW	ARROW EPOXY (WHITE)
EY4-15	LINE EPOXY (YELLOW) 4-INCH, 15' LINE, 25' GAP	WEW	WORDS EPOXY (WHITE)
EY4-3	LINE EPOXY (YELLOW) 4-INCH, 3' LINE, 9' GAP	DEY12	DIAGONAL EPOXY (YELLOW) 12-INCH
EY4D	LINE EPOXY (DOUBLE YELLOW) 4-INCH	DEW12	DIAGONAL EPOXY (WHITE) 12-INCH
EW4	LINE EPOXY (WHITE) 4-INCH	SEW	SYMBOL EPOXY (WHITE)
EW6	LINE EPOXY (WHITE) 6-INCH	CEY	CURB EPOXY (YELLOW)
EW8	LINE EPOXY (WHITE) 8-INCH	NEY	ISLAND NOSE EPOXY (YELLOW)
EW6-3	LINE EPOXY (WHITE) 6-INCH, 3' LINE, 9' GAP	SEW18	STOP LINE EPOXY (WHITE) 18-INCH
EW8-3	LINE EPOXY (WHITE) 8-INCH, 3' LINE, 9' GAP	CEBW	CROSSWALK EPOXY BLOCK 18-INCH (WHITE)
RRW	RAILROAD MARKING (WHITE)	CETW	CROSSWALK EPOXY TRANSVERSE 6-INCH (WHITE)

PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	PAVEMENT MARKINGS	SHEET 84	E

2

MATCH LINE STA. 142+00

N

NORTH LAWE STREET

N. MEADE ST

NOTE: REMOVE EXISTING PAVEMENT MARKINGS BETWEEN SPRING STREET AND MEADE STREET. ONLY WATER BLASTING ALLOWED.

FIELD FIT THROUGH CURVES TO OBTAIN MINIMUM LANE WIDTHS SHOWN

200-FT RADIUS

EAST SUMMER STREET

EAST SUMMER STREET

NORTH MEADE STREET

MATCH LINE STA. 136+00

STA 141+63.84
10.50' RT

STA 141+55.45
-0.75' LT

STA 141+21.19
0.72' RT

STA 140+96.28
19.01' RT

STA 140+76.47
-1.48' LT

STA 140+25.09
0.60' RT

STA 139+98.88
13.00' RT

STA 139+75
0.00'

STA 140+21.48
-3.56' LT

STA 136+58.23
-12.62' LT

142+00 ONLY

140+00

139+00

138+00

137+00

4' 12' 10' 10.5' 10.5' 4'

6' 12' 10' 10' 10' 4'

8' 6' 13' 13' 5'

20'

5'

AEW EW6 WEW EW8-3 EW4-15 AEW SEW EDY4 AEW EW8 EY4-3 DEW12 SEW EW6 EW6-3 SEW AEW EW6 EY4D DEW12 EW6-3

MARKING LEGEND

EY4	LINE EPOXY (YELLOW) 4-INCH	AEW	ARROW EPOXY (WHITE)
EY4-15	LINE EPOXY (YELLOW) 4-INCH, 15' LINE, 25' GAP	WEW	WORDS EPOXY (WHITE)
EY4-3	LINE EPOXY (YELLOW) 4-INCH, 3' LINE, 9' GAP	DEY12	DIAGONAL EPOXY (YELLOW) 12-INCH
EY4D	LINE EPOXY (DOUBLE YELLOW) 4-INCH	DEW12	DIAGONAL EPOXY (WHITE) 12-INCH
EW4	LINE EPOXY (WHITE) 4-INCH	SEW	SYMBOL EPOXY (WHITE)
EW6	LINE EPOXY (WHITE) 6-INCH	CEY	CURB EPOXY (YELLOW)
EW8	LINE EPOXY (WHITE) 8-INCH	NEY	ISLAND NOSE EPOXY (YELLOW)
EW6-3	LINE EPOXY (WHITE) 6-INCH, 3' LINE, 9' GAP	SEW18	STOP LINE EPOXY (WHITE) 18-INCH
EW8-3	LINE EPOXY (WHITE) 8-INCH, 3' LINE, 9' GAP	CEBW	CROSSWALK EPOXY BLOCK 18-INCH (WHITE)
RRW	RAILROAD MARKING (WHITE)	CETW	CROSSWALK EPOXY TRANSVERSE 6-INCH (WHITE)

PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	PAVEMENT MARKINGS	SHEET 85	E

2

N

WEST WISCONSIN AVENUE

EAST RANDALL ST

NOTE: REMOVE EXISTING CONFLICTING MARKINGS FOR RIGHT TURN LANE. ONLY WATER BLASTING ALLOWED.

MATCH LINE STA. 142+00

SEW

AEW

25'

STA 142+52.40
0.00'

143+00

NORTH MEADE STREET

EXISTING STOPLINE TO REMAIN

EW6

EW8

MATCH EXISTING LANE WIDTHS

AEW

WEW

STA 144+68.36
-18.86' LT

100'

136'

AEW

STA 146+04.20
-12.31' LT

144+00

145+00

146+00

NORTH MEADE STREET

EW8

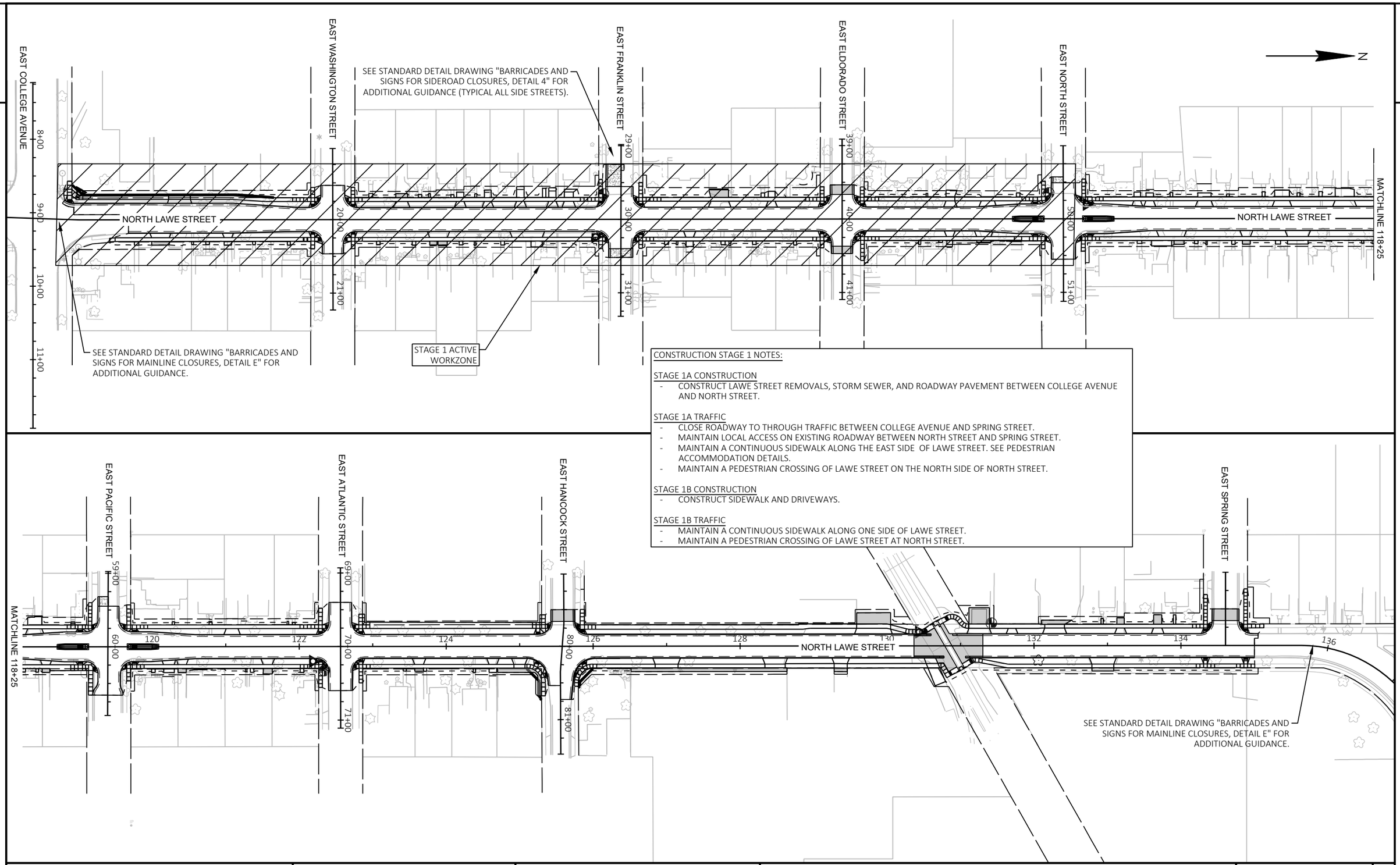
EW8-3

STA 143+68.79
0.00'

NO CHANGES TO EXISTING LEFT TURN LANE

MARKING LEGEND

EY4	LINE EPOXY (YELLOW) 4-INCH	AEW	ARROW EPOXY (WHITE)
EY4-15	LINE EPOXY (YELLOW) 4-INCH, 15' LINE, 25' GAP	WEW	WORDS EPOXY (WHITE)
EY4-3	LINE EPOXY (YELLOW) 4-INCH, 3' LINE, 9' GAP	DEY12	DIAGONAL EPOXY (YELLOW) 12-INCH
EY4D	LINE EPOXY (DOUBLE YELLOW) 4-INCH	DEW12	DIAGONAL EPOXY (WHITE) 12-INCH
EW4	LINE EPOXY (WHITE) 4-INCH	SEW	SYMBOL EPOXY (WHITE)
EW6	LINE EPOXY (WHITE) 6-INCH	CEY	CURB EPOXY (YELLOW)
EW8	LINE EPOXY (WHITE) 8-INCH	NEY	ISLAND NOSE EPOXY (YELLOW)
EW6-3	LINE EPOXY (WHITE) 6-INCH, 3' LINE, 9' GAP	SEW18	STOP LINE EPOXY (WHITE) 18-INCH
EW8-3	LINE EPOXY (WHITE) 8-INCH, 3' LINE, 9' GAP	CEBW	CROSSWALK EPOXY BLOCK 18-INCH (WHITE)
RRW	RAILROAD MARKING (WHITE)	CETW	CROSSWALK EPOXY TRANSVERSE 6-INCH (WHITE)



CONSTRUCTION STAGE 1 NOTES:

STAGE 1A CONSTRUCTION
- CONSTRUCT LAWE STREET REMOVALS, STORM SEWER, AND ROADWAY PAVEMENT BETWEEN COLLEGE AVENUE AND NORTH STREET.

STAGE 1A TRAFFIC
- CLOSE ROADWAY TO THROUGH TRAFFIC BETWEEN COLLEGE AVENUE AND SPRING STREET.
- MAINTAIN LOCAL ACCESS ON EXISTING ROADWAY BETWEEN NORTH STREET AND SPRING STREET.
- MAINTAIN A CONTINUOUS SIDEWALK ALONG THE EAST SIDE OF LAWE STREET. SEE PEDESTRIAN ACCOMMODATION DETAILS.
- MAINTAIN A PEDESTRIAN CROSSING OF LAWE STREET ON THE NORTH SIDE OF NORTH STREET.

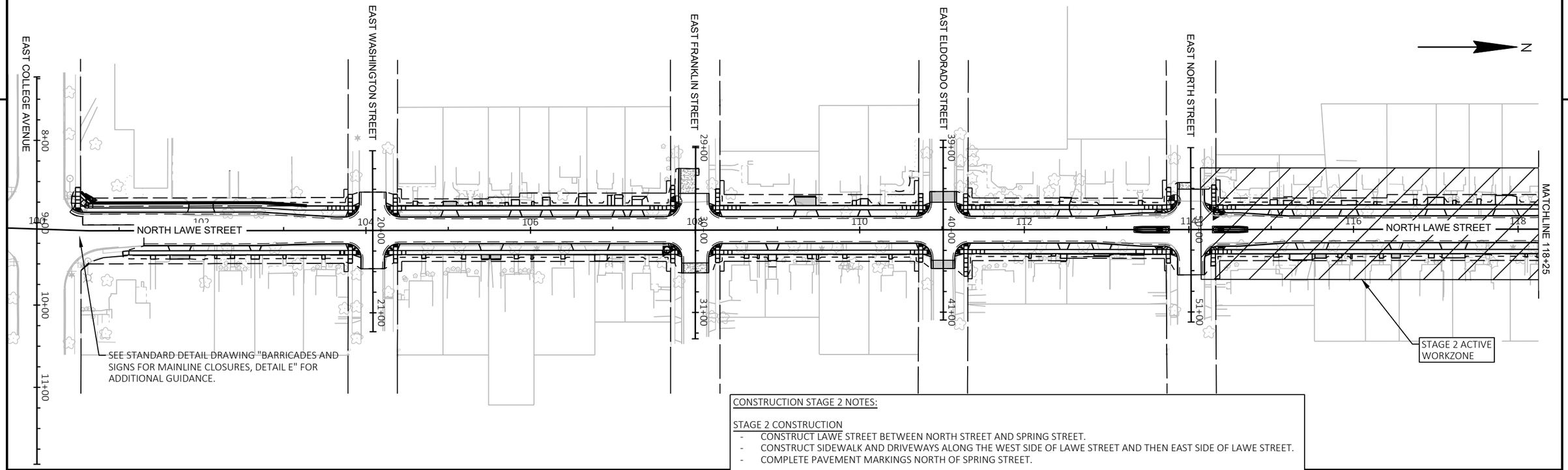
STAGE 1B CONSTRUCTION
- CONSTRUCT SIDEWALK AND DRIVEWAYS.

STAGE 1B TRAFFIC
- MAINTAIN A CONTINUOUS SIDEWALK ALONG ONE SIDE OF LAWE STREET.
- MAINTAIN A PEDESTRIAN CROSSING OF LAWE STREET AT NORTH STREET.

PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	TRAFFIC CONTROL	SHEET 87	E

FILE NAME : I:\45\450639 LAWE ST APPLETON\C3D\SHEETS\026001-S1.DWG
LAYOUT NAME - 026001-s1
PLOT DATE : 1/27/2026 11:00 AM
PLOT BY : VERVILLE, PHILLIP
PLOT NAME :
PLOT SCALE : 1"=120'
WISDOT/CADDS SHEET 44

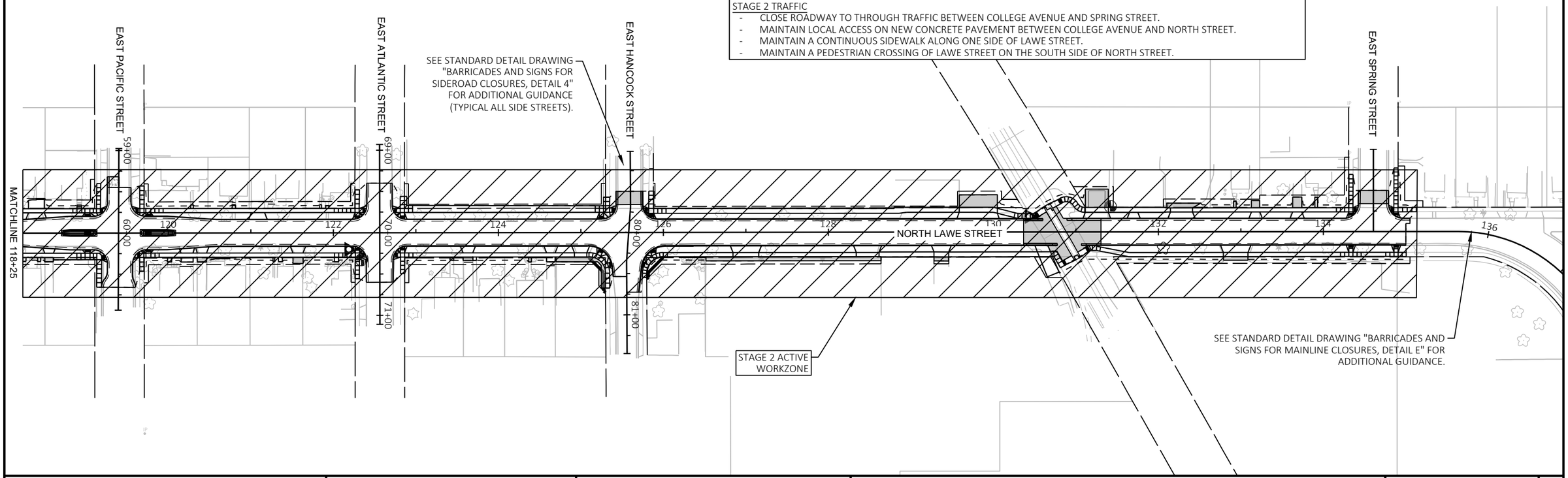
2



CONSTRUCTION STAGE 2 NOTES:

STAGE 2 CONSTRUCTION
- CONSTRUCT LAWE STREET BETWEEN NORTH STREET AND SPRING STREET.
- CONSTRUCT SIDEWALK AND DRIVEWAYS ALONG THE WEST SIDE OF LAWE STREET AND THEN EAST SIDE OF LAWE STREET.
- COMPLETE PAVEMENT MARKINGS NORTH OF SPRING STREET.

STAGE 2 TRAFFIC
- CLOSE ROADWAY TO THROUGH TRAFFIC BETWEEN COLLEGE AVENUE AND SPRING STREET.
- MAINTAIN LOCAL ACCESS ON NEW CONCRETE PAVEMENT BETWEEN COLLEGE AVENUE AND NORTH STREET.
- MAINTAIN A CONTINUOUS SIDEWALK ALONG ONE SIDE OF LAWE STREET.
- MAINTAIN A PEDESTRIAN CROSSING OF LAWE STREET ON THE SOUTH SIDE OF NORTH STREET.



PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	TRAFFIC CONTROL	SHEET 88	E

2

USE THIS DETAIL WHEN SIDEWALK IS CLOSED IN THE NORTHWEST QUADRANT OF EAST COLLEGE AVENUE AND LAWE STREET

N

2

MAINTAIN SIDEWALK

SIDEWALK CLOSED THIS SIDE

NORTH LAWE STREET

SUGGESTED MESSAGE: "SIDEWALK CLOSED AHEAD FOR ONE BLOCK. CROSS TO OTHER SIDE TO CONTINUE ALONG COLLEGE AVE."

SIDEWALK CLOSED AHEAD
R9-9A
30"X18"

DETOUR
M4-9BR
30"X24"

SIDEWALK CLOSED
R9-9
24"X12"

DETOUR
M4-9BL
30"X24"

SUGGESTED MESSAGE: "SIDEWALK CLOSED AHEAD FOR ONE BLOCK. CROSS TO OTHER SIDE TO CONTINUE ALONG COLLEGE AVE."

EXISTING MARKED CROSSWALK

TEMPORARY PEDESTRIAN BARRICADE

EAST COLLEGE AVENUE

8+00 9+00 10+00 11+00

102+00 101+00 100+00 99+00

DETOUR
M4-9BR
30"X24"

DETOUR
M4-9BL
30"X24"

SUGGESTED MESSAGE: "PEDESTRIANS FOLLOWING DETOUR, CROSS STREET TO CONTINUE ALONG COLLEGE AVE."

SUGGESTED MESSAGE: "PEDESTRIANS FOLLOWING DETOUR, CROSS STREET TO CONTINUE ALONG COLLEGE AVE."

ACCESSIBLE PEDESTRIAN ROUTE

DETOUR
M4-9BL
30"X24"

ACTIVE WORK ZONE

TEMPORARY AUDIBLE MESSAGE DEVICE

PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	TEMPORARY PEDESTRIAN ACCOMODATION - STAGE 1	SHEET 89	E

FILE NAME : I:\45\450639 LAWE ST APPLETON\C3D\SHEETS\026002-S2.DWG
LAYOUT NAME - 026103-s1

PLOT DATE : 1/27/2026 10:41 AM PLOT BY : VERVILLE, PHILLIP PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

USE SIGN AT UNION STREET INTERSECTION (TYPICAL)

SIDEWALK CLOSED AHEAD
R9-9A
30"X18"

SIDEWALK CLOSED THIS SIDE

SIDEWALK CLOSED
R9-9
24"X12"

EAST WASHINGTON STREET

TEMPORARY PEDESTRIAN BARRICADE (TYP)

N

104+00

20+00

NORTH LAWE STREET

WORK ZONE TO BACK OF EXISTING CURB THIS STAGE

M4-60L
30"X24"

M4-60R
30"X24"

SUGGESTED MESSAGE: "SIDEWALK UNDER CONSTRUCTION. FOLLOW FENCED PATH"

TEMPORARY PEDESTRIAN BARRICADE

TEMPORARY CURB RAMP

SUGGESTED MESSAGE: "LAWE STREET PEDESTRIANS. CROSS WASHINGTON STREET HERE. FOLLOW FENCED PATH TO REJOIN LAWE STREET SIDEWALK."

TEMPORARY PEDESTRIAN SURFACE MATTING

21+00

ACTIVE WORK ZONE

TEMPORARY AUDIBLE MESSAGE DEVICE

USE SIGN AT UNION STREET INTERSECTION (TYPICAL)

SIDEWALK CLOSED AHEAD
R9-9A
30"X18"

SIDEWALK CLOSED THIS SIDE

SIDEWALK CLOSED
R9-9
24"X12"

EAST FRANKLIN STREET

TEMPORARY PEDESTRIAN BARRICADE (TYP)

N

108+00

31+00

NORTH LAWE STREET

M4-60L
30"X24"

M4-60R
30"X24"

SUGGESTED MESSAGE: "SIDEWALK UNDER CONSTRUCTION. FOLLOW FENCED PATH"

TEMPORARY PEDESTRIAN BARRICADE

TEMPORARY CURB RAMP

TEMPORARY PEDESTRIAN SURFACE MATTING

SUGGESTED MESSAGE: "LAWE STREET PEDESTRIANS. CROSS FRANKLIN STREET HERE. FOLLOW FENCED PATH TO REJOIN LAWE STREET SIDEWALK."

TRAFFIC CONTROL DRUM (TYP)

2

PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	TEMPORARY PEDESTRIAN ACCOMODATION - STAGE 1	SHEET 90	E

2

USE SIGN AT UNION STREET INTERSECTION (TYPICAL)

SIDEWALK CLOSED AHEAD
R9-9A
30"X18"

SIDEWALK CLOSED THIS SIDE

SIDEWALK CLOSED
R9-9
24"X12"

SIDEWALK CLOSED
R9-9
24"X12"

EAST ELDORADO STREET

TEMPORARY PEDESTRIAN BARRICADE (TYP)

NORTH LAWE STREET

111+00

M4-60L
30"X24"

M4-60R
30"X24"

SUGGESTED MESSAGE: "SIDEWALK UNDER CONSTRUCTION. FOLLOW FENCED PATH"

TEMPORARY PEDESTRIAN BARRICADE

SUGGESTED MESSAGE: "LAWE STREET PEDESTRIANS. CROSS ELDORADO STREET HERE. FOLLOW FENCED PATH TO REJOIN LAWE STREET SIDEWALK."

TEMPORARY CURB RAMP

TEMPORARY PEDESTRIAN SURFACE MATTING

TRAFFIC CONTROL DRUM (TYP)

M4-60L
30"X24"

M4-60R
30"X24"

SUGGESTED MESSAGE: "SIDEWALK UNDER CONSTRUCTION. FOLLOW FENCED PATH"

WORK ZONE TO BACK OF CURB THIS STAGE

SUGGESTED MESSAGE: "LAWE STREET PEDESTRIANS. CROSS NORTH STREET HERE. FOLLOW FENCED PATH TO REJOIN LAWE STREET SIDEWALK."

ACTIVE WORK ZONE

TEMPORARY AUDIBLE MESSAGE DEVICE

USE SIGN AT UNION STREET INTERSECTION (TYPICAL)

SIDEWALK CLOSED AHEAD
R9-9A
30"X18"

TEMPORARY PEDESTRIAN BARRICADE (TYP)

SIDEWALK CLOSED THIS SIDE

SIDEWALK CLOSED
R9-9
24"X12"

EAST NORTH STREET

STAGE 1 WORK ZONE

NORTH LAWE STREET

114+00

ACCESSIBLE SIDEWALK AND SCHOOL PEDESTRIAN CROSSING OPEN DURING THIS STAGE

STAGE 2WORK ZONE

MAINTAIN SCHOOL ZONE CROSSING AT ALL TIMES ON EXISTING ROADWAY SURFACE.

M4-60L
30"X24"

M4-60R
30"X24"

SUGGESTED MESSAGE: "SIDEWALK UNDER CONSTRUCTION. FOLLOW FENCED PATH"

TEMPORARY PEDESTRIAN BARRICADE

SUGGESTED MESSAGE: "LAWE STREET PEDESTRIANS. CROSS NORTH STREET HERE. FOLLOW FENCED PATH TO REJOIN LAWE STREET SIDEWALK."

TEMPORARY CURB RAMP

TEMPORARY PEDESTRIAN SURFACE MATTING

TRAFFIC CONTROL DRUM (TYP)

M4-60L
30"X24"

SUGGESTED MESSAGE: "NORTH STREET PEDESTRIANS CAN CROSS HERE. SIDEWALK UNDER CONSTRUCTION. FOLLOW FENCED PATH"

TEMPORARY PEDESTRIAN BARRICADE

SUGGESTED MESSAGE: "LAWE STREET PEDESTRIANS. CROSS NORTH STREET HERE. FOLLOW FENCED PATH TO REJOIN LAWE STREET SIDEWALK."

51+00

2

PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	TEMPORARY PEDESTRIAN ACCOMODATION - STAGE 1	SHEET 91	E

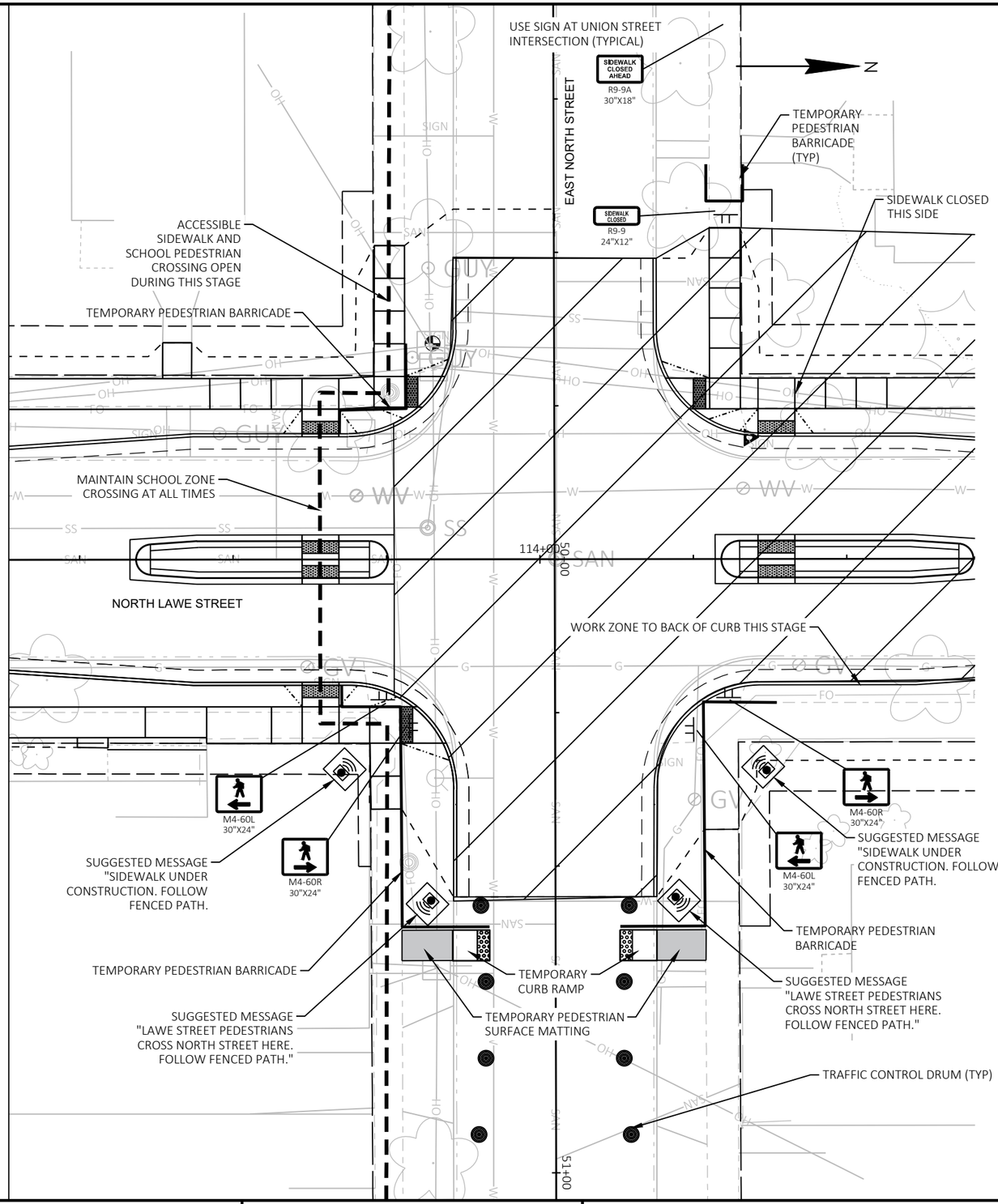
FILE NAME : I:\45\450639 LAWE ST APPLETON\C3D\SHEETS\026002-S2.DWG
LAYOUT NAME - 026105-s1

PLOT DATE : 1/27/2026 10:41 AM PLOT BY : VERVILLE, PHILLIP PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 42

2

USE THIS DETAIL DURING STAGE 2 WORK WHEN NEW SIDEWALK AND PEDESTRIAN CROSSING IS OPEN ON THE SOUTH SIDE OF NORTH STREET, AND THE SIDEWALK IS CLOSED ON THE WEST SIDE OF LAWE STREET NORTH OF NORTH STREET



ACTIVE WORK ZONE

TEMPORARY AUDIBLE MESSAGE DEVICE

PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	TEMPORARY PEDESTRIAN ACCOMODATION - STAGE 2	SHEET 92	E

2

USE SIGN AT UNION STREET INTERSECTION (TYPICAL)

SIDEWALK CLOSED AHEAD
R9-9A
30"X18"

SIDEWALK CLOSED
R9-9
24"X12"

SIDEWALK CLOSED THIS SIDE

EAST PACIFIC STREET

TEMPORARY PEDESTRIAN BARRICADE (TYP)

NORTH LAWE STREET

118+00

120+00

60+00

WORK ZONE TO BACK OF CURB THIS STAGE

SUGGESTED MESSAGE: "SIDEWALK UNDER CONSTRUCTION. FOLLOW FENCED PATH"

M4-60L
30"X24"

M4-60R
30"X24"

MAINTAIN ACCESS TO BUILDING DOOR AT ALL TIMES ON HARD SURFACE. USE TEMPORARY SURFACE MATTING IF NECESSARY.

TEMPORARY PEDESTRIAN BARRICADE

SUGGESTED MESSAGE: "LAWE STREET PEDESTRIANS. CROSS PACIFIC STREET HERE. FOLLOW FENCED PATH TO REJOIN LAWE STREET SIDEWALK."

SURFACE MATTING

TEMPORARY CURB RAMP

TRAFFIC CONTROL DRUM (TYP)

ACTIVE WORK ZONE

TEMPORARY AUDIBLE MESSAGE DEVICE

USE SIGN AT UNION STREET INTERSECTION (TYPICAL)

SIDEWALK CLOSED AHEAD
R9-9A
30"X18"

TEMPORARY PEDESTRIAN BARRICADE (TYP)

SIDEWALK CLOSED
R9-9
24"X12"

SIDEWALK CLOSED THIS SIDE

122+00

NORTH LAWE STREET

EAST ATLANTIC STREET

123+00

70+00

71+00

SUGGESTED MESSAGE: "SIDEWALK UNDER CONSTRUCTION. FOLLOW FENCED PATH"

M4-60L
30"X24"

M4-60R
30"X24"

TEMPORARY PEDESTRIAN BARRICADE

SUGGESTED MESSAGE: "LAWE STREET PEDESTRIANS. CROSS ATLANTIC STREET HERE. FOLLOW FENCED PATH TO REJOIN LAWE STREET SIDEWALK."

TEMPORARY CURB RAMP

TEMPORARY PEDESTRIAN SURFACE MATTING

TRAFFIC CONTROL DRUM (TYP)

2

PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	TEMPORARY PEDESTRIAN ACCOMODATION	SHEET 93	E

2

USE SIGN AT UNION STREET INTERSECTION (TYPICAL)

SIDEWALK CLOSED AHEAD R9-9A 30"X18"

SIDEWALK CLOSED R9-9 24"X12"

SIDEWALK CLOSED THIS SIDE

EAST HANCOCK STREET

TEMPORARY PEDESTRIAN BARRICADE (TYP)

N

125+00

126+00

80+00

NORTH LAWE STREET

SUGGESTED MESSAGE: "SIDEWALK UNDER CONSTRUCTION. FOLLOW FENCED PATH"

M4-60R 30"X24"

M4-60L 30"X24"

MAINTAIN MINIMUM 4-FT WIDE PEDESTRIAN ACCESS PATH

TEMPORARY PEDESTRIAN BARRICADE

SUGGESTED MESSAGE: "LAWE STREET PEDESTRIANS. CROSS HANCOCK STREET HERE. FOLLOW FENCED PATH TO REJOIN LAWE STREET SIDEWALK."

TEMPORARY CURB RAMP

TEMPORARY PEDESTRIAN SURFACE MATTING

TRAFFIC CONTROL DRUM (TYP)

USE SIGN AT UNION STREET INTERSECTION (TYPICAL)

SIDEWALK CLOSED AHEAD R9-9A 30"X18"

TEMPORARY PEDESTRIAN BARRICADE (TYP)

SIDEWALK CLOSED R9-9 24"X12"

SIDEWALK CLOSED THIS SIDE

EAST SPRING STREET

MODIFY BARRICADE AROUND HOME WALK

N

TEMPORARY PEDESTRIAN BARRICADE

TEMPORARY PEDESTRIAN SURFACE MATTING

M4-60L 30"X24"

SUGGESTED MESSAGE: "SIDEWALK CLOSED AHEAD FOR SEVERAL BLOCKS. CROSS TO OTHER SIDE TO CONTINUE ALONG LAWE STREET. FOLLOW FENCED PATH"

M4-60R 30"X24"

134+00

NORTH LAWE STREET

135+00

TEMPORARY CURB RAMP

WORK ZONE TO BACK OF CURB THIS STAGE

SUGGESTED MESSAGE: "SIDEWALK UNDER CONSTRUCTION. FOLLOW FENCED PATH"

M4-60L 30"X24"

M4-60R 30"X24"

MAINTAIN MINIMUM 4-FT WIDE PEDESTRIAN ACCESS PATH

TEMPORARY PEDESTRIAN SURFACE MATTING

TEMPORARY PEDESTRIAN BARRICADE

SUGGESTED MESSAGE: "LAWE STREET PEDESTRIANS. CROSS HERE TO FOLLOW WEST SIDE OF STREET".

ACTIVE WORK ZONE

TEMPORARY AUDIBLE MESSAGE DEVICE

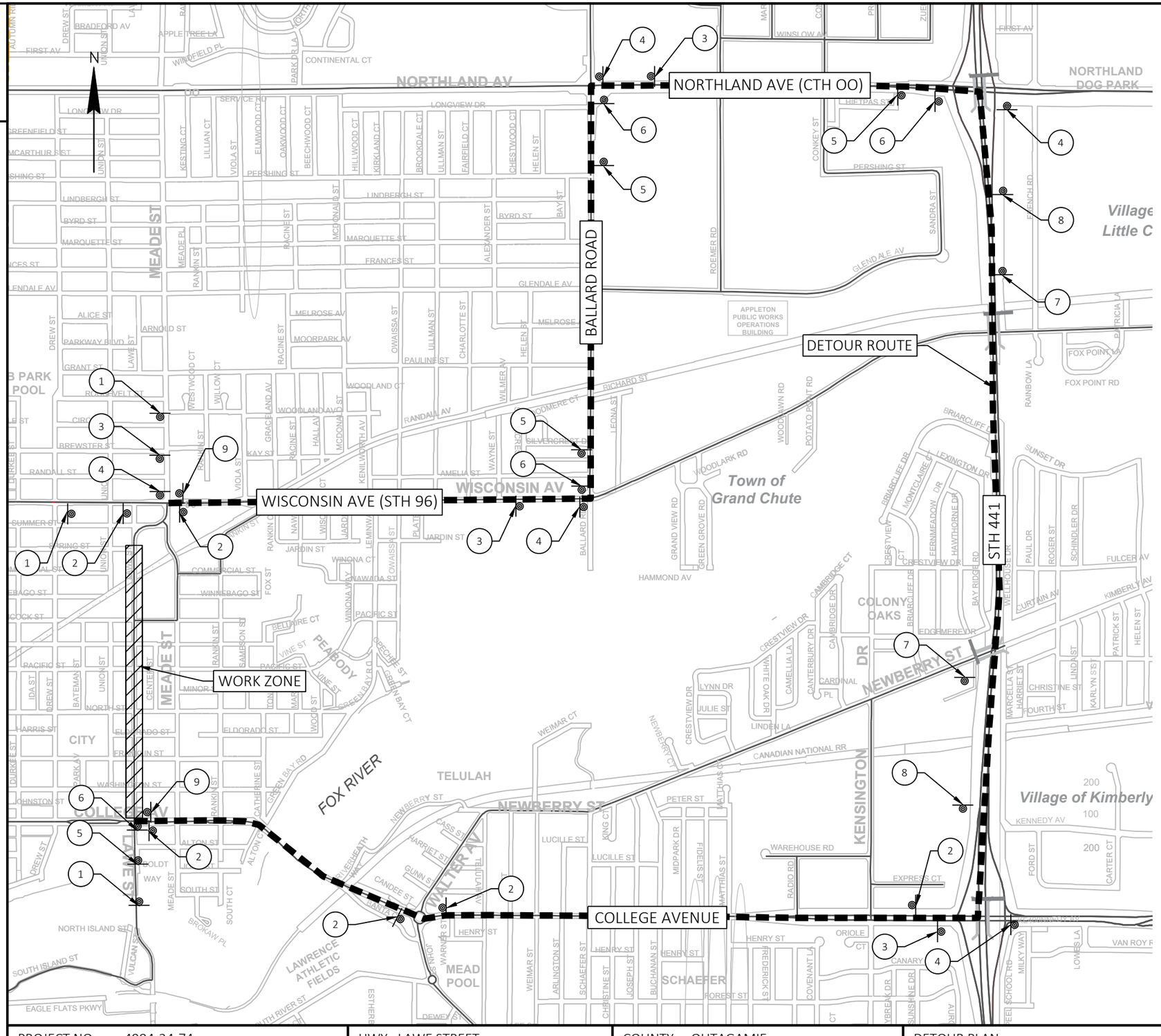
2

PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	TEMPORARY PEDESTRIAN ACCOMODATION	SHEET 94	E

FILE NAME : I:\45\450639 LAWE ST APPLETON\C3D\SHEETS\026002-S3.DWG
LAYOUT NAME - 026108-s2

PLOT DATE : 1/27/2026 10:42 AM PLOT BY : VERVILLE, PHILLIP PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 42



SIGN LEGNED

1
LAWE ST
FIXED MESSAGE SIGN
DETOUR AHEAD
W20-1A

2
LAWE ST
FIXED MESSAGE SIGN
DETOUR
M4-9RA
30"X24"

3
LAWE ST
FIXED MESSAGE SIGN
DETOUR
M4-59L
30"X30"

4
LAWE ST
FIXED MESSAGE SIGN
DETOUR
M4-9L
30"X24"

5
LAWE ST
FIXED MESSAGE SIGN
DETOUR
M4-59R
30"X30"

6
LAWE ST
FIXED MESSAGE SIGN
DETOUR
M4-9R
30"X24"

7
LAWE ST
FIXED MESSAGE SIGN
DETOUR
M4-8
30"X15"
MO5-2R
30"X30"

8
LAWE ST
FIXED MESSAGE SIGN
DETOUR
M4-8
30"X15"
MO6-2
30"X30"

9
LAWE ST
FIXED MESSAGE SIGN
END DETOUR
M4-8A
24"X18"

SCALE, FEET
0 660 1320

PROJECT NO: 4984-24-74	HWY: LAWE STREET	COUNTY: OUTAGAMIE	DETOUR PLAN	SHEET 95	E

Estimate Of Quantities

4984-24-75

Line	Item	Item Description	Unit	Total	Qty
0002	201.0220	Grubbing	ID	720.000	720.000
0004	204.0100	Removing Concrete Pavement	SY	13,900.000	13,900.000
0006	204.0150	Removing Curb & Gutter	LF	110.000	110.000
0008	204.0155	Removing Concrete Sidewalk	SY	3,900.000	3,900.000
0010	204.0170	Removing Fence	LF	95.000	95.000
0012	204.0195	Removing Concrete Bases	EACH	2.000	2.000
0014	204.0210	Removing Manholes	EACH	20.000	20.000
0016	204.0220	Removing Inlets	EACH	29.000	29.000
0018	204.0245	Removing Storm Sewer (size) 01. 8-Inch	LF	64.000	64.000
0020	204.0245	Removing Storm Sewer (size) 02. 12-Inch	LF	1,346.000	1,346.000
0022	204.0245	Removing Storm Sewer (size) 03. 15-Inch	LF	380.000	380.000
0024	204.0245	Removing Storm Sewer (size) 04. 18-Inch	LF	264.000	264.000
0026	204.0245	Removing Storm Sewer (size) 05. 21-Inch	LF	282.000	282.000
0028	204.0245	Removing Storm Sewer (size) 06. 24-Inch	LF	106.000	106.000
0030	204.0245	Removing Storm Sewer (size) 07. 27-Inch	LF	636.000	636.000
0032	204.0250	Abandoning Manholes	EACH	7.000	7.000
0034	204.0260	Abandoning Inlets	EACH	1.000	1.000
0036	204.0265	Abandoning Wells	EACH	4.000	4.000
0038	204.0291.S	Abandoning Sewer	CY	16.000	16.000
0040	204.9060.S	Removing (item description) 01. Sanitary Sewer Manhole	EACH	1.000	1.000
0042	204.9090.S	Removing (item description) 01. Sanitary Sewer Pipe	LF	85.000	85.000
0044	205.0100	Excavation Common	CY	8,600.000	8,600.000
0046	205.0501.S	Excavation, Hauling, and Disposal of Petroleum Contaminated Soil	TON	2,690.000	2,690.000
0048	213.0100	Finishing Roadway (project) 01. 4984-24-75	EACH	1.000	1.000
0050	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	12,400.000	12,400.000
0052	415.0080	Concrete Pavement 8-Inch	SY	12,750.000	12,750.000
0054	415.0210	Concrete Pavement Gaps	EACH	1.000	1.000
0056	415.1080	Concrete Pavement HES 8-Inch	SY	100.000	100.000
0058	415.4100	Concrete Pavement Joint Filling	SY	14,700.000	14,700.000
0060	416.0610	Drilled Tie Bars	EACH	154.000	154.000
0062	416.0620	Drilled Dowel Bars	EACH	300.000	300.000
0064	465.0105	Asphaltic Surface	TON	170.000	170.000
0066	465.0120	Asphaltic Surface Driveways and Field Entrances	TON	17.000	17.000
0068	520.8000	Concrete Collars for Pipe	EACH	8.000	8.000
0070	601.0409	Concrete Curb & Gutter 30-Inch Type A	LF	75.000	75.000
0072	601.0411	Concrete Curb & Gutter 30-Inch Type D	LF	240.000	240.000
0074	601.0452	Concrete Curb & Gutter Integral 30-Inch Type D	LF	6,890.000	6,890.000
0076	601.0600	Concrete Curb Pedestrian	LF	70.000	70.000
0078	602.0405	Concrete Sidewalk 4-Inch	SF	36,560.000	36,560.000
0080	602.0420	Concrete Sidewalk 7-Inch	SF	2,870.000	2,870.000
0082	602.0515	Curb Ramp Detectable Warning Field Natural Patina	SF	796.000	796.000
0084	602.0815	Concrete Driveway 7-Inch	SY	540.000	540.000
0086	602.1500	Concrete Steps	SF	20.000	20.000
0088	608.0324	Storm Sewer Pipe Reinforced Concrete Class III 24-Inch	LF	1,317.000	1,317.000
0090	608.0327	Storm Sewer Pipe Reinforced Concrete Class III 27-Inch	LF	10.000	10.000
0092	608.0330	Storm Sewer Pipe Reinforced Concrete Class III 30-Inch	LF	250.000	250.000
0094	608.0336	Storm Sewer Pipe Reinforced Concrete Class III 36-Inch	LF	37.000	37.000
0096	608.0412	Storm Sewer Pipe Reinforced Concrete Class IV 12-Inch	LF	761.000	761.000
0098	608.0415	Storm Sewer Pipe Reinforced Concrete Class IV 15-Inch	LF	503.000	503.000

4984-24-75

Line	Item	Item Description	Unit	Total	Qty
0100	608.0418	Storm Sewer Pipe Reinforced Concrete Class IV 18-Inch	LF	126.000	126.000
0102	608.0424	Storm Sewer Pipe Reinforced Concrete Class IV 24-Inch	LF	859.000	859.000
0104	608.0430	Storm Sewer Pipe Reinforced Concrete Class IV 30-Inch	LF	378.000	378.000
0106	608.0436	Storm Sewer Pipe Reinforced Concrete Class IV 36-Inch	LF	273.000	273.000
0108	611.0420	Reconstructing Manholes	EACH	1.000	1.000
0110	611.0530	Manhole Covers Type J	EACH	36.000	36.000
0112	611.0612	Inlet Covers Type C	EACH	3.000	3.000
0114	611.0624	Inlet Covers Type H	EACH	23.000	23.000
0116	611.0639	Inlet Covers Type H-S	EACH	23.000	23.000
0118	611.2004	Manholes 4-FT Diameter	EACH	8.000	8.000
0120	611.2005	Manholes 5-FT Diameter	EACH	20.000	20.000
0122	611.2006	Manholes 6-FT Diameter	EACH	5.000	5.000
0124	611.2007	Manholes 7-FT Diameter	EACH	1.000	1.000
0126	611.3003	Inlets 3-FT Diameter	EACH	2.000	2.000
0128	611.3004	Inlets 4-FT Diameter	EACH	5.000	5.000
0130	611.3230	Inlets 2x3-FT	EACH	42.000	42.000
0132	611.8115	Adjusting Inlet Covers	EACH	2.000	2.000
0134	612.0106	Pipe Underdrain 6-Inch	LF	100.000	100.000
0136	612.0902.S	Insulation Board Polystyrene (inch) 01. 4-Inch	SY	100.000	100.000
0138	619.1000	Mobilization	EACH	1.000	1.000
0140	620.0300	Concrete Median Sloped Nose	SF	100.000	100.000
0142	624.0100	Water	MGAL	200.000	200.000
0144	625.0100	Topsoil	SY	7,500.000	7,500.000
0146	628.1905	Mobilizations Erosion Control	EACH	10.000	10.000
0148	628.1910	Mobilizations Emergency Erosion Control	EACH	5.000	5.000
0150	628.2006	Erosion Mat Urban Class I Type A	SY	7,500.000	7,500.000
0152	628.7005	Inlet Protection Type A	EACH	81.000	81.000
0154	628.7010	Inlet Protection Type B	EACH	7.000	7.000
0156	628.7015	Inlet Protection Type C	EACH	90.000	90.000
0158	628.7020	Inlet Protection Type D	EACH	22.000	22.000
0160	629.0210	Fertilizer Type B	CWT	6.000	6.000
0162	630.0140	Seeding Mixture No. 40	LB	150.000	150.000
0164	630.0500	Seed Water	MGAL	180.000	180.000
0166	642.5201	Field Office Type C	EACH	1.000	1.000
0168	643.0300	Traffic Control Drums	DAY	7,000.000	7,000.000
0170	643.0420	Traffic Control Barricades Type III	DAY	7,100.000	7,100.000
0172	643.0705	Traffic Control Warning Lights Type A	DAY	14,200.000	14,200.000
0174	643.0900	Traffic Control Signs	DAY	21,960.000	21,960.000
0176	643.1000	Traffic Control Signs Fixed Message	SF	100.000	100.000
0178	643.1050	Traffic Control Signs PCMS	DAY	14.000	14.000
0180	643.5000	Traffic Control	EACH	1.000	1.000
0182	644.1440	Temporary Pedestrian Surface Matting	SF	695.000	695.000
0184	644.1601	Temporary Pedestrian Curb Ramp	DAY	1,080.000	1,080.000
0186	644.1605	Temporary Pedestrian Detectable Warning Field	SF	180.000	180.000
0188	644.1810	Temporary Pedestrian Barricade	LF	1,530.000	1,530.000
0190	644.1900.S	Temporary Audible Message Devices	DAY	2,120.000	2,120.000
0192	645.0111	Geotextile Type DF Schedule A	SY	50.000	50.000
0194	645.0145.S	Geogrid Type SR-2	SY	16,860.000	16,860.000
0196	646.1020	Marking Line Epoxy 4-Inch	LF	5,560.000	5,560.000

Estimate Of Quantities

4984-24-75

Line	Item	Item Description	Unit	Total	Qty
0198	646.2020	Marking Line Epoxy 6-Inch	LF	7,830.000	7,830.000
0200	646.3020	Marking Line Epoxy 8-Inch	LF	570.000	570.000
0202	646.5020	Marking Arrow Epoxy	EACH	32.000	32.000
0204	646.5120	Marking Word Epoxy	EACH	4.000	4.000
0206	646.5220	Marking Symbol Epoxy	EACH	23.000	23.000
0208	646.5320	Marking Railroad Crossing Epoxy	EACH	2.000	2.000
0210	646.6120	Marking Stop Line Epoxy 18-Inch	LF	175.000	175.000
0212	646.7120	Marking Diagonal Epoxy 12-Inch	LF	210.000	210.000
0214	646.7420	Marking Crosswalk Epoxy Transverse Line 6-Inch	LF	590.000	590.000
0216	646.8120	Marking Curb Epoxy	LF	120.000	120.000
0218	646.8220	Marking Island Nose Epoxy	EACH	8.000	8.000
0220	646.9010	Marking Removal Line Water Blasting 4-Inch	LF	2,030.000	2,030.000
0222	646.9110	Marking Removal Line Water Blasting 8-Inch	LF	170.000	170.000
0224	646.9210	Marking Removal Line Water Blasting Wide	LF	270.000	270.000
0226	646.9310	Marking Removal Special Marking Water Blasting	EACH	6.000	6.000
0228	650.4000	Construction Staking Storm Sewer	EACH	85.000	85.000
0230	650.4500	Construction Staking Subgrade	LF	4,028.000	4,028.000
0232	650.5000	Construction Staking Base	LF	148.000	148.000
0234	650.5500	Construction Staking Curb Gutter and Curb & Gutter	LF	240.000	240.000
0236	650.7000	Construction Staking Concrete Pavement	LF	3,880.000	3,880.000
0238	650.8501	Construction Staking Electrical Installations (project) 01. 4984-24-75	EACH	1.000	1.000
0240	650.9000	Construction Staking Curb Ramps	EACH	75.000	75.000
0242	650.9500	Construction Staking Sidewalk (project) 01. 4984-24-75	EACH	1.000	1.000
0244	650.9911	Construction Staking Supplemental Control (project) 01. 4984-24-75	EACH	1.000	1.000
0246	652.0320	Conduit Rigid Nonmetallic Schedule 80 1 1/2-Inch	LF	50.000	50.000
0248	652.0325	Conduit Rigid Nonmetallic Schedule 80 2-Inch	LF	255.000	255.000
0250	653.0164	Pull Boxes Non-Conductive 24x42-Inch	EACH	1.000	1.000
0252	654.0102	Concrete Bases Type 2	EACH	7.000	7.000
0254	690.0150	Sawing Asphalt	LF	630.000	630.000
0256	690.0250	Sawing Concrete	LF	2,480.000	2,480.000
0258	715.0720	Incentive Compressive Strength Concrete Pavement	DOL	3,765.000	3,765.000
0260	740.0440	Incentive IRI Ride	DOL	2,552.000	2,552.000
0262	ASP.1T0A	On-the-Job Training Apprentice at $5.00/HR	HRS	2,000.000	2,000.000
0264	ASP.1T0G	On-the-Job Training Graduate at $5.00/HR	HRS	1,320.000	1,320.000
0266	SPV.0060	Special 01. Push Button Station Base	EACH	2.000	2.000
0268	SPV.0060	Special 03. Adjusting Sanitary Manhole Covers	EACH	19.000	19.000
0270	SPV.0060	Special 04. Storm Sewer Doghouse Manhole Reconstruction	EACH	1.000	1.000
0272	SPV.0060	Special 05. Temporary Sanitary Sewer Bypass Intersection	EACH	1.000	1.000
0274	SPV.0060	Special 06. Salvage and Reinstall Traffic Signal Equipment Lawe St and College Ave	EACH	1.000	1.000
0276	SPV.0090	Special 01. Concrete Curb & Gutter 24-Inch Type A Special	LF	290.000	290.000
0278	SPV.0090	Special 02. Storm Sewer Lateral 6-Inch	LF	1,650.000	1,650.000
0280	SPV.0090	Special 03. Storm Sewer Lateral 8-Inch	LF	108.000	108.000
0282	SPV.0090	Special 04. Storm Sewer Pipe PVC 12-Inch	LF	184.000	184.000
0284	SPV.0090	Special 05. Storm Sewer Pipe PVC 18-Inch	LF	10.000	10.000
0286	SPV.0090	Special 06. Sanitary Sewer Pipe PVC 8-Inch	LF	10.000	10.000
0288	SPV.0090	Special 07. Sanitary Sewer Pipe PVC 18-Inch	LF	75.000	75.000
0290	SPV.0090	Special 08. Marking Crosswalk Epoxy Block Style 18-Inch	LF	606.000	606.000
0292	SPV.0180	Special 01. Concrete Driveway 5-Inch	SY	1,110.000	1,110.000
0294	SPV.0200	Special 01. Sanitary Manhole 4-FT Diameter	VF	12.000	12.000

GRUBBING

STATION	OFFSET	LOCATION	201.0220 GRUBBING ID
101+47	RT	LAWE STREET	7
102+30	RT	LAWE STREET	5
102+33	LT	LAWE STREET	10
102+70	LT	LAWE STREET	10
102+89	RT	LAWE STREET	9
103+19	LT	LAWE STREET	9
103+53	LT	LAWE STREET	9
105+14	RT	LAWE STREET	18
106+42	RT	LAWE STREET	35
110+50	LT	LAWE STREET	22
111+80	RT	LAWE STREET	20
112+62	LT	LAWE STREET	12
113+20	RT	LAWE STREET	18
113+65	LT	LAWE STREET	24
114+46	LT	LAWE STREET	35
114+63	RT	LAWE STREET	20
115+13	RT	LAWE STREET	23
115+37	LT	LAWE STREET	37
116+29	RT	LAWE STREET	20
116+73	RT	LAWE STREET	50
116+75	LT	LAWE STREET	19
118+90	LT	LAWE STREET	43
119+82	RT	LAWE STREET	32
120+69	RT	LAWE STREET	19
120+70	LT	LAWE STREET	8
121+72	RT	LAWE STREET	38
123+04	LT	LAWE STREET	20
123+07	RT	LAWE STREET	31
123+41	LT	LAWE STREET	20
123+49	RT	LAWE STREET	44
123+77	LT	LAWE STREET	18
124+18	LT	LAWE STREET	18
124+52	LT	LAWE STREET	17
		TOTAL	720

REMOVING PAVEMENT AND CURB & GUTTER

STATION	TO	STATION	LOCATION	204.0100 REMOVING CONCRETE PAVEMENT SY	204.0150 REMOVING CURB & GUTTER LF
100+39	-	104+08	LAWE STREET	1,150	-
104+08	-	108+00	LAWE STREET	1,220	-
108+00	-	111+01	LAWE STREET	940	-
111+01	-	114+02	LAWE STREET	1,020	-
114+02	-	119+40	LAWE STREET	1,830	-
119+40	-	122+56	LAWE STREET	1,070	-
122+56	-	125+59	LAWE STREET	940	-
125+59	-	130+78	LAWE STREET	1,490	-
130+88	-	135+05	LAWE STREET	1,160	-
19+53	-	20+47	EAST WASHINGTON STREET	230	-
29+25	-	30+52	EAST FRANKLIN STREET	350	-
39+53	-	40+47	EAST ELDORADO STREET	160	46
49+42	-	50+55	EAST NORTH STREET	270	-
59+31	-	60+66	EAST PACIFIC STREET	310	-
69+40	-	70+60	EAST ATLANTIC STREET	320	-
79+50	-	80+73	EAST HANCOCK STREET	260	32
89+50	-	89+86	EAST SPRING STREET	160	32
98+73	-	135+00	DRIVEWAYS	1,020	-
			TOTALS	13,900	110

NOTE: QUANTITIES DO NOT REFLECT CONCRETE PAVEMENT REMOVED DURING UTILITY RELOCATIONS. MAINLINE AND SIDEROAD PAVEMENT TO BE MEASURED TO INCLUDE TRENCHES REGUARDLESS OF MATERIAL IN TRENCH.

REMOVING CONCRETE BASES

STATION	OFFSET	LOCATION	204.0195 REMOVING CONCRETE BASES EACH	REMARKS
100+58	24' LT	LAWE STREET	1	TRAFFIC SIGNAL
130+40	20' RT	LAWE STREET	1	RAILROAD SIGNAL
		TOTAL	2	

REMOVING FENCE

STATION	TO	STATION	LOCATION	204.0170 REMOVING FENCE LF
114+31	-	115+02	LAWE STREET	90
119+70	-	19+75	LAWE STREET	5
			TOTAL 0010	95

REMOVING SIDEWALK

STATION	TO	STATION	LOCATION	204.0155 REMOVING CONCRETE SIDEWALK SY
100+39	-	104+08	LAWE STREET,LT	214
101+00	-	104+08	LAWE STREET,RT	122
104+08	-	108+00	LAWE STREET,LT	199
104+08	-	108+00	LAWE STREET,RT	145
108+00	-	111+01	LAWE STREET,LT	157
108+00	-	111+01	LAWE STREET,RT	143
111+01	-	114+02	LAWE STREET,LT	155
111+01	-	114+02	LAWE STREET,RT	162
114+02	-	119+40	LAWE STREET,LT	269
114+02	-	119+40	LAWE STREET,RT	322
119+40	-	122+56	LAWE STREET,LT	182
119+40	-	122+56	LAWE STREET,RT	172
122+56	-	125+59	LAWE STREET,LT	263
122+56	-	125+59	LAWE STREET,RT	159
125+59	-	130+78	LAWE STREET,LT	303
125+59	-	130+78	LAWE STREET,RT	287
130+88	-	135+12	LAWE STREET,LT	236
130+88	-	135+00	LAWE STREET,RT	210
100+35	-	135+00	HOME SW CONNECTIONS	200
			TOTAL	3,900

ITEMS ARE CATERGORY 0010 UNLESS OTHERWISE NOTED

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REMOVING MANHOLES AND INLETS

STATION	TO	STATION	LOCATION	204.0210 REMOVING MANHOLES EACH	204.0220 REMOVING INLETS EACH
100+39	-	104+08	LAWE STREET	1	2
104+08	-	108+00	LAWE STREET	4	4
108+00	-	111+01	LAWE STREET	1	3
111+01	-	114+02	LAWE STREET	3	3
114+02	-	119+40	LAWE STREET	2	5
119+40	-	122+56	LAWE STREET	1	3
122+56	-	125+59	LAWE STREET	6	2
125+59	-	131+00	LAWE STREET	2	5
131+00	-	135+00	LAWE STREET	-	2
			TOTAL 0010	20	29

REMOVING STORM SEWER

STATION	TO	STATION	LOCATION	204.0245.01 REMOVING STORM SEWER 8-INCH LF	204.0245.02 REMOVING STORM SEWER 12-INCH LF	204.0245.03 REMOVING STORM SEWER 15-INCH LF	204.0245.04 REMOVING STORM SEWER 18-INCH LF	204.0245.05 REMOVING STORM SEWER 21-INCH LF	204.0245.06 REMOVING STORM SEWER 24-INCH LF	204.0245.07 REMOVING STORM SEWER 27-INCH LF	204.0291.S ABANDONING SEWER CY
101+30	-	103+88	LAWE STREET	-	28	-	-	-	-	254	-
103+88	-	104+40	LAWE STREET	-	38	24	-	-	-	42	-
104+40	-	107+95	LAWE STREET	-	48	28	-	-	-	340	-
107+95	-	111+08	LAWE STREET	-	50	30	-	282	18	-	-
111+08	-	114+20	LAWE STREET	-	92	270	-	-	-	-	-
117+35	-	119+60	LAWE STREET	38	346	-	-	-	-	-	-
122+15	-	125+27	LAWE STREET	-	128	28	154	-	88	-	11
125+27	-	126+00	LAWE STREET	-	154	-	110	-	-	-	-
126+00	-	130+10	LAWE STREET	26	418	-	-	-	-	-	5
134+60	-	134+90	LAWE STREET	-	44	-	-	-	-	-	-
			TOTALS	64	1,346	380	264	282	106	636	16

ABANDONING WELLS

CATEGORY	STATION	OFFSET	LOCATION	204.0265 ABANDONING WELLS EACH
0010	123+53	13' RT	LAWE STREET	1
0010	123+60	24' LT	LAWE STREET	1
0010	124+27	12' RT	LAWE STREET	1
0010	124+32	12' RT	LAWE STREET	1
			TOTAL 0010	4

ABANDONING STORM SEWER STRUCTURES

CATEGORY	STATION	OFFSET	LOCATION	204.0250 ABANDONING MANHOLES EACH	204.0260 ABANDONING INLETS EACH
0010	123+67	22' LT	LAWE STREET	-	1
0010	124+61	22' LT	LAWE STREET	1	-
0010	126+03	21' LT	LAWE STREET	1	-
0010	126+47	20' LT	LAWE STREET	1	-
0010	126+82	20' LT	LAWE STREET	1	-
0010	127+12	20' LT	LAWE STREET	1	-
0010	128+96	19' LT	LAWE STREET	1	-
0010	129+45	19' LT	LAWE STREET	1	-
			TOTAL 0010	7	1

REMOVING SANITARY SEWER

CATEGORY	STATION	LOCATION	204.9060.S.01 REMOVING SANITARY SEWER MANHOLE EACH	204.9090.S.01 REMOVING SANITARY SEWER PIPE LF
0020	122+55	LAWE STREET	1	85
		TOTAL 0020	1	85

EXCAVATION, HAULING, AND DISPOSAL OF PETROLEUM CONTAMINATED SOIL

CATEGORY	STATION	TO	STATION	LOCATION	205.0501.S EXCAVATION, HAULING, AND DISPOSAL OF PETROLEUM CONTAMINATED SOIL TON
0020	122+65	-	123+35	LAWE STREET	460
0020	123+35	-	124+25	LAWE STREET	205
0020	124+25	-	125+10	LAWE STREET	220
0020	125+60	-	126+35	LAWE STREET	375
0020	126+35	-	127+25	LAWE STREET	170
0020	127+35	-	128+35	LAWE STREET	460
0020	129+15	-	130+00	LAWE STREET	240
0020	129+25	-	130+50	LAWE STREET	560
				TOTAL 0020	2,690

ITEMS ARE CATERGORY 0010 UNLESS OTHERWISE NOTED

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DIVISION	FROM/TO STATION	LOCATION	205.0100 EXCAVATION COMMON (1)		SALVAGED/UNUSABLE PAVEMENT MATERIAL (4)	AVAILABLE MATERIAL (5)	UNEXPANDED FILL	EXPANDED FILL (13)	MASS ORDINATE +/- (14)	WASTE	COMMENT
			CUT (2)	EBS EXCAVATION (3)				FACTOR 1.25			
1	100+50 - 134+99	LAWE STREET	7,793	-	2,904	4,889	245	306	4,583	7,487	
	19+54 - 20+46	EAST WASHINGTON ST	41	-	18	23	1	1	22	40	
	29+55 - 30+40	EAST FRANKLIN ST	29	-	13	16	1	1	15	28	
	39+55 - 40+46	EAST ELDORADO ST	44	-	19	25	2	3	23	42	
	49+51 - 50+50	EAST NORTH ST	67	-	29	38	3	4	34	63	
	59+45 - 60+65	EAST PACIFIC ST	100	-	40	60	3	4	56	96	
	69+40 - 70+60	EAST ATLANTIC ST	103	-	41	62	1	1	61	102	
	79+50 - 80+72	EAST HANCOCK ST	102	-	47	55	2	3	53	100	
	89+50 - 89+65	EAST SPRING ST	38	-	14	24	0	0	24	38	
		UNDISTRIBUTED	-	283	0	0	0	0	0	283	
GRAND TOTAL			8,317	283	3,125	5,192	258	323	4,870	8,278	
		TOTAL COMMON EXC	8,600		3,125	5,192	258	323	4,870	8,278	

NOTES:

(1) COMMON EXCAVATION IS THE SUM OF THE CUT AND EBS EXCAVATION COLUMNS. ITEM NUMBER 205.0100

(2) SALVAGED/UNSUABLE PAVEMENT MATERIAL IS INCLUDED IN CUT.

(3) EBS EXCAVATION TO BE BACKFILLED WITH BASE AGGREGATE DENSE 1 1/4-INCH.

(4) SALVAGED/UNUSABLE PAVEMENT MATERIAL

(5) AVAILABLE MATERIAL = CUT - SALVAGED/UNUSUABLE PAVEMENT MATERIAL

(13) EXPANDED FILL = UNEXPANDED FILL * FILL FACTOR. EXPANDED FILL FACTOR = 1.25

(14) THE MASS ORDINATE + OR - QTY CALCULATED FOR THE DIVISION. PLUS QUANTITY INDICATES AN EXCESS OF MATERIAL WITHIN THE DIVISION. MINUS INDICATES A SHORTAGE OF MATERIAL WITHIN THE DIVISION.

(15) FACTORS USED TO COMPUTE ANTICIPATED WASTE AND THE COMPUTED WASTE VOLUME IDENTIFIED ARE FOR GENERAL INFORMATION ONLY.

ITEMS ARE CATERGORY 0010 UNLESS OTHERWISE NOTED

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BASE AGGREGATE AND GEOGRID

CATEGORY	STATION	TO	STATION	LOCATION	305.0120 BASE AGGREGATE DENSE 1 1/4-INCH TON	624.0100 WATER MGAL	645.0145.S GEOGRID TYPE SR-2 SY	REMARKS
0010	100+39	-	104+08	LAWE STREET	870	13	1,390	ROADWAY
0010	104+08	-	108+00	LAWE STREET	1,000	15	1,620	ROADWAY
0010	108+00	-	111+01	LAWE STREET	770	12	1,240	ROADWAY
0010	111+01	-	114+02	LAWE STREET	820	13	1,320	ROADWAY
0010	114+02	-	119+40	LAWE STREET	1,460	22	2,370	ROADWAY
0010	119+40	-	122+56	LAWE STREET	860	13	1,390	ROADWAY
0010	122+56	-	125+59	LAWE STREET	770	12	1,250	ROADWAY
0010	125+59	-	135+37	LAWE STREET	1,220	19	1,970	ROADWAY
0010	130+37	-	131+30	LAWE STREET	320	5	390	ASPHALT RDWY
0010	131+30		135+00	LAWE STREET	940	15	1,520	ROADWAY
0010	98+73	-	104+08	LAWE STREET,LT	70	1	-	SIDEWALK AND DRIVEWAYS
0010	98+73	-	104+08	LAWE STREET,RT	60	1	-	SIDEWALK AND DRIVEWAYS
0010	104+08	-	108+00	LAWE STREET,LT	90	2	-	SIDEWALK AND DRIVEWAYS
0010	104+08	-	108+00	LAWE STREET,RT	90	2	-	SIDEWALK AND DRIVEWAYS
0010	108+00	-	111+01	LAWE STREET,LT	60	1	-	SIDEWALK AND DRIVEWAYS
0010	108+00	-	111+01	LAWE STREET,RT	50	1	-	SIDEWALK AND DRIVEWAYS
0010	111+01	-	114+02	LAWE STREET,LT	60	1	-	SIDEWALK AND DRIVEWAYS
0010	111+01	-	114+02	LAWE STREET,RT	60	1	-	SIDEWALK AND DRIVEWAYS
0010	114+02	-	119+40	LAWE STREET,LT	130	2	-	SIDEWALK AND DRIVEWAYS
0010	114+02	-	119+40	LAWE STREET,RT	120	2	-	SIDEWALK AND DRIVEWAYS
0010	119+40	-	122+56	LAWE STREET,LT	60	1	-	SIDEWALK AND DRIVEWAYS
0010	119+40	-	122+56	LAWE STREET,RT	70	1	-	SIDEWALK AND DRIVEWAYS
0010	122+56	-	125+59	LAWE STREET,LT	70	1	-	SIDEWALK AND DRIVEWAYS
0010	122+56	-	125+59	LAWE STREET,RT	60	1	-	SIDEWALK AND DRIVEWAYS
0010	125+59	-	130+78	LAWE STREET,LT	80	2	-	SIDEWALK AND DRIVEWAYS
0010	125+59	-	130+78	LAWE STREET,RT	80	2	-	SIDEWALK AND DRIVEWAYS
0010	130+88	-	132+12	LAWE STREET,LT	70	1	-	SIDEWALK AND DRIVEWAYS
0010	130+88	-	135+00	LAWE STREET,RT	60	1	-	SIDEWALK AND DRIVEWAYS
				SUBTOTALS	10,370	163	14,460	

BASE AGGREGATE AND GEOGRID CONTINUED

CATEGORY	STATION	TO	STATION	LOCATION	305.0120 BASE AGGREGATE DENSE 1 1/4-INCH TON	624.0100 WATER MGAL	645.0145.S GEOGRID TYPE SR-2 SY	REMARKS
0010	19+53	-	19+85	EAST WASHINGTON STREET	80	2	130	ROADWAY
0010	20+14	-	20+47	EAST WASHINGTON STREET	70	2	120	ROADWAY
0010	29+25	-	29+86	EAST FRANKLIN STREET	130	2	210	ROADWAY
0010	30+14	-	30+52	EAST FRANKLIN STREET	100	2	150	ROADWAY
0010	39+66	-	39+86	EAST ELDORADO STREET	80	2	130	ROADWAY
0010	40+14	-	40+37	EAST ELDORADO STREET	80	2	120	ROADWAY
0010	49+42	-	49+82	EAST NORTH STREET	90	2	140	ROADWAY
0010	50+18	-	50+55	EAST NORTH STREET	90	2	150	ROADWAY
0010	59+32	-	59+82	EAST PACIFIC STREET	100	2	160	ROADWAY
0010	60+18	-	60+66	EAST PACIFIC STREET	120	2	190	ROADWAY
0010	69+40	-	69+86	EAST ATLANTIC STREET	110	2	180	ROADWAY
0010	70+14	-	70+60	EAST ATLANTIC STREET	120	2	190	ROADWAY
0010	79+66	-	79+86	EAST HANCOCK STREET	90	2	140	ROADWAY
0010	80+14	-	80+72	EAST HANCOCK STREET	140	3	230	ROADWAY
0010	89+66	-	89+86	EAST SPRING STREET	100	2	160	ROADWAY
0010				EBS BACKFILL	530	6	-	
				SUBTOTALS	2,030	37	2,400	
				TOTALS	12,400	200	16,860	

ITEMS ARE CATERGORY 0010 UNLESS OTHERWISE NOTED

CONCRETE PAVEMENT

STATION	TO	STATION	LOCATION	415.0080 CONCRETE PAVEMENT 8-INCH SY	415.0210 CONCRETE PAVEMENT GAPS EACH	415.1080 CONCRETE PAVEMENT HES 8-INCH SY	415.4100 CONCRETE PAVEMENT JOINT FILLING SY	416.0610 DRILLED TIE BARS EACH	416.0620 DRILLED DOWEL BARS EACH	REMARKS
100+35	-	104+08	LAWE STREET	1,140	-	-	1,310	37	27	
104+08	-	108+00	LAWE STREET	1,220	-	-	1,400	-	-	
108+00	-	111+01	LAWE STREET	940	-	-	1,070	-	-	
111+01	-	114+02	LAWE STREET	1,020	-	-	1,150	-	-	
114+02	-	119+40	LAWE STREET	1,830	-	-	2,110	-	-	
119+40	-	122+56	LAWE STREET	1,060	-	-	1,200	-	-	
122+56	-	125+59	LAWE STREET	940	-	-	1,070	-	-	
125+59	-	130+36	LAWE STREET	1,490	-	-	1,730	-	-	
131+30	-	135+00	LAWE STREET	1,150	-	-	1,330	4	20	
19+53	-	19+85	EAST WASHINGTON STREET	120	-	-	140	-	23	
20+14	-	20+47	EAST WASHINGTON STREET	100	-	-	120	-	20	
29+25	-	29+86	EAST FRANKLIN STREET	190	-	-	210	12	26	
30+14	-	30+52	EAST FRANKLIN STREET	140	-	-	160	4	23	
39+66	-	39+86	EAST ELDORADO STREET	80	-	-	100	4	-	
40+14	-	40+37	EAST ELDORADO STREET	80	-	-	100	4	-	
49+42	-	49+82	EAST NORTH STREET	130	-	-	150	5	23	
50+18	-	50+55	EAST NORTH STREET	130	-	-	160	-	23	
59+32	-	59+82	EAST PACIFIC STREET	130	-	-	160	6	20	
60+18	-	60+66	EAST PACIFIC STREET	170	-	-	200	-	29	
69+40	-	69+86	EAST ATLANTIC STREET	150	-	-	180	-	21	
70+14	-	70+60	EAST ATLANTIC STREET	160	-	-	190	-	23	
79+66	-	79+86	EAST HANCOCK STREET	80	-	-	100	4	-	
80+14	-	80+72	EAST HANCOCK STREET	210	-	-	250	-	22	
89+66	-	89+86	EAST SPRING STREET	90	-	-	110	4	-	
126+75	-	127+25	LAWE STREET	-	1	100	-	-	-	
100+35	-	135+00	LAWE STREET	-	-	-	-	70	-	MATCH TO EXISTING SIDEWALK - SEE CONSTRUCTION DETAIL
			TOTALS	12,750	1	100	14,700	154	300	

ASPHALTIC SURFACE

STATION	TO	STATION	LOCATION	465.0105 ASPHALTIC SURFACE TON	REMARKS
125+59	-	130+78	LAWE STREET	60	RAILROAD
130+88	-	135+00	LAWE STREET	50	RAILROAD
39+53	-	40+47	EAST ELDORADO STREET	20	
79+50	-	80+54	EAST HANCOCK STREET	20	
89+50	-	89+86	EAST SPRING STREET	20	
			TOTAL	170	

DRIVEWAYS

STATION	TO	STATION	LOCATION	465.0120 ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES TON	602.0815 CONCRETE DRIVEWAY 7-INCH SY	SPV.0180.01 CONCRETE DRIVEWAY 5-INCH SY
100+35	-	104+08	LAWE STREET, LT	-	45	-
100+35	-	104+08	LAWE STREET, RT	1	35	20
104+08	-	108+00	LAWE STREET, LT	1	-	167
104+08	-	108+00	LAWE STREET, RT	1	-	112
108+00	-	111+01	LAWE STREET, LT	1	-	63
108+00	-	111+01	LAWE STREET, RT	-	-	26
111+01	-	114+02	LAWE STREET, LT	-	-	62
111+01	-	114+02	LAWE STREET, RT	1	30	20
114+02	-	119+40	LAWE STREET, LT	-	-	262
114+02	-	119+40	LAWE STREET, RT	1	20	164
119+40	-	122+56	LAWE STREET, LT	-	-	42
119+40	-	122+56	LAWE STREET, RT	1	20	49
122+56	-	125+59	LAWE STREET, LT	-	-	-
122+56	-	125+59	LAWE STREET, RT	1	25	47
125+59	-	130+78	LAWE STREET, LT	2	60	-
125+59	-	130+78	LAWE STREET, RT	3	190	-
130+88	-	135+00	LAWE STREET, LT	3	65	76
130+88	-	135+00	LAWE STREET, RT	1	50	-
			TOTALS	17	540	1,110

ITEMS ARE CATERGORY 0010 UNLESS OTHERWISE NOTED

3

CURB & GUTTER

STATION	TO	STATION	LOCATION	601.0409 CONCRETE CURB & GUTTER 30-INCH TYPE A LF	601.0411 CONCRETE CURB & GUTTER 30-INCH TYPE D LF	601.0452 CONCRETE CURB & GUTTER INTEGRAL 30-INCH TYPE D LF	601.0600 CONCRETE CURB PEDESTRIAN LF	620.0300 CONCRETE MEDIAN SLOPED NOSE SF	SPV.0090.01 CONCRETE CURB & GUTTER 24-INCH TYPE A SPECIAL LF	REMARKS
100+39	-	104+08	LAWE STREET,LT	-	-	335	-	-	-	
101+30	-	104+08	LAWE STREET,RT	-	-	247	-	-	-	
104+08	-	108+00	LAWE STREET,LT	-	-	321	-	-	-	
104+08	-	108+00	LAWE STREET,RT	-	-	327	-	-	-	
108+00	-	111+01	LAWE STREET,LT	-	-	234	-	-	-	
108+00	-	111+01	LAWE STREET,RT	-	-	236	-	-	-	
111+01	-	114+02	LAWE STREET,LT	-	-	234	8	25	72	MEDIAN
111+01	-	114+02	LAWE STREET,RT	-	-	236	-	-	-	
114+02	-	119+40	LAWE STREET,LT	-	-	472	18	50	146	MEDIAN
114+02	-	119+40	LAWE STREET,RT	-	-	472	-	-	-	
119+40	-	122+56	LAWE STREET,LT	-	-	252	8	25	72	MEDIAN
119+40	-	122+56	LAWE STREET,RT	-	-	249	-	-	-	
122+56	-	125+59	LAWE STREET,LT	-	-	236	-	-	-	
122+56	-	125+59	LAWE STREET,RT	-	-	219	-	-	-	
125+59	-	130+36	LAWE STREET,LT	-	-	444	-	-	-	
125+59	-	130+36	LAWE STREET,RT	-	-	434	-	-	-	
130+36	-	131+31	LAWE STREET, LT	-	65	-	8	-	-	
130+36	-	131+31	LAWE STREET, RT	-	65	-	28	-	-	
131+31	-	135+00	LAWE STREET,LT	-	-	295	-	-	-	
131+31	-	135+00	LAWE STREET,RT	-	-	370	-	-	-	
19+53	-	19+85	EAST WASHINGTON STREET	-	-	82	-	-	-	INCLUDES INTERSECTION RADII
20+14	-	20+47	EAST WASHINGTON STREET	-	-	82	-	-	-	INCLUDES INTERSECTION RADII
29+55	-	29+86	EAST FRANKLIN STREET	30	-	80	-	-	-	INCLUDES INTERSECTION RADII
30+14	-	30+40	EAST FRANKLIN STREET	24	-	70	-	-	-	INCLUDES INTERSECTION RADII
39+53	-	39+86	EAST ELDORADO STREET	-	26	56	-	-	-	INCLUDES INTERSECTION RADII
40+14	-	40+47	EAST ELDORADO STREET	-	20	64	-	-	-	INCLUDES INTERSECTION RADII
49+42	-	49+81	EAST NORTH STREET	8	-	80	-	-	-	INCLUDES INTERSECTION RADII
50+18	-	50+55	EAST NORTH STREET	-	-	92	-	-	-	INCLUDES INTERSECTION RADII
59+31	-	59+82	EAST PACIFIC STREET	13	-	92	-	-	-	INCLUDES INTERSECTION RADII
60+18	-	60+66	EAST PACIFIC STREET	-	-	115	-	-	-	INCLUDES INTERSECTION RADII
69+40	-	69+86	EAST ATLANTIC STREET	-	-	110	-	-	-	INCLUDES INTERSECTION RADII
70+14	-	70+60	EAST ATLANTIC STREET	-	-	110	-	-	-	INCLUDES INTERSECTION RADII
79+50	-	79+86	EAST HANCOCK STREET	-	32	56	-	-	-	INCLUDES INTERSECTION RADII
80+14	-	80+54	EAST HANCOCK STREET	-	-	128	-	-	-	INCLUDES INTERSECTION RADII
89+50	-	89+86	EAST SPRING STREET	-	32	60	-	-	-	INCLUDES INTERSECTION RADII
			TOTALS	75	240	6,890	70	100	290	

ITEMS ARE CATERGORY 0010 UNLESS OTHERWISE NOTED

SIDEWALK

CATEGORY	STATION	TO	STATION	LOCATION	602.0405 CONCRETE SIDEWALK 4-INCH SF	602.0420 CONCRETE SIDEWALK 7-INCH SF	602.0515 CURB RAMP DETECTABLE WARNING FIELD NATURAL PATINA SF	REMARKS
0030	100+35	-	104+08	LAWE STREET, RT	1,465	110	20	
0030	100+35	-	104+08	LAWE STREET, LT	1,760	185	32	
0030	104+08	-	108+00	LAWE STREET, RT	1,695	195	40	
0030	104+08	-	108+00	LAWE STREET, LT	1,720	135	40	
0030	108+00	-	111+01	LAWE STREET, RT	1,440	195	40	
0030	108+00	-	111+01	LAWE STREET, LT	1,325	170	40	
0030	111+01	-	114+02	LAWE STREET, RT	1,345	210	44	
0030	111+01	-	114+02	LAWE STREET, LT	1,325	175	42	
0030	111+01	-	114+02	LAWE STREET, MED	140	-	24	MEDIAN
0030	114+02	-	119+40	LAWE STREET, MED	140	-	24	MEDIAN
0030	114+02	-	119+40	LAWE STREET, RT	2,930	200	44	INCLUDES TERRACE AREAS
0030	114+02	-	119+40	LAWE STREET, LT	2,350	170	44	
0030	114+02	-	119+40	LAWE STREET, MED	140	-	24	MEDIAN
0030	119+40	-	122+56	LAWE STREET, MED	140	-	24	MEDIAN
0030	119+40	-	122+56	LAWE STREET, RT	1,480	160	42	
0030	119+40	-	122+56	LAWE STREET, LT	1,550	185	42	
0030	122+56	-	125+59	LAWE STREET, RT	1,345	185	40	
0030	122+56	-	125+59	LAWE STREET, LT	2,265	235	40	
0030	125+59	-	130+78	LAWE STREET, RT	3,670	100	32	INCLUDES TERRACE AREAS
0030	125+59	-	130+78	LAWE STREET, LT	4,420	65	34	
0030	130+88	-	135+00	LAWE STREET, RT	1,810	85	32	
0030	130+88	-	135+00	LAWE STREET, LT	2,105	110	52	
				TOTALS	36,560	2,870	796	

CONCRETE STEPS

STATION	LOCATION	602.1500 CONCRETE STEPS SF
118+90	LAWE STREET, LT	10
120+79	LAWE STREET, LT	10
	TOTAL	20

ADJUSTING INLET COVERS

STATION	OFFSET	LOCATION	611.8115 ADJUSTING INLET COVERS EACH
89+61	17' LT	SPRING STREET	1
89+66	17' RT	SPRING STREET	1
		TOTAL	2

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STORM SEWER PIPES

STRUCTURE	TO	STRUCTURE	LOCATION	520.8000 CONCRETE COLLARS FOR PIPE EACH	608.0324 STORM SEWER PIPE REINFORCED CONCRETE CLASS III 24-INCH LF	608.0327 STORM SEWER PIPE REINFORCED CONCRETE CLASS III 27-INCH LF	608.0330 STORM SEWER PIPE REINFORCED CONCRETE CLASS III 30-INCH LF	608.0336 STORM SEWER PIPE REINFORCED CONCRETE CLASS III 36-INCH LF	608.0412 STORM SEWER PIPE REINFORCED CONCRETE CLASS IV 12-INCH LF	608.0415 STORM SEWER PIPE REINFORCED CONCRETE CLASS IV 15-INCH LF	608.0418 STORM SEWER PIPE REINFORCED CONCRETE CLASS IV 18-INCH LF	608.0424 STORM SEWER PIPE REINFORCED CONCRETE CLASS IV 24-INCH LF	608.0430 STORM SEWER PIPE REINFORCED CONCRETE CLASS IV 30-INCH LF	608.0436 STORM SEWER PIPE REINFORCED CONCRETE CLASS IV 36-INCH LF	SPV.0090.04 STORM SEWER PIPE PVC 12-INCH LF	SPV.0090.05 STORM SEWER PIPE PVC 18-INCH LF	REMARKS
EXIST	-	1	N LAWE STREET	1	-	10	-	-	-	-	-	-	-	-	-	-	CONNECT TO 27-IN
1	-	2	N LAWE STREET	-	-	-	-	-	-	-	-	-	-	46	-	-	
2	-	EXIST RT	N LAWE STREET	-	-	-	-	-	-	-	-	-	-	-	22	-	CONNECT TO EXISTING
2	-	EXIST LT	N LAWE STREET	-	-	-	-	-	-	-	-	-	-	-	44	-	CONNECT TO EXISTING
2	-	3	N LAWE STREET	-	-	-	-	-	-	-	-	-	-	183	-	-	
3	-	3C	N LAWE STREET	-	-	-	-	-	7	-	-	-	-	-	-	-	
3	-	3B	N LAWE STREET	-	-	-	-	-	-	25	-	-	-	-	-	-	
3B	-	3A	N LAWE STREET	-	-	-	-	-	17	-	-	-	-	-	-	-	
3	-	4	N LAWE STREET	-	-	-	-	-	-	-	-	-	-	44	-	-	
4	-	5	N LAWE STREET	-	46	-	-	-	-	-	-	-	-	-	-	-	
5	-	5A	N LAWE STREET	-	-	-	-	-	23	-	-	-	-	-	-	-	
5	-	5B	N LAWE STREET	-	-	-	-	-	8	-	-	-	-	-	-	-	
5	-	EXIST	N LAWE STREET	1	-	-	-	-	-	8	-	-	-	-	-	-	CONNECT TO 15-IN
4	-	6	N LAWE STREET	-	-	-	-	-	-	-	-	-	114	-	-	-	
6	-	6A	N LAWE STREET	-	-	-	-	-	25	-	-	-	-	-	-	-	
6	-	6B	N LAWE STREET	-	-	-	-	-	7	-	-	-	-	-	-	-	
6	-	7	N LAWE STREET	-	-	-	-	-	-	-	-	-	231	-	-	-	
7	-	7B	N LAWE STREET	-	-	-	-	-	-	25	-	-	-	-	-	-	
7B	-	7A	N LAWE STREET	-	-	-	-	-	28	-	-	-	-	-	-	-	
7	-	7C	N LAWE STREET	-	-	-	-	-	6	-	-	-	-	-	-	-	
7	-	8	N LAWE STREET	-	-	-	-	-	-	-	-	-	33	-	-	-	
8	-	EXIST	N LAWE STREET	1	-	-	-	-	-	45	-	-	-	-	-	-	CONNECT TO 15-IN
8	-	9	N LAWE STREET	-	-	-	-	-	-	-	-	42	-	-	-	-	
9	-	9B	N LAWE STREET	-	-	-	-	-	-	25	-	-	-	-	-	-	
9B	-	9A	N LAWE STREET	-	-	-	-	-	29	-	-	-	-	-	-	-	
9B	-	9C	N LAWE STREET	-	-	-	-	-	10	-	-	-	-	-	-	-	
9	-	9D	N LAWE STREET	-	-	-	-	-	7	-	-	-	-	-	-	-	
9	-	10	N LAWE STREET	-	-	-	-	-	-	-	-	269	-	-	-	-	
10	-	11	N LAWE STREET	-	-	-	-	-	-	-	-	45	-	-	-	-	
11	-	11A	N LAWE STREET	-	-	-	-	-	20	-	-	-	-	-	-	-	
11	-	11B	N LAWE STREET	-	-	-	-	-	10	-	-	-	-	-	-	-	
11	-	EXIST	N LAWE STREET	1	-	-	-	-	-	8	-	-	-	-	-	-	CONNECT TO 15-IN
10	-	12	N LAWE STREET	-	-	-	-	-	-	-	-	32	-	-	-	-	
12	-	12A	N LAWE STREET	-	-	-	-	-	25	-	-	-	-	-	-	-	
12	-	12B	N LAWE STREET	-	-	-	-	-	7	-	-	-	-	-	-	-	
12	-	13	N LAWE STREET	-	-	-	-	-	-	-	-	242	-	-	-	-	
			PAGE TOTALS	4	46	10	0	0	229	136	0	630	378	273	66	0	

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STORM SEWER PIPES

STRUCTURE	TO	STRUCTURE	LOCATION	520.8000 CONCRETE COLLARS FOR PIPE EACH	608.0324 STORM SEWER PIPE REINFORCED CONCRETE CLASS III 24-INCH LF	608.0327 STORM SEWER PIPE REINFORCED CONCRETE CLASS III 27-INCH LF	608.0330 STORM SEWER PIPE REINFORCED CONCRETE CLASS III 30-INCH LF	608.0336 STORM SEWER PIPE REINFORCED CONCRETE CLASS III 36-INCH LF	608.0412 STORM SEWER PIPE REINFORCED CONCRETE CLASS IV 12-INCH LF	608.0415 STORM SEWER PIPE REINFORCED CONCRETE CLASS IV 15-INCH LF	608.0418 STORM SEWER PIPE REINFORCED CONCRETE CLASS IV 18-INCH LF	608.0424 STORM SEWER PIPE REINFORCED CONCRETE CLASS IV 24-INCH LF	608.0430 STORM SEWER PIPE REINFORCED CONCRETE CLASS IV 30-INCH LF	608.0436 STORM SEWER PIPE REINFORCED CONCRETE CLASS IV 36-INCH LF	SPV.0090.04 STORM SEWER PIPE PVC 12-INCH LF	SPV.0090.05 STORM SEWER PIPE PVC 18-INCH LF	REMARKS
13	-	13B	N LAWE STREET	-	-	-	-	-	50	-	-	-	-	-	-	-	
13B	-	13A	N LAWE STREET	-	-	-	-	-	31	-	-	-	-	-	-	-	
14	-	15	N LAWE STREET	-	203	-	-	-	-	-	-	-	-	-	-	-	
15	-	15A	N LAWE STREET	-	-	-	-	-	16	-	-	-	-	-	-	-	
15	-	15B	N LAWE STREET	-	-	-	-	-	16	-	-	-	-	-	-	-	
15	-	16	N LAWE STREET	-	210	-	-	-	-	-	-	-	-	-	-	-	
16	-	16A	N LAWE STREET	-	-	-	-	-	20	-	-	-	-	-	-	-	
16	-	16B	N LAWE STREET	-	-	-	-	-	20	-	-	-	-	-	-	-	
16	-	17	N LAWE STREET	-	66	-	-	-	-	-	-	-	-	-	-	-	
17	-	17B	N LAWE STREET	-	-	-	-	-	-	48	-	-	-	-	-	-	
17B	-	17A	N LAWE STREET	-	-	-	-	-	28	-	-	-	-	-	-	-	
17C	-	EXIST	N LAWE STREET	1	-	-	-	-	35	-	-	-	-	-	-	-	CONNECT TO 12-IN
17	-	18	N LAWE STREET	-	266	-	-	-	-	-	-	-	-	-	-	-	
18	-	18A	N LAWE STREET	-	-	-	-	-	25	-	-	-	-	-	-	-	
18	-	18B	N LAWE STREET	-	-	-	-	-	7	-	-	-	-	-	-	-	
18	-	19	N LAWE STREET	-	77	-	-	-	-	-	-	-	-	-	-	-	
19	-	21	N LAWE STREET	-	-	-	-	11	-	-	-	-	-	-	-	-	
20A	-	20B	N LAWE STREET	-	-	-	-	-	29	-	-	-	-	-	-	-	
20	-	20B	N LAWE STREET	-	-	-	-	-	-	36	-	-	-	-	-	-	
20	-	21	N LAWE STREET	-	-	-	-	26	-	-	-	-	-	-	-	-	
21	-	22	N LAWE STREET	-	-	-	-	-	-	22	-	-	-	-	-	-	
22	-	EXIST	N LAWE STREET	-	-	-	-	-	-	-	-	-	-	-	10	-	CONNECT TO 10-IN
23	-	EXIST	N LAWE STREET	-	-	-	-	-	-	-	-	-	-	-	38	-	CONNECT TO 12-IN
19	-	23	N LAWE STREET	-	-	-	164	-	-	-	-	-	-	-	-	-	
23	-	24	N LAWE STREET	-	-	-	86	-	-	-	-	-	-	-	-	-	
24B	-	24A	N LAWE STREET	-	-	-	-	-	10	-	-	-	-	-	-	-	
24B	-	24C	N LAWE STREET	-	-	-	-	-	-	32	-	-	-	-	-	-	
24C	-	24	N LAWE STREET	-	-	-	-	-	-	32	-	-	-	-	-	-	
24	-	25	N LAWE STREET	-	-	-	-	-	-	-	48	-	-	-	-	-	
25	-	EXIST	N LAWE STREET	1	-	-	-	-	8	-	-	-	-	-	-	-	CONNECT TO 12-IN
25	-	25A	N LAWE STREET	-	-	-	-	-	21	-	-	-	-	-	-	-	
25	-	25B	N LAWE STREET	-	-	-	-	-	10	-	-	-	-	-	-	-	
24	-	26	N LAWE STREET	-	-	-	-	-	-	-	56	-	-	-	-	-	
26	-	EXIST	N LAWE STREET	-	-	-	-	-	-	-	-	-	-	-	-	10	CONNECT TO 18-IN
24		27	N LAWE STREET	-	58	-	-	-	-	-	-	-	-	-	-	-	
			PAGE TOTALS	2	880	0	250	37	326	170	104	0	0	0	48	10	

ITEMS ARE CATERGORY 0010 UNLESS OTHERWISE NOTED

STORM SEWER PIPES

STRUCTURE	TO	STRUCTURE	LOCATION	520.8000 CONCRETE COLLARS FOR PIPE EACH	608.0324 STORM SEWER PIPE REINFORCED CONCRETE CLASS III 24-INCH LF	608.0327 STORM SEWER PIPE REINFORCED CONCRETE CLASS III 27-INCH LF	608.0330 STORM SEWER PIPE REINFORCED CONCRETE CLASS III 30-INCH LF	608.0336 STORM SEWER PIPE REINFORCED CONCRETE CLASS III 36-INCH LF	608.0412 STORM SEWER PIPE REINFORCED CONCRETE CLASS IV 12-INCH LF	608.0415 STORM SEWER PIPE REINFORCED CONCRETE CLASS IV 15-INCH LF	608.0418 STORM SEWER PIPE REINFORCED CONCRETE CLASS IV 18-INCH LF	608.0424 STORM SEWER PIPE REINFORCED CONCRETE CLASS IV 24-INCH LF	608.0430 STORM SEWER PIPE REINFORCED CONCRETE CLASS IV 30-INCH LF	608.0436 STORM SEWER PIPE REINFORCED CONCRETE CLASS IV 36-INCH LF	SPV.0090.04 STORM SEWER PIPE PVC 12-INCH LF	SPV.0090.05 STORM SEWER PIPE PVC 18-INCH LF	REMARKS
27	-	27C	N LAWE STREET	-	-	-	-	-	7	-	-	-	-	-	-	-	
27	-	27B	N LAWE STREET	-	-	-	-	-	-	25	-	-	-	-	-	-	
27B	-	27A	N LAWE STREET	-	-	-	-	-	10	-	-	-	-	-	-	-	
27	-	28	N LAWE STREET	-	45	-	-	-	-	-	-	-	-	-	-	-	
28		EXIST	N LAWE STREET	1	-	-	-	-	19	-	-	-	-	-	-	-	CONNECT TO 12-IN
28	-	29	N LAWE STREET	-	246	-	-	-	-	-	-	-	-	-	-	-	
29	-	EXIST LT	N LAWE STREET	-	-	-	-	-	-	-	-	-	-	-	37	-	CONNECT TO 8-IN
29	-	EXIST RT	N LAWE STREET	-	-	-	-	-	-	-	-	-	-	-	18	-	CONNECT TO 10-IN
29	-	30	N LAWE STREET	-	43	-	-	-	-	-	-	-	-	-	-	-	
30	-	EXIST	N LAWE STREET	-	-	-	-	-	-	-	-	-	-	-	15	-	CONNECT TO 8-IN
30	-	30A	N LAWE STREET	-	-	-	-	-	25	-	-	-	-	-	-	-	
30	-	30D	N LAWE STREET	-	-	-	-	-	-	-	22	-	-	-	-	-	
30D	-	30C	N LAWE STREET	-	-	-	-	-	7	-	-	-	-	-	-	-	
30D	-	31	N LAWE STREET	-	-	-	-	-	-	44	-	-	-	-	-	-	
31		EXIST	N LAWE STREET	1	-	-	-	-	17	-	-	-	-	-	-	-	CONNECT TO 12-IN
32A	-	32	N LAWE STREET	-	-	-	-	-	-	60	-	-	-	-	-	-	
32B	-	32	N LAWE STREET	-	-	-	-	-	-	36	-	-	-	-	-	-	
32B	-	32C	N LAWE STREET	-	-	-	-	-	30	-	-	-	-	-	-	-	
32C		32D	N LAWE STREET	-	-	-	-	-	23	-	-	-	-	-	-	-	
32B	-	33	N LAWE STREET	-	-	-	-	-	-	-	-	229	-	-	-	-	
33	-	33D	N LAWE STREET	-	-	-	-	-	-	7	-	-	-	-	-	-	
33D	-	33C	N LAWE STREET	-	-	-	-	-	10	-	-	-	-	-	-	-	
33	-	33B	N LAWE STREET	-	-	-	-	-	-	25	-	-	-	-	-	-	
33B	-	33A	N LAWE STREET	-	-	-	-	-	10	-	-	-	-	-	-	-	
33	-	34	N LAWE STREET	-	57	-	-	-	-	-	-	-	-	-	-	-	
34	-	34A	N LAWE STREET	-	-	-	-	-	11	-	-	-	-	-	-	-	
34A	-	34B	N LAWE STREET	-	-	-	-	-	37	-	-	-	-	-	-	-	
			PAGE TOTALS	2	391	0	0	0	169	197	22	229	0	0	70	0	
			TOTALS	8	1,317	10	250	37	761	503	126	859	378	273	184	10	

ITEMS ARE CATERGORY 0010 UNLESS OTHERWISE NOTED

STORM SEWER STRUCTURES

STRUCTURE	STATION	OFFSET*	LOCATION	611.0420 RECONSTRUCTING MANHOLES EACH	611.0530 MANHOLE COVERS TYPE J EACH	611.0612 INLET COVERS TYPE C EACH	611.0624 INLET COVERS TYPE H EACH	611.0639 INLET COVERS TYPE H-S EACH	611.2004 MANHOLES 4-FT DIAMETER EACH	611.2005 MANHOLES 5-FT DIAMETER EACH	611.2006 MANHOLES 6-FT DIAMETER EACH	611.2007 MANHOLES 7-FT DIAMETER EACH	611.3003 INLETS 3-FT DIAMETER EACH	611.3004 INLETS 4-FT DIAMETER EACH	611.3230 INLETS 2X3-FT EACH	SPV.0060.04 STORM SEWER DOGHOUSE MANHOLE RECONSTRUCTION EACH
1	101+45	4.84' LT	LAWE STREET	-	1	-	-	-	-	1	-	-	-	-	-	-
2	101+89	9' RT	LAWE STREET	-	1	-	-	-	-	-	1	-	-	-	-	-
3	103+72	9' RT	LAWE STREET	-	1	-	-	-	-	-	1	-	-	-	-	-
3A	103+55	16' RT	LAWE STREET	-	-	-	1	-	-	-	-	-	-	-	1	-
3B	103+72	15.5' LT	LAWE STREET	-	-	-	-	1	-	-	-	-	-	-	1	-
3C	103+72	15.5' RT	LAWE STREET	-	-	-	1	-	-	-	-	-	-	-	1	-
4	104+16	9' RT	LAWE STREET	-	1	-	-	-	-	-	1	-	-	-	-	-
5	19+63	15.36' LT	E WASHINGTON STREET	-	1	-	-	-	-	1	-	-	-	-	-	-
5A	19+64	15.41' RT	E WASHINGTON STREET	-	-	-	1	-	-	-	-	-	-	-	1	-
5B	19+64	15.36' LT	E WASHINGTON STREET	-	-	-	-	1	-	-	-	-	-	-	1	-
6	105+30	9' RT	LAWE STREET	-	1	-	-	-	-	1	-	-	-	-	-	-
6A	105+30	15.5' LT	LAWE STREET	-	-	-	-	1	-	-	-	-	-	-	1	-
6B	105+30	15.5 RT	LAWE STREET	-	-	-	-	1	-	-	-	-	-	-	1	-
7	107+61	9' RT	LAWE STREET	-	1	-	-	-	-	1	-	-	-	-	-	-
7A	29+65	19.85' RT	E FRANKLIN STREET	-	-	-	1	-	-	-	-	-	-	-	1	-
7B	107+61	15.5' LT	LAWE STREET	-	-	-	-	1	-	-	-	-	-	-	1	-
7C	107+61	15.5' RT	LAWE STREET	-	-	-	-	1	-	-	-	-	-	-	1	-
8	107+95	9' RT	LAWE STREET	-	1	-	-	-	-	1	-	-	-	-	-	-
9	108+37	9' RT	LAWE STREET	-	1	-	-	-	-	1	-	-	-	-	-	-
9A	29+64	15.46' LT	E FRANKLIN STREET	-	-	-	1	-	-	-	-	-	-	-	1	-
9B	108+37	15.5' LT	LAWE STREET	-	-	-	-	1	-	-	-	-	-	-	1	-
9C	108+47	15.5' LT	LAWE STREET	-	-	-	-	1	-	-	-	-	-	-	1	-
9D	108+37	15.5' RT	LAWE STREET	-	-	-	-	1	-	-	-	-	-	-	1	-
10	111+06	9' RT	LAWE STREET	-	1	-	-	-	-	1	-	-	-	-	-	-
11	39+64	5' LT	E ELDORADO STREET	-	1	-	-	-	-	1	-	-	-	-	-	-
11A	39+64	15.42' RT	E ELDORADO STREET	-	-	-	1	-	-	-	-	-	-	-	1	-
11B	39+64	15.36' LT	E ELDORADO STREET	-	-	-	1	-	-	-	-	-	-	-	1	-
12	111+38	9' RT	LAWE STREET	-	1	-	-	-	-	1	-	-	-	-	-	-
12A	111+38	15.5' LT	LAWE STREET	-	-	-	-	1	-	-	-	-	-	-	1	-
12B	111+38	15.5' RT	LAWE STREET	-	-	-	1	-	-	-	-	-	-	-	1	-
13	113+80	9' RT	LAWE STREET	-	1	-	-	-	1	-	-	-	-	-	-	-
13A	49+60	15.66' LT	LAWE STREET	-	-	-	-	1	-	-	-	-	-	-	1	-
13B	49+60	15.49' RT	LAWE STREET	-	-	-	-	1	-	-	-	-	-	-	1	-
14	114+75	0' LT	LAWE STREET	-	1	-	-	-	1	-	-	-	-	-	-	-
15	116+78	0' LT	LAWE STREET	-	1	-	-	-	-	1	-	-	-	-	-	-
			PAGE TOTALS	0	15	0	8	12	2	10	3	0	0	0	20	0

ITEMS ARE CATERGORY 0010 UNLESS OTHERWISE NOTED

STORM SEWER STRUCTURES

STRUCTURE	STATION	OFFSET*	LOCATION	611.0420 RECONSTRUCTING MANHOLES EACH	611.0530 MANHOLE COVERS TYPE J EACH	611.0612 INLET COVERS TYPE C EACH	611.0624 INLET COVERS TYPE H EACH	611.0639 INLET COVERS TYPE H-S EACH	611.2004 MANHOLES 4-FT DIAMETER EACH	611.2005 MANHOLES 5-FT DIAMETER EACH	611.2006 MANHOLES 6-FT DIAMETER EACH	611.2007 MANHOLES 7-FT DIAMETER EACH	611.3003 INLETS 3-FT DIAMETER EACH	611.3004 INLETS 4-FT DIAMETER EACH	611.3230 INLETS 2X3-FT EACH	SPV.0060.04 STORM SEWER DOGHOUSE MANHOLE RECONSTRUCTION EACH
15A	116+78	15.5' LT	LAWE STREET	-	-	-	1	-	-	-	-	-	-	-	1	-
15B	116+78	15.5' RT	LAWE STREET	-	-	-	1	-	-	-	-	-	-	-	1	-
16	118+88	0' LT	LAWE STREET	-	1	-	-	-	-	1	-	-	-	-	-	-
16A	118+92	19.5' LT	LAWE STREET	-	-	-	1	-	-	-	-	-	-	-	1	-
16B	118+82	19.5' RT	LAWE STREET	-	-	-	1	-	-	-	-	-	-	-	1	-
17	119+54	9' RT	LAWE STREET	-	1	-	-	-	-	1	-	-	-	-	-	-
17A	59+53	13.04' RT	E PACIFIC STREET	-	-	-	1	-	-	-	-	-	-	-	1	-
17B	59+61	14.02' LT	E PACIFIC STREET	-	-	-	1	-	-	-	-	-	-	1	-	-
17C	119+43	17.64' RT	LAWE STREET	-	1	-	-	-	1	-	-	-	-	-	-	-
18	122+20	9' RT	LAWE STREET	-	1	-	-	-	-	1	-	-	-	-	-	-
18A	122+20	15.5' LT	LAWE STREET	-	-	-	1	-	-	-	-	-	-	-	1	-
18B	122+20	15.5' RT	LAWE STREET	-	-	-	1	-	-	-	-	-	-	-	1	-
19	122+97	9' RT	LAWE STREET	-	1	-	-	-	-	-	1	-	-	-	-	-
20	122+64	0.28' LT	LAWE STREET	-	1	-	-	-	-	-	-	-	-	-	-	1
20A	69+64	14.87' RT	E ATLANTIC STREET	-	-	-	1	-	-	-	-	-	-	-	1	-
20B	69+64	14.31' LT	E ATLANTIC STREET	-	-	-	1	-	-	-	-	-	-	1	-	-
21	122+90	0' LT	LAWE STREET	-	1	-	-	-	-	-	1	-	-	-	-	-
22	122+88	21.44' LT	LAWE STREET	-	1	-	-	-	1	-	-	-	-	-	-	-
23	124+61	9' RT	LAWE STREET	-	1	-	-	-	-	1	-	-	-	-	-	-
24	125+47	9' RT	LAWE STREET	-	1	-	-	-	-	-	-	1	-	-	-	-
24A	125+05	15.5 LT	LAWE STREET	-	-	-	-	1	-	-	-	-	-	-	1	-
24B	125+15	15.5 LT	LAWE STREET	-	-	-	-	1	-	-	-	-	-	-	1	-
24C	125+16	16.62' RT	LAWE STREET	-	-	-	-	1	-	-	-	-	-	1	-	-
25	125+54	38.15' LT	LAWE STREET	-	1	-	-	-	-	1	-	-	-	-	-	-
25A	79+58	14' LT	E HANCOCK STREET	-	-	-	1	-	-	-	-	-	-	-	1	-
25B	79+61	16.87' RT	E HANCOCK STREET	-	-	-	1	-	-	-	-	-	-	-	1	-
26	125+64	62.18' RT	LAWE STREET	-	1	-	-	-	1	-	-	-	-	-	-	-
27	126+05	9' RT	LAWE STREET	-	1	-	-	-	-	1	-	-	-	-	-	-
27A	125+95	15.5' LT	LAWE STREET	-	-	-	-	1	-	-	-	-	-	-	1	-
27B	126+05	15.5' LT	LAWE STREET	-	-	-	-	1	-	-	-	-	-	-	1	-
27C	126+05	15.5' RT	LAWE STREET	-	-	-	-	1	-	-	-	-	-	-	1	-
28	126+51	9' RT	LAWE STREET	-	1	-	-	-	-	1	-	-	-	-	-	-
29	128+96	9' RT	LAWE STREET	-	1	-	-	-	-	1	-	-	-	-	-	-
30	129+40	9' RT	LAWE STREET	-	1	-	-	-	-	1	-	-	-	-	-	-
30A	129+40	15.5' LT	LAWE STREET	-	-	-	1	-	-	-	-	-	-	-	1	-
			PAGE TOTALS	0	16	0	13	6	3	9	2	1	0	3	16	1

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ITEMS ARE CATERGORY 0010 UNLESS OTHERWISE NOTED

STORM SEWER STRUCTURES

STRUCTURE	STATION	OFFSET*	LOCATION	611.0420 RECONSTRUCTING MANHOLES EACH	611.0530 MANHOLE COVERS TYPE J EACH	611.0612 INLET COVERS TYPE C EACH	611.0624 INLET COVERS TYPE H EACH	611.0639 INLET COVERS TYPE H-S EACH	611.2004 MANHOLES 4-FT DIAMETER EACH	611.2005 MANHOLES 5-FT DIAMETER EACH	611.2006 MANHOLES 6-FT DIAMETER EACH	611.2007 MANHOLES 7-FT DIAMETER EACH	611.3003 INLETS 3-FT DIAMETER EACH	611.3004 INLETS 4-FT DIAMETER EACH	611.3230 INLETS 2X3-FT EACH	SPV.0060.04 STORM SEWER DOGHOUSE MANHOLE RECONSTRUCTION EACH
30C	129+60	22.93' RT	LAWE STREET	-	-	1	-	-	-	-	-	-	1	-	-	-
30D	129+60	15.5' RT	LAWE STREET	-	-	-	1	-	-	-	-	-	-	1	-	-
31	130+04	10' RT	LAWE STREET	-	1	-	-	-	1	-	-	-	-	-	-	-
32	131+45	9' RT	LAWE STREET	-	1	-	-	-	1	-	-	-	-	-	-	-
32A	131+22	46' LT	LAWE STREET	-	-	1	-	-	-	-	-	-	1	-	-	-
32B	131+81	9' RT	LAWE STREET	-	1	-	-	-	1	-	-	-	-	-	-	-
32C	131+81	21.12' LT	LAWE STREET	-	-	1	-	-	-	-	-	-	-	1	-	-
32D	131+59	15.5' LT	LAWE STREET	-	-	-	1	-	-	-	-	-	-	-	1	-
33	134+11	9' RT	LAWE STREET	-	1	-	-	-	-	1	-	-	-	-	-	-
33A	134+00	15.5' LT	LAWE STREET	-	-	-	-	1	-	-	-	-	-	-	1	-
33B	134+10	15.5' LT	LAWE STREET	-	-	-	-	1	-	-	-	-	-	-	1	-
33C	134+00	15.5' RT	LAWE STREET	-	-	-	-	1	-	-	-	-	-	-	1	-
33D	134+10	15.5' RT	LAWE STREET	-	-	-	-	1	-	-	-	-	-	-	1	-
34	134+66	193.41 RT	LAWE STREET	1	1	-	-	-	-	-	-	-	-	-	-	-
34C	134+97	15.45' LT	LAWE STREET	-	-	-	-	1	-	-	-	-	-	-	1	-
			PAGE TOTALS	1	5	3	2	5	3	1	0	0	2	2	6	0
			TOTALS	1	36	3	23	23	8	20	5	1	2	5	42	1

INSULATION BOARD

CATEGORY	LOCATION	612.0902.S.01 INSULATION BOARD POLYSTYRENE 4-INCH SY	REMARKS
0020	UNDISTRIBUTED	100	SEE CONSTRUCTION DETAIL
	TOTAL 0020	100	

MOBILIZATIONS EROSION CONTROL

LOCATION	628.1905 MOBILIZATIONS EROSION CONTROL EACH	628.1910 MOBILIZATIONS EMERGENCY EROSION CONTROL EACH
PROJECT	10	5
TOTAL	10	5

ITEMS ARE CATERGORY 0010 UNLESS OTHERWISE NOTED

PIPE UNDERDRAIN

STATION	LOCATION	612.0106 PIPE UNDERDRAIN 6-INCH LF	645.0111 GEOTEXTILE TYPE DF SCHEDULE A SY	REMARKS
103+55	LAWE STREET	10	5	INLET 3A
103+72	LAWE STREET	10	5	INLET 3B
103+72	LAWE STREET	20	10	INLET 3C
105+30	LAWE STREET	20	10	INLET 6A
105+30	LAWE STREET	20	10	INLET 6B
107+61	LAWE STREET	20	10	INLET 7B
107+61	LAWE STREET	20	10	INLET 7C
108+37	LAWE STREET	10	5	INLET 9B
108+37	LAWE STREET	20	10	INLET 9D
108+47	LAWE STREET	10	5	INLET 9C
125+04	LAWE STREET	10	5	INLET 24A
125+14	LAWE STREET	10	5	INLET 24B
125+16	LAWE STREET	20	10	INLET 24C
125+95	LAWE STREET	10	5	INLET 27A
126+05	LAWE STREET	10	5	INLET 27B
126+05	LAWE STREET	20	10	INLET 27C
134+00	LAWE STREET	10	5	INLET 33A
134+00	LAWE STREET	10	5	INLET 33C
134+10	LAWE STREET	10	5	INLET 33B
134+10	LAWE STREET	10	5	INLET 33D
TOTALS		100	50	

STORM SEWER LATERAL

CATEGORY	STATION	OFFSET	LOCATION	SPV.0090.02 STORM SEWER LATERAL 6-INCH LF	SPV.0090.03 STORM SEWER LATERAL 8-INCH LF	REMARKS
0020	102+45	10'RT	LAWE STREET	22	-	
0020	102+92	10'RT	LAWE STREET	22	-	
0020	103+53	10'RT	LAWE STREET	22	-	
0020	104+65	7.5'LT	LAWE STREET	40	-	
0020	104+66	10'RT	LAWE STREET	22	-	
0020	105+15	7.5'LT	LAWE STREET	40	-	
0020	105+23	10'RT	LAWE STREET	22	-	
0020	105+63	7.5'LT	LAWE STREET	40	-	
0020	105+78	10'RT	LAWE STREET	22	-	
0020	106+08	7.5'LT	LAWE STREET	40	-	
0020	106+44	7.5'LT	LAWE STREET	40	-	
0020	106+51	10'RT	LAWE STREET	22	-	
0020	106+92	7.5'LT	LAWE STREET	40	-	
0020	107+36	10'RT	LAWE STREET	22	-	
0020	107+40	7.5'LT	LAWE STREET	40	-	
0020	108+58	10'RT	LAWE STREET	22	-	
0020	108+90	7.5'LT	LAWE STREET	40	-	
0020	109+22	10'RT	LAWE STREET	22	-	
0020	109+81	7.5LT	LAWE STREET	40	-	
0020	109+86	10'RT	LAWE STREET	22	-	
0020	110+42	10'RT	LAWE STREET	22	-	
0020	110+46	7.5'LT	LAWE STREET	40	-	
0020	111+75	10'RT	LAWE STREET	22	-	
0020	112+04	7.5'LT	LAWE STREET	40	-	
0020	112+23	10'RT	LAWE STREET	22	-	
0020	113+10	10'RT	LAWE STREET	22	-	
0020	113+16	7.5'LT	LAWE STREET	40	-	
0020	114+79	0'LT	LAWE STREET	32	-	
0020	114+91	0'RT	LAWE STREET	32	-	
0020	115+39	0'LT	LAWE STREET	32	-	
0020	115+93	0'RT	LAWE STREET	32	-	
0020	116+08	0'LT	LAWE STREET	32	-	
0020	116+37	0'RT	LAWE STREET	32	-	
0020	116+65	0'LT	LAWE STREET	32	-	
0020	116+89	0'RT	LAWE STREET	32	-	
SUBTOTALS				1,066	0	

STORM SEWER LATERAL

CATEGORY	STATION	OFFSET	LOCATION	SPV.0090.02 STORM SEWER LATERAL 6-INCH LF	SPV.0090.03 STORM SEWER LATERAL 8-INCH LF	REMARKS
0020	117+26	0'LT	LAWE STREET	32	-	
0020	117+56	0'RT	LAWE STREET	32	-	
0020	117+66	0'LT	LAWE STREET	32	-	
0020	118+13	0'RT	LAWE STREET	32	-	
0020	118+17	0'LT	LAWE STREET	32	-	
0020	118+77	0'LT	LAWE STREET	32	-	
0020	120+09	7.5'LT	LAWE STREET	40	-	
0020	120+13	10'RT	LAWE STREET	22	-	
0020	120+62	10'RT	LAWE STREET	22	-	
0020	120+73	7.5'LT	LAWE STREET	40	-	
0020	121+30	7.5'LT	LAWE STREET	40	-	
0020	121+32	10'RT	LAWE STREET	22	-	
0020	121+87	7.5'LT	LAWE STREET	40	-	
0020	122+88	21.4'LT	LAWE STREET	-	10	CONNECT TO 8-IN
0020	122+88	21.4'LT	LAWE STREET	10	-	CONNECT TO 4-IN
0020	123+26	7.5'RT	LAWE STREET	22	-	
0020	123+62	7.5'LT	LAWE STREET	10	30	
0020	123+83	7.5' RT	LAWE STREET	22	-	
0020	124+34	7.5'RT	LAWE STREET	22	-	
0020	126+81	7.5'LT	LAWE STREET	-	34	CONNECT TO 6-IN
0020	127+12	7.5"LT	LAWE STREET	-	34	CONNECT TO 6-IN
0020	132+86	7.5"LT	LAWE STREET	40	-	
0020	133+82	7.5"LT	LAWE STREET	40	-	
SUBTOTALS				584	108	
TOTAL				1,650	108	

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ITEMS ARE CATERGORY 0010 UNLESS OTHERWISE NOTED

STATION	LOCATION	INLET PROTECTION 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	REMARKS
103+85	LAWE STREET,RT	-	-	1	-	EXISTING
103+87.5	LAWE STREET,LT	-	-	1	-	EXISTING
104+30	LAWE STREET,LT	-	-	1	-	EXISTING
104+67.5	LAWE STREET,RT	-	-	1	-	EXISTING
105+45	LAWE STREET,LT	-	-	1	-	EXISTING
107+78	LAWE STREET,LT	-	-	1	-	EXISTING
108+20	LAWE STREET,LT	-	-	1	-	EXISTING
108+20	LAWE STREET,RT	-	-	1	-	EXISTING
110+82.5	LAWE STREET,LT	-	-	1	-	EXISTING
111+20	LAWE STREET,LT	-	-	1	-	EXISTING
111+20	LAWE STREET,LT	-	-	1	-	EXISTING
117+35	LAWE STREET,LT	-	-	1	-	EXISTING
117+35	LAWE STREET,RT	-	-	1	-	EXISTING
119+05	LAWE STREET,RT	-	-	1	-	EXISTING
119+20	LAWE STREET,LT	-	-	1	-	EXISTING
119+60	LAWE STREET,LT	-	-	1	-	EXISTING
122+20	LAWE STREET,RT	-	-	1	-	EXISTING
122+35	LAWE STREET,LT	-	-	1	-	EXISTING
122+75	LAWE STREET,LT	-	-	1	-	EXISTING
123+65	LAWE STREET,LT	-	1	-	-	EXISTING
125+22.5	LAWE STREET,LT	-	-	1	-	EXISTING
125+27.5	LAWE STREET,RT	-	-	1	-	EXISTING
125+85	LAWE STREET,RT	-	-	1	-	EXISTING
125+93	LAWE STREET,LT	-	-	1	-	EXISTING
129+55	LAWE STREET,RT	-	-	1	-	EXISTING
129+56	LAWE STREET,LT	-	-	1	-	EXISTING
134+20	LAWE STREET,LT	-	-	1	-	EXISTING
134+77.5	LAWE STREET,RT	-	-	1	-	EXISTING
134.82.5	LAWE STREET,LT	-	-	1	-	EXISTING
9+30	COLLEGE AVENUE, LT	-	-	1	-	EXISTING
49+59	EAST NORTH STREET,RT	-	-	1	-	EXISTING
49+59	EAST NORTH STREET,LT	-	-	1	-	EXISTING
79+53	EAST SPRING STREET,LT	-	-	1	-	EXISTING
89+62	EAST SPRING STREET,LT	-	-	1	-	EXISTING
89+66	EAST SPRING STREET,RT	-	-	1	-	EXISTING
	SUBTOTALS	0	1	34	0	

STATION	LOCATION	INLET PROTECTION 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	REMARKS
103+55	LAWE STREET,LT	1	-	1	-	3A
103+72	LAWE STREET,LT	1	-	-	1	3B
103+72	LAWE STREET,RT	1	-	1	-	3C
105+30	LAWE STREET,LT	1	-	1	-	6A
105+30	LAWE STREET,RT	1	-	1	-	6B
107+61	LAWE STREET,LT	1	-	-	1	7B
107+61	LAWE STREET,RT	1	-	-	1	7C
108+37	LAWE STREET,LT	1	-	-	1	9B
108+37	LAWE STREET,LT	1	-	-	1	9C
108+47	LAWE STREET,RT	1	-	1	-	9D
111+37	LAWE STREET,LT	1	-	1	-	12A
111+37	LAWE STREET,RT	1	-	1	-	12B
116+78	LAWE STREET,LT	1	-	1	-	15A
116+82	LAWE STREET,RT	1	-	1	-	15B
118+82	LAWE STREET,RT	1	-	1	-	16B
118+92	LAWE STREET,LT	1	-	1	-	16A
122+19	LAWE STREET,LT	1	-	1	-	18A
122+19	LAWE STREET,RT	1	-	1	-	18B
125+04	LAWE STREET,LT	1	-	-	1	24A
125+14	LAWE STREET,LT	1	-	1	-	24B
125+16	LAWE STREET,RT	1	-	-	1	24C
125+95	LAWE STREET,LT	1	-	-	1	27A
126+05	LAWE STREET,LT	1	-	1	-	27B
126+05	LAWE STREET,RT	1	-	-	1	27C
129+39	LAWE STREET,LT	1	-	1	-	30A
129+60	LAWE STREET,RT	1	1	-	-	30C
131+22	LAWE STREET,LT	-	1	-	-	32A
131+59	LAWE STREET,LT	1	-	1	-	32D
131+81	LAWE STREET,LT	1	1	-	-	32C
134+00	LAWE STREET,LT	1	-	-	1	33A
134+00	LAWE STREET,RT	1	-	-	1	33C
134+10	LAWE STREET,LT	1	-	1	-	33B
134+10	LAWE STREET,RT	1	-	1	-	33D
134+77	LAWE STREET,RT	1	-	1	-	34A
134+97	LAWE STREET,LT	1	-	1	-	34B
	SUBTOTALS	34	3	21	11	

STATION	LOCATION	INLET PROTECTION 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	REMARKS
19+63	EAST WASHINGTON STREET,RT	1	-	1	-	5A
19+63	EAST WASHINGTON STREET,LT	1	-	1	-	5B
29+64	EAST FRANKLIN STREET,RT	1	-	1	-	7A
29+64	EAST FRANKLIN STREET,LT	1	-	1	-	9A
39+64	EAST ELDORADO STREET,LT	1	-	1	-	11A
39+64	EAST ELDORADO STREET,RT	1	-	1	-	11B
49+60	EAST NORTH STREET,LT	1	-	1	-	13A
49+60	EAST NORTH STREET,RT	1	-	1	-	13B
59+53	EAST PACIFIC STREET,RT	1	-	1	-	17A
59+61	EAST PACIFIC STREET,LT	1	-	1	-	17B
69+64	EAST ATLANTIC STREET,RT	1	-	1	-	20A
69+64	EAST ATLANTIC STREET,LT	-	-	1	-	20B
79+57.5	EAST HANCOCK STREET,LT	1	-	1	-	25A
79+61	EAST HANCOCK STREET,RT	1	-	1	-	25B
	SUBTOTALS	13	0	14	0	
	TOTALS	81	7	90	22	

ITEMS ARE CATERGORY 0010 UNLESS OTHERWISE NOTED

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LANDSCAPING ITEMS

STATION	TO	STATION	LOCATION	625.0100 TOPSOIL SY	628.2006 EROSION MAT URBAN CLASS I TYPE A SY	629.0210 FERTILIZER TYPE B CWT	630.0140 SEEDING MIXTURE NO. 40 LB	630.0500 SEED WATER MGAL
100+35	-	104+08	LAWE STREET,LT	280	280	0.2	6	7
100+35	-	104+08	LAWE STREET,RT	400	400	0.3	8	9
104+08	-	108+00	LAWE STREET,LT	370	370	0.3	7	9
104+08	-	108+00	LAWE STREET,RT	380	380	0.3	7	9
108+00	-	111+01	LAWE STREET,LT	310	310	0.2	6	7
108+00	-	111+01	LAWE STREET,RT	320	320	0.3	6	8
111+01	-	114+02	LAWE STREET.LT	290	290	0.2	6	7
111+01	-	114+02	LAWE STREET,RT	260	260	0.2	5	6
114+02	-	119+40	LAWE STREET,LT	490	490	0.4	9	11
114+02	-	119+40	LAWE STREET,RT	410	410	0.3	8	10
119+40	-	122+56	LAWE STREET,LT	340	340	0.3	6	8
119+40	-	122+56	LAWE STREET,RT	300	300	0.2	6	7
122+56	-	125+59	LAWE STREET,LT	260	260	0.2	5	6
122+56	-	125+59	LAWE STREET,RT	290	290	0.2	6	7
125+59	-	130+78	LAWE STREET,LT	350	350	0.3	7	8
125+59	-	130+78	LAWE STREET,RT	240	240	0.2	5	6
130+88	-	135+00	LAWE STREET,LT	420	420	0.3	8	10
130+88	-	135+00	LAWE STREET,RT	470	470	0.3	9	11
			UNDISTRIBUTED	1,320	1,320	1.3	30	34
			TOTALS	7,500	7,500	6	150	180

TRAFFIC CONTROL

STATION	TO	STATION	LOCATION	APPROX SERVICE PERIOD DAYS	* 643.0300 TRAFFIC CONTROL DRUMS NO. IN SERVICE	643.0300 DAY	643.0420 TRAFFIC CONTROL BARRICADES TYPE III NO. IN SERVICE	643.0420 DAY	643.0705 TRAFFIC CONTROL WARNING LIGHTS TYPE A NO. IN SERVICE	643.0705 DAY	* 643.0900 TRAFFIC CONTROL SIGNS NO. IN SERVICE	643.0900 DAY	643.1050 TRAFFIC CONTROL SIGNS PCMS NO. IN SERVICE	643.1050 DAY	REMARKS
100+35	-	135+00	MAIN LINE CLOSURE	7	-	-	-	-	-	-	-	-	2	14	PCMS ONE WEEK IN ADVANCE. MESSAGE: "ROAD TO CLOSE / DAY, DATE"
100+35	-	135+00	MAIN LINE CLOSURE	170	-	-	10	1,700	20	3,400	8	1,360	-	-	ROAD CLOSURE DETAIL E.
100+35	-	135+00	SIDE ROAD CLOSURE	170	-	-	30	5,100	60	10,200	45	7,650	-	-	SIDE ROAD CLOSURES, DETAIL 4
130+00	-	131+50	RAILROAD CLOSURE	25	-	-	12	300	24	600	10	250	-	-	ROAD CLOSURE DETAIL D, SIDEWALK CLOSURE
100+35	-	135+00	SIDE ROAD STOP SIGNS	160	-	-	-	-	-	-	15	2,400	-	-	USED WHEN PERMANENT SIGNS ARE NOT IN PLACE
100+35	-	135+00	DAILY WORK AREAS	80	20	1,600	-	-	-	-	-	-	-	-	
			TOTAL			1,600		7,100		14,200		11,660		14	

*ADDITIONAL QUANTITIES SHOWN ELSEWHERE

ITEMS ARE CATERGORY 0010 UNLESS OTHERWISE NOTED

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TEMPORARY PEDESTRIAN ACCOMODATIONS

STATION	TO	STATION	LOCATION	APPROX SERVICE PERIOD	* 643.0300 TRAFFIC CONTROL DRUMS NO. IN SERVICE	DAY	* 643.0900 TRAFFIC CONTROL SIGNS NO. IN SERVICE	DAY	644.1440 TEMPORARY PEDESTRIAN SURFACE MATTING SF	644.1601 TEMPORARY PEDESTRIAN CURB RAMP NO. IN SERVICE	DAY	644.1605 TEMPORARY PEDESTRIAN DETECTABLE WARNING FIELD SF	644.1810 TEMPORARY PEDESTRIAN BARRICADE LF	644.1900.S TEMPORARY AUDIBLE MESSAGE DEVICES NO. IN SERVICE	DAY	REMARKS
				DAYS					SF			SF	LF			
99+53	-	100+63	EAST COLLEGE AVE	20	0	0	8	160	0	0	0	0	42	4	80	STAGE 1
19+53	-	19+85	EAST WASHINGTON STREET	60	0	0	4	240	0	0	0	0	36	0	0	STAGE 1
20+14	-	20+47	EAST WASHINGTON STREET	60	10	600	4	240	100	2	120	20	120	4	240	STAGE 1
29+55	-	29+86	EAST FRANKLIN STREET	60	0	0	4	240	0	0	0	0	36	0	0	STAGE 1
30+14	-	30+40	EAST FRANKLIN STREET	60	10	600	4	240	80	2	120	20	84	4	240	STAGE 1
39+53	-	39+86	EAST ELDORADO STREET	60	0	0	4	240	0	0	0	0	36	0	0	STAGE 1
40+14	-	41+10	EAST ELDORADO STREET	60	10	600	4	240	100	2	120	20	110	4	240	STAGE 1
49+50	-	49+81	EAST NORTH STREET	60	0	0	2	120	0	0	0	0	18	0	0	STAGE 1 MAINTAIN NORTH CROSSING OF LAWE ST
50+18	-	51+12	EAST NORTH STREET	60	10	600	3	180	80	2	120	20	136	4	240	STAGE 1 MAINTAIN NORTH CROSSING OF LAWE ST
49+50	-	49+81	EAST NORTH STREET	60	0	0	2	120	0	0	0	0	18	0	0	STAGE 2 MAINTAIN SOUTH CROSSING OF LAWE ST
50+18	-	51+12	EAST NORTH STREET	60	10	600	4	240	80	2	120	20	124	4	240	STAGE 2 MAINTAIN SOUTH CROSSING OF LAWE ST
59+45	-	59+82	EAST PACIFIC STREET	60	0	0	4	240	0	0	0	0	36	0	0	STAGE 2
60+18	-	60+93	EAST PACIFIC STREET	60	10	600	4	240	30	2	120	20	150	4	240	STAGE 2
69+40	-	59+86	EAST ATLANTIC STREET	60	0	0	4	240	0	0	0	0	40	0	0	STAGE 2
70+14	-	71+11	EAST ATLANTIC STREET	60	10	600	4	240	80	2	120	20	138	4	240	STAGE 2
79+50	-	79+86	EAST HANCOCK STREET	60	0	0	4	240	0	0	0	0	36	0	0	STAGE 2
80+14	-	80+54	EAST HANCOCK STREET	60	10	600	4	240	65	2	120	20	258	4	240	STAGE 2
89+50	-	90+00	EAST SPRING STREET	60	0	0	4	240	0	0	0	0	36	0	0	STAGE 2
134+75	-	135+50	LAWE STREET	60	10	600	4	240	80	2	120	20	76	2	120	STAGE 2
UNDISTRIBUTED						0										
			TOTALS			5,400		4,180	695		1,080	180	1,530		2,120	

ITEMS ARE CATERGORY 0010 UNLESS OTHERWISE NOTED

TRAFFIC CONTROL DETOUR SIGN SUMMARY - PROJECT 4984-24-75

SIGN NO.	APPROXIMATE LOCATION	SIGN DETOUR LEGEND NO.	SIGN CODE	SIZE W X H	NUMBER IN SERVICE	APPROX. SERVICE PERIOD 170 DAYS	* 643.0900 SIGNS DAYS	643.1000 SIGNS FIXED MESSAGE SF	REMARKS
A	LAWE STREET, 1000 FT SOUTH OF COLLEGE AVE	1	FMS	30"X15"				3.125	LAWE ST
	"		W20-2A	48"x48"	1	170	170		
B	LAWE STREET, 500 FT SOUTH OF COLLEGE AVE	5	FMS	30"X15"				3.125	LAWE ST
	"		M4-59R	30"X30"	1	170	170		
C	LAWE STREET, 25 FT SOUTH OF COLLEGE AVE	6	FMS	30"X15"				3.125	LAWE ST
	"		M4-9R	30"X24"	1	170	170		
D	COLLEGE AVE, 100 FT EAST OF LAWE STREET	2	FMS	30"X15"				3.125	LAWE ST
	"		M4-9RA	30"X24"	1	170	170		
E	COLLEGE AVE, 150 FT WEST OF JOHN STREET	2	FMS	30"X15"				3.125	LAWE ST
	"		M4-9RA	30"X24"	1	170	170		
F	COLLEGE AVE, 500 FT WEST OF STH 441 NB ON RAMP	3	FMS	30"X15"				3.125	LAWE ST
	"		M4-59L	30"X30"	1	170	170		
G	COLLEGE AVE, 25 FT EAST OF STH 441 NB ON RAMP	4	FMS	30"X15"				3.125	LAWE ST
	"		M4-9L	30"X24"	1	170	170		
H	STH 441, 1000 FT SOUTH OF CTH OO OFF RAMP	7	FMS	30"X15"				3.125	LAWE ST
	"		M4-8	30"X15"	1	170	170		
	"		MO5-2R	30"X30"	1	170	170		
I	STH 441, AT CTH OO NB OFF RAMP	8	FMS	30"X15"				3.125	LAWE ST
	"		M4-59L	30"X30"	1	170	170		
	"		MO6-2	30"X30"	1	170	170		
J	STH 441 OFF RAMP, 25 FT SOUTH OF CTH OO	4	FMS	30"X15"				3.125	LAWE ST
	"		M4-9L	30"X24"	1	170	170		
K	CTH OO, 525 FT EAST OF BALLARD RD	3	FMS	30"X15"				3.125	LAWE ST
	"		M4-59L	30"X30"	1	170	170		
L	CTH OO, 25 FT EAST OF BALLARD RD	4	FMS	30"X15"				3.125	LAWE ST
	"		M4-9L	30"X24"	1	170	170		
M	BALLARD RD, 500 FT NORTH OF STH 96	5	FMS	30"X15"				3.125	LAWE ST
	"		M4-59R	30"X30"	1	170	170		
N	BALLARD RD, 25 FT NORTH OF STH 96	6	FMS	30"X15"				3.125	LAWE ST
	"		M4-9R	30"X24"	1	170	170		
O	STH 96, 250 FT EAST OF MEADE ST	9	FMS	30"X15"				3.125	LAWE ST
	"		M4-8A	24"x18"	1	170	170		
AA	MEADE ST, 1000 FT NORTH OF STH 96	1	FMS	30"X15"				3.125	LAWE ST
	"		W20-2A	48"x48"	1	170	170		
AB	MEADE ST, 500 FT NORTH OF STH 96	3	FMS	30"X15"				3.125	LAWE ST
	"		M4-59L	30"X30"	1	170	170		
AC	MEADE ST, 25 FT NORTH OF STH 96	4	FMS	30"X15"				3.125	LAWE ST
	"		M4-9L	30"X24"	1	170	170		
AD	STH 96, 650 FT WEST OF LAWE STREET	1	FMS	30"X15"				3.125	LAWE ST
	"		W20-2A	48"x48"	1	170	170		
AE	STH 96, 25 FT WEST OF LAWE STREET	2	FMS	30"X15"				3.125	LAWE ST
	"		M4-9RA	30"X24"	1	170	170		
AF	STH 96, 25 FT EAST OF MEADE ST	2	FMS	30"X15"				3.125	LAWE ST
	"		M4-9RA	30"X24"	1	170	170		
	PAGE SUBTOTALS				23		3,910	65.625	

*ADDITIONAL QUANTITIES SHOWN ELSEWHERE

ITEMS ARE CATERGORY 0010 UNLESS OTHERWISE NOTED

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TRAFFIC CONTROL DETOUR SIGN SUMMARY - PROJECT 4984-24-75 CONTINUED

SIGN NO.	LOCATION	SIGN DETOUR LEGEND NO.	SIGN CODE	SIZE W X H	NUMBER IN SERVICE	APPROX. SERVICE PERIOD 170 DAYS	* 643.0900 SIGNS DAYS	643.1000 SIGNS FIXED MESSAGE SF	REMARKS
AG	STH 96, 525 FT WEST OF BALLARD RD	3	FMS	30"X15"				3.125	LAWE ST
	"		M4-59L	30"X30"	1	170	170		
AH	STH 96, 25 FT WEST OF BALLARD RD	4	FMS	30"X15"				3.125	LAWE ST
	"		M4-9L	30"X24"	1	170	170		
AI	BALLARD RD, 525 FT SOUTH OF CTH OO	5	FMS	30"X15"				3.125	LAWE ST
	"		M4-59R	30"X30"	1	170	170		
AJ	BALLARD RD, 25 FT SOUTH OF CTH OO	4	FMS	30"X15"				3.125	LAWE ST
			M4-9R	30"X24"	1	170	170		
AK	CTH OO, 500 FT WEST OF STH 441 SB ON RAMP	5	FMS	30"X15"				3.125	LAWE ST
	"		M4-59R	30"X30"	1	170	170		
AL	CTH OO, 50 FT WEST OF STH 441 SB ON RAMP	6	FMS	30"X15"				3.125	LAWE ST
	"		M4-9R	30"X24"	1	170	170		
AM	STH 441, 1500 FT NORTH OF COLLEGE AVE SB OFF RAMP	7	FMS	30"X15"				3.125	LAWE ST
	"		M4-8	30"X15"	1	170	170		
	"		MO5-2R	30"X30"	1	170	170		
AN	STH 441, AT COLLEGE AVE SB OFF RAMP	8	FMS	30"X15"				3.125	LAWE ST
	"		M4-8	30"X15"	1	170	170		
	"		MO6-2	30"X30"	1	170	170		
AO	COLLEGE AVE, 500 FT WEST STH 441	2	FMS	30"X15"				3.125	LAWE ST
	"		M4-9RA	30"X24"	1	170	170		
AP	COLLEGE AVE, 100 FT EAST OF WALTER AVE	2	FMS	30"X15"				3.125	LAWE ST
	"		M4-9RA	30"X24"	1	170	170		
AQ	COLLEGE AVE, 250 FT EAST OF LAWE ST	9	FMS	30"X15"				3.125	LAWE ST
	"		M4-8A	24"x18"	1	170	170		
	PAGE SUBTOTALS				13		2,210	34.375	

*ADDITIONAL QUANTITIES SHOWN ELSEWHERE

DETOUR 4984-24-75 TOTAL 0010 **6,120** **100.00**

ITEMS ARE CATERGORY 0010 UNLESS OTHERWISE NOTED

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PAVEMENT MARKING

STATION	TO	STATION	LOCATION	646.1020 MARKING LINE EPOXY 4-INCH LF	646.2020 MARKING LINE EPOXY 6-INCH LF	646.3020 MARKING LINE EPOXY 8-INCH LF	646.5020 MARKING ARROW EPOXY EACH	646.5120 MARKING WORD EPOXY EACH	646.5220 MARKING SYMBOL EPOXY EACH	646.5320 MARKING RAILROAD CROSSING EPOXY EACH	646.6120 MARKING STOP LINE EPOXY 18-INCH LF	646.7120 MARKING DIAGONAL EPOXY 12-INCH LF	646.7420 MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH LF	646.8120 MARKING CURB EPOXY LF	646.8220 MARKING ISLAND NOSE EPOXY EACH	SPV.0090.08 MARKING CROSSWALK EPOXY BLOCK STYLE 18-INCH LF
100+35	-	104+08	LAWE STREET	616	600	242	4	1	2	-	26	-	-	-	-	168
104+08	-	108+00	LAWE STREET	120	662	-	2	-	2	-	-	-	-	-	-	132
108+00	-	111+01	LAWE STREET	90	480	-	2	-	2	-	-	-	-	-	-	66
111+01	-	114+02	LAWE STREET	386	460	-	2	-	2	-	-	25	-	30	2	60
114+02	-	119+40	LAWE STREET	916	916	-	2	-	2	-	-	50	-	60	4	120
119+40	-	122+56	LAWE STREET	388	496	-	2	-	2	-	-	25	-	30	2	60
122+56	-	125+59	LAWE STREET	90	470	-	2	-	2	-	-	-	-	-	-	-
125+59	-	130+80	LAWE STREET	670	980	-	2	-	2	1	10	-	-	-	-	-
130+80	-	134+65	LAWE STREET	684	720	-	2	-	2	1	10	-	-	-	-	-
134+65	-	143+00	LAWE STREET	1520	2046	154	7	1	5	-	-	110	-	-	-	-
143+00	-	146+50	MEADE STREET	-	-	134	4	2	-	-	-	-	-	-	-	-
19+03	-	21+22	EAST WASHINGTON STREET	-	-	-	-	-	-	-	30	-	134	-	-	-
28+98	-	31+32	EAST FRANKILIN STREET	80	-	40	1	-	-	-	36	-	150	-	-	-
49+01	-	51+12	EAST NORTH STREET	-	-	-	-	-	-	-	33	-	160	-	-	-
58+98	-	68+93	EAST PACIFIC STREET	-	-	-	-	-	-	-	30	-	146	-	-	-
			TOTAL	5,560	7,830	570	32	4	23	2	175	210	590	120	8	606

MARKING REMOVALS

STATION	TO	STATION	LOCATION	646.9010 MARKING REMOVAL LINE WATER BLASTING 4-INCH LF	646.9110 MARKING REMOVAL LINE WATER BLASTING 8-INCH LF	646.9210 MARKING REMOVAL LINE WATER BLASTING WIDE LF	646.9310 MARKING REMOVAL SPECIAL MARKING WATER BLASTING EACH
100+45	-	101+30	LAWE STREET	190	-	135	2
135+00	-	142+53	LAWE STREET	1,750	170	135	4
143+68	-	146+05	LAWE STREET	90	-	-	-
			TOTALS	2,030	170	270	6

ITEMS ARE CATERGORY 0010 UNLESS OTHERWISE NOTED

3

CONSTRUCTION STAKING

STATION	TO	STATION	LOCATION	650.4000 CONSTRUCTION STAKING STORM SEWER EACH	650.4500 CONSTRUCTION STAKING SUBGRADE LF	650.5000 CONSTRUCTION STAKING BASE LF	650.5500 CONSTRUCTION STAKING CURB GUTTER AND CURB & GUTTER LF	650.7000 CONSTRUCTION STAKING CONCRETE PAVEMENT LF	650.8501.01 CONSTRUCTION STAKING ELECTRICAL INSTALLATIONS (PROJECT) 4984-24-75 EACH	650.9000 CONSTRUCTION STAKING CURB RAMPS EACH	650.9500.01 CONSTRUCTION STAKING SIDEWALK (PROJECT) 4984-24-75 EACH	650.9911.01 CONSTRUCTION STAKING SUPPLEMENTAL CONTROL (PROJECT) 4984-24-75 EACH	REMARKS
100+39	-	135+00	PROJECT	85	-	-	-	-	1	-	1	1	
100+39	-	130+37	LAWE STREET	-	2,998	-	-	2,998	-	65	-	-	
130+37	-	131+30	LAWE STREET	-	93	93	130	-	-	4	-	-	RAILROAD AREA
131+30	-	135+00	LAWE STREET	-	370	-	-	370	-	6	-	-	
19+53	-	19+85	EAST WASHINGTON STREET	-	32	-	-	32	-	-	-	-	
20+14	-	20+47	EAST WASHINGTON STREET	-	33	-	-	33	-	-	-	-	
29+55	-	29+86	EAST FRANKLIN STREET	-	31	-	-	31	-	-	-	-	
30+14	-	30+40	EAST FRANKLIN STREET	-	26	-	-	26	-	-	-	-	
39+53	-	39+86	EAST ELDORADO STREET	-	33	13	26	20	-	-	-	-	
40+14	-	40+47	EAST ELDORADO STREET	-	33	10	20	23	-	-	-	-	
49+42	-	49+81	EAST NORTH STREET	-	39	-	-	39	-	-	-	-	
50+18	-	50+55	EAST NORTH STREET	-	37	-	-	37	-	-	-	-	
59+31	-	59+82	EAST PACIFIC STREET	-	51	-	-	51	-	-	-	-	
60+18	-	60+66	EAST PACIFIC STREET	-	48	-	-	48	-	-	-	-	
69+40	-	69+86	EAST ATLANTIC STREET	-	46	-	-	46	-	-	-	-	
70+14	-	70+60	EAST ATLANTIC STREET	-	46	-	-	46	-	-	-	-	
79+50	-	79+86	EAST HANCOCK STREET	-	36	16	32	20	-	-	-	-	
80+14	-	80+54	EAST HANCOCK STREET	-	40	-	-	40	-	-	-	-	
89+50	-	89+86	EAST SPRING STREET	-	36	16	32	20	-	-	-	-	
			TOTALS	85	4,028	148	240	3,880	1	75	1	1	

ITEMS ARE CATERGORY 0010 UNLESS OTHERWISE NOTED

3

CONDUIT

FROM		TO	LOCATION	652.0320 CONDUIT RIGID NONMETALLIC SCHEDULE 80 1 1/2-INCH LF	652.0325 CONDUIT RIGID NONMETALLIC SCHEDULE 80 2-INCH LF
EXISTING	-	SB1	LAWE STREET	10	-
SERVICE	-	PB1	LAWE STREET	5	-
PB1	-	SB11	LAWE STREET	-	68
PB1	-	SB13	LAWE STREET	-	26
PB1	-	SB14	LAWE STREET	-	66
PB1	-	PB STATION A	LAWE STREET	5	-
SB11	-	SB12	LAWE STREET	-	23
SB12	-	SB13	LAWE STREET	-	24
SB14	-	SB15	LAWE STREET	-	24
SB15	-	SB16	LAWE STREET	-	24
SB16	-	PB STATION B	LAWE STREET	30	-
			TOTAL	50	255

PULL BOXES AND CONCRETE BASES

BASE NO.	STATION	OFFSET	LOCATION	653.0164 PULL BOXES NON-CONDUCTIVE 24X42-INCH EACH	654.0102 CONCRETE BASES TYPE 2 EACH	SPV.0060.01 PUSH BUTTON STATION BASE EACH
SB1	100+52.9	29.5' LT	LAWE STREET	-	1	-
PB01	113+80	40' LT	LAWE STREET	1	-	-
SB11	113+60	22.75' RT	LAWE STREET	-	1	-
SB12	113+60	0'	LAWE STREET	-	1	-
SB13	1+14	23.25' LT	LAWE STREET	-	1	-
SB14	114+42	23.25' LT	LAWE STREET	-	1	-
SB15	114+42	0'	LAWE STREET	-	1	-
SB16	114+42	23.25' RT	LAWE STREET	-	1	-
PB STATION A	113+84.8	37.5' LT	LAWE STREET	-	-	1
PB STATION B	114+20	38.5' RT	LAWE STREET	-	-	1
			TOTAL	1	7	2

ITEMS ARE CATERGORY 0010 UNLESS OTHERWISE NOTED

FILE NAME : N:\PDS\...\030200_mq.pptx PLOT DATE : October 30, 2025 PLOT BY : A.R.H. PLOT NAME : PLOT SCALE : 1:1

SAWCUTS

STATION	TO	STATION	LOCATION	690.0150 SAWING ASPHALT LF	690.0250 SAWING CONCRETE LF	REMARKS
100+35	-	104+08	LAWE STREET	-	135	START OF PROJECT
100+35	-	104+08	LAWE STREET, LT	-	53	
100+35	-	104+08	LAWE STREET, RT	24	37	
104+08	-	108+00	LAWE STREET, LT	-	82	
104+08	-	108+00	LAWE STREET, RT	24	52	
108+00	-	111+01	LAWE STREET, LT	28	20	
108+00	-	111+01	LAWE STREET, RT	-	36	
111+01	-	114+02	LAWE STREET, LT	-	40	
111+01	-	114+02	LAWE STREET, RT	20	48	
114+02	-	119+40	LAWE STREET, LT	-	114	
114+02	-	119+40	LAWE STREET, RT	24	168	
119+40	-	122+56	LAWE STREET, LT	-	32	
119+40	-	122+56	LAWE STREET, RT	24	66	
122+56	-	125+59	LAWE STREET, LT	-	238	
122+56	-	125+59	LAWE STREET, RT	12	21	
125+59	-	130+78	LAWE STREET, LT	66	291	
125+59	-	130+78	LAWE STREET, RT	230	214	
130+88	-	135+00	LAWE STREET, LT	36	82	
130+88	-	135+00	LAWE STREET, RT	30	5	
135+00	-	135+00	LAWE STREET	-	35	END OF PROJECT
19+53	-	19+85	EAST WASHINGTON STREET	-	44	
20+14	-	20+47	EAST WASHINGTON STREET	-	40	
29+25	-	29+86	EAST FRANKLIN STREET	-	85	
30+14	-	30+40	EAST FRANKLIN STREET	-	44	
39+53	-	39+86	EAST ELDORADO STREET	28	14	
40+14	-	41+10	EAST ELDORADO STREET	24	14	
49+42	-	49+81	EAST NORTH STREET	-	52	
50+18	-	51+12	EAST NORTH STREET	-	54	
59+32	-	59+82	EAST PACIFIC STREET	-	52	
60+18	-	60+93	EAST PACIFIC STREET	-	85	
69+40	-	69+86	EAST ATLANTIC STREET	-	54	
70+14	-	71+11	EAST ATLANTIC STREET	-	43	
79+50	-	79+86	EAST HANCOCK STREET	28	52	
80+14	-	80+72	EAST HANCOCK STREET	-	62	
89+50	-	89+96	EAST SPRING STREET	32	16	
			TOTAL	630	2,480	

ADJUSTING SANITARY MANHOLE COVERS

CATEGORY	STATION	LOCATION	SPV.0060.03 ADJUSTING SANITARY MANHOLE COVERS EACH
0020	102+30	LAWE STREET	1
0020	104+08	LAWE STREET	1
0020	106+88	LAWE STREET	1
0020	108+00	LAWE STREET	1
0020	109+33	LAWE STREET	1
0020	111+00	LAWE STREET	1
0020	112+12	LAWE STREET	1
0020	114+03	LAWE STREET	1
0020	115+39	LAWE STREET	1
0020	119+40	LAWE STREET	1
0020	122+56	LAWE STREET	1
0020	123+67	LAWE STREET	1
0020	125+60	LAWE STREET	1
0020	125+59	LAWE STREET	1
0020	128+60	LAWE STREET	1
0020	129+49	LAWE STREET	1
0020	130+30	LAWE STREET	1
0020	131+30	LAWE STREET	1
0020	134+61	LAWE STREET	1
		TOTAL 0020	19

SALVAGE AND REINSTALL TRAFFIC SIGNAL EQUIPMENT LAWE ST AND COLLEGE AVE

LOCATION	SPV.0060.06 EACH	REMARKS
LAWE STREET	1	COLLEGE AVE INTERSECTION
TOTAL	1	

SANITARY SEWER WORK

CATEGORY	STATION	LOCATION	SPV.0060.05 TEMPORARY SANITARY SEWER BYPASS INTERSECTION EACH	SPV.0090.06 SANITARY SEWER PIPE PVC 8-INCH LF	SPV.0090.07 SANITARY SEWER PIPE PVC 18-INCH LF	SPV.0200.01 SANITARY MANHOLE 4-FT DIAMETER VF
0020	122+55	LAWE STREET	1	10	75	12
		TOTAL 0020	1	10	75	12

ITEMS ARE CATERGORY 0010 UNLESS OTHERWISE NOTED

TRANSPORTATION PROJECT PLAT NO: 4984-24-74-4.01

THAT PART OF LOT 1 OF CSM 7338, PART OF LOTS 1, 4, 5, 8, 9, AND 12, BLOCK 4, PART OF LOTS 1 AND 8, BLOCK 17, PART OF LOTS 1 AND 8, BLOCK 31, PART OF LOTS 8 AND 9, BLOCK 30, PART OF LOTS 7-10, BLOCK 18, PART OF LOTS 8-13, BLOCK 3, PART OF LOTS 8-12, BLOCK 6, OF LAWSBURGH PLAT, PART OF LOT 14, BLOCK 6, AND PART OF LOTS 8 AND 9, BLOCK 12, BATEMAN'S ADDITION TO THE CITY OF APPLETON, BEING IN PART OF GOVERNMENT LOT 1, SECTION 26, ALL IN TOWNSHIP 21 NORTH, RANGE 17 EAST, CITY OF APPLETON, OUTAGAMIE COUNTY, WISCONSIN

RELOCATION ORDER - N LAWE STREET, COLLEGE AVE TO WISCONSIN AVENUE, OUTAGAMIE COUNTY

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE CITY OF APPLETON DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 62.22, WISCONSIN STATUTES, THE CITY OF APPLETON HEREBY ORDERS THAT:

1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE CITY FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE CITY OF APPLETON, PURSUANT TO THE PROVISIONS OF SECTION 62.22, WISCONSIN STATUTES.

SCHEDULE OF LANDS & INTERESTS REQUIRED

PARCEL NUMBER	OWNER(S)	INTEREST(S) REQUIRED	R/W ACRES REQUIRED			
			NEW	EXISTING	TOTAL	TLE
1	LAWRENCE UNIVERSITY OF WISCONSIN	FEE & TLE	0.025	---	0.025	0.083
2	KC KAMPS & RUTHANN CRAGER	TLE	---	---	---	0.012
3	MICHAEL D. BAZILE	TLE	---	---	---	0.010
4	JOHN R. & HOPE M. ZIRBEL	TLE	---	---	---	0.009
6	ROSS J. GALSHEEN & BECKY L. SIPIORSKI-GLASHEEN	TLE	---	---	---	0.012
7	ROY EARL OLSON, III	TLE	---	---	---	0.016
8	ANNA, THOMAS & KIM GOELZ	TLE	---	---	---	0.016
9	PHYLLIS A. COLLAR	TLE	---	---	---	0.021
11	SCOTT R. REINECK	TLE	---	---	---	0.038
12	SAMUEL JAMES FARRELL & MARIAH STAELENS	TLE	---	---	---	0.018
13	MARK T. & AYMEE L. ROVICK	TLE	---	---	---	0.020
14	RONALD A. WAHL LIVING TRUST DATED FEBRUAREY 14, 2024	TLE	---	---	---	0.027
16	BOBBY L. & ALLISON M. FLESHMAN	TLE	---	---	---	0.022
17	RICHARD A. SANERIB	TLE	---	---	---	0.017
18	DANIEL JOHNSON & JENNIFER LE	TLE	---	---	---	0.011
19	JASON PAUL MARIER	TLE	---	---	---	0.004
21	BRIAN L. SORENSEN & LISA A. NEREHAUSEN	TLE	---	---	---	0.025
22	VILLA PHOENIX, INC	TLE	---	---	---	0.024
23	PERRI A. DUCKLOW	TLE	---	---	---	0.015
24	ET HOLDINGS LLC	TLE	---	---	---	0.012
26	WESLEY W. FIETZER AND NANCY E. FIETZER REVOCABLE TRUST DATED MAY 26, 1998	TLE	---	---	---	0.011
27	MOONLIMIT LLC	TLE	---	---	---	0.012
28	CAITLYN M. HILLS	TLE	---	---	---	0.011
29	226 228 N LAWE, LLC	TLE	---	---	---	0.012
31	224 N LAWE, LLC	TLE	---	---	---	0.007
32	LJM2, LLC	TLE	---	---	---	0.014
33	GARY L. & NANCY A. BURNS	TLE	---	---	---	0.010
34	HRI GROUP LLC	TLE	---	---	---	0.010
36	DRS INVESTMENTS LLC	TLE	---	---	---	0.012
37	JOSEPH CARLTON CRAMER	TLE	---	---	---	0.014
38	122 N LAWE LLC	TLE	---	---	---	0.014
39	KARIN ANN MORTIER	TLE	---	---	---	0.011

NOTES:

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), OUTAGAMIE COUNTY, NAD83(2011), IN U.S. SURVEY FEET. VALUES ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

ALL NEW RIGHT-OF-WAY MONUMENTS WILL BE TYPE 2 (TYPICALLY ¾" X 24" IRON REBARS), UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

FOR CURRENT ACCESS/DRIVEWAY INFORMATION, CONTACT THE CITY OF APPLETON.

ALL FOUND MONUMENT INFORMATION SHOWN REPRESENTS TYPE AND LOCATION OF EXISTING MONUMENTS WITHOUT OPINION AS TO THEIR VALIDITY AND USE AS A PROPERTY CORNER.

EXISTING HIGHWAY RIGHT-OF-WAY SHOWN HEREIN IS BASED ON THE FOLLOWING POINTS OF REFERENCE:

N. LAWE STREET: LAWSBURGH PLAT, BATEMAN'S ADDITION TO THE CITY OF APPLETON, CSM 7338.

E. WASHINGTON STREET: LAWSBURGH PLAT, CSM 7338.

E. FRANKLIN STREET: LAWSBURGH PLAT.

E. ELDORADO STREET: LAWSBURGH PLAT.

E. NORTH STREET: LAWSBURGH PLAT, BATEMAN'S ADDITION TO THE CITY OF APPLETON.

FOR ADDITIONAL INFORMATION REFER TO THE TITLE SHEET, RECORDED AS SHEET 2 OF 3.

SHEET LOCATION



UTILITY INTERESTS REQUIRED

UTILITY NO.	OWNER	INTEREST REQUIRED
100	AT&T	RELEASE OF RIGHTS

100 AT&T
NO EASEMENT OF RECORD - PARCEL 1

I, JACOB S. JENSEN, PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE CITY OF APPLETON I HAVE SURVEYED AND MAPPED THIS TRANSPORTATION PROJECT PLAT AND SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

SIGNATURE: _____ DATE: 11/07/2024

PRINT NAME: JACOB S. JENSEN

REGISTRATION NUMBER: S-2961

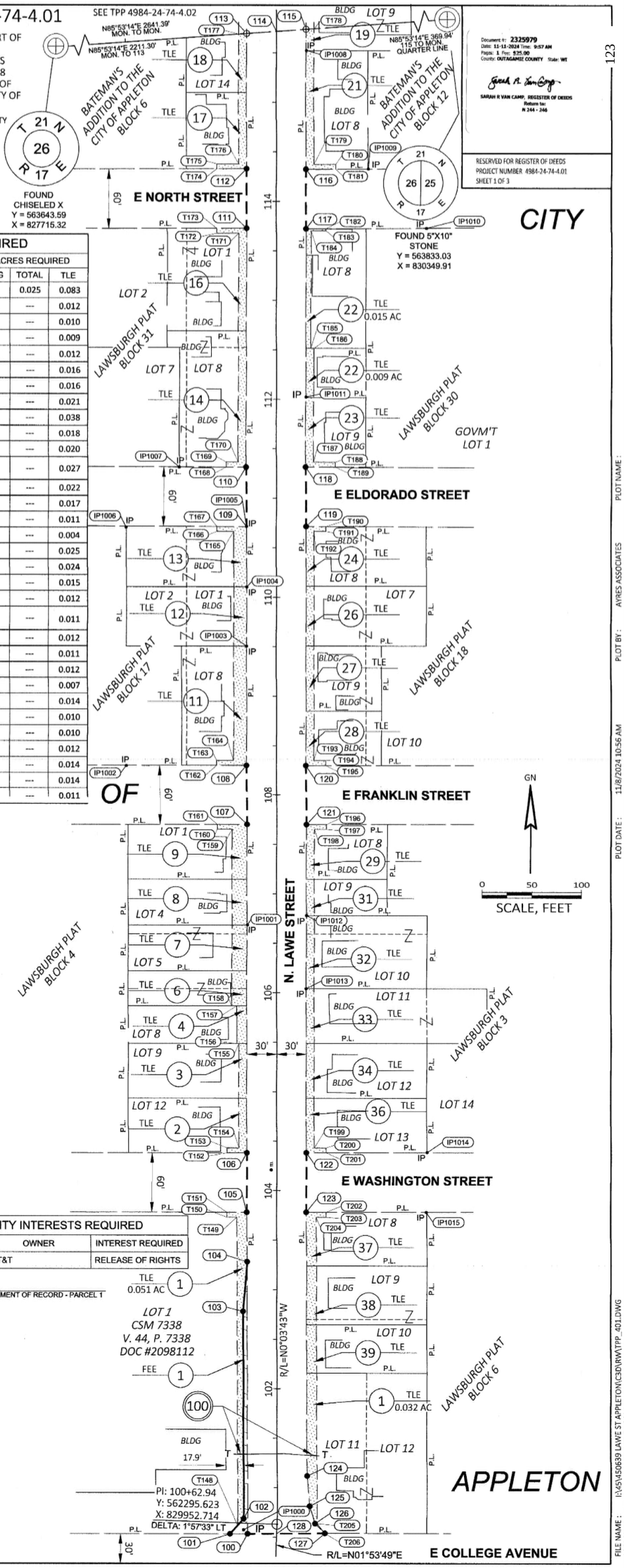
WISCONSIN JACOB S. JENSEN S-2961 ASHWAUBENON, WI LAND SURVEYOR

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE CITY OF APPLETON

SIGNATURE: _____ DATE: 11/11/24

PRINT NAME: MARK A. LAHAY - ASSISTANT CITY ENGINEER

AYRES



Document #: 2325979
Date: 11-12-2024 Time: 9:57 AM
Pages: 1 Fee: $25.00
County: OUTAGAMIE COUNTY State: WI
SARAH R VAN CAMP, REGISTER OF DEEDS
Return to: N 244 - 246

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 4984-24-74-4.01
SHEET 1 OF 3

123

4984-24-74-4.01

PLOT NAME : AYRES ASSOCIATES

PLOT BY : 11/8/2024 10:56 AM

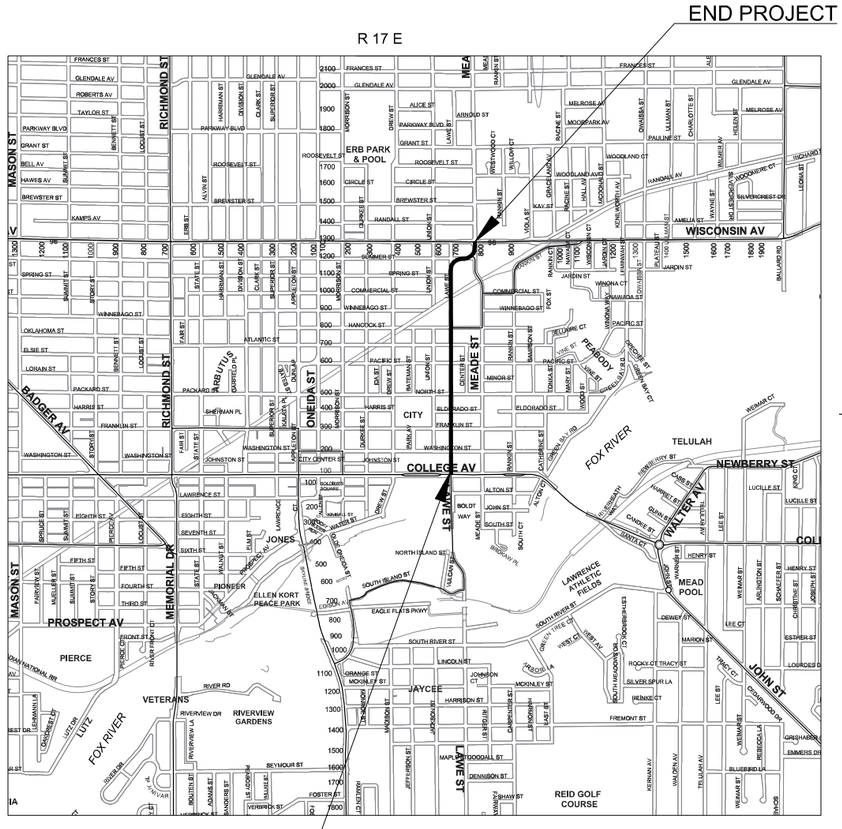
PLOT DATE :

FILE NAME : I:\45\450639 LAWE ST APPLETON\C3D\RWTPP_401.DWG
APPRAISAL PLAT DATE : NOVEMBER 7, 2024



CITY OF APPLETON
TRANSPORTATION PROJECT PLAT TITLE SHEET
4984-24-74-4.01
C APPLETON, LAWE STREET
COLLEGE AVENUE TO WISCONSIN AVENUE

OUTAGAMIE COUNTY



CONVENTIONAL SYMBOLS

SECTION LINE
QUARTER LINE
SIXTEENTH LINE
NEW REFERENCE LINE
NEW R/W LINE
EXISTING R/W OR HE LINE
PROPERTY LINE
LOT, TIE & OTHER MINOR LINES
SLOPE INTERCEPT
CORPORATE LIMITS
UNDERGROUND FACILITY (COMMUNICATIONS, ELECTRIC, ETC)
NEW R/W (FEE OR HE) (HATCHING VARIES BY OWNER)
TEMPORARY LIMITED EASEMENT AREA
EASEMENT AREA (PERMANENT LIMITED OR RESTRICTED DEVELOPMENT)
TRANSMISSION STRUCTURES
BUILDING TO BE REMOVED
BRIDGE CULVERT

SECTION CORNER SYMBOL
SECTION CORNER MONUMENT
GEODETIC SURVEY MONUMENT
SIXTEENTH CORNER MONUMENT
SIGN
R/W MONUMENT (TO BE SET)
NON-MONUMENTED R/W POINT
FOUND IRON PIN (1-INCH UNLESS NOTED)
OFF-PREMISE SIGN
PARCEL NUMBER 25
UTILITY NUMBER 40
PARALLEL OFFSETS

	COMPENSABLE	NON-COMPENSABLE
ELECTRIC POLE	■	□
TELEPHONE POLE	●	○
PEDESTAL (LABEL TYPE) (TV, TEL, ELEC, ETC.)	⧓	⧒

ACCESS RESTRICTED BY ACQUISITION
NO ACCESS (BY STATUTORY AUTHORITY)
ACCESS RESTRICTED (BY PREVIOUS PROJECT OR CONTROL)
NO ACCESS (NEW HIGHWAY)

CONVENTIONAL ABBREVIATIONS

ACCESS RIGHTS	AR	POINT OF COMPOUND CURVE	PCC
ACRES	AC	POINT OF INTERSECTION	PI
AHEAD	AH	PROPERTY LINE	PL
ALUMINUM	ALUM	RECORDED AS	(100')
AND OTHERS	ET AL	REEL / IMAGE	R/I
BACK	BK	REFERENCE LINE	R/L
BLOCK	BLK	REMAINING	REM
CENTERLINE	C/L	RESTRICTIVE DEVELOPMENT EASEMENT	RDE
CERTIFIED SURVEY MAP	CSM	RIGHT	RT
CONCRETE	CONC	RIGHT OF WAY	R/W
COUNTY	CO	SECTION	SEC
COUNTY TRUNK HIGHWAY	CTH	SEPTIC VENT	SEPV
DISTANCE	DIST	SQUARE FEET	SF
CORNER	COR	STATE TRUNK HIGHWAY	STH
DOCUMENT NUMBER	DOC	STATION	STA
EASEMENT	EASE	TELEPHONE PEDESTAL	TP
EXISTING	EX	TEMPORARY LIMITED EASEMENT	TLE
GAS VALVE	GV	TRANSPORTATION PROJECT PLAT	TPP
GRID NORTH	GN	UNITED STATES HIGHWAY	USH
HIGHWAY EASEMENT	HE	VOLUME	V
IDENTIFICATION	ID		
LAND CONTRACT	LC		
LEFT	LT		
MONUMENT	MON		
NATIONAL GEODETIC SURVEY	NGS		
NUMBER	NO		
OUTLOT	OL		
PAGE	P		
POINT OF TANGENCY	PT		
PERMANENT LIMITED EASEMENT	PLE		
POINT OF BEGINNING	POB		
POINT OF CURVATURE	PC		

CURVE DATA ABBREVIATIONS

LONG CHORD	LCH
LONG CHORD BEARING	LCB
RADIUS	R
DEGREE OF CURVE	D
CENTRAL ANGLE	Δ /DELTA
LENGTH OF CURVE	L
TANGENT	T
DIRECTION AHEAD	DA
DIRECTION BACK	DB

CONVENTIONAL UTILITY SYMBOLS

WATER	W
GAS	G
TELEPHONE	T
OVERHEAD TRANSMISSION LINES	OH
ELECTRIC	E
CABLE TELEVISION	TV
FIBER OPTIC	FO
SANITARY SEWER	SAN
STORM SEWER	SS
ELECTRIC TOWER	⊠

THE NOTES, CONVENTIONAL SIGNS, AND ABBREVIATIONS ARE ASSOCIATED WITH EACH TRANSPORTATION PROJECT PLAT FOR PROJECT 4984-24-74.

NOTES:

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), OUTAGAMIE COUNTY, NAD83(2011), IN U.S. SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

ALL NEW RIGHT-OF-WAY MONUMENTS WILL BE TYPE 2 (TYPICALLY ¾" X 24" IRON REBARS), UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

RIGHT-OF-WAY BOUNDARIES ARE DEFINED WITH COURSES OF THE PERIMETER OF THE HIGHWAY LANDS REFERENCED TO THE U.S. PUBLIC LAND SURVEY SYSTEM OR OTHER "SURVEYS" OF PUBLIC RECORD.

FOUND MONUMENT INFORMATION SHOWN REPRESENTS TYPE AND LOCATION OF EXISTING MONUMENTS WITHOUT OPINION AS TO THEIR VALIDITY AND USE AS A PROPERTY CORNER.

DIMENSIONING FOR THE NEW RIGHT-OF-WAY IS MEASURED ALONG AND PERPENDICULAR TO THE NEW REFERENCE LINES.

A TEMPORARY LIMITED EASEMENT (TLE) IS A RIGHT FOR CONSTRUCTION PURPOSES, AS DEFINED HEREIN, INCLUDING THE RIGHT TO OPERATE NECESSARY EQUIPMENT THEREON, THE RIGHT OF INGRESS AND EGRESS, AS LONG AS REQUIRED FOR SUCH PUBLIC PURPOSE, INCLUDING THE RIGHT TO PRESERVE, PROTECT, REMOVE, OR PLANT THEREON ANY VEGETATION THAT THE HIGHWAY AUTHORITIES MAY DEEM DESIRABLE. ALL (TLES) ON THIS PLAT EXPIRE AT THE COMPLETION OF THE CONSTRUCTION PROJECT FOR WHICH THIS INSTRUMENT IS GIVEN.

A PERMANENT LIMITED EASEMENT (PLE) IS A RIGHT FOR CONSTRUCTION AND MAINTENANCE PURPOSES, AS DEFINED HEREIN, INCLUDING THE RIGHT TO OPERATE NECESSARY EQUIPMENT THEREON AND THE RIGHT OF INGRESS AND EGRESS, AS LONG AS REQUIRED FOR SUCH PUBLIC PURPOSE, INCLUDING THE RIGHT TO PRESERVE, PROTECT, REMOVE, OR PLAN THEREON ANY VEGETATION THAT THE HIGHWAY AUTHORITIES MAY DEEM DESIRABLE, BUT WITHOUT PREJUDICE TO THE OWNERS'S RIGHTS TO MAKE OR CONSTRUCT IMPROVEMENTS ON SAID LANDS OR TO FLATTEN THE SLOPES, PROVIDING SAID ACTIVITIES WILL NOT IMPAIR OR OTHERWISE ADVERSELY AFFECT THE HIGHWAY FACILITIES. PLE'S ARE FOR MUNICIPAL UTILITY PURPOSES AND ARE NON-MONUMENTED.

AN EASEMENT FOR HIGHWAY PURPOSES (HE), AS LONG AS SO USED, INCLUDING THE RIGHT TO PRESERVE, PROTECT, REMOVE, OR PLANT THEREON ANY VEGETATION THAT THE HIGHWAY AUTHORITIES MAY DEEM DESIRABLE.

PROPERTY LINES SHOWN ON THIS PLAT FOR PROPERTIES BEING IMPACTED ARE DRAWN FROM DATA DERIVED FROM FILED/RECORDED MAPS AND DOCUMENTS OF PUBLIC RECORD AND/OR EXISTING OCCUPATIONAL LINES. THIS PLAT MAY NOT BE A TRUE REPRESENTATION OF EXISTING PROPERTY LINES, EXCLUDING RIGHT-OF-WAY, AND SHOULD NOT BE USED AS A SUBSTITUTE FOR AN ACCURATE FIELD SURVEY.

ALL RIGHT-OF-WAY LINES DEPICTED IN THE NON-ACQUISITION AREAS ARE INTENDED TO RE-ESTABLISH EXISTING RIGHT-OF-WAY LINES AS DETERMINED FROM PREVIOUS PROJECTS, OTHER RECORDED DOCUMENTS, CENTERLINE OF EXISTING PAVEMENTS AND/OR EXISTING OCCUPATIONAL LINES.

FOR CURRENT ACCESS/DRIVEWAY INFORMATION, CONTACT THE CITY OF APPLETON.

PARCEL AND UTILITY IDENTIFICATION NUMBERS MAY NOT POINT TO ALL AREAS OF ACQUISITION, AS NOTED ON THE TPP DETAIL PAGES.

INFORMATION FOR THE BASIS OF EXISTING HIGHWAY RIGHT-OF-WAY POINTS OF REFERENCE AND ACCESS CONTROL ARE LISTED ON THE TPP DETAIL PAGES.

4

PROJECT NUMBER 4984-24-74- -4. 01
SHEET 2 OF 3

FILE NAME : I:\45\450639 LAWE ST APPLETON\C3D\RW\TPP_401.DWG
LAYOUT NAME: 0400
PLOT DATE : 11/7/2024 2:26 PM
PLOT BY : AYRES ASSOCIATES
PLOT NAME :

TRANSPORTATION PROJECT PLAT NO: 4984-24-74-4.01
EXTENSION SHEET

RELOCATION ORDER - N LAWE STREET, COLLEGE AVE TO WISCONSIN AVENUE, OUTAGAMIE COUNTY

4

TLE STATION & OFFSET TABLE		
POINT	STATION	OFFSET
148	100+60.49	39.67' LT
149	103+73.23	40.06' LT
150	103+73.25	50.06' LT
151	103+78.25	50.07' LT
152	104+38.25	50.26' LT
153	104+43.25	50.26' LT
154	104+43.23	38.26' LT
155	105+48.82	38.16' LT
156	105+48.82	40.16' LT
157	105+86.82	40.12' LT
158	105+86.83	45.12' LT
159	107+65.18	44.96' LT
160	107+65.18	59.96' LT
161	107+70.18	59.95' LT
162	108+30.18	60.15' LT
163	108+35.18	60.15' LT
164	108+35.18	43.15' LT
165	110+66.48	42.86' LT
166	110+66.55	59.86' LT
167	110+71.55	59.85' LT
168	111+31.51	50.68' LT
169	111+36.51	50.66' LT
170	111+36.46	38.66' LT
171	113+67.89	37.98' LT
172	113+67.85	59.98' LT
173	113+72.85	59.97' LT
174	114+32.85	60.19' LT
175	114+37.85	60.19' LT
176	114+37.89	38.19' LT
177	115+68.97	38.16' LT

TLE STATION & OFFSET TABLE		
POINT	STATION	OFFSET
178	115+74.35	37.84' RT
179	114+37.34	37.81' RT
180	114+37.45	59.81' RT
181	114+32.45	59.81' RT
182	113+72.40	50.03' RT
183	113+70.40	50.03' RT
184	113+70.33	35.03' RT
185	112+51.55	34.73' RT
186	112+51.54	37.68' RT
187	111+36.49	37.34' RT
188	111+36.39	59.34' RT
189	111+31.39	59.32' RT
190	110+71.43	50.15' RT
191	110+66.43	50.14' RT
192	110+66.49	38.14' RT
193	108+35.03	37.85' RT
194	108+35.02	49.85' RT
195	108+30.02	49.85' RT
196	107+70.02	50.05' RT
197	107+65.02	50.04' RT
198	107+65.03	38.04' RT
199	104+43.24	37.74' RT
200	104+43.23	49.74' RT
201	104+38.23	49.74' RT
202	103+78.23	49.93' RT
203	103+73.23	49.94' RT
204	103+73.24	39.94' RT
205	100+63.57	40.27' RT
206	100+55.39	48.56' RT

STATION & OFFSET TABLE		
POINT	STATION	OFFSET
100	100+52.30	29.37' LT
101	100+51.72	47.00' LT
102	100+68.54	33.73' LT
103	102+78.22	33.96' LT
104	103+28.21	30.01' LT
105	103+78.21	30.07' LT
106	104+38.21	30.26' LT
107	107+70.18	29.95' LT
108	108+30.18	30.15' LT
109	110+71.42	29.85' LT
110	111+31.43	30.68' LT
111	113+72.90	29.97' LT
112	114+32.90	30.19' LT
113	115+69.54	30.16' LT
114	115+71.67	0.00'

STATION & OFFSET TABLE		
POINT	STATION	OFFSET
115	115+73.79	29.84' RT
116	114+32.30	29.81' RT
117	113+72.30	30.03' RT
118	111+31.53	29.32' RT
119	110+71.53	30.15' RT
120	108+30.03	29.85' RT
121	107+70.03	30.05' RT
122	104+38.25	29.74' RT
123	103+78.25	29.93' RT
124	101+11.90	30.22' RT
125	100+81.07	32.72' RT
126	100+63.57	38.44' RT
127	100+55.39	48.56' RT
128	100+53.47	0.00'

EXISTING PIPES POINT TABLE			
POINT NAME	Y	X	DESCRIPTION
1000	562290.072	829918.917	1" IRON PIPE
1001	562901.311	829922.386	1" IRON PIPE
1002	563062.557	829800.517	1" IRON PIPE
1003	563183.256	829921.784	1" IRON PIPE
1004	563243.050	829921.750	1" IRON PIPE
1005	563304.206	829921.696	1" IRON PIPE
1006	563303.384	829800.189	1" IRON PIPE
1007	563364.019	829853.458	1" IRON PIPE
1008	563785.188	829981.437	1" IRON PIPE
1009	563665.580	830043.917	1" IRON PIPE
1010	563605.671	830102.802	1" IRON PIPE
1011	563435.115	829981.364	1" IRON PIPE
1012	562910.830	829982.055	1" IRON PIPE
1013	562836.886	829982.103	1" IRON PIPE
1014	562671.316	830103.768	1" IRON PIPE
1015	562610.963	830103.344	1" IRON PIPE

R/W COURSE TABLE		
COURSE	BEARING	DISTANCE
100-101	S89° 59' 39"W	17.64'
101-102	N41° 47' 16"E	20.42'
102-103	N00° 07' 23"W	209.68'
103-104	N04° 27' 07"E	50.15'
104-105	N00° 07' 23"W	50.00'
105-106	N00° 14' 58"W	60.00'
106-107	N00° 00' 32"W	331.96'
107-108	N00° 15' 11"W	60.00'
108-109	N00° 00' 33"E	241.25'
109-110	N00° 50' 53"W	60.01'
110-111	N00° 06' 24"E	241.47'
111-112	N00° 16' 53"W	60.00'
112-113	N00° 02' 50"W	136.64'
113-114	N85° 53' 14"E	30.23'
114-115	N85° 53' 14"E	29.92'
115-116	S00° 02' 50"E	141.49'
116-117	S00° 16' 48"E	60.00'
117-118	S00° 06' 24"W	240.77'
118-119	S00° 50' 51"E	60.01'
119-120	S00° 00' 33"W	241.50'
120-121	S00° 15' 11"E	60.00'
121-122	S00° 00' 32"E	331.78'
122-123	S00° 14' 58"E	60.00'
123-124	S00° 07' 23"E	266.35'
124-125	S04° 41' 35"E	30.93'
125-126	S18° 10' 11"E	18.41'
126-127	S45° 04' 45"E	13.91'
127-128	S89° 37' 45"W	48.60'
128-100	S89° 37' 45"W	29.40'

4

PROJECT NUMBER 24984-24-74-4.01
SHEET 3 OF 3

FILE NAME : I:\45\450639 LAWE ST APPLETON\C3D\RW\TPP_401.DWG
APPRAISAL PLAT DATE : NOVEMBER 7, 2024

PLOT DATE : 11/7/2024 2:26 PM PLOT BY : TACKMIER, JILL PLOT NAME :

TRANSPORTATION PROJECT PLAT NO: 4984-24-74-4.02 AMENDMENT NO. 1

ADDS PARCEL 65 AND AMENDS PARCEL 64 OF TRANSPORTATION PROJECT PLAT 4984-24-74-4.02 RECORDED AS DOCUMENT NUMBER 2326673.
THAT PART OF LOTS 1, 4-5, 8-9, BLOCK 6, PART OF LOTS 1, 4-5, AND 8, BLOCK 1, PART OF LOTS 5-8, BLOCK 11, AND PART OF LOTS 9-14, BLOVCK 12, ALL IN BATEMAN'S ADDITION TO THE CITY OF APPLETON, PART OF LOTS 1 AND 8, BLOCK 7, AND PART OF LOTS 1, 6-7, BLOCK 10, ALL IN BATEMAN'S SECOND ADDITION TO THE CITY OF APPLETON. PART OF LOTS 1-2, AND 11, BLOCK 67, HARRIMAN'S LAWSBURG PLAT, IN PART OF THE SOUTHEAST 1/4 OF THE NORTHEAST 1/4 OF SECTION 26, IN TOWNSHIP 21 NORTH, RANGE 17 EAST, CITY OF APPLETON, OUTAGAMIE COUNTY, WISCONSIN

RELOCATION ORDER - N LAWE STREET, COLLEGE AVE TO WISCONSIN AVENUE, OUTAGAMIE COUNTY

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE CITY OF APPLETON DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 62.22, WISCONSIN STATUTES, THE CITY OF APPLETON HEREBY ORDERS THAT:
1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE CITY FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE CITY OF APPLETON, PURSUANT TO THE PROVISIONS OF SECTION 62.22, WISCONSIN STATUTES.

Document #: 2350186
Date: 10-23-2025 Time: 1:47 PM
Pages: 2 Fee: $25.00
County: OUTAGAMIE COUNTY State: WI
SARAH R VAN CAMP, REGISTER OF DEEDS
Return via RETURN TO FILE
CABINET K, PAGE 299

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 4984-24-74-4.02
AMENDMENT NO. 1
SHEET 1 OF 2

SCHEDULE OF LANDS & INTERESTS REQUIRED

PARCEL NUMBER	OWNER(S)	INTEREST(S) REQUIRED	R/W ACRES REQUIRED			
			NEW	EXISTING	TOTAL	TLE
19	JASON PAUL MARIER	TLE	---	---	---	0.007
41	SUSAN K. BURROUGHS	TLE	---	---	---	0.012
42	SCOTT J. VANDENBOOGARD	TLE	---	---	---	0.017
43	JEFFREY C. BABLER & LAURA J. IDOL	TLE	---	---	---	0.011
44	ANDREAS PETANITIS & SARA ATHENS	TLE	---	---	---	0.011
46	RAYMOND L. & JANE K. FORLER	TLE	---	---	---	0.019
47	DERECK JORDAN	TLE	---	---	---	0.017
48	COCO VIE LLC	TLE	---	---	---	0.017
49	WALTER E. BROWN	TLE	---	---	---	0.009
51	ZACHARY SNELL & NICOLE MOLZAHN	TLE	---	---	---	0.012
52	RICHARD L. REETZ REVOCABLE TRUST DATED MARCH 2, 1989	TLE	---	---	---	0.014
53	PILLARS, INC.	TLE	---	---	---	0.034
54	MACH IV HOLDINGS, LLC	TLE	---	---	---	0.011
56	VALLEYCAST, INC	TLE	---	---	---	0.029
57	WOOD BROWN, LLC	FEE & TLE	0.011	---	0.011	0.023
58	MELANIE A. MALM	TLE	---	---	---	0.011
59	DUANE VERSTEGEN	TLE	---	---	---	0.009
61	PENNTEX PROPERTIES	TLE	---	---	---	0.016
62	DUAINE M. & KIM J. SEIDLER	TLE	---	---	---	0.014
63	MATTHEW S. KRICKEBERG & MARGARET D. ALFREY	TLE	---	---	---	0.012
64	NEIGHBORHOOD INVESTMENTS LLC	TLE	---	---	---	0.014
65	NEW MOON INVESTMENTS LLC	TLE	---	---	---	0.012
66	LUKE J. JACOBS	TLE	---	---	---	0.011
67	DAVID L. & JULIE A. NEELY, REVOCABLE TRUST DATED MARCH 3, 2021	TLE	---	---	---	0.011
68	JAMES P. JACOBS & PATRICIA J. PUTMAN JACOBS	TLE	---	---	---	0.013
69	MIRANDA A. OTTE	TLE	---	---	---	0.012
71	AMANDA J. BANGART	TLE	---	---	---	0.008

OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE CITY OF APPLETON.
PURPOSE OF ALL TLE'S ARE FOR GRADING, UNLESS NOTED.

NOTES:

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), OUTAGAMIE COUNTY, NAD83(2011). IN U.S. SURVEY FEET. VALUES ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

ALL NEW RIGHT-OF-WAY MONUMENTS WILL BE TYPE 2 (TYPICALLY ¾" X 24" IRON REBARS), UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

FOR CURRENT ACCESS/DRIVEWAY INFORMATION, CONTACT THE CITY OF APPLETON.

ALL FOUND MONUMENT INFORMATION SHOWN REPRESENTS TYPE AND LOCATION OF EXISTING MONUMENTS WITHOUT OPINION AS TO THEIR VALIDITY AND USE AS A PROPERTY CORNER.

EXISTING HIGHWAY RIGHT-OF-WAY SHOWN HEREIN IS BASED ON THE FOLLOWING POINTS OF REFERENCE:

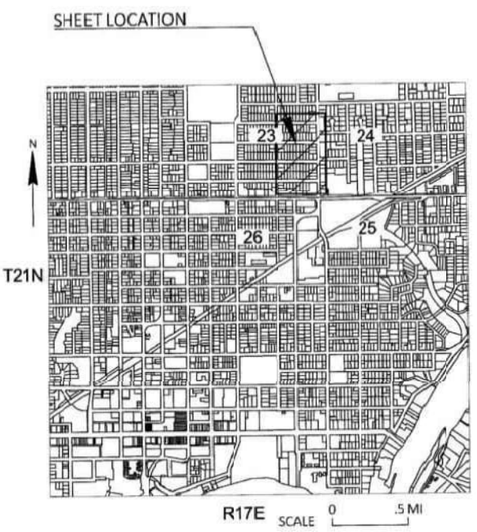
N LAWE STREET: BATEMAN'S ADDITION TO THE CITY OF APPLETON, BATEMAN'S SECOND ADDITION TO THE CITY OF APPLETON AND HARRIMAN'S LAWSBURG PLAT.

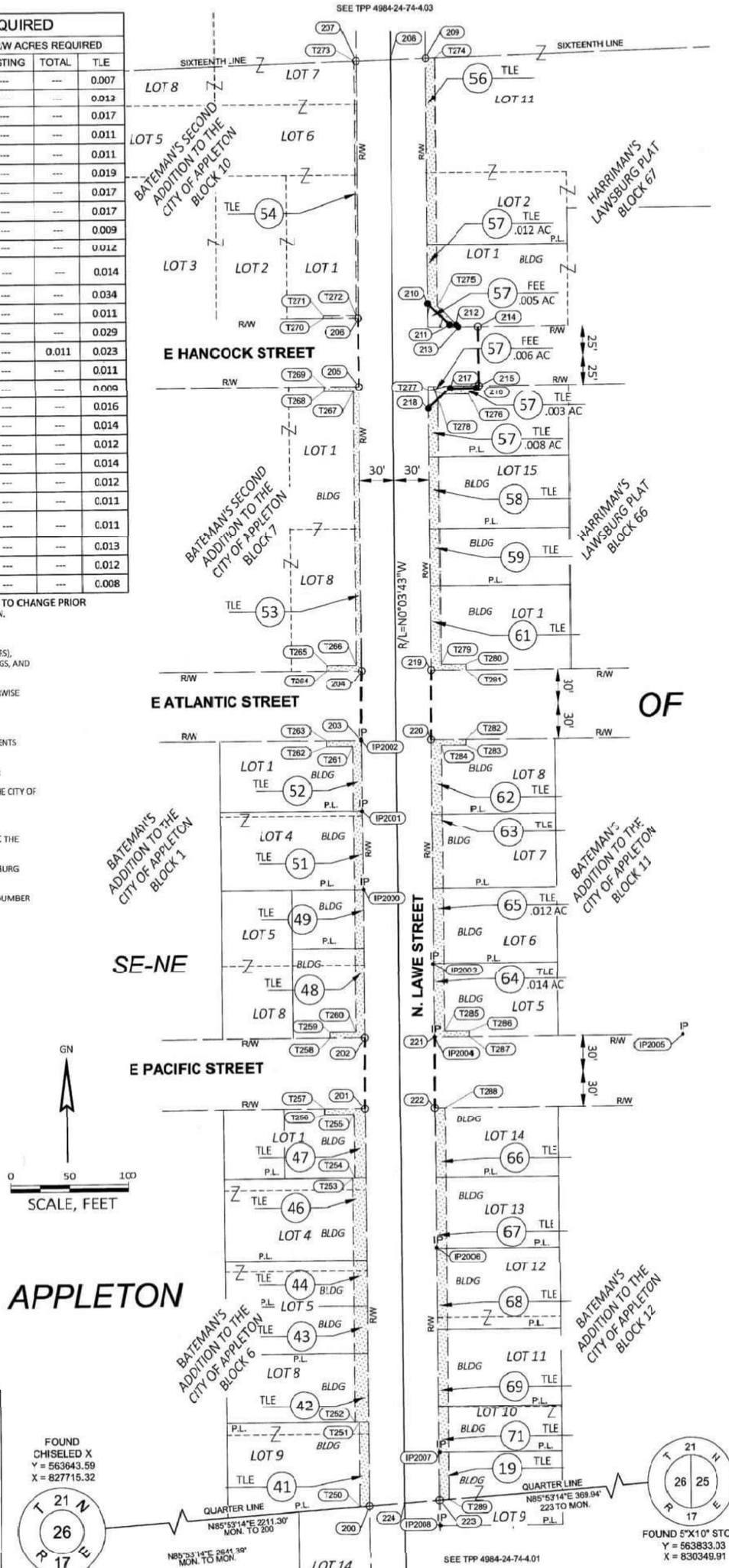
E PACIFIC STREET: BATEMAN'S ADDITION TO THE CITY OF APPLETON.

E ATLANTIC STREET: BATEMAN'S ADDITION TO THE CITY OF APPLETON, BATEMAN'S SECOND ADDITION TO THE CITY OF APPLETON AND HARRIMAN'S LAWSBURG PLAT.

E HANCOCK STREET: BATEMAN'S SECOND ADDITION TO THE CITY OF APPLETON AND HARRIMAN'S LAWSBURG PLAT.

FOR ADDITIONAL INFORMATION REFER TO THE TITLE SHEET, RECORDED AS SHEET 2 OF 3 OF DOCUMENT NUMBER 2325979.





I, JACOB S. JENSEN, PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE CITY OF APPLETON I HAVE SURVEYED AND MAPPED THIS TRANSPORTATION PROJECT PLAT AND SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

WISCONSIN JACOB S. JENSEN S-2961 ASHWAUBENON, WI LAND SURVEYOR

SIGNATURE: _____ DATE: 10/22/2025
PRINT NAME: JACOB S. JENSEN
REGISTRATION NUMBER: S-2961

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE CITY OF APPLETON.
SIGNATURE: _____ DATE: 10/23/25
PRINT NAME: MARK A. LAHAY - ASSISTANT CITY ENGINEER

AYRES

4984-24-74-4.02
126
PLOT NAME:
PLOT BY: AYRES ASSOCIATES
PLOT DATE: 10/22/2025 2:06 PM
FILE NAME: I:\45\450639.LAWE ST APPLETON\C3D\RW\TPP_402_AMENDMENT 1.DWG
APPRAISAL PLAT DATE: NOVEMBER 12, 2024

TRANSPORTATION PROJECT PLAT NO: 4984-24-74-4.02 AMENDMENT NO. 1
EXTENSION SHEET

RELOCATION ORDER - N LAWE STREET, COLLEGE AVE TO WISCONSIN AVENUE, OUTAGAMIE COUNTY

4

R/W COURSE TABLE		
COURSE	BEARING	DISTANCE
200-201	N00°02'50"W	341.13'
201-202	N00°23'28"E	60.00'
202-203	N00°08'55"W	255.40'
203-204	N00°28'30"E	60.00'
204-205	N00°04'36"W	243.79'
205-206	N00°04'36"W	58.00'
206-207	N00°04'36"W	220.52'
207-208	N88°09'23"E	29.57'
208-209	N88°09'23"E	30.46'
209-210	S00°04'36"E	210.66'
210-211	S45°12'50"E	25.40'
211-212	N89°38'57"E	5.96'

R/W COURSE TABLE		
COURSE	BEARING	DISTANCE
212-213	S45°00'00"E	2.81'
213-214	N89°38'57"E	16.21'
214-215	S00°21'03"E	50.00'
215-216	S45°00'00"W	2.85'
216-217	S89°38'57"W	22.38'
217-218	S44°47'10"W	25.52'
218-219	S00°04'36"E	223.22'
219-220	S00°28'31"W	60.00'
220-221	S00°08'55"E	255.70'
221-222	S00°23'28"W	60.00'
222-223	S00°02'50"E	336.88'
223-224	S85°53'14"W	29.92'
224-200	S85°53'14"W	30.23'

R/W STATION & OFFSET TABLE		
POINT	STATION	OFFSET
200	115+69.54	30.16' LT
201	119+10.67	30.07' LT
202	119+70.67	29.60' LT
203	122+26.07	29.98' LT
204	122+86.07	29.42' LT
205	125+29.86	29.48' LT
206	125+87.86	29.50' LT
207	128+08.38	29.55' LT
208	128+09.30	0.00'
209	128+10.24	30.45' RT
210	125+99.59	30.50' RT
211	125+81.68	48.50' RT
212	125+81.71	54.47' RT

R/W STATION & OFFSET TABLE		
POINT	STATION	OFFSET
213	125+79.72	56.45' RT
214	125+79.80	72.66' RT
215	125+29.80	72.91' RT
216	125+27.79	70.90' RT
217	125+27.68	48.52' RT
218	125+09.58	30.52' RT
219	122+86.36	30.58' RT
220	122+26.36	30.02' RT
221	119+70.67	30.40' RT
222	119+10.67	29.93' RT
223	115+73.79	29.84' RT
224	115+71.67	0.00'

TLE STATION & OFFSET TABLE		
POINT	STATION	OFFSET
250	115+68.97	38.16' LT
251	116+40.67	38.14' LT
252	116+40.67	42.14' LT
253	118+50.67	42.09' LT
254	118+50.67	40.09' LT
255	119+05.67	40.07' LT
256	119+05.68	65.07' LT
257	119+10.67	65.07' LT
258	119+70.67	59.60' LT
259	119+75.67	59.60' LT
260	119+75.67	37.60' LT
261	122+21.09	37.97' LT
262	122+21.15	59.97' LT
263	122+26.15	59.98' LT
264	122+86.14	59.42' LT
265	122+91.14	59.42' LT
266	122+91.08	34.42' LT
267	125+24.86	34.48' LT
268	125+24.91	59.48' LT
269	125+29.91	59.48' LT

TLE STATION & OFFSET TABLE		
POINT	STATION	OFFSET
270	125+87.91	59.50' LT
271	125+89.91	59.50' LT
272	125+89.86	31.50' LT
273	128+08.31	31.55' LT
274	128+10.49	38.45' RT
275	125+97.71	38.50' RT
276	125+21.76	64.95' RT
277	125+21.65	42.52' RT
278	125+17.63	38.52' RT
279	122+91.36	38.58' RT
280	122+91.35	60.58' RT
281	122+86.35	60.58' RT
282	122+26.35	60.02' RT
283	122+21.35	60.03' RT
284	122+21.36	38.03' RT
285	119+75.67	38.40' RT
286	119+75.67	60.40' RT
287	119+70.67	60.40' RT
288	119+10.67	37.93' RT
289	115+74.35	37.84' RT

EXISTING IRON POINT TABLE			
POINT NAME	Y COORDS	X COORDS	DESCRIPTION
2000	564330.965	829920.879	FD 1"IRON PIPE
2001	564398.794	829920.587	FD 1"IRON PIPE
2002	564458.714	829920.389	FD 1"IRON PIPE
2003	564267.158	829980.143	FD 1"IRON PIPE
2004	564203.381	829981.051	FD 1"IRON PIPE
2005	564203.801	830193.891	FD 1"IRON PIPE
2006	564023.618	829980.688	FD 1"IRON PIPE
2007	563847.101	829981.371	FD 1"IRON PIPE
2008	563785.188	829981.437	FD 1"IRON PIPE

4

PROJECT NUMBER 4984-24-74-4.02
AMENDMENT NO. 1
SHEET 2 OF 2

FILE NAME : I:\45\450639 LAWE ST APPLETON\C3D\RW\TPP_402_AMENDMENT 1.DWG
APPRAISAL PLAT DATE : NOVEMBER 12, 2024

PLOT DATE : 10/22/2025 2:07 PM PLOT BY : JENSEN, JACOB PLOT NAME :

TRANSPORTATION PROJECT PLAT NO: 4984-24-74-4.03

THAT PART OF LOTS 7, 10-12, BLOCK 10 OF BATEMEN'S SECOND ADDITION TO THE CITY OF APPLETON, PART OF LOTS 3-5, BLOCK 15, PART OF LOTS 1 AND 3, BLOCK 5, PART OF LOT 4, BLOCK 3, ALL OF HERMAN ERB'S ADDITION TO APPLETON, PART OF LOTS 10 AND 11, BLOCK 67 OF HARRIMAN'S LAWSBURG PLAT, PART OF LOTS 1-4, BLOCK 3, PART OF LOT 12, BLOCK 2, AND PART OF VACATED SPRING STREET OF JOHNSONS ADDITION TO APPLETON, ALL BEING PART OF THE NORTHEAST 1/4 OF THE NORTHEAST 1/4 OF SECTION 26, IN TOWNSHIP 21 NORTH, RANGE 17 EAST, CITY OF APPLETON, OUTAGAMIE COUNTY, WISCONSIN

RELOCATION ORDER - N LAWE STREET, COLLEGE AVE TO WISCONSIN AVENUE, OUTAGAMIE COUNTY

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE CITY OF APPLETON DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 62.22, WISCONSIN STATUTES, THE CITY OF APPLETON HEREBY ORDERS THAT:

1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE DEPARTMENT FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE CITY OF APPLETON, PURSUANT TO THE PROVISIONS OF SECTION 62.22, WISCONSIN STATUTES.

FOUND BRASS CAP MONUMENT
Y = 566295.030
X = 827669.270

FOUND BRASS CAP MONUMENT
Y = 566277.42
X = 830372.98

Document #: 2325674
Date: 11-19-2024 Time: 3:08 PM
Pages: 3 Fee: $25.00
County: OUTAGAMIE COUNTY State: WI

SARAH R VAN CAMP REGISTER OF DEEDS
Return via RETURN TO FTSE
CABINET N, PAGES 249-250

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 4984-24-74-4.03
SHEET 1 OF 2

128

4984-24-74-4.03

SCHEDULE OF LANDS & INTERESTS REQUIRED

PARCEL NUMBER	OWNER(S)	INTEREST(S) REQUIRED	R/W ACRES REQUIRED				
			NEW	EXISTING	TOTAL	PLE	TLE
54	MACH IV HOLDINGS, LLC	TLE	---	---	---	---	0.034
55	VALLEYCAST, INC	TLE	---	---	---	---	0.024
72	MARK A. WILSON	PLE & TLE	---	---	---	0.009	0.028
73	SOCORRO AVELLA-LEON	TLE	---	---	---	---	0.014
74	SARAH S. VANCLEVE	TLE	---	---	---	---	0.042
75	GUILLERMO TORRES OCHOA & ADRIANA MONCADA	TLE	---	---	---	---	0.013
77	FNLA FUJI LLC	TLE	---	---	---	---	0.065

CURVE 1
PI STA = 137+57.07
Y = 565989.745
X = 829948.713
DELTA = 90°16'59" RT
D = 30°09'20"
T = 190.94'
L = 299.39'
R = 190.00'
PC STA = 135+66.13
Y = 565798.804
X = 829948.919
PT STA = 138+65.52
Y = 565989.008
X = 830139.652
DB = N00°03'43"W
DA = S89°46'44"E

CURVE 2
PI STA = 140+86.78
Y = 565988.154
X = 830360.917
DELTA = 90°03'55" LT
D = 31°49'52"
T = 180.20'
L = 282.95'
R = 180.00'
PC STA = 139+06.58
Y = 565988.850
X = 830180.713
PT STA = 141+89.53
Y = 566168.359
X = 830361.407
DB = S89°46'44"E
DA = N00°09'21"E

CITY

APPLETON

SUMMER STREET

SPRING STREET

VACATED SPRING STREET

MEADE STREET

N. LAWE STREET

WISCONSIN CENTRAL LTD

SECTION LINE

SIXTEENTH LINE

HERMAN ERB'S ADDITION TO APPLETON BLOCK 3

HERMAN ERB'S ADDITION TO APPLETON BLOCK 5

HERMAN ERB'S ADDITION TO APPLETON BLOCK 15

JOHNSONS ADDITION TO APPLETON BLOCK 1

JOHNSONS ADDITION TO APPLETON BLOCK 2

JOHNSONS ADDITION TO APPLETON BLOCK 3

BATEMAN'S SECOND ADDITION TO THE CITY OF APPLETON BLOCK 10

HARRIMAN'S LAWSBURG PLAT BLOCK 67

N89°37'37"W 2703.77' MON. TO MON. SECTION LINE

N89°37'37"W 2630.93' 322 TO MON.

N89°20'56"E 2730.98' MON. TO MON.

R/L=N00°09'21"E

R/L=S89°46'44"E

R/L=N00°03'43"W

FOUND BRASS CAP MONUMENT
Y = 566308.46
X = 833103.79

GN

0 50 100
SCALE, FEET

NOTES:

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), OUTAGAMIE COUNTY, NAD83(2011), IN U.S. SURVEY FEET. VALUES ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

ALL NEW RIGHT-OF-WAY MONUMENTS WILL BE TYPE 2 (TYPICALLY 3/4" X 24" IRON REBARS), UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

FOR CURRENT ACCESS/DRIVEWAY INFORMATION, CONTACT THE CITY OF APPLETON.

ALL FOUND MONUMENT INFORMATION SHOWN REPRESENTS TYPE AND LOCATION OF EXISTING MONUMENTS WITHOUT OPINION AS TO THEIR VALIDITY AND USE AS A PROPERTY CORNER.

EXISTING HIGHWAY RIGHT-OF-WAY SHOWN HEREIN IS BASED ON THE FOLLOWING POINTS OF REFERENCE:

N. LAWE STREET: BATEMAN'S SECOND ADDITION TO THE CITY OF APPLETON, HARRIMAN'S LAWSBURG PLAT, HERMAN ERB'S ADDITION TO APPLETON, AND JOHNSONS ADDITION TO APPLETON.

SPRING STREET: HERMAN ERB'S ADDITION TO APPLETON.

SUMMER STREET: HERMAN ERB'S ADDITION TO APPLETON, AND JOHNSONS ADDITION TO APPLETON.

MEADE STREET: JOHNSONS ADDITION TO APPLETON.

FOR ADDITIONAL INFORMATION REFER TO THE TITLE SHEET, RECORDED AS SHEET 2 OF 3 IN DOCUMENT NUMBER 2325679.

SHEET LOCATION

T21N

R17E

SCALE 0 .5 MI

SEE TPP 4984-24-74-4.02

I, JACOB S. JENSEN, PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE CITY OF APPLETON I HAVE SURVEYED AND MAPPED THIS TRANSPORTATION PROJECT PLAT AND SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

SIGNATURE: _____ DATE: 11/12/2024
PRINT NAME: JACOB S. JENSEN
REGISTRATION NUMBER: S-2961

WISCONSIN JACOB S. JENSEN S-2961 ASHWAUBENON WI LAND SURVEYOR

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE CITY OF APPLETON

SIGNATURE: _____ DATE: 11/19/24
PRINT NAME: MARK A. LAHAY - ASSISTANT CITY ENGINEER

AYRES

PLOT NAME:
PLOT BY: AYRES ASSOCIATES
PLOT DATE: 11/13/2024 8:53 AM
FILE NAME: I:\4545\50639 LAWE ST APPLETON\CSD\WTIP_403.DWG
APPRAISAL PLAT DATE: NOVEMBER 12, 2024

TRANSPORTATION PROJECT PLAT NO: 4984-24-74-4.03
EXTENSION SHEET

RELOCATION ORDER - N LAWE STREET, COLLEGE AVE TO WISCONSIN AVENUE, OUTAGAMIE COUNTY

4

4

COURSE TABLE		
COURSE	BEARING	DISTANCE
300-301	S00°32'27"W	314.46'
301-302	N89°52'01"W	32.02'
302-303	N89°52'01"W	105.96'
303-3001	SEE CURVE TABLE C1	
3001-3002	N89°54'21"W	28.90'
3002-305	SEE CURVE TABLE C2	
305-306	S00°00'04"E	449.18'
306-307	S00°17'02"E	75.63'
307-308	S00°04'36"E	259.47'
308-309	S88°09'23"W	30.46'
309-310	S88°09'23"W	29.57'
310-311	N00°04'36"W	226.58'
311-312	N00°19'59"W	76.38'
312-324	N00°02'19"E	3.97'
324-327	N00°02'19"E	20.00'

COURSE TABLE		
COURSE	BEARING	DISTANCE
327-313	N00°01'54"E	295.24'
313-314	N00°03'28"W	60.00'
314-315	N00°03'28"W	240.53'
315-316	N00°33'06"E	58.30'
316-317	N89°11'16"E	60.00'
317-318	S89°45'11"E	191.52'
318-319	SEE CURVE TABLE C3	
319-3008	N00°02'47"E	75.58'
3008-321	N33°51'58"W	50.72'
321-322	N00°22'23"E	33.00'
322-323	S89°37'37"E	62.46'
323-300	S89°37'37"E	11.28'

PARCEL 72 PLE TABLE		
COURSE	BEARING	DISTANCE
P324-P325	N89°57'41"W	20.00'
P325-P326	N00°02'19"E	20.00'
P326-P327	S89°57'41"E	20.00'
P327-P324	S00°02'19"W	20.00'

R/W STATION & OFFSET TABLE		
POINT	STATION	OFFSET
300	142+98.62	11.28 ' RT
301	140+40.77	99.21 ' RT
302	140+24.34	78.60 ' RT
303	139+50.73	31.70 ' RT
305	135+99.61	28.06 ' RT
306	131+45.34	30.09 ' RT
307	130+69.71	30.38 ' RT
308	128+10.24	30.45 ' RT
309	128+09.30	0.00 '
310	128+08.38	29.55 ' LT
311	130+34.96	29.61 ' LT
312	131+11.34	29.97 ' LT
313	134+30.55	29.45 ' LT
314	134+90.55	29.44 ' LT
315	136+88.60	84.51 ' LT
316	137+17.26	122.59 ' LT
317	137+47.42	84.61 ' LT
318	138+97.13	33.16 ' LT
319	141+39.93	28.34 ' LT
321	142+65.89	62.59 ' LT
322	142+98.90	62.46 ' LT
323	142+98.66	0.00 '

STATION & OFFSET TABLE		
POINT	STATION	OFFSET
350	135+04.97	30.56 ' RT
351	135+04.97	38.56 ' RT
352	131+49.86	38.09 ' RT
353	130+83.83	55.38 ' RT
354	130+63.83	55.38 ' RT
355	130+49.71	30.39 ' RT
356	129+45.78	30.41 ' RT
357	129+45.88	38.41 ' RT
358	129+27.89	38.42 ' RT
359	129+27.90	30.42 ' RT
360	128+63.79	30.43 ' RT
361	128+63.80	38.43 ' RT
362	128+10.49	38.45 ' RT
363	128+08.31	31.55 ' LT
364	129+56.70	31.59 ' LT
365	129+56.69	49.59 ' LT
366	129+99.75	49.60 ' LT

STATION & OFFSET TABLE		
POINT	STATION	OFFSET
367	129+99.75	39.60 ' LT
368	130+29.07	39.61 ' LT
369	130+96.60	55.00 ' LT
370	131+45.35	54.91 ' LT
371	131+45.31	29.91 ' LT
372	132+05.96	29.81 ' LT
373	132+05.95	39.81 ' LT
374	133+22.91	39.60 ' LT
375	133+22.91	44.60 ' LT
376	134+25.57	44.45 ' LT
377	134+25.65	90.19 ' LT
378	134+30.65	90.18 ' LT
379	134+90.63	79.44 ' LT
380	134+98.63	79.44 ' LT
381	134+98.56	37.44 ' LT
382	135+20.56	37.44 ' LT
383	135+20.55	29.44 ' LT

R/W CURVE TABLE				
CURVE	LENGTH	RADIUS	LONG CHORD	LONG CHORD BEARING
C1	58.36'	224.20'	58.20'	S82°38'11"W
C2	226.09'	171.00'	209.98'	S52°12'59"W
C3	199.69'	167.00'	188.00'	N55°59'32"E

EXISTING PIPES POINT TABLE			
POINT NUMBER	Y COORDS	X COORDS	DESCRIPTION
3000	565963.363	830338.167	1" IRON PIPE FOUND
3001	565955.834	830174.308	1" IRON PIPE FOUND
3002	565955.882	830145.408	1" IRON PIPE FOUND
3003	565663.231	829859.049	1" IRON PIPE FOUND
3004	565663.269	829798.245	1" IRON PIPE FOUND
3005	565723.209	829798.144	1" IRON PIPE FOUND
3006	565793.562	829918.872	1" IRON PIPE FOUND
3007	566125.521	830293.476	1" IRON PIPE FOUND
3008	566202.780	830327.295	1" IRON PIPE FOUND
3009	566245.059	830298.921	1" IRON PIPE FOUND

PROJECT NUMBER 24984-24-74-4.03
SHEET 2 OF 2

FILE NAME : I:\45\450639 LAWE ST APPLETON\C3D\RW\TPP_403.DWG
APPRAISAL PLAT DATE : NOVEMBER 12, 2024

PLOT DATE : 7/11/2024 3:55 PM PLOT BY : TACKMIER, JILL PLOT NAME :

CP 900
5/8" IR W/ RED CONTROL PT CAP
STA 100+64.10
37.36' LT
Y=562296.739
X=829915.350

EAST COLLEGE AVENUE

BM800

99+53 LT - 100+62.94

CONSTRUCTION LIMIT
STA 100+39.38

LAWRENCE UNIVERSITY OF WISCONSIN (510)

TLE LINE
R/W

EXISTING R/W

TLE LINE

CONSTRUCTION LIMIT
STA 19+53.46
Y=562,640.860
X=829,905.800

EAST WASHINGTON STREET
N89°51'43"E

KC KAMPS & RUTHANN CRAGER (203)

MICHAEL D BAZILE (207)

JOHN R ZIRBEL (211)

ROSS J & BECKY GLASHEEN (215)

N

EXISTING R/W

TLE LINE

100+00 101+00 102+00 103+00 104+00 105+00 106+00

NORTH LAWE STREET N0°03'43"W

BEGIN PROJECT
STA 101+30.19
Y=562,362.869
X=829,952.641

LAWRENCE UNIV OF WISC BD OF TRUSTEES (706)

KARIN A MORTIER (118)

122 N LAWE LLC (122)

JOSEPH C CRAMER (128)

TLE LINE

EXISTING R/W

STA 104+08.29 R/L NORTH LAWE STREET =
STA 20+00.00 R/L EAST WASHINGTON STREET
Y=562,640.971
X=829,952.340

EXISTING R/W

TLE LINE

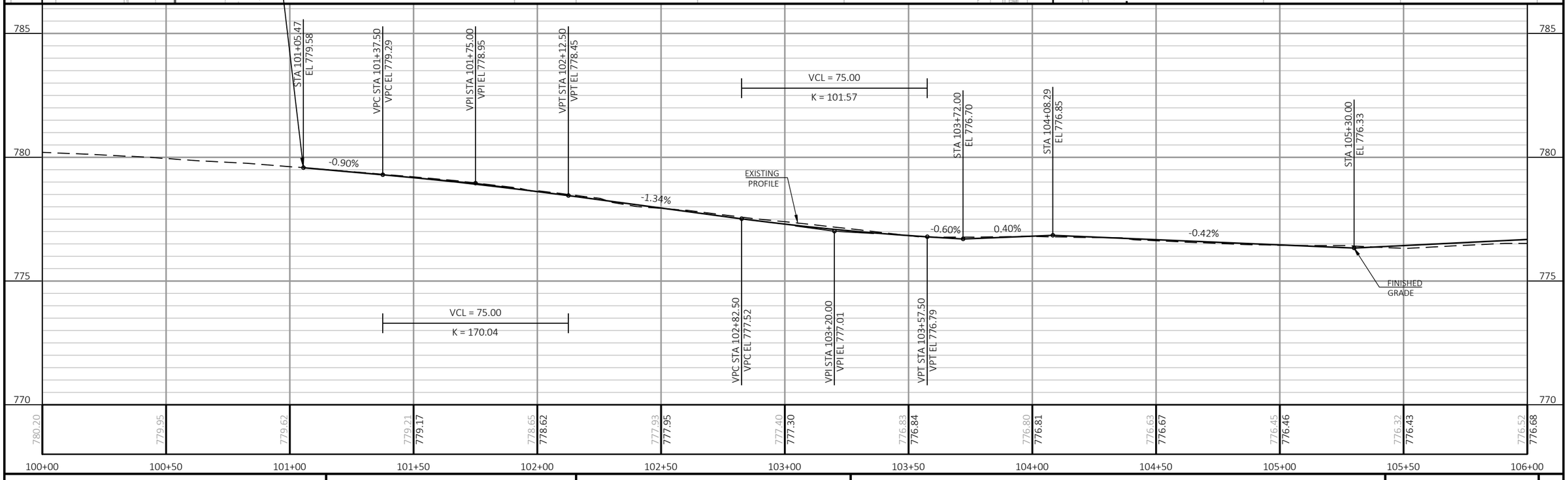
CONSTRUCTION LIMIT
STA 20+46.47

DRS INVESTMENTS LLC (202)

HRI GROUP LLC (206)

GARY L BURNS (212)

BENCH MARKS			
NO.	STATION	ELEV.	DESCRIPTION
800	99+53 LT	781.75	NW BOLT ON SIGNAL BASE IN SW QUADRANT OF N LAWE ST AND COLLEGE AVE

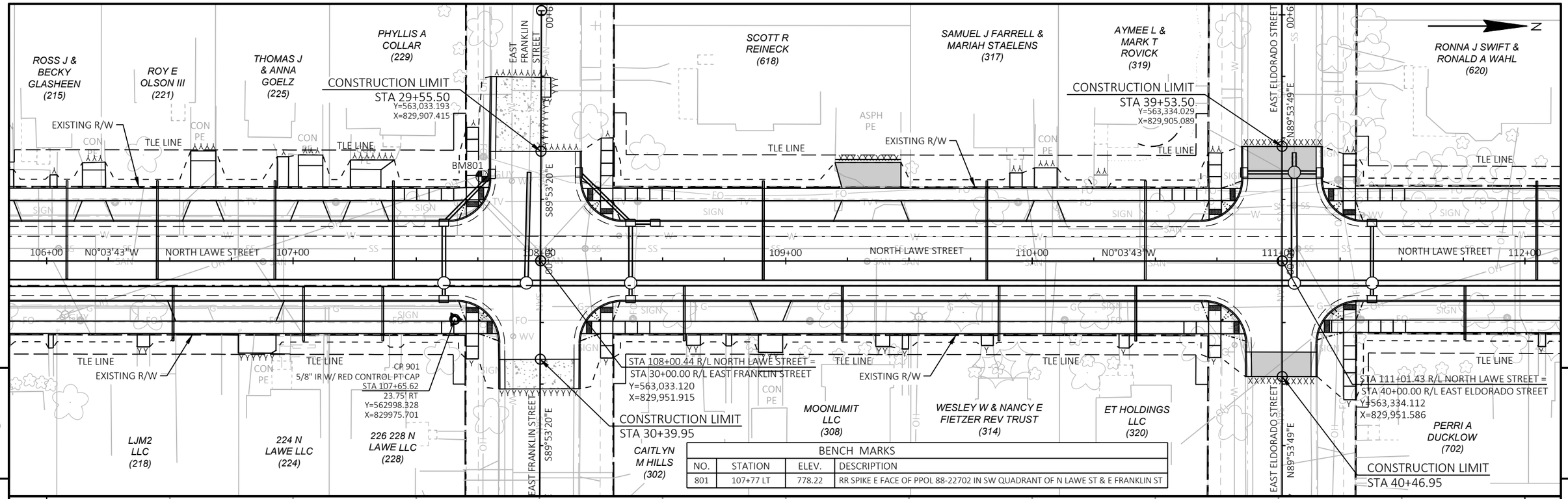


PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	PLAN AND PROFILE: NORTH LAWE STREET	SHEET 130 E

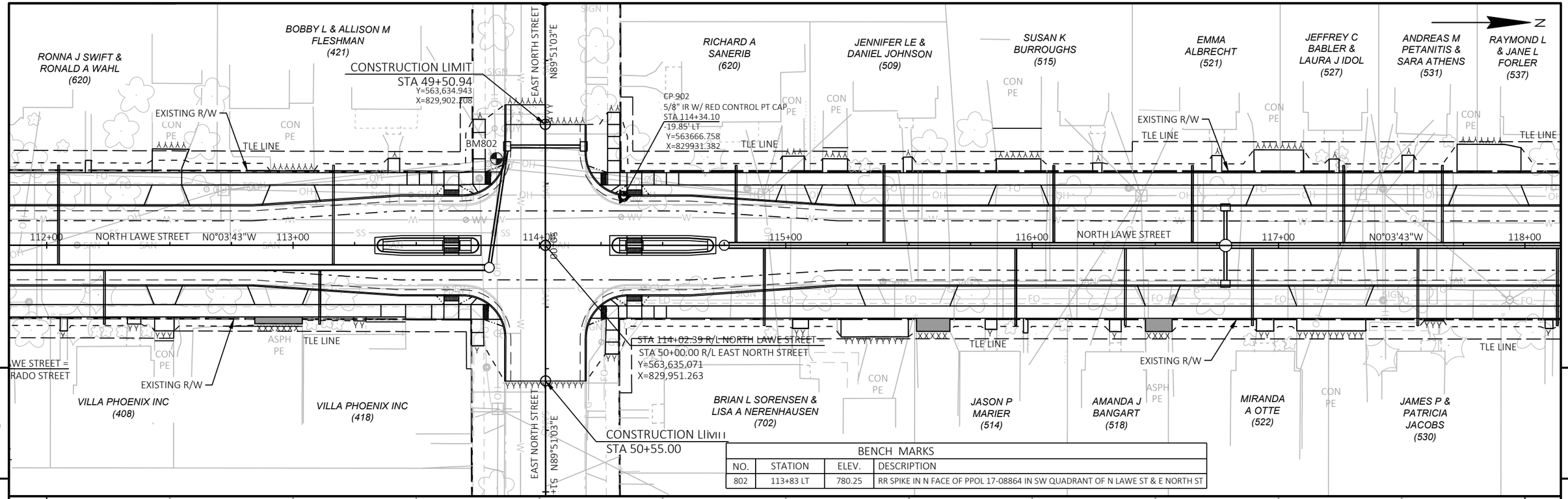
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LAYOUT NAME - 050201-pp

PLOT DATE : 10/30/2025 3:18 PM PLOT BY : ROWELL, ANDREW PLOT NAME : PLOT SCALE : 1 IN:40 FT

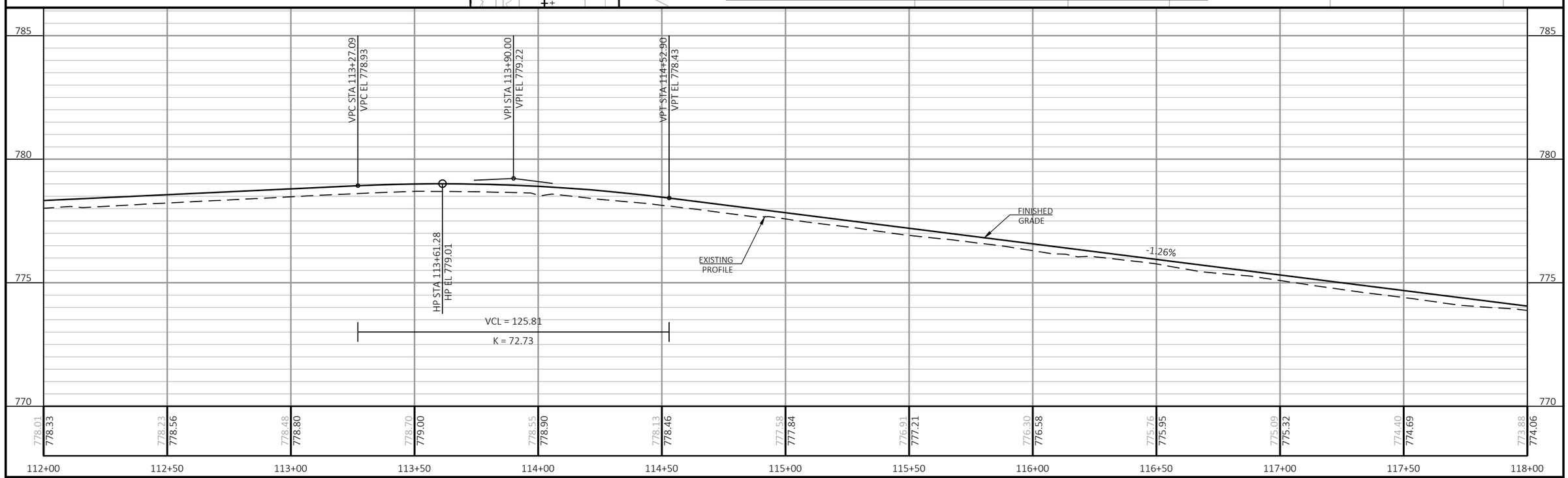
WISDOT/CADDS SHEET 44



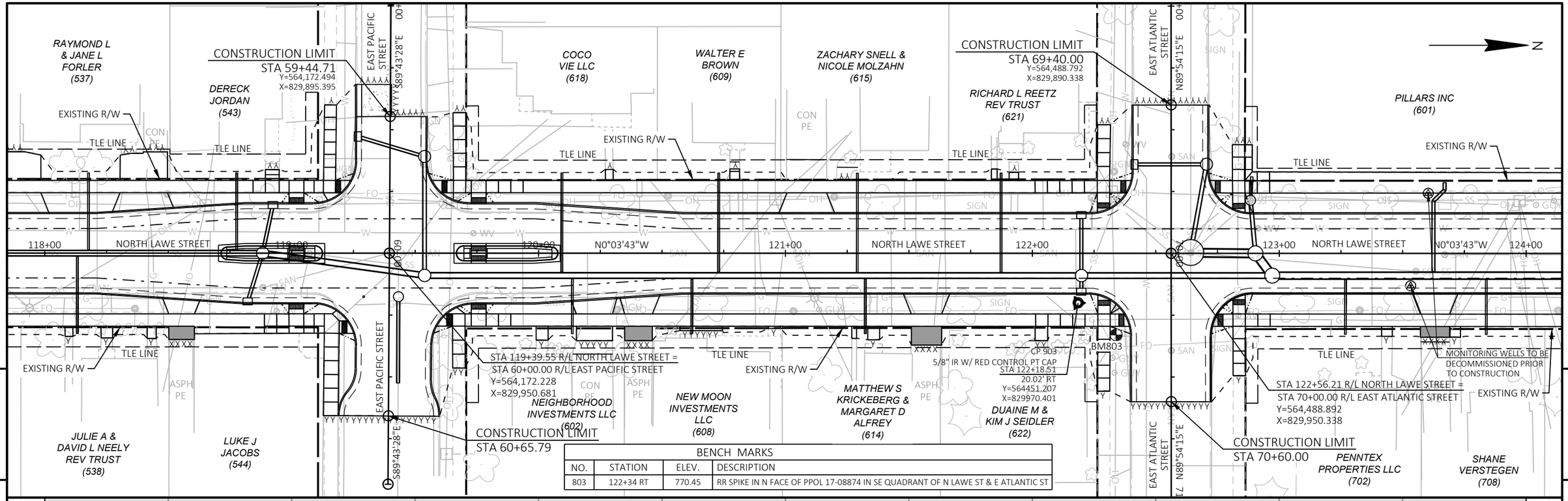
PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	PLAN AND PROFILE: NORTH LAWE STREET	SHEET 131 E



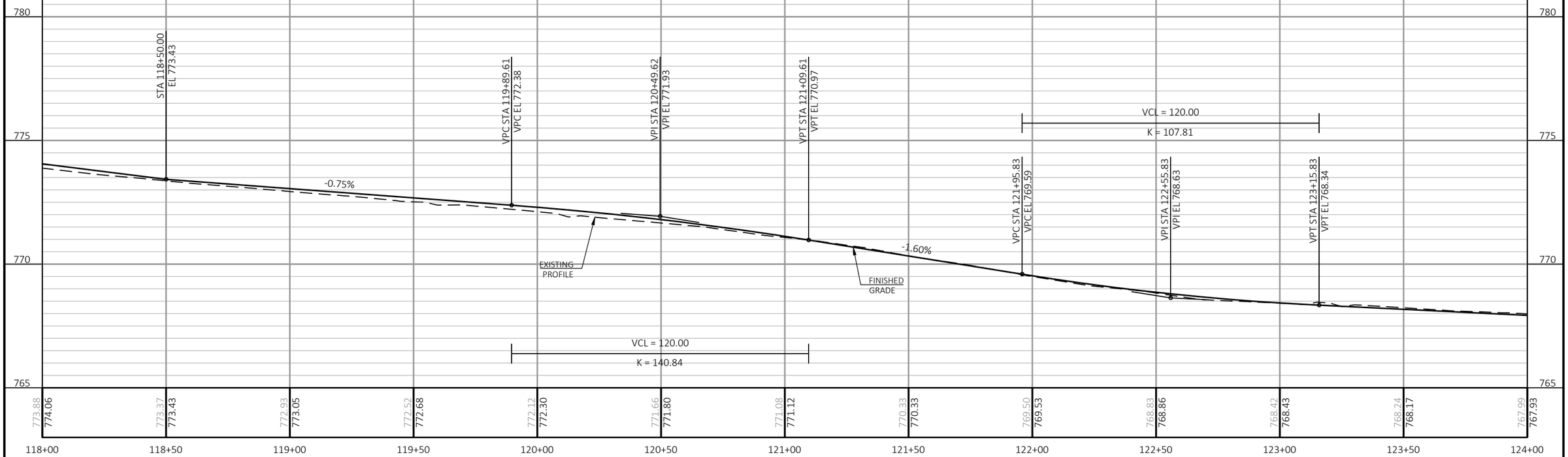
BENCH MARKS			
NO.	STATION	ELEV.	DESCRIPTION
802	113+83 LT	780.25	RR SPIKE IN N FACE OF PPOL 17-08864 IN SW QUADRANT OF N LAWE ST & E NORTH ST



PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	PLAN AND PROFILE: NORTH LAWE STREET	SHEET 132	E

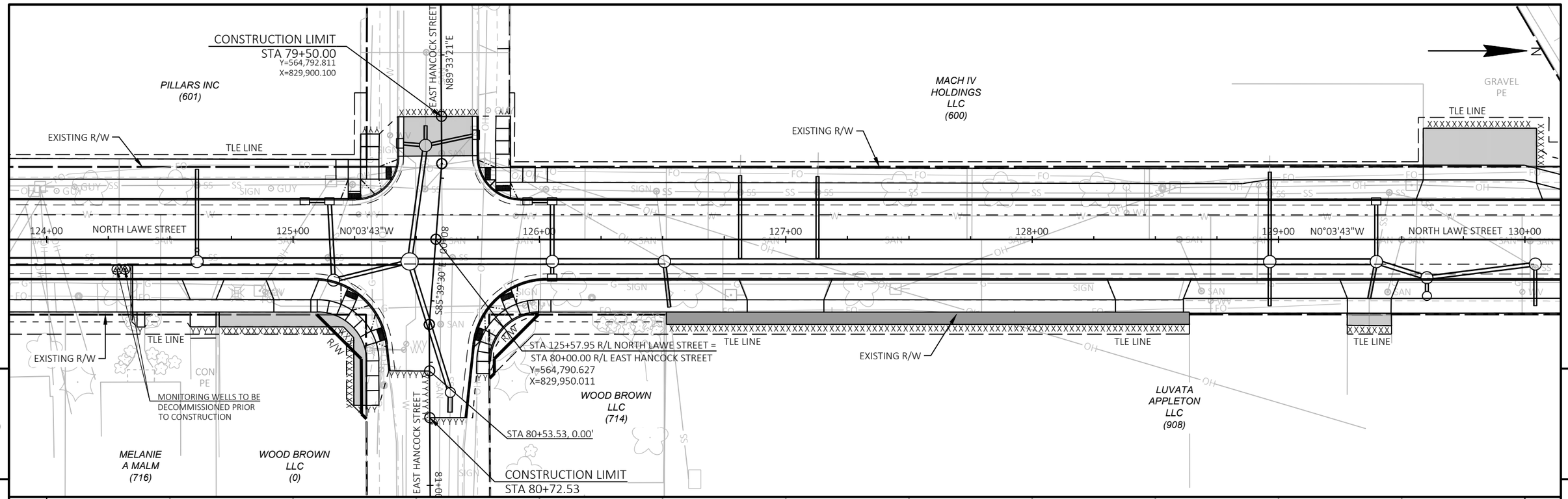


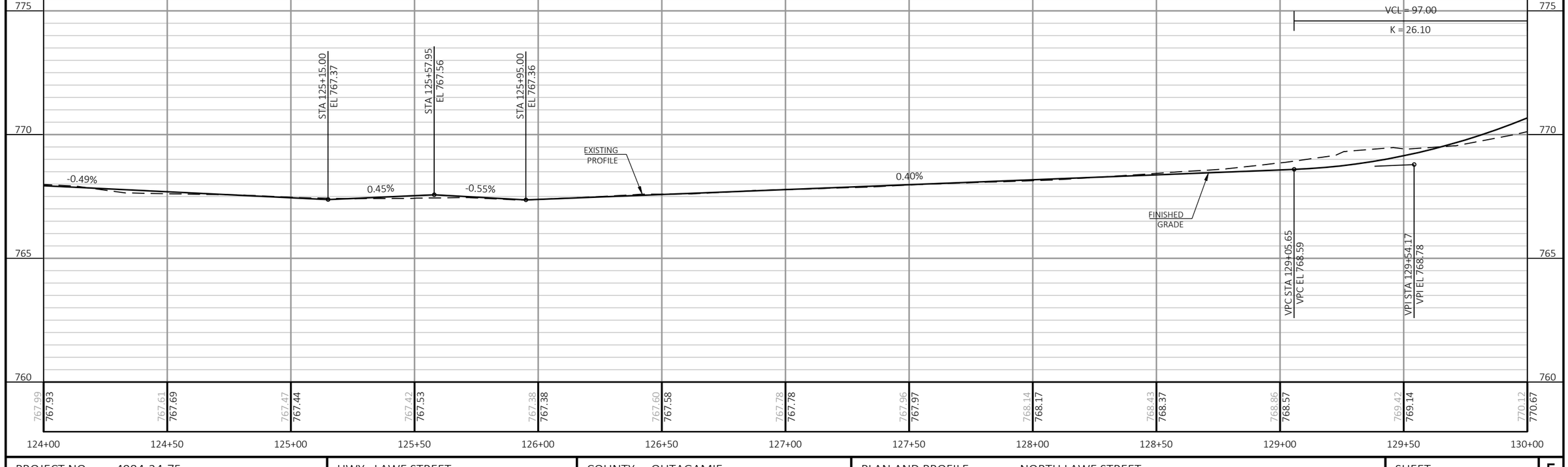
BENCH MARKS			
NO.	STATION	ELEV.	DESCRIPTION
803	122+34 RT	770.45	RR SPIKE IN N FACE OF PPOL 17-08874 IN SE QUADRANT OF N LAWE ST & E ATLANTIC ST



PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	PLAN AND PROFILE: NORTH LAWE STREET	SHEET 133	E

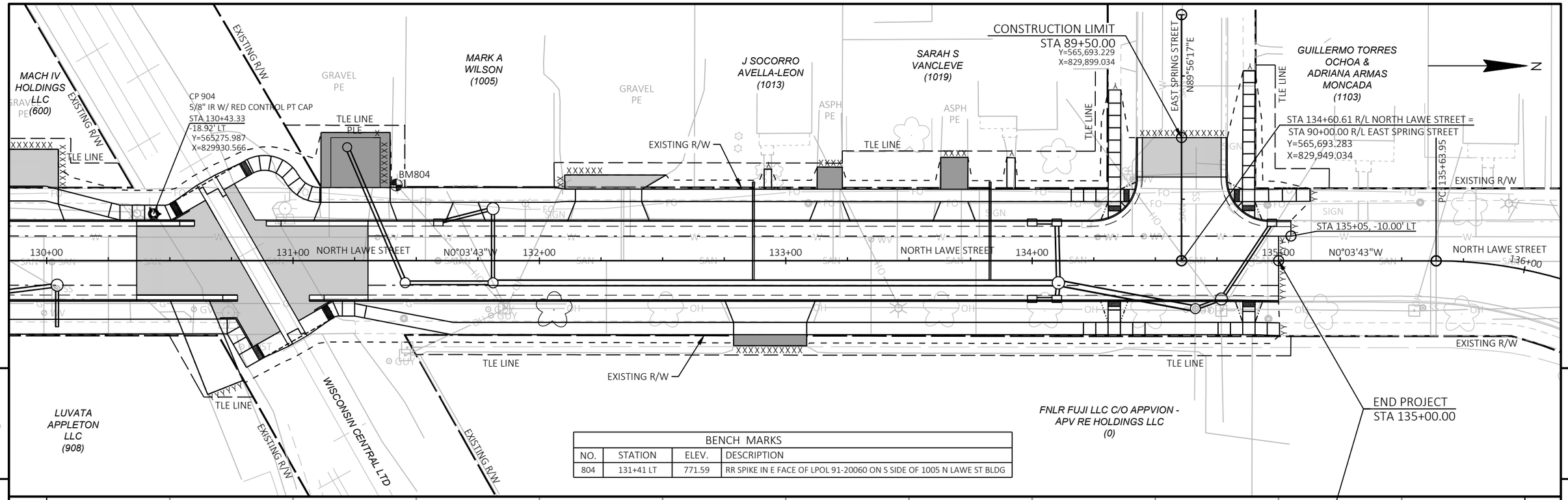
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LAYOUT NAME - 050204-pp
PLOT DATE : 10/30/2025 1:17 PM
PLOT BY : HOSPER, JAN
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 44



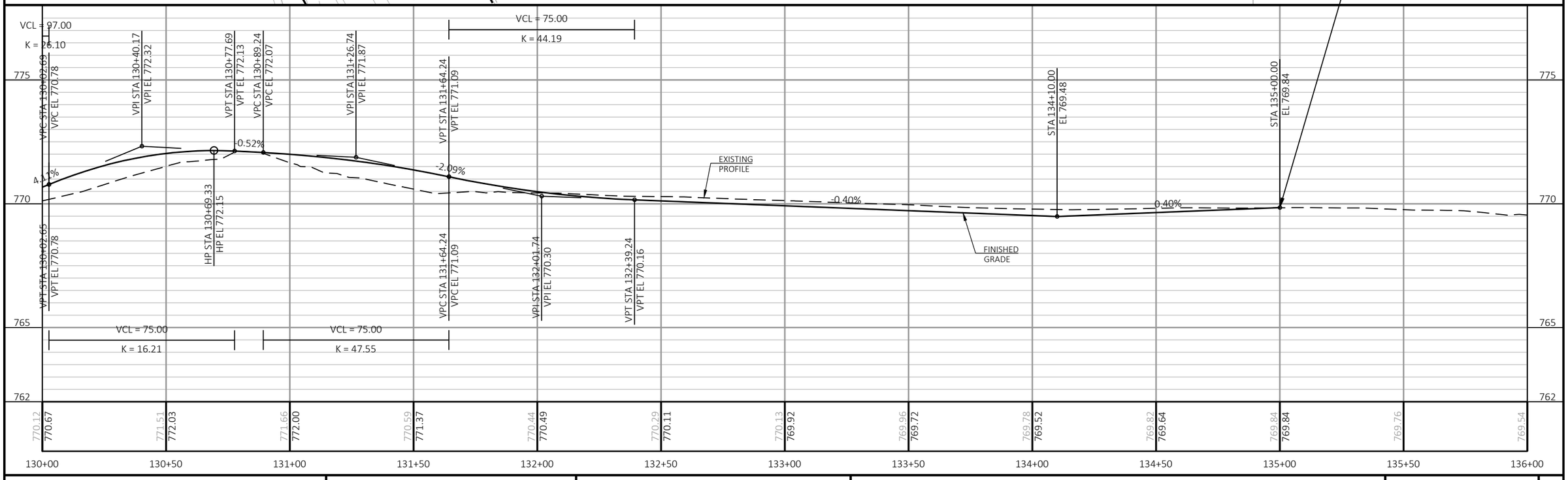


PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	PLAN AND PROFILE: NORTH LAWE STREET	SHEET 134	E

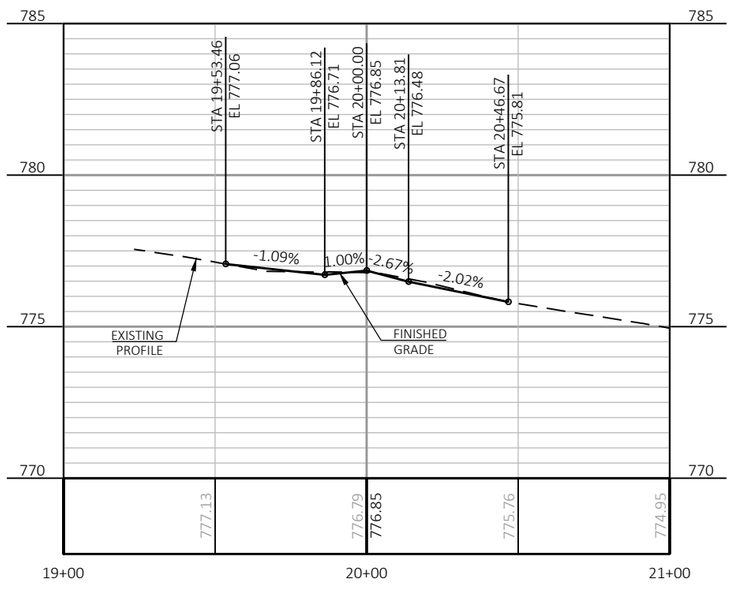
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LAYOUT NAME - 050205-pp
PLOT DATE : 10/30/2025 1:17 PM
PLOT BY : HOSPER, JAN
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 44



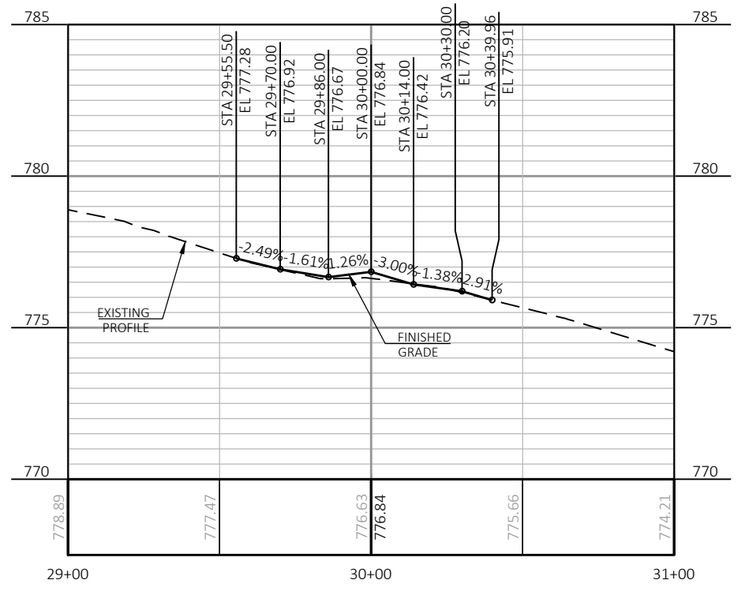
BENCH MARKS			
NO.	STATION	ELEV.	DESCRIPTION
804	131+41 LT	771.59	RR SPIKE IN E FACE OF LPOL 91-20060 ON S SIDE OF 1005 N LAWE ST BLDG



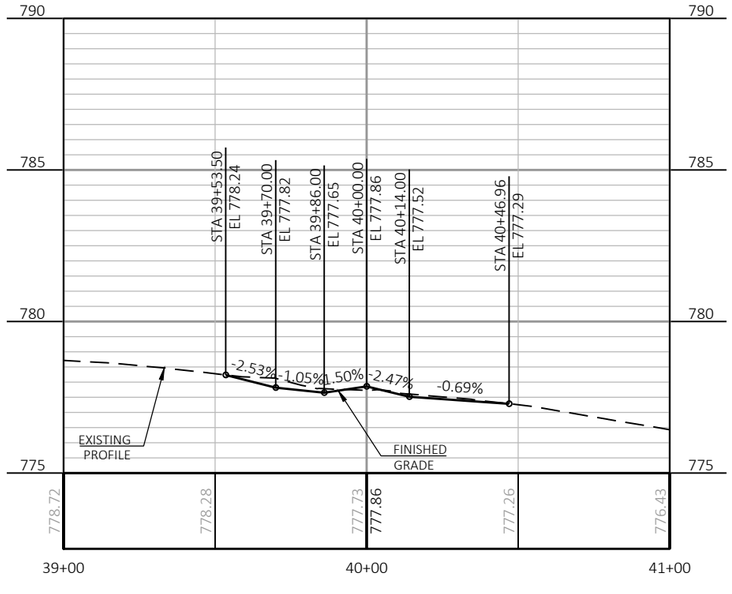
PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	PLAN AND PROFILE: NORTH LAWE STREET	SHEET 135 E



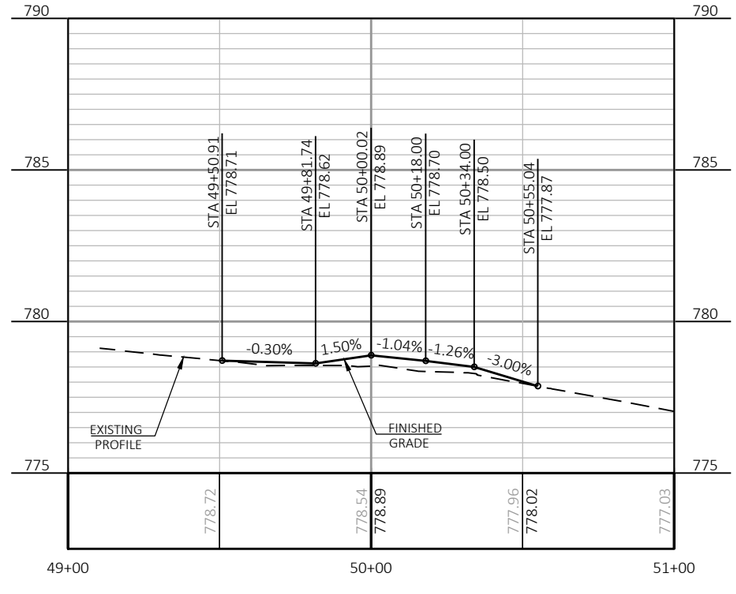
EAST WASHINGTON STREET



EAST FRANKLIN STREET



EAST ELDORADO STREET



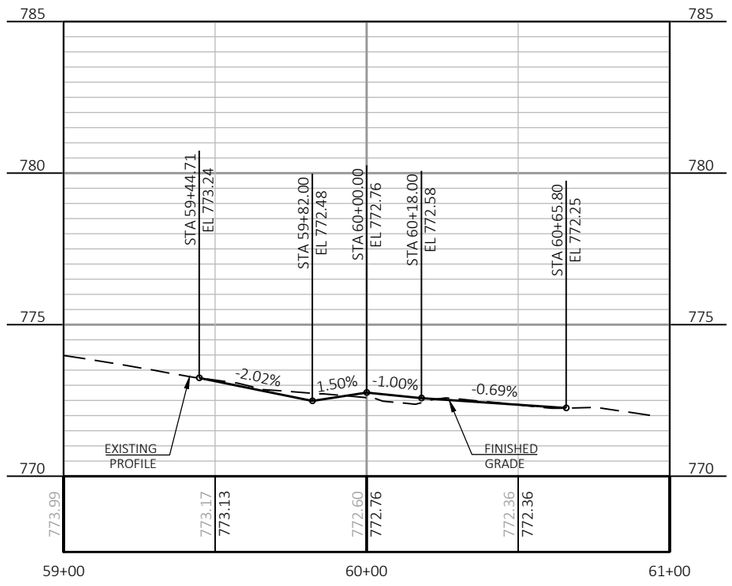
EAST NORTH STREET

PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	PLAN AND PROFILE - SIDE ROADS	SHEET 136	E

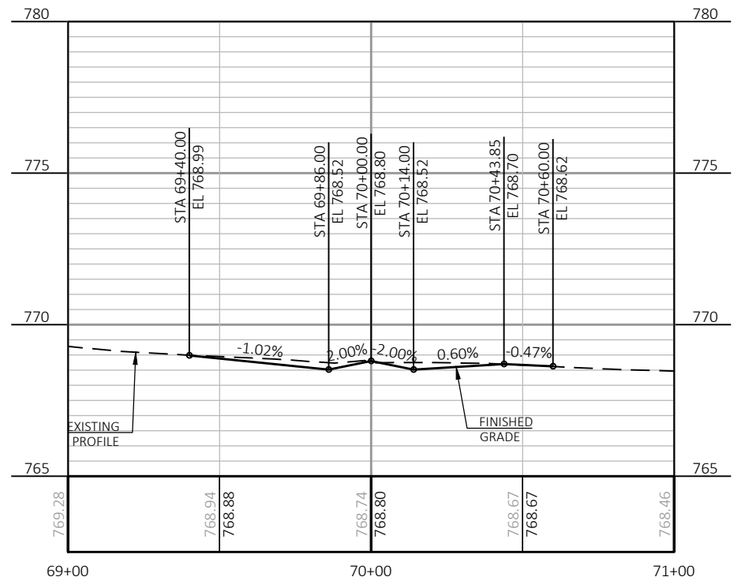
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LAYOUT NAME - 050207-pp

PLOT DATE : 10/30/2025 1:17 PM PLOT BY : HOSPER, JAN PLOT NAME : PLOT SCALE : 1 IN:50 FT

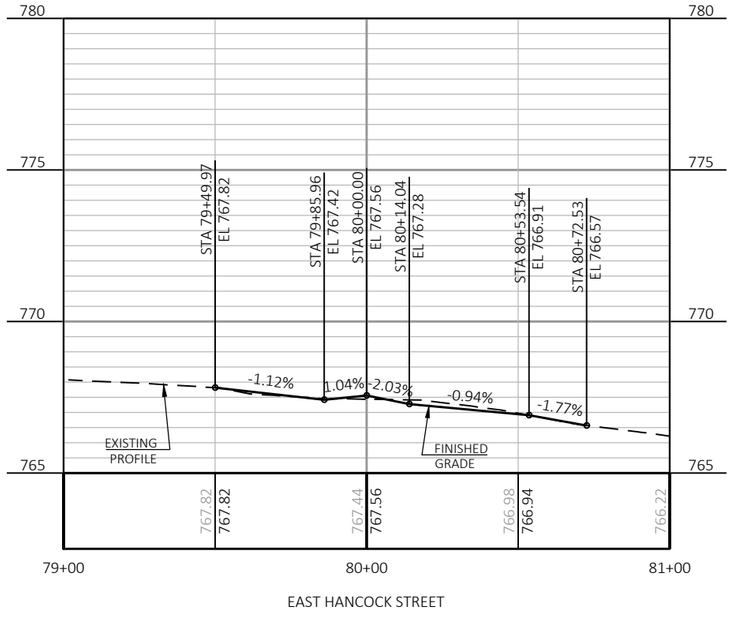
WISDOT/CADDS SHEET 44



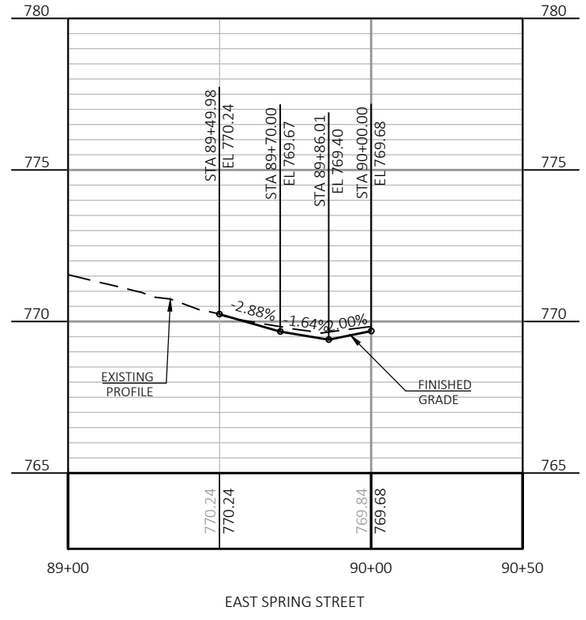
EAST PACIFIC STREET



EAST ATLANTIC STREET



EAST HANCOCK STREET



EAST SPRING STREET

PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	PLAN AND PROFILE - SIDE ROADS	SHEET 137	E

FILE NAME : I:\45\450639 LAWE ST APPLETON\C3D\SHEETS\050101-PP.DWG
LAYOUT NAME - 050208-pp

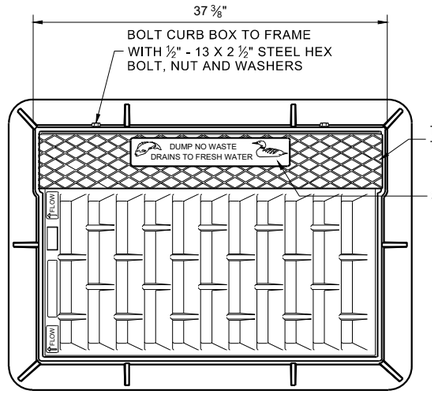
PLOT DATE : 10/30/2025 1:17 PM PLOT BY : HOSPER, JAN PLOT NAME : PLOT SCALE : 1 IN:50 FT

WISDOT/CADDS SHEET 44

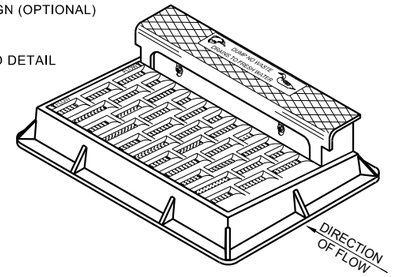
Standard Detail Drawing List

08A05-22A	INLET COVERS TYPE A, H, A-S, H-S & Z
08A05-22B	INLET COVERS TYPE B, B-A, C, MS, MS-A, DW & WM
08A05-22E	INLET COVER TYPE BW, MANHOLE COVERS, TYPE K, J, J-S, L & M
08B09-04	MANHOLES 3-FT, 4-FT, 5-FT, 6-FT, 7-FT, 8-FT, 9-FT, 10-FT DIAMETER
08C06-03	INLETS 3-FT AND 4-FT DIAMETER
08C07-03	INLETS 2X2-FT, 2X2.5-FT, 2X3-FT, 2.5X3-FT & 2X3.5-FT
08D01-24A	CONCRETE CURB & GUTTER
08D01-24B	CONCRETE CURB, TIES AND CURB AND GUTTER APPLICATIONS
08D05-22A	CURB RAMPS TYPES 1 AND 1-A
08D05-22B	CURB RAMPS TYPES 2 AND 3
08D05-22C	CURB RAMPS TYPES 4A AND 4A1
08D05-22D	CURB RAMPS TYPES 4B AND 4B1
08D05-22E	CURB RAMPS TYPES 5, 6, 7A, 7B & 8
08D05-22F	CURB RAMPS RADIAL DETECTABLE WARNING FIELD APPLICATIONS
08D05-22G	CURB RAMPS RECTANGULAR AND RADIAL DETECTABLE WARNING PLATES
08D18-05	DRIVEWAY AND SIDEWALK RAMPS TYPES X & Y
08D19-05	DRIVEWAY AND SIDEWALK RAMPS TYPE Z
08E10-02	INLET PROTECTION TYPE A, B, C AND D
08F04-08	JOINT TIES FOR CONCRETE PIPE AND CONCRETE COLLAR DETAIL
09B02-10	CONDUIT
09B16-03	PULL BOX NON-CONDUCTIVE
09C02-09	CONCRETE BASES, TYPES 1, 2, 5, & 6
11B02-02	CONCRETE MEDIAN NOSE
13B01-11A	PAVEMENT DETAILS FOR RAILROAD APPROACH
13B01-11B	TYPICAL SECTIONS FOR RAILWAY APPROACH
13C01-19	CONCRETE PAVEMENT LONGITUDINAL JOINTS AND TIES
13C04-17	URBAN NON-DOWELED CONCRETE PAVEMENT
13C18-08A	CONCRETE PAVEMENT JOINTING
13C18-08B	CONCRETE PAVEMENT STEEL REINFORCEMENT
13C18-08C	CONCRETE PAVEMENT JOINT TYPES
13C18-08D	CONCRETE PAVEMENT JOINTING AT UTILITY FIXTURES
13C18-08E	CONCRETE PAVEMENT JOINTING AND STEEL REINFORCEMENT IN ROUNDABOUTS
13C18-08F	CONCRETE PAVEMENT INTERSECTION BOXOUT FOR INTEGRAL CURB AND GUTTER
15C02-09A	BARRICADES AND SIGNS FOR MAINLINE CLOSURES
15C02-09B	BARRICADES AND SIGNS FOR VARIOUS CLOSURES
15C02-09C	DETOUR SIGNING FOR MAINLINE CLOSURES
15C03-05	BARRICADES AND SIGNS FOR SIDEROAD CLOSURES
15C07-16A	PAVEMENT MARKING SYMBOLS
15C07-16B	PAVEMENT MARKING WORDS
15C07-16C	PAVEMENT MARKING ARROWS
15C07-16E	PAVEMENT MARKING FOR BIKE LANES
15C08-24A	PERMANENT LONGITUDINAL PAVEMENT MARKINGS
15C08-24C	PAVEMENT MARKING (TURN LANES)
15C08-24D	PAVEMENT MARKING (TURN LANES)
15C09-13A	SIGNING AND PAVEMENT MARKING DETAILS FOR RAILROAD-HIGHWAY GRADE CROSSINGS
15C11-10B	CHANNELIZING DEVICES DRUMS, CONES, BARRICADES AND VERTICAL PANELS
15C18-09B	PAVEMENT MARKINGS, MEDIAN ISLAND NOSE
15C29-08A	BICYCLE LANE MARKING
15C33-05	STOP LINE AND CROSSWALK PAVEMENT MARKING
15D12-15A	TRAFFIC CONTROL, VEHICLE ENTRANCE/EXIT OR HAUL ROAD
15D30-11A	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-11B	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-11C	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-11D	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-11E	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-11F	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-11G	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-11H	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-11I	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-11J	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-11K	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-11L	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D45-03	TRAFFIC CONTROL, SIGNING ON ROADWAYS WITH LOOSE GRAVEL

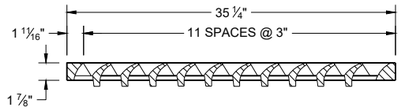
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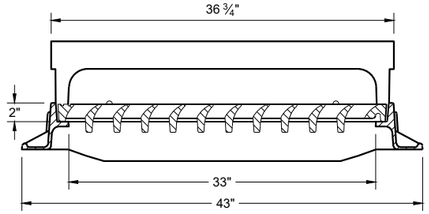


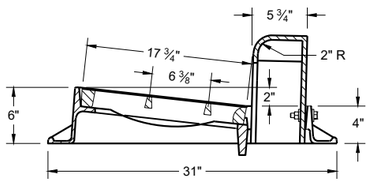
NOTE: EITHER CASTING IS ACCEPTABLE

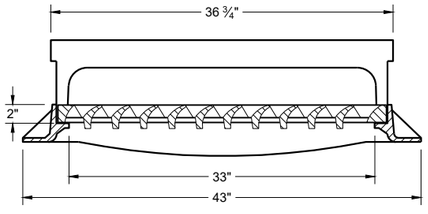


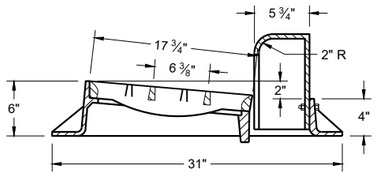
NOTE: CURB BOX HEIGHT ADJUSTABLE 6" - 9"







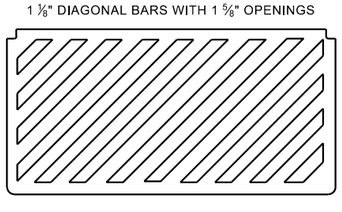




TYPE "H"

NOTE: EITHER CASTING IS ACCEPTABLE

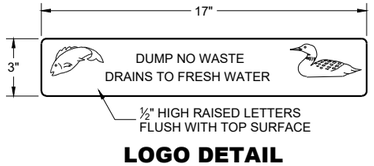
1 1/8" DIAGONAL BARS WITH 1 5/8" OPENINGS



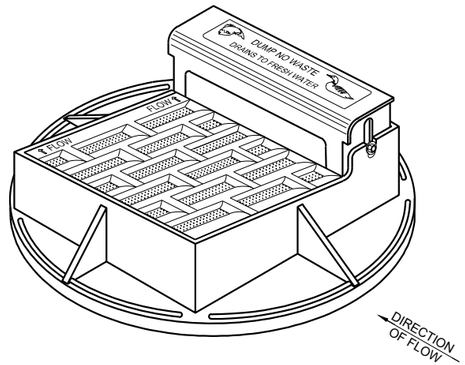
SPECIAL GRATE FOR TYPE "H" COVER

(MEASURES 35" X 17 3/4" X 2")

(NOTED AS TYPE H-S ON DRAINAGE TABLE)

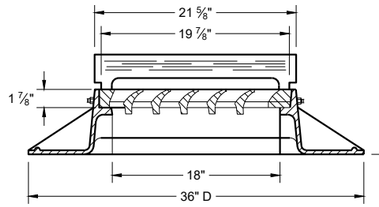


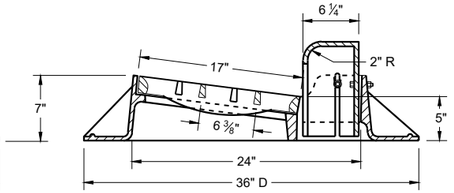
LOGO DETAIL



NOTE: CURB BOX HEIGHT ADJUSTABLE 6" - 9"

NOTE: EITHER CASTING IS ACCEPTABLE





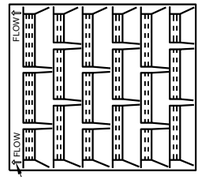
TYPE "A"

GENERAL NOTES

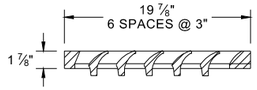
DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

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.

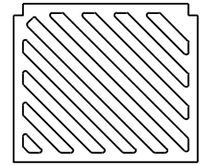
ROUND FRAMES AND COVERS SHALL HAVE CONTINUOUSLY MACHINED BEARING SURFACES TO PREVENT ROCKING AND RATTLING.



DIRECTION OF FLOW ARROWS



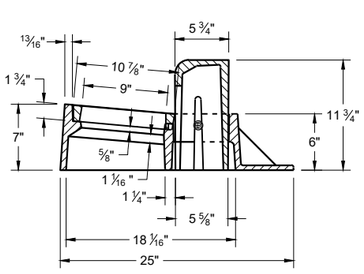
1" DIAGONAL BARS WITH 1 1/2" OPENINGS



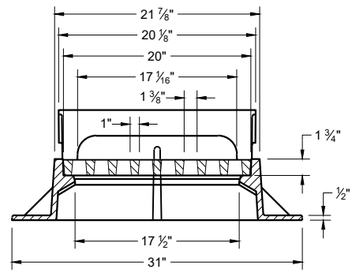
SPECIAL GRATE FOR TYPE "A" COVER

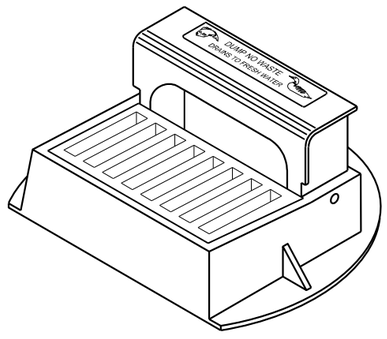
(MEASURES 19 3/4" X 17" X 1 7/8")

(NOTED AS TYPE A-S ON DRAINAGE TABLE)



TYPE "Z"





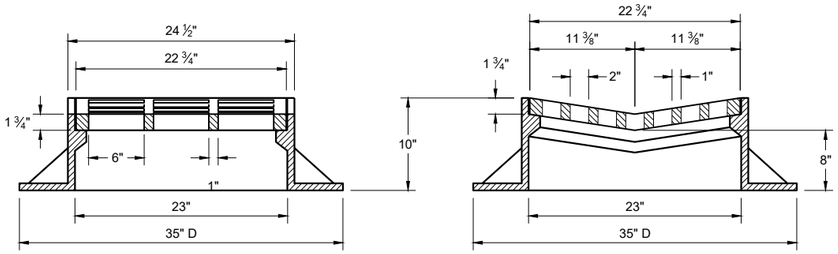
INLET COVERS
TYPES A, H, A-S, H-S AND Z

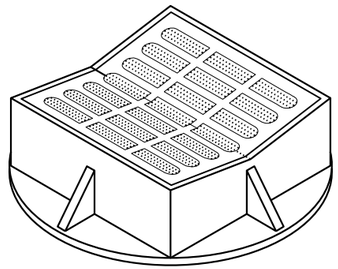
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
February 2025
DATE

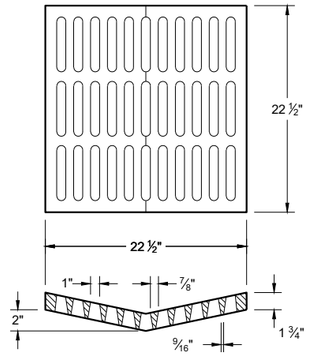
/S/ Rodney Taylor
ROADWAY STANDARDS DEVELOPMENT
UNIT SUPERVISOR

FHWA





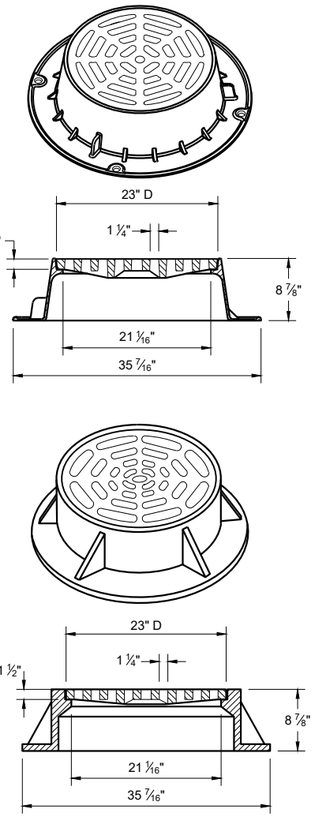
TYPE "B"



ALTERNATIVE GRATE FOR TYPE "B" COVER

USE WHERE PEDESTRIAN OF BICYCLE TRAFFIC IS POSSIBLE

NOTED AS TYPE B - A ON THE DRAINAGE TABLE



TYPE "C"

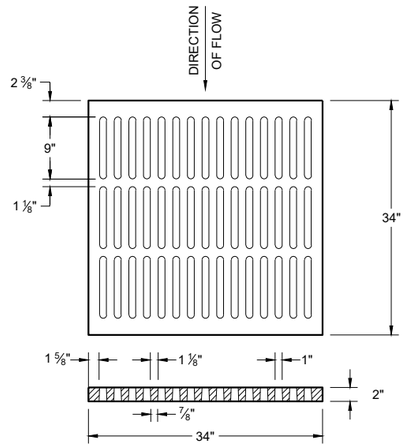
NOTE: EITHER CASTING IS ACCEPTABLE

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.

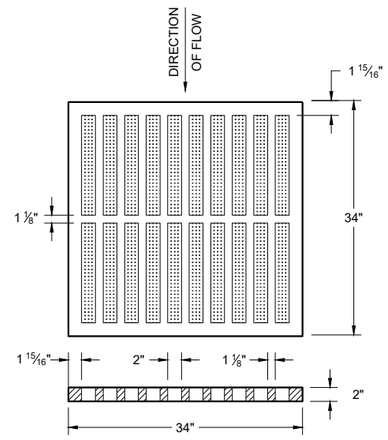
ROUND FRAMES AND COVERS SHALL HAVE CONTINUOUSLY MACHINED BEARING SURFACES TO PREVENT ROCKING AND RATTLING.



ALTERNATIVE TYPE "MS"

USE WHERE PEDESTRIAN OF BICYCLE TRAFFIC IS PERMITTED

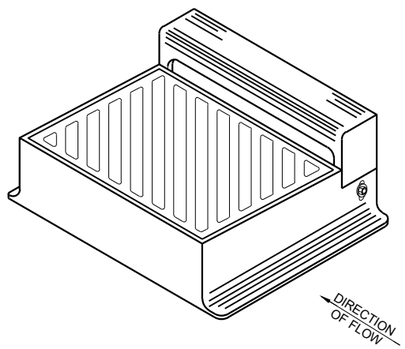
NOTED AS TYPE MS-A ON THE DRAINAGE TABLE



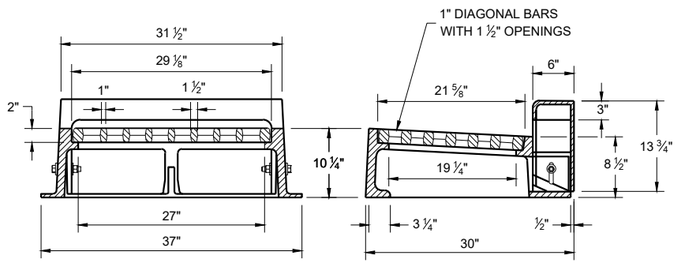
TYPE "MS"

USE ON FREEWAYS AND EXPRESSWAYS

NOTED AS TYPE MS ON THE DRAINAGE TABLE

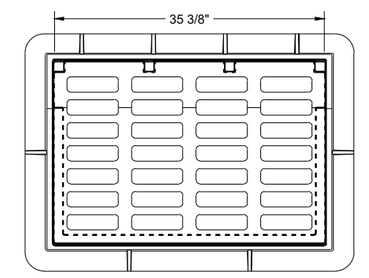


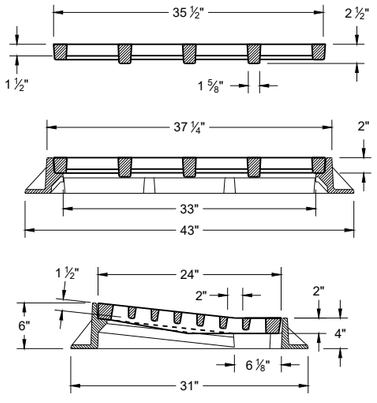
DIAGONAL SLOTS SHALL BE ORIENTEDTO THE DIRECTION OF FLOW AS ILLUSTRATED.
GRATES ARE MANUFACTURED TO BE REVERSIBLE.

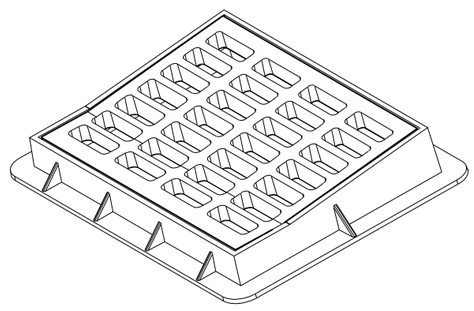


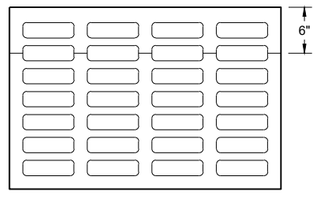
TYPE "WM"

NOTE: CURB BOX HEIGHT ADJUSTABLE 6" - 9"









TYPE "DW"

NOTES: FOR USE IN A SUMP CONDITION. THIS OPTION IS ONLY TO BE USED IF NO OTHER INLETS ARE APPLICABLE.

INLET COVERS
TYPES B, B-A, C,
MS, MS-A ,DW AND WM

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
February 2025 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS DEVELOPMENT UNIT SUPERVISOR

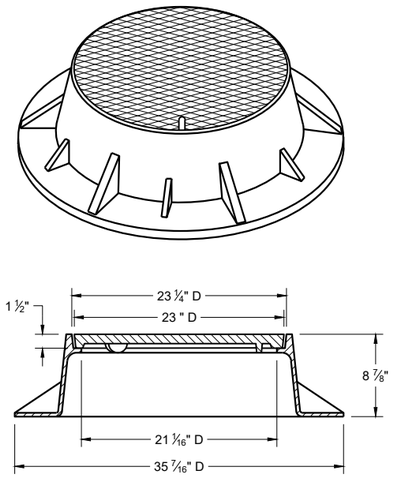
FHWA

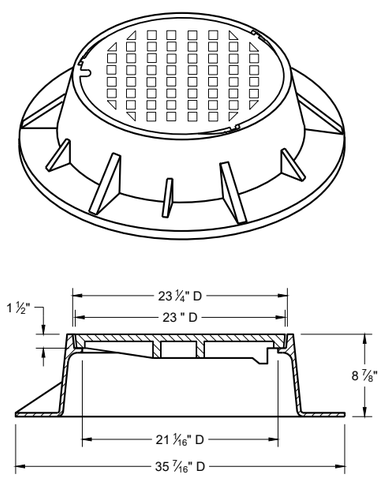
GENERAL NOTES

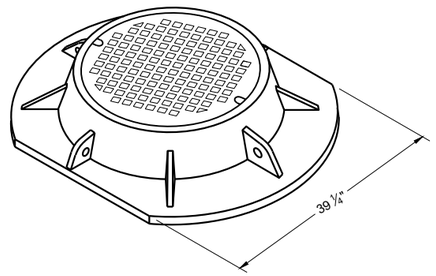
DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

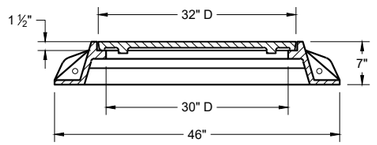
DETAIL DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR MANHOLE COVERS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.

ROUND FRAMES AND COVERS SHALL HAVE CONTINUOUSLY MACHINED BEARING SURFACES TO PREVENT ROCKING AND RATTLING.

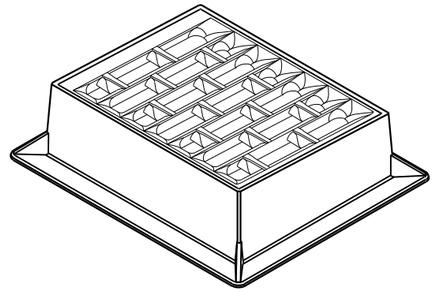


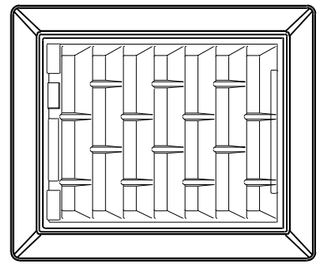


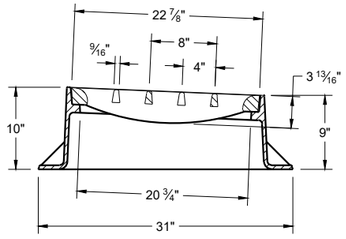


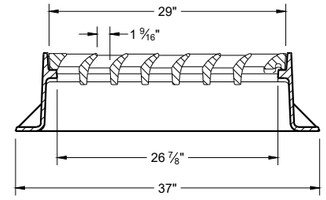


TYPE "K"

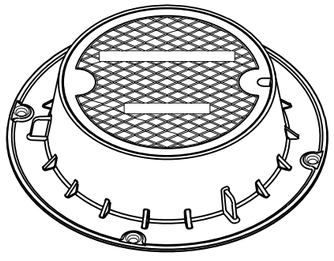


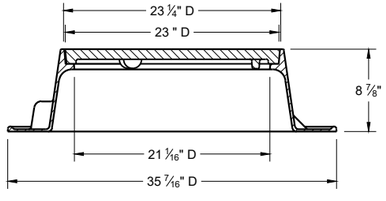






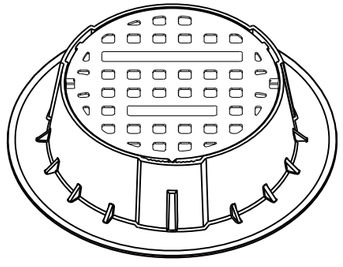
INLET COVER TYPE "BW"

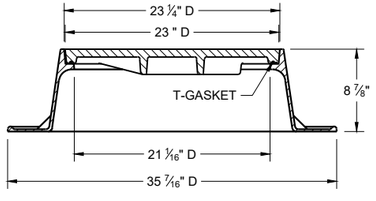




TYPE "J"

NOTE: EITHER CASTING IS ACCEPTABLE

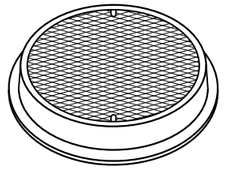


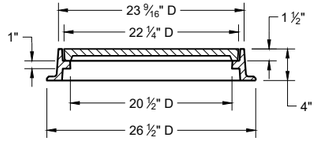


TYPE "J" SPECIAL

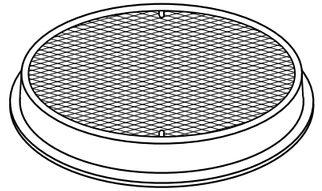
TYPE "B" NON-ROCKING SELF-SEAL LID
(NOTED AS TYPE J-S ON THE DRAINAGE TABLE)

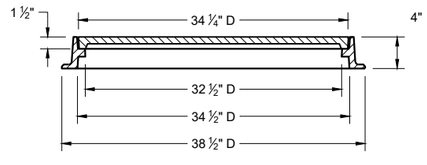
NOTE: EITHER CASTING IS ACCEPTABLE





TYPE "L"





TYPE "M"

INLET COVERS TYPES BW
MANHOLE COVERS TYPES K, J, J-S, L, AND M

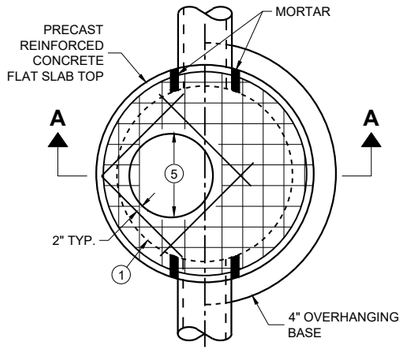
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
February 2025 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS DEVELOPMENT UNIT SUPERVISOR

FHWA

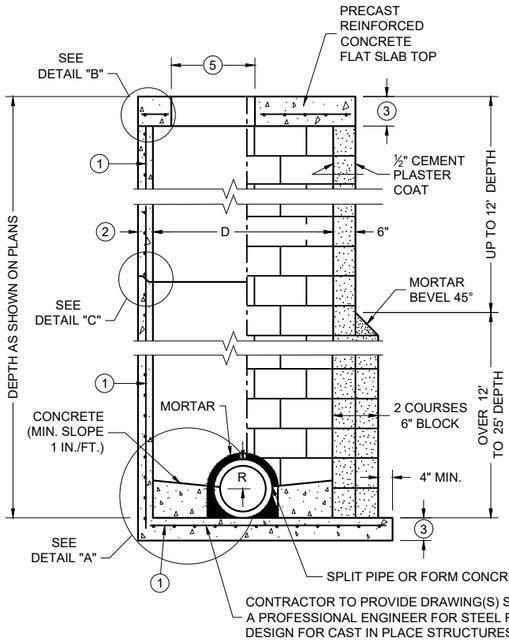
6

SDD 08A05-22e



PLAN VIEW

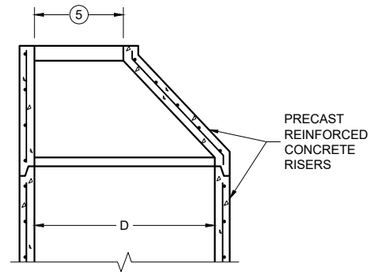
CIRCULAR OPENING



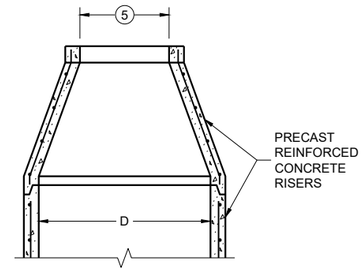
SECTION A - A

PRECAST REINFORCED CONCRETE WITH MONOLITHIC BASE

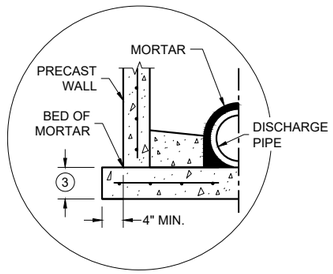
CONCRETE BLOCK WITH CAST IN PLACE OR PRECAST REINFORCED CONCRETE BASE (1)



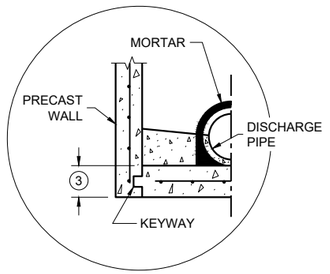
OPTIONAL PRECAST REINFORCED CONCRETE ECCENTRIC TOP



OPTIONAL PRECAST REINFORCED CONCRETE CONCENTRIC TOP

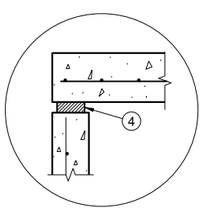


SEPARATE PRECAST REINFORCED CONCRETE BASE OPTION

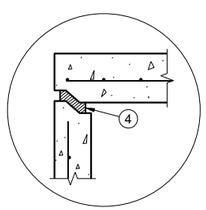


PRECAST REINFORCED CONCRETE WITH INTEGRAL BASE OPTION

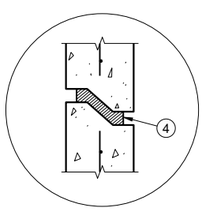
DETAIL "A"



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".

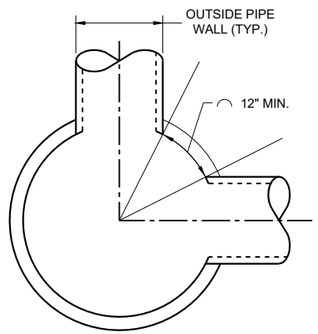
(1) FOR PRECAST MANHOLES AND REINFORCED CONCRETE BASES PROVIDE REINFORCING STEEL IN ACCORDANCE TO AASHTO M199.

(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"

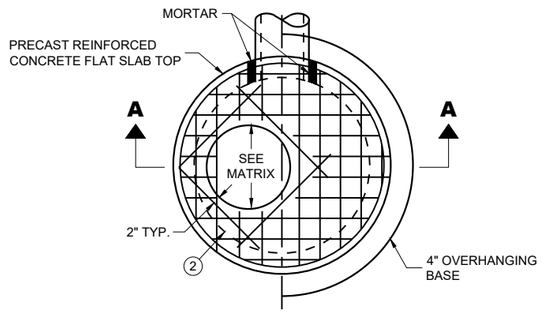
MANHOLES, 3-FT, 4-FT 5-FT, 6-FT, 7-FT, 8-FT, 9-FT AND 10-FT DIAMETER

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

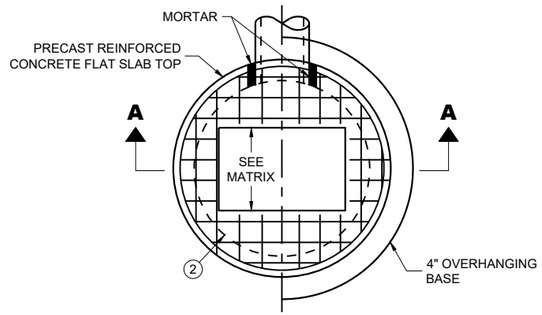
APPROVED
December 2023 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS DEVELOPMENT UNIT SUPERVISOR

FHWA

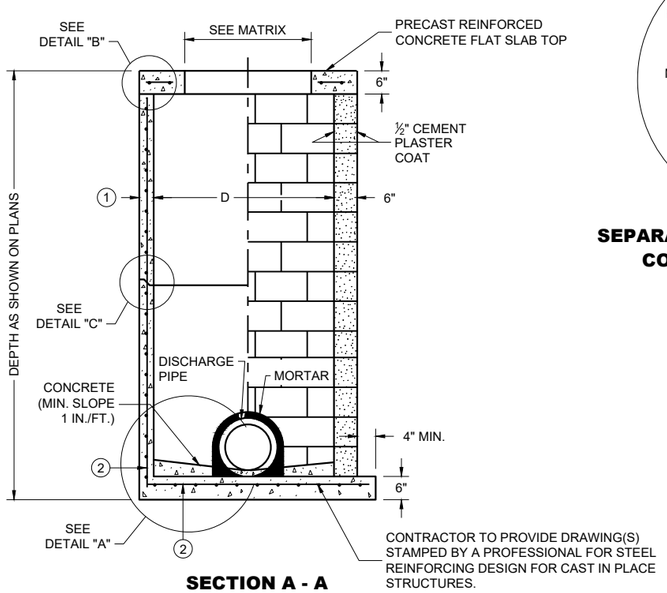
MANHOLES 3-FT, 4-FT, 5-FT, 6-FT, 7-FT, 8-FT, 9-FT AND 10-FT DIAMETER



PLAN VIEW CIRCULAR OPENING



PLAN VIEW RECTANGULAR OPENING



SECTION A - A

PRECAST REINFORCED CONCRETE WITH MONOLITHIC BASE

CONCRETE BLOCK WITH CAST IN PLACE OR PRECAST REINFORCED CONCRETE BASE (2)

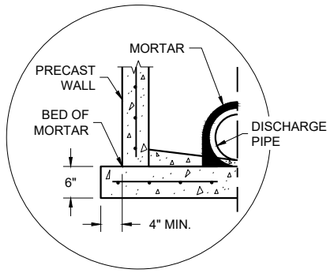
CIRCULAR INLETS WITH FLAT TOP

CATCH BASIN COVER OPENING MATRIX

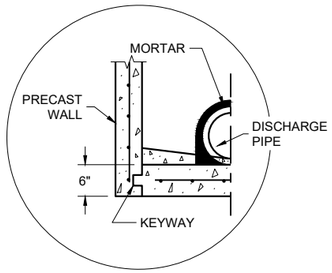
INLET SIZE	INLET COVER TYPE / OPENING SIZE (FT.)	ALL A'S	ALL B'S	BW	C	F	ALL H'S	S	T	V V-B	WM	Z
3-FT	2 DIA.				X							X
	2 X 2	X	X					X		X		
4-FT	2 DIA.				X							X
	2 X 2	X	X					X		X		
	2 X 2.5			X				X	X	X	X	
	2 X 3						X					
	2.5 X 3					X						

PIPE MATRIX

INLET SIZE	MAXIMUM INSIDE PIPE DIAMETER FOR TWO PIPES	
	180° SEPARATION (IN)	90° SEPARATION (IN)
3-FT	15	12
4-FT	24	18

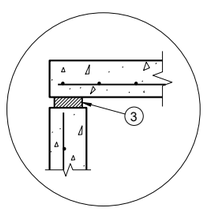


SEPARATE PRECAST REINFORCED CONCRETE BASE OPTION

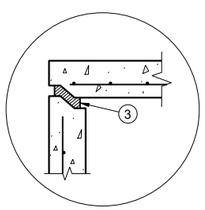


PRECAST REINFORCED CONCRETE WITH INTEGRAL BASE OPTION

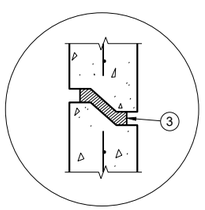
DETAIL "A"



TOP WITH PLAIN END JOINT



TOP WITH TONGUE AND GROOVE JOINT



RISER WITH TONGUE AND GROOVE JOINT

DETAIL "B" **DETAIL "C"**

INLETS 3-FT AND 4-FT DIAMETER

GENERAL NOTES

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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 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.

ALL BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 2 INCHES CLEAR UNLESS OTHERWISE SHOWN OR NOTED.

ALL PRECAST INLET 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.

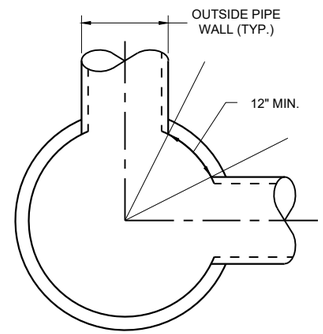
4" OVERHANGING BASES ARE REQUIRED FOR ALL CONCRETE BLOCK INSTALLATIONS. 4" OVERHANG IS REQUIRED WHEN SEPARATE PRECAST BASE IS PROVIDED. OVERHANG IS NOT REQUIRED ON PRECAST STRUCTURES WITH AN INTEGRAL OR MONOLITHIC BASE.

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) MINIMUM WALL THICKNESS SHALL BE 4 INCHES FOR 3-FT DIAMETER AND 5 INCHES FOR 4-FT DIAMTER PRECAST INLETS.

(2) FOR PRECAST INLETS AND REINFORCED CONCRETE BASES PROVIDE REINFORCING STEEL IN ACCORDANCE TO AASHTO M199.

(3) 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.



MINIMUM HORIZONTAL PIPE SEPARATION

DETAIL "D"

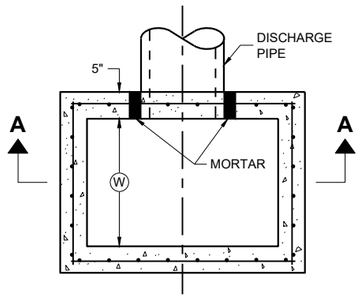
INLETS 3-FT AND 4-FT DIAMETER

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

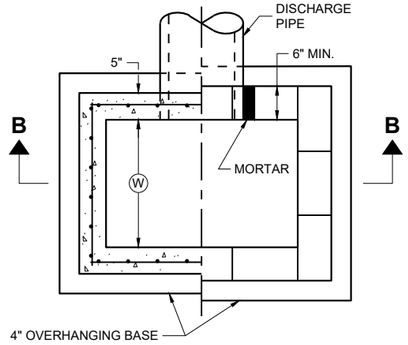
APPROVED
December 2023 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS DEVELOPMENT UNIT SUPERVISOR

FHWA

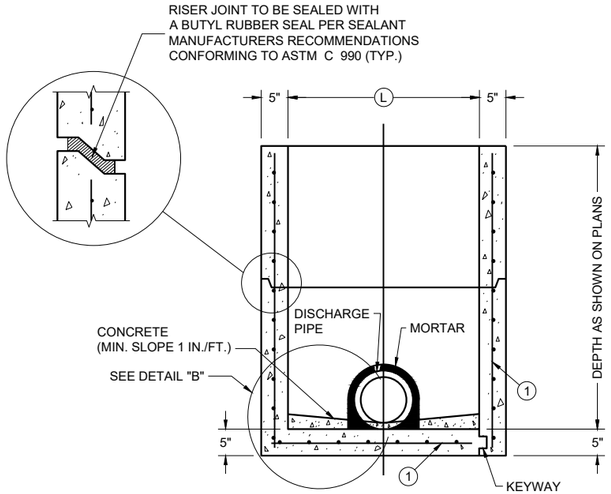
6
SDD 08C06-03



PLAN VIEW



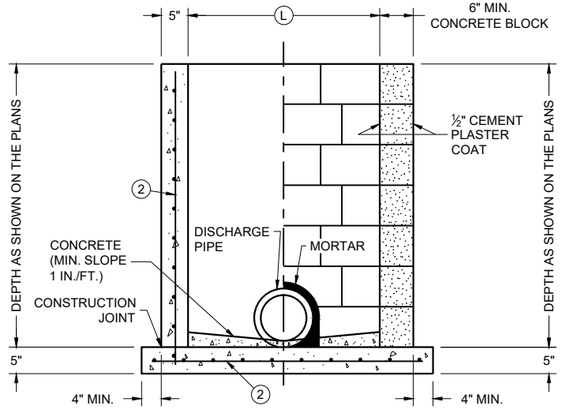
PLAN VIEW



PRECAST REINFORCED CONCRETE WITH MONOLITHIC BASE

PRECAST REINFORCED CONCRETE WITH INTEGRAL BASE

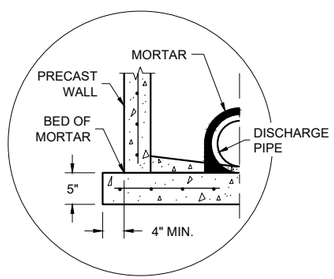
SECTION A - A



CAST IN PLACE REINFORCED CONCRETE

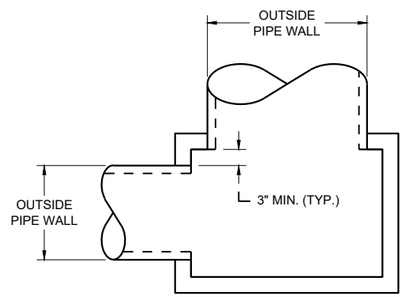
CONCRETE BLOCK WITH CAST IN PLACE OR PRECAST REINFORCED CONCRETE BASE (1)

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

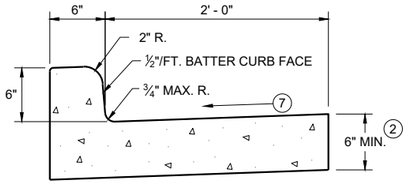
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
December 2023
DATE

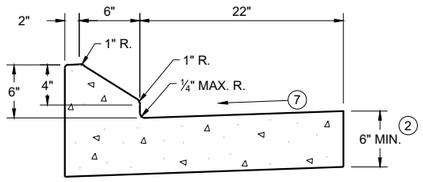
/S/ Rodney Taylor
ROADWAY STANDARDS DEVELOPMENT UNIT SUPERVISOR

FHWA

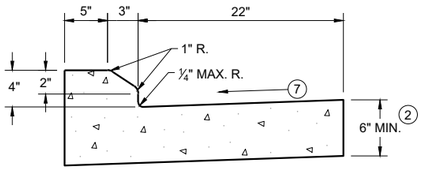
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SDD 08C07-03



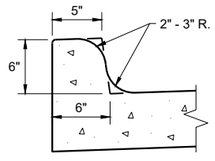
TYPES A (1) & D



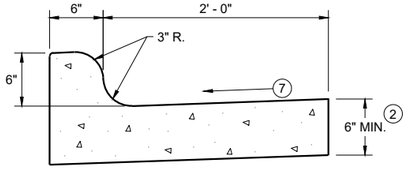
6" SLOPED CURB TYPES G (1) & J



4" SLOPED CURB TYPES G (1) & J

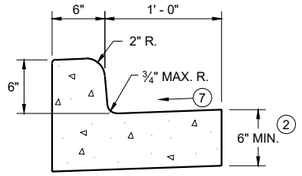


TYPES K (1) & L
(OPTIONAL CURB SHAPE)



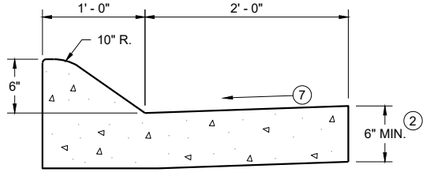
TYPES K (1) & L

CONCRETE CURB AND GUTTER 30"

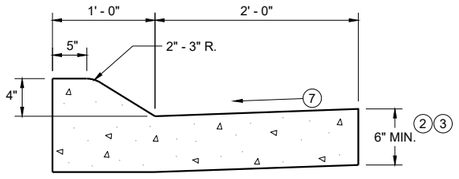


TYPES A (1) & D

CONCRETE CURB AND GUTTER 18"

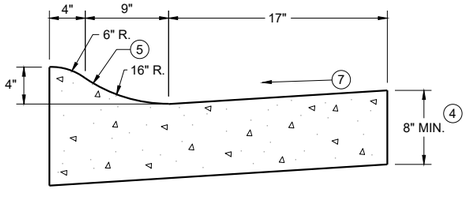


6" SLOPED CURB TYPES A (1) & D



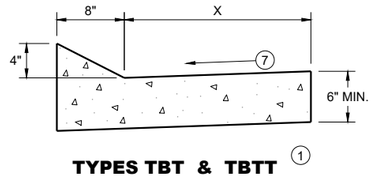
4" SLOPED CURB TYPES A (1) & D

CONCRETE CURB AND GUTTER 36"



4" SLOPED CURB TYPES R (1) & T
CONCRETE CURB AND GUTTER 30"

TBT & TBTT	X
30"	22"
36"	28"

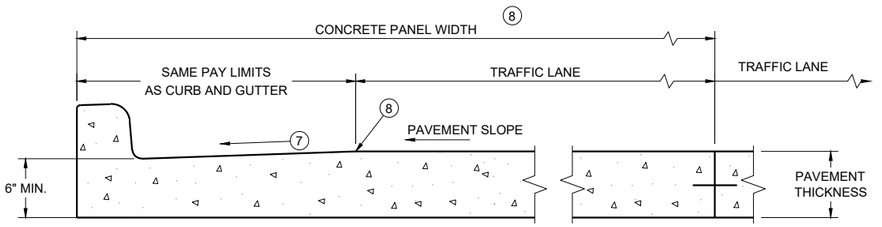


TYPES TBT & TBTT (1)

CONCRETE CURB AND GUTTER

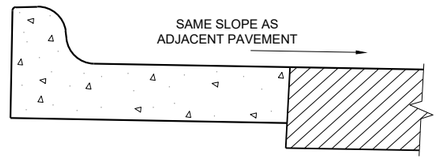
PAVEMENT THICKNESS AND MAXIMUM CONCRETE PANEL WIDTH TABLE

PAVEMENT THICKNESS	MAXIMUM PANEL WIDTH
LESS THAN 10"	12'
10" & ABOVE	15'



PARTIAL SECTION OF PAVEMENT * WITH INTEGRAL CURB AND GUTTER

* BIKE LANE IS NOT SHOWN



REVERSE SLOPE GUTTER (6)
(TYPICAL FOR ALL CURB & GUTTER TYPES)

GENERAL NOTES

DETAILS OF CONSTRUCTION AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

PAVEMENT TIES AND TIE BARS SHALL BE EPOXY COATED IN CONFORMANCE WITH SUBSECTION 505.2.6.2 OF THE STANDARD SPECIFICATIONS.

INTEGRAL CURB AND GUTTER SHALL CONFORM TO THE DETAILS SHOWN FOR CONCRETE CURB AND GUTTER INCLUDING THE TRANSVERSE GUTTER SLOPE.

UNLESS OTHERWISE SHOWN ON THE TYPICAL CROSS SECTIONS, THE BASE AGGREGATE AND COMMON EXCAVATION LIMITS ARE 2' - 0" BEHIND THE BACK OF CURBS.

(1) TIE BARS ARE REQUIRED FOR CURB AND GUTTERS TYPES A, G, K, R, AND TBTT.

(2) THE BOTTOM OF CURB AND GUTTER MAY BE CONSTRUCTED EITHER LEVEL OR PARALLEL TO THE SLOPE OF THE SUBGRADE OR BASE AGGREGATE PROVIDED A 6" MINIMUM GUTTER THICKNESS IS MAINTAINED.

(3) USE 8" MINIMUM GUTTER THICKNESS WHEN USED WITH AN ADJACENT CONCRETE TRUCK APRON PLACED BEHIND BACK OF CURB.

(4) THE BOTTOM OF CURB AND GUTTER MAY BE CONSTRUCTED EITHER LEVEL OR PARALLEL TO THE SLOPE OF THE SUBGRADE OR BASE AGGREGATE PROVIDED A 8" MINIMUM GUTTER THICKNESS IS MAINTAINED.

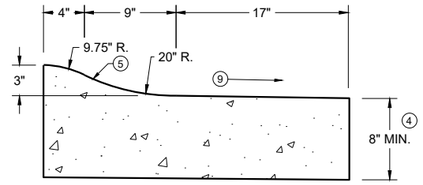
(5) UNLESS OTHERWISE NOTED, FOR STAKING PURPOSES THE FACE OF CURB IS 6" FROM THE BACK OF CURB.

(6) WHEN REVERSE SLOPE GUTTER IS REQUIRED, THE LOCATION(S) WILL BE SHOWN ELSEWHERE IN THE PLAN.

(7) USE 4% GUTTER CROSS SLOPE UNLESS OTHERWISE NOTED IN THE PLANS.

(8) INCLUDE LONGITUDINAL JOINT AND TIE BARS ALONG LANE EDGE WHEN CONCRETE PANEL WIDTH EXCEEDS THE MAXIMUM WIDTH PER TABLE BELOW. LONGITUDINAL JOINT(S) ARE NOT ALLOWED WITHIN TRAFFIC LANES AND BIKE LANES. LONGITUDINAL JOINT MAY BE SAWED.

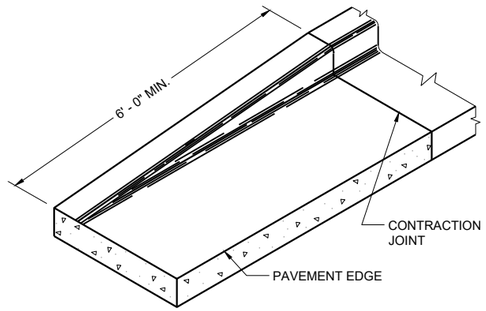
(9) SLOPE TO BE REVERSE SLOPE MATCHING THE SLOPE OF THE PAVEMENT AND THE CIRCULATORY ROADWAY



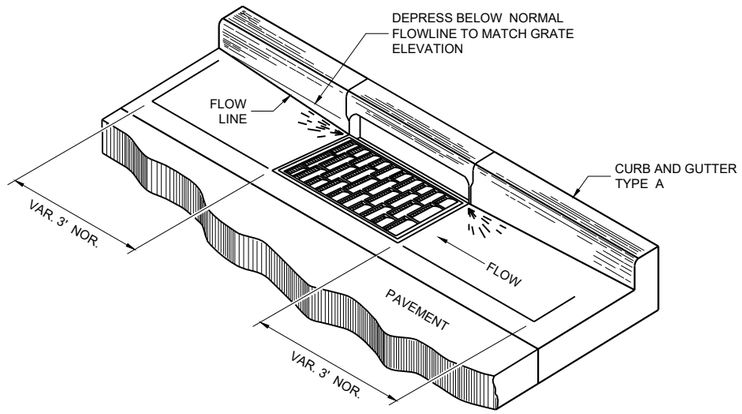
3" SLOPED CURB TYPES R (1) & T

CONCRETE CURB AND GUTTER

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



END SECTION CURB AND GUTTER



DETAIL OF CURB AND GUTTER AT INLETS

(TYPICAL H INLET COVER SHOWN)

GENERAL NOTES

DETAILS OF CONSTRUCTION AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

PAVEMENT TIES AND TIE BARS SHALL BE EPOXY COATED IN CONFORMANCE WITH SUBSECTION 505.2.6.2 OF THE STANDARD SPECIFICATIONS.

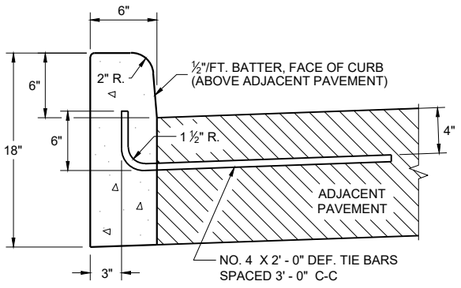
UNLESS OTHERWISE SHOWN ON THE TYPICAL CROSS SECTIONS, THE BASE AGGREGATE AND COMMON EXCAVATION LIMITS ARE 2' - 0" BEHIND THE BACK OF CURBS.

(1) TIE BARS ARE REQUIRED FOR CURB AND GUTTERS TYPES A, G, K, R, AND TBTT.

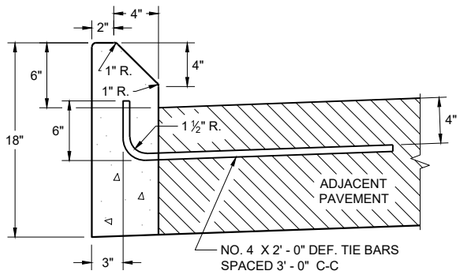
(2) THE BOTTOM OF CURB AND GUTTER MAY BE CONSTRUCTED EITHER LEVEL OR PARALLEL TO THE SLOPE OF THE SUBGRADE OR BASE AGGREGATE PROVIDED A 6" MINIMUM GUTTER THICKNESS IS MAINTAINED.

(10) REFER TO SDD 08D18 AND 08D19 FOR ADDITIONAL DRIVEWAY ENTRANCE CURB DETAILS.

(11) PLACE 1" THICK EXPANSION JOINT MATERIAL BETWEEN VERTICAL FACE CURB TYPES EXTENDING FROM THE TOP OF CURB TO 1 INCH BELOW THE ADJOINING CONCRETE SURFACE. RIGID CONCRETE STRUCTURES INCLUDE RAISED CONCRETE MEDIANS, CONCRETE SAFETY ISLANDS, SPLITTER ISLANDS, OR LOCATIONS IDENTIFIED ON THE PLANS.

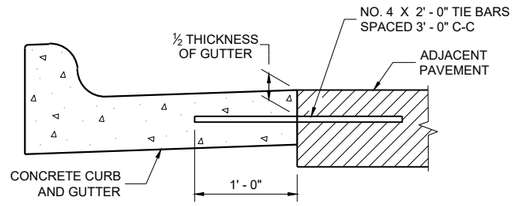


TYPES A (1) & D

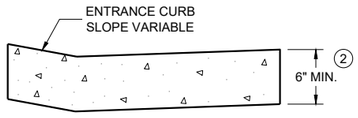


TYPES G (1) & J

CONCRETE CURB

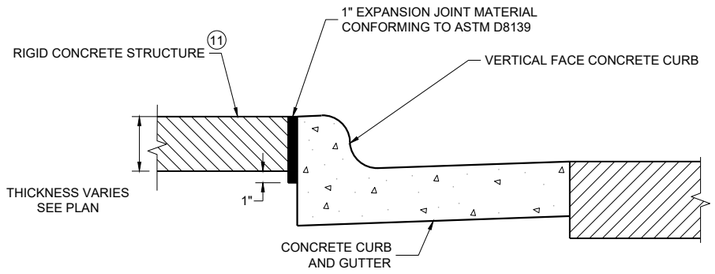


TYPICAL TIE BAR LOCATION (1)

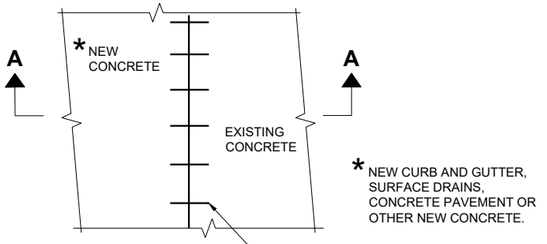


DRIVEWAY ENTRANCE CURB (10)

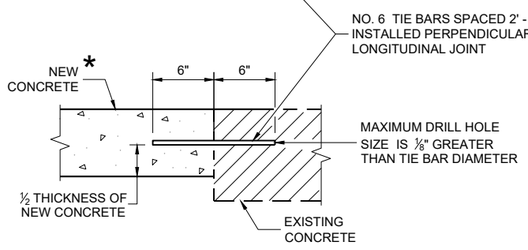
(WHEN DIRECTED BY THE ENGINEER)



EXPANSION JOINT DETAIL FOR VERTICAL CURB ABUTTING A RIGID STRUCTURE (11)



PLAN VIEW



SECTION A - A

TIE BARS DRILLED INTO EXISTING PAVEMENT

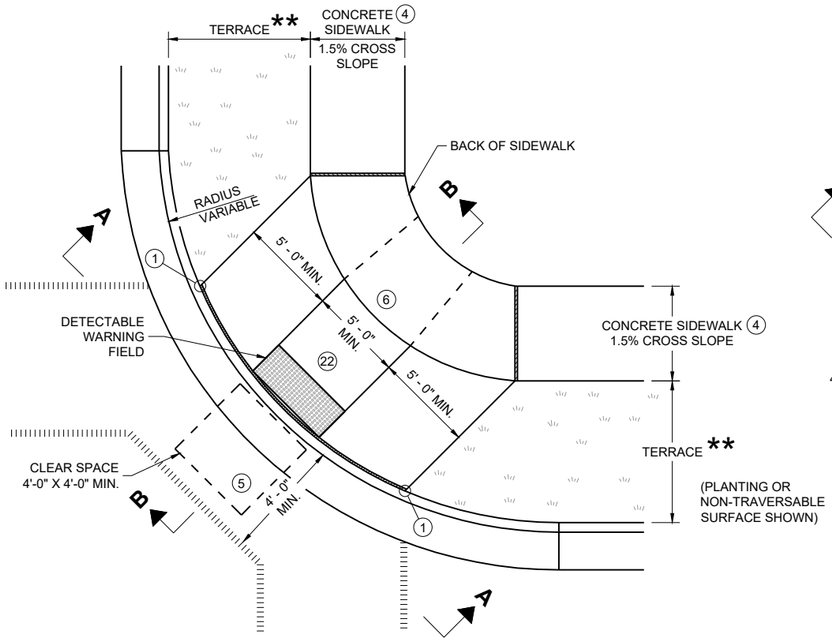
CONCRETE CURB, TIES AND CURB AND GUTTER APPLICATIONS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
February 2025 — DATE
/S/ Rodnery Taylor — ROADWAY STANDARDS DEVELOPMENT UNIT SUPERVISOR

FHWA

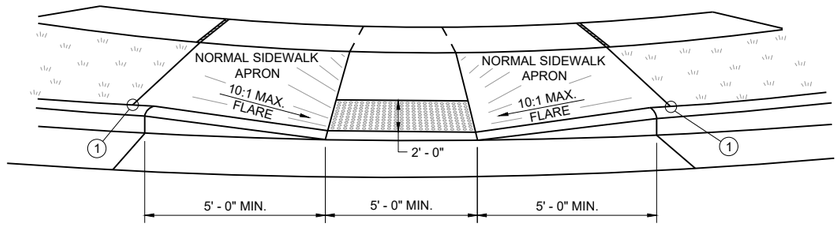
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SDD 08D01-24b



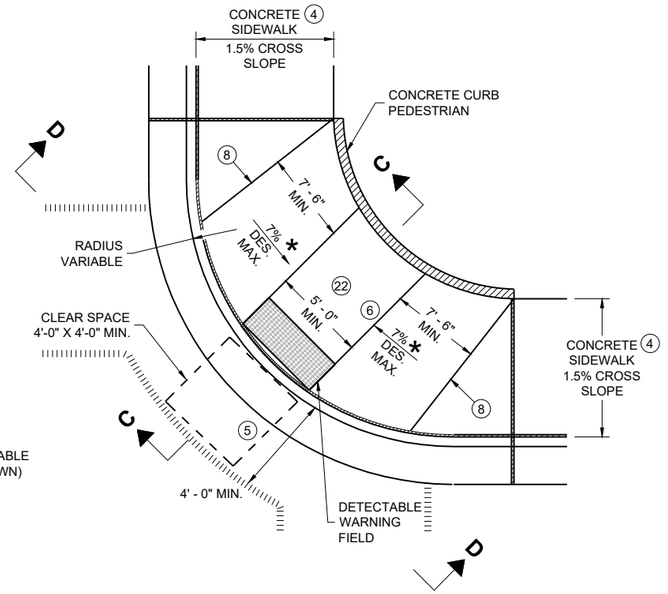
PLAN VIEW

CURB RAMP TYPE 1

(CENTER OF CORNER RADIUS)



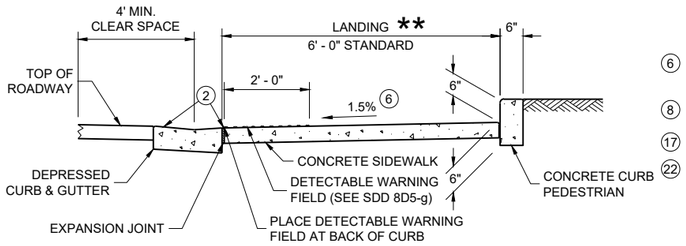
VIEW A - A FOR TYPE 1



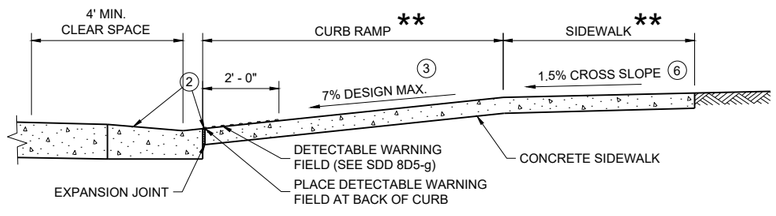
PLAN VIEW

CURB RAMP TYPE 1 - A

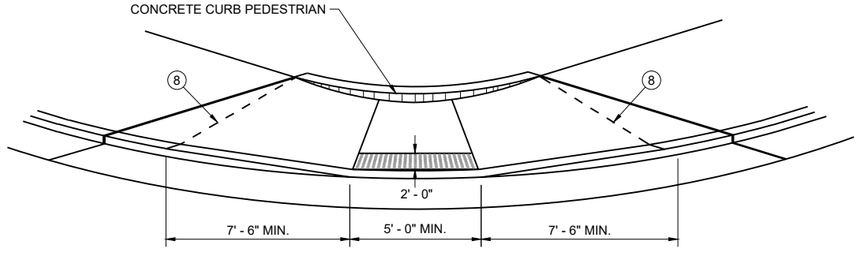
(NO TERRACE)



SECTION C - C FOR TYPE 1 - A



SECTION B - B FOR TYPE 1



VIEW D - D FOR TYPE 1 - A

GENERAL NOTES

AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF CURB RAMP ACCESS AREAS.

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

WHEN NECESSARY, THE SIDEWALK ELEVATION MAY BE LOWERED TO MEET THE HIGH POINT ON THE CURB RAMP.

TYPE 1 CURB RAMPS SHALL HAVE A NORMAL SIDEWALK APRON AND CURB ON BOTH SIDES OF CURB RAMP.

DETECTABLE WARNING FILED SHALL BE MEASURED AND PAID BY THE SQUARE FOOT AS "CURB RAMP DETECTABLE WARNING FIELD". THE CONCRETE PEDESTRIAN CURB, IF NEEDED, SHALL BE MEASURED AND PAID BY THE LINEAR FOOT AS "CONCRETE CURB PEDESTRIAN". CONCRETE SIDEWALK IN THE CURB RAMP AREA SHALL BE MEASURED AND PAID BY THE SQUARE FOOT AS CONCRETE SIDEWALK, INCLUDING THE AREA UNDER THE DETECTABLE WARNING FIELD.

SELECT CURB RAMP DETECTABLE WARNING FIELD MATERIALS AND DEVICES FROM THE DEPARTMENT'S APPROVED MATERIALS LIST. THE COLOR OF THE DETECTABLE WARNING FIELD IS SPECIFIED ELSEWHERE AND IS INCIDENTAL TO THE BID ITEM OF "CURB RAMP DETECTABLE WARNING FIELD"

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME MANUFACTURER.

SURFACE TEXTURE OF THE RAMP SHALL BE OBTAINED BY COARSE BROOMING TRANSVERSE TO THE SLOPE OF THE CURB RAMP.

(1) THIS POINT IS AN EXTENSION OF OUTSIDE EDGE OF APPROACHING SIDEWALK WHERE IT MEETS THE BACK OF CONCRETE CURB. POINT LOCATION MAY BE ADJUSTED TO ALIGN WITH BEGINNING OF FULL-HEIGHT CURB IF THIS DISTANCE IS SHORT.

(2) GRADE CHANGE BETWEEN GUTTER COUNTER SLOPE AND THE CURB RAMP SLOPE IS DESIRABLY 11% OR LESS AND SHALL NOT EXCEED 13.3%. TYPICAL GUTTER COUNTER SLOPE IS 4% BUT MAY BE MODIFIED TO FIT FIELD CONDITIONS. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5%, DESIRABLY 7% OR LESS, AND SHALL NOT EXCEED A MAXIMUM OF 8.3%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.

(3) MAXIMUM 8.3% CURB RAMP SLOPE IS ALLOWABLE WITH GUTTER COUNTER SLOPE OF 5% MAXIMUM AND A 13.3% MAXIMUM GRADE CHANGE.

(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2.1% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

(5) PROVIDE A CLEAR SPACE IN THE STREET AND GUTTER AREA. WHEN THE GUTTER CROSS SLOPE EXCEEDS 2.1%, CONSTRUCT THE CLEAR SPACE IN THE STREET AREA AND THE 4 FOOT WIDTH IS MEASURED FROM THE FLANGE LINE. FOR RECONSTRUCTION AND MODERNIZATION PROJECTS THE CLEAR SPACE SLOPE PARALLEL TO THE CURBLINE SHOULD BE 2.1% MAX FOR CROSSINGS THAT ARE STOP AND YIELD CONTROLLED, AND 5% MAX FOR THOSE THAT ARE SIGNAL CONTROLLED. FOR PERPETUATION AND REHABILITATION PROJECTS THE SLOPE OF THE CLEAR SPACE PARALLEL TO THE CURBLINE WILL MATCH THE ROADWAY LONGITUDINAL SLOPE. THE SLOPE OF THE CLEAR SPACE PERPENDICULAR TO THE CURBLINE WILL MATCH THE ROADWAY CROSS SLOPE BUT SHOULD NOT EXCEED 5% UNLESS THE ROADWAY IS SUPERELEVATED (WHEN SUPERELEVATED THE ROADWAY CROSS SLOPE SHOULD MATCH THE SUPERELEVATION).

(6) PROVIDE A 5 FOOT BY 5 FOOT LANDING. SLOPE PERPENDICULAR TO CURB SHALL BE 2.1% MAXIMUM. SLOPE PARALLEL TO CURB SHALL MATCH THE CURB AND GUTTER LONGITUDINAL SLOPE.

(8) PROVIDE GRADE BREAK PERPENDICULAR TO DIRECTION OF WHEELCHAIR TRAVEL.

(17) A MAXIMUM 2-INCH CONCRETE BORDER IS PERMITTED ALONG ALL SIDES OF THE DETECTABLE WARNING FIELD SURFACE.

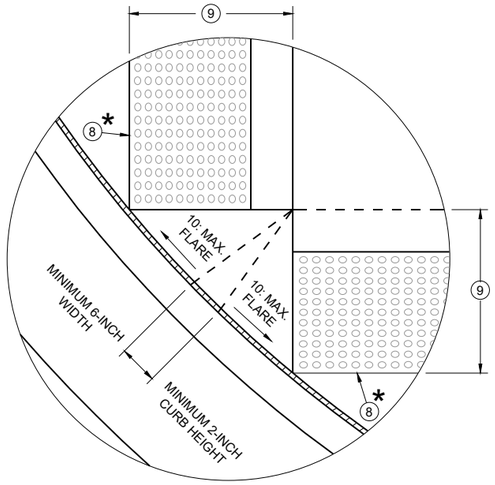
(22) THE ENTIRE RAMP SHALL BE A PLANAR SURFACE. DO NOT WARP THE RUNNING SLOPE OR CROSS SLOPE OF THE RAMP. WARPING OF THE SIDEWALK CROSS SLOPE SHALL TAKE PLACE BETWEEN THE LANDING AND MATCH POINT.

LEGEND

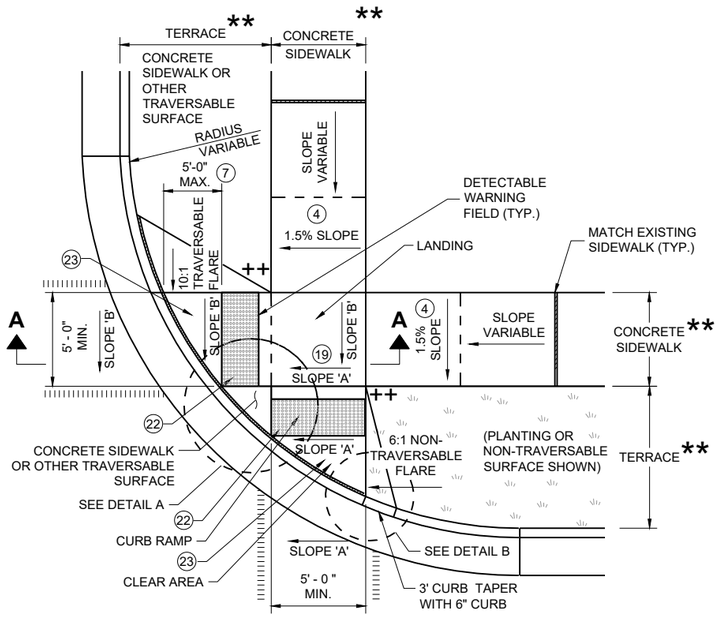
- ½" EXPANSION JOINT SIDEWALK
- CONTRACTION JOINT FIELD LOCATED
- PAVEMENT MARKING CROSSWALK (WHITE)
- * MAXIMUM 8.3%
- ** WIDTH SHOWN ELSEWHERE IN THE PLANS

CURB RAMPS TYPE 1 AND 1-A

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



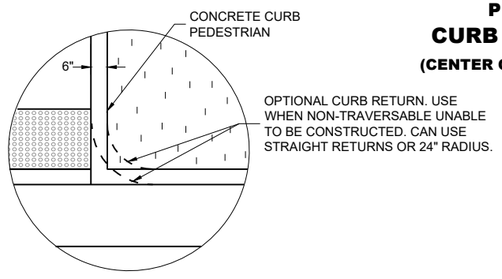
DETAIL A



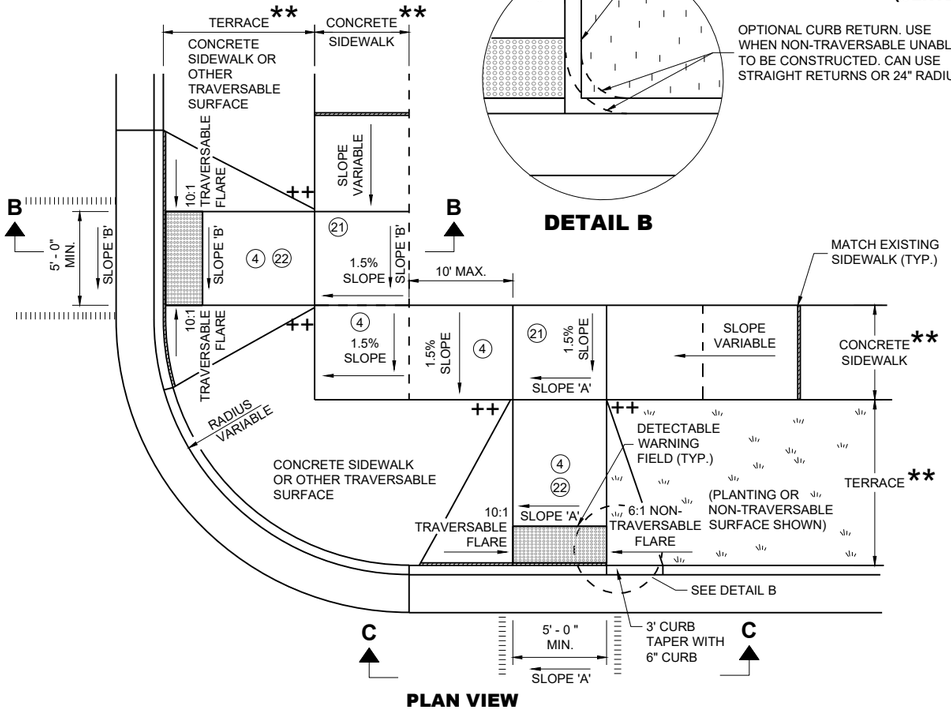
PLAN VIEW

CURB RAMP TYPE 2

(CENTER OF CORNER RADIUS)



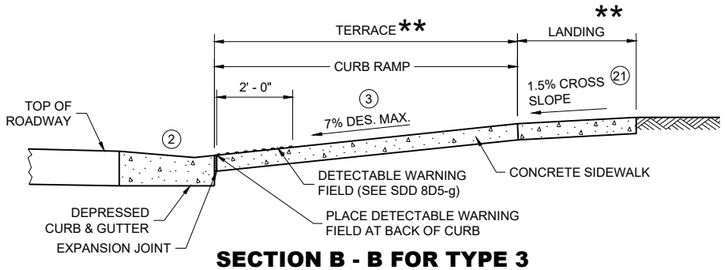
DETAIL B



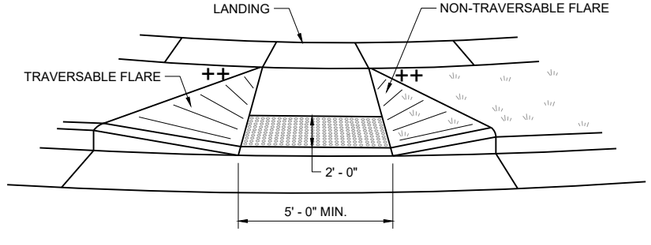
PLAN VIEW

CURB RAMP TYPE 3

(OUTSIDE OF CROSSWALK AREA)



SECTION B - B FOR TYPE 3



VIEW C - C FOR TYPE 3

GENERAL NOTES

AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF CURB RAMP ACCESS AREAS.

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE SHALL BE FROM THE SAME MANUFACTURER.

(2) GRADE CHANGE BETWEEN GUTTER COUNTER SLOPE AND THE CURB RAMP SLOPE IS DESIRABLY 11% OR LESS AND SHALL NOT EXCEED 13.3%. TYPICAL GUTTER COUNTER SLOPE IS 4% BUT MAY BE MODIFIED TO FIT FIELD CONDITIONS. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5%, DESIRABLY 7% OR LESS, AND SHALL NOT EXCEED A MAXIMUM OF 8.3%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.

(3) MAXIMUM 8.3% CURB RAMP SLOPE IS ALLOWABLE WITH GUTTER COUNTER SLOPE OF 5% MAXIMUM AND A 13.3% MAXIMUM GRADE CHANGE.

(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2.1% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

(7) WHEN GRADE BREAK DISTANCE EXCEEDS 5 FEET, USE RADIAL DETECTABLE WARNING FIELD PER SDD 8D5-f.

(8) PROVIDE GRADE BREAK PERPENDICULAR TO DIRECTION OF WHEELCHAIR TRAVEL.

(9) WHEN DISTANCE IS LESS THAN 6' - 0", IT MAY BE DIFFICULT TO ACHIEVE A 7% DESIGN MAXIMUM SLOPE OR FLATTER ALONG THE RAMP. REDUCE CURB HEIGHT IN TRIANGLE AREA TO ACHIEVE 7% DESIGN MAXIMUM SLOPE OR FLATTER ON RAMP. CONSTRUCT 2-INCH MINIMUM CURB HEIGHT BETWEEN 10:1 FLARES.

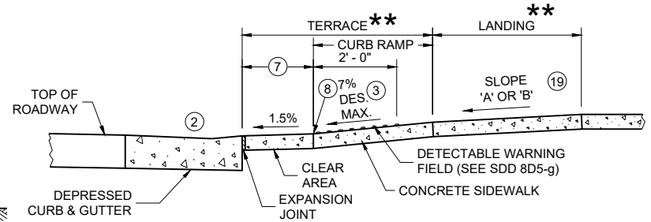
(17) A MAXIMUM 2-INCH CONCRETE BORDER IS PERMITTED ALONG ALL SIDES OF THE DETECTABLE WARNING FIELD SURFACE.

(19) WHERE A LANDING SERVES TWO CURB RAMPS, THE LANDING SLOPE SHALL NOT EXCEED THE CROSS SLOPE AT THE BOTTOM OF THE RAMP OR WITHIN THE CROSSWALK PARALLEL TO THE DIRECTION OF TRAVEL.

(21) PROVIDE A LANDING WITH A SLOPE PARALLEL TO ROADWAY THAT MATCHES SLOPE AT THE BOTTOM OF THE ADJACENT RAMP. SLOPE PERPENDICULAR TO ROADWAY SHALL BE 2.1% MAXIMUM. STANDARD LANDING SIZE IS 5 FEET BY 5 FEET.

(22) THE ENTIRE RAMP SHALL BE A PLANAR SURFACE. DO NOT WARP THE RUNNING SLOPE OR CROSS SLOPE OF THE RAMP. WARPING OF THE SIDEWALK CROSS SLOPE SHALL TAKE PLACE BETWEEN THE LANDING AND MATCH POINT.

(23) THE CLEAR AREA BETWEEN THE BOTTOM OF RAMP AND BACK OF CURB SHALL BE SLOPED SO THAT WATER DRAINS OUT OF ONE SIDE OR BOTH SIDES OF THE CURB OPENING.



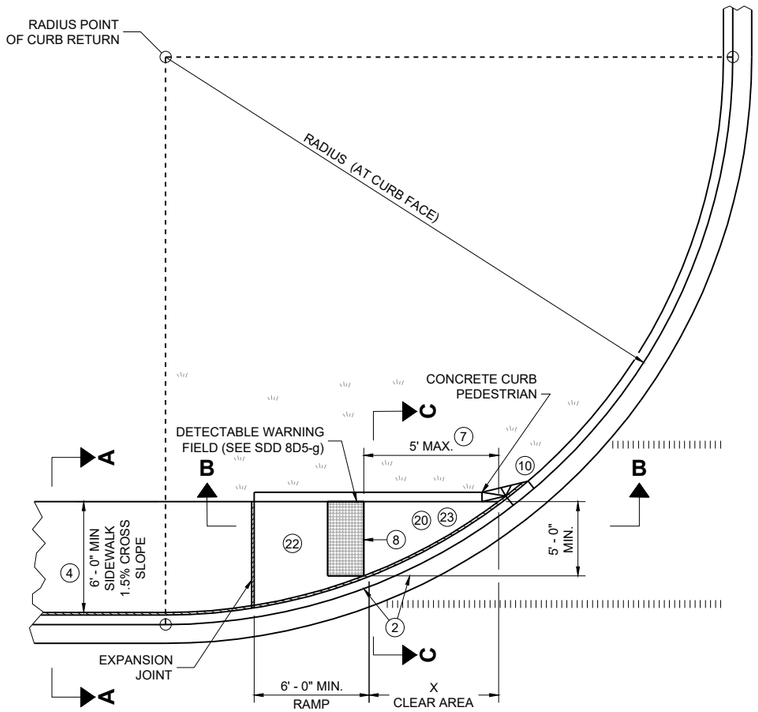
SECTION A - A FOR TYPE 2

LEGEND

- ½" EXPANSION JOINT SIDEWALK
- CONTRACTION JOINT SIDEWALK
- PAVEMENT MARKING CROSSWALK (WHITE)
- * MAXIMUM 2.1% SLOPE IN ALL DIRECTIONS IN FRONT OF GRADE BREAK
- ** WIDTH SHOWN ELSEWHERE IN THE PLANS
- ++ CONSTRUCT 6" WEDGE TO AVOID CONCRETE BREAKAGE

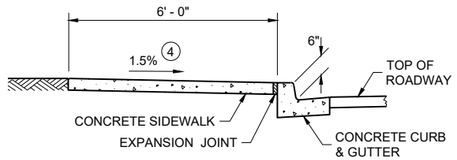
CURB RAMPS TYPE 2 AND 3

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

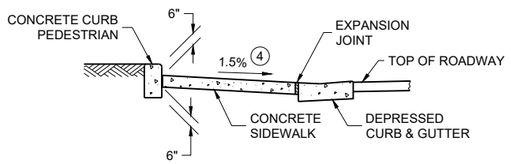


PLAN VIEW

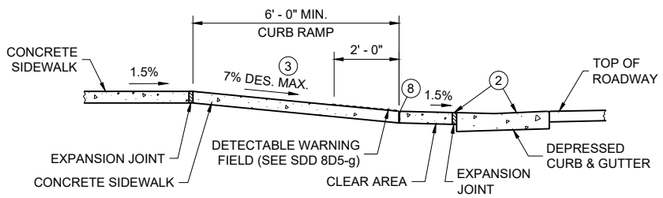
CURB RAMP TYPE 4A



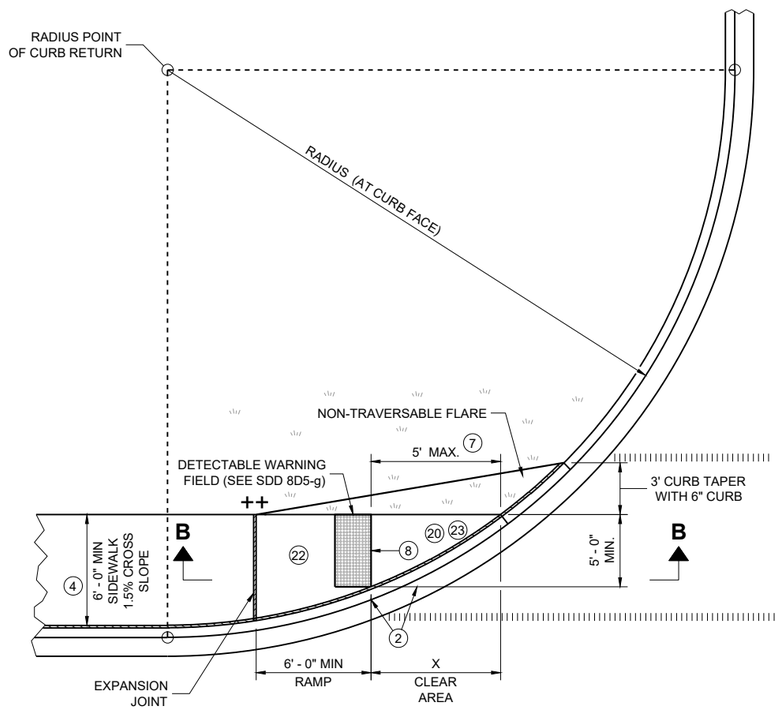
SECTION A - A FOR TYPE 4A



SECTION C - C FOR TYPE 4A



SECTION B - B FOR TYPE 4A AND TYPE 4A1



PLAN VIEW

CURB RAMP TYPE 4A1

LEGEND

- ½" EXPANSION JOINT SIDEWALK
- CONTRACTION JOINT SIDEWALK
- PAVEMENT MARKING CROSSWALK (WHITE)
- ++ CONSTRUCT 6" WEDGE TO AVOID CONCRETE BREAKAGE

RADIUS (AT CURB FACE)	X
10 FEET	4' - 7"

INTERMEDIATE RADII CAN BE INTERPOLATED

GENERAL NOTES

AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF CURB RAMP ACCESS AREAS.

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME MANUFACTURER.

(2) GRADE CHANGE BETWEEN GUTTER COUNTER SLOPE AND THE CURB RAMP SLOPE IS DESIRABLY 11% OR LESS AND SHALL NOT EXCEED 13.3%. TYPICAL GUTTER COUNTER SLOPE IS 4% BUT MAY BE MODIFIED TO FIT FIELD CONDITIONS. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5%, DESIRABLY 7% OR LESS, AND SHALL NOT EXCEED A MAXIMUM OF 8.3%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.

(3) MAXIMUM 8.3% CURB RAMP SLOPE IS ALLOWABLE WITH GUTTER COUNTER SLOPE OF 5% MAXIMUM AND A 13.3% MAXIMUM GRADE CHANGE.

(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2.1% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

(7) WHEN THIS GRADE BREAK DISTANCE EXCEEDS 5 FEET, USE RADIAL DETECTABLE WARNING FIELD PER SDD 8D5-f.

(8) PROVIDE GRADE BREAK PERPENDICULAR TO DIRECTION OF WHEELCHAIR TRAVEL.

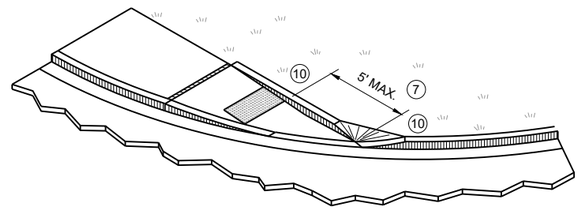
(10) INSTALL TRANSITION NOSE (INCIDENTAL TO OTHER PAY ITEMS). DO NOT MARK TRANSITION NOSE.

(17) A MAXIMUM 2-INCH CONCRETE BORDER IS PERMITTED ALONG ALL SIDES OF THE DETECTABLE WARNING FIELD SURFACE.

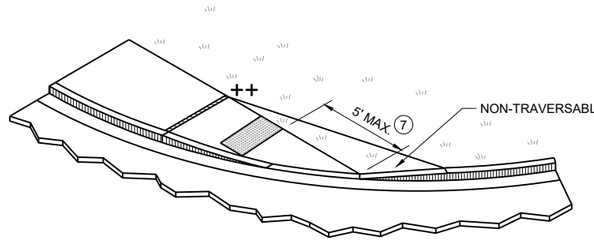
(20) MAXIMUM 1.5% DESIGN MAXIMUM AND 2.1% PROWAG MAXIMUM RUNNING SLOPE ON CLEAR AREA. CROSS SLOPE OF CLEAR AREA SHALL MATCH THE CROSS SLOPE OF THE ADJACENT CROSSWALK.

(22) THE ENTIRE RAMP SHALL BE A PLANAR SURFACE. DO NOT WARP THE RUNNING SLOPE OR CROSS SLOPE OF THE RAMP. WARPING OF THE SIDEWALK CROSS SLOPE SHALL TAKE PLACE BETWEEN THE LANDING AND MATCH POINT.

(23) THE CLEAR AREA BETWEEN THE BOTTOM OF RAMP AND BACK OF CURB SHALL BE SLOPED SO THAT WATER DRAINS OUT OF ONE SIDE OR BOTH SIDES OF THE CURB OPENING.



ISOMETRIC VIEW FOR TYPE 4A



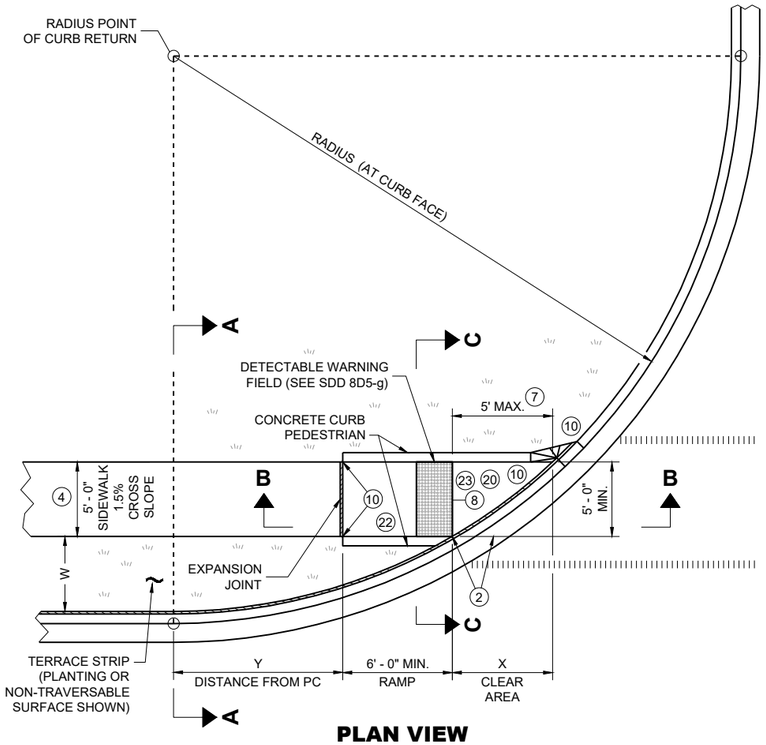
ISOMETRIC VIEW FOR TYPE 4A1

CURB RAMPS
TYPE 4A AND 4A1

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

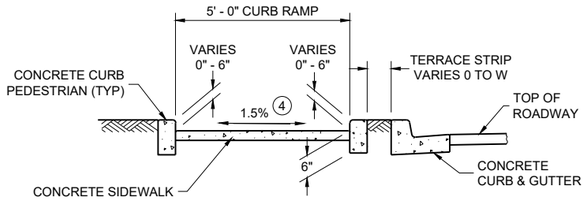
SDD 08D05-22c



PLAN VIEW
CURB RAMP TYPE 4B

RADIUS (AT CURB FACE)	W = 3' - 0"		W = 4' - 0"		W = 5' - 0"		W = 6' - 0"		W = 7' - 0"		W = 8' - 0"		W = 9' - 0"		W = 10' - 0"	
	X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	X	Y
10 FEET	2' - 10 ¼"	0' - 5"	2' - 1"	1' - 4 ½"	1' - 5"	2' - 1"	0' - 10"	2' - 7 ½"	0' - 3 ¼"	3' - 0 ¼"						
15 FEET	4' - 6 ¾"	2' - 1 ¾"	3' - 9"	3' - 5 ¾"	3' - 1 ¼"	4' - 6"	2' - 6 ¾"	5' - 4 ½"	2' - 1"	6' - 1"	1' - 8"	6' - 8 ½"	1' - 3 ¼"	7' - 2 ½"	0' - 10 ¾"	7' - 7 ¼"
20 FEET			4' - 11 ½"	5' - 1 ¾"	4' - 3 ¼"	6' - 5 ½"	3' - 8 ¾"	7' - 7"	3' - 3"	8' - 6 ½"	2' - 10"	9' - 4 ½"	2' - 5 ½"	10' - 1 ¼"	2' - 1 ¼"	10' - 9"
30 FEET									4' - 10 ¾"	12' - 5 ¾"	4' - 5 ½"	13' - 7 ¾"	4' - 0 ¾"	14' - 8 ½"	3' - 8 ½"	15' - 8 ¼"
40 FEET															4' - 10 ¾"	19' - 8 ¼"

INTERMEDIATE RADII CAN BE INTERPOLATED
DIMENSION "Y" IS CALCULATED BASED ON 6'-0" RAMP LENGTH
DIMENSION "X" IS CALCULATED BASED ON 5'-0" SIDEWALK WIDTH



SECTION C - C FOR TYPE 4B

LEGEND

- ½" EXPANSION JOINT SIDEWALK
- CONTRACTION JOINT SIDEWALK
- PAVEMENT MARKING CROSSWALK (WHITE)
- * MAXIMUM 2.1% SLOPE IN ALL DIRECTIONS IF FRONT OF GRADE BREAK
- ++ CONSTRUCT 6" WEDGE TO AVOID CONCRETE BREAKAGE

GENERAL NOTES

AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF CURB RAMP ACCESS AREAS.

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME MANUFACTURER.

(2) GRADE CHANGE BETWEEN GUTTER COUNTER SLOPE AND THE CURB RAMP SLOPE IS DESIRABLY 11% OR LESS AND SHALL NOT EXCEED 13.3%. TYPICAL GUTTER COUNTER SLOPE IS 4% BUT MAY BE MODIFIED TO FIT FIELD CONDITIONS. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5%, DESIRABLY 7% OR LESS, AND SHALL NOT EXCEED A MAXIMUM OF 8.3%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.

(3) MAXIMUM 8.3% CURB RAMP SLOPE IS ALLOWABLE WITH GUTTER COUNTER SLOPE OF 5% MAXIMUM AND A 13.3% MAXIMUM GRADE CHANGE.

(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2.1% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

(7) WHEN THIS GRADE BREAK DISTANCE EXCEEDS 5 FEET, USE RADIAL DETECTABLE WARNING FIELD PER SDD 8D5-f.

(8) PROVIDE GRADE BREAK PERPENDICULAR TO DIRECTION OF WHEELCHAIR TRAVEL.

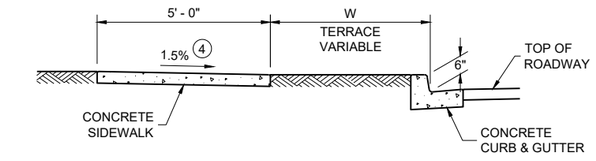
(10) INSTALL TRANSITION NOSE (INCIDENTAL TO OTHER PAY ITEMS). DO NOT MARK TRANSITION NOSE.

(17) A MAXIMUM 2-INCH CONCRETE BORDER IS PERMITTED ALONG ALL SIDES OF THE DETECTABLE WARNING FIELD SURFACE.

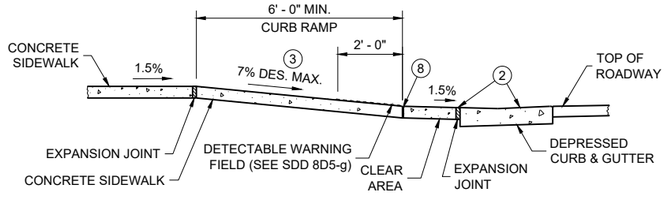
(20) MAXIMUM 1.5% DESIGN MAXIMUM AND 2.1% PROWAG MAXIMUM RUNNING SLOPE ON CLEAR AREA. CROSS SLOPE OF CLEAR AREA SHALL MATCH THE CROSS SLOPE OF THE ADJACENT CROSSWALK.

(22) THE ENTIRE RAMP SHALL BE A PLANAR SURFACE. DO NOT WARP THE RUNNING SLOPE OR CROSS SLOPE OF THE RAMP. WARPING OF THE SIDEWALK CROSS SLOPE SHALL TAKE PLACE BETWEEN THE LANDING AND MATCH POINT.

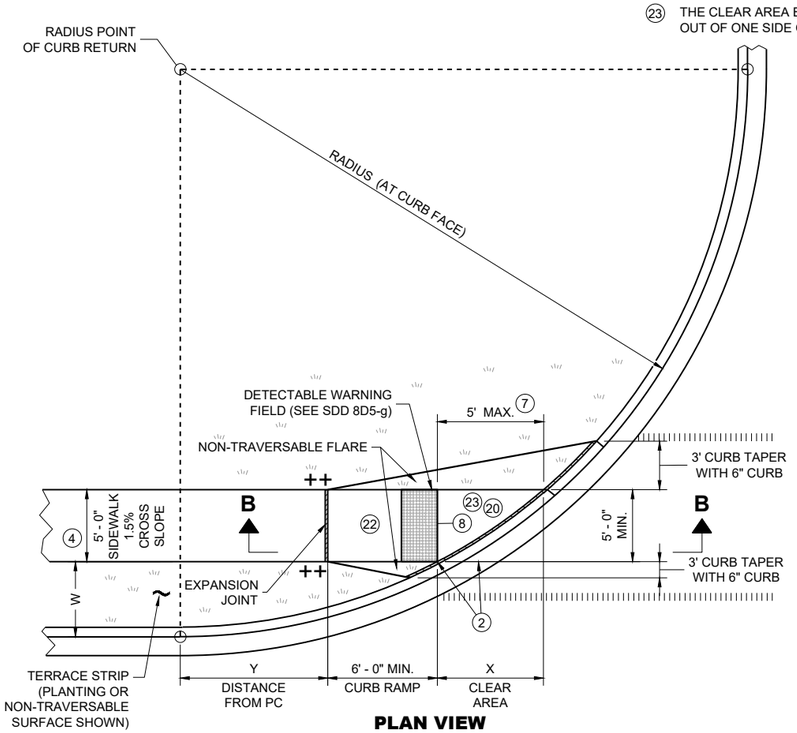
(23) THE CLEAR AREA BETWEEN THE BOTTOM OF RAMP AND BACK OF CURB SHALL BE SLOPED SO THAT WATER DRAINS OUT OF ONE SIDE OR BOTH SIDES OF THE CURB OPENING.



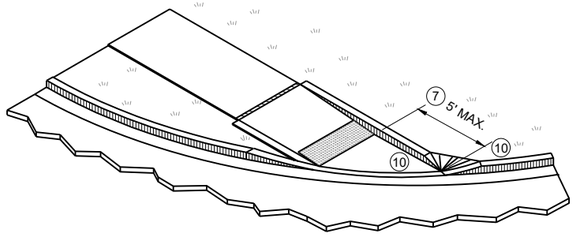
SECTION A - A FOR TYPE 4B



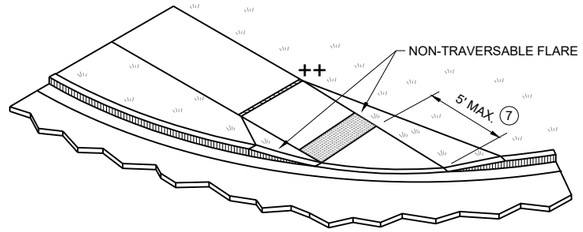
SECTION B - B FOR TYPE 4B AND TYPE 4B1



PLAN VIEW
CURB RAMP TYPE 4B1



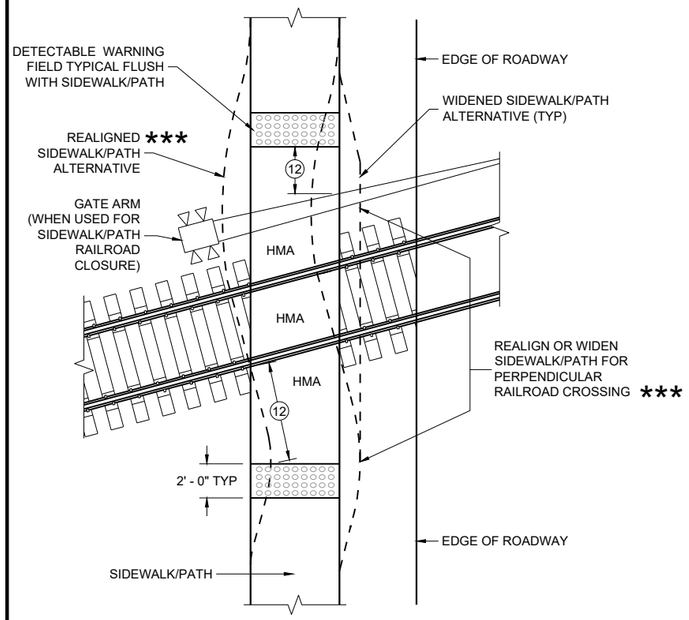
ISOMETRIC VIEW FOR TYPE 4B



ISOMETRIC VIEW FOR TYPE 4B1

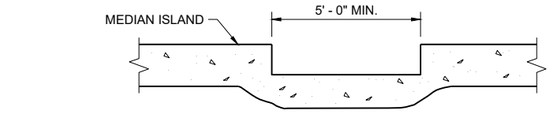
CURB RAMPS
TYPE 4B AND 4B1

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

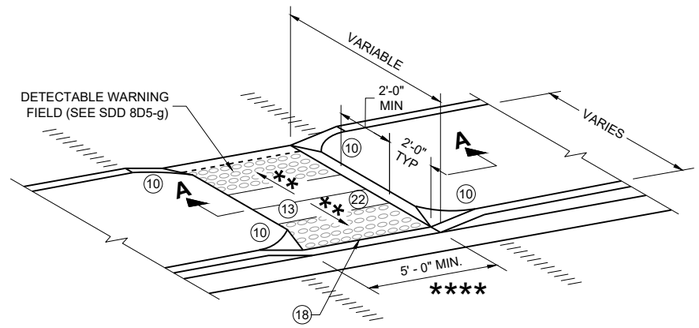


CURB RAMP TYPE 8

DETECTABLE WARNINGS FOR SIDEWALKS OR SHARED USE PATHS AT RAILROAD CROSSINGS



SECTION A - A FOR TYPE 5



CURB RAMP TYPE 5

MEDIAN ISLAND NON-ELEVATED PEDESTRIAN CROSSING

GENERAL NOTES

AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF CURB RAMP ACCESS AREAS.

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2.1%.

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME MANUFACTURER.

(2) GRADE CHANGE BETWEEN GUTTER COUNTER SLOPE AND THE CURB RAMP SLOPE IS DESIRABLY 11% OR LESS AND SHALL NOT EXCEED 13.3%. TYPICAL GUTTER COUNTER SLOPE IS 4% BUT MAY BE MODIFIED TO FIT FIELD CONDITIONS. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5%, DESIRABLY 7% OR LESS, AND SHALL NOT EXCEED A MAXIMUM OF 8.3%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.

(3) MAXIMUM 8.3% CURB RAMP SLOPE IS ALLOWABLE WITH GUTTER COUNTER SLOPE OF 5% MAXIMUM AND A 13.3% MAXIMUM GRADE CHANGE.

(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2.1% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

(6) PROVIDE A 5 FOOT BY 5 FOOT LANDING. SLOPE PERPENDICULAR TO CURB SHALL BE 2.1% MAXIMUM. SLOPE PARALLEL TO CURB SHALL MATCH THE CURB AND GUTTER LONGITUDINAL SLOPE.

(10) INSTALL TRANSITION NOSE (INCIDENTAL TO OTHER PAY ITEMS). DO NOT MARK TRANSITION NOSE.

(11) SLOPE SIDEWALK TOWARD LANDING AS SHOWN WHERE THERE IS NO TERRACE OR WHERE THE TERRACE WIDTH IS LESS THAN 6 FEET WIDE.

(12) THE EDGE OF THE DETECTABLE WARNING FIELD NEAREST TO A RAILROAD CROSSING SHALL BE 1.5 FEET ±0.1' FROM THE FACE OF THE GATE ARM IF THE GATE ARM EXTENDS ACROSS THE SIDEWALK/PATH, WHERE THERE IS NO PEDESTRIAN GATE, THE EDGE OF THE DETECTABLE WARNING FIELD NEAREST TO THE RAILROAD TRACK IS 15 FEET MAXIMUM AND 12 FEET MINIMUM, 15 FEET TYPICAL FROM THE NEAREST RAIL.

(13) DO NOT INSTALL DETECTABLE WARNING FIELDS AT THE EDGES OF STEET-LEVEL PEDESTRIAN REFUGE ISLANDS IF A MINIMUM 2 FOOT CONCRETE SURFACE WITHOUT DETECTABLE WARNINGS (MEASURED IN THE DIRECTION OF PEDESTRIAN TRAVEL) CANNOT BE ACHIEVED.

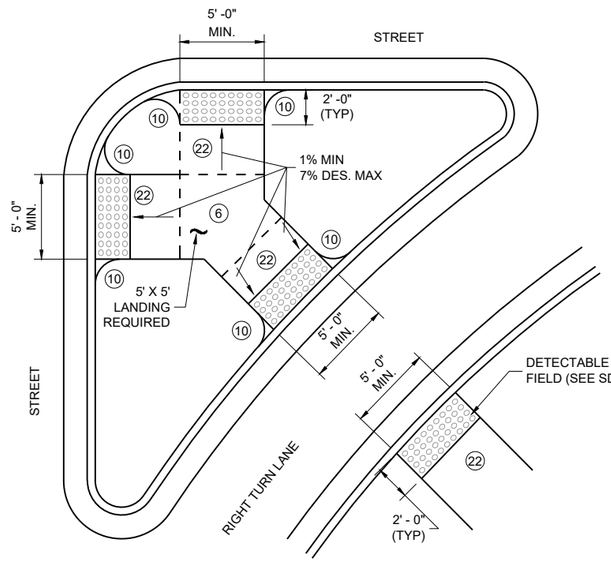
(17) A MAXIMUM 2-INCH CONCRETE BORDER IS PERMITTED ALONG ALL SIDES OF THE DETECTABLE WARNING FIELD SURFACE.

(18) WHEN THE DISTANCE BETWEEN THE BACK OF CURBS IS LESS THAN 6 FEET BUT THE FACE OF CURB TO FACE OF CURB DISTANCE IS 6 FEET OR GREATER THEN THE DETECTABLE WARNING FIELDS MAY BE MOVED SO THAT THE EDGE OF THE WARNING FIELD IS PLACED AT THE GUTTER FLOWLINE. MAINTAIN A MINIMUM OF TWO FEET BETWEEN DETECTABLE WARNING FIELD PANELS.

(22) THE ENTIRE RAMP SHALL BE A PLANAR SURFACE. DO NOT WARP THE RUNNING SLOPE OR CROSS SLOPE OF THE RAMP. WARPING OF THE SIDEWALK CROSS SLOPE SHALL TAKE PLACE BETWEEN THE LANDING AND MATCH POINT.

CURB RAMP TYPE 7A

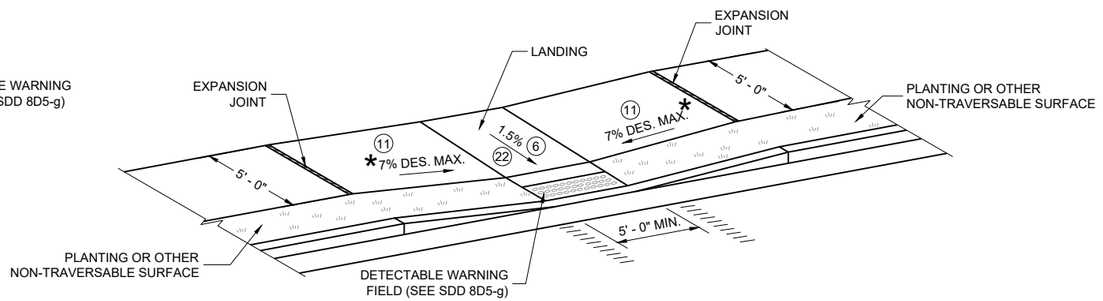
FOR INTERSECTIONS AND MID BLOCK CROSSINGS



CURB RAMP TYPE 6

DETECTABLE WARNING AT ISLANDS

REFER TO GENERAL NOTES (2) AND (3) FOR ALL ISLAND CURB RAMPS

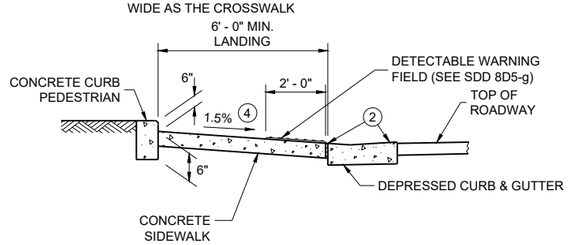


CURB RAMP TYPE 7B

FOR INTERSECTIONS AND MID BLOCK CROSSINGS

LEGEND

- ½" EXPANSION JOINT SIDEWALK
- CONTRACTION JOINT FIELD LOCATED
- PAVEMENT MARKING CROSSWALK (WHITE)
- * MAXIMUM 8.3%
- ** 1% MINIMUM (PROVIDE DRAINAGE)
- *** DETAILS TO BE DETERMINED BY ENGINEER
- **** FOR SHARED USE PATHS, WIDTH MUST BE AS WIDE AS THE CROSSWALK

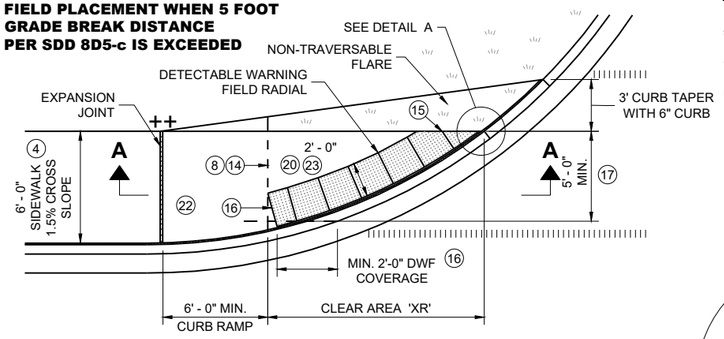


SECTION B - B FOR TYPE 7A

CURB RAMPS
TYPE 5, 6, 7A, 7B & 8

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

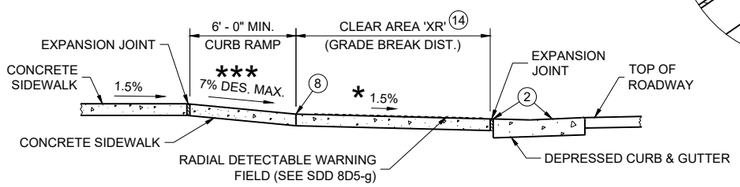
RADIAL DETECTABLE WARNING FIELD PLACEMENT WHEN 5 FOOT GRADE BREAK DISTANCE PER SDD 8D5-c IS EXCEEDED



PLAN VIEW

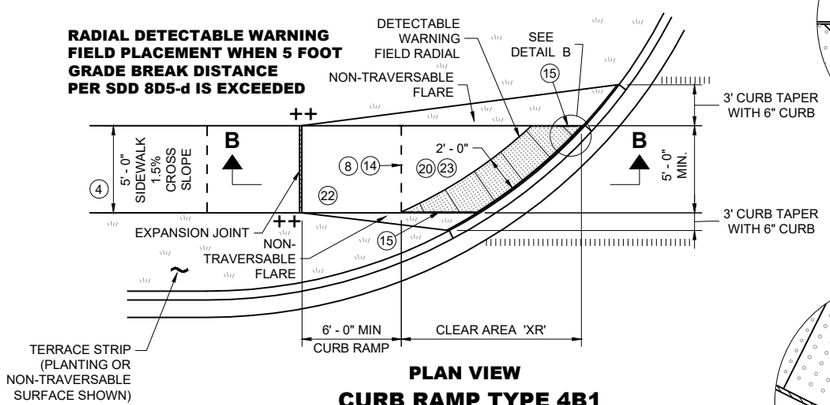
CURB RAMP TYPE 4A1

(GRADE BREAK DISTANCE GREATER THAN 5 FEET)



SECTION A - A FOR TYPE 4A1

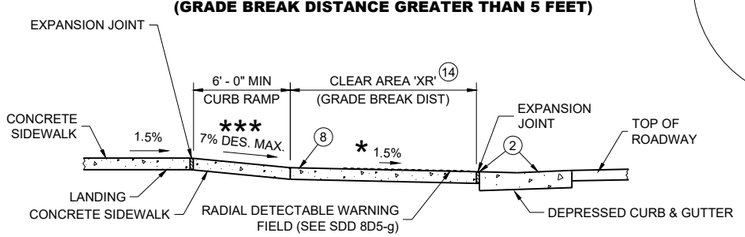
RADIAL DETECTABLE WARNING FIELD PLACEMENT WHEN 5 FOOT GRADE BREAK DISTANCE PER SDD 8D5-d IS EXCEEDED



PLAN VIEW

CURB RAMP TYPE 4B1

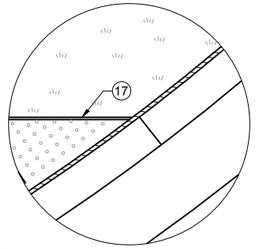
(GRADE BREAK DISTANCE GREATER THAN 5 FEET)



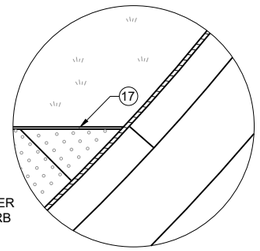
SECTION B - B FOR TYPE 4B1

LEGEND

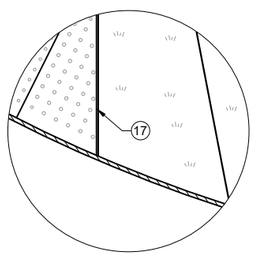
═══	½" EXPANSION JOINT SIDEWALK
– – – –	CONTRACTION JOINT SIDEWALK
ıı ıı ıı ıı	PAVEMENT MARKING CROSSWALK (WHITE)
**	WIDTH SHOWN ELSEWHERE IN THE PLANS
***	MAXIMUM 8.3%
++	CONSTRUCT 6" WEDGE TO AVOID CONCRETE BREAKAGE



DETAIL A

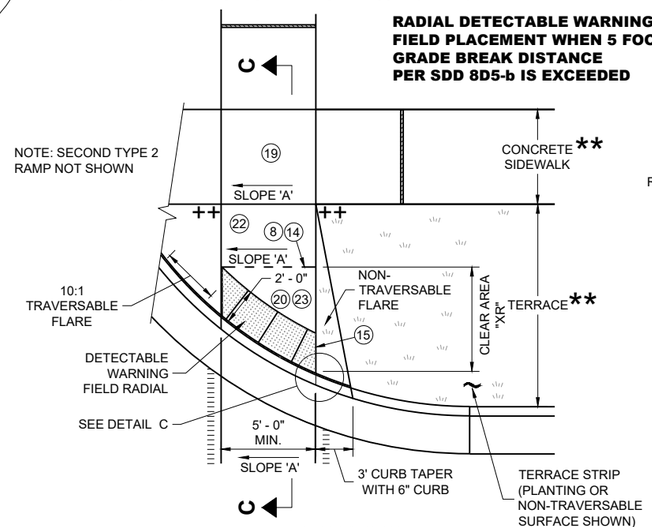


DETAIL B



DETAIL C

RADIAL DETECTABLE WARNING FIELD PLACEMENT WHEN 5 FOOT GRADE BREAK DISTANCE PER SDD 8D5-b IS EXCEEDED

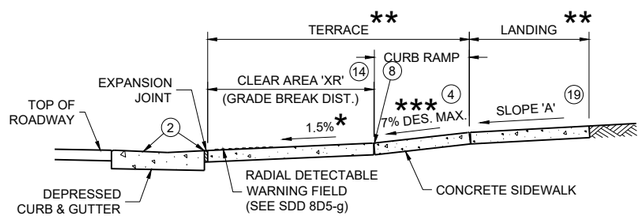


PLAN VIEW

CURB RAMP TYPE 2

(GRADE BREAK DISTANCE GREATER THAN 5 FEET)

(ON LINE WITH SIDEWALK)



SECTION C - C FOR TYPE 2

GENERAL NOTES

AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF CURB RAMP ACCESS AREAS.

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME MANUFACTURER.

APPLY RADIAL DETECTABLE WARNING PLACEMENT SIMILARLY FOR TYPE 4A AND 4A1 CURB RAMPS AND SIMILARLY FOR TYPE 4B AND 4B1 CURB RAMPS. TYPE 4A AND 4B CURB RAMPS ARE NOT SHOWN.

REFER TO SDD 8D5-g FOR ADDITIONAL RADIAL PLATE REQUIREMENTS.

FIELD CUTS AT INTERMEDIATE JOINTS WITHIN THE RADIAL DETECTABLE WARNING FILED ARE PROHIBITED.

DETERMINE FINAL RADIAL WARNING FIELD CONFIGURATION AD ITS INDIVIDUAL PLATE LOCATIONS. PERFORM PRE-LAYOUT PRIOR TO PLACEMENT IN PLASTIC CONCRETE. FOLLOW MANUFACTURER'S PRODUCT LIST AND INSTALLATION RECOMMENDATIONS.

(2) GRADE CHANGE BETWEEN GUTTER COUNTER SLOPE AND THE CURB RAMP SLOPE IS DESIRABLY 11% OR LESS AND SHALL NOT EXCEED 13.3%. TYPICAL GUTTER COUNTER SLOPE IS 4% BUT MAY BE MODIFIED TO FIT FIELD CONDITIONS. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5%, DESIRABLY 7% OR LESS, AND SHALL NOT EXCEED A MAXIMUM OF 8.3%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.

(3) MAXIMUM 8.3% CURB RAMP SLOPE IS ALLOWABLE WITH GUTTER COUNTER SLOPE OF 5% MAXIMUM AND A 13.3% MAXIMUM GRADE CHANGE.

(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2.1% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

(6) PROVIDE A 5 FOOT BY 5 FOOT LANDING. SLOPE PERPENDICULAR TO CURB SHALL BE 2.1% MAXIMUM. SLOPE PARALLEL TO CURB SHALL MATCH THE CURB AND GUTTER LONGITUDINAL SLOPE.

(8) PROVIDE GRADE BREAK PERPENDICULAR TO DIRECTION OF WHEELCHAIR TRAVEL.

(14) CONSULT ENGINEER IF GRADE BREAK LOCATION (END OF LANDING DIMENSION "XR") REQUIRES FIELD ADJUSTMENT WHEN ESTABLISHING FINAL RADIAL DETECTABLE WARNING FIELD LOCATION.

(15) FIELD SAW CUTS ALONG RADIAL DETECTABLE WARNING PLATES WILL BE NECESSARY TO MATCH EACH CURB RAMP EDGE. AVOID CUTTING THROUGH DOMES WHENEVER POSSIBLE. MAKE FIELD CUTS TRUE TO LINE AND WITHIN ⅛" DEVIATION. SMOOTH EDGES OF FIELD CUT PLATES.

(16) USE 1' X 2" RECTANGULAR END PLATE AT END OF TYPE 4A1 RAMP AND PROVIDE MINIMUM 2' - 0" DETECTABLE WARNING FIELD COVERAGE (IN DIRECTION OF PEDESTRIAN TRAVEL) ALONG THE ENTIRE CURB RAMP WIDTH.

(17) A MAXIMUM 2-INCH CONCRETE BORDER IS PERMITTED ALONG ALL SIDES OF THE DETECTABLE WARNING FIELD SURFACE.

(19) WHERE A LANDING SERVES TWO CURB RAMPS, THE LANDING SLOPE SHALL NOT EXCEED THE CROSS SLOPE AT THE BOTTOM OF THE RAMP OR WITHIN THE CROSSWALK PARALLEL TO THE DIRECTION OF TRAVEL.

(20) MAXIMUM 1.5% DESIGN MAXIMUM AND 2.1% PROWAG MAXIMUM RUNNING SLOPE ON CLEAR AREA. CROSS SLOPE OF CLEAR AREA SHALL MATCH THE CROSS SLOPE OF THE ADJACENT CROSSWALK.

(22) THE ENTIRE RAMP SHALL BE A PLANAR SURFACE. DO NOT WARP THE RUNNING SLOPE OR CROSS SLOPE OF THE RAMP. WARPING OF THE SIDEWALK CROSS SLOPE SHALL TAKE PLACE BETWEEN THE LANDING AND MATCH POINT.

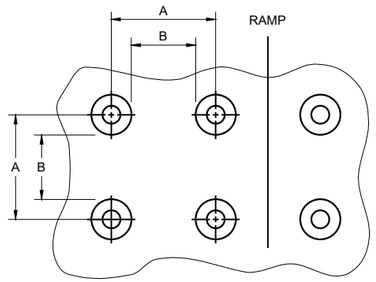
(23) THE CLEAR AREA BETWEEN THE BOTTOM OF RAMP AND BACK OF CURB SHALL BE SLOPED SO THAT WATER DRAINS OUT OF ONE SIDE OR BOTH SIDES OF THE CURB OPENING.

CURB RAMPS
RADIAL DETECTABLE WARNING

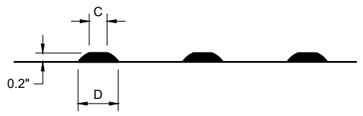
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

	MIN.	MAX.
A	1.6"	2.4"
B	0.65"	1.5"
C	*	*
D	0.9"	1.4"

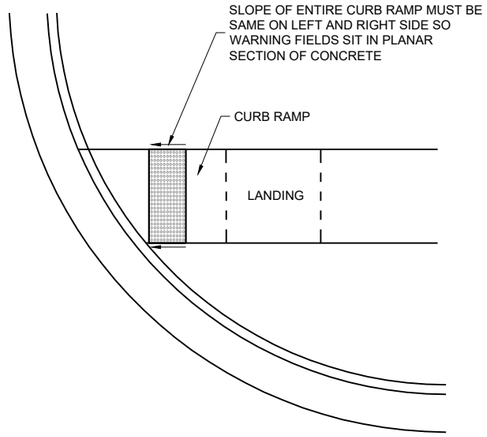
* THE C DIMENSION IS 50% TO 65% OF THE D DIMENSION.



PLAN VIEW



ELEVATION VIEW



DETECTABLE WARNING FIELD
PLANAR INSTALLATION

GENERAL NOTES

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AT A CURB RAMP SHALL BE FROM THE SAME MANUFACTURER.

PLACE ALL DETECTABLE WARNING FIELD SYSTEMS IN ACCORDANCE TO THE MANUFACTURER'S RECOMMENDATION.

FIELD CUTS AT INTERMEDIATE JOINTS WITHIN THE RADIAL DETECTABLE WARNING FILED ARE PROHIBITED.

DETERMINE FINAL RADIAL WARNING FIELD CONFIGURATION AND ITS INDIVIDUAL PLATE LOCATIONS. PERFORM PRE-LAYOUT PRIOR TO PLACEMENT IN PLASTIC CONCRETE. FOLLOW MANUFACTURER'S PRODUCT LIST AND INSTALLATION RECOMMENDATIONS.

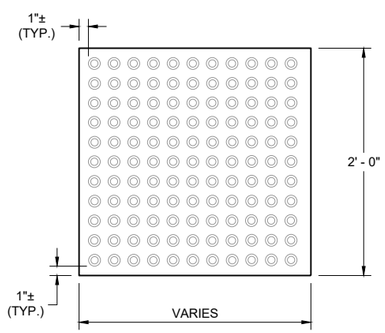
FOR RADIAL DETECTABLE WARNING FIELD APPLICATIONS WHERE STANDARD RADIAL PLATES ARE NOT AVAILABLE AT AN INTERSECTION CURB RADIUS, A COMBINATION OF SQUARE OR RECTANGULAR PLATES AND RADIAL PLATES MAY BE USED TO FORM RADIAL CONFIGURATION. RADIAL WEDGE PLATES IN COMBINATION WITH SQUARE PLATES ARE ALSO ACCEPTABLE. FOLLOW MANUFACTURER'S RECOMMENDATIONS.

REFER TO CONTRACT AND STANDARD SPECIFICATIONS FOR FIELD CUTTING REQUIREMENTS.

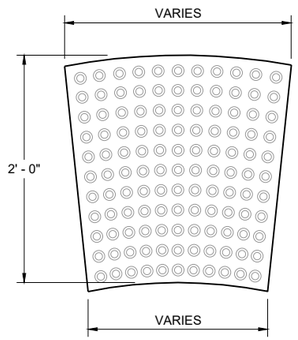
DO NOT EMBED IN CONCRETE ANY FIELD-CUT PLATES WITH CUT EDGES SHORTER THAN 6 INCHES. CONSULT WITH MANUFACTURER FOR RE-DRILLING AND ANCHORING REQUIREMENTS OF FIELD-CUT PLATES.

(15) FIELD SAW CUTS ALONG RADIAL DETECTABLE WARNING PLATES WILL BE NECESSARY TO MATCH EACH CURB RAMP EDGE. AVOID CUTTING THROUGH DOMES WHENEVER POSSIBLE. MAKE FIELD CUTS TRUE TO LINE AND WITHIN ⅛" DEVIATION. SMOOTH EDGES OF FIELD CUT PLATES.

TRUNCATED DOMES
DETECTABLE WARNING PATTERN DETAIL

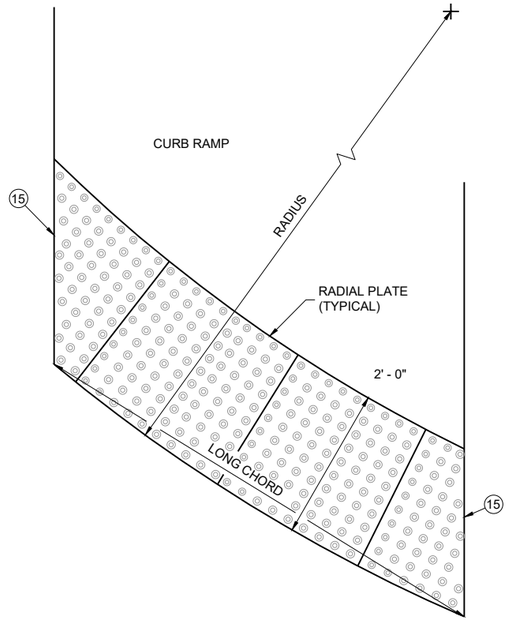


RECTANGULAR PLATES

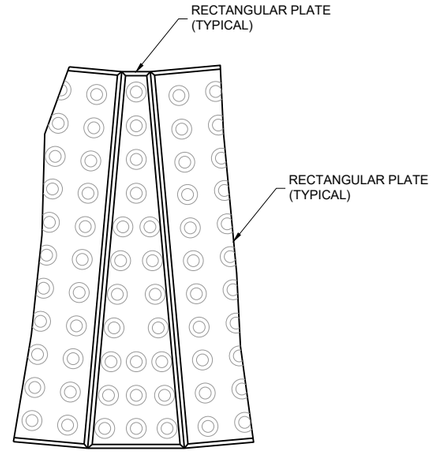


RADIAL PLATES

PLAN VIEW
DETECTABLE WARNING FIELDS (TYPICAL)



PLAN VIEW
RADIAL DETECTABLE WARNING FIELD ATTRIBUTES



PLAN VIEW
RADIAL WEDGE PLATE CONNECTION DETAIL

CURB RAMPS
RECTANGULAR AND RADIAL DETECTABLE WARNING PLATES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
February 2025 — DATE
/S/ Rodney Taylor — <position>

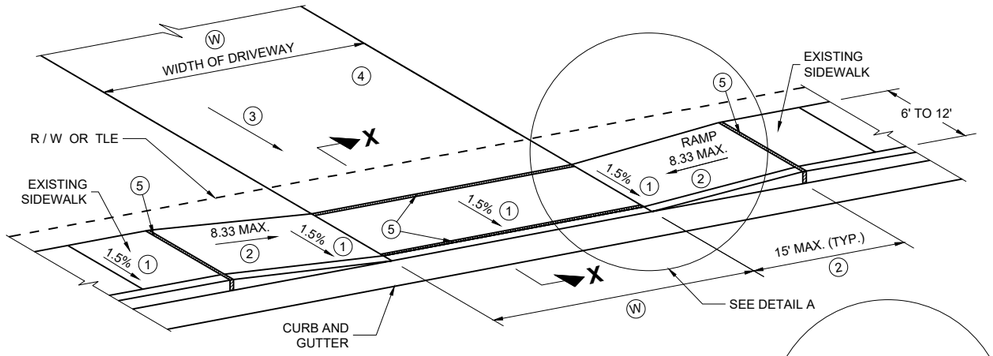
FHWA

6

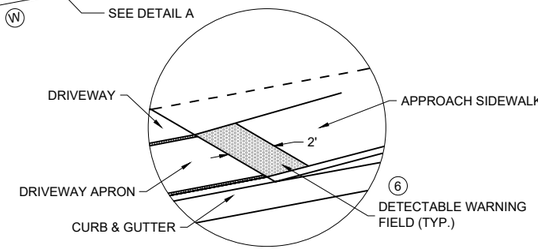
SDD 08D05-22g

6

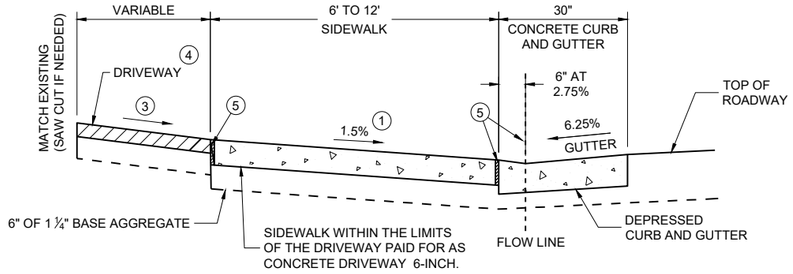
SDD 08D05-22g



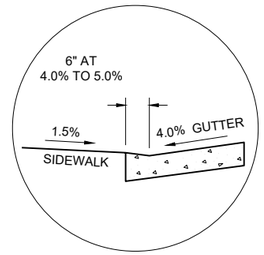
TYPE X
SIDEWALK ABUTS CURB AND GUTTER
TERRACE VARIES 0 TO 3 FEET



DETAIL A



SECTION X - X



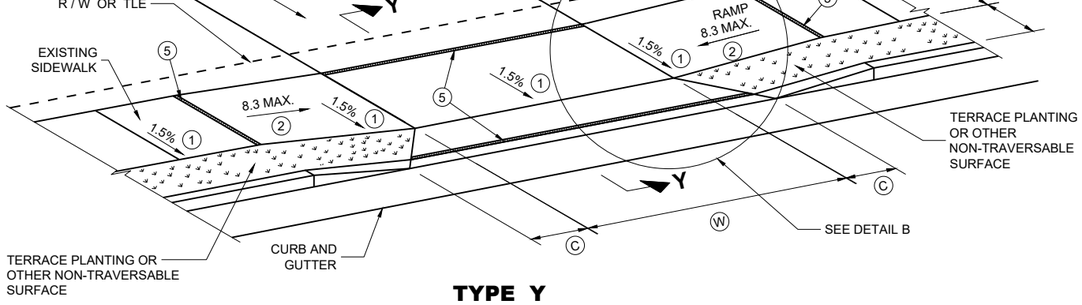
SECTION X - X
4% GUTTER SLOPE

Ⓦ: 12' MIN. - 24' MAX. RESIDENTIAL AND NON-COMMERCIAL (PE & FE)

16' MIN. - 35' MAX. COMMERCIAL (CE)

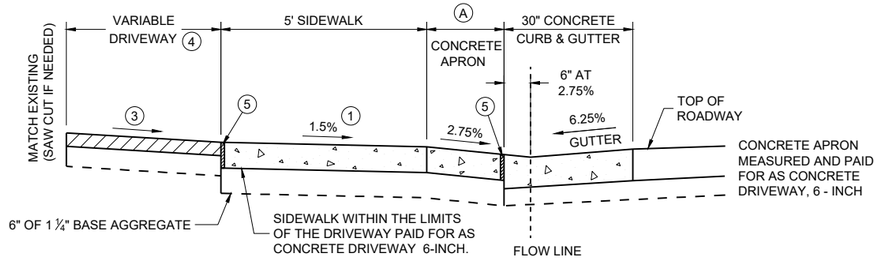
TABLE Y

Ⓐ FEET	Ⓒ FEET
3.5'	2.0'
4.5'	3.0'
5.5'	3.5'



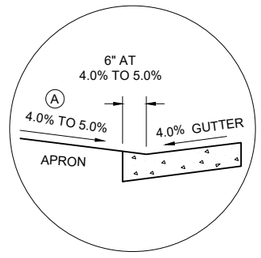
TYPE Y
SIDEWALK WITH NARROWER TERRACE
TERRACE VARIES 4 TO 6 FEET

Ⓐ:MEASURE FROM BACK OF CURB



NOTE: SIDEWALK MY BE DEPRESSED IN DRIVEWAY AREAS

SECTION Y - Y



SECTION Y - Y
4% GUTTER SLOPE

DRIVEWAY DETAIL WITH CONCRETE CURB AND GUTTER
(URBAN AND SUBURBAN)

GENERAL NOTES

PROVIDE CONSTRUCTION JOINTS ALONG THE CENTER OF THE CONCRETE FOR DRIVEWAYS UNDER 20 FEET IN WIDTH AND AT THE THIRD POINTS OVER 20 FEET IN WIDTH.

Ⓦ IS SHOWN ON PLAN AND PROFILE SHEETS.

OFFSETS, ELEVATIONS, AND PERCENT GRADE ARE SHOWN ON THE CROSS SECTIONS.

① CONSTRUCTION TOLERANCE OF 0.5%± FOR SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2.1%.

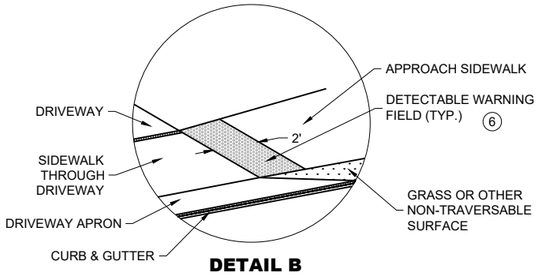
② THE SIDEWALK RAMP MAXIMUM RUNNING SLOPE SHALL NOT REQUIRE THE RAMP LENGTH TO EXCEED 15 FEET TO AVOID CHASING THE SLOPE INDEFINITELY WHEN CONNECTING TO STEEP GRADES. WHEN APPLYING THE 15 FOOT MAXIMUM LENGTH, THE RUNNING SLOPE OF THE SIDEWALK SHALL BE AS FLAT AS FEASIBLE AND NOT EXCEED THE LONGITUDINAL GRADE OF THE ROADWAY. SLOPE SIDEWALK RAMP TOWARD APRON AS SHOWN WHERE THERE IS NO TERRACE OR WHERE THE TERRACE WIDTH IS LESS THAN 6 FEET WIDE.

③ DRIVEWAY SLOPES: DESIRABLE MAXIMUM
10.5% UP AWAY FROM SIDEWALK (SAG)
8.5% DOWN AWAY FROM SIDEWALK (CREST)
ABSOLUTE MAXIMUM 15% FOR BOTH CREST AND SAG

④ DRIVEWAY TYPES
* 6-INCH CONCRETE DRIVEWAY PAVEMENT OVER 6-INCH BASE AGGREGATE
* 2-INCH TO 3-INCH ASPHALTIC SURFACE OVER 6-INCH BASE AGGREGATE
* 6-INCH BASE AGGREGATE (MAY BE INCREASED FOR CLAY SUBGRADES.)

⑤ 1/2" EXPANSION JOINT FILLER

⑥ DETECABLE WARNING FIELDS ARE REQUIRED WHEN A PEDESTRIAN CIRCULATION ROUTE CROSSES A DRIVEWAY THAT IS TRAFFIC SIGNAL, STOP, OR YIELD SIGN CONTROLLED. DETECTABLE WARNING FIELDS TO BE 2 FT DEEP AND EXTEND THE WIDTH OF THE PEDESTRIAN CIRCULATION ROUTE.



DETAIL B

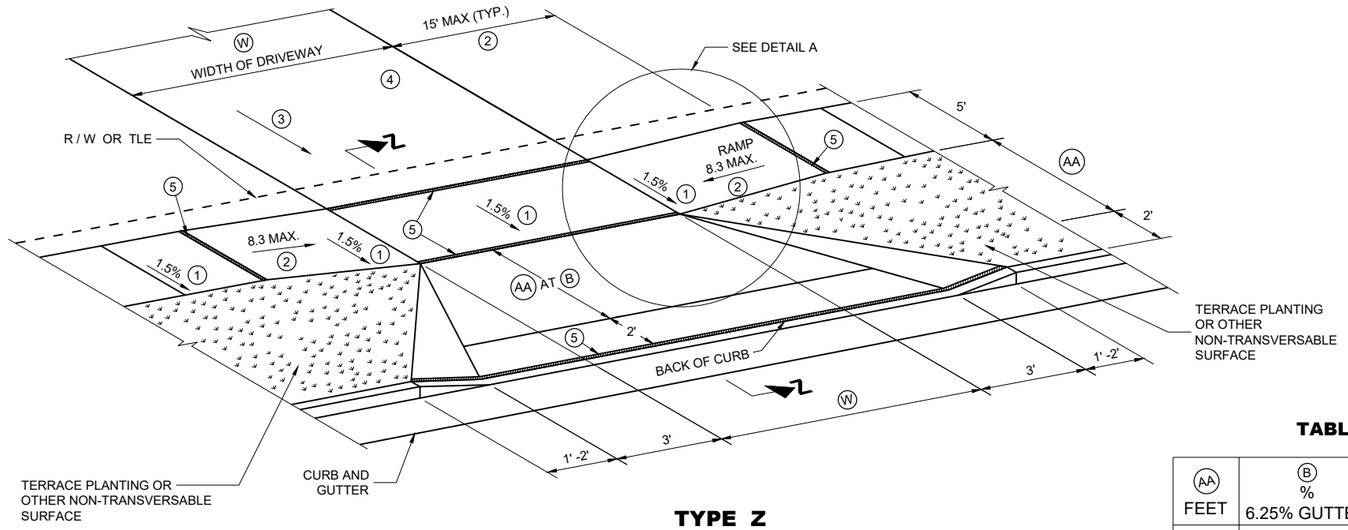
DRIVEWAY AND SIDEWALK RAMPS TYPES X AND Y

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
February 2025 (DATE)
/S/ Rodney Taylor

FHWA

6
SDD 08D18-05



TYPE Z
SIDEWALK WITH WIDER TERRACE
TERRACE VARIES 7 TO 12 FEET

GENERAL NOTES

PROVIDE CONSTRUCTION JOINTS ALONG THE CENTER OF THE CONCRETE FOR DRIVEWAYS UNDER 20 FEET IN WIDTH AND AT THE THIRD POINTS OVER 20 FEET IN WIDTH.

(W) IS SHOWN ON PLAN AND PROFILE SHEETS.

OFFSETS, ELEVATIONS, AND PERCENT GRADE ARE SHOWN ON THE CROSS SECTIONS.

(1) CONSTRUCTION TOLERANCE OF 0.5%± FOR SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2.1%.

(2) THE SIDEWALK RAMP MAXIMUM RUNNING SLOPE SHALL NOT REQUIRE THE RAMP LENGTH TO EXCEED 15 FEET TO AVOID CHASING THE SLOPE INDEFINITELY WHEN CONNECTING TO STEEP GRADES. WHEN APPLYING THE 15 FOOT MAXIMUM LENGTH, THE RUNNING SLOPE OF THE SIDEWALK SHALL BE AS FLAT AS FEASIBLE AND NOT EXCEED THE LONGITUDINAL GRADE OF THE ROADWAY.

(3) DRIVEWAY SLOPES: DESIRABLE MAXIMUM
- 10.5% UP AWAY FROM SIDEWALK (SAG)
- 8.5% DOWN AWAY FROM SIDEWALK (CREST)
- ABSOLUTE MAXIMUM 15% FOR BOTH CREST AND SAG

(4) DRIVEWAY TYPES
- * 6-INCH CONCRETE DRIVEWAY PAVEMENT OVER 6-INCH BASE AGGREGATE 2-INCH
- * TO 3-INCH ASPHALTIC SURFACE OVER 6-INCH BASE AGGREGATE 6-INCH BASE
- * AGGREGATE (MAY BE INCREASED FOR CLAY SUBGRADES.)

(5) 1/2" EXPANSION JOINT FILLER.

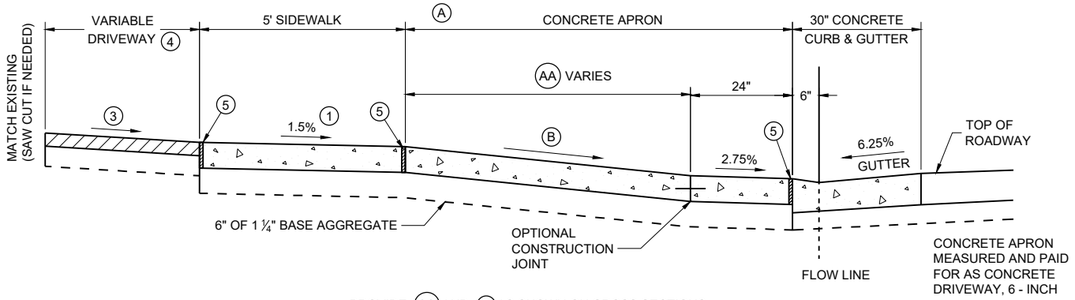
(6) DETECABLE WARNING FIELDS ARE REQUIRED WHEN A PEDESTRIAN CIRCULATION ROUTE CROSSES A DRIVEWAY THAT IS TRAFFIC SIGNAL, STOP, OR YIELD CONTROLLED. DETECTABLE WARNING FIELDS TO BE 2 FT DEEP AND EXTEND THE WIDTH OF THE PEDESTRIAN CIRCULATION ROUTE.

(W): 12' MIN. - 24' MAX. RESIDENTIAL AND NON-COMMERCIAL (PE & FE)

16' MIN. - 35' MAX. COMMERCIAL (CE)

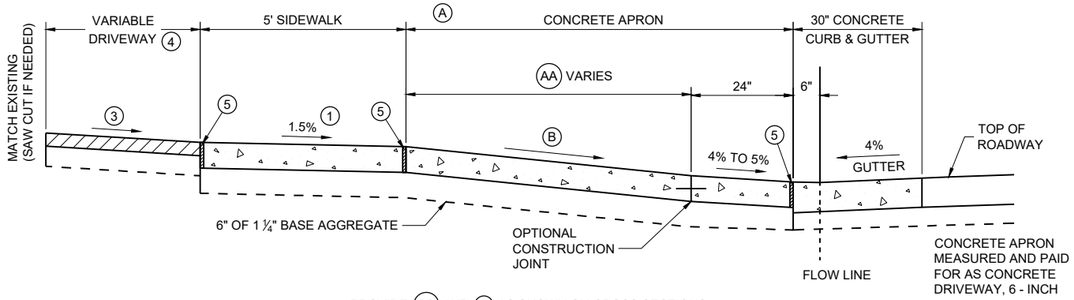
TABLE Z

(AA) FEET	(B) % 6.25% GUTTER	(B) % 4% GUTTER
4.5'	11.5%	9% TO 11.5%
5.5'	9% TO 11.5%	8% TO 11.5%
6.5'	8% TO 11.5%	6% TO 11.5%
7.5'	7% TO 11.5%	6% TO 11.5%
8.5'	6% TO 11.5%	5% TO 11.5%
9.5'	5% TO 11.5%	4% TO 11.5%



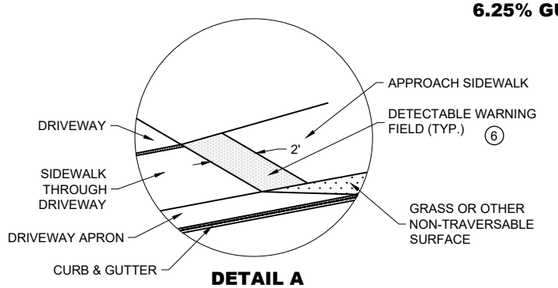
PROVIDE (AA) AND (B) AS SHOWN ON CROSS SECTIONS.

6.25% GUTTER SLOPE



PROVIDE (AA) AND (B) AS SHOWN ON CROSS SECTIONS.

4% GUTTER SLOPE



DETAIL A

NOTE: SIDEWALK MAY BE DEPRESSED IN DRIVEWAY AREAS FOR (B) VALUES NOT SHOWN IN TABLE Z.

SIDEWALK WITHIN THE LIMITS OF THE DRIVEWAY PAID FOR AS CONCRETE DRIVEWAY 6-INCH.

SECTION Z - Z

DRIVEWAY DETAIL WITH CONCRETE CURB AND GUTTER
(URBAN AND SUBURBAN)

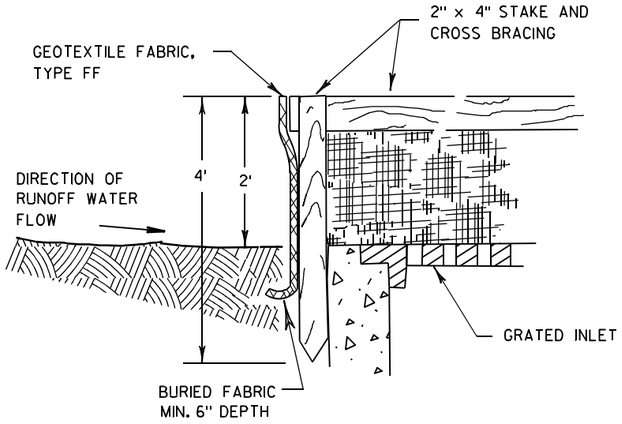
DRIVEWAY AND SIDEWALK RAMPS TYPE Z

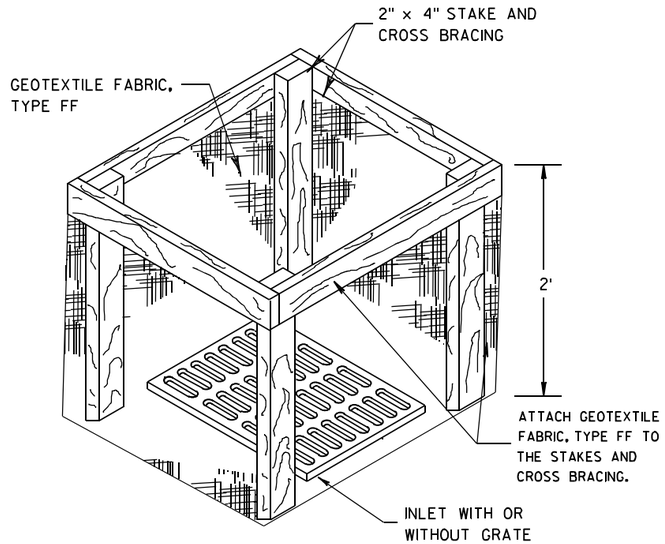
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
July 2023 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS DEVELOPMENT UNIT SUPERVISOR

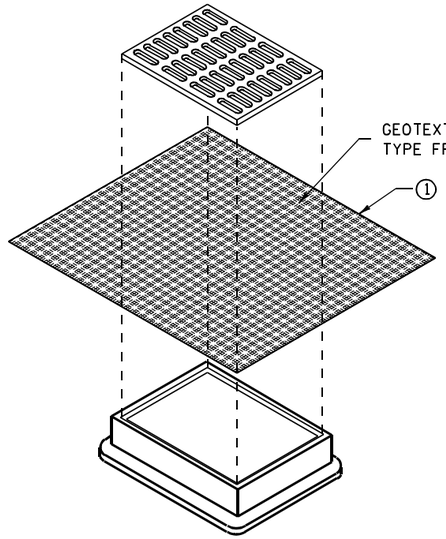
FHWA

SDD 08D19-05



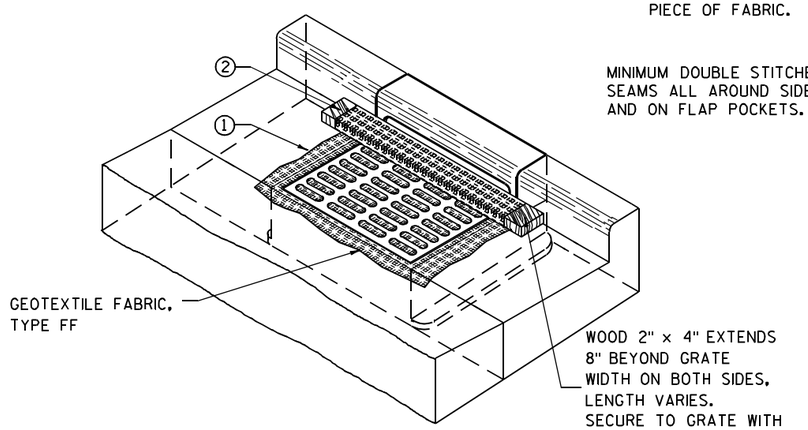


INLET PROTECTION, TYPE A

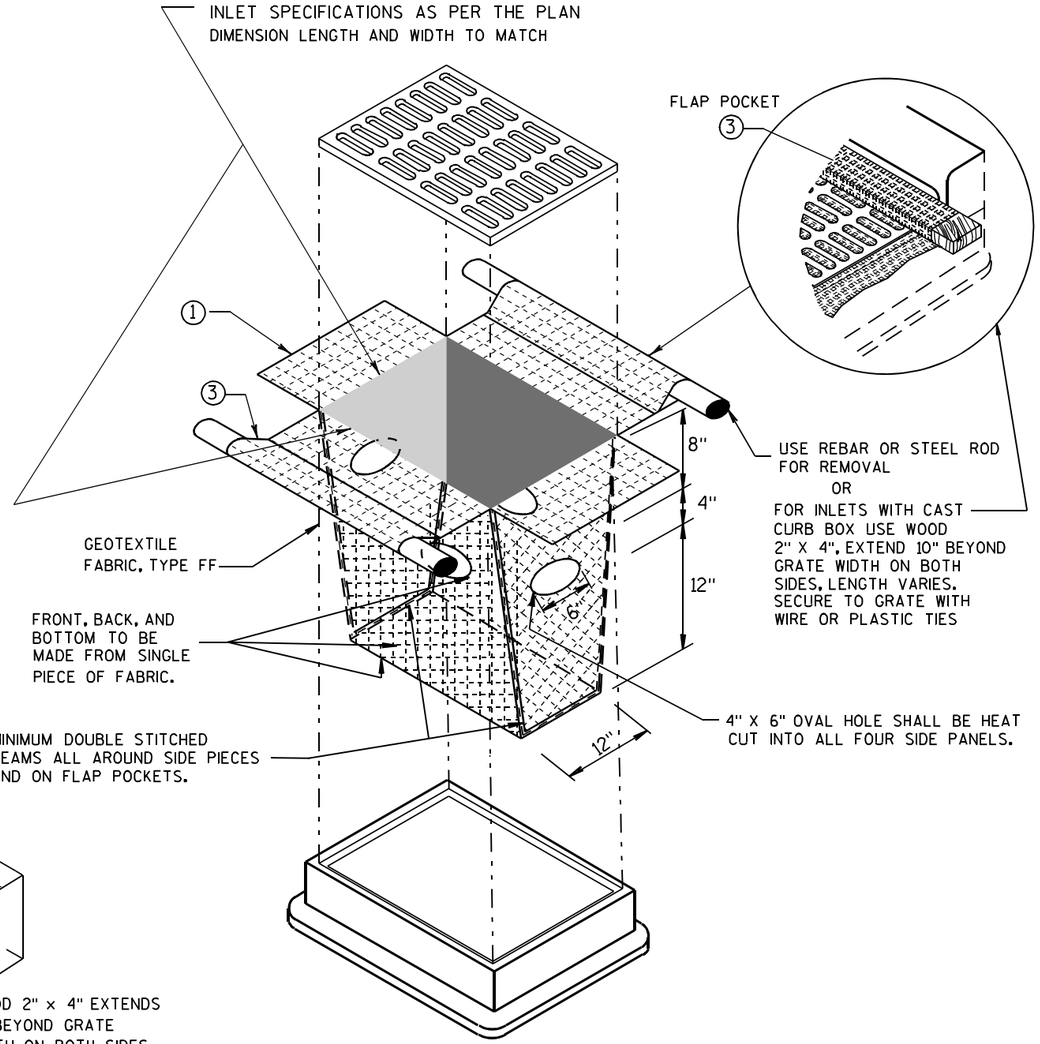


INLET PROTECTION, TYPE B
(WITHOUT CURB BOX)

(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.

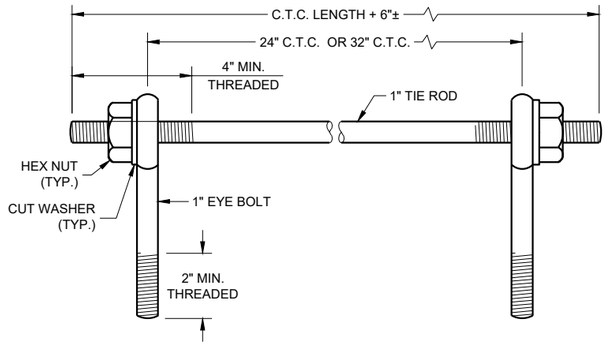
THE INSTALLED BAG SHALL HAVE A MINIMUM SIDE CLEARANCE, BETWEEN THE INLET WALLS AND THE BAG, MEASURED AT THE BOTTOM OF THE OVERFLOW HOLES, OF 3". WHERE NECESSARY THE CONTRACTOR SHALL CINCH THE BAG, USING PLASTIC ZIP TIES, TO ACHIEVE THE 3" CLEARANCE. THE TIES SHALL BE PLACED AT A MAXIMUM OF 4" FROM THE BOTTOM OF THE BAG.

INLET PROTECTION
TYPE A, B, C, AND D

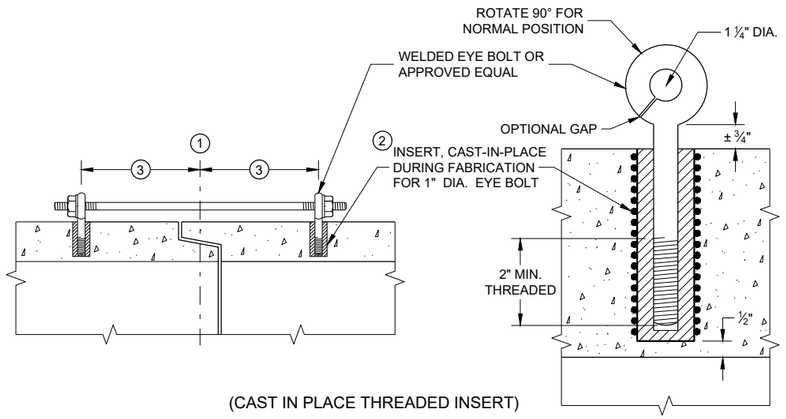
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
10/16/02
DATE
/S/ Beth Cannestra
CHIEF ROADWAY DEVELOPMENT ENGINEER
FHWA

6
S.D.D. 8 E 10-2



EYE BOLTS AND TIE ROD



(CAST IN PLACE THREADED INSERT)

LONGITUDINAL SECTIONS

EYE BOLT AND TIE ROD ASSEMBLY (ALTERNATE NO. 1)

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS, AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

CONCRETE CULVERT AND STORM SEWER PIPE SHALL BE TIED TOGETHER IN THE MANNER ILLUSTRATED BY THIS DETAIL AT LOCATIONS DESIGNATED IN THE STANDARD SPECIFICATIONS AND THE PLAN. THE CONTRACTOR MAY USE EITHER ALTERNATE 1, 2 OR 3 FOR DRAINAGE STRUCTURES. ONLY ALTERNATE 1 AND 3 MAY BE USED FOR CATTLE PASSES, UNLESS OTHERWISE STATED IN THE CONTRACT. THE MATERIALS, FABRICATION AND WORK NECESSARY TO TIE THE PIPE BY THIS DETAIL WILL BE CONSIDERED INCIDENTAL TO THE PIPE AND APRON ENDWALLS IF REQUIRED.

DETAILED DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR JOINT TIES SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL.

JOINT TIES TO BE HOT-DIP GALVANIZED PER ASTM A 153.

(1) CENTER LINE OF TONGUE AND GROOVE OR BELL AND SPIGOT JOINTS.

(2) THE INSIDE OF THE THREADED INSERTS SHALL BE CLEAN TO ALLOW THE INSERTION OF THREADED EYE BOLTS.

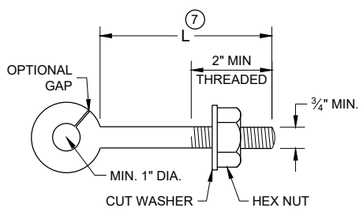
(3) HOLES SHALL BE CAST-IN-PLACE OR DRILLED PER THE APPLICABLE DETAIL, AND EQUAL DISTANCE FROM THE CENTERLINE OF THE JOINT.

(4) BOLT PROJECTION INSIDE OF PIPE SHALL NOT EXCEED 2 INCHES.

(5) OPENING TO BE ROD DIAMETER PLUS 1 INCH.

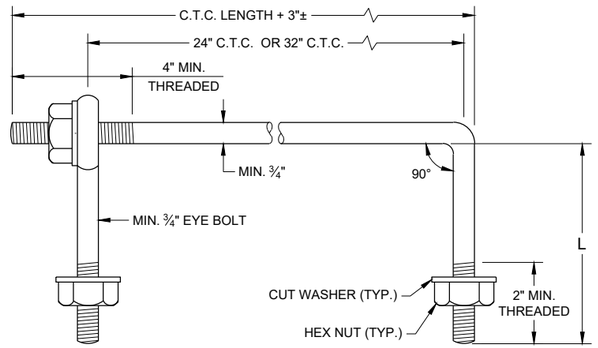
(6) LENGTH ADEQUATE TO EXTEND TO WITHIN ½ INCH OF THE INNER SURFACE OF THE PIPE.

(7) EYE BOLT LENGTH DETERMINED BY WALL THICKNESS, BELL THICKNESS AND BOLT PROJECTION INSIDE PIPE.

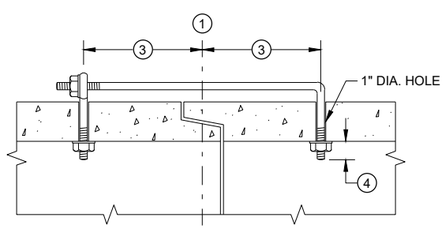


EYE BOLT (7)

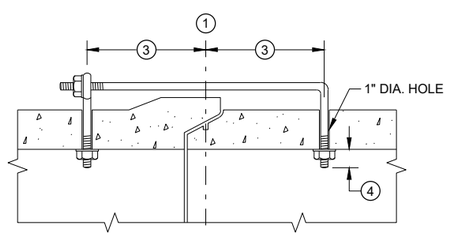
NOTE: TWO EYE BOLTS MAY BE USED WITH A 30" OR 38" LONG THREADED ROD IN LIEU OF THE 90° BENT TIE ROD.



EYE BOLT AND TIE ROD



(TONGUE AND GROOVE PIPE)



(MODIFIED BELL PIPE)

LONGITUDINAL SECTION

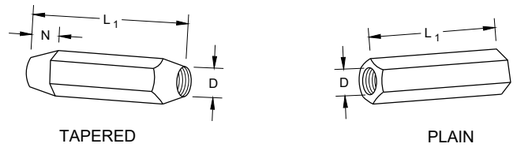
(JOINT TIES FOR 18" TO 66" DIA. CONCRETE PIPE)

EYE BOLT AND TIE ROD ASSEMBLY (ALTERNATE NO. 2)

ADJUSTABLE TIE ROD TABLE

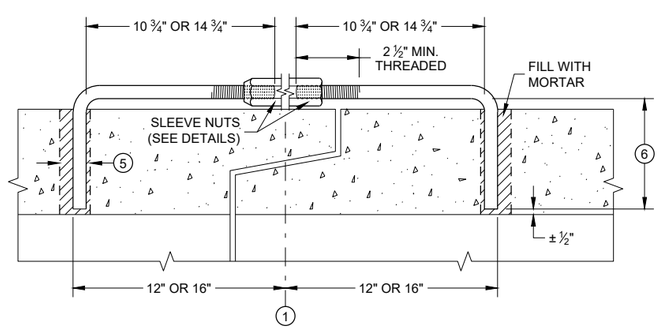
PIPE DIAMETER	TIE ROD DIAMETER	D	L_1	N
12 - 60	⅝	⅝	5	½
66 - 84	¾	¾	5	½
90 - 144	1	1	7	1 7/16

DIMENSIONS SHOWN ARE IN INCHES



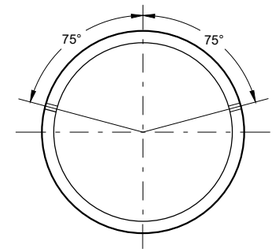
RIGHT AND LEFT THREADS

SLEEVE NUTS



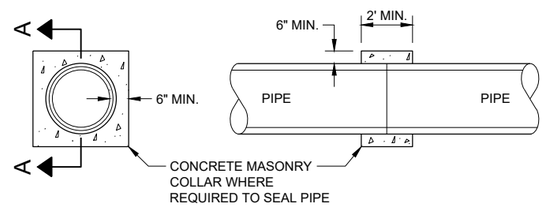
LONGITUDINAL SECTION

ADJUSTABLE TIE ROD (ALTERNATE NO. 3)



PLACEMENT OF (2) CAST-IN-PLACE INSERTS OR HOLES DURING FABRICATION FOR PIPE SECTIONS REQUIRING TIE RODS

TRANSVERSE SECTION



SECTION A - A

CONCRETE COLLAR DETAIL

JOINT TIES FOR CONCRETE PIPE AND CONCRETE COLLAR DETAIL

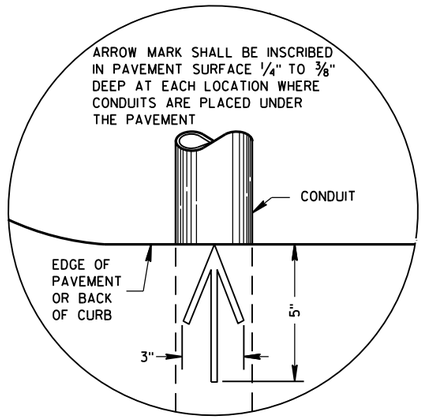
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2021 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS DEVE ENGINEER

FHWA

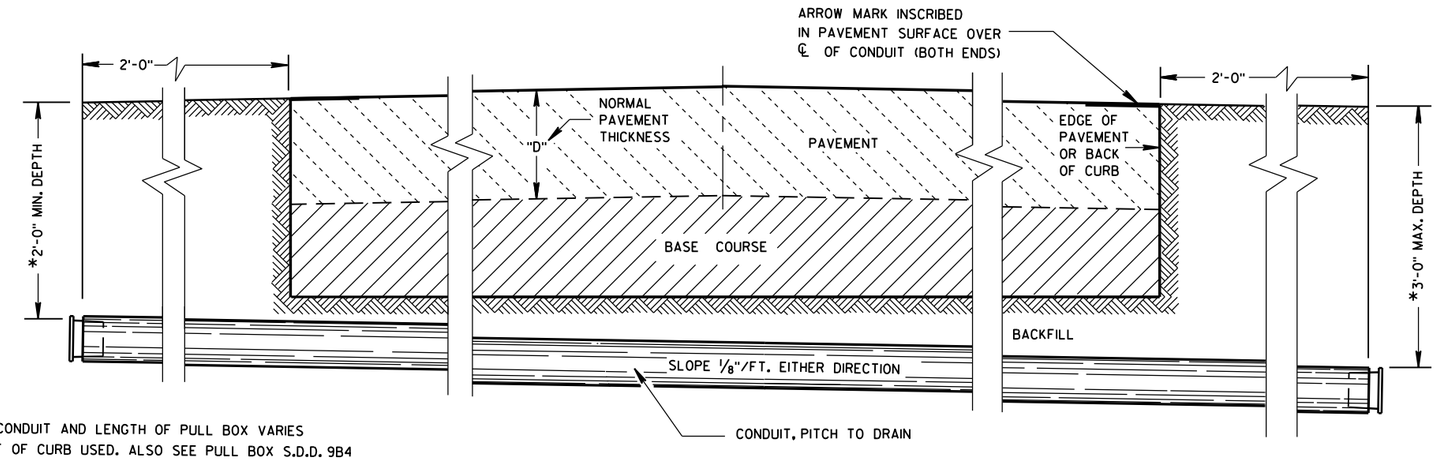
SDD 08F04 - 08

SDD 08F04 - 08



PLAN VIEW

ARROW MARK



*DEPTH OF CONDUIT AND LENGTH OF PULL BOX VARIES WITH HEIGHT OF CURB USED. ALSO SEE PULL BOX S.D.D. 9B4

SIDE ELEVATION

DETAIL FOR CONDUIT UNDER PAVED HIGHWAYS

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

METALLIC (STANDARD SPECIFICATION 652.2.2) OR NONMETALLIC (STANDARD SPECIFICATION 652.2.3) CONDUIT SHALL BE FURNISHED AND PLACED AS SHOWN.

DEPTH OF CONDUIT INSTALLED BELOW THE TRAVELED WAY SHALL BE 24 INCHES MINIMUM AND 36 INCHES MAXIMUM.

DEPTH OF CONDUIT INSTALLED THAT IS NOT BELOW THE TRAVELED WAY SHALL BE 18 INCHES MINIMUM AND 36 INCHES MAXIMUM.

ANY EXCEPTION TO THE MAXIMUM DEPTH SHALL BE ONLY WITH THE WRITTEN APPROVAL OF THE ENGINEER.

THE TRENCH SHALL NOT BE BACKFILLED PRIOR TO INSPECTION OF THE CONDUIT.

ALL METALLIC CONDUIT RACEWAY ENDS SHALL BE REAMED AND THREADED.

ALL METALLIC CONDUIT IN WHICH WIRE OR CABLE IS TO BE INSTALLED SHALL BE BUSHED WITH APPROVED THREADED BUSHINGS BEFORE INSTALLATION OF THE WIRE OR CABLE.

ALL METALLIC CONDUITS IN WHICH WIRE OR CABLE IS NOT TO BE INSTALLED SHALL BE CAPPED WITH THREADED PROTECTIVE CAPS, AS APPROVED BY THE ENGINEER.

ALL NONMETALLIC CONDUIT SHALL BE CAPPED OR PLUGGED IMMEDIATELY AFTER INSTALLATION AND SHALL REMAIN CAPPED OR PLUGGED UNTIL WIRE/CABLES ARE INSTALLED.

NONMETALLIC CONDUITS IN WHICH WIRE OR CABLE IS NOT BEING INSTALLED SHALL REMAIN CAPPED OR PLUGGED.

BENDING OF PVC ELECTRICAL CONDUIT SHALL BE ACCOMPLISHED BY USING A BLANKET OR EMERSION TYPE TANK DESIGNED FOR THE PURPOSE OF BENDING PVC ELECTRICAL CONDUIT.

ALL CUT ENDS SHALL BE TRIMMED INSIDE AND OUTSIDE TO REMOVE ALL ROUGH EDGES ON NONMETALLIC CONDUIT. (SEE NEC 347.5)

WHEN REQUIRED TO CONNECT NONMETALLIC CONDUIT TO METALLIC CONDUIT, ONLY U.L. LISTED ADAPTER FITTINGS SHALL BE USED.

PRIOR TO CONDUIT ACCEPTANCE, CONDUIT CAPS OR PLUGS SHALL BE REMOVED, AND THE CAPS, PLUGS AND CONDUIT ENDS SHALL BE THOROUGHLY CLEANED AND THEN THE CAPS OR PLUGS REINSTALLED TO ENSURE THAT THE CAPS OR PLUGS CAN BE EASILY REMOVED IN THE FUTURE.

ALL CONDUIT BEING FURNISHED AND INSTALLED SHALL HAVE THE U.L. LABEL FIRMLY ATTACHED.

CONDUIT RUNS SHALL BE THE SAME SIZE OF CONDUIT FROM ONE END TO THE OTHER (FROM PULL BOX TO PULL BOX-OR-JUNCTION BOX TO JUNCTION BOX-OR-BASE TO BASE, ETC.).

TRACER WIRE SHALL BE INSTALLED AS STATED IN THE STANDARD SPECIFICATION, ITEM 652.3.1.1.

ALL CONDUIT RUNS SHALL BE STRAIGHT (WITHOUT BENDS) FROM PULL BOX TO PULL BOX, PULL BOX TO BASE AND BASE TO BASE AS SHOWN ON THE PLANS.

CONDUIT

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
March, 2017 — DATE
/S/ Ahmet Demirbilek — STATE ELECTRICAL
FHWA

6

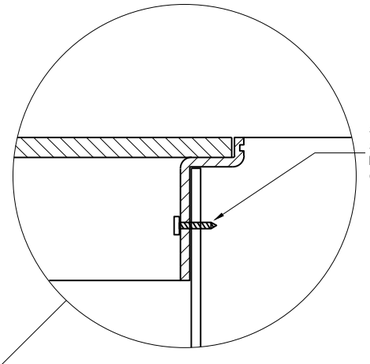
S.D.D. 9 B 2-10

TABLE OF NOMINAL DIMENSIONS
AND WEIGHTS

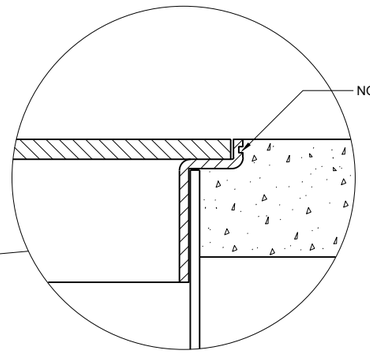
DIMENSION IN INCHES		NON- CONDUCTIVE PULL BOX	
BOX DIAMETER ** (INSIDE)	A	24	24
BOX OVERALL OUTSIDE DIAMETER	B	27	27
BOX LENGTH	C	36	42
FRAME OPENING	D	22 ½	22 ½
WEIGHT IN POUNDS *			
COVER		50	50
BOX ONLY		75	85

*THE ACTUAL WEIGHT OF THE COVER OR BOX ONLY MAY VARY NOT TO EXCEED 100 LBS INDIVIDUALLY.

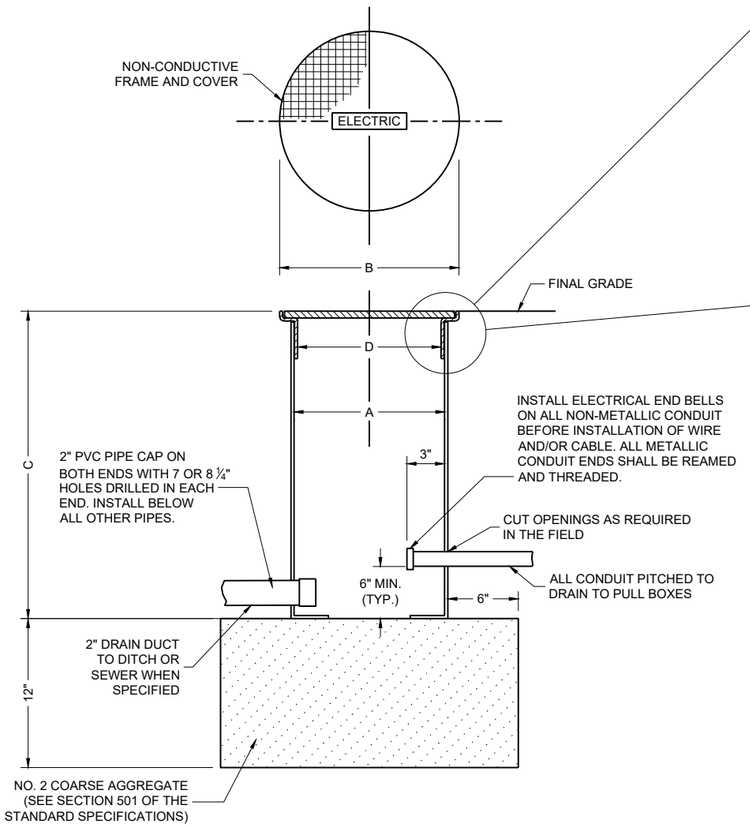
** DIAMETER VARIES FROM TOP TO BOTTOM WITH THE DIAMETER LARGER AT THE BOTTOM TO PREVENT FROST HEAVE.



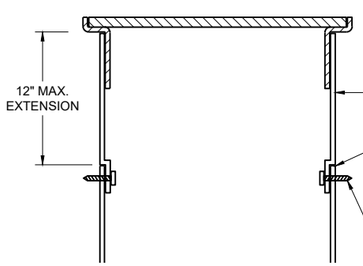
INSTALLED IN SOD OR CRUSHED AGGREGATE



INSTALLED IN SIDEWALK



NON-CONDUCTIVE PULL BOX



BOX EXTENSION

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

ALL BOXES, FRAMES AND COVERS SHALL BE SUITABLE FOR TIER 15 LOADING AS SPECIFIED IN ANSI/SCTE 77.

PROVIDE AN OPENING FOR TOOL ASSISTED COVER REMOVAL NOT LARGE ENOUGH TO PERMIT PASSAGE OF A SPHERE MORE THAN ½" DIAMETER

ENSURE COVER SURFACE IS SKID RESISTANT WITH A COEFFICIENT OF FRICTION OF AT LEAST 0.5 AND VERTICAL SURFACE DICONTINUITIES LESS THAN ¼".

COVER SHALL BE MAGNETICALLY LOCATABLE.

BOXES AND EXTENSIONS ARE TRIMMABLE FOR CUSTOM LENGTHS. TRIMMED PIECES SHALL MAINTAIN A UNIFORM LENGTH.

ENTRANCE HOLES INTO PULL BOXES SHALL BE CUT WITH A CIRCULAR HOLE SAW OR HYDRAULIC CONDUIT PUNCH. HOLE SIZE SHALL BE THE OUTSIDE DIAMETER OF THE CONDUIT THAT IS TO FIT IN THE OPENING PLUS NO MORE THAN ¼".

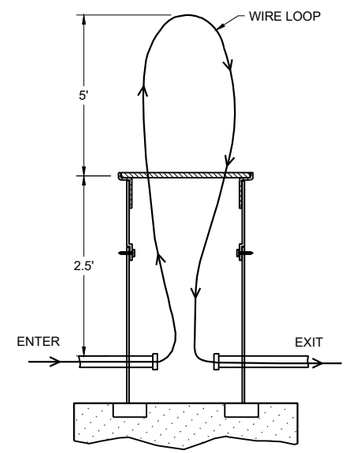
THE CONTRACTOR SHALL NOT INSTALL WIRE IN ANY PULL BOX UNTIL ITS INSTALLATION HAS BEEN INSPECTED AND ACCEPTED BY THE ENGINEER.

ALL METALLIC CONDUIT IN WHICH WIRE AND/OR CABLE IS TO BE INSTALLED, SHALL BE BUSHED BEFORE INSTALLATION OF THE WIRE AND/OR CABLE.

ENTIRE BOX MUST BE CONSTRUCTED OF NON-CONDUCTIVE MATERIALS WITH THE EXCEPTION OF STAINLESS STEEL FASTENERS AND MAGNETIC LOCATABLE DEVICE.

WHEN A PULL BOX IS INSTALLED IN CRUSHED AGGREGATE SHOULDERS, PLACE IT 2-3 INCHES BELOW GRADE AND COVER IT WITH 2-3 INCHES OF CRUSHED AGGREGATE.

LABEL ON COVER SHALL READ "ELECTRIC" FOR SIGNAL AND LIGHTING SYSTEMS, "WISDOT ITS" FOR COMMUNICATIONS AND ITS EQUIPMENT SYSTEMS.



MEASUREMENT DETAIL FOR WIRE/CABLE IN THE PULL BOX

PULL BOXES
NON-CONDUCTIVE

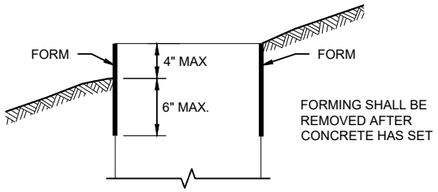
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2024 — DATE
/S/ Ahmet Demirbilek — STATE ELECTRICAL ENGINEER

FHWA

6
SDD 09B16-03

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.

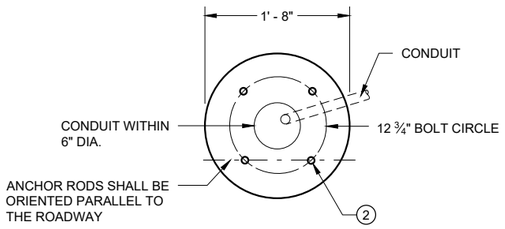
WASHERS AND LOCK WASHERS ARE REQUIRED ON ALL ANCHOR RODS.

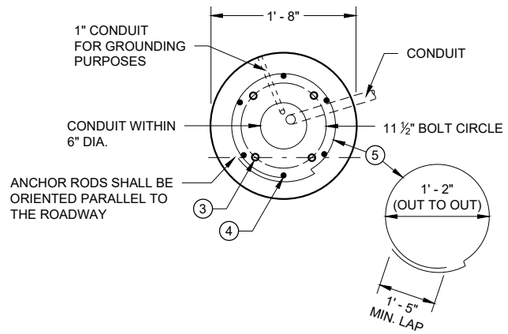
WHEN ANCHOR RODS USING THE ALTERNATE "L" BEND ARE FURNISHED, THE 4 INCH"L" BEND SHALL BE IN ADDITION TO THE SPECIFIED ANCHOR ROD BAR LENGTH. THE "L" BEND SHALL NOT BE THREADED.

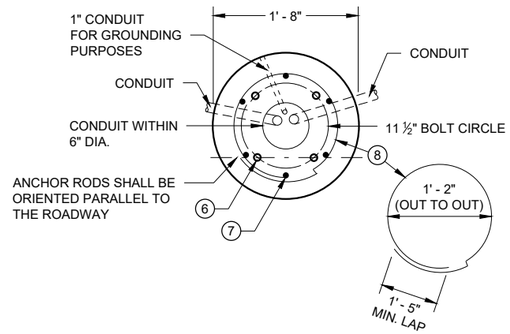
ANCHOR RODS SHALL BE INSTALLED WITH MISALIGNMENTS OF LESS THAN 1:40 FROM VERTICAL.

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

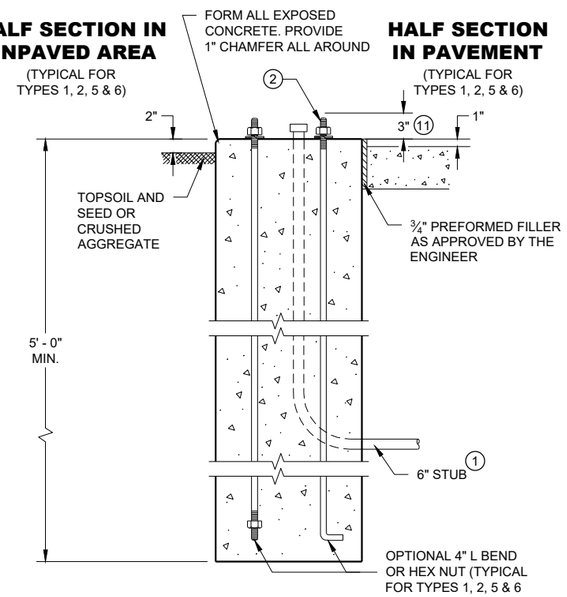
10 ⅝" DIA. X 8' -0" COPPERCLAD EQUIPMENT GROUNDING ELECTRODE REQUIRED

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.

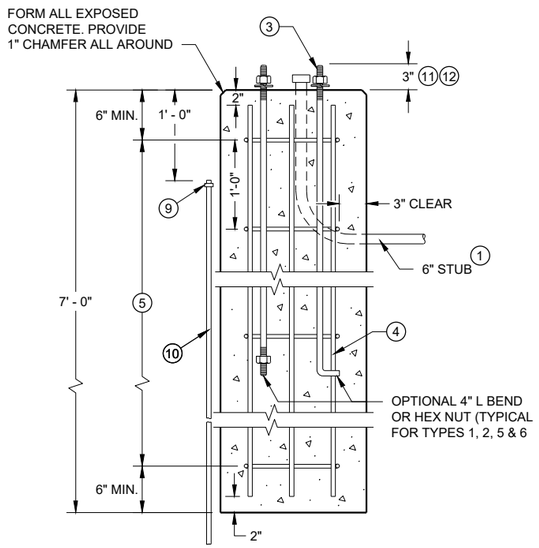
12 FOR NON - BREAKAWAY INSTALLATIONS, 4 ½" ± ANCHOR ROD PROJECTION WITH THE USE OF LEVELING NUTS. RODENT SCREEN REQUIRED.

HALF SECTION IN UNPAVED AREA
(TYPICAL FOR TYPES 1, 2, 5 & 6)

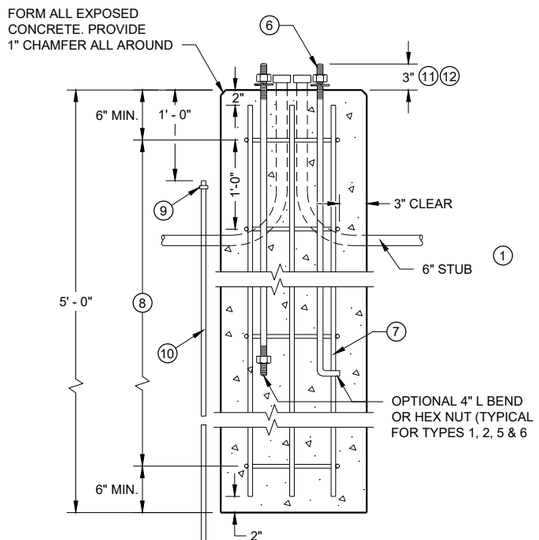
HALF SECTION IN PAVEMENT
(TYPICAL FOR TYPES 1, 2, 5 & 6)



TYPE 1



TYPE 2



TYPE 5 & 6

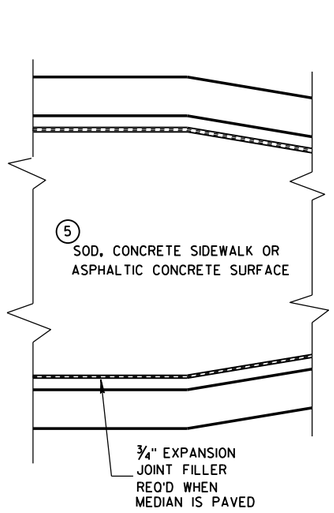
CONCRETE BASES

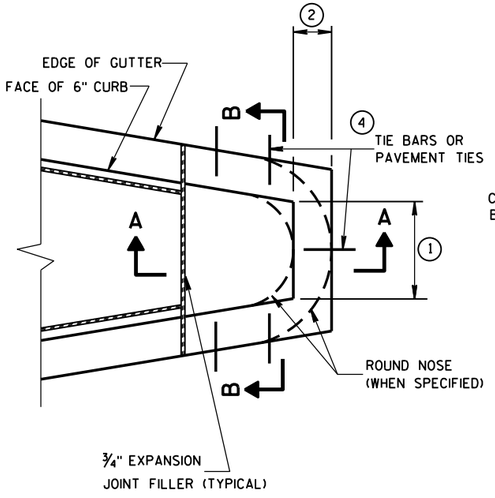
CONCRETE BASES
TYPES 1, 2, 5, & 6

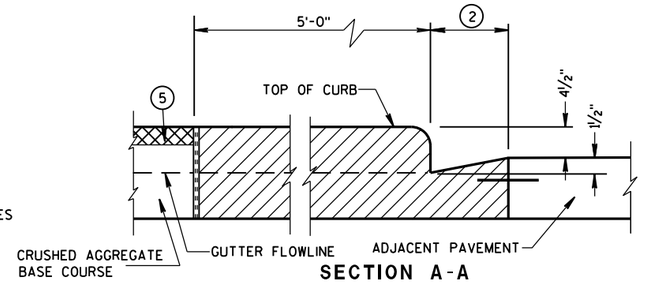
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2019
DATE
/S/ Ahmet Demirbilek
STATE ELECTRICAL ENGI 160

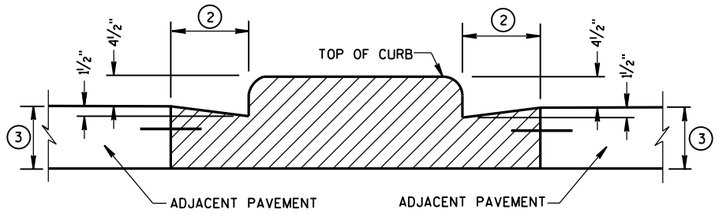
FHWA







SECTION A-A



SECTION B-B

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.

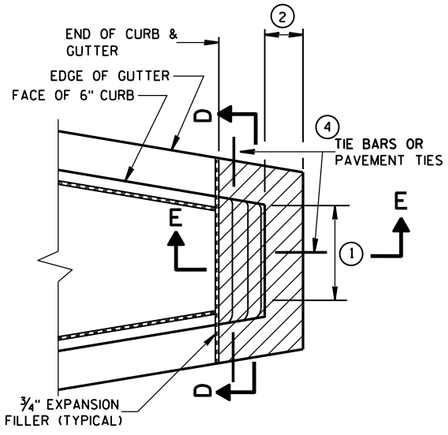
(2) ASPHALTIC CONCRETE PAVEMENT OVER NEW OR EXISTING CONCRETE BASE COURSE.

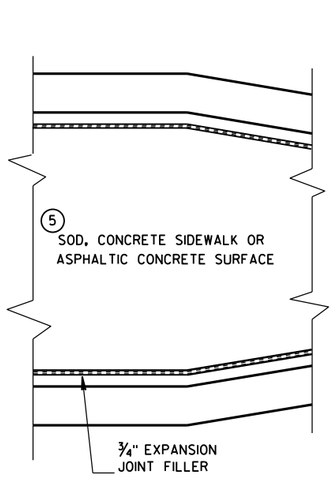
(3) ASPHALTIC CONCRETE PAVEMENT OVER CRUSHED AGGREGATE BASE COURSE.

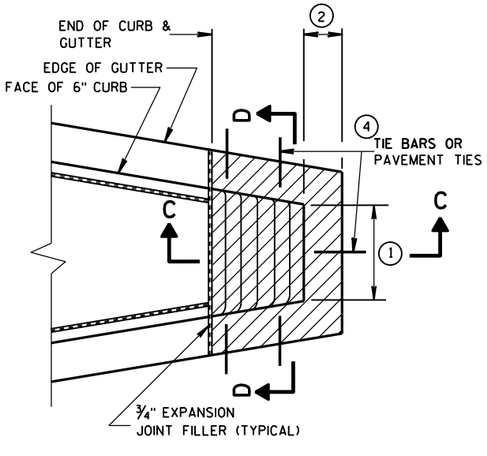
(4) TIE BARS OR PAVEMENT TIES REQUIRED IN NEW CONCRETE PAVEMENT OR CONCRETE BASE COURSE. TIE BARS SHALL BE NO. 4 X 2'-0" SPACED AT 2'-0" C-C.

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.

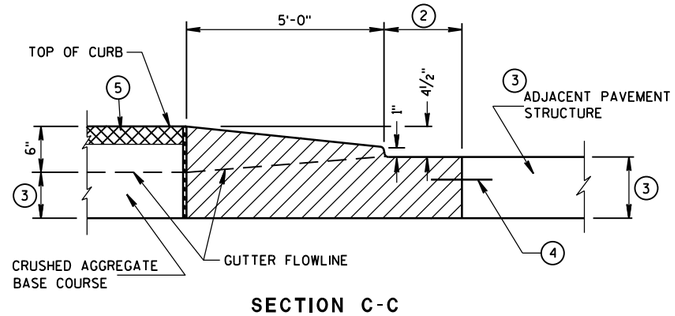
(5) SURFACE TYPE AND DETAILS ARE SHOWN ELSEWHERE IN THE PLAN.



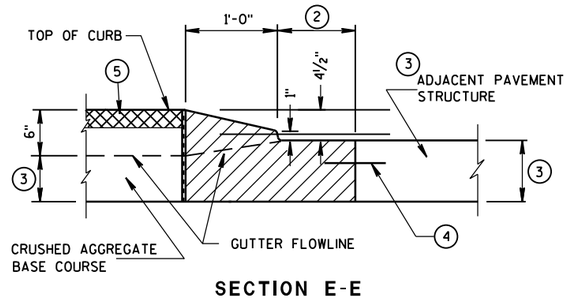




CONCRETE MEDIAN SLOPED NOSE TYPE 1

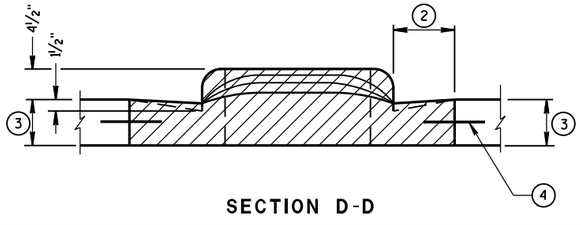


SECTION C-C



SECTION E-E

CONCRETE MEDIAN SLOPED NOSE TYPE 2



SECTION D-D

CONCRETE MEDIAN NOSE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

6/8/2006
DATE

/S/ Jerry H. Zogg
ROADWAY STANDARDS D ENGINEER

FHWA

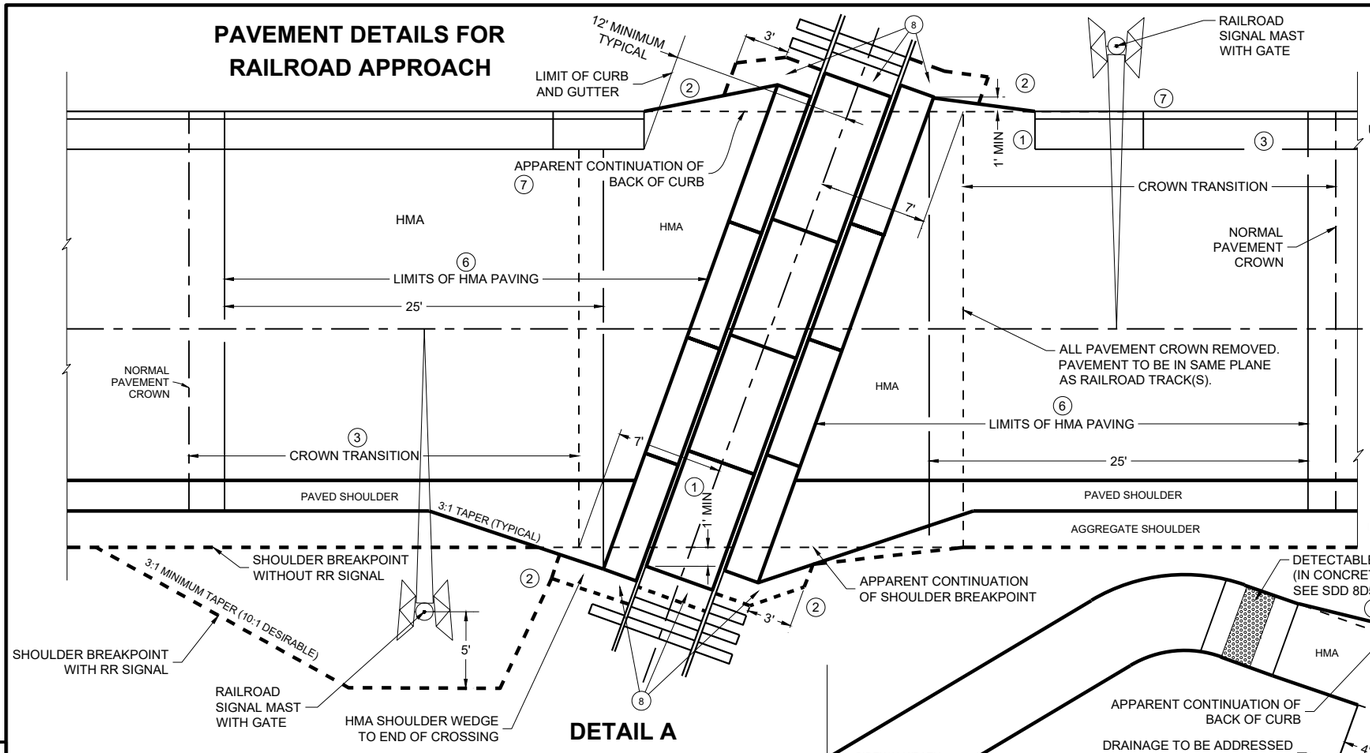
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S.D.D. 11 B 2-2

6

S.D.D. 11 B 2-2

PAVEMENT DETAILS FOR RAILROAD APPROACH



DETAIL A
RAILROAD APPROACH

GENERAL NOTES CONTINUED

(1) 1' MINIMUM CROSSING SURFACE COVERAGE PAST THE APPARENT CONTINUATION OF SHOULDER BREAKPOINT, BACK OF CURB, OR OUTSIDE EDGE OF SIDEWALK/PATH. INDIVIDUAL RAILROADS MAY HAVE DIFFERENT MINIMUM STANDARDS.

(2) HMA FLARE FROM OUTSIDE EDGE OF SIDEWALK/PATH, BACK OF CURB, OR AGGREGATE SHOULDER BREAKPOINT TO THE END OF CROSSING SURFACE MATERIAL.

(3) CROWN TRANSITION LENGTH SHOWN ELSEWHERE IN THE PLAN.

(4) NEAR EDGE OF PATH TO THE CENTER OF SIGNAL OR GATE MAST SHOULD BE A MINIMUM OF 5'-0". FOR SIDEWALK, THE NEAR EDGE SHOULD BE A MINIMUM OF 3'-0" TO THE CENTER OF SIGNAL OR GATE. NEAR EDGE OF SIDEWALK TO A NON-GATED MAST OR CANTILEVER SHOULD BE A MINIMUM OF 2'-6". SEE PLAN FOR RAILROAD SIGNAL AND GATE LOCATION IF THEY ARE NOT ALREADY INSTALLED.

(5) TERRACE WIDTH VARIES. SEE PLAN FOR RAILROAD SIGNAL AND GATE LOCATIONS. PER PLAN OR PROJECT ENGINEER THE TERRACE AND SIDEWALK/PATH GRADES SHALL BE TRANSITIONED TO MATCH THE GRADE OF THE TRACK. FIELD FIT TO AVOID PONDING.

(6) 25' MINIMUM HMA PAVING MEASURED PARALLEL TO THE ROAD OR 10' MINIMUM MEASURED PERPENDICULAR TO THE TRACK FROM THE EDGE OF THE CROSSING SURFACE, WHICHEVER IS GREATER.

(7) REFERENCE SDD 8-D-01 END SECTION CURB AND GUTTER. MEDIAN END NEAR THE TRACK SHOULD BE PARALLEL TO THE TRACK. 6'-0" TAPER FOR A MEDIAN SHOULD BE REDUCED TO GET FULL HEIGHT CURB WHERE THE GATE COMES DOWN. DESIGN OPTION TO POUR MEDIAN TAPER IN ONE PIECE. BUILD PER PLAN UNLESS OTHERWISE APPROVED BY THE RAILROAD ENGINEER AND THE PROJECT ENGINEER.

(8) IF METAL END PLATES ARE NOT INSTALLED BY THE RAILROAD THEN HMA PAVEMENT WEDGE SHALL BE PLACED AT THE END OF THE LAST PANEL TAPERED TO BACK EDGE OF NEXT TIE AND THOROUGHLY COMPACTED. SEE DETAIL G.

GENERAL NOTES

PLANS AND SECTIONS ARE TYPICAL. DIMENSIONS VARY PER PROJECT.

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS, PROJECT PLANS, AND THE APPLICABLE SPECIAL PROVISIONS.

CROSSING SURFACE MATERIAL, RAILS, TIES, BALLAST, AND CROSSING DRAINAGE SYSTEM BY OTHERS UNLESS DIRECTED OTHERWISE. IF THE FINAL GRADES DON'T MATCH TO THE PLAN GRADES THEN GRADE ADJUSTMENTS WILL BE NECESSARY. CONFIRM NEW GRADES WITH PROJECT ENGINEER.

HMA PAVEMENT APPROACHES, HMA PAVEMENT CROSSING SURFACES, AND HMA FLANGEWAY/FIELD FILLERS TO BE REPLACED BY ROADWAY CONTRACTOR UNLESS DIRECTED OTHERWISE BY THE PLANS, SPECIAL PROVISIONS, RAILROAD ENGINEER, OR PROJECT ENGINEER.

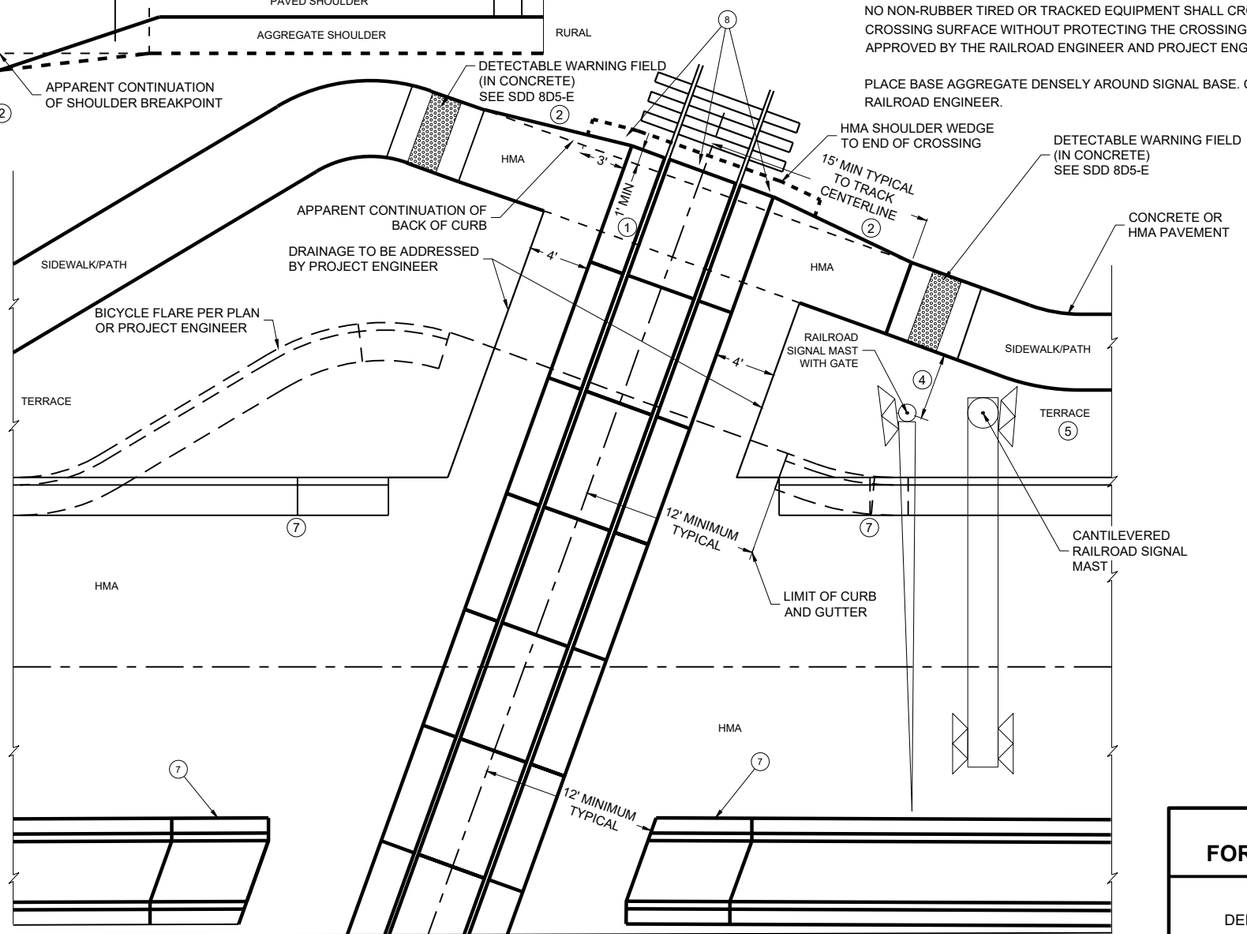
HMA PAVEMENT SHALL BE ROLLED PARALLEL TO THE TRACK.

WHEN THERE IS A SIDEWALK OR SHARED-USE PATH, ADD DETECTABLE WARNING FIELDS PER CURRENT STANDARD DETAIL DRAWING 8D5-E.

THE CROSSING SHALL NOT BE OPENED TO ANY TYPE OF TRAFFIC UNTIL IT IS FULLY PAVED AND COOLED SUFFICIENTLY UNLESS OTHERWISE APPROVED BY THE RAILROAD ENGINEER AND THE PROJECT ENGINEER.

NO NON-RUBBER TIRED OR TRACKED EQUIPMENT SHALL CROSS OR SIT ON THE CROSSING SURFACE WITHOUT PROTECTING THE CROSSING SURFACE WITH A METHOD APPROVED BY THE RAILROAD ENGINEER AND PROJECT ENGINEER.

PLACE BASE AGGREGATE Ddensely AROUND SIGNAL BASE. COORDINATE WITH THE RAILROAD ENGINEER.



DETAIL B
MEDIAN AND SIDEWALK/SHARED-USE PATH APPROACH

PAVEMENT DETAILS FOR RAILROAD APPROACH

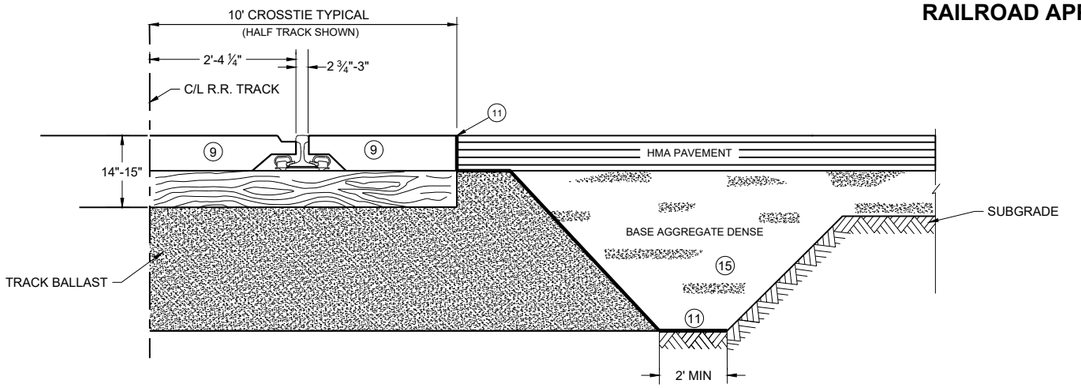
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2023 — DATE
/S/ Kristen Sommers — STATE RAILROAD ENGINEERING AND SAFETY SUPERVISOR
FHWA

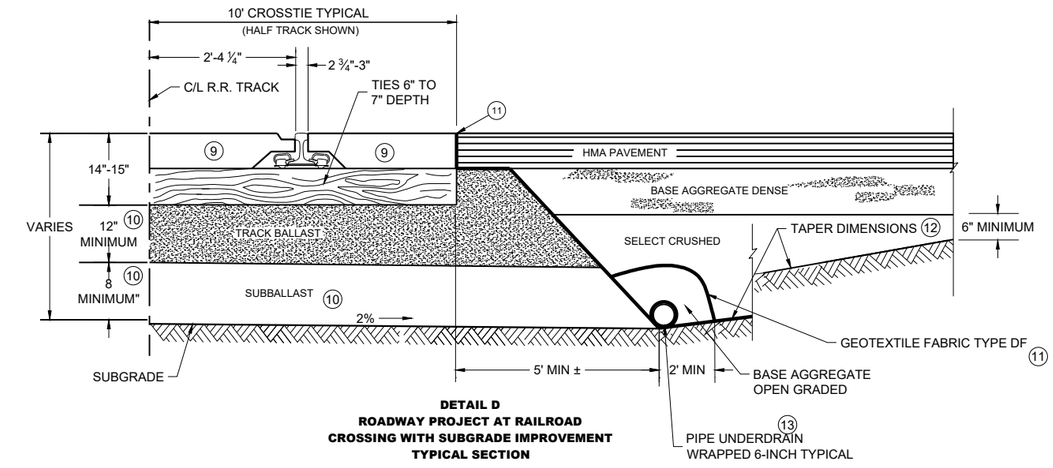
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SDD 13B01-11a

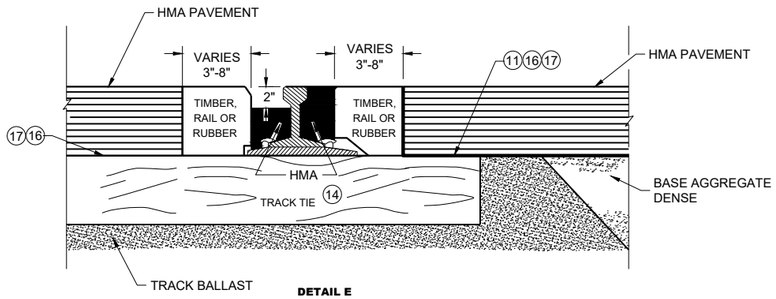
TYPICAL SECTIONS FOR RAILROAD APPROACH



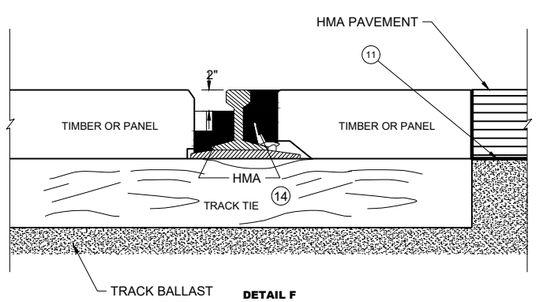
DETAIL C
ROADWAY PROJECT AT RAILROAD
CROSSING WITHOUT SUBGRADE IMPROVEMENT
TYPICAL SECTION



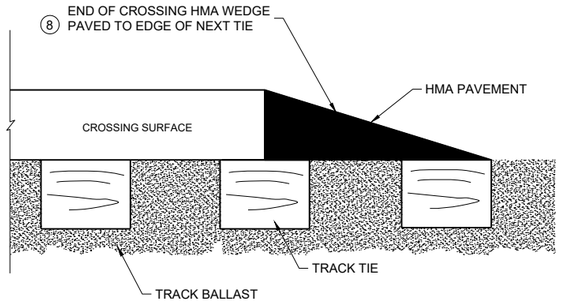
DETAIL D
ROADWAY PROJECT AT RAILROAD
CROSSING WITH SUBGRADE IMPROVEMENT
TYPICAL SECTION



DETAIL E
TIMBER, RAIL OR RUBBER SECTION
HMA FLANGEWAY
AND FIELD FILLERS



DETAIL F
PANEL SECTION
HMA FLANGEWAY
AND FIELD FILLERS



DETAIL G
END OF CROSSING HMA WEDGE

GENERAL NOTES

(8) IF METAL END PLATES ARE NOT INSTALLED BY THE RAILROAD THEN HMA PAVEMENT WEDGE SHALL BE PLACED AT THE END OF THE LAST PANEL TAPERED TO BACK EDGE OF NEXT TIE AND THOROUGHLY COMPACTED. SEE DETAIL A AND B.

(9) MATCH THE CROSSING TYPE THAT IS INSTALLED UNLESS OTHERWISE DIRECTED BY PROJECT ENGINEER.

(10) TRACK BALLAST AND SUBBALLAST REQUIRED 12" AND 8" MINIMUM DEPTHS RESPECTIVELY. DIMENSION FROM BOTTOM OF TRACK TIE TO HIGH SIDE OF 2% SLOPE. THE 2% SLOPE IS REQUIRED ON RAILROAD SUBBALLAST. SEE PLAN FOR CROWN, MATERIAL THICKNESS, AND SLOPE DIRECTION. SUBBALLAST CAN BE HMA, 1 1/2" BASE AGGREGATE DENSE, SELECT CRUSHED, OR A COMBINATION OF THEM.

(11) GEOTEXTILE FABRIC TYPE SAS PLACED IN ORDER TO PROVIDE STABILIZATION AND SEPARATION ON TOP OF THE TRACK BALLAST WHERE IT IS UNDER HMA PAVEMENT, BASE AGGREGATE DENSE OR SELECT CRUSHED MATERIAL AND THE FIELD SIDE BALLAST CRIBS. GEOTEXTILE FABRIC TYPE DF PLACED IN ORDER TO PROVIDE STABILIZATION AND SEPARATION UNDER AND AROUND THE PIPE UNDERDRAIN. PLACING GEOTEXTILE FABRIC OR GEOGRID UNDER THE SUBBALLAST IS OPTIONAL.

(12) TAPER DIMENSIONS PROVIDED BY PLAN OR BY PROJECT ENGINEER.

(13) IF SHOWN ON THE PLAN, TYPICAL 6-INCH PERFORATED PVC SCHEDULE 80 PIPE UNDERDRAIN TO BE PLACED ALONG THE TOE OF SLOPE, GRADED TO DRAIN AND DAYLIGHT OR INTO STORM SEWER. BASE AGGREGATE OPEN GRADED OVER PIPE UNDERDRAIN AND THEN WRAPPED IN GEOTEXTILE FABRIC TYPE DF SCHEDULE A IN ORDER TO STABILIZE AND SEPARATE FROM SELECT CRUSHED.

(14) HMA FLANGEWAY AND FIELD FILLERS ARE TO BE PLACED AND THOROUGHLY HAND COMPACTED BY THE CONTRACTOR, WHEN NOT PROVIDED BY OTHERS AS PART OF THE CROSSING SURFACE MATERIAL. IF THE CROSSING SURFACE IS NOT BEING REPLACED, THEN REMOVE AND REPLACE THE HMA FLANGEWAY AND FIELD FILLERS AS DIRECTED BY THE RAILROAD OR PROJECT ENGINEER.

(15) GRADE TO MATCH EXISTING OR PROPOSED TYPICAL SECTION OF ROADWAY. SEE PLAN OR PROJECT ENGINEER FOR MORE DETAIL. IF NOT NOTED OTHERWISE IN THE PLAN, BACKFILL ANY REMOVED BASE AND SUBGRADE WITH BASE AGGREGATE DENSE.

(16) IF THE CROSSING IS NOT BEING REPLACED, REMOVE AND REPLACE HMA AS DIRECTED BY RAILROAD AND PROJECT ENGINEER. CARE MUST BE TAKEN TO NOT DAMAGE CROSSING PANELS, TIES, RAIL, PLATES AND SPIKES.

(17) PLACE HMA FULL DEPTH. AGGREGATE IS NOT TO BE PLACED BETWEEN THE RAILROAD TIES AND THE HMA PAVEMENT.

TYPICAL SECTIONS FOR RAILWAY APPROACH

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2023
DATE

/S/ Kristen Sommers
STATE RAILROAD ENGINEERING AND SAFETY SUPERVISOR

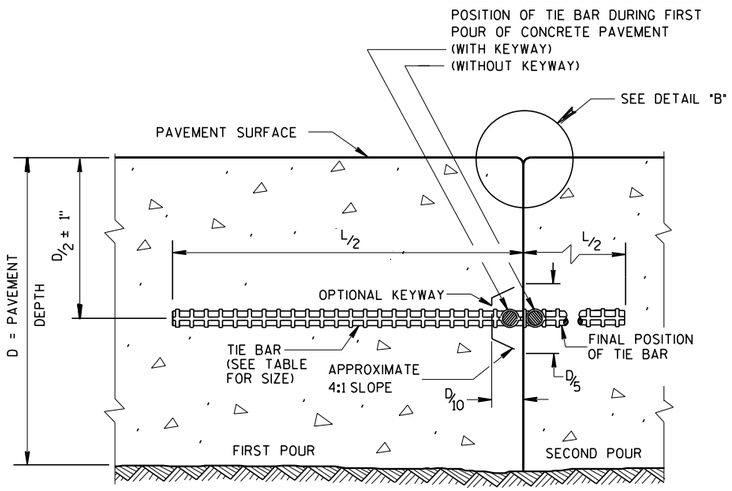
FHWA

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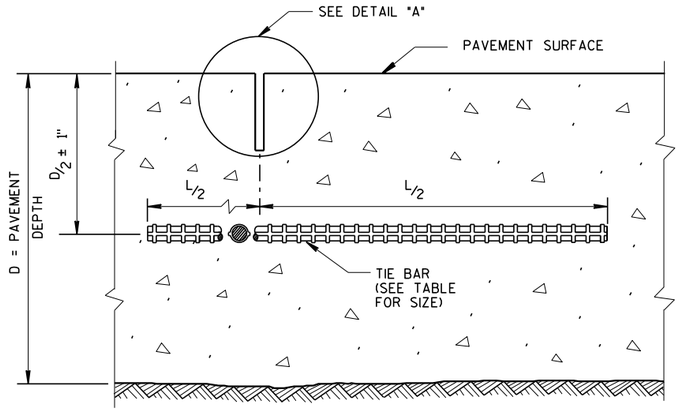
SDD 13B01-11b

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SDD 13B01-11b



CONSTRUCTION JOINT



SAWED JOINT

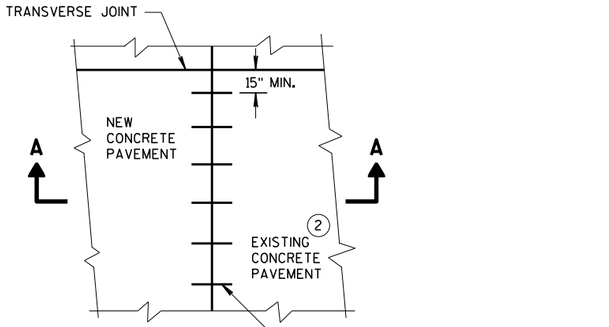
GENERAL NOTES

CREATE A LONGITUDINAL JOINT FOR PAVEMENT WIDTHS GREATER THAN 15 FEET.

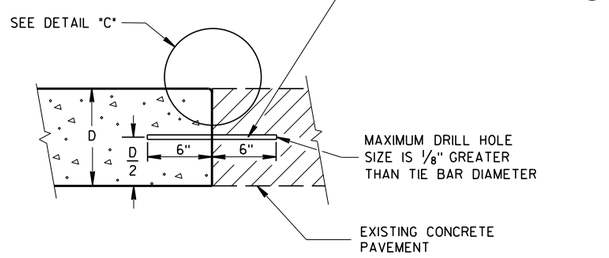
CORRELATE LONGITUDINAL JOINTS WITH LANE LINES WHEN POSSIBLE.

(1) ANCHOR TIE BARS INTO DRILLED HOLES WITH AN EPOXY.

(2) PAVEMENT THAT WAS IN PLACE PRIOR TO THE CONTRACT.

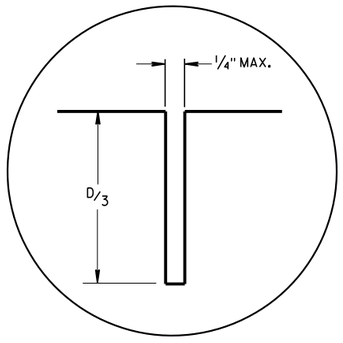


PLAN VIEW

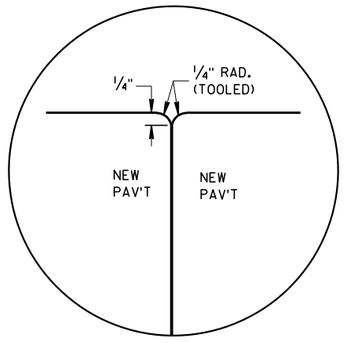


SECTION A-A

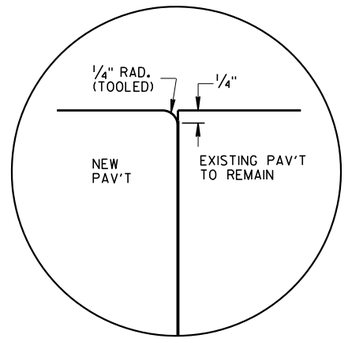
LONGITUDINAL CONSTRUCTION JOINT TIE BARS ANCHORED INTO EXISTING PAVEMENT



DETAIL "A"



DETAIL "B"



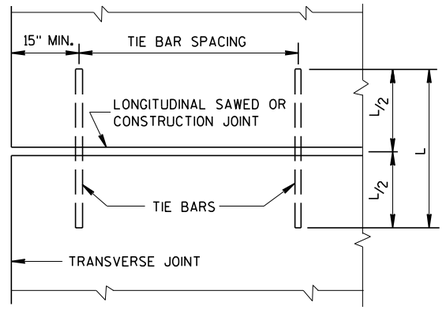
DETAIL "C"

TIE BAR TABLE

PAVEMENT DEPTH (D)	TIE BAR SIZE	TIE BAR LENGTH (L)	MAX. TIE BAR SPACING
< 10 1/2"	NO. 4	30"	36"
≥ 10 1/2"	NO. 5	36"	36"
	NO. 4 *	30"	24" **

* SUBSTITUTE BENT BARS AT LONGITUDINAL JOINTS WHEN EQUIPMENT LIMITATIONS DURING CONSTRUCTION WARRANT (e.g. AUXILIARY LANES OR TURN LANES)

** CONFORM TO 15" MINUMUM SPACING FROM TRANSVERSE JOINTS; SPACING BETWEEN TIE BARS WILL BE 30" AT TRANSVERSE JOINTS.



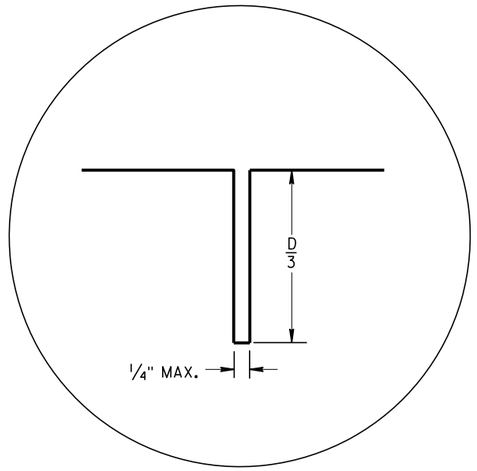
PLAN VIEW
SHOWING LOCATION OF TIE BARS

CONCRETE PAVEMENT
LONGITUDINAL JOINTS AND TIES

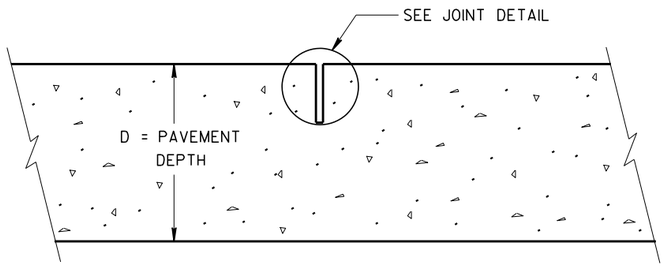
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
March 2018
DATE
/S/ Peter Kemp PE
PAVEMENT SUPE
FHWA

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S.D.D. 13 C 1-19



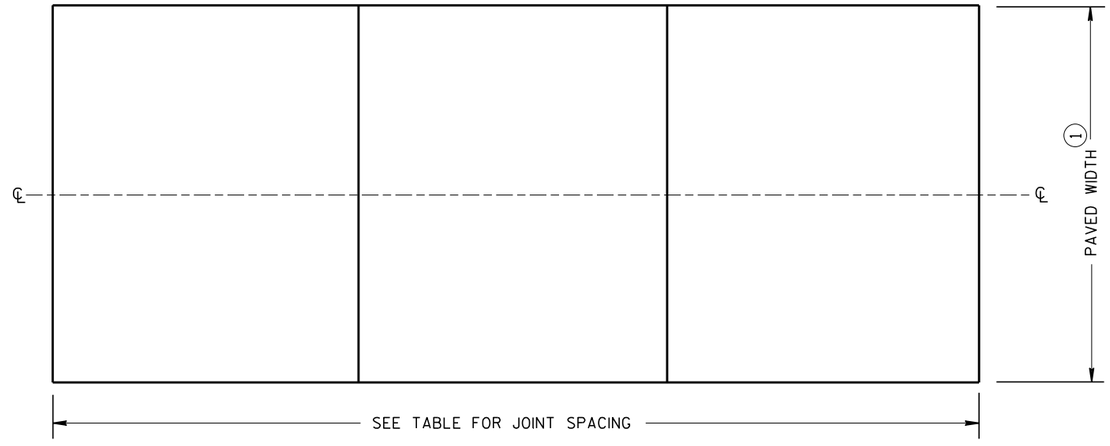
JOINT DETAIL



CONTRACTION JOINT

PAVEMENT DEPTH AND JOINT SPACING TABLE

PAVEMENT DEPTH (D)	CONTRACTION JOINT SPACING
6", 6 1/2"	12'
7", 7 1/2"	14'
8" & ABOVE	15'



CONTRACTION JOINT LOCATIONS

GENERAL NOTES

CONTRACTION JOINTS

CONSTRUCT TRANSVERSE CONTRACTION JOINTS NORMAL TO THE CENTERLINE.

LOCATE AND ORIENT CONTRACTION JOINTS THROUGH INTERSECTIONS AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER.

CONSTRUCTION JOINTS

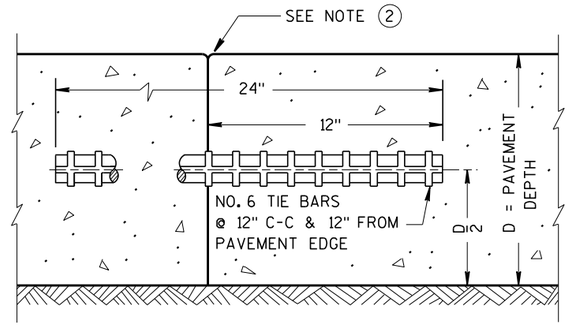
LOCATE CONSTRUCTION JOINTS A MINIMUM OF 6 FEET FROM THE NEAREST CONTRACTION JOINT AND ALIGN PARALLEL TO THE CONTRACTION JOINTS.

FORM OR SAW CONSTRUCTION JOINTS.

THE CONTRACTOR MAY INSERT TIE BARS THROUGH THE HEADER BOARD AFTER THE CONCRETE HAS BEEN PLACED.

(1) REFER TO TYPICAL CROSS SECTIONS FOR PAVED WIDTH AND LOCATION OF LONGITUDINAL JOINTS.

(2) PROVIDE A SMOOTH VERTICAL FACE FOR THE ENTIRE DEPTH OF THE PAVEMENT WHEN FORMING CONSTRUCTION JOINTS. PROVIDE A 1/4-INCH RADIUS AT FORMED JOINTS.



TIED TRANSVERSE CONSTRUCTION JOINT

URBAN
NON-DOWELED CONCRETE PAVEMENT

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

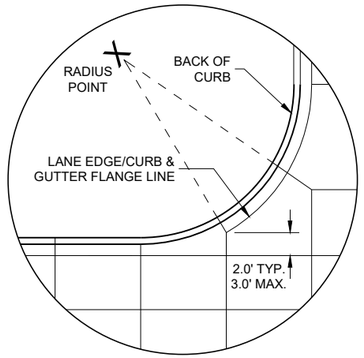
APPROVED
March 2018
DATE

/S/ Peter Kemp P.E.
PAVEMENT SUPI

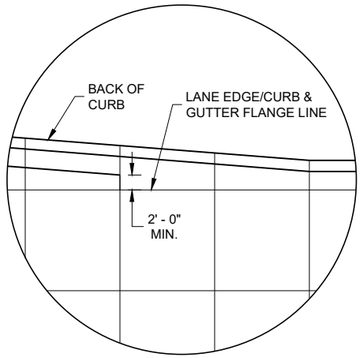
FHWA

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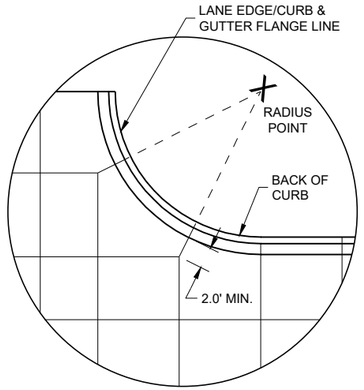
S.D.D. 13 C 4-17



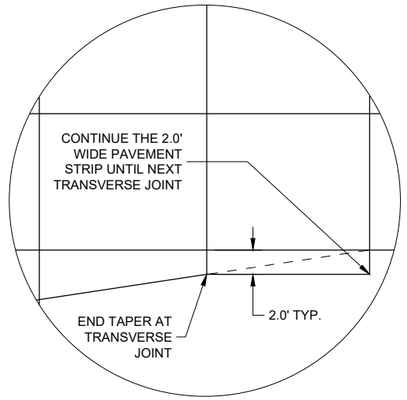
DETAIL "A"



DETAIL "B"



DETAIL "C"



DETAIL "D"

GENERAL NOTES

THE PRIMARY ROADWAY CONTROLS THE TRANSVERSE JOINT PATTERN.

ALIGN NEW JOINTS WITH EXISTING JOINTS OR CRACKS.

CONSTRUCT TRANSVERSE JOINTS PERPENDICULAR TO THE ROADWAY.

ADJUST TRANSVERSE JOINTS TO ALIGN WITH UTILITY FIXTURES (E.G MANHOLES AND INLETS) IN THE PAVEMENT STRUCTURE WHEN POSSIBLE. WATER VALVES DO NOT REQUIRE JOINT ADJUSTMENT.

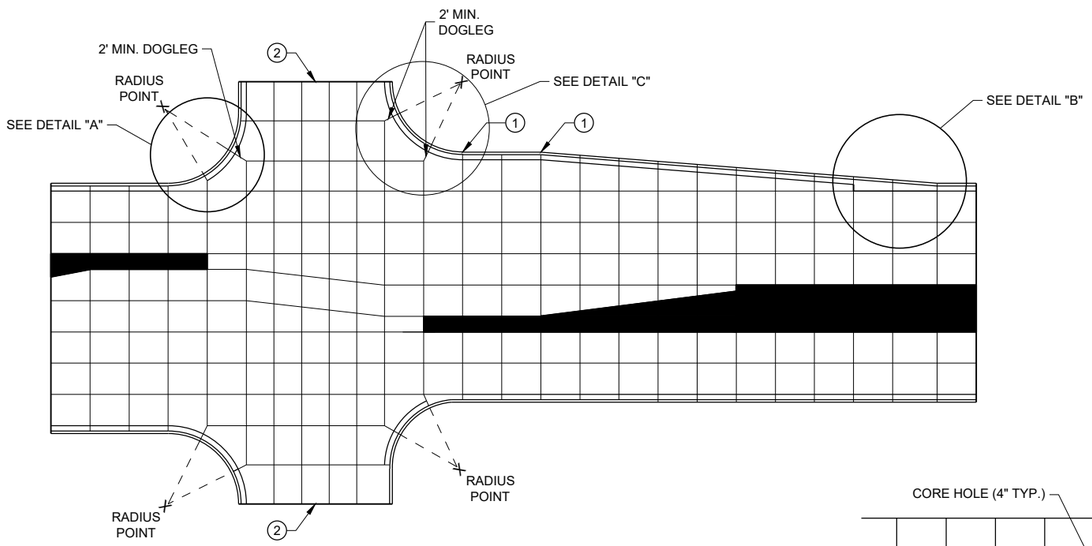
AVOID SLABS LESS THAN 2 FEET WIDE OR GREATER THAN 15 FEET WIDE.

SEE TABLE FOR TRANSVERSE JOINT SPACING. JOINT SPACING SPECIFIED IS MAXIMUM AND ACTUAL SPACING CAN BE ADJUSTED TO ACCOMMODATE INTERSECTIONS.

AVOID ANGLES LESS THAN 60° BY DOGLEGGING JOINTS THROUGH CURVE RADIUS POINTS. USE 90° ANGLES WHEN POSSIBLE.

CORRELATE LONGITUDINAL JOINTS WITH LANE LINES WHEN POSSIBLE.

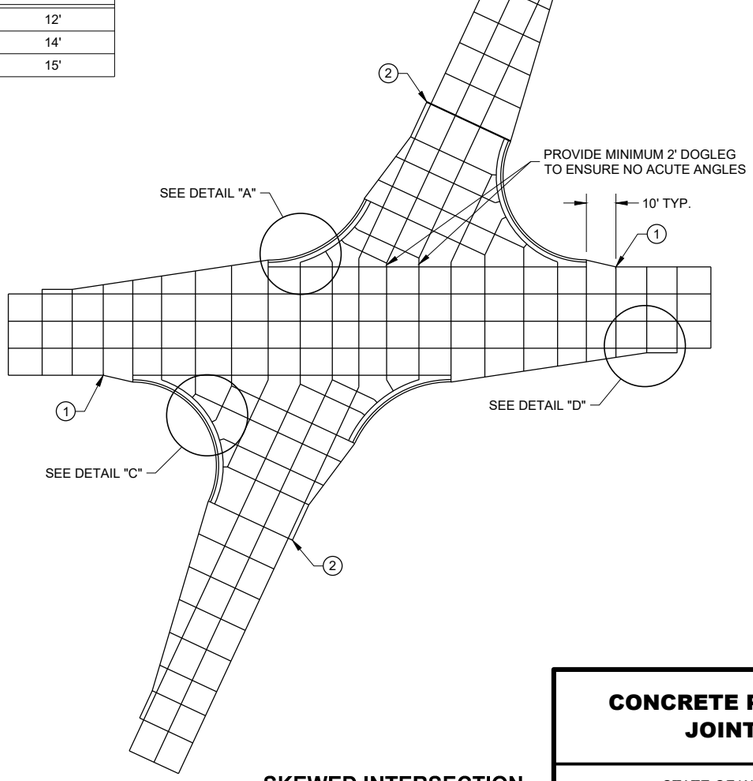
1. PROVIDE TRANSVERSE JOINTS AT ALL PAVEMENT WIDTH CHANGES.
2. CONSTRUCT DOWELED EXPANSION JOINT ON THE SIDE ROAD OF AN INTERSECTION IF THE SIDE ROAD IS CONCRETE PAVEMENT AND GREATER THAN 300 FEET IN LENGTH. ALIGN EXPANSION JOINT WITH EDGE OF RADIUS.
3. THE ENGINEER MAY APPROVE SLIGHT VARIATIONS FROM THESE JOINTING DETAILS.



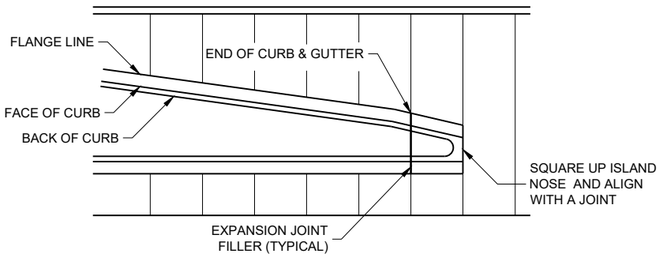
STANDARD INTERSECTION

PAVEMENT DEPTH AND JOINT SPACING TABLE

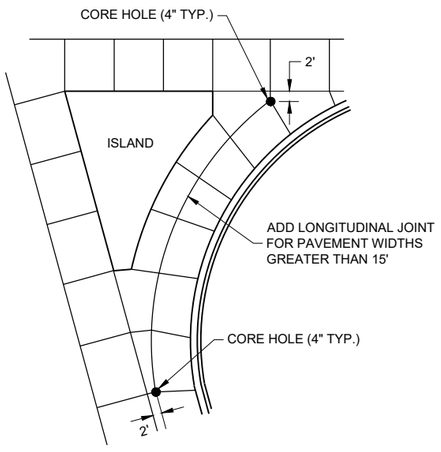
PAVEMENT DEPTH (D)	CONTRACTION JOINT SPACING
6", 6 ½"	12'
7", 7 ½"	14'
8" & ABOVE	15'



SKEWED INTERSECTION



APPROACH TO MEDIAN



LARGE RIGHT TURN

CONCRETE PAVEMENT JOINTING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

SDD 13C18 - 08a

6

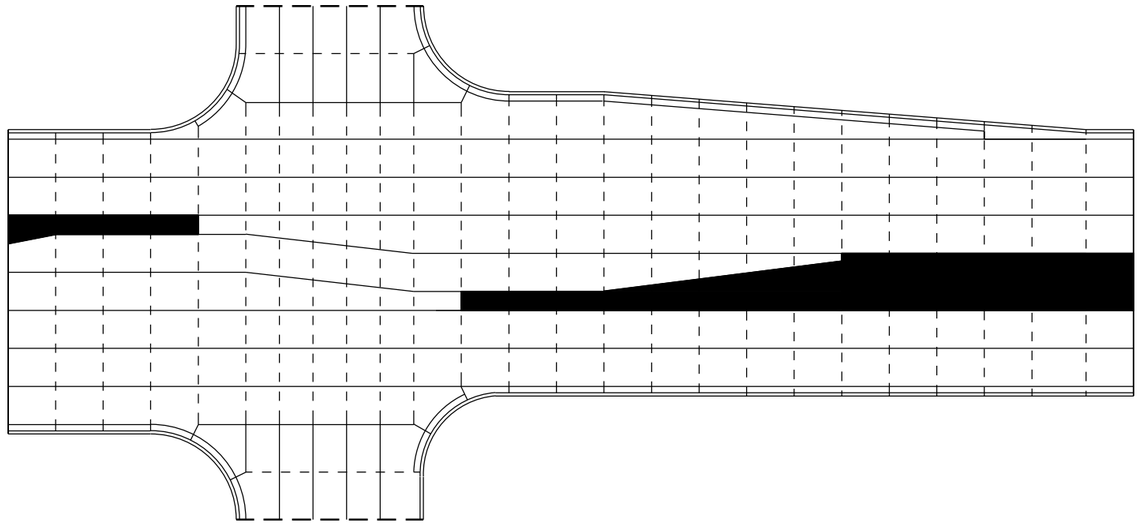
SDD 13C18 - 08a

LEGEND

POTENTIAL DOWELED EXPANSION JOINT

DOWELED JOINT

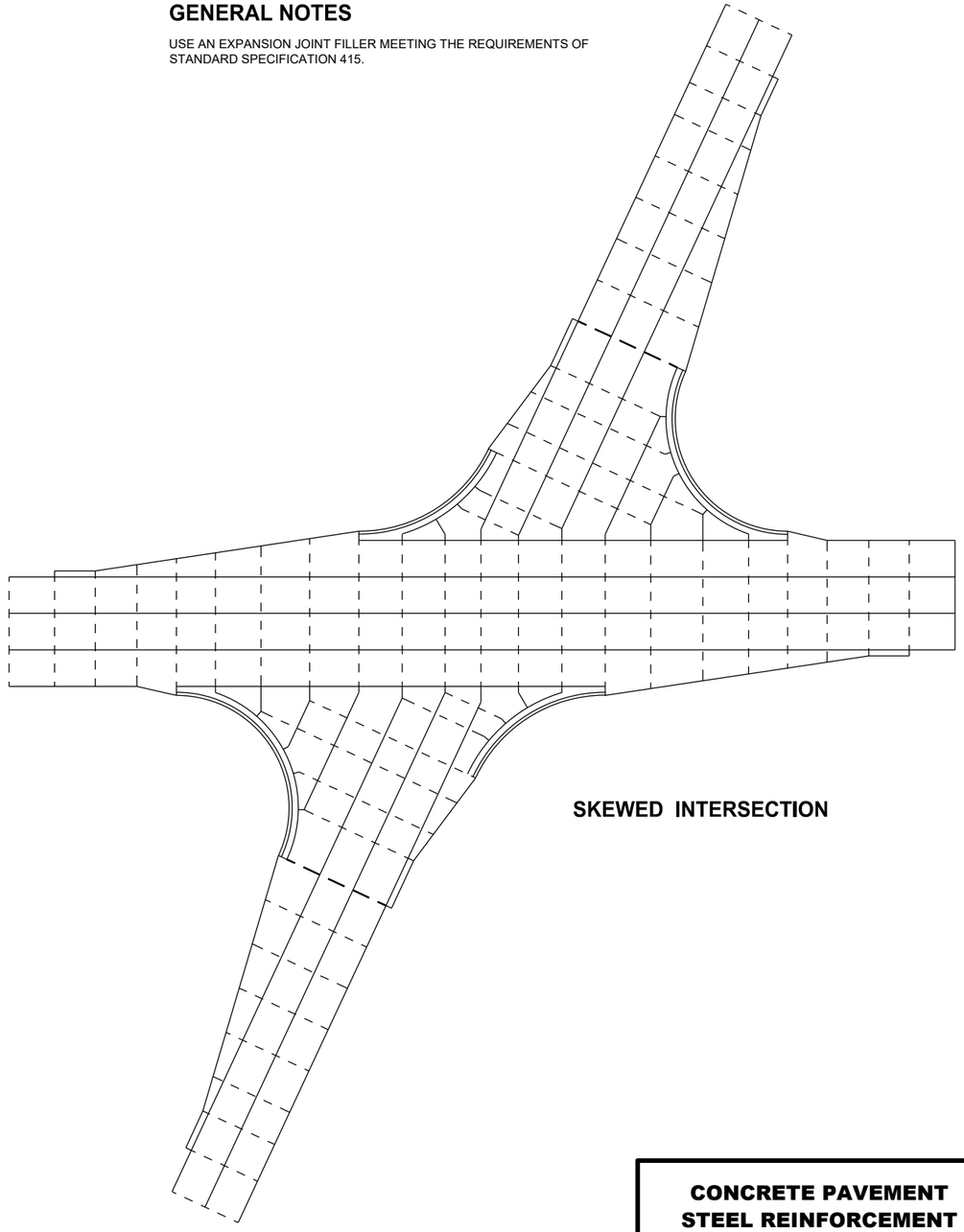
TIED JOINT



STANDARD INTERSECTION

GENERAL NOTES

USE AN EXPANSION JOINT FILLER MEETING THE REQUIREMENTS OF STANDARD SPECIFICATION 415.



SKEWED INTERSECTION

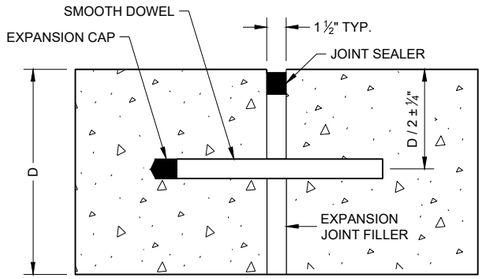
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SDD 13C18 - 08b

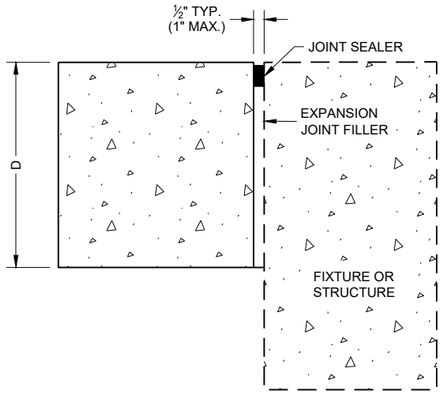
CONCRETE PAVEMENT STEEL REINFORCEMENT

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SDD 13C18 - 08b



DOWELED TRANSVERSE (1)



UNTIED - LONGITUDINAL

EXPANSION JOINTS

TIE BAR TABLE

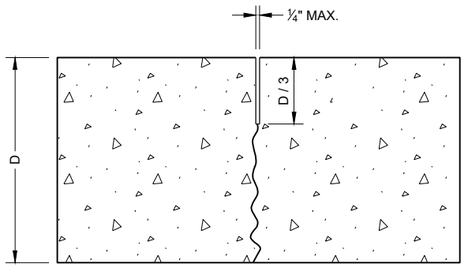
PAVEMENT DEPTH (D)	TIE BAR SIZE	TIE BAR LENGTH (L)	MAX. TIE BAR SPACING
< 10 ½"	NO. 4	30"	36"
≥ 10 ½"	NO. 5	36"	36"
	NO. 4 *	30"	24" **

* SUBSTITUTE BENT BARS AT LONGITUDINAL JOINTS WHEN EQUIPMENT LIMITATIONS DURING CONSTRUCTION WARRANT (e.g. AUXILIARY LANES OR TURN LANES)

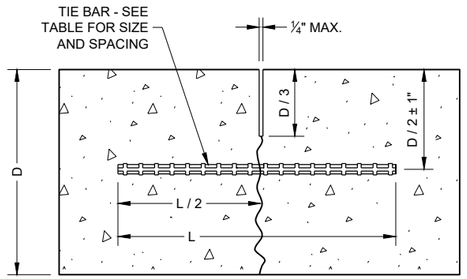
** CONFORM TO 15" MINIMUM SPACING FROM TRANSVERSE JOINTS; SPACING BETWEEN TIE BARS WILL BE 30" AT TRANSVERSE JOINTS.

GENERAL NOTES

1. USE DOWELED EXPANSION JOINTS ON SIDE ROADS AT INTERSECTIONS (TO ISOLATETHE SIDE ROAD FROM THE THROUGH STREET) IF THE SIDE ROAD IS CONCRETE PAVEMENT AND GREATER THAN 300 FEET IN LENGTH.
2. SPACE CONTRACTION JOINTS IN ACCORDANCE WITH SDD 13C4, 13C11 OR 13C13.
3. LOCATE CONSTRUCTION JOINTS A MINIMUM OF 6 FEET FROM THE NEAREST CONTRACTION JOINT AND ALIGN PARALLEL TO CONTRACTION JOINTS.
4. CONSTRUCTION JOINTS CAN BE FORMED OR SAWED.
5. IF JOINT IS FORMED, PROVIDE A ¼" RADIUS.
6. ANCHOR TIE BARS INTO DRILLED HOLES WITH AN EPOXY.



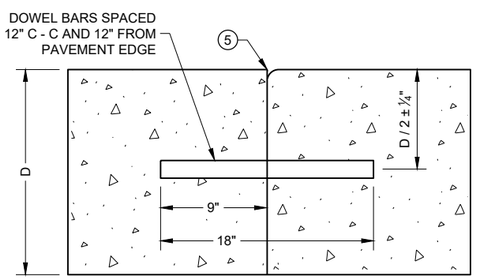
UNDOWELED TRANSVERSE



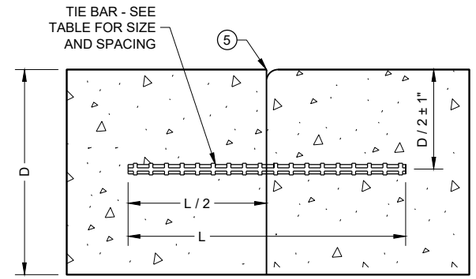
TIED LONGITUDINAL

DOWELED TRANSVERSE

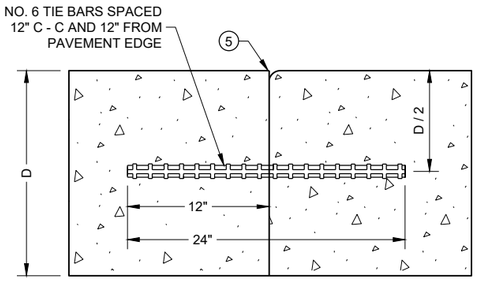
CONTRACTION JOINTS (2)



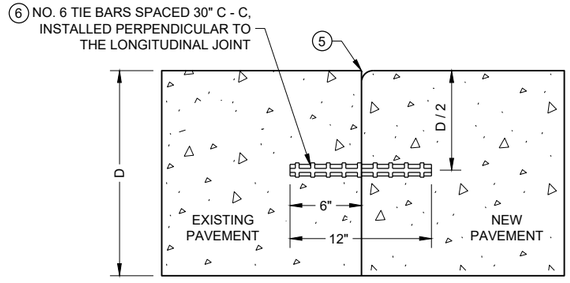
DOWELED TRANSVERSE (3)



TIED LONGITUDINAL



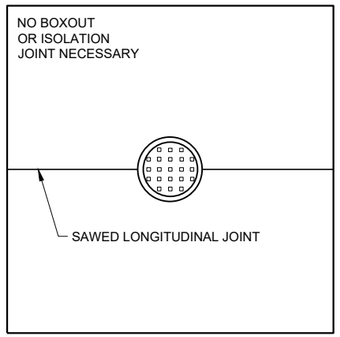
TIED TRANSVERSE (3)
(FOR USE ON NON-DOWELED PAVEMENTS ONLY)



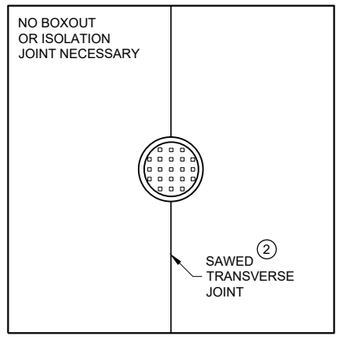
TIED LONGITUDINAL TO EXISTING

CONSTRUCTION JOINTS (4)

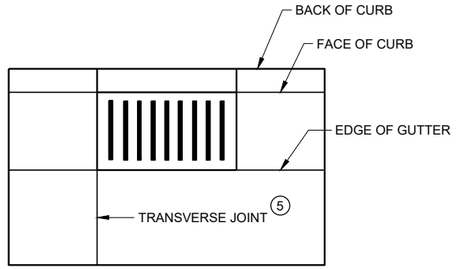
CONCRETE PAVEMENT JOINT TYPES



MANHOLE WITH LONGITUDINAL JOINT



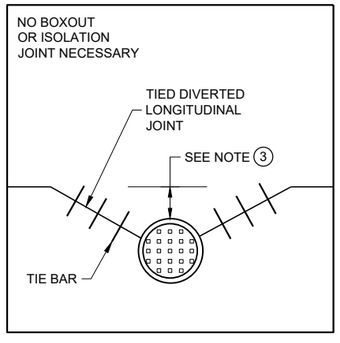
MANHOLE WITH TRANSVERSE JOINT



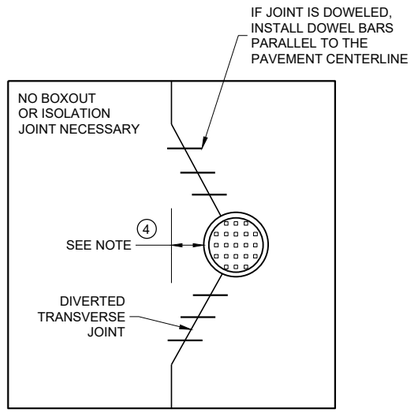
INLET WITH TRANSVERSE JOINT

GENERAL NOTES

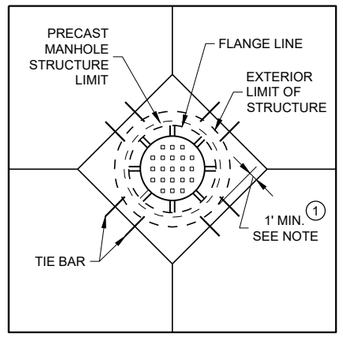
1. USE BOXOUTS WHEN UTILITY STRUCTURE IS IN THE PATH OF CONSTRUCTION JOINTS. PROVIDE A 1 FOOT MINIMUM CLEARANCE BETWEEN THE EXTERIOR LIMIT OF THE STRUCTURE TO THE DIAMOND BOXOUT.
2. ADJUST TRANSVERSE JOINT TO INTERSECT MANHOLE IF POSSIBLE.
3. IF DISTANCE BETWEEN THE LONGITUDINAL JOINT AND THE EDGE OF MANHOLE IS 2 FEET OR LESS, DIVERT THE LONGITUDINAL JOINT AT A 2:1 TAPER RATE TO THE CENTER OF THE MANHOLE. IF THE DISTANCE IS GREATER THAN 2 FEET, DO NOT DIVERT THE JOINT AND SAW AS NORMAL. PLACE REINFORCEMENT REBAR AROUND THE MANHOLE.
4. IF THE DISTANCE FROM THE EDGE OF THE MANHOLE TO THE NEAREST TRANSVERSE JOINT IS LESS 4 FEET OR LESS, REDIRECT JOINT TO INTERSECT THE CENTER OF THE MANHOLE. IF DISTANCE IS GREATER THAN 4 FEET, DO NOT DIVERT THE JOINT AND SAW AS NORMAL. PLACE REINFORCEMENT REBAR AROUND THE MANHOLE.
5. ALIGN TRANSVERSE JOINT WITH ONE EDGE OF INLET WHEN PRACTICAL.



MANHOLE WITH DIVERTED LONGITUDINAL CONTRACTION JOINT



MANHOLE WITH DIVERTED TRANSVERSE CONTRACTION JOINT



DIAGONAL MANHOLE BOXOUT FOR CONSTRUCTION JOINTS

CONCRETE PAVEMENT JOINTING AT UTILITY FIXTURES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2023
DATE

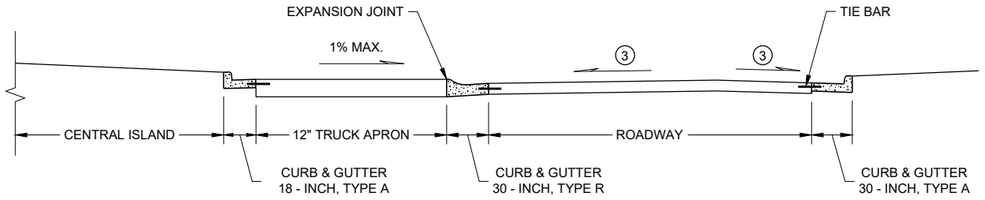
/S/ Peter Kemp P.E.
PAVEMENT SUPERVISO

FHWA

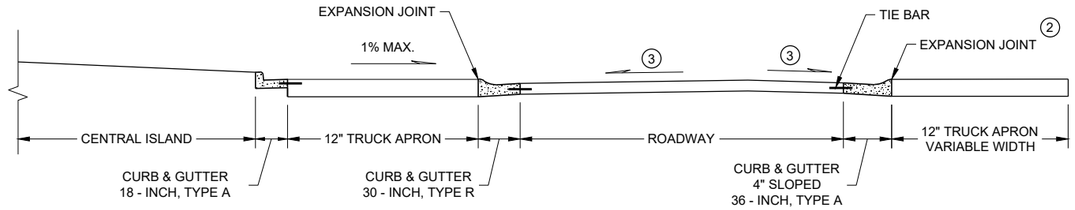
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SDD13C18 - 08d

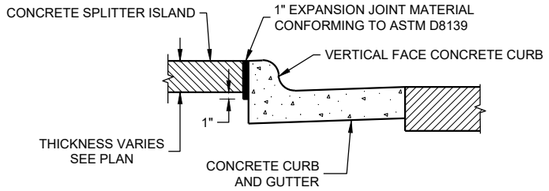
SDD13C18 - 08d



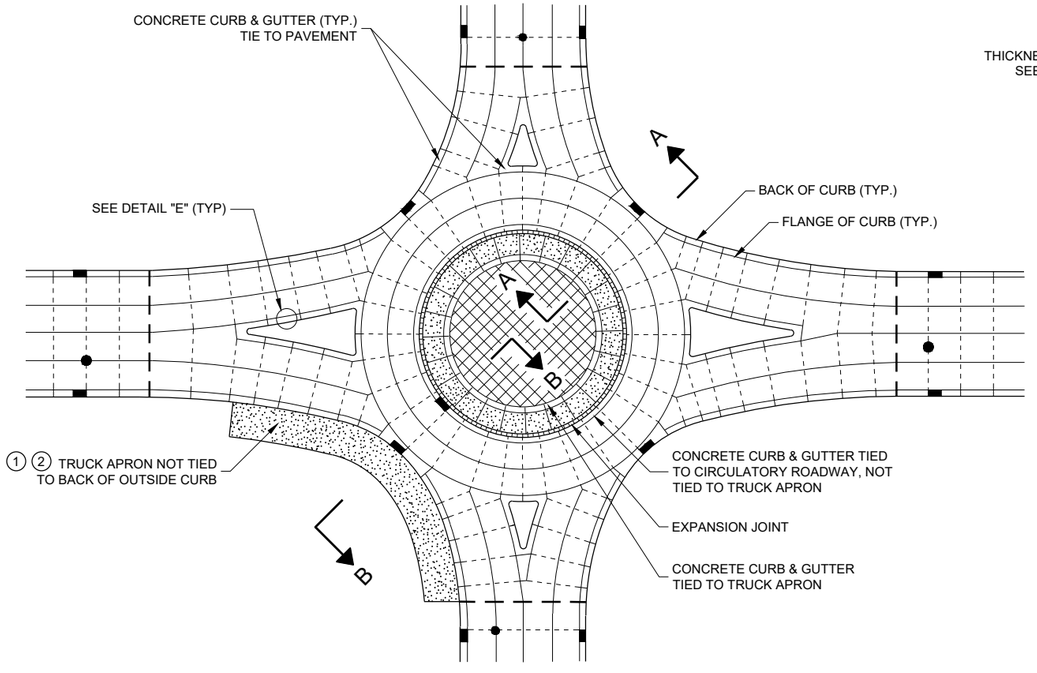
SECTION A - A



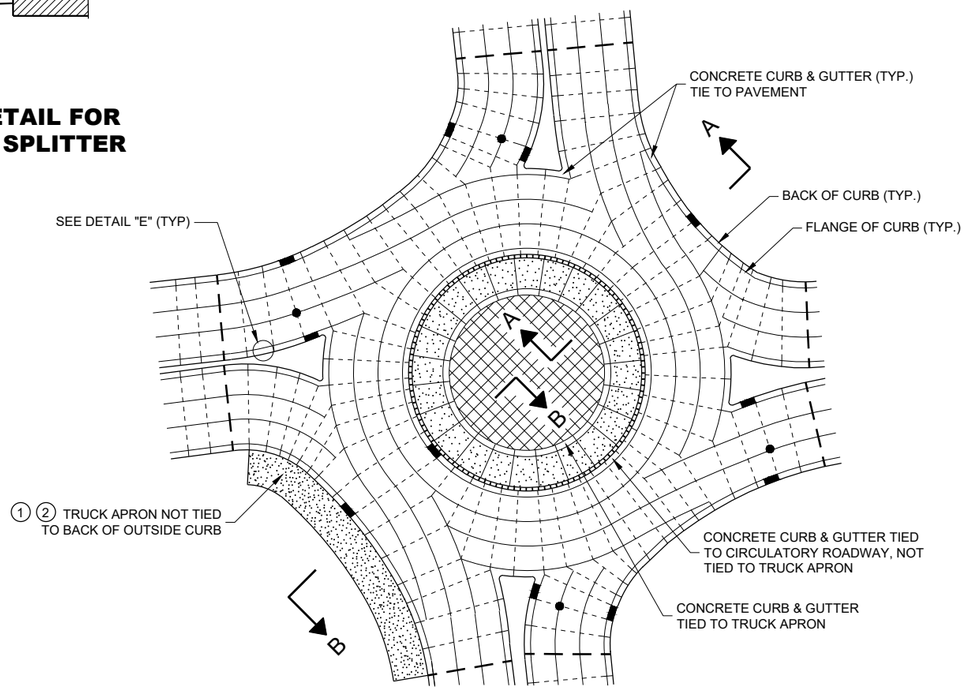
SECTION B - B



DETAIL 'E'
EXPANSION JOINT DETAIL FOR VERTICAL CURB AT A SPLITTER ISLAND



ISOLATED CIRCLE JOINT LAYOUT FOR ROUNDABOUTS



PINWHEEL JOINT LAYOUT FOR ROUNDABOUTS

GENERAL NOTES

MAXIMUM JOINT SPACING IS IN ACCORDANCE WITH THE TABLE SHOWN ON SDD 13C18 - SHEET "a"

USE EXPANSION JOINT FILLER MEETING THE REQUIREMENTS OF STANDARD SPECIFICATION 415.

DO NOT DOWEL OR TIE THE TRUCK APRON TRANSVERSE JOINTS.

(1) DESIGNER DETERMINES SIZE AND LOCATION(S) OF TRUCK APRON TO ACCOMMODATE TRACKING OF OVERSIZE / OVERWEIGHT VEHICLES.

(2) TIE THE OUTSIDE TRUCK APRON TO THE BACK SIDE OF CURB ONLY WHEN ENTIRE TRUCK APRON IS LESS THAN 3 FEET.

(3) CONFORM TO PLAN CONSTRUCTION DETAILS FOR CIRCULATORY ROADWAY CROSS SLOPE.

LEGEND

- DOWELED JOINT
- TIED JOINT
- EXPANSION JOINT
- POTENTIAL DOWELED EXPANSION JOINT
- TRUCK APRON
- CENTRAL ISLAND
- UTILITY STRUCTURES

CONCRETE PAVEMENT JOINTING AND STEEL REINFORCEMENT IN ROUNDABOUTS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2023
DATE
/S/ Peter Kemp P.E.
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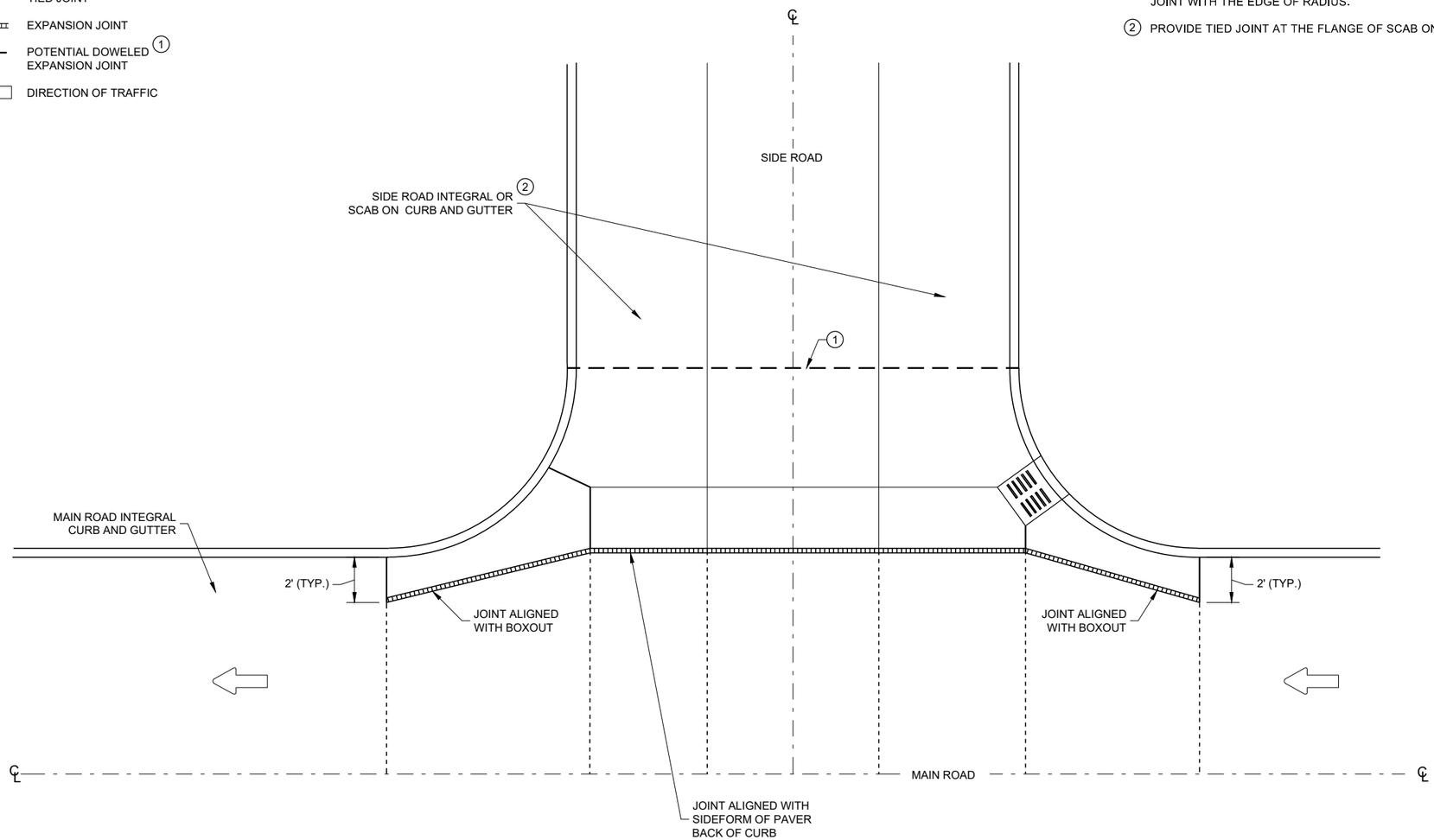
FHWA

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SDD 13C18 - 08e

LEGEND

- DOWELED JOINT
- TIED JOINT
- EXPANSION JOINT
- POTENTIAL DOWELED EXPANSION JOINT (1)
- DIRECTION OF TRAFFIC



GENERAL NOTES

(1) CONSTRUCT DOWELED EXPANSION JOINT ON THE SIDE ROAD OF AN INTERSECTION IF THE SIDE ROAD IS CONCRETE PAVEMENT AND GREATER THAN 300 FEET IN LENGTH. ALIGN EXPANSION JOINT WITH THE EDGE OF RADIUS.

(2) PROVIDE TIED JOINT AT THE FLANGE OF SCAB ON CURB IF SCAB ON CURB AND GUTTER IS USE.

INTERSECTION BOXOUT FOR INTEGRAL CURB AND GUTTER

CONCRETE PAVEMENT INTERSECTION BOXOUT FOR INTEGRAL CURB AND GUTTER

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2023
DATE

/S/ Peter Kemp P.E.
PAVEMENT SUPERVIS

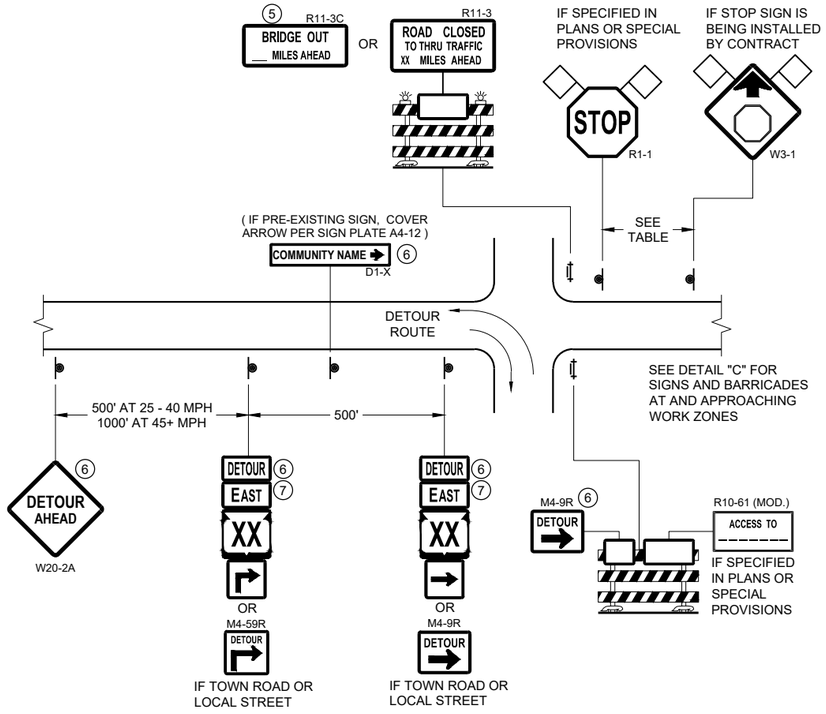
FHWA

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SDD 13C18 - 08f

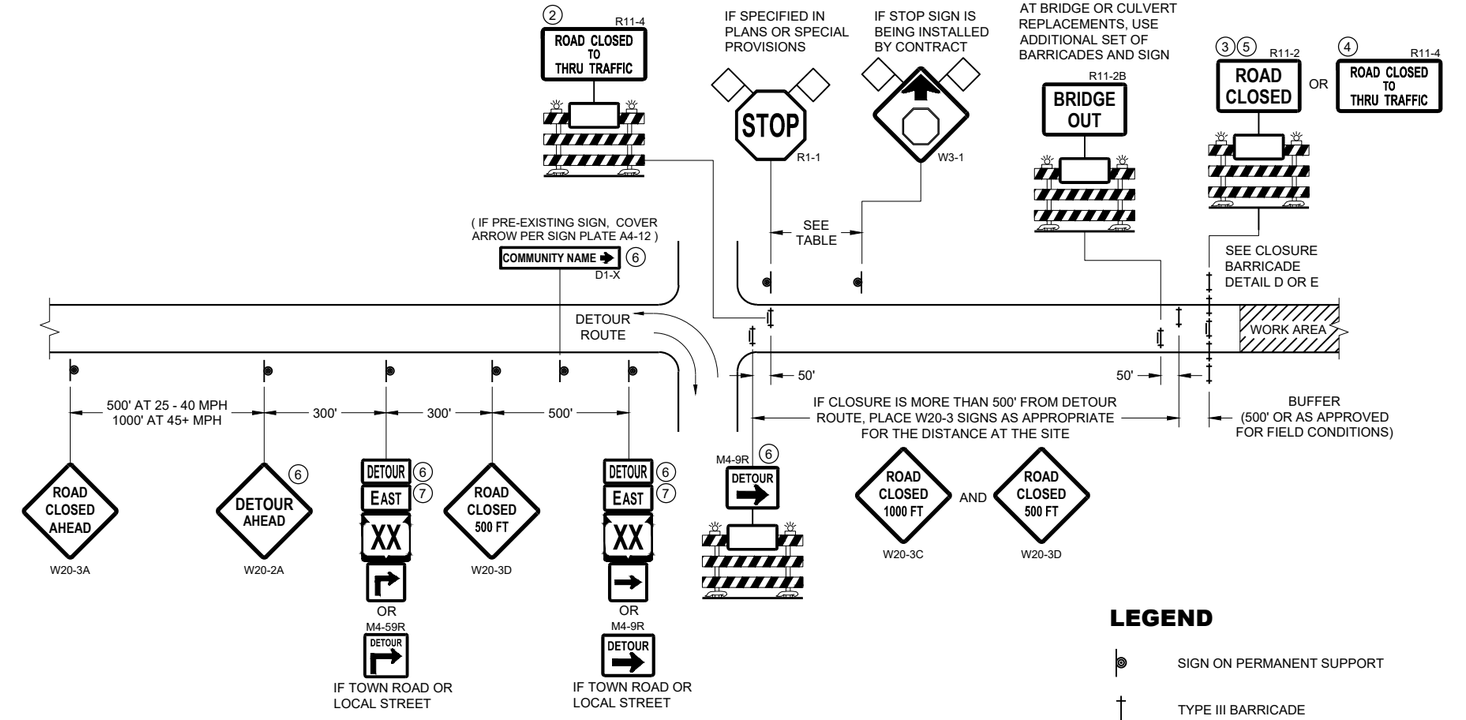
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SDD 13C18 - 08f



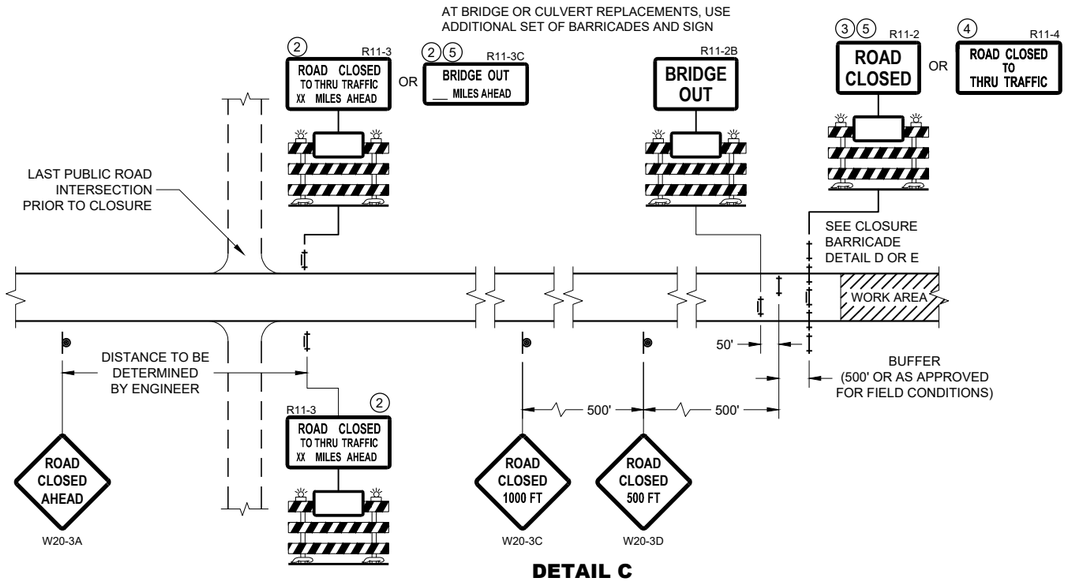
DETAIL A
MAINLINE CLOSURE WITH POSTED DETOUR

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)



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

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

BARRICADES AND SIGNS FOR MAINLINE CLOSURES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

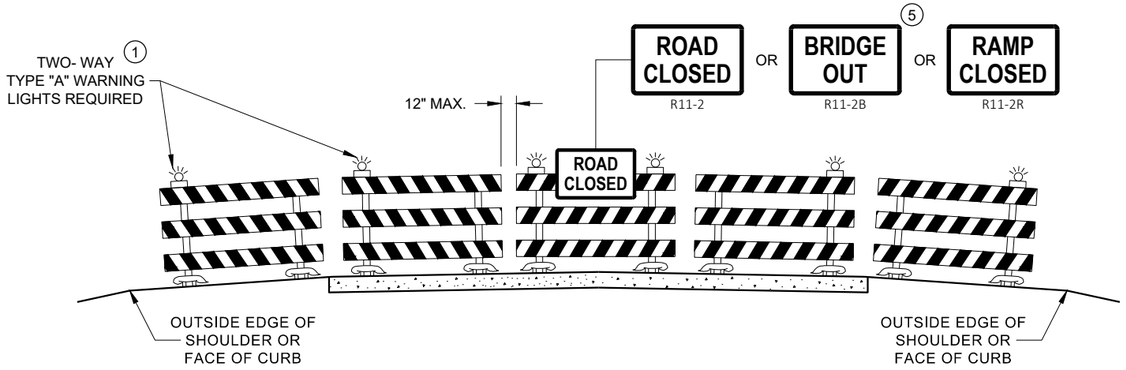
APPROVED
May 2023
DATE
/S/ Andrew Heidtke
WORK ZONE ENGINEER

FHWA

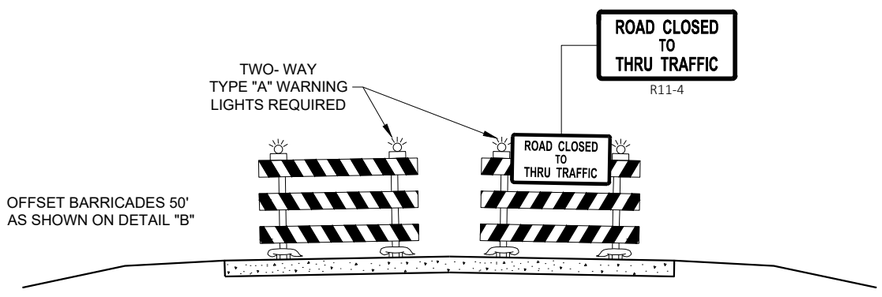
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SDD 15C02 - 09a

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

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SDD 15C02 - 09b

THIS DRAWING PROVIDES GENERAL GUIDANCE ON TYPICAL DETOUR SIGN LAYOUT AND SPACING. SEE PROJECT DETOUR SIGNING SHEETS FOR SPECIFIC DETAILS FOR EACH PROJECT.

LEGEND

- SIGN ON PERMANENT SUPPORT
- WORK AREA
- DETOUR — M4 - 8
- EAST — M3 - X
- XX — M1 - 4 OR XX — M1 - 6 OR COUNTY X — M1 - 5A
- M05 - 1 OR M06 - 1 OR M06 - 1

GENERAL NOTES

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

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. SEE SPECIFIC PROJECT DETOUR SIGNING DETAIL SHEETS. MODIFY EXISTING SIGNS WHERE POSSIBLE.

THE SPACING BETWEEN TRAFFIC CONTROL AND DETOUR SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A DESIRABLE MINIMUM OF 200 FEET CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER.

SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

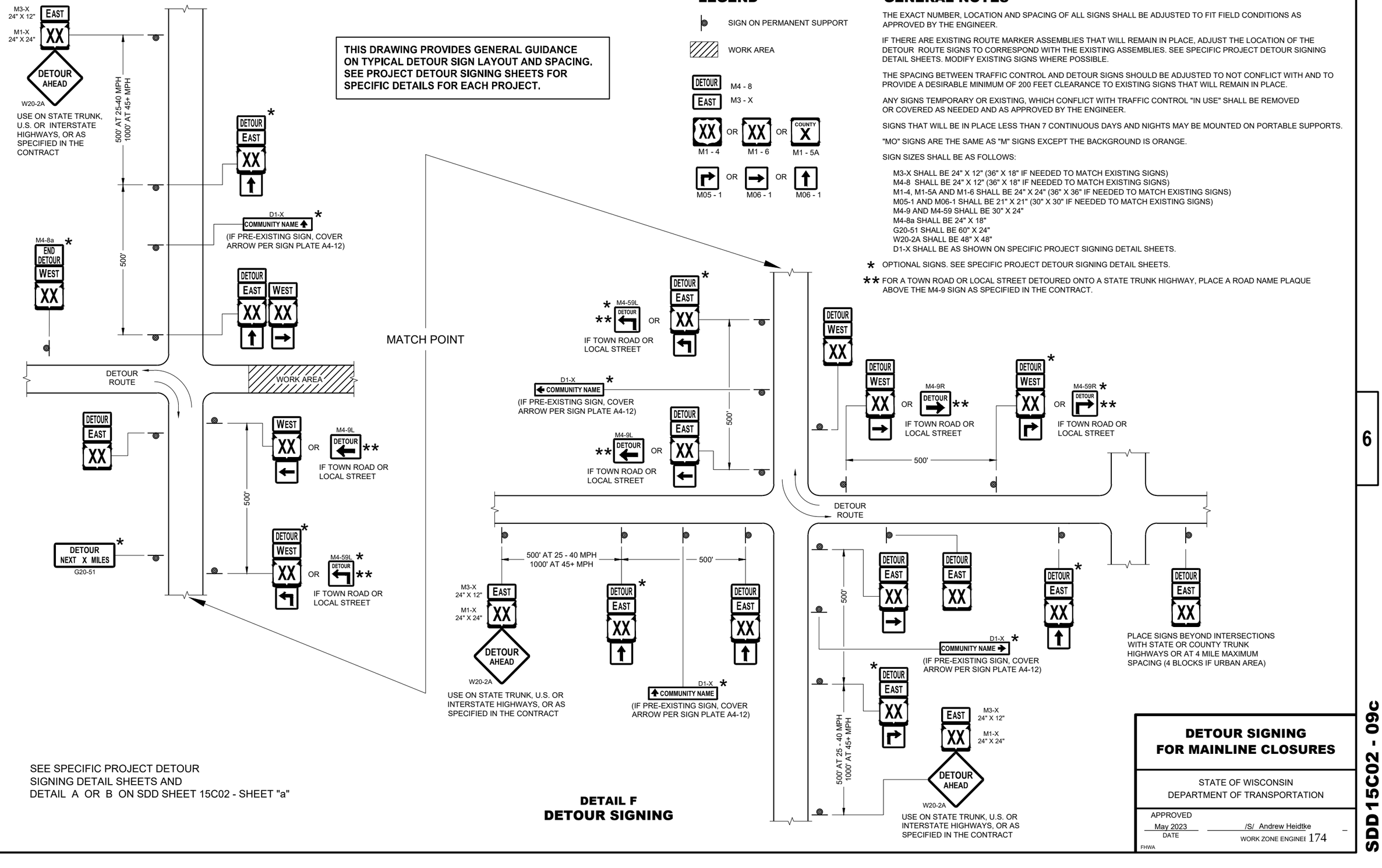
"MO" SIGNS ARE THE SAME AS "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

SIGN SIZES SHALL BE AS FOLLOWS:

- 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)
- M05-1 AND M06-1 SHALL BE 21" X 21" (30" X 30" IF NEEDED TO MATCH EXISTING SIGNS)
- M4-9 AND M4-59 SHALL BE 30" X 24"
- M4-8a SHALL BE 24" X 18"
- G20-51 SHALL BE 60" X 24"
- W20-2A SHALL BE 48" X 48"
- D1-X SHALL BE AS SHOWN ON SPECIFIC PROJECT SIGNING DETAIL SHEETS.

* OPTIONAL SIGNS. SEE SPECIFIC PROJECT DETOUR SIGNING DETAIL SHEETS.

** FOR A TOWN ROAD OR LOCAL STREET DETOURED ONTO A STATE TRUNK HIGHWAY, PLACE A ROAD NAME PLAQUE ABOVE THE M4-9 SIGN AS SPECIFIED IN THE CONTRACT.



SEE SPECIFIC PROJECT DETOUR SIGNING DETAIL SHEETS AND DETAIL A OR B ON SDD SHEET 15C02 - SHEET "a"

DETAIL F
DETOUR SIGNING

DETOUR SIGNING FOR MAINLINE CLOSURES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

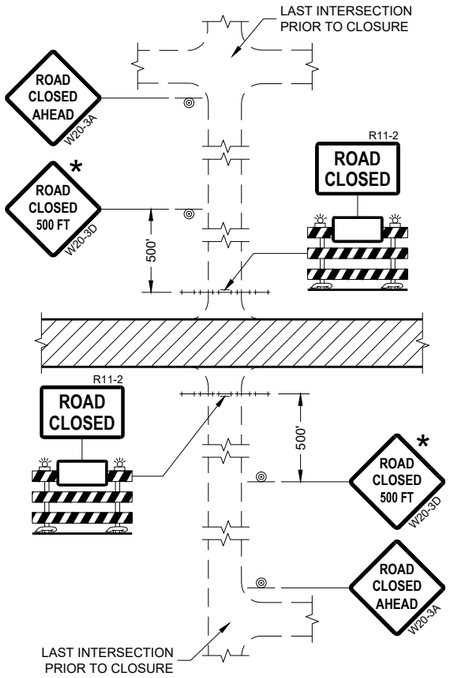
APPROVED
May 2023
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEER

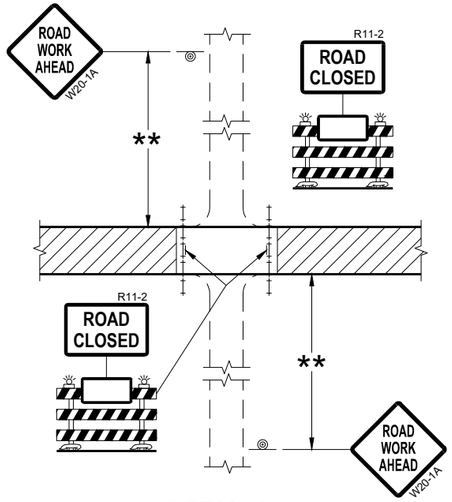
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SDD 15C02 - 09c



DETAIL 1
(NO ACCESS TO PROJECT)



DETAIL 2
(PUBLIC CROSS-TRAFFIC MAINTAINED.
NO ACCESS TO PROJECT)

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 (500 FEET DESIRABLE) TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

IF A "STOP" SIGN MUST BE REMOVED FOR A WORK OPERATION, A TEMPORARY "STOP" SIGN SHALL BE PLACED PRIOR TO THE SIGN REMOVAL, OR A FLAGGER SHALL BE PROVIDED UNTIL THE SIGN IS REESTABLISHED.

BARRICADES 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.

SIGNS THAT WILL BE IN PLACE LESS THAN SEVEN 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.

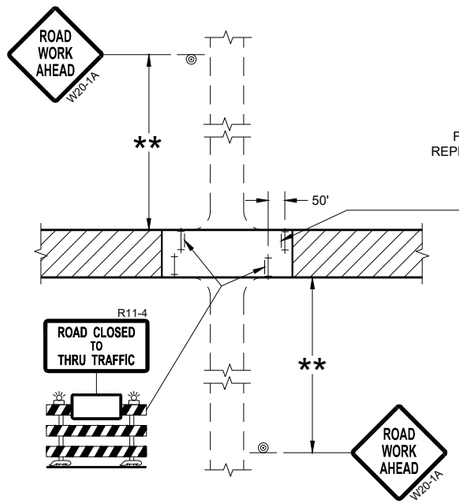
TYPE "A" LOW-INTENSITY FLASHING WARNING LIGHTS SHALL BE VISIBLE ON BOTH SIDES OF THE BARRICADE.

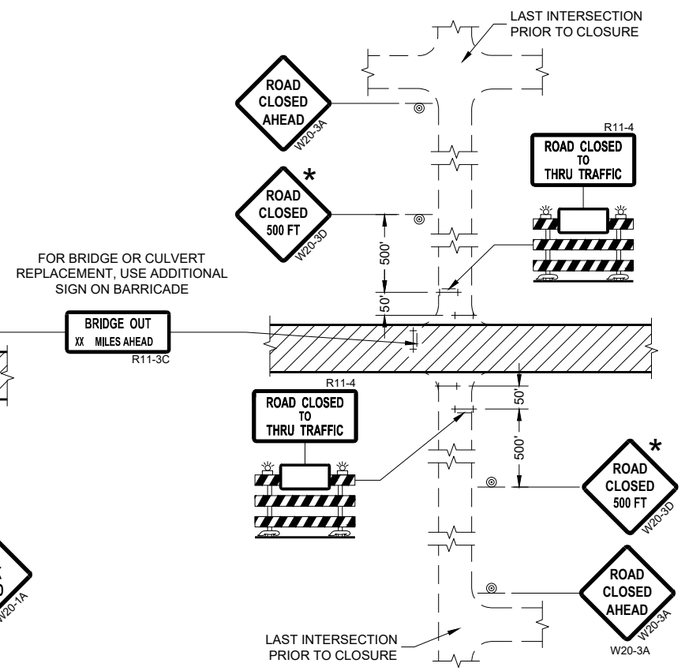
THE R11-2, R11-3, AND R11-4 SIGNS PLACED ON BARRICADES SHALL COVER NO MORE THAN THE TOP RAIL. THE SIGNS SHALL NOT COVER ANY PORTION OF THE MIDDLE OR BOTTOM RAILS.

ALL SIGNS SHALL BE 48" X 48" UNLESS OTHERWISE NOTED BELOW:
R11-2 SHALL BE 48" X 30".
R11-4 AND R11-3 SHALL BE 60" X 30".

* OMIT THE "ROAD CLOSED 500 FT." SIGN IF THE LAST INTERSECTION IS 500 FEET OR LESS FROM THE WORK ZONE.

** 500' MAX. OR AT LAST INTERSECTION, WHICHEVER IS CLOSEST.





DETAIL 3
(PUBLIC CROSS-TRAFFIC MAINTAINED.
CONTRACTOR, LOCAL BUSINESS AND
RESIDENT ACCESS TO PROJECT)

DETAIL 4
(CONTRACTOR, LOCAL BUSINESS AND
RESIDENT ACCESS TO PROJECT)

LEGEND

- SIGN ON PERMANENT SUPPORT
- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- TYPE "A" WARNING LIGHT (FLASHING)
- WORK AREA

BARRICADES AND SIGNS FOR SIDEROAD CLOSURES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
July 2018
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEER

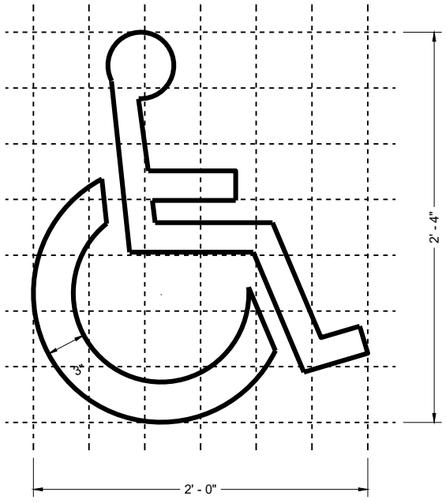
FHWA

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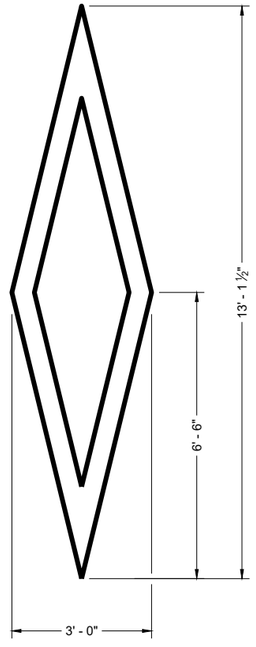
SDD 15C03 - 05

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.



HANDICAP SYMBOL



PREFERENTIAL LANE SYMBOL

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SDD 15C07-16a

PAVEMENT MARKING SYMBOLS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

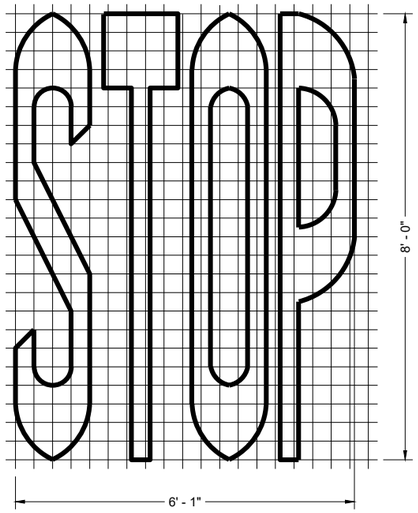
APPROVED
November 2024
DATE

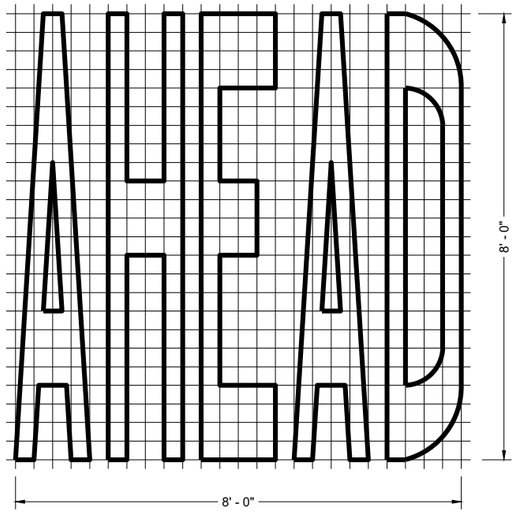
/S/ Jeannie Silver
STATE SIGNING AND MARKING ENGINEER

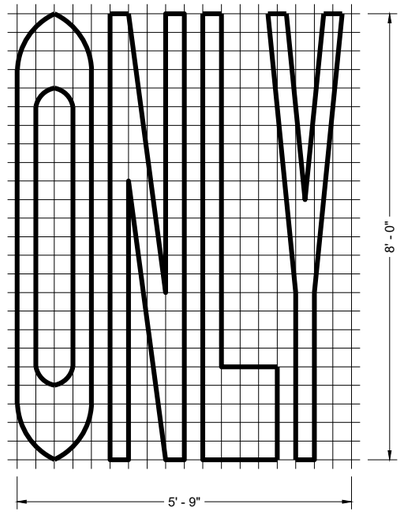
FHWA

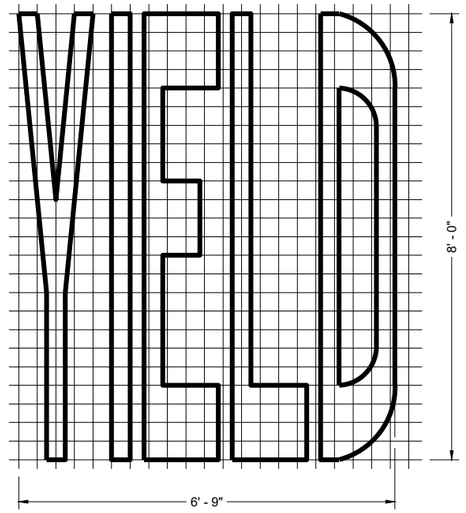
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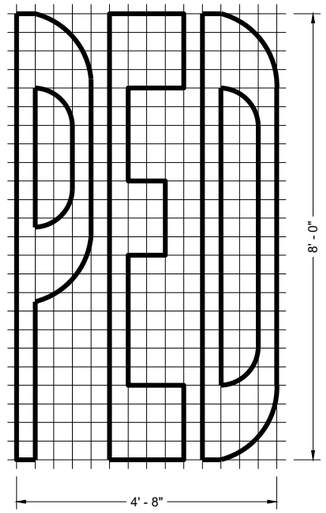
SDD 15C07-16a

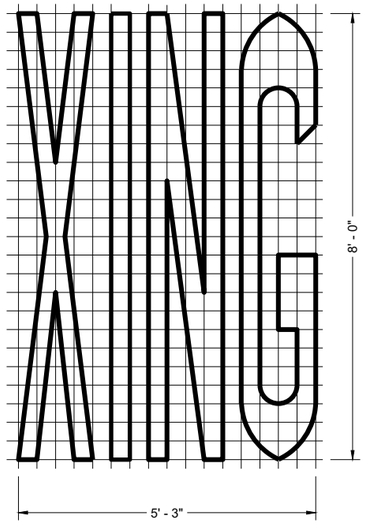


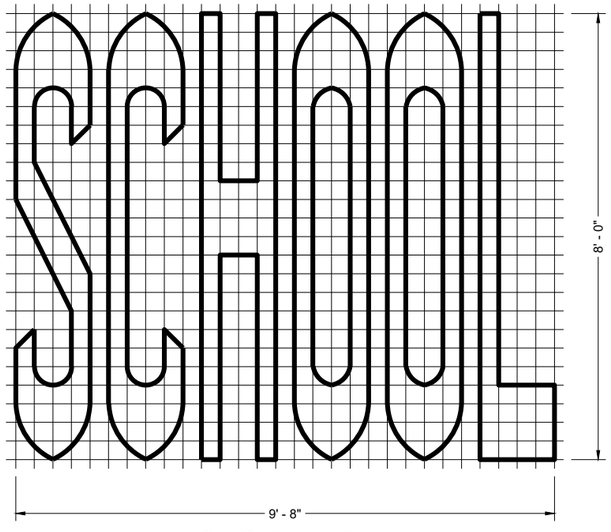




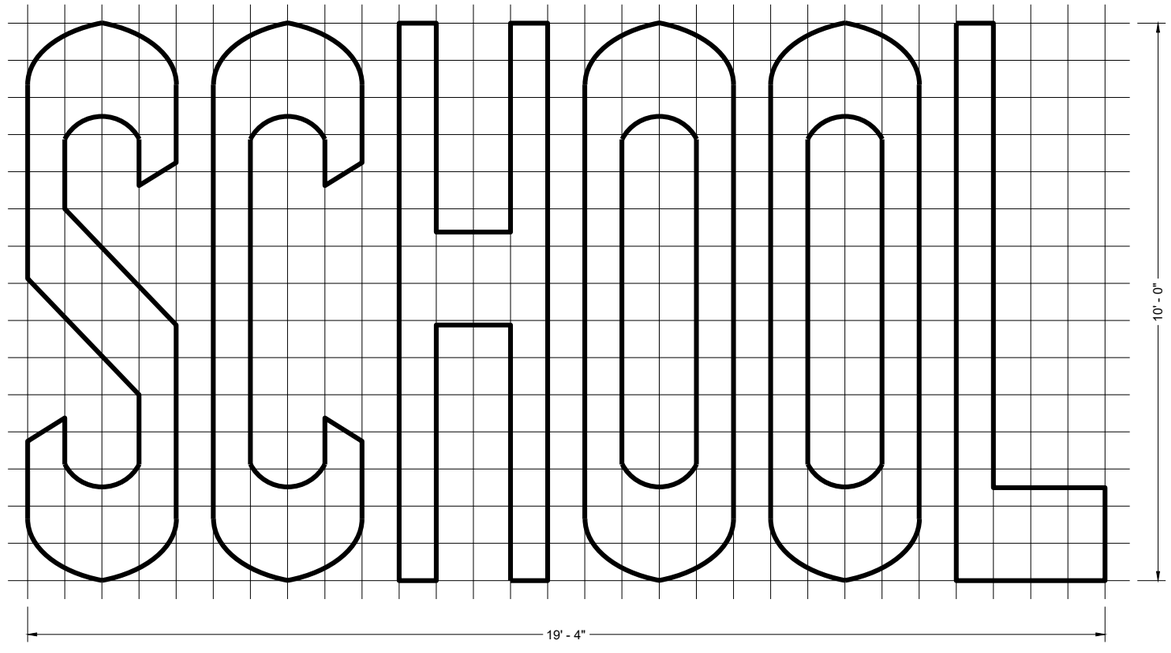








SINGLE LANE



TWO - LANE

GENERAL NOTES

DETAILS OF INSTALLATION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

PAVEMENT MARKING WORDS

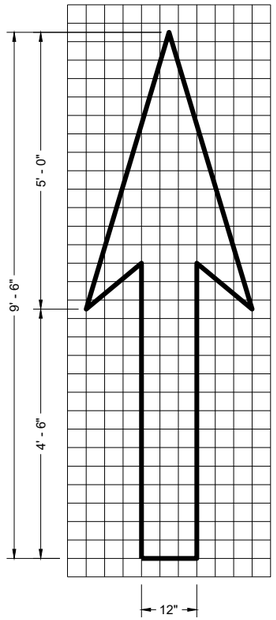
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2024 — DATE
/S/ Jeannie Silver — STATE SIGNING AND MARKING ENGINEER

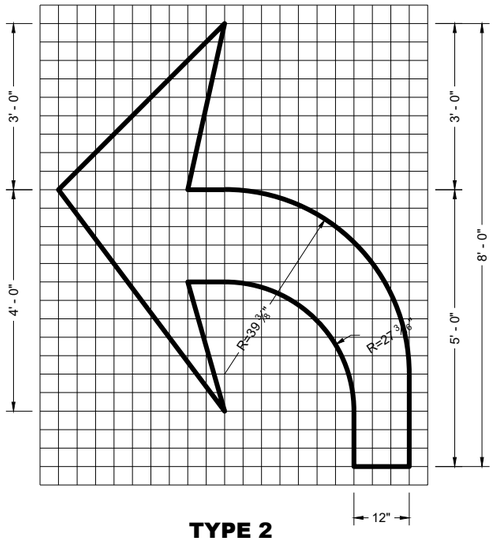
FHWA

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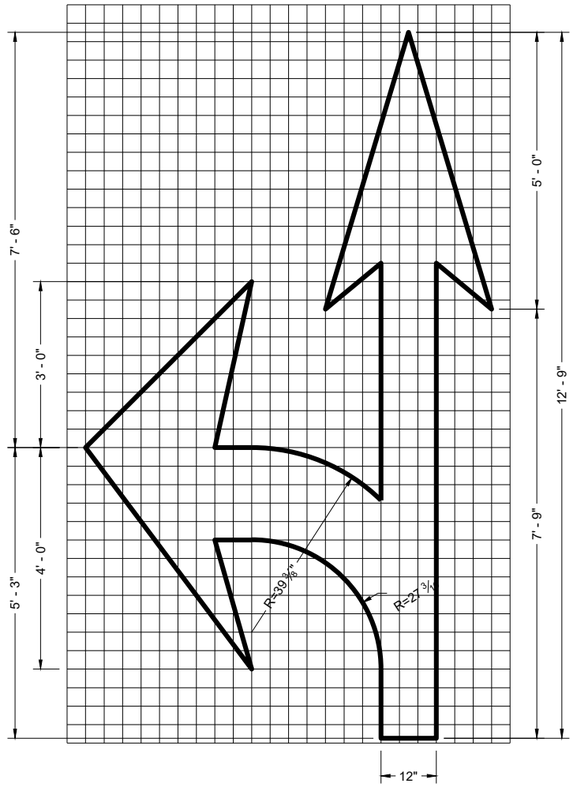
SDD 15C07-16b



TYPE 1



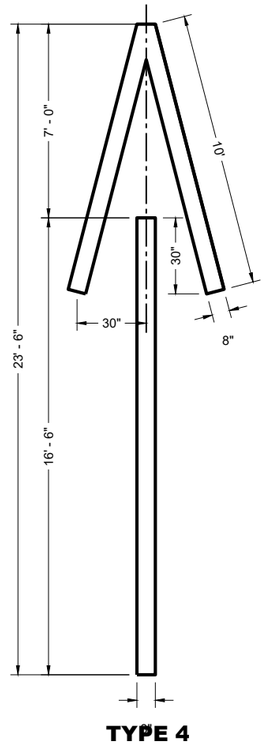
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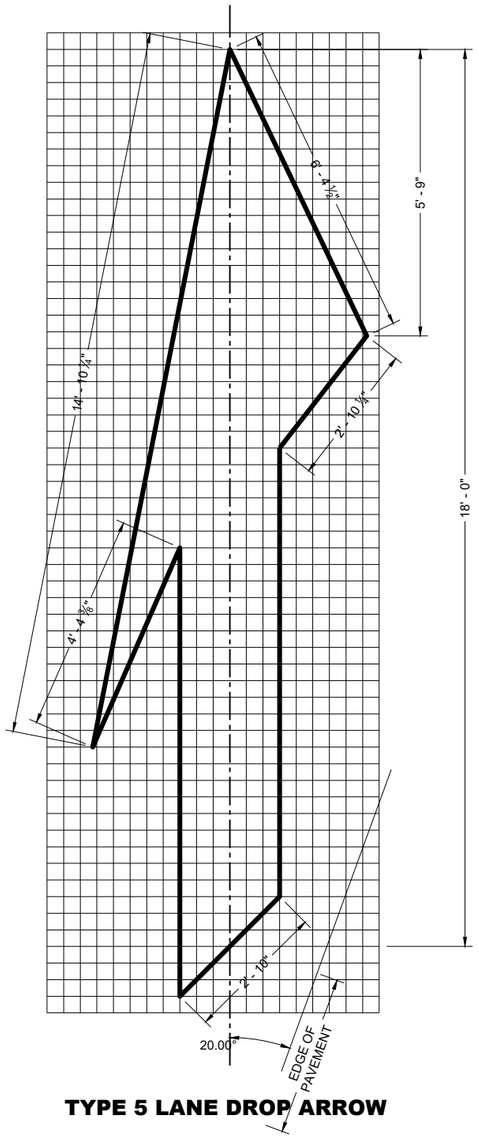
TYPE 3

GENERAL NOTES

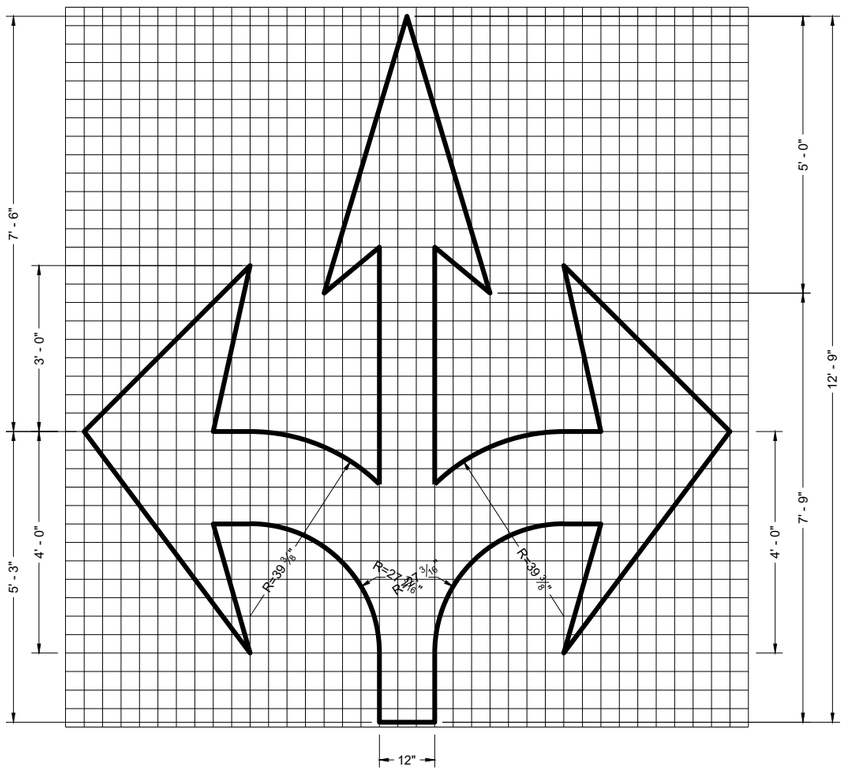
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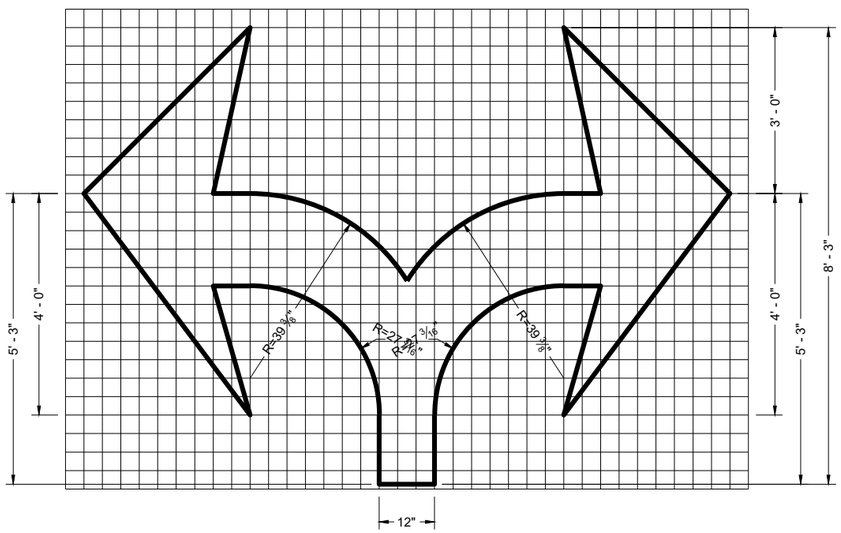
TYPE 4



TYPE 5 LANE DROP ARROW



TYPE 6



TYPE 7

PAVEMENT MARKING ARROWS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

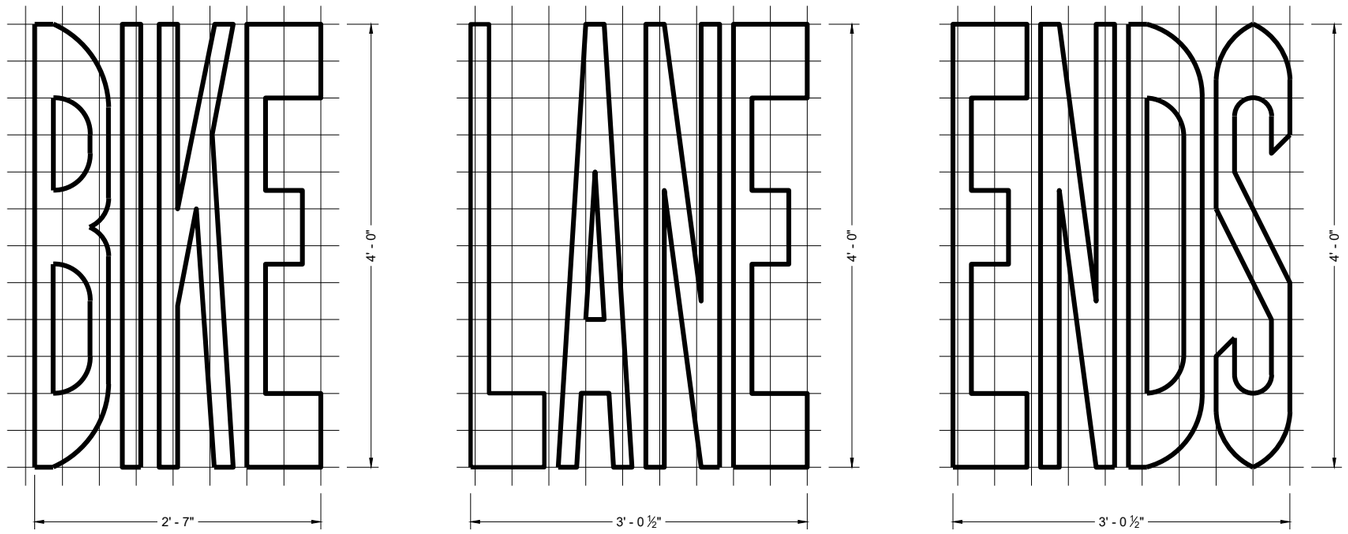
APPROVED
November 2024 — DATE
/S/ Jeannie Silver — STATE SIGNING AND MARKING ENGINEER

FHWA

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SDD 15C07-16c

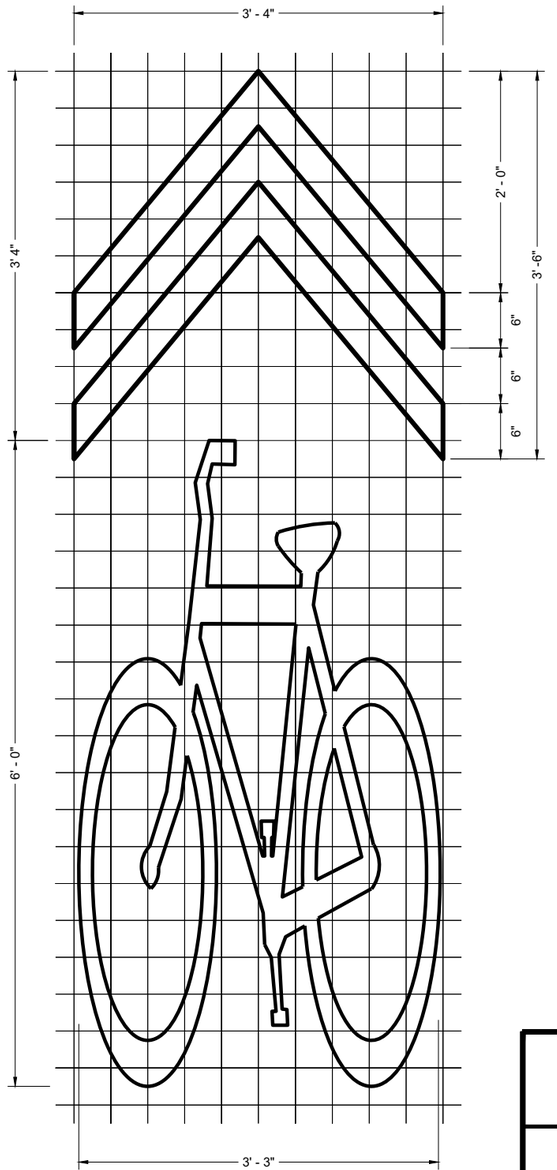
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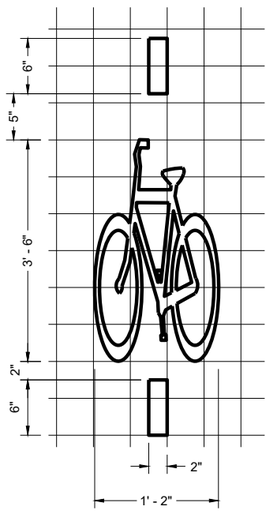
BIKE LANE WORDS

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.



BIKE LANE ARROW



BICYCLE DETECTOR PAVEMENT MARKING

BIKE LANE SYMBOL

BIKE LANE SYMBOL FOR SHARED LANE

PAVEMENT MARKING FOR BIKE LANES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2024 — DATE
/S/ Jeannie Silver — STATE SIGNING AND MARKING ENGINEER

FHWA

6

SDD 15C07-16e

6

SDD 15C07-16e

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.

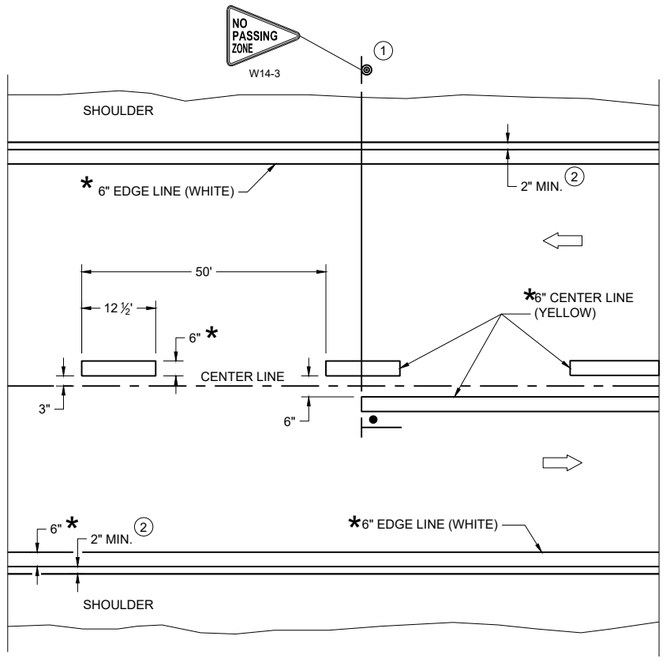
*CONFIRM MARKING LINE WIDTH WITH THE MISCELLANEOUS QUANTITIES

LEGEND

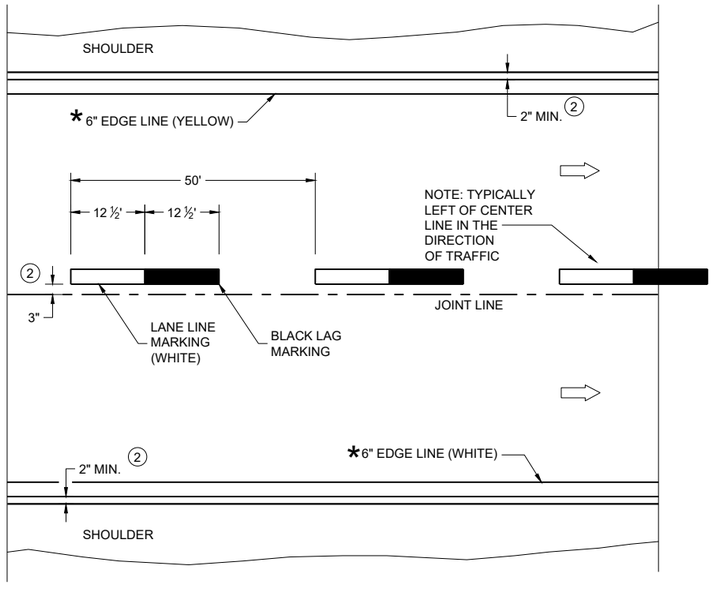
"T" MARKING

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
December 2024
DATE

/S/ Jeannie Silver
Statewide Pavement Marking Engineer

FHWA

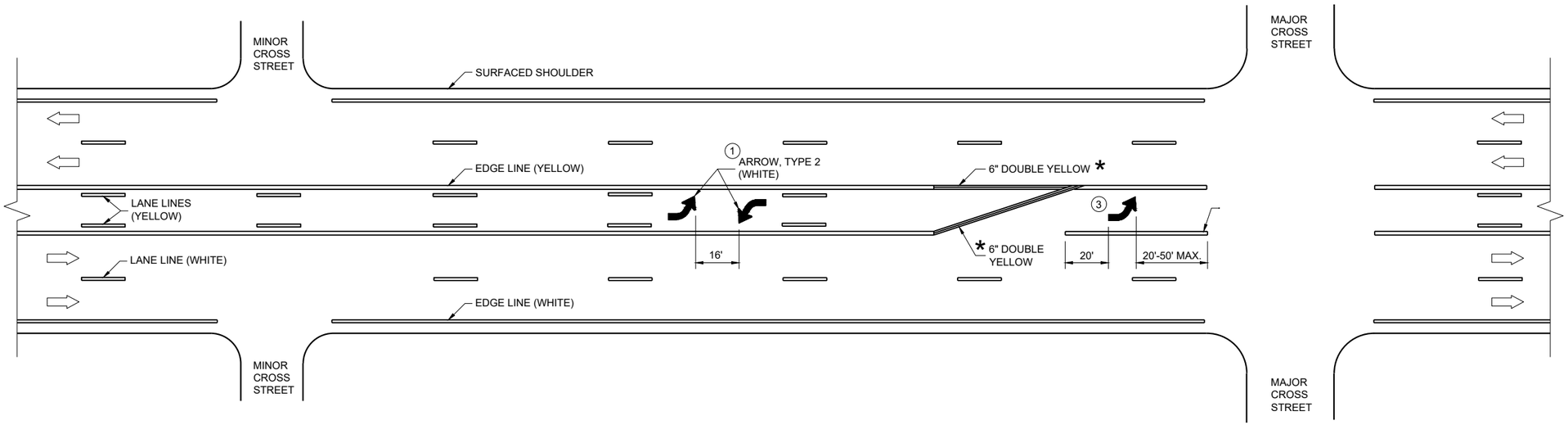
SDD 15C08-24a

GENERAL NOTES

1. A SET OF ARROWS IS REQUIRED EVERY 400 FEET OR NEAR INTERSECTIONS OR DRIVEWAYS WITH TURNING TRAFFIC.
2. 10" WHITE
3. TURN BAY LENGTH OF LESS THAN 48' DOES NOT REQUIRE PAVEMENT ARROWS OR TEXT.

⇨ DIRECTION OF TRAFFIC

*CONFIRM MARKING LINE WIDTH WITH THE MISCELLANEOUS QUANTITIES



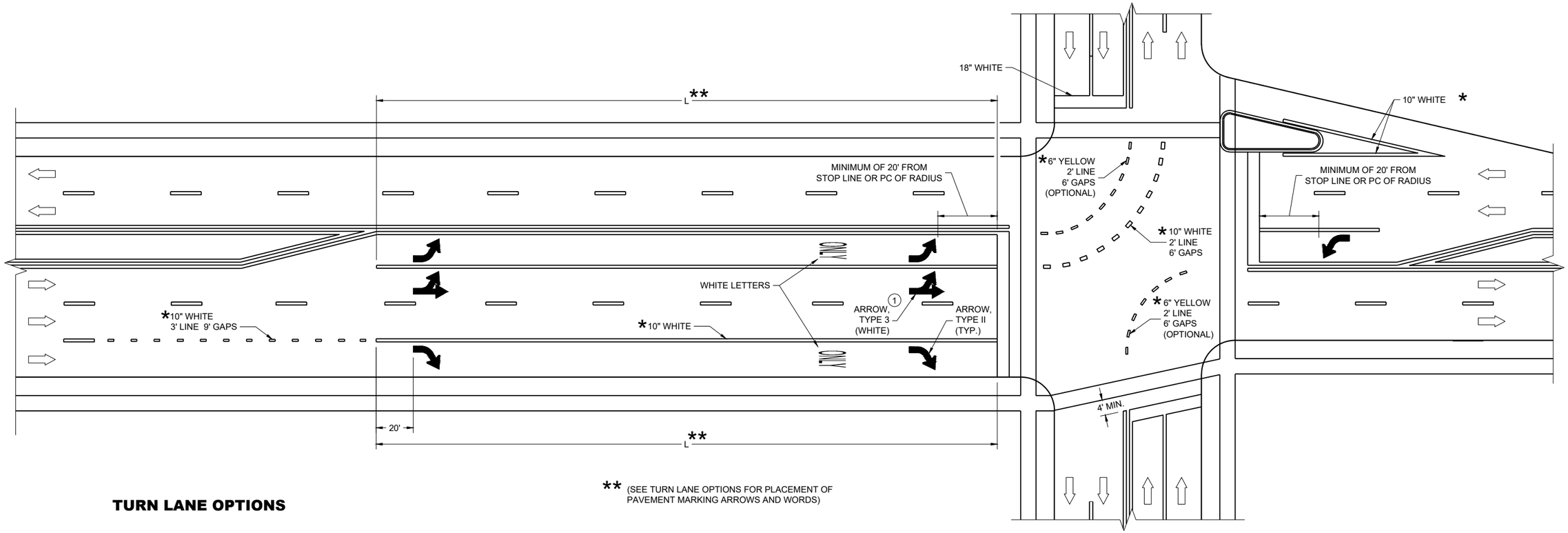
TWO WAY LEFT TURN LANE

6

PAVEMENT MARKING (TURN LANES)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

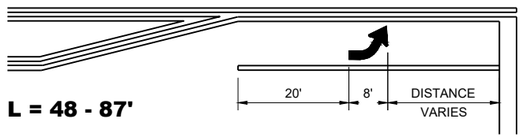
SDD 15C08-24c



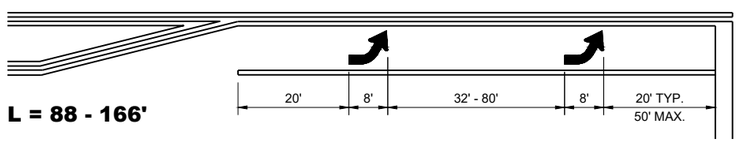
** (SEE TURN LANE OPTIONS FOR PLACEMENT OF PAVEMENT MARKING ARROWS AND WORDS)

TURN LANE OPTIONS

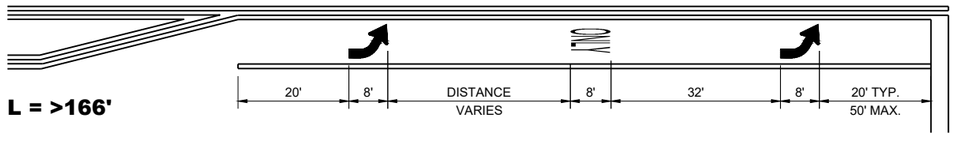
LENGTH OF TURN BAY (**L**) OF 0 - 47' DOES NOT REQUIRE PAVEMENT MARKING ARROWS OR WORDS



L = 48 - 87'



L = 88 - 166'



L = >166'

GENERAL NOTES

1. QUANTITY AND LOCATION OF TYPE 3 ARROWS ARE THE SAME AS THE TYPE II ARROWS IN THE ADJACENT TURN LANE. FOR TURN LANES WITH A PHYSICAL SEPARATION IN THE SAME DIRECTION OF TRAVEL, THE ARROWS AND "ONLY" MARKING MAY BE ELIMINATED.

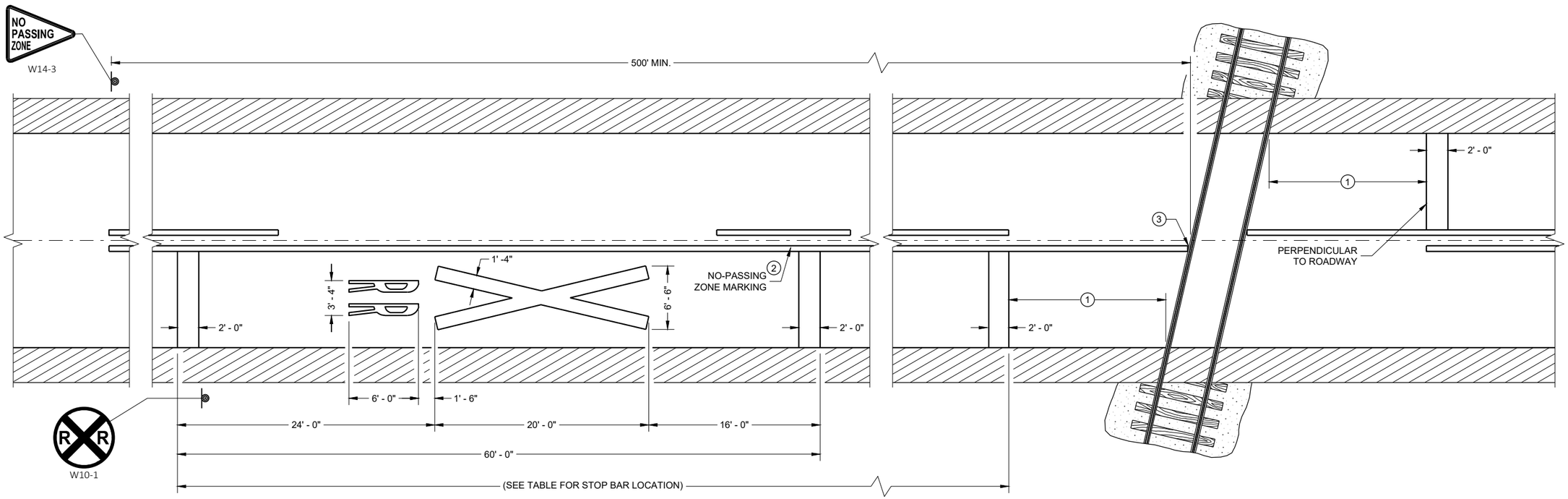
DIRECTION OF TRAFFIC

L = LENGTH OF TURN BAY

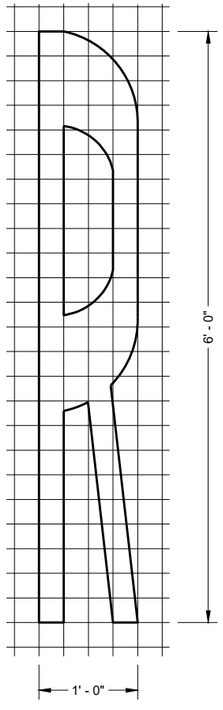
*CONFIRM MARKING LINE WIDTH WITH THE MISCELLANEOUS QUANTITIES

PAVEMENT MARKING (TURN LANES)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



PAVEMENT MARKING



LEGEND

SIGN ON PERMANENT SUPPORT

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.

ON MULTI-LANE ROADS THE TRANSVERSE BANDS SHOULD EXTEND ACROSS ALL APPROACH LANES, AND INDIVIDUAL R X R SYMBOLS SHOULD BE USED IN EACH APPROACH LANE.

CENTER OR LANE LINES AND NO-PASSING ZONE MARKINGS SHOWN ON THIS DRAWING ARE REQUIRED AND PAID FOR UNDER OTHER ITEMS IN THE CONTRACT.

TRACE EXISTING SYMBOL WHERE EXISTING SYMBOLS ARE PLACED.

(1) PLACE STOP BAR APPROXIMATELY 8 FEET IN ADVANCE OF THE GATE (IF PRESENT), BUT NO CLOSER THAN 15 FEET IN ADVANCE OF THE NEAREST RAIL. FIELD-FIT STOP BAR TO MAXIMIZE VIEW OF APPROACHING TRAIN.

(2) 500' MINIMUM. MARKING LIMITS MAY BE EXTENDED AS DIRECTED BY THE ENGINEER TO MEET ADJACENT NO-PASSING ZONE MARKINGS.

(3) FOR MULTIPLE TRACK CROSSINGS, THE BARRIER LINE SHALL EXTEND TO THE NEAR RAIL OF THE FURTHEST TRACK IN THE DIRECTION OF HIGHWAY TRAVEL.

DISTANCE TABLE

TABLE BASED UPON 2C-4 WISCONSIN SUPPLEMENT OF MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.

POSTED SPEED (M.P.H.)	DIMENSION RANGE (FEET)
25	150* - 250'
30	200* - 300'
35	250* - 450'
40	300* - 500'
45	400* - 650'
50	550* - 800'
55	750* - 1000'
60	1000* - 1250'
65	1000* - 1250'

* THE MINIMUM DISTANCES IN THE TABLE ARE DESIRABLE AND SHOULD BE USED. THE DISTANCES MAY BE INCREASED UP TO THE MAXIMUM TO ALLOW FOR FIELD CONDITIONS SUCH AS THE CLOSED PROXIMITY OF DRIVEWAYS, BRIDGES, SIDE ROADS OR OTHER FEATURES THAT WOULD PROHIBIT THE MINIMUM DISTANCES FROM BEING USED.

SIGNING AND PAVEMENT MARKING DETAILS FOR RAILROAD - HIGHWAY GRADE CROSSINGS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

May 2023
DATE

/S/ Matthew R. Rauch
STATE SIGNING AND MAR ENGINEER

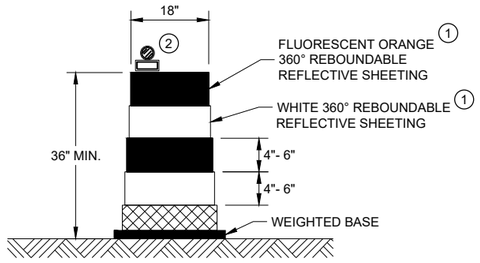
FHWA

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SDD 15C09-13a

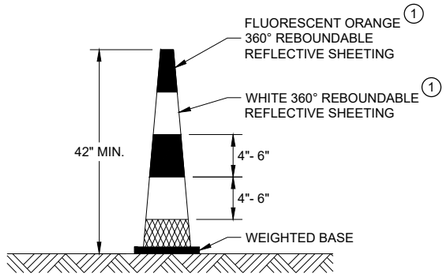
GENERAL NOTES

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

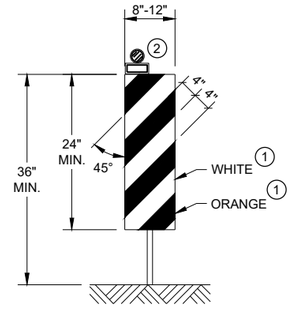
BALLAST WIDTHS
RANGE FROM 24"-36"



42" CONE

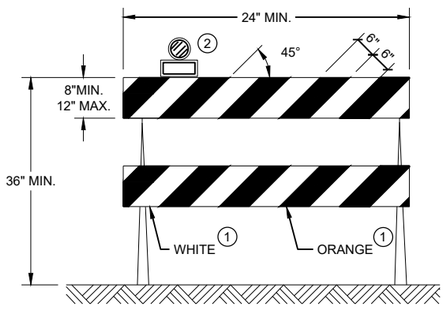
DO NOT USE IN TAPERS
½ SPACING OF DRUMS

BALLAST WIDTHS
RANGE FROM 14"-20"



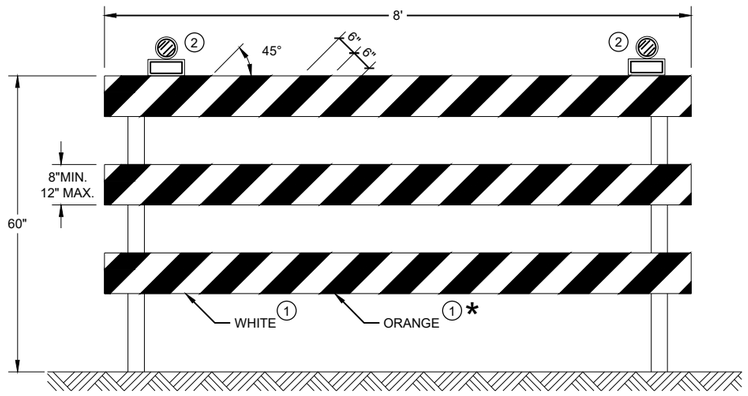
VERTICAL PANEL

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

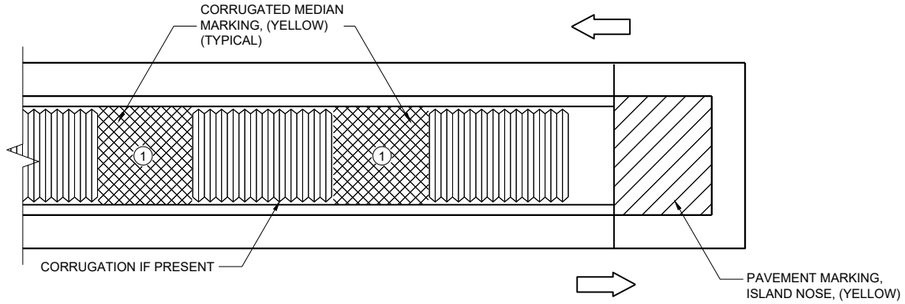
FHWA

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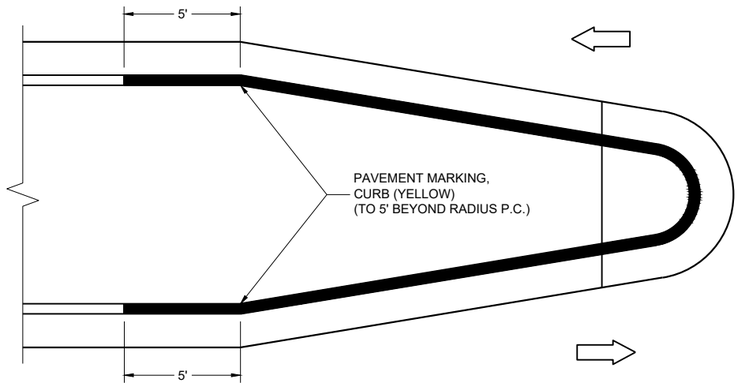
SDD 15C11 - 10b

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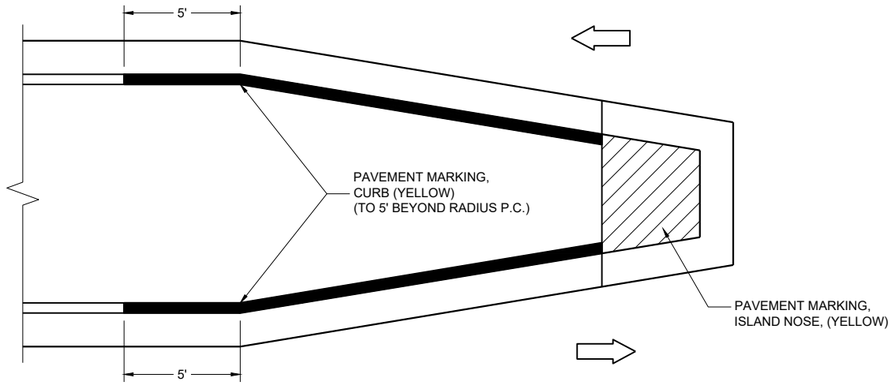
SDD 15C11 - 10b



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.

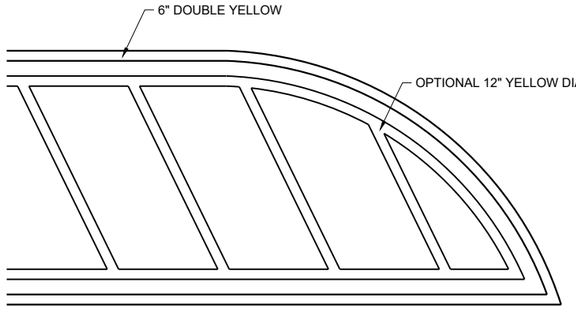
(1) APPLY PAVEMENT MARKING TO THE FLAT PORTION OF CORRUGATED MEDIAN.

ISLAND NOSE MARKING

CURB MARKING

CORRUGATED MEDIAN MARKING

DIRECTION OF TRAVEL



FLUSH MEDIAN ISLAND NOSE

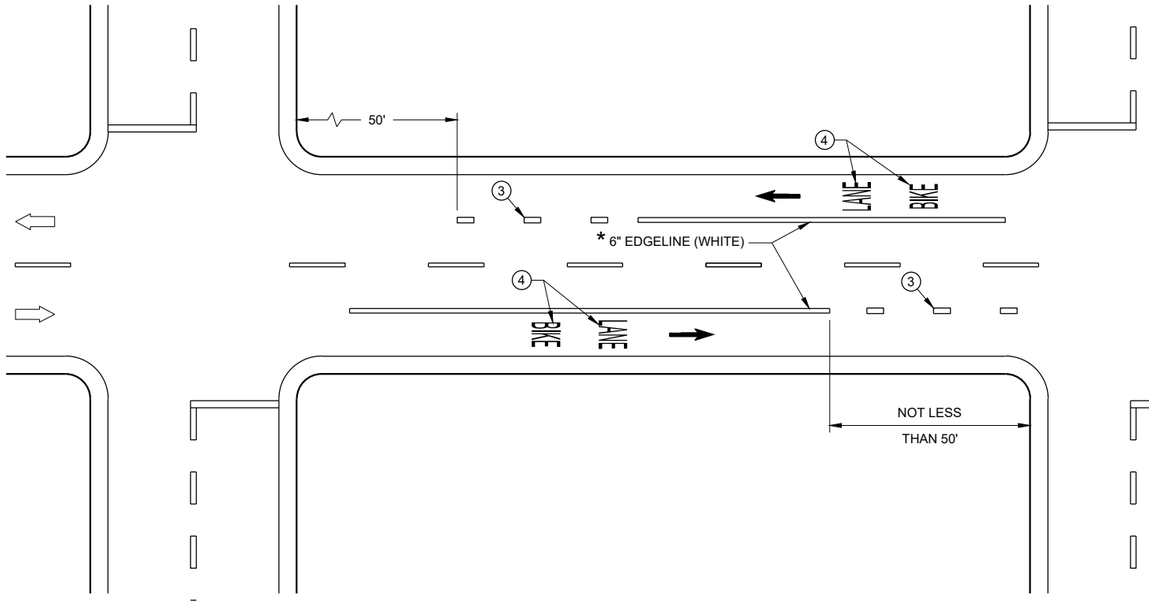
**PAVEMENT MARKINGS,
MEDIAN ISLAND NOSE**

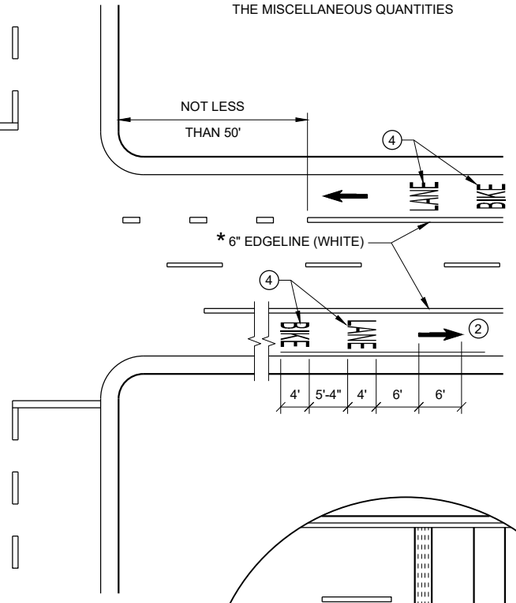
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
August 2024
DATE

/S/ Jeannie Silver
Statewide Pavement Marking Engineer

FHWA





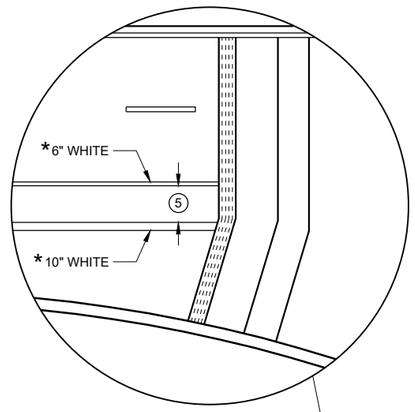
* CONFIRM MARKING LINE WIDTH WITH THE MISCELLANEOUS QUANTITIES

GENERAL NOTES

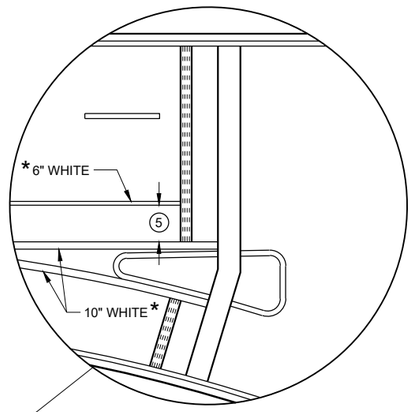
1. DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.
2. MINIMUM OF ONE PER BLOCK. MAXIMUM OF 250 FEET.
3. DOTTED LINES (3' LINE, 9' GAP) SHOULD BE USED 50 FEET TO 200 FEET IN ADVANCE OF AN INTERSECTION WHERE THERE IS NO RIGHT TURN ONLY LANE AND THERE IS HEAVY RIGHT TURN TRAFFIC OR THERE IS A NEAR-SIDE BUS STOP. AT OTHER INTERSECTIONS WHERE RIGHT TURN TRAFFIC IS LIGHT TO MODERATE, A SOLID LINE CAN BE USED UP TO THE INTERSECTION.
4. BIKE SYMBOLS OR WORDS MAY BE USED.
5. BIKE ACCOMMODATION IS TYPICAL 5 FEET WIDE AND MINIMUM OF 4 FEET FROM A LONGITUDINAL JOINT. USE 5 FEET AT ≥ 45 MPH.
6. OMIT THESE MARKINGS FOR WIDER TURN LANE APPLICATIONS (MINIMUM OF 15 FOOT WIDE TURN LANE).
7. REFER TO CONTRACT PLANS FOR LANE WIDTH.

DIRECTION OF TRAVEL

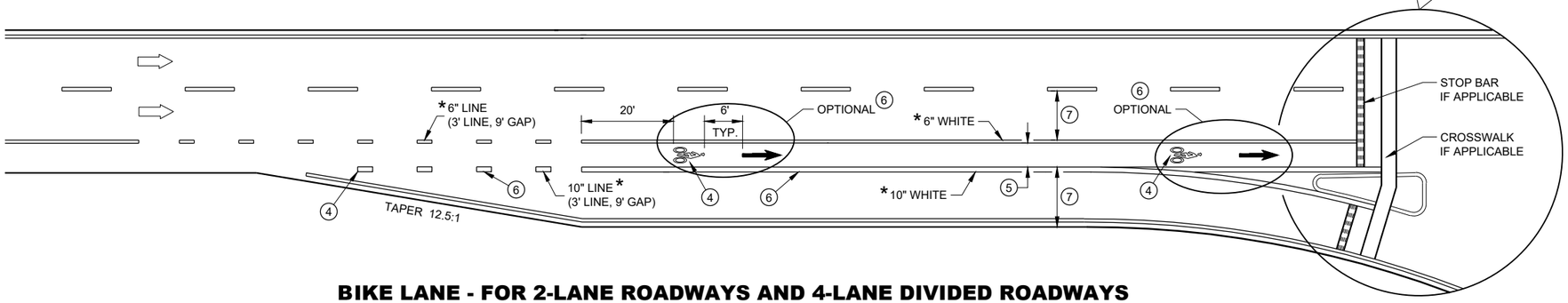
DESIGNATED BIKE LANE - NO PARKING



4 LANE DIVIDED WITHOUT ISLAND



4 LANE DIVIDED WITH ISLAND



BIKE LANE - FOR 2-LANE ROADWAYS AND 4-LANE DIVIDED ROADWAYS (4-LANE DIVIDED WITH RIGHT TURN LANE SHOWN)

BIKE LANE MARKING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2023 — DATE
/S/ Matthew Rauch — STATE SIGNING AND MAF ENGINEER
FHWA

6

SDD 15C29-08a

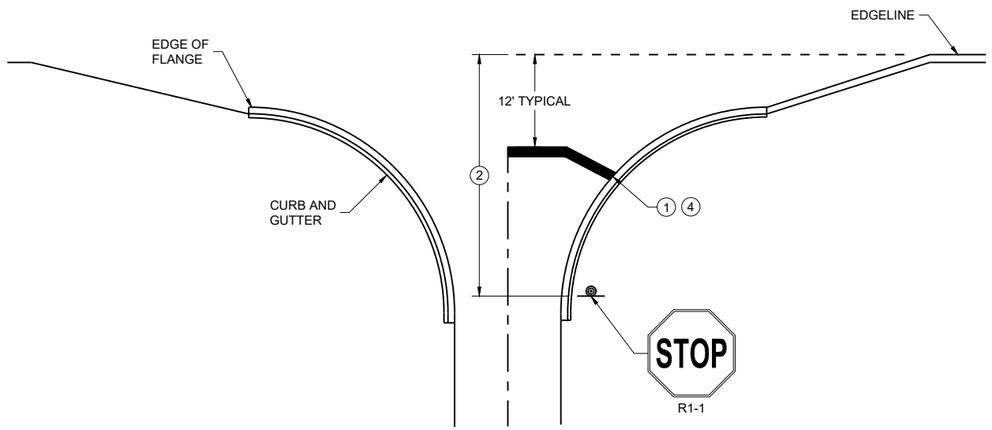
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SDD 15C29-08a

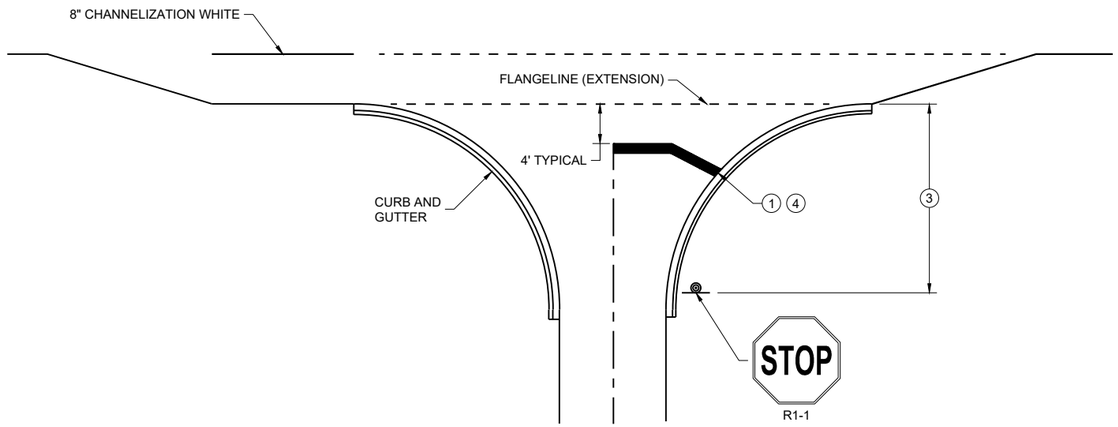
GENERAL NOTES

STOP SIGN SHALL BE PLACED A MINIMUM OF 6 FEET TO A MAXIMUM OF 50 FEET FROM THE EDGELINE LOCATION.

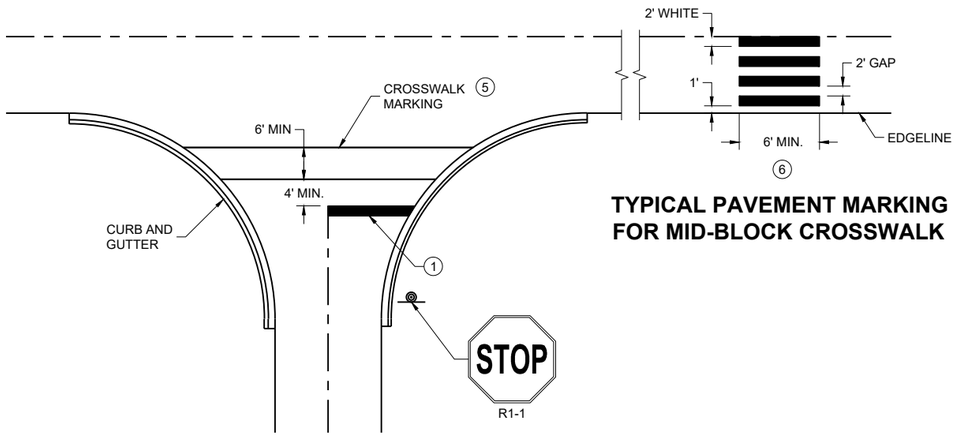
1. 18-INCH STOP LINES MAY BE DELETED OR ADDED BY THE REGION MARKING ENGINEER BASED ON VISIBILITY AND SIGHT LINES.
2. NO STOP LINE IS REQUIRED IF STOP SIGN IS LESS THAN OR EQUAL TO 40 FEET FROM THE EDGELINE.
3. NO STOP LINE IS REQUIRED IF STOP SIGN IS LESS THAN OR EQUAL TO 30 FEET FROM THE FLANGE LINE EXTENSION.
4. MOVE CLOSER TO THE EDGE OF TRAVEL LINE AS NEEDED FOR VISIBILITY AND SIGHT LINES (NO CLOSER THAN 4 FEET).
5. LADDER BAR CROSSWALKS SHOULD ONLY BE USED FOR MID BLOCK CROSSINGS. USE 2 - 6" TRANSVERSE LINES.
6. POSTED SPEED LIMITS OF 40 MPH OR GREATER USE A MINIMUM WIDTH OF 8' FOR MIDBLOCK CROSSWALKS



TYPICAL STOP LINE PAVEMENT MARKING WITH CURB AND GUTTER

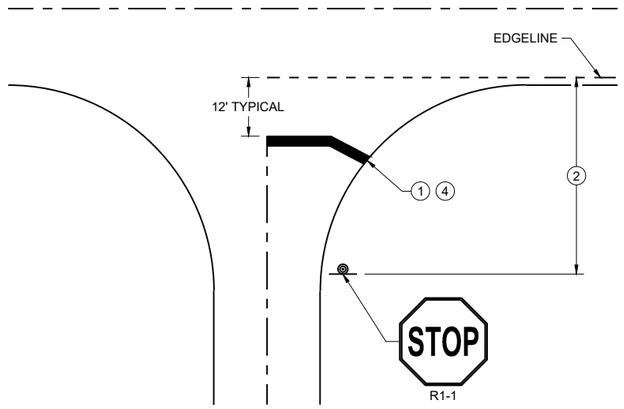


TYPICAL STOP LINE PAVEMENT MARKING FOR SIDE ROADS WITH RIGHT TURN LANE



TYPICAL PAVEMENT MARKING FOR MID-BLOCK CROSSWALK 5

TYPICAL STOP LINE PAVEMENT MARKING FOR SIDE ROADS WITH CROSSWALK MARKING



TYPICAL STOP LINE PAVEMENT MARKING WITHOUT CURB AND GUTTER

STOP LINE AND CROSSWALK PAVEMENT MARKING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

March 2024 — DATE

/S/ Matthew Rauch — STATE SIGNING AND MARKING ENGINEER

FHWA

6

SDD 15C33-05

GENERAL NOTES

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

THE SPACING BETWEEN SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A MINIMUM OF 200 FEET (500 FEET DESIRABLE) CLEARANCE TO EXISTING SIGNS.

THIS LANE CLOSURE IS TYPICAL FOR CLOSING RIGHT LANE - REVERSE FOR CLOSING LEFT LANE.

ALL SIGNS ARE 48" x 48" UNLESS OTHERWISE NOTED.

"WO" IS THE SAME AS "W" EXCEPT THE BACKGROUND IS ORANGE.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED OR AS APPROVED BY THE ENGINEER.

FOR A LANE CLOSURE THAT IS IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS, THE ADVANCED WARNING SIGNS MAY BE MOUNTED ON PORTABLE SUPPORTS.

REMOVE PAVEMENT MARKINGS AND PLACE TEMPORARY PAVEMENT MARKING LINE IF LANE CLOSURE IS TO BE IN PLACE 4 OR MORE CONTINUOUS DAYS AND NIGHTS.

IF THE HORIZONTAL ALIGNMENT IS SUCH THAT A CURVE MAY REQUIRE ADDITIONAL DELINEATION, THE DEVICE SPACING MAY BE DECREASED TO 50 FEET.

WARNING LIGHTS ARE NOT REQUIRED IF THE LANE CLOSURE IS A DAYTIME ONLY OPERATION.

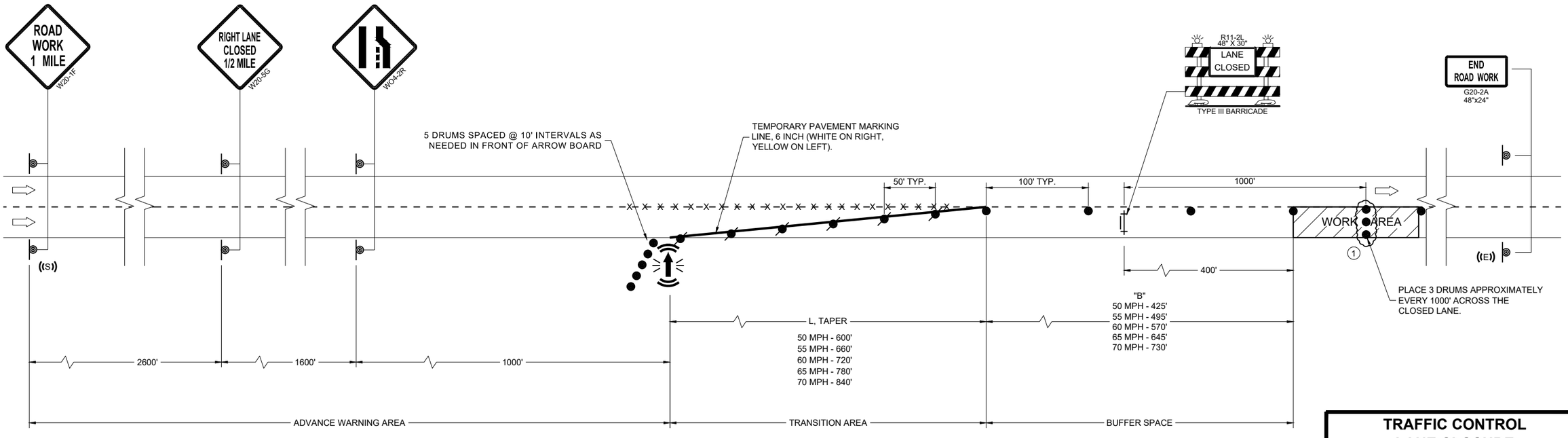
ADJUSTMENTS IN BUFFER SPACE NEED TO BE INCORPORATED WHEN THE LANE CLOSURE OCCURS NEAR AN INTERCHANGE EXIT OR ENTRANCE RAMP OR INTERSECTION. THE LANE CLOSURE MUST TAKE PLACE FAR ENOUGH IN ADVANCE OF AN EXIT OR ENTRANCE RAMP TO STILL ALLOW FOR ADEQUATE BUFFER SPACE. THE MINIMUM LENGTH OF THE BUFFER SPACE BEFORE AN EXIT RAMP SHOULD BE ONE HALF THE LENGTH OF THE TRANSITION AREA. THE ENTRANCE RAMP SHOULD BE FOLLOWED BY THE ORIGINAL BUFFER SPACE LENGTH OF 800 FEET DESIRABLE PRIOR TO ANOTHER TRAFFIC CONTROL CHANGE SUCH AS A CROSSOVER MANEUVER.

CONSIDER ROADWAY GEOMETRICS WHEN LOCATING SIGNS AND ARROW BOARD SO THE DRIVER HAS A CLEAR VIEW OF THE ARROW BOARD AND LANE CLOSURE DRUMS.

(1) DRUMS IN A CLOSED LANE THAT MUST BE MOVED FOR A WORK OPERATION SHALL BE IMMEDIATELY REESTABLISHED UPON COMPLETION OF THE OPERATION, OR FOR CONTINUING OPERATIONS, AT THE END OF EACH WORKING DAY.

LEGEND

- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE "C" STEADY BURN LIGHT
- TYPE III BARRICADE WITH ATTACHED SIGN
- TYPE "A" WARNING LIGHT (FLASHING)
- REMOVING PAVEMENT MARKINGS
- DIRECTION OF TRAFFIC
- WORK AREA
- CONNECTED ARROW BOARD
- (S) WZ START LOCATION MARKER
- (E) WZ END LOCATION MARKER



TRAFFIC CONTROL LANE CLOSURE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2025 — DATE
/S/ Andrew Heidtke — ROADWAY STANDARDS DEVELOPMENT UNIT SUPERVISOR

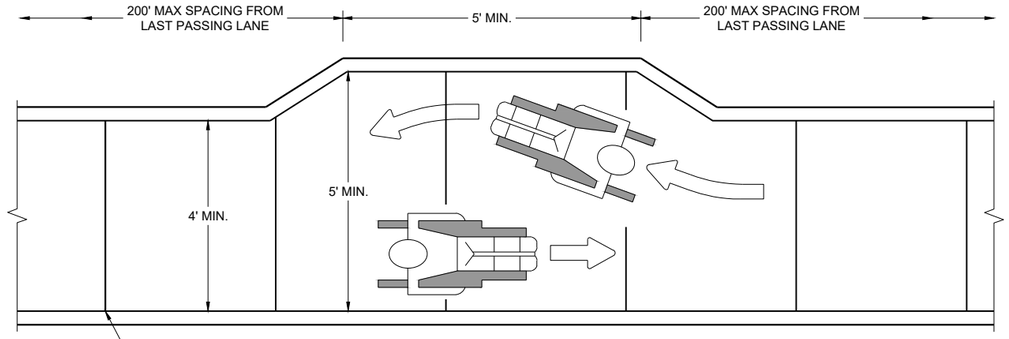
FHWA

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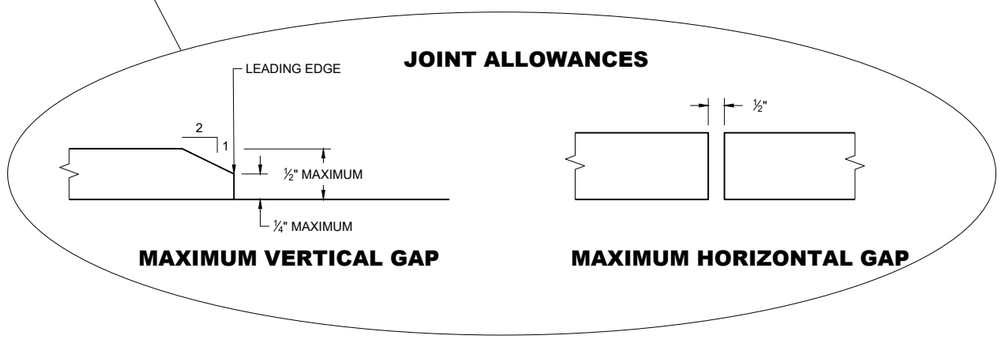
SDD 15D12-16a

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SDD 15D12-16a



NARROW SIDEWALK PASSING DETAIL



MAXIMUM VERTICAL GAP

MAXIMUM HORIZONTAL GAP

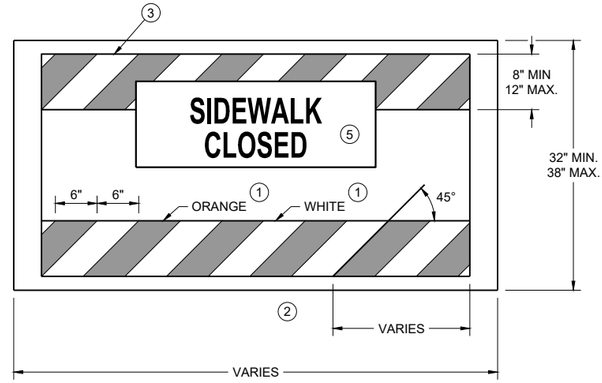
GENERAL NOTES

BARRICADE DEVICE SELECTED FROM APPROVED PRODUCT LIST

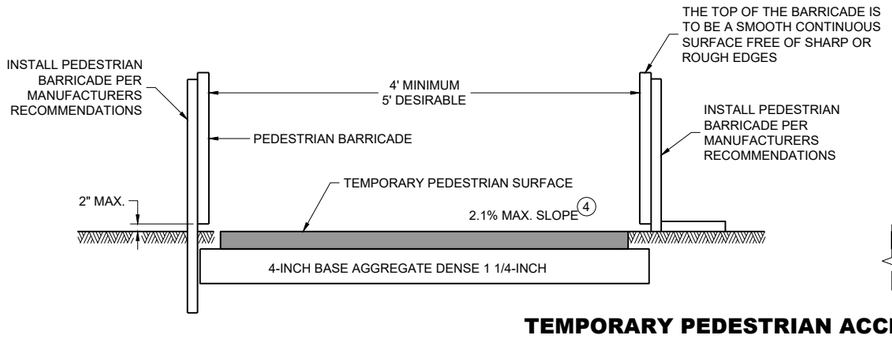
1. REFLECTIVE SHEETING SHALL FOLLOW THE REQUIREMENTS IN THE APPROVED PRODUCTS LISTING FOR SIGN SHEETING.
2. SHEETING REQUIRED ON MORE THAN 50% OF BARRICADE WIDTH.
3. PLACE SHEETING ON BOTH SIDES OF THE BARRICADE.

* USE THIS DETAIL FOR SHEETING PLACEMENT REFERENCE.

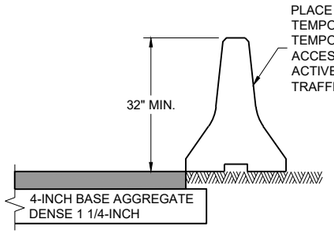
4. WHEN THE TEMPORARY PEDESTRIAN ACCESS ROUTE RUNS PARALLEL ON THE ROADWAY SURFACE, THE MAXIMUM CROSS SLOPE WILL MATCH THE EXISTING ROADWAY CROSS SLOPE.
5. WHERE SIGNS FOR TEMPORARY PEDESTRIAN ACCOMMODATIONS ARE SHOWN BEING PLACED BEHIND TEMPORARY PEDESTRIAN BARRICADE, THE SIGNS MAY BE MOUNTED ON THE TEMPORARY PEDESTRIAN BARRICADE INSTEAD. A CORRUGATED POLYPROPYLENE OR POLYETHYLENE PLASTIC SIGN BASE SHALL BE USED IF MOUNTED ON THE BARRICADE. THE TOP OF THE SIGN SHALL BE MOUNTED BELOW THE TOP OF THE BARRICADE TO ALLOW A CONTINUOUS HAND-TRAILING EDGE.

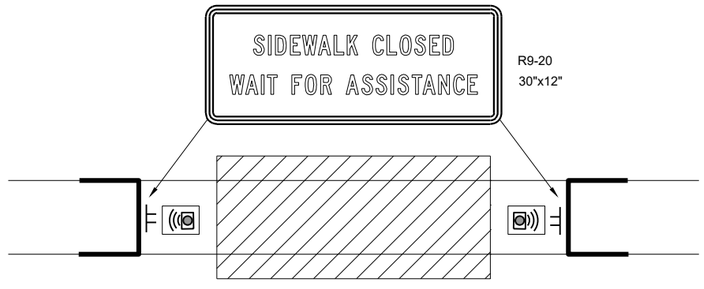


TEMPORARY PEDESTRIAN BARRICADE *



TEMPORARY PEDESTRIAN ACCESS





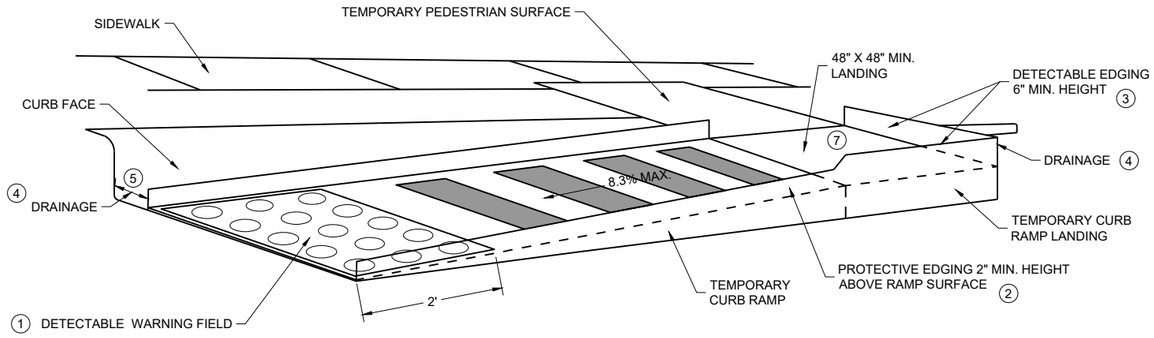
TEMPORARY PEDESTRIAN FLAGGING

LEGEND

- TEMPORARY PEDESTRIAN BARRICADE
- AUDIBLE MESSAGE DEVICE
- TEMPORARY SIGN SUPPORT
- WORK AREA

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



PERSPECTIVE VIEW

GENERAL NOTES

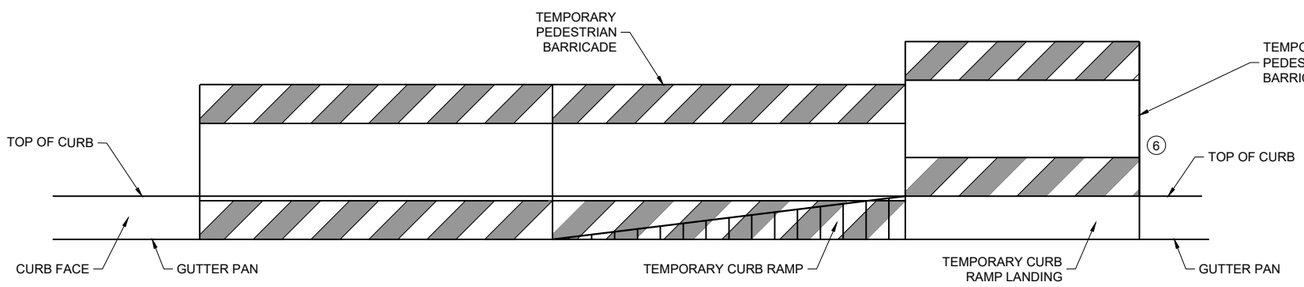
CURB RAMPS SHALL BE 48" MIN. WIDTH WITH A FIRM, STABLE AND SLIP RESISTANT SURFACE.

CURB RAMPS AND LANDINGS SHALL HAVE A 1:48 (2.1%) MAX. CROSS-SLOPE.

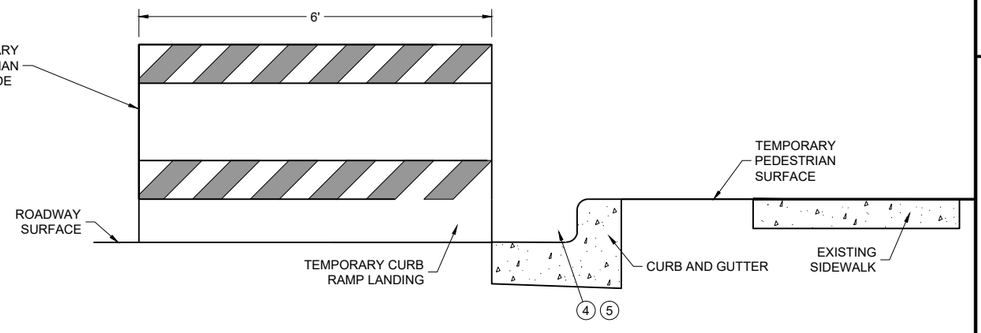
CLEAR SPACE OF 48" X 48" SHALL BE PROVIDED ABOVE AND BELOW THE CURB RAMP. LATERAL JOINTS OR GAPS BETWEEN SURFACES SHALL BE LESS THAN ½" WIDTH.

CHANGES BETWEEN SURFACE HEIGHTS SHALL NOT EXCEED ½". LATERAL EDGES MAY BE VERTICAL UP TO ¼" HIGH AND SHALL BE BEVELED AT 1:2 BETWEEN ¼" AND ½".

1. INSTALL CONTRASTING TEMPORARY DETECTABLE WARNING FIELD AT PEDESTRIAN STREET CROSSINGS, AS SHOWN IN THE PLANS.
2. PROTECTIVE EDGING WITH A 2" MIN. HEIGHT SHALL BE INSTALLED WHEN A CURB RAMP OR LANDING PLATFORM HAS A VERTICAL DROP OF 6" OR GREATER OR HAS A SIDE APRON SLOPE STEEPER THAN 1:3 (33%). PROTECTIVE EDGING SHOULD BE CONSIDERED WHEN CURB RAMPS OR LANDING PLATFORMS HAVE A VERTICAL DROP OF 3" OR MORE.
3. DETECTABLE EDGING WITH 6" MIN. HEIGHT AND CONTRASTING COLOR SHALL BE INSTALLED ON ALL CURB RAMP LANDINGS WHERE THE WALKWAY CHANGES DIRECTION (TURNS).
4. DO NOT RESTRICT WATER FLOW IN THE GUTTER SYSTEM.
5. ENSURE CURB RAMP IS OUT OF THE GUTTER PAN.
6. IF ONLY PART OF THE END PANEL OF TEMPORARY PEDESTRIAN BARRICADE PANEL IS NEEDED, EXTEND EXCESS PORTION OF TEMPORARY PEDESTRIAN BARRICADE PANEL HERE.
7. LANDING TO BE SLOPED A MAXIMUM OF 2.1% IN ALL DIRECTIONS OF PEDESTRIAN TRAVEL.



FRONT VIEW



SIDE VIEW

TEMPORARY CURB RAMP PARALLEL TO CURB

6

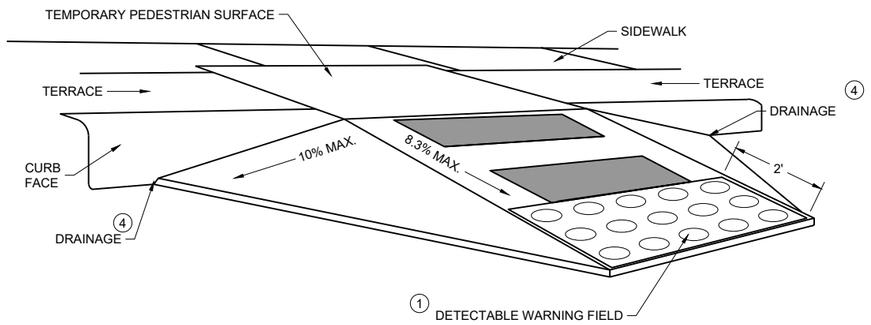
SDD 15D30-12b

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

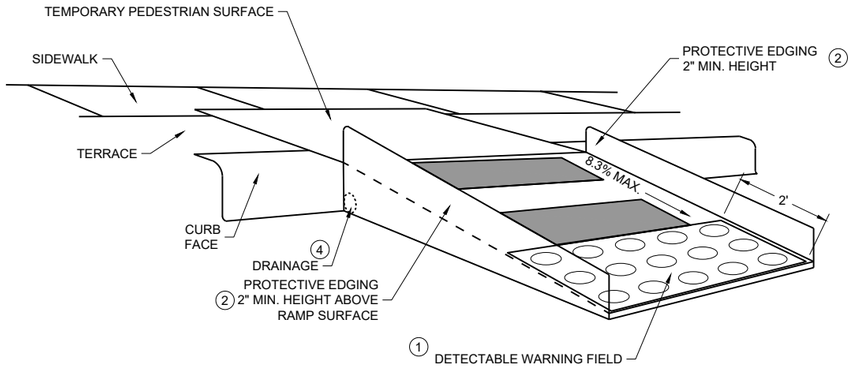
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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SDD 15D30-12b



WITH SIDE APRON (5)



WITH PROTECTIVE EDGE

TEMPORARY CURB RAMP PERPENDICULAR TO CURB

GENERAL NOTES

CURB RAMPS SHALL BE 48" MINIMUM WIDTH WITH A FIRM, STABLE AND SLIP RESISTANT SURFACE.

ALTERNATE SIDEWALK WORK BETWEEN LEFT AND RIGHT SIDE OF ROADWAY TO MAINTAIN PEDESTRIAN ACCESS.

CURB RAMPS AND LANDINGS SHALL HAVE A 1:48 (2.1%) MAX. CROSS-SLOPE.

CLEAR SPACE OF 48" X 48" SHALL BE PROVIDED ABOVE AND BELOW THE CURB RAMP.

LATERAL JOINTS OR GAPS BETWEEN SURFACES SHALL BE LESS THAN ½" WIDTH.

CHANGES BETWEEN SURFACE HEIGHTS SHALL NOT EXCEED ½". LATERAL EDGES MAY BE VERTICAL UP TO ¼" HIGH AND SHALL BE BEVELED AT 1:2 BETWEEN ¼" AND ½".

(1) INSTALL CONTRASTING TEMPORARY DETECTABLE WARNING FIELD AT PEDESTRIAN STREET CROSSINGS, AS SHOWN IN THE PLANS

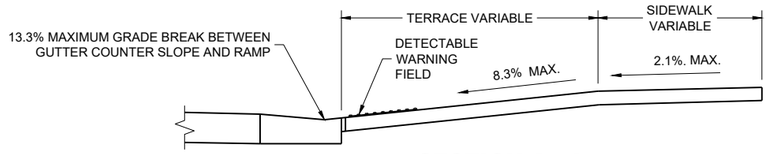
(2) PROTECTIVE EDGING WITH A 2" MIN. HEIGHT SHALL BE INSTALLED WHEN A CURB RAMP OR LANDING PLATFORM HAS A VERTICAL DROP OF 6" OR GREATER OR HAS A SIDE APRON SLOPE STEEPER THAN 1:3 (33%). PROTECTIVE EDGING SHOULD BE CONSIDERED WHEN CURB RAMPS OR LANDING PLATFORMS HAVE A VERTICAL DROP OF 3" OR MORE.

(3) DETECTABLE EDGING WITH 6" MIN. HEIGHT AND CONTRASTING COLOR SHALL BE INSTALLED ON ALL CURB RAMP LANDINGS WHERE THE WALKWAY CHANGES DIRECTION (TURNS).

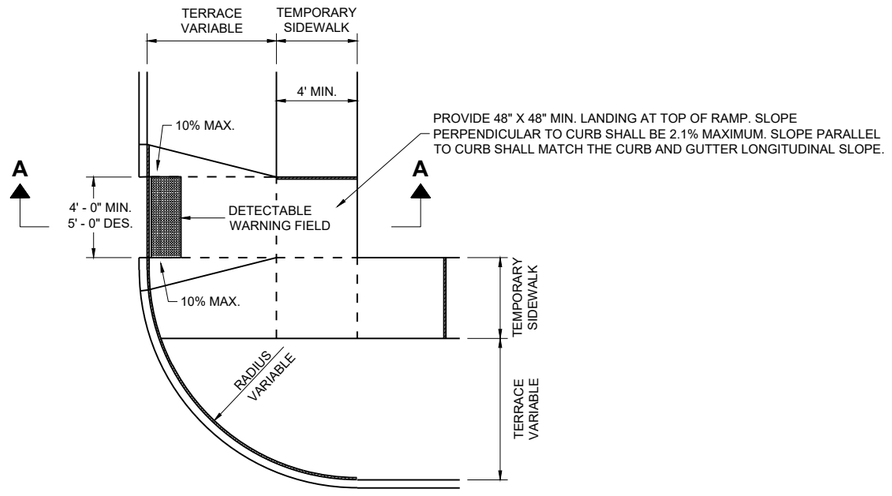
(4) DO NOT RESTRICT WATER FLOW IN THE GUTTER SYSTEM.

(5) CAN ONLY BE USED FOR RAMPS WITH 6" OR LESS OF VERTICAL CHANGE.

GENERAL NOTES



SECTION A - A



PLAN VIEW
TEMPORARY TYPE 3 RAMP
(OUTSIDE OF CROSSWALK AREA)

6

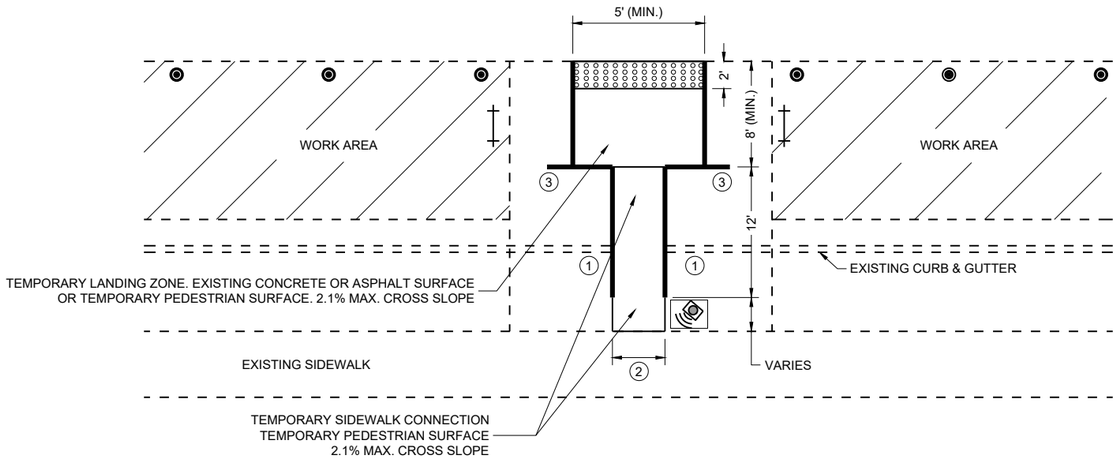
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TRAFFIC CONTROL,
PEDESTRIAN ACCOMMODATION

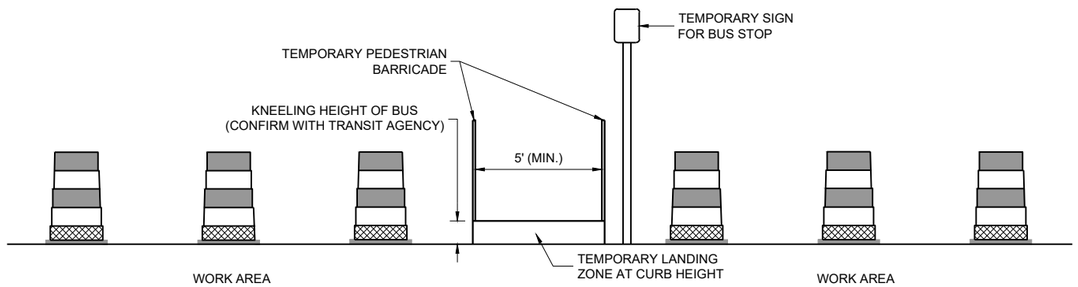
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

SDD 15D30-12d



PLAN VIEW



PROFILE VIEW TEMPORARY BUS STOP PAD

GENERAL NOTES

TYPICAL TEMPORARY PEDESTRIAN BARRICADE PANEL IS 6 FEET LONG.

NOTIFY THE BUS COMPANY 7 DAYS IN ADVANCE OF THE BUS STOP RELOCATION.

PROTECTIVE EDGING WITH A 2" MIN. HEIGHT SHALL BE INSTALLED WHEN A CURB RAMP OR LANDING PLATFORM HAS A VERTICAL DROP OF 6" OR GREATER OR HAS A SIDE APRON SLOPE STEEPER THAN 1:3 (33%). PROTECTIVE EDGING SHOULD BE CONSIDERED WHEN CURB RAMPS OR LANDING PLATFORMS HAVE A VERTICAL DROP OF 3" OR MORE.

DETECTABLE EDGING WITH 6" MIN. HEIGHT AND CONTRASTING COLOR SHALL BE INSTALLED ON ALL CURB RAMP LANDINGS WHERE THE WALKWAY CHANGES DIRECTION (TURNS).

LATERAL JOINTS OR GAPS BETWEEN SURFACES SHALL BE LESS THAN ½" WIDTH.

CHANGES BETWEEN SURFACE HEIGHTS SHALL NOT EXCEED ½". LATERAL EDGES MAY BE VERTICAL UP TO ¼" HIGH AND SHALL BE BEVELED AT 1:2 BETWEEN ¼" AND ½".

CURB RAMPS AND LANDINGS SHALL HAVE A 1:48 (2.1%) MAX. CROSS-SLOPE.

(1) DO NOT RESTRICT WATER FLOW IN THE GUTTER SYSTEM.

(2) 5' WIDE MIN. WITH TEMPORARY PEDESTRIAN BARRICADE, 10' WIDE MIN. WITHOUT TEMPORARY PEDESTRIAN BARRICADE.

(3) PLACE EXCESS PORTION OF TEMPORARY PEDESTRIAN BARRICADE INTO THIS SPACE.

LEGEND

- TRAFFIC CONTROL DRUM
- TYPE III BARRICADE
- TEMPORARY PEDESTRIAN BARRICADE
- TEMPORARY DETECTABLE WARNING FIELD
- WORK AREA
- TEMPORARY AUDIBLE MESSAGE DEVICE (EXACT PLACEMENT BASED UPON FIELD CONDITIONS)

6

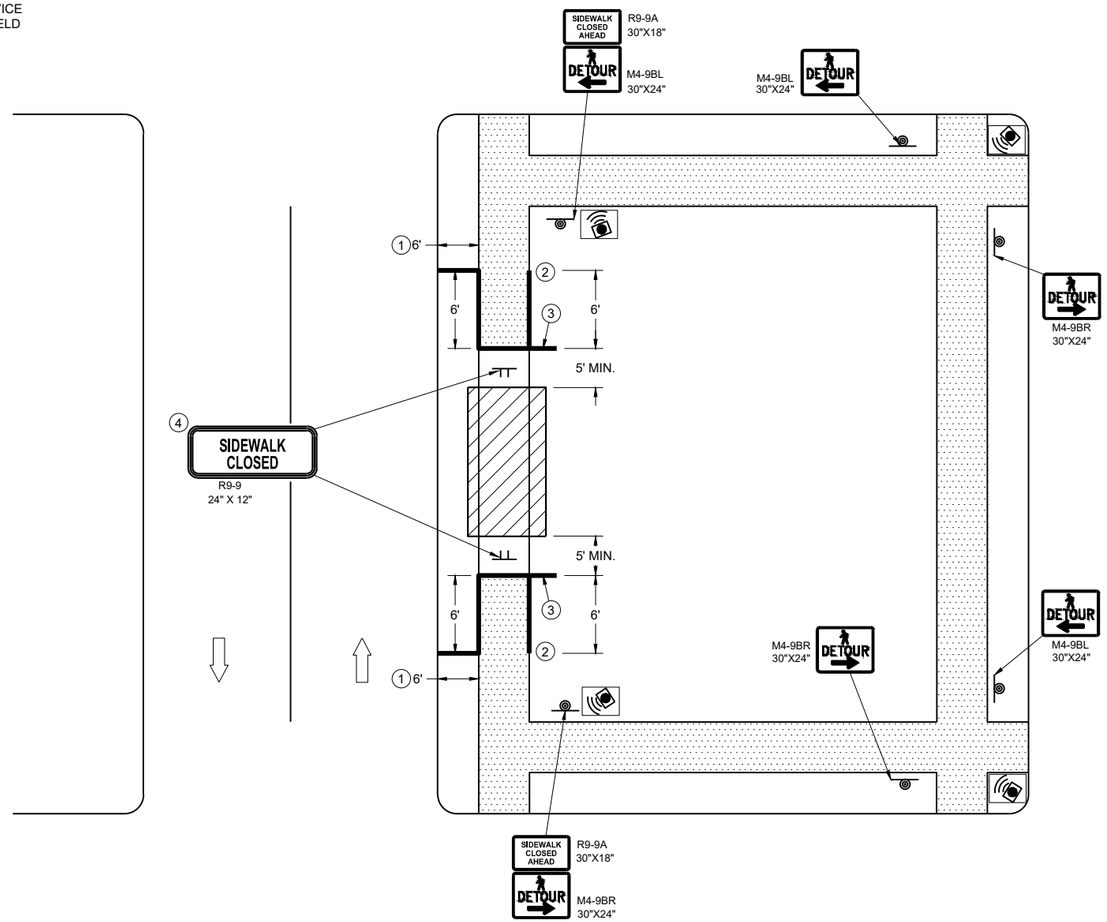
SDD 15D30-12e

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

LEGEND

- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- UNDER PEDESTRIAN TRAFFIC
- WORK AREA
- TEMPORARY PEDESTRIAN BARRICADE
- DIRECTION OF TRAFFIC
- TEMPORARY AUDIBLE MESSAGE DEVICE (EXACT PLACEMENT BASED UPON FIELD CONDITIONS)



SIDEWALK DETOUR, SIDEWALK ONLY ON ONE SIDE

GENERAL NOTES

WHERE TEMPORARY BARRICADE RUNS PARALLEL ALONG SIDEWALK, PLACE THE FACE OF THE BARRICADE AT THE EDGE OF THE SIDEWALK.

SIGNS THAT REMAIN IN PLACE LESS THAN SEVEN CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

PLACE TEMPORARY PEDESTRIAN BARRICADE TO FIT FIELD CONDITIONS, AVOIDING CONFLICTS WITH DRIVEWAYS AND OTHER EXISTING FEATURES.

1. IF TERRACE IS LESS THAN 6 FEET WIDE, OMIT TEMPORARY PEDESTRIAN BARRICADE FROM THE SIDEWALK TO THE CURB.
2. PLACE BARRICADE CLOSURE SO THAT THE TEMPORARY PEDESTRIAN BARRICADE END IS AT THE LAST OPEN SIDEWALK ACCESS TO RESIDENCES OR BUSINESSES BEFORE THE SIDEWALK CLOSURE.
3. IF TEMPORARY PEDESTRIAN BARRICADE PANEL IS WIDER THAN THE SIDEWALK WIDTH, THE PORTION OF EXCESS PANEL SHOULD EXTEND INTO THE TERRACE.
4. MOUNTING HEIGHT OF 5 FEET FROM THE SURFACE TO THE BOTTOM OF SIGN.

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

SDD 15D30-12f

LEGEND

- SIGN ON TEMPORARY SUPPORT
- WORK AREA
- UNDER PEDESTRIAN TRAFFIC
- TEMPORARY PEDESTRIAN SURFACE
- TEMPORARY PEDESTRIAN BARRICADE
- OPTIONAL TEMPORARY PEDESTRIAN BARRICADE
- DIRECTION OF TRAFFIC

GENERAL NOTES

TYPICAL TEMPORARY PEDESTRIAN BARRICADE PANEL IS 6 FEET LONG.

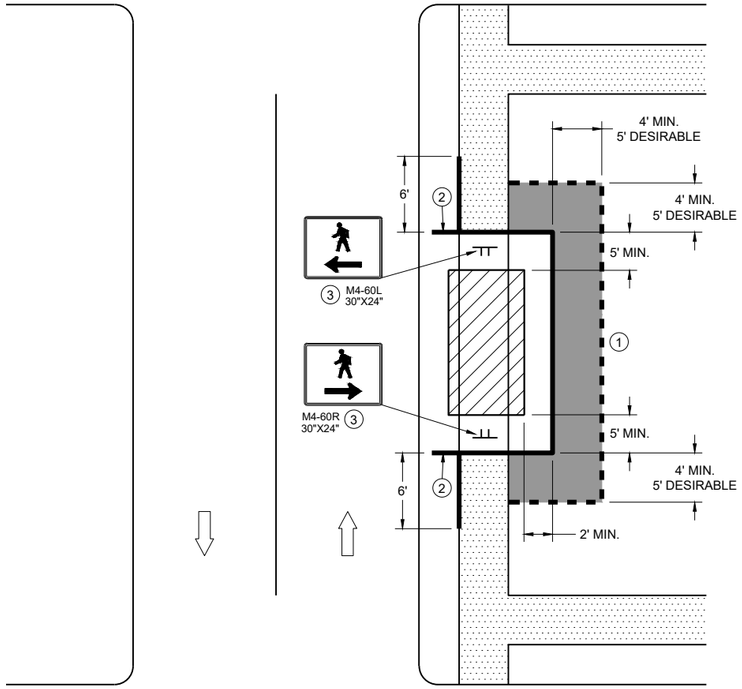
WHERE TEMPORARY BARRICADE RUNS PARALLEL ALONG SIDEWALK, PLACE THE FACE OF THE BARRICADE AT THE EDGE OF THE SIDEWALK.

SIGNS THAT REMAIN IN PLACE LESS THAN SEVEN CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

(1) USE TEMPORARY PEDESTRIAN BARRICADE TO SEPARATE PEDESTRIANS FROM DROP OFFS OR FOR ADDITIONAL PEDESTRIAN CHANNELIZATION.

(2) IF TEMPORARY PEDESTRIAN BARRICADE PANEL IS WIDER THAN THE SIDEWALK WIDTH, THE PORTION OF EXCESS PANEL SHOULD EXTEND INTO THE TERRACE.

(3) MOUNTING HEIGHT OF 5 FEET FROM THE SURFACE TO THE BOTTOM OF SIGN.



SIDEWALK BYPASS
SINGLE SIDE

6

SDD 15D30-12g

6

SDD 15D30-12g

TRAFFIC CONTROL,
PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

LEGEND

- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL DRUM
- WORK AREA
- UNDER PEDESTRIAN TRAFFIC
- TEMPORARY CURB RAMP
- TEMPORARY PEDESTRIAN SURFACE "A"
- TEMPORARY PEDESTRIAN SURFACE "B"
- TEMPORARY PEDESTRIAN BARRICADE
- DIRECTION OF TRAFFIC

GENERAL NOTES

TYPICAL TEMPORARY PEDESTRIAN BARRICADE PANEL IS 6 FEET LONG.

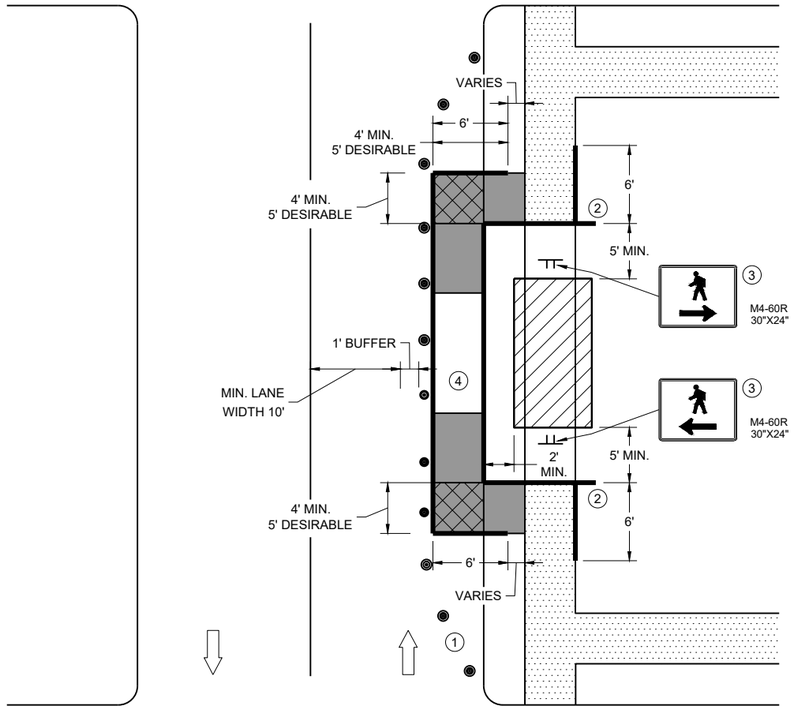
WHERE TEMPORARY BARRICADE RUNS PARALLEL ALONG SIDEWALK, PLACE THE FACE OF THE BARRICADE AT THE EDGE OF THE SIDEWALK.

(1) SHOULDER OR LANE CLOSURE ADVANCE WARNING AND BUFFER SPACE REQUIRED.

(2) PLACE EXCESS PORTION OF TEMPORARY PEDESTRIAN BARRICADE PANEL PAST THE SIDEWALK ON THE SIDE AWAY FROM THE ROAD.

(3) MOUNTING HEIGHT OF 5 FEET FROM THE SURFACE TO THE BOTTOM OF SIGN.

(4) USE EXISTING PAVEMENT SURFACE. IF EXISTING PAVEMENT SURFACE HAS BEEN REMOVED, USE A TEMPORARY PEDESTRIAN SURFACE. WHEN THE TEMPORARY PEDESTRIAN ACCESS ROUTE RUNS PARALLEL ON THE ROADWAY SURFACE, THE MAXIMUM CROSS SLOPE WILL MATCH THE EXISTING ROADWAY CROSS SLOPE.



SIDEWALK BYPASS, SINGLE SIDE

6

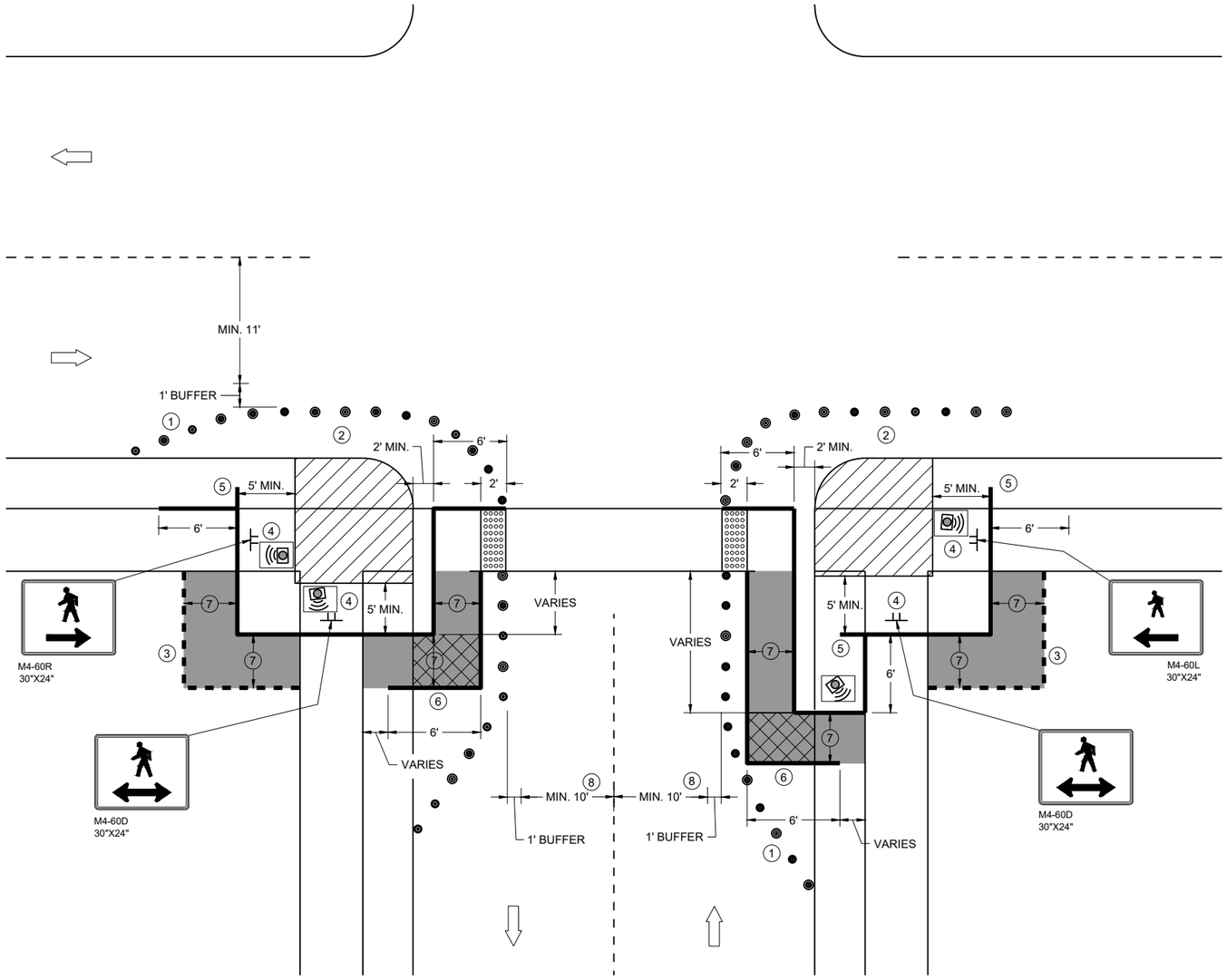
SDD 15D30-12h

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

SDD 15D30-12h



CURB RAMP PEDESTRIAN TRAFFIC CONTROL
SIDEWALK ON SINGLE SIDE

GENERAL NOTES

IF PEDESTRIAN PUSH BUTTONS ARE PRESENT ON THE EXISTING FACILITY, ENSURE THEY ARE MAINTAINED/ACCESSIBLE FOR PEDESTRIAN USE THROUGHOUT THE TEMPORARY PEDESTRIAN ACCOMMODATIONS.

TYPICAL TEMPORARY PEDESTRIAN BARRICADE PANEL IS 6 FEET LONG

WHEN TEMPORARY PEDESTRIAN BARRICADE RUNS PARALLEL ALONG THE SIDEWALK, PLACE THE FACE OF THE BARRICADE AT THE EDGE OF THE SIDEWALK.

WHEN THE TEMPORARY PEDESTRIAN ACCESS ROUTE RUNS PARALLEL ON THE ROADWAY SURFACE, THE MAXIMUM CROSS SLOPE WILL MATCH THE EXISTING ROADWAY CROSS SLOPE.

1. SHOULDER OR LANE CLOSURE ADVANCE WARNING AND PROPER BUFFER SPACE REQUIRED.
2. PROVIDE ADEQUATE SPACE FOR CONTRACTOR OPERATIONS
3. USE TEMPORARY PEDESTRIAN BARRICADE TO SEPARATE PEDESTRIANS FROM DROP OFFS OR FOR ADDITIONAL PEDESTRIAN CHANNELIZATION.
4. MOUNTING HEIGHT OF 5 FEET FROM SIDEWALK SURFACE TO BOTTOM OF SIGN.
5. PLACE EXCESS PORTION OF TEMPORARY PEDESTRIAN BARRICADE PANEL IN THE SIDEWALK TERRACE.
6. IF TEMPORARY PEDESTRIAN BARRICADE DOES NOT REACH THE FACE OF THE CURB, USE AN ADDITIONAL PANEL AND EXTEND INTO THE TERRACE.
7. 4 FEET MINIMUM, 5 FEET DESIRABLE
8. IF MINIMUM LANE WIDTHS CAN'T BE ATTAINED, CURB RAMPS MAY NEED TO BE CONSTRUCTED AT SEPARATE TIMES.

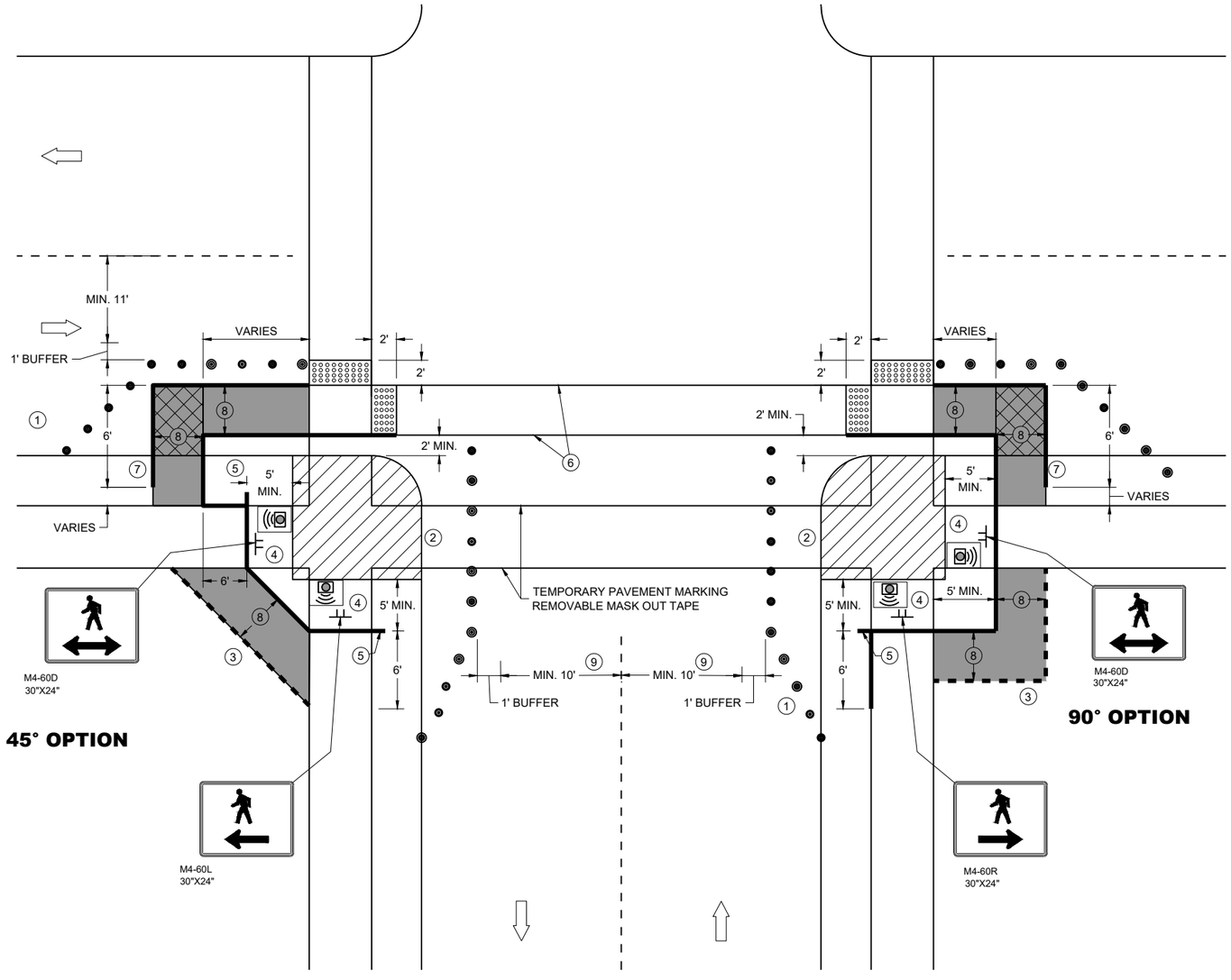
LEGEND

- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL DRUM
- WORK AREA
- TEMPORARY CURB RAMP
- TEMPORARY PEDESTRIAN SURFACE "A"
- TEMPORARY PEDESTRIAN SURFACE "B"
- TEMPORARY DETECTABLE WARNING FIELD
- TEMPORARY PEDESTRIAN BARRICADE
- OPTIONAL TEMPORARY PEDESTRIAN BARRICADE
- DIRECTION OF TRAFFIC
- TEMPORARY AUDIBLE MESSAGE DEVICE (EXACT PLACEMENT BASED UPON FIELD CONDITIONS)

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6
SDD 15D30-12i



CURB RAMP PEDESTRIAN TRAFFIC CONTROL

GENERAL NOTES

IF PEDESTRIAN PUSH BUTTONS ARE PRESENT ON THE EXISTING FACILITY, ENSURE THEY ARE MAINTAINED/ACCESSIBLE FOR PEDESTRIAN USE THROUGHOUT THE TEMPORARY PEDESTRIAN ACCOMMODATIONS.

TYPICAL TEMPORARY PEDESTRIAN BARRICADE PANEL IS 6 FEET LONG

WHEN TEMPORARY PEDESTRIAN BARRICADE RUNS PARALLEL ALONG THE SIDEWALK, PLACE THE FACE OF THE BARRICADE AT THE EDGE OF THE SIDEWALK.

WHEN THE TEMPORARY PEDESTRIAN ACCESS ROUTE RUNS PARALLEL ON THE ROADWAY SURFACE, THE MAXIMUM CROSS SLOPE WILL MATCH THE EXISTING ROADWAY CROSS SLOPE.

(1) SHOULDER OR LANE CLOSURE ADVANCE WARNING AND PROPER BUFFER SPACE REQUIRED.

(2) PROVIDE ADEQUATE SPACE FOR CONTRACTOR OPERATIONS

(3) USE TEMPORARY PEDESTRIAN BARRICADE TO SEPARATE PEDESTRIANS FROM DROP OFFS OR FOR ADDITIONAL PEDESTRIAN CHANNELIZATION.

(4) MOUNTING HEIGHT OF 5 FEET FROM SIDEWALK SURFACE TO BOTTOM OF SIGN.

(5) PLACE EXCESS PORTION OF TEMPORARY PEDESTRIAN BARRICADE PANEL IN THE SIDEWALK TERRACE.

(6) WHITE 6" TEMPORARY PAVEMENT MARKING

(7) IF TEMPORARY PEDESTRIAN BARRICADE DOES NOT REACH THE FACE OF THE CURB, USE AN ADDITIONAL PANEL AND EXTEND INTO THE TERRACE.

(8) 4 FEET MINIMUM, 5 FEET DESIRABLE

(9) IF MINIMUM LANE WIDTHS CAN'T BE ATTAINED, CURB RAMPS MAY NEED TO BE CONSTRUCTED AT SEPARATE TIMES.

LEGEND

- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL DRUM
- WORK AREA
- TEMPORARY CURB RAMP
- TEMPORARY PEDESTRIAN SURFACE "A"
- TEMPORARY PEDESTRIAN SURFACE "B"
- TEMPORARY DETECTABLE WARNING FIELD
- TEMPORARY PEDESTRIAN BARRICADE
- OPTIONAL TEMPORARY PEDESTRIAN BARRICADE
- DIRECTION OF TRAFFIC
- TEMPORARY AUDIBLE MESSAGE DEVICE (EXACT PLACEMENT BASED UPON FIELD CONDITIONS)

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

SDD 15D30-12j

SDD 15D30-12j

LEGEND

SIGN ON PERMANENT SUPPORT

SIGN ON TEMPORARY SUPPORT

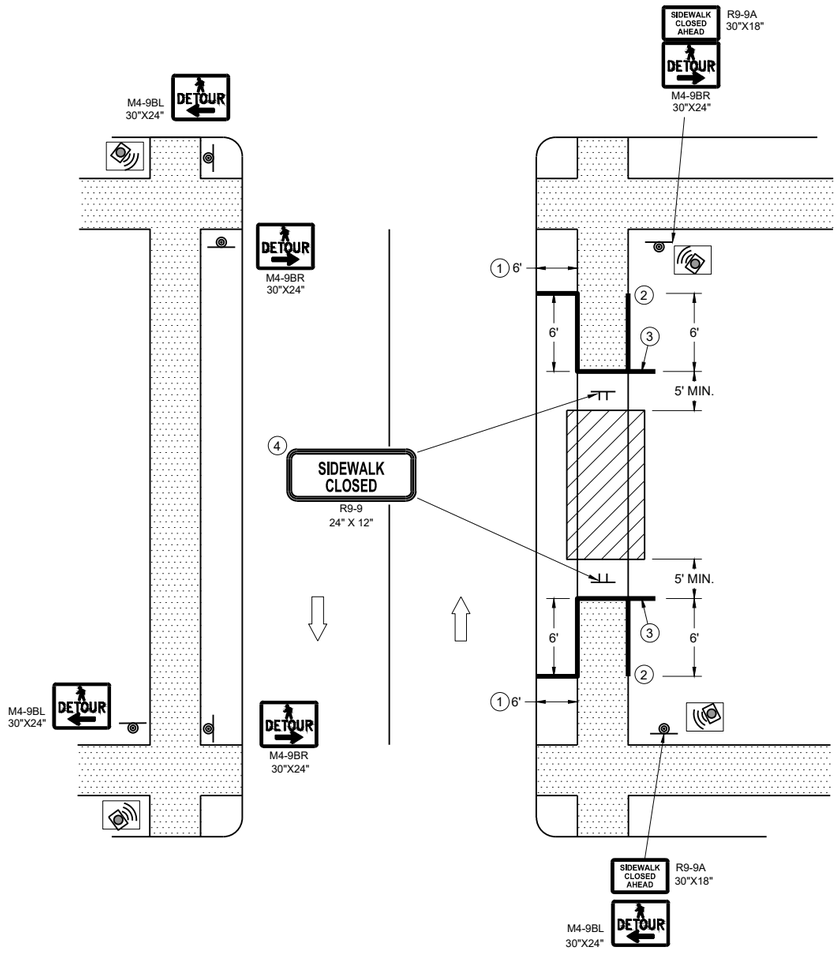
UNDER PEDESTRIAN TRAFFIC

WORK AREA

TEMPORARY PEDESTRIAN BARRICADE

DIRECTION OF TRAFFIC

TEMPORARY AUDIBLE MESSAGE DEVICE (EXACT PLACEMENT BASED UPON FIELD CONDITIONS)



SIDEWALK DETOUR, SIDEWALK ON BOTH SIDES

GENERAL NOTES

WHERE TEMPORARY BARRICADE RUNS PARALLEL ALONG SIDEWALK, PLACE THE FACE OF THE BARRICADE AT THE EDGE OF THE SIDEWALK.

SIGNS THAT REMAIN IN PLACE LESS THAN SEVEN CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

PLACE TEMPORARY PEDESTRIAN BARRICADE TO FIT FIELD CONDITIONS, AVOIDING CONFLICT WITH DRIVEWAYS AND OTHER EXISTING FEATURES.

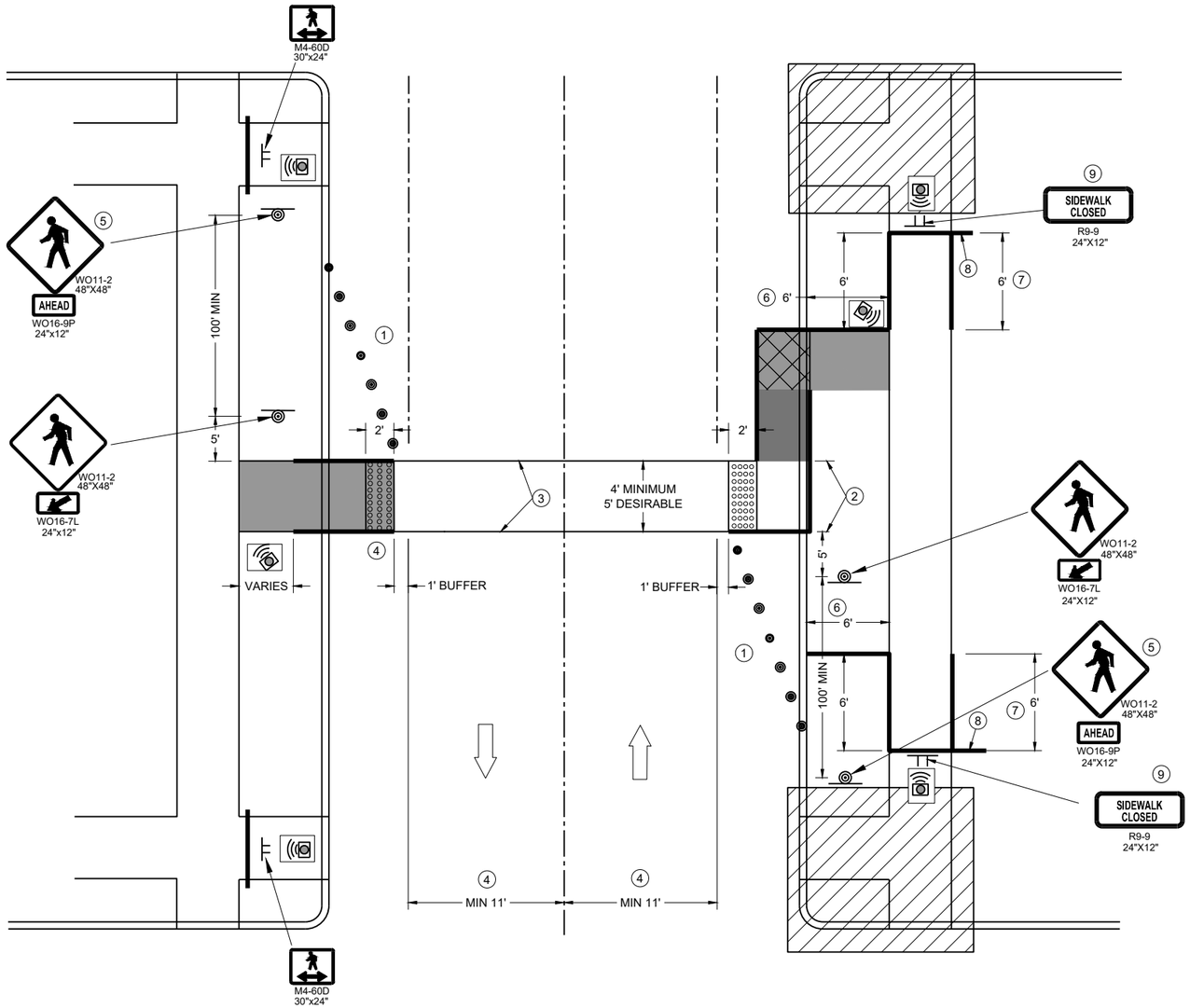
1. IF TERRACE IS LESS THAN 6 FEET WIDE, OMIT TEMPORARY PEDESTRIAN BARRICADE FROM THE SIDEWALK TO THE CURB.
2. PLACE BARRICADE CLOSURE SO THAT THE TEMPORARY PEDESTRIAN BARRICADE END IS AT THE LAST OPEN SIDEWALK ACCESS TO RESIDENCES OR BUSINESSES BEFORE THE SIDEWALK CLOSURE.
3. IF TEMPORARY PEDESTRIAN BARRICADE PANEL IS WIDER THAN THE SIDEWALK WIDTH, THE PORTION OF EXCESS PANEL SHOULD EXTEND INTO THE TERRACE.
4. MOUNTING HEIGHT OF 5 FEET FROM THE SURFACE TO THE BOTTOM OF SIGN.

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

SDD 15D30-12k



TEMPORARY PEDESTRIAN CROSSING

GENERAL NOTES

TYPICAL TEMPORARY PEDESTRIAN BARRICADE PANEL IS 6 FEET LONG.

SEE OTHER PEDESTRIAN ACCOMMODATION DETAILS FOR SIGNING AND DEVICES FOR DIFFERENT PEDESTRIAN FACILITIES CLOSURES.

WHEN THE TEMPORARY PEDESTRIAN ACCESS ROUTE RUNS PARALLEL ON THE ROADWAY SURFACE, THE MAXIMUM CROSS SLOPE WILL MATCH THE EXISTING ROADWAY CROSS SLOPE.

1. SHOULDER OR LANE CLOSURE ADVANCED WARNING AND PROPER BUFFER SPACE REQUIRED.
2. 4 FEET MINIMUM, 5 FEET DESIRABLE.
3. WHITE 6" TEMPORARY PAVEMENT MARKING.
4. IF MINIMUM LANE WIDTHS CAN'T BE ATTAINED, PERPENDICULAR CURB RAMPS MAY NEED TO BE UTILIZED.
5. IF MINIMUM 100' SPACING FROM THE MID-BLOCK CROSSING CANNOT BE ATTAINED BEFORE THE INTERSECTION, REMOVE THIS SIGN ASSEMBLY.
6. IF TERRACE IS LESS THAN 6 FEET WIDE, OMIT TEMPORARY PEDESTRIAN BARRICADE FROM THE SIDEWALK TO THE CURB.
7. PLACE BARRICADE CLOSURE SO THAT THE TEMPORARY PEDESTRIAN BARRICADE END IS AT THE LAST OPEN SIDEWALK ACCESS TO RESIDENCES OR BUSINESSES BEFORE THE SIDEWALK CLOSURE.
8. IF TEMPORARY PEDESTRIAN BARRICADE PANEL IS WIDER THAN THE SIDEWALK WIDTH, THE PORTION OF THE EXCESS PANEL SHOULD EXTEND INTO THE TERRACE.
9. MOUNTING HEIGHT OF 5 FEET FROM THE SURFACE TO THE BOTTOM OF THE SIGN.

LEGEND

- TRAFFIC CONTROL DRUM
- SIGN ON TEMPORARY SUPPORT
- TEMPORARY CURB RAMP
- TEMPORARY DETECTABLE WARNING FIELD
- TEMPORARY PEDESTRIAN SURFACE "A"
- TEMPORARY PEDESTRIAN SURFACE "B"
- WORK AREA
- TEMPORARY PEDESTRIAN BARRICADE
- DIRECTION OF TRAFFIC
- TEMPORARY AUDIBLE MESSAGE DEVICE (EXACT PLACEMENT BASED UPON FIELD CONDITIONS)

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2025 — DATE
/S/ Andrew Heidtke — WORK ZONE ENGINEER

FHWA

6

SDD 15D30-12I

GENERAL NOTES

DRAWING NOT TO SCALE. ALL SIGNS AND POSTS ON THIS SHEET SHALL BE PAID FOR WITH 'TRAFFIC CONTROL SIGNS' BID ITEM. ALL SIDE ROADS WHICH ARE UNDER CONSTRUCTION OF CURB AND GUTTER AND/OR GRADING SHALL BE ADEQUATELY SIGNED.

ALL SIGNS AND DEVICES SHALL BE IN CONFORMANCE WITH THE WISCONSIN MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (WMUTCD). SIGN LAYOUTS SHALL BE IN ACCORDANCE WITH THE WISDOT STANDARD SIGN PLATES.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THAT THE BACKGROUND IS ORANGE.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.

ALL SIGNS INAPPROPRIATE TO THE STATUS OF THE CONTROL ZONE, INCLUDING PRE-EXISTING SIGNS IN THE VICINITY, SHALL BE COVERED OR REMOVED AS DIRECTED BY THE ENGINEER.

SEE 15C34 FOR ADDITIONAL TRAFFIC CONTROL SIGNING WHEN CENTERLINE PAVEMENT MAKINGS ARE MISSING. 'DO NOT PASS' SIGNS MUST BE INSTALLED ON THE SAME DAY AS MILLING OPERATIONS.

(1) PLACE SIGNS 350' IN ADVANCE OF CHIP SEALED OR LOOSE GRAVEL SURFACES AND AT 1 MILE INTERVALS, OR AS DIRECTED BY THE ENGINEER.

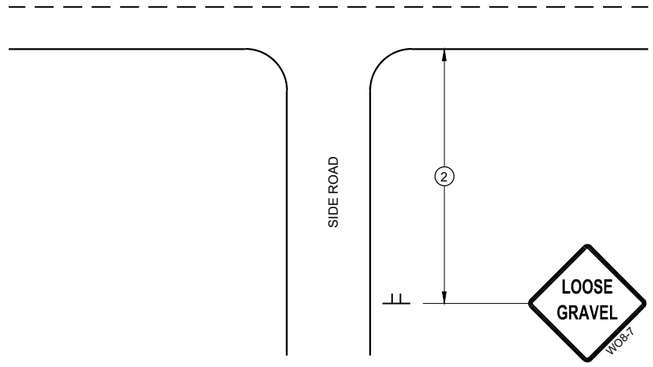
(2) PLACE SIGN 200' MIN. FROM INTERSECTION AND 200' MIN. AFTER ADVANCE WARNING SIGN SHOWN IN SDD 15C04.

(3) ADD WO8-1 OR WO8-2 SIGN WHEN THE CONDITION IS PRESENT.

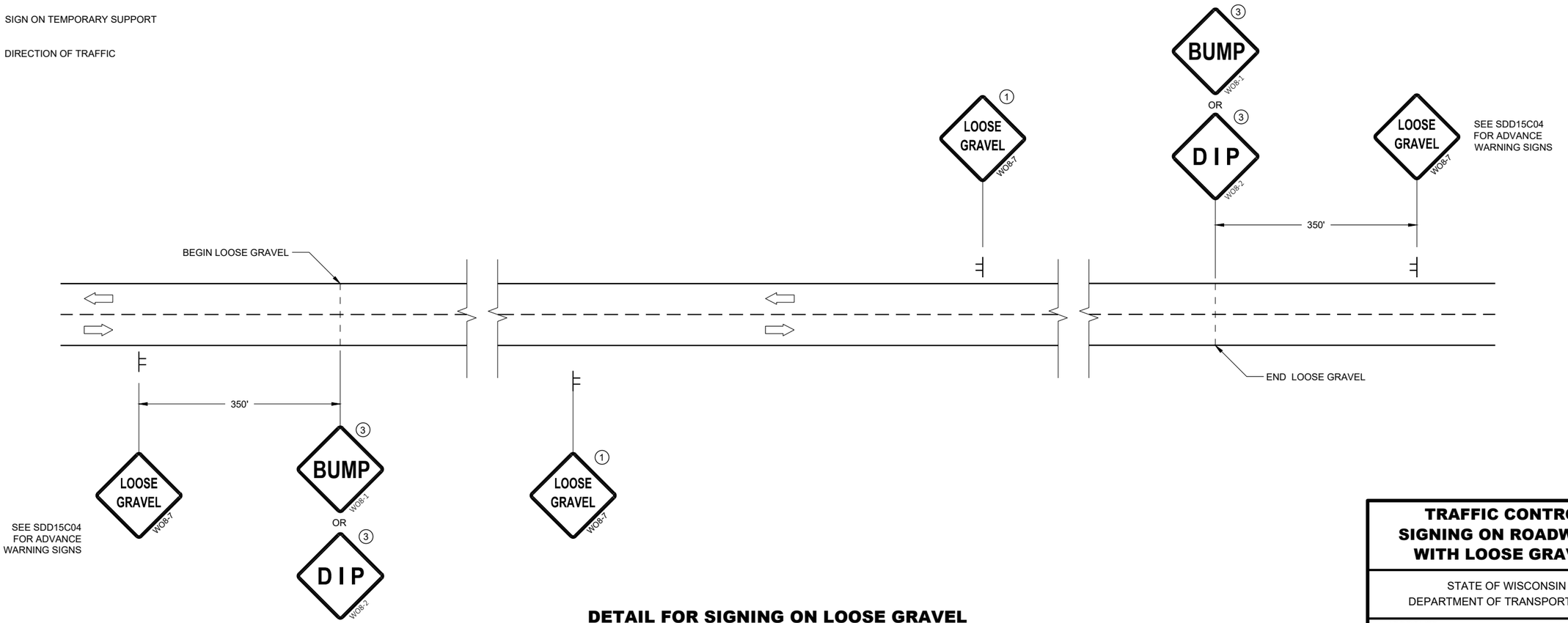
LEGEND

SIGN ON TEMPORARY SUPPORT

DIRECTION OF TRAFFIC



TYPICAL SIDE ROAD APPROACH SIGN DETAIL



DETAIL FOR SIGNING ON LOOSE GRAVEL OR CHIP SEALED SURFACES

TRAFFIC CONTROL SIGNING ON ROADWAYS WITH LOOSE GRAVEL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
February 2021
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEE

FHWA

6

SDD 15D45 - 03

NOTES:
1. ALL SIGNS TYPE II - TYPE F REFLECTIVE
2. COLOR:
   BACKGROUND - ORANGE
   MESSAGE - BLACK
3. MESSAGE SERIES - C



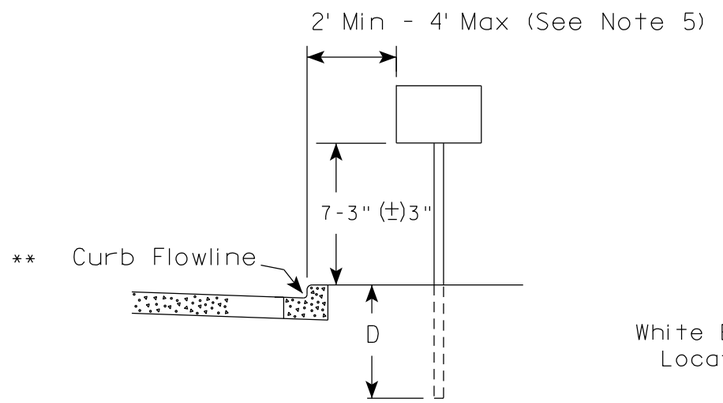
1.125" Radius, 0.50" Boarder, 0.375" Indent

7

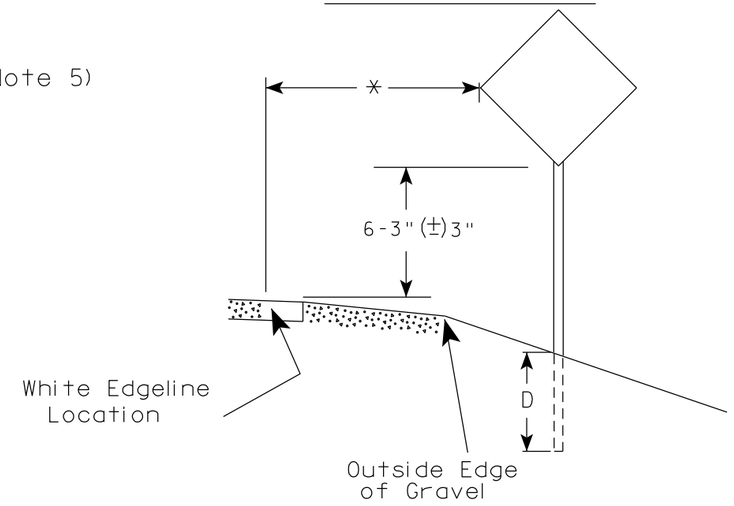
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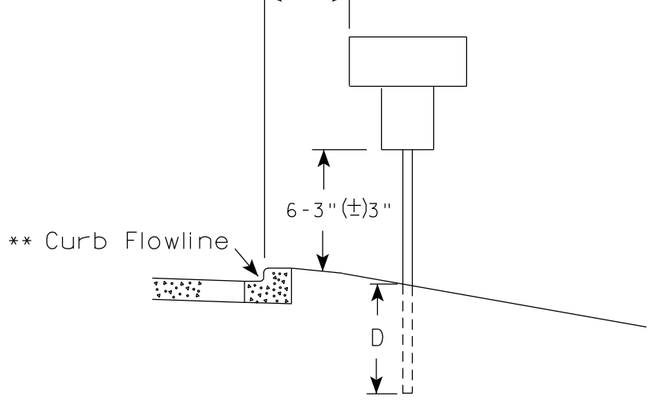
PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	TEMPORARY SIGNING DETAIL	SHEET 202	E

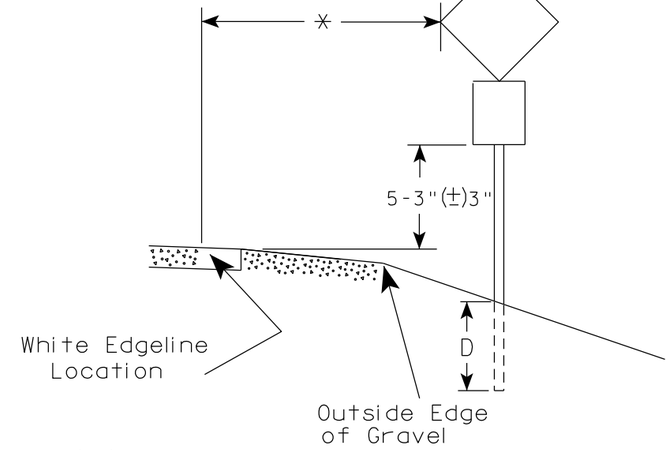
URBAN AREA



RURAL AREA (See Note 2)







** The existence of curb and gutter does not in itself mandate the vertical clearance illustrated. That height is typically measured where there is sidewalk adjacent to the roadway or parking is permitted. In the absence of sidewalk vertical clearance is measured from the top of the curb. Offset of signs is measured from the flow line.

* 6 feet from edge of a paved shoulder or 12 feet from the edge of pavement (edge line location) or 2 feet from outside edge of gravel, whichever is greater unless directed by project engineer.

POST EMBEDMENT DEPTH

Area of Sign Installation (Sq. Ft.)	D (Min)
20 or Less	4'
Greater than 20	5'

GENERAL NOTES

1. Signs wider than 4 feet or 20 sq.ft or larger, shall be mounted on multiple posts. Refer to plate A4-4.
2. If signs are mounted on or behind barrier wall, see A4-10 sign plate.
   The Double Arrow sign (W12-1D) shall be mounted at a height of 2'-3" (±) 3". The Chevron sign (W1-8), Roundabout Chevron panel (R6-4B), Enhanced Reference Markers, Clearance Markers (W5-52), Mile Markers (D10 series), In Road Object Markers (W5-54) & End of Road Markers (W5-56) shall be mounted at a height of 4'-3" (±) 3".
3. For expressways and freeways, mounting height is 7'- 3" (±) 3" or 6'-3" (±) 3" depending upon existence of a sub-sign.
4. Minimum mounting height for signs mounted on traffic signal poles is 5'- 3" (±) 3".
5. Offset distance shall be consistent with existing signs or consistent throughout length of project.
6. Folding signs shall be mounted at a height of 5'-3" (±) 3" or as directd by the Engineer.

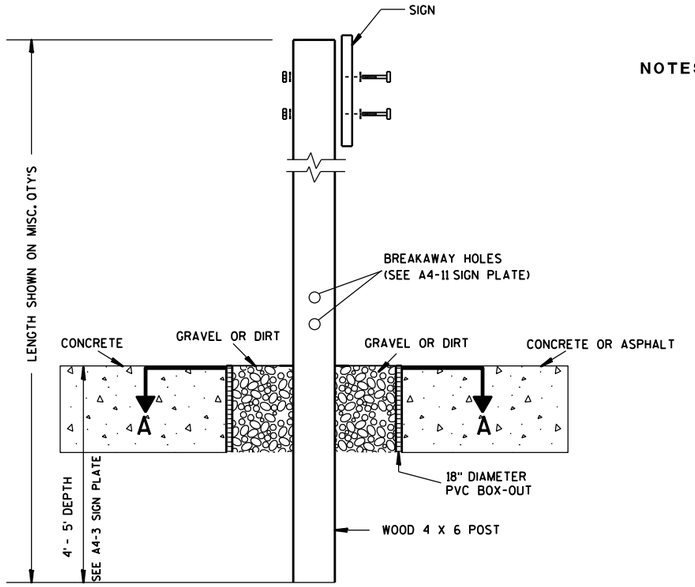
TYPICAL INSTALLATION OF PERMANENT TYPE II SIGNS ON SINGLE POSTS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 12/6/23 PLATE NO. A4-3.23

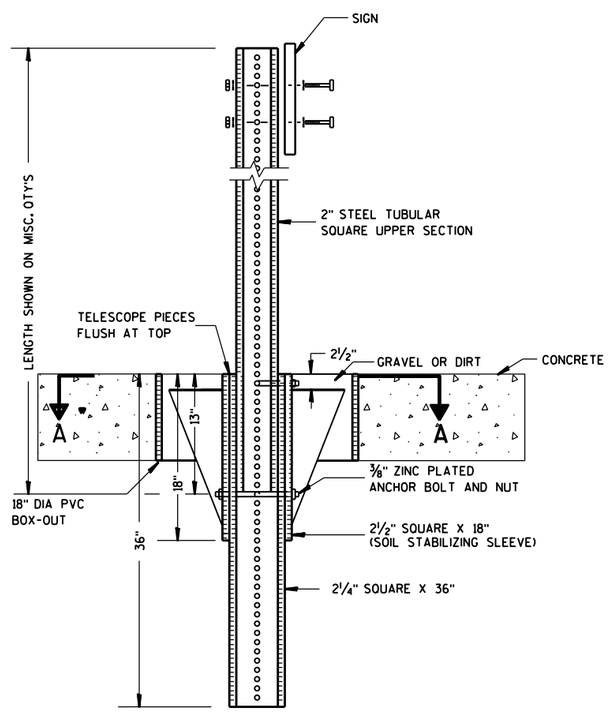
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 203	E



ELEVATION VIEW

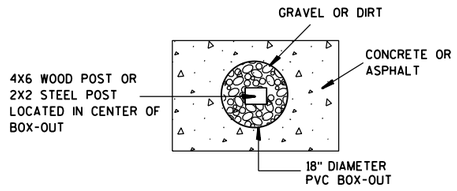
DETAIL OF WOOD 4 X 6 SIGN POST IN BOX-OUT

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

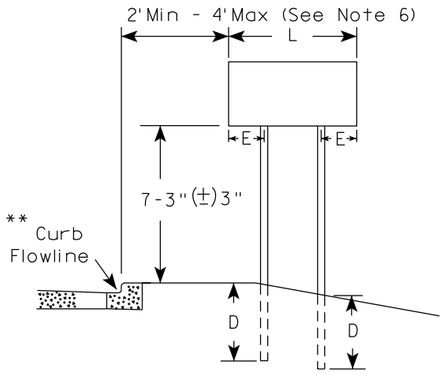
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/27/14 PLATE NO. A4-3B.1

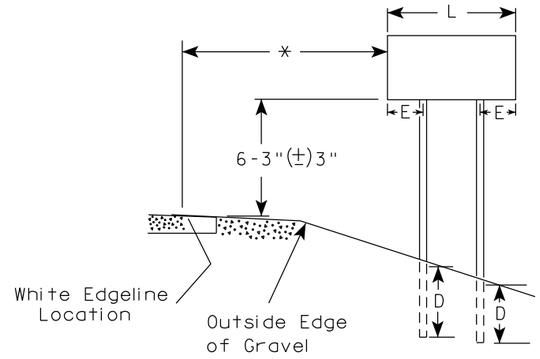
PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

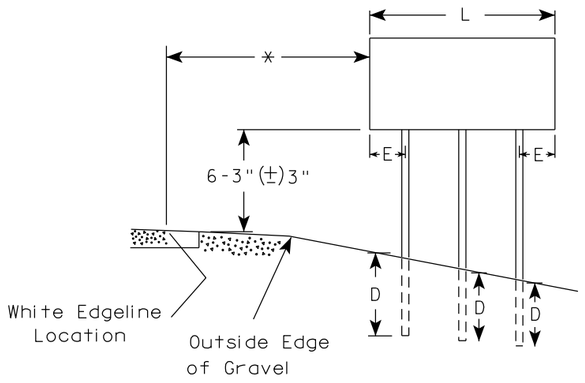
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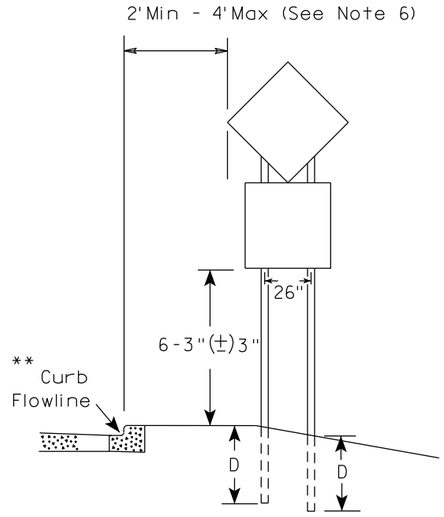
URBAN AREA



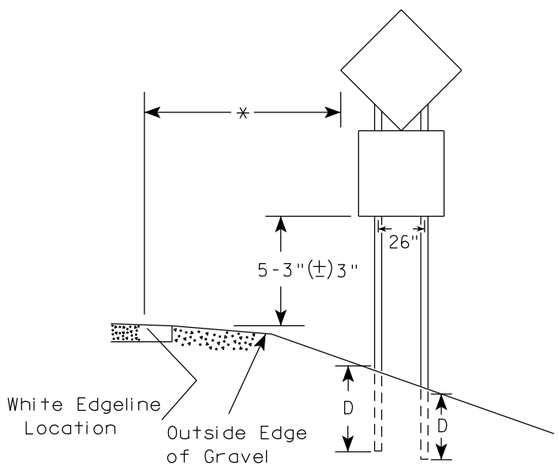
RURAL AREA (See Note 3)







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'

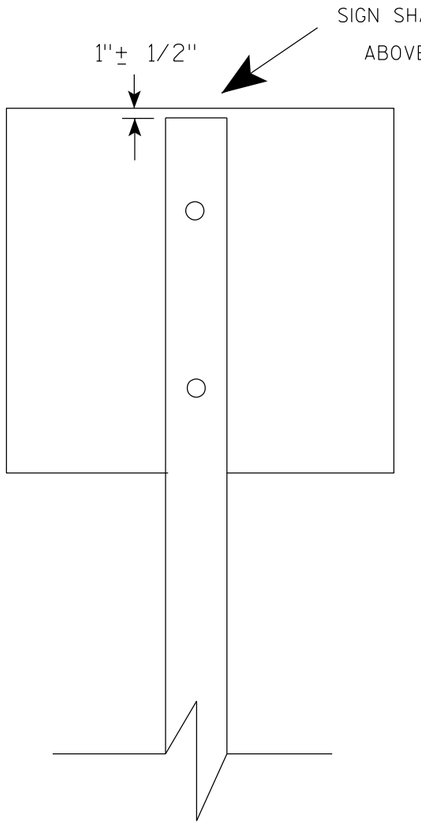
TYPICAL INSTALLATION OF TYPE II SIGNS ON MULTIPLE POSTS

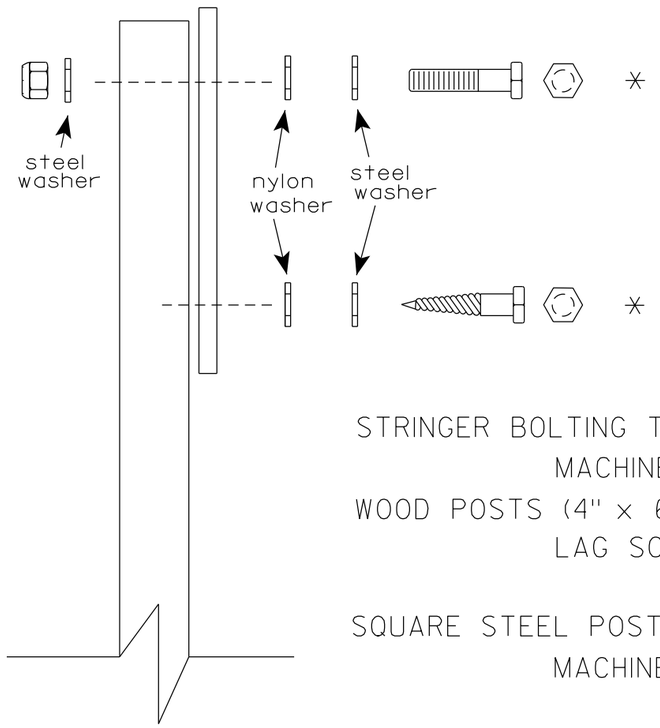
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 12/6/23 PLATE NO. A4-4.16

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 205	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: 206 E

FILE NAME : C:\CAEFiles\Projects\tr_stdplate\A48.DGN PLOT DATE : 01-APRIL-2020 PLOT BY : dotc4c

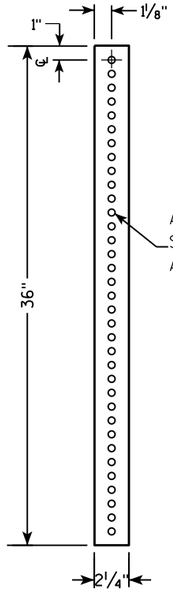
WISDOT/CADDS SHEET 42

7

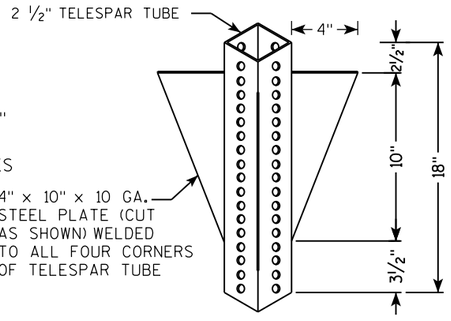
7

TELESCOPIC TUBING ANCHORS
TWO PIECE SYSTEM

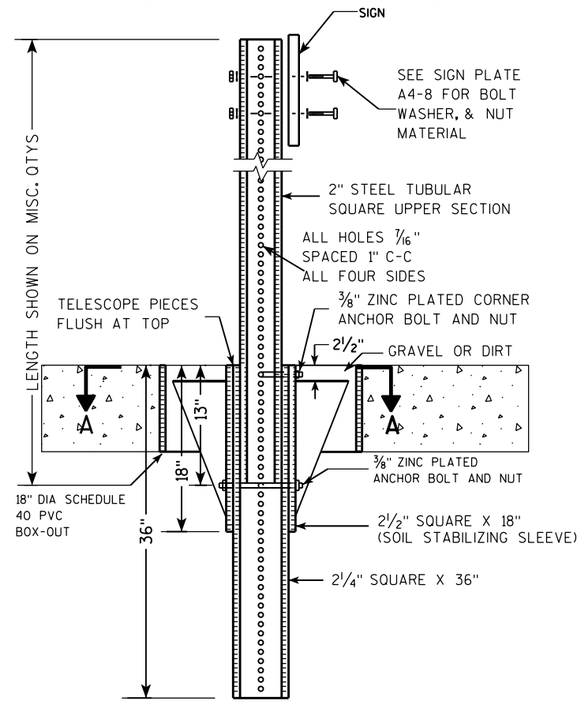
2 1/4 " SQUARE
12 GAUGE
PERFORATED
GALVANIZED FINISH



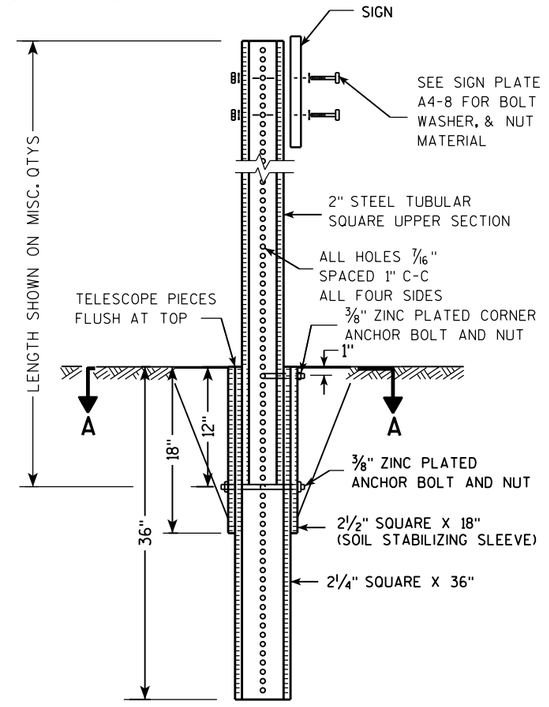
2 1/2 " SQUARE
12 GAUGE
OMNI-DIRECTIONAL
PERFORATED
SOIL STABILIZING SLEEVE
GALVANIZED FINISH

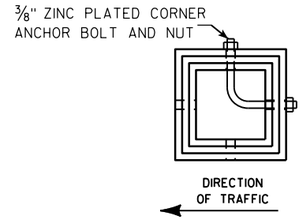


DETAIL OF TUBULAR STEEL SIGN POST
(IN POURED CONCRETE OR ASPHALT)



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).

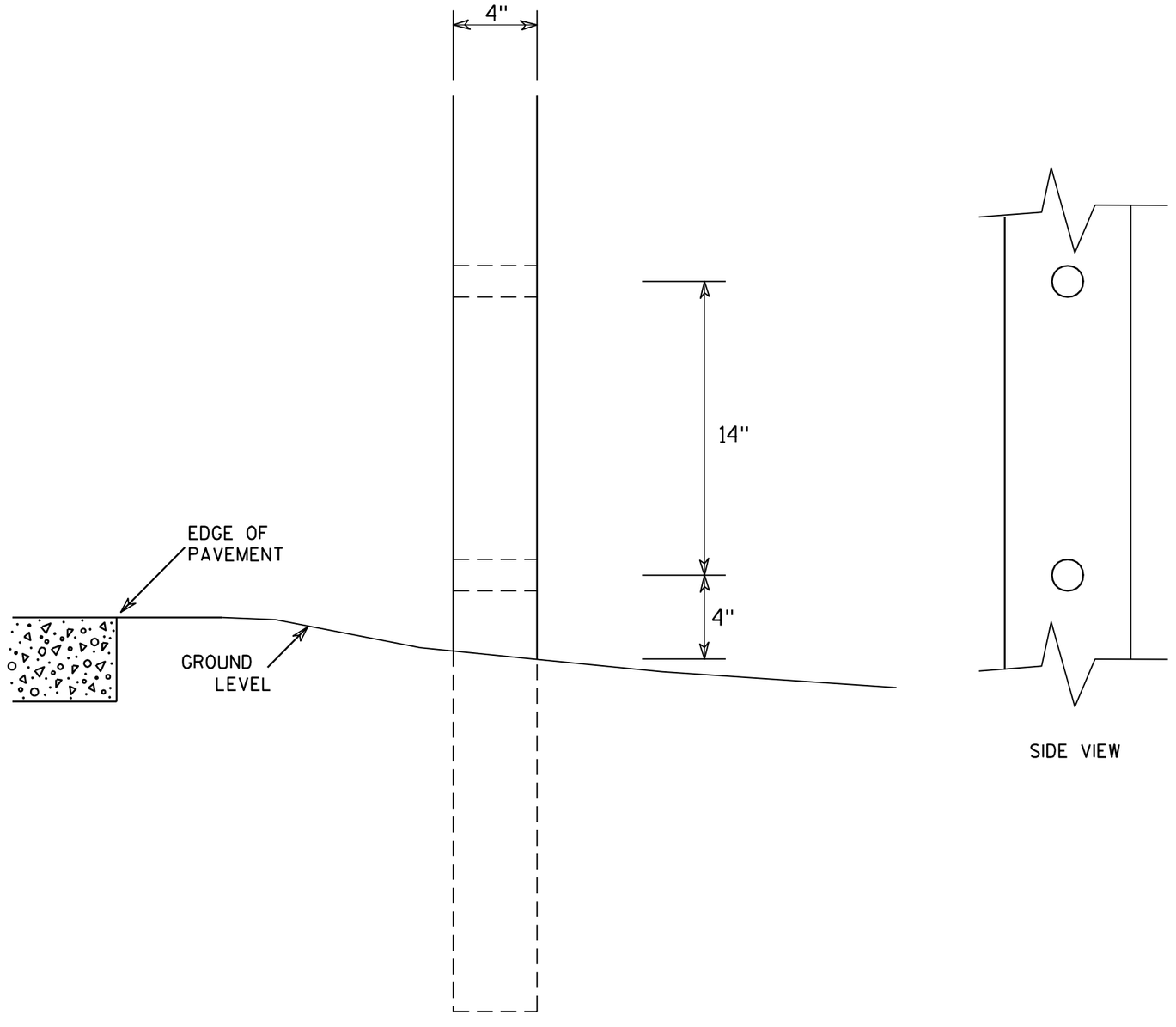
TUBULAR STEEL
SIGN POST
A4-9

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/05/15 PLATE 207 A4-9.9

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E



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

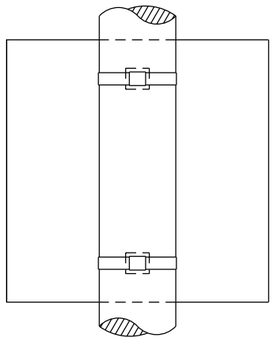
APPROVED Chester J Spang
for State Traffic Engineer

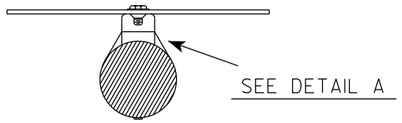
DATE 3/27/97 PLATE NO. A4-11.2

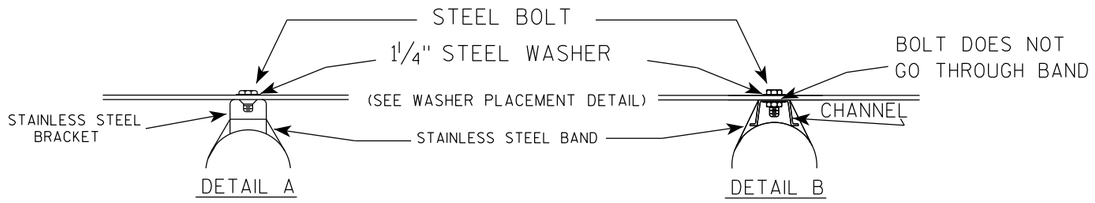
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 208	E

BANDING

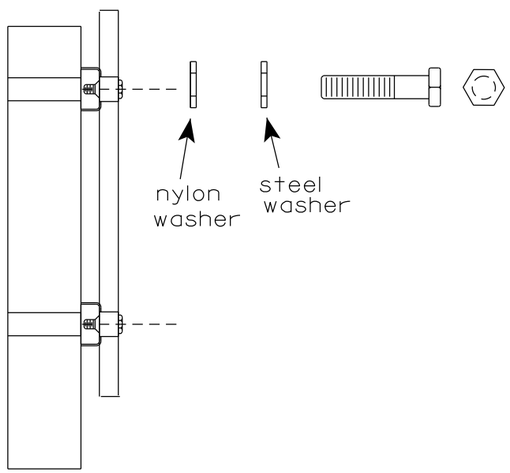
SINGLE SIGN







WASHER PLACEMENT

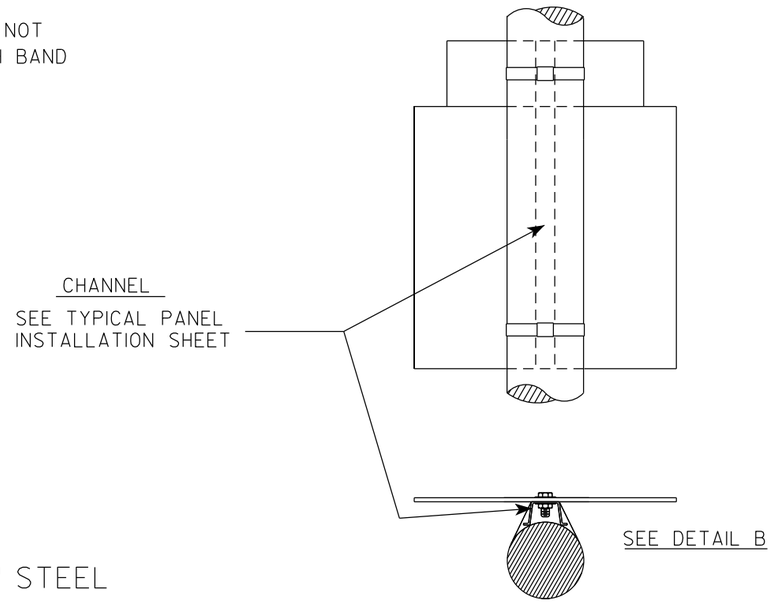


WASHERS (ALL POSTS) -
1-1/4" O.D. X 3/8" I.D. X 1/16" STEEL
1-1/4" O.D. X 3/8" I.D. X .080 NYLON
FOR ALL TYPE H SIGNS

GENERAL NOTES

1. Any sign over 3 feet in width shall use the V-Block banding method. See A5-10 standard plate.
2. Signs 3 feet or greater in height shall have three bracket bands installed. Signs less than 3 feet in height shall have two bracket bands installed.
3. Banding and assembly bracket shall be stainless steel. All bands shall be ¾" in width and 0.025" thickness.
4. ALL SIGN MOUNTING BOLTS AND WASHERS SHALL BE EITHER:
   a. Hot dip or mechanically galvanized in accordance with ASTM Designation: A 153, Class D
   b. Electro-galvanized in accordance with ASTM designation: B 633, Type III, SC 3

"J" ASSEMBLY



STANDARD SIGN
SIGN BANDING DETAILS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

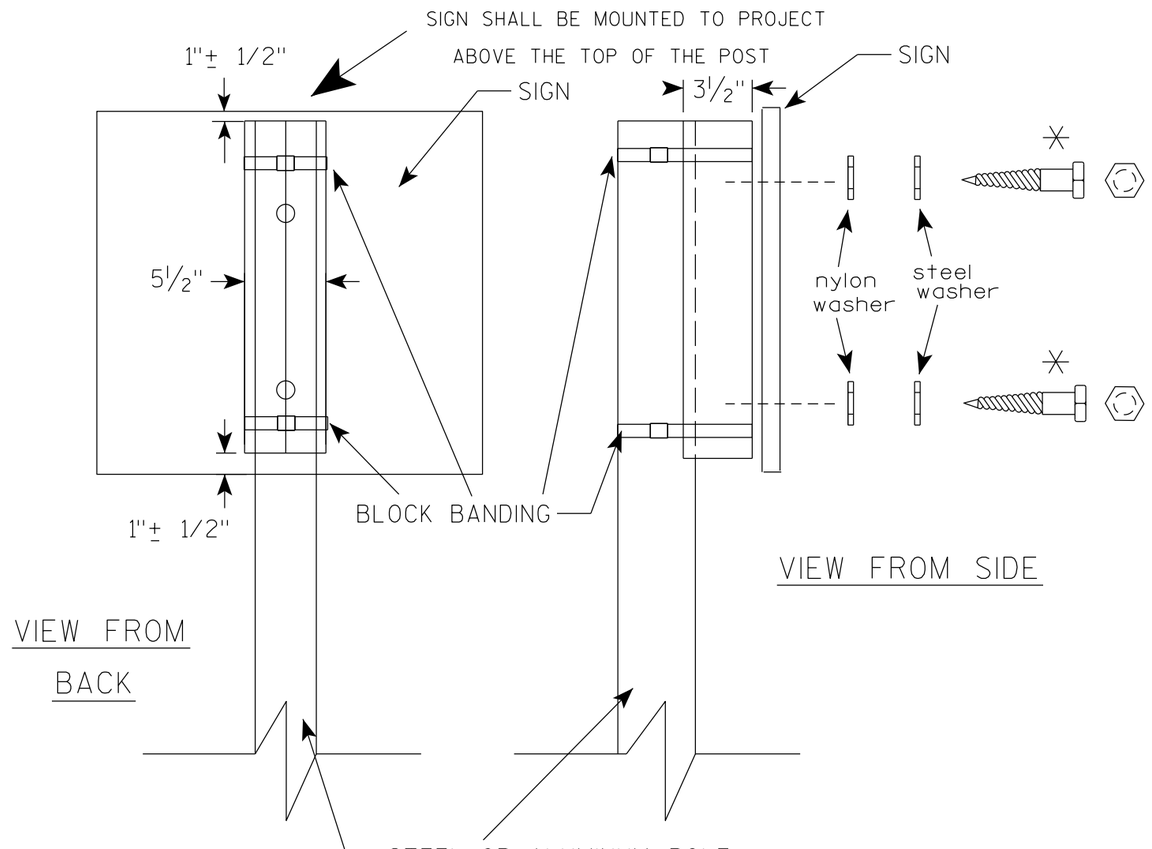
DATE 6/10/19 PLATE NO. A5-9.4

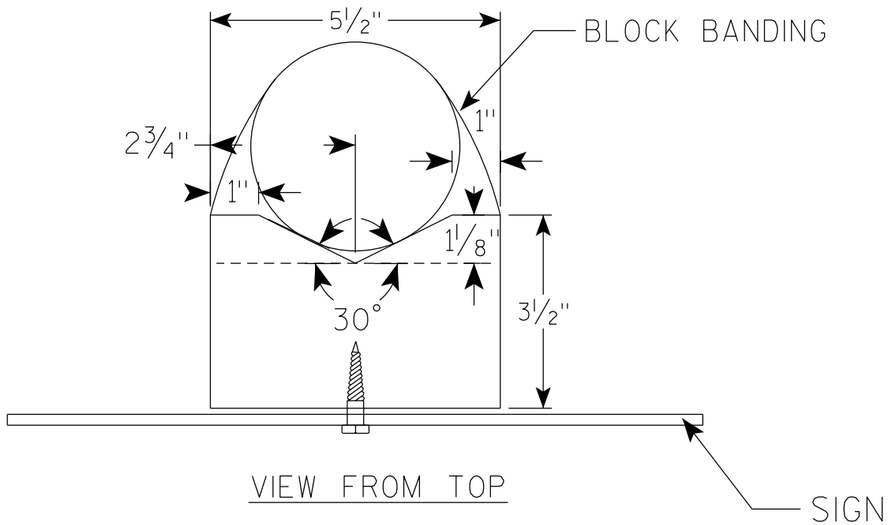
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 209	E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\A59.dgn PLOT DATE : 10-JUN 2019 4:10 PLOT BY : mscj9h PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42

7

7





GENERAL NOTES

1. WOOD 4"X6" POST MATERIAL SHALL CONFORM TO 507.2.2 OF THE WisDOT STANDARD SPECIFICATIONS
2. BLOCK BANDING AND CLIPS SHALL BE STAINLESS STEEL, ¾" WIDTH AND 0.025" THICKNESS
3. SIGNS 3' OR GREATER IN HEIGHT SHALL UTILIZE 3 BLOCK BANDS. SIGNS UNDER 3' IN HEIGHT SHALL UTILIZE 2 BLOCK BANDS
4. ACTUAL NUMBER OF FASTENERS PER SIGN VARIES WITH THE SIGN AREA, BUT NORNALLY THERE ARE TWO. FOR SIGNS GREATER THAN 9 S.F. 3 FASTENERS SHALL BE USED.
5. ALL SIGN MOUNTING BOLTS AND WASHERS SHALL BE EITHER:
   a. Hot dip or mechanically galvanized in accordance with ASTM Designation: A 153, Class D
   b. Electro-galvanized in accordance with ASTM Designation : B 633, TYPE III, SC 3
6. ALL BOLTS SHALL HAVE HEXAGONAL HEADS.
7. STEEL WASHERS SHALL BE 1¼" O.D. X ⅜" I.D. X 1/16"
8. NYLON WASHERS SHALL BE 1¼" O.D. X ⅜" I.D. X .080 FOR TYPE H OR TYPE F FACE SIGN

✳ LAG BOLTS SHALL BE ⅜" X 2½"

BLOCK BANDING DETAIL (V-BLOCK OPTION)

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

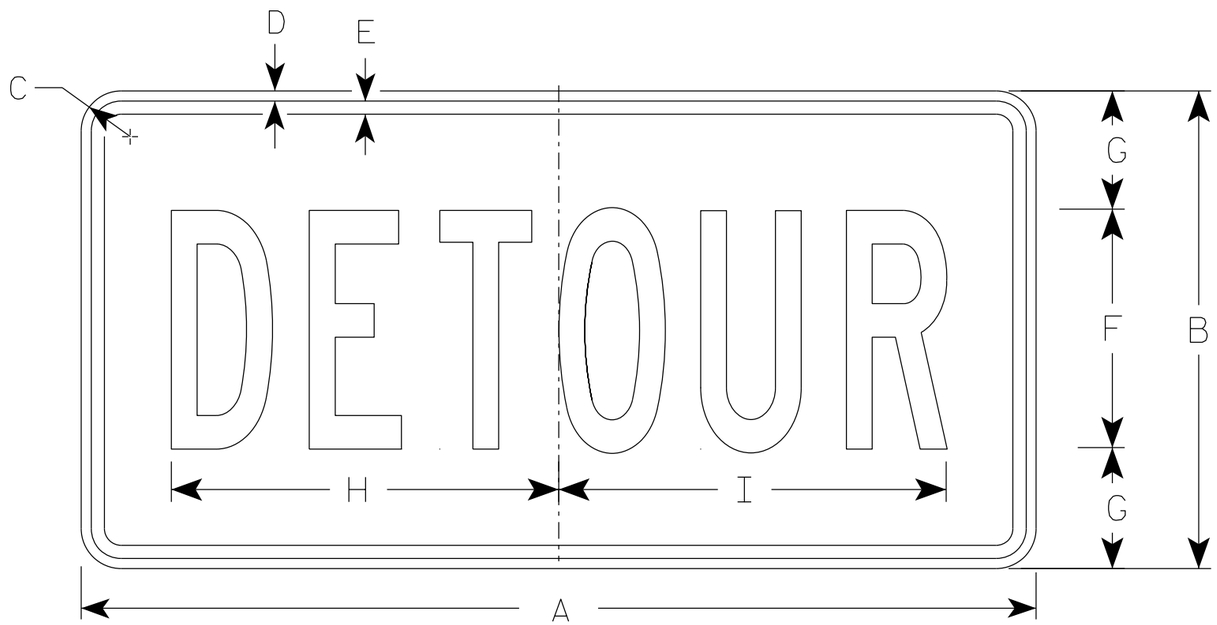
DATE 4/19/2022 PLATE NO. A5-10.3

PROJECT NO:

SHEET NO: 210 E

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.



M4-8

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

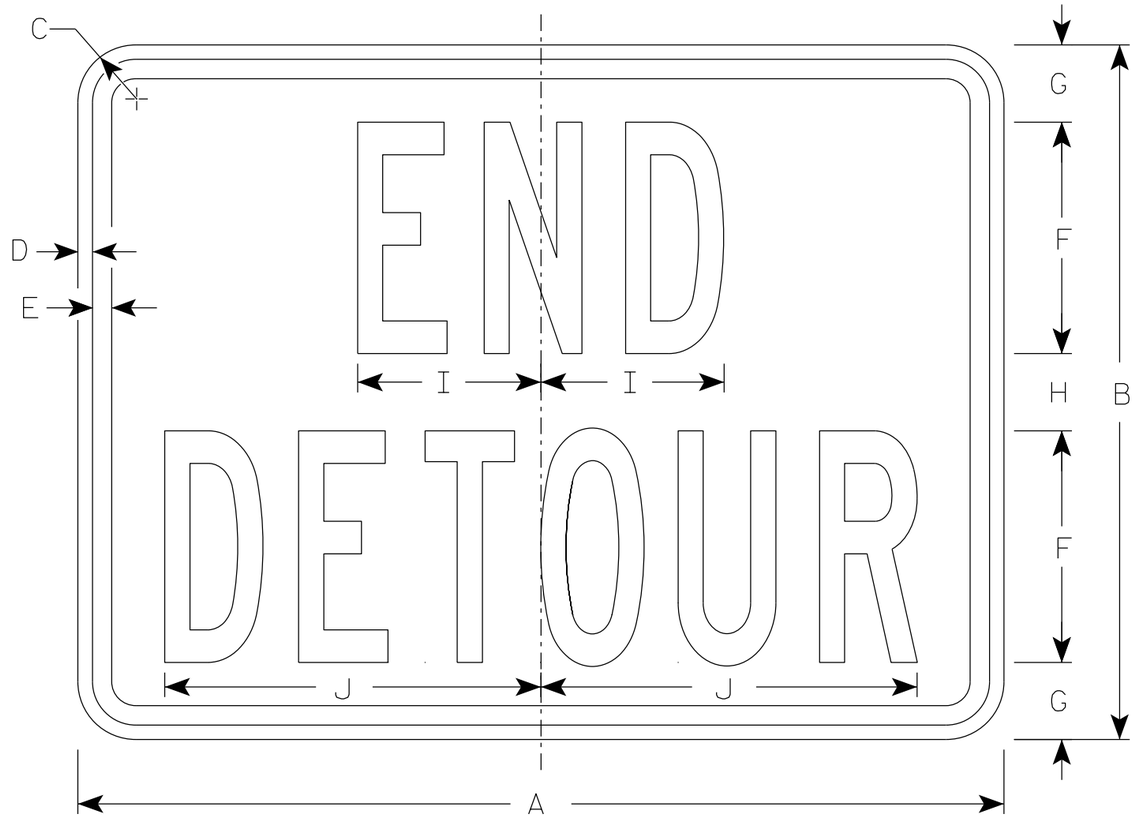
STANDARD SIGN
M4-8

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



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

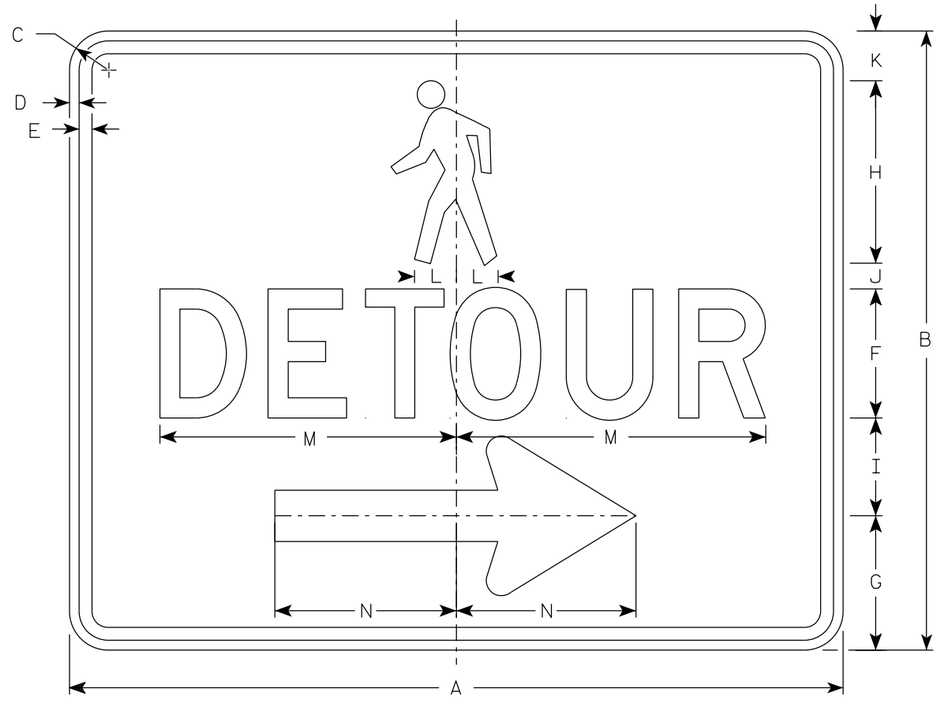
STANDARD SIGN
M4-8A

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/9/2023 PLATE NO. M4-8A.4

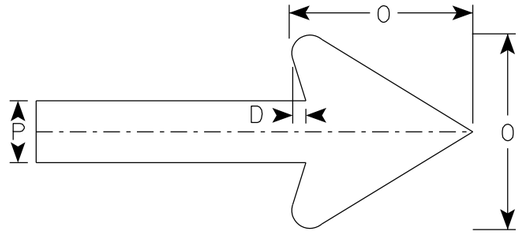
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 212 | E



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																											

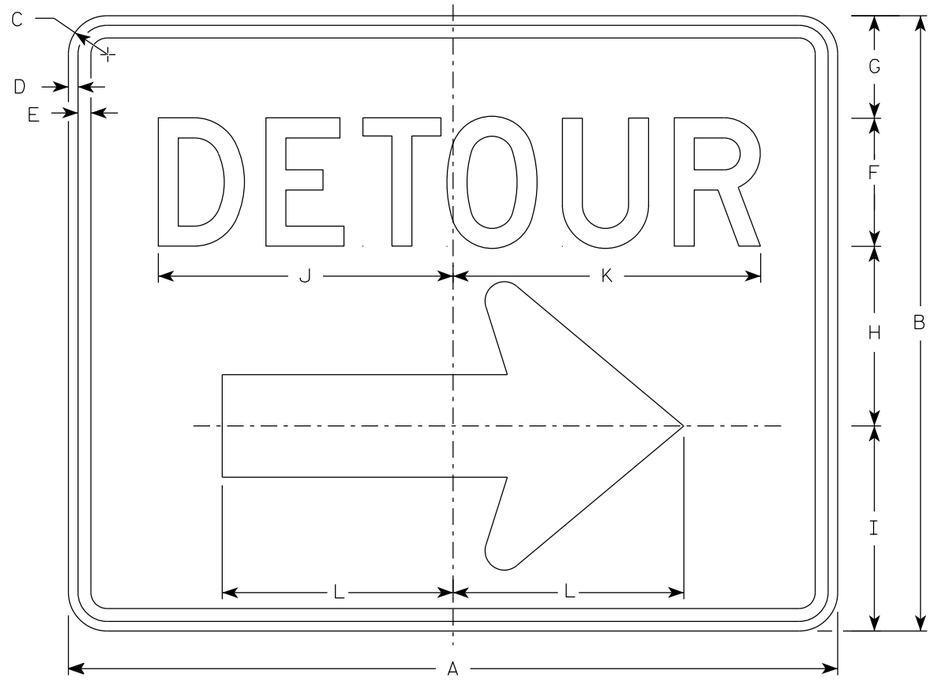
STANDARD SIGN
M4-9B L&R

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
For State Traffic Engineer

DATE 2/9/2023 PLATE NO. M4-9B.4

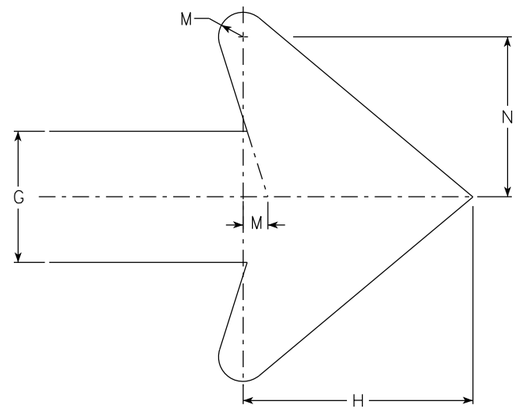
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 213	E



M4-9R

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.
4. M4-9L is the same as M4-9R 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																											
2	30	24	1 1/2	3/8	1/2	5	4	7	8	11 1/2	12	9	3/4	4 7/8													5.00
2M	30	24	1 1/2	3/8	1/2	5	4	7	8	11 1/2	12	9	3/4	4 7/8													5.00
3	30	24	1 1/2	3/8	1/2	5	4	7	8	11 1/2	12	9	3/4	4 7/8													5.00
4	48	36	1 7/8	1/2	5/8	8	6	10 1/2	11 5/8	20 5/8	20 1/2	13 1/4	1 1/8	6 7/8													12.0
5	48	36	1 7/8	1/2	5/8	8	6	10 1/2	11 5/8	20 5/8	20 1/2	13 1/4	1 1/8	6 7/8													12.0

STANDARD SIGN
M4-9 R & L

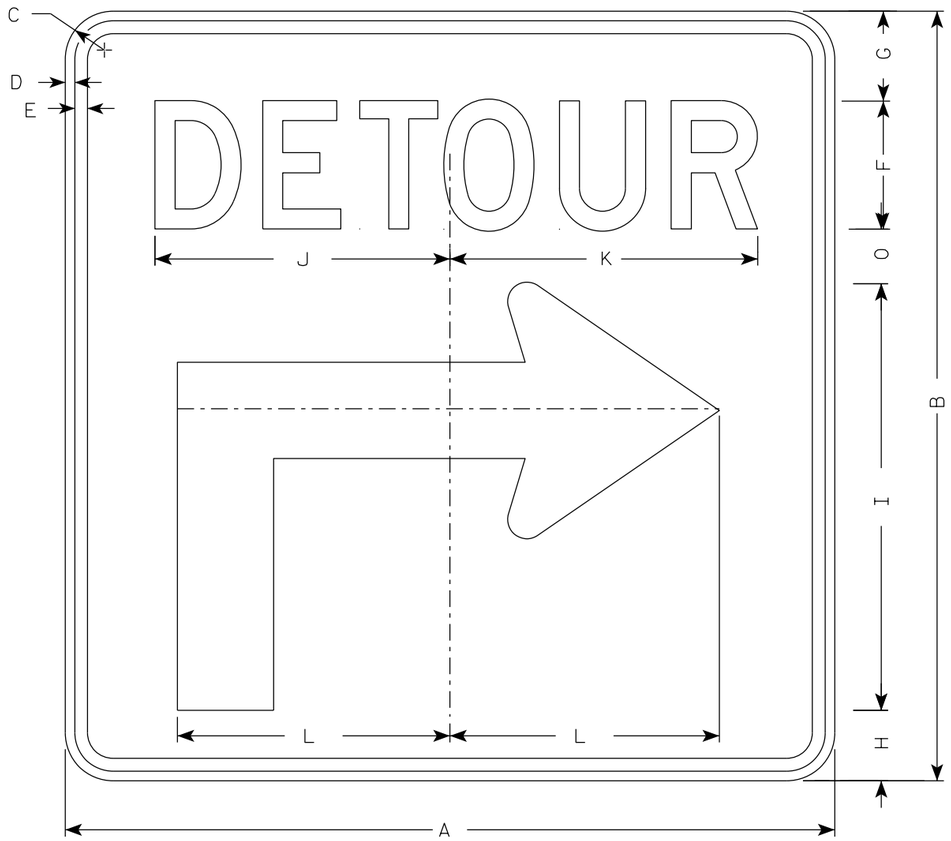
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
For State Traffic Engineer

DATE 2/9/2023 PLATE NO. M4-9R.6

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

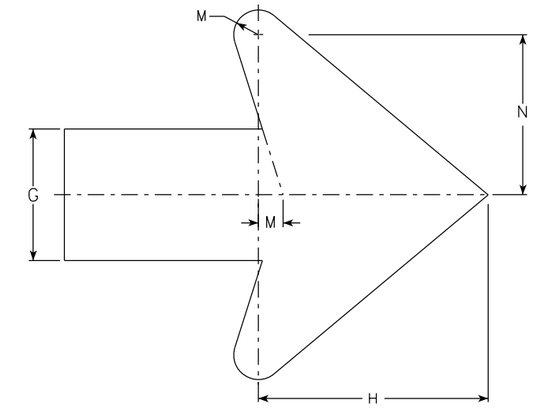
FILE NAME : C:\CAEfiles\Projects\tr_stdplate\M49R.dgn PLOT DATE : 21-MARCH 2023 1:40 PLOT BY : dotc4c PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42



M4-59R

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.
5. M4-59L is the same as M4-59R 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	30	1 7/8	3/8	1/2	5	3 1/2	2 3/4	16 5/8	11 1/2	12	10 1/2	3/4	4 7/8	2 1/8												6.25
2M	30	30	1 7/8	3/8	1/2	5	3 1/2	2 3/4	16 5/8	11 1/2	12	10 1/2	3/4	4 7/8	2 1/8												6.25
3	30	30	1 7/8	3/8	1/2	5	3 1/2	2 3/4	16 5/8	11 1/2	12	10 1/2	3/4	4 7/8	2 1/8												6.25
4	48	48	2 1/4	1/2	5/8	8	5 5/8	4 3/8	26 5/8	20 5/8	20 1/2	17	1 1/8	6 7/8	3 3/8												16.0
5	48	48	2 1/4	1/2	5/8	8	5 5/8	4 3/8	26 5/8	20 5/8	20 1/2	17	1 1/8	6 7/8	3 3/8												16.0

STANDARD SIGN
M4-59 L&R

WISCONSIN DEPT OF TRANSPORTATION

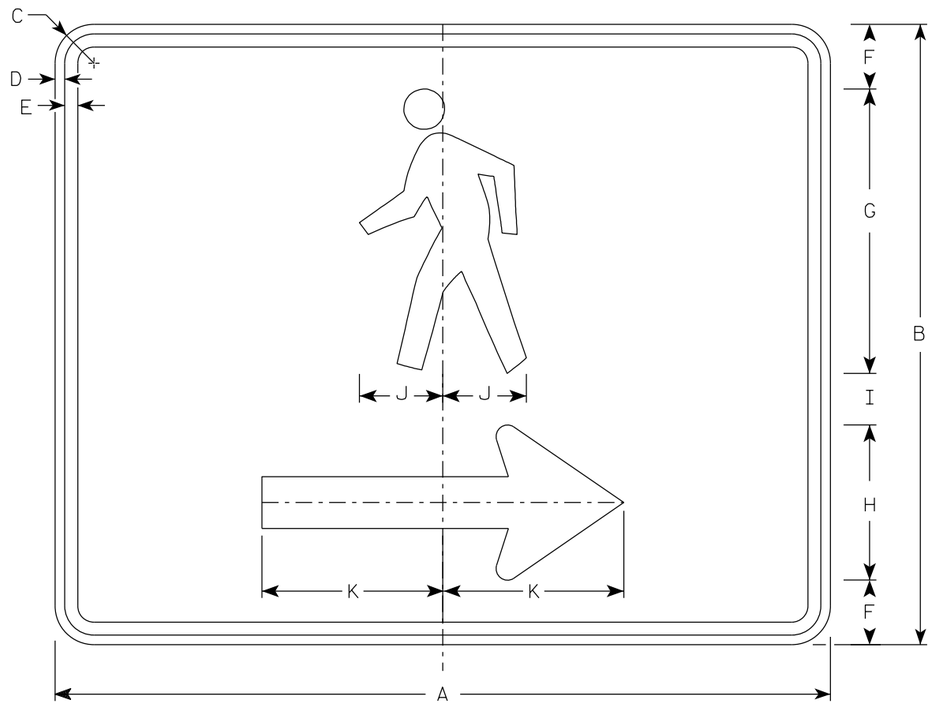
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/13/2023 PLATE NO. M4-59.2

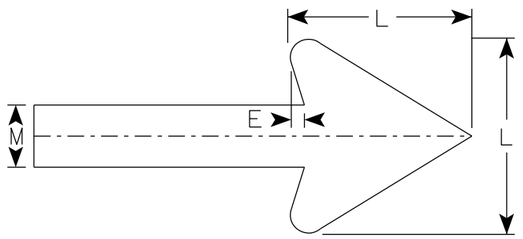
PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

NOTES

1. Sign is Type II- Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. M4-60L is the same as M4-60R except the arrow is reversed.



M4-60R



Arrow Detail

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	30	24	1 ½	⅜	½	2 ½	11	6	2	3 ¼	7	6	2														5.00
2M	30	24	1 ½	⅜	½	2 ½	11	6	2	3 ¼	7	6	2														5.00
3																											
4																											
5																											

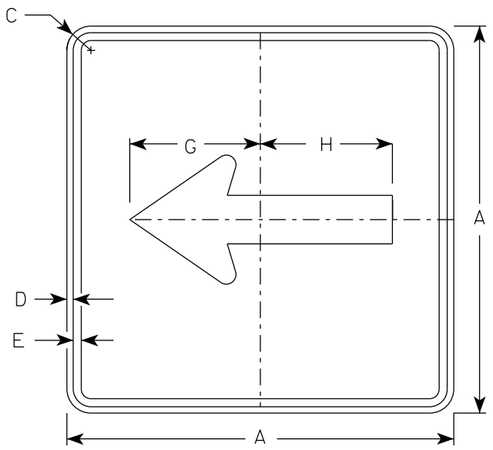
STANDARD SIGN
M4-60 L&R

WISCONSIN DEPT OF TRANSPORTATION

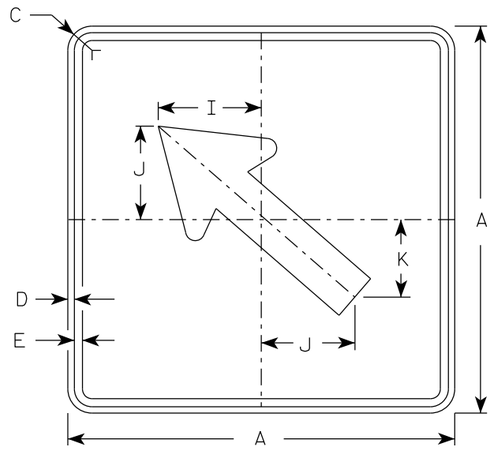
APPROVED Matthew R Rauch
For State Traffic Engineer

DATE 2/14/2023 PLATE NO. M4-60.2

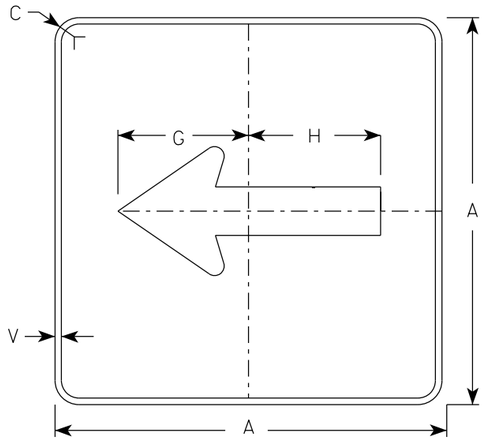
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 216 | E



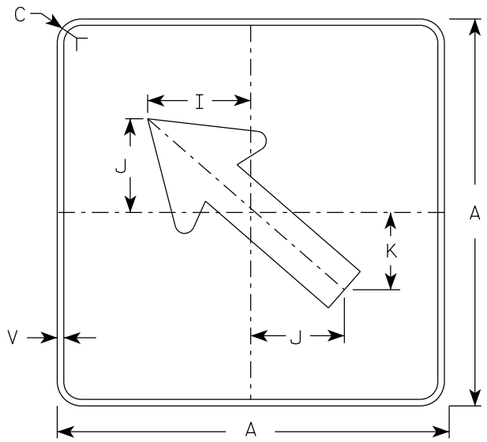
M6-1
MM6-1
MO6-1
MP6-1



M6-2
MM6-2
MO6-2
MP6-2



MB6-1
MK6-1
MN6-1
MR6-1

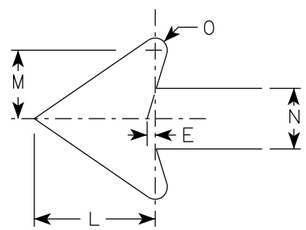


MB6-2
MK6-2
MN6-2
MR6-2

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

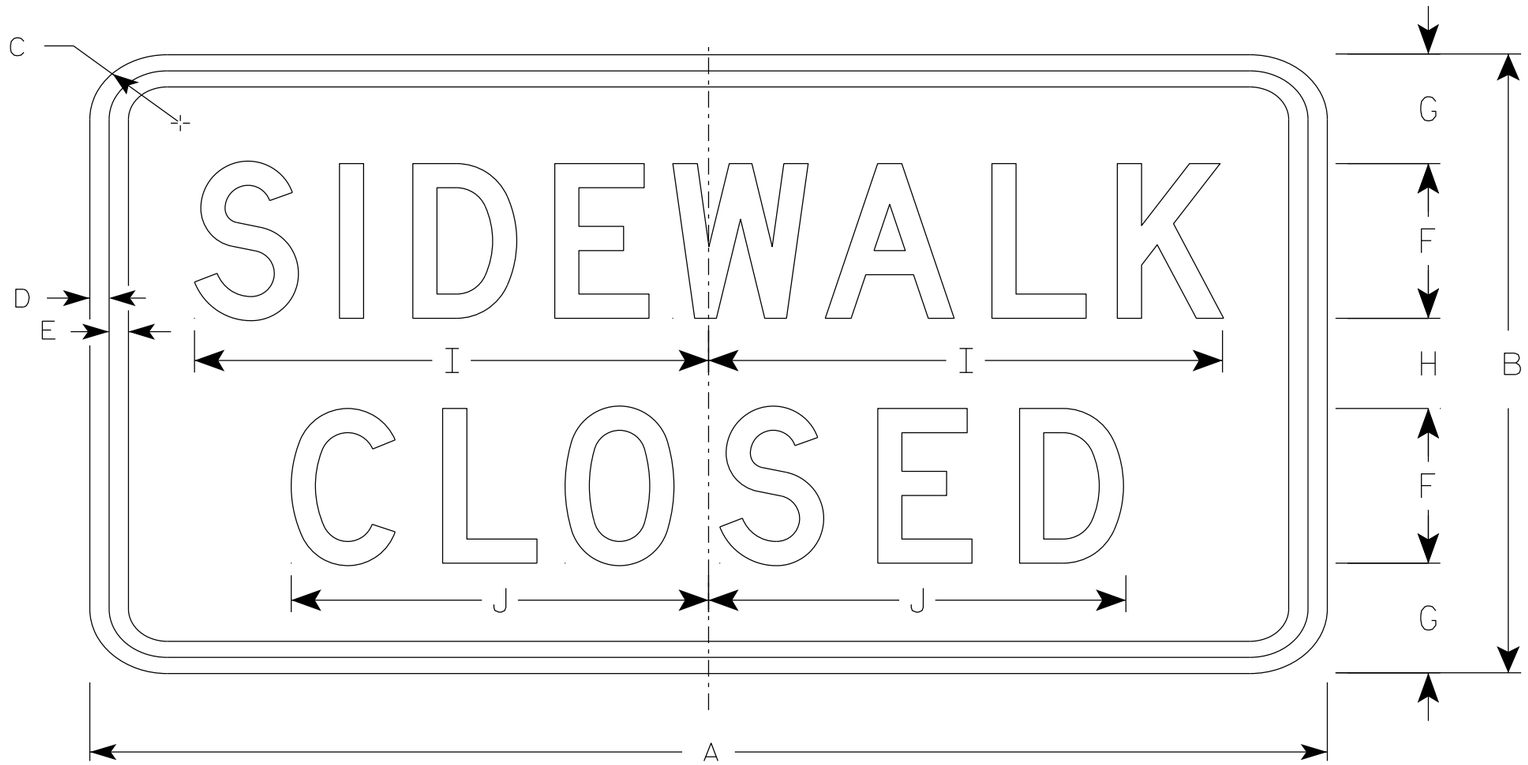
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/13/2023 PLATE NO. M6-1.16

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 217 | E

7

7



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

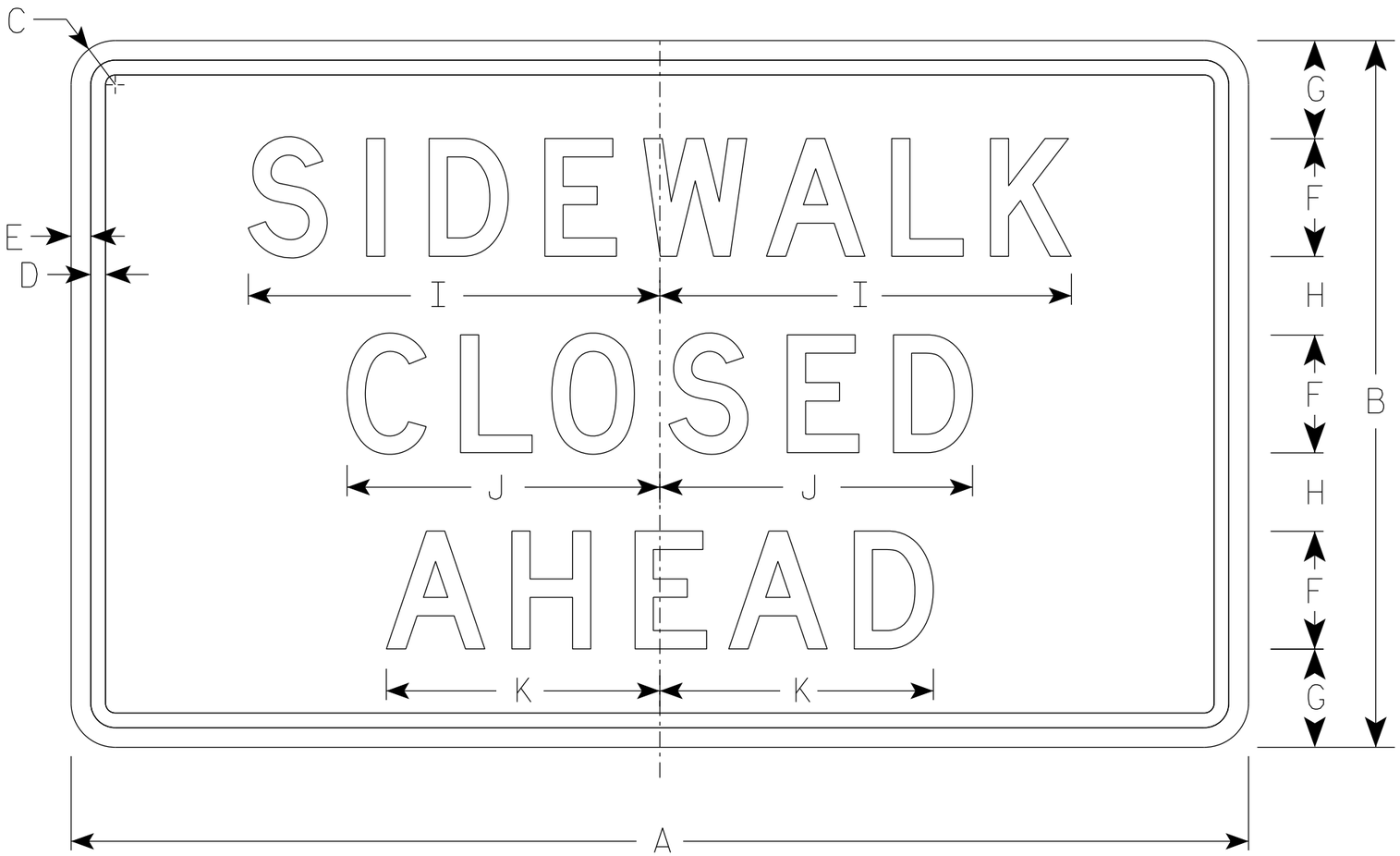
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/24/24 PLATE NO. R9-9.7

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 218 | 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																											

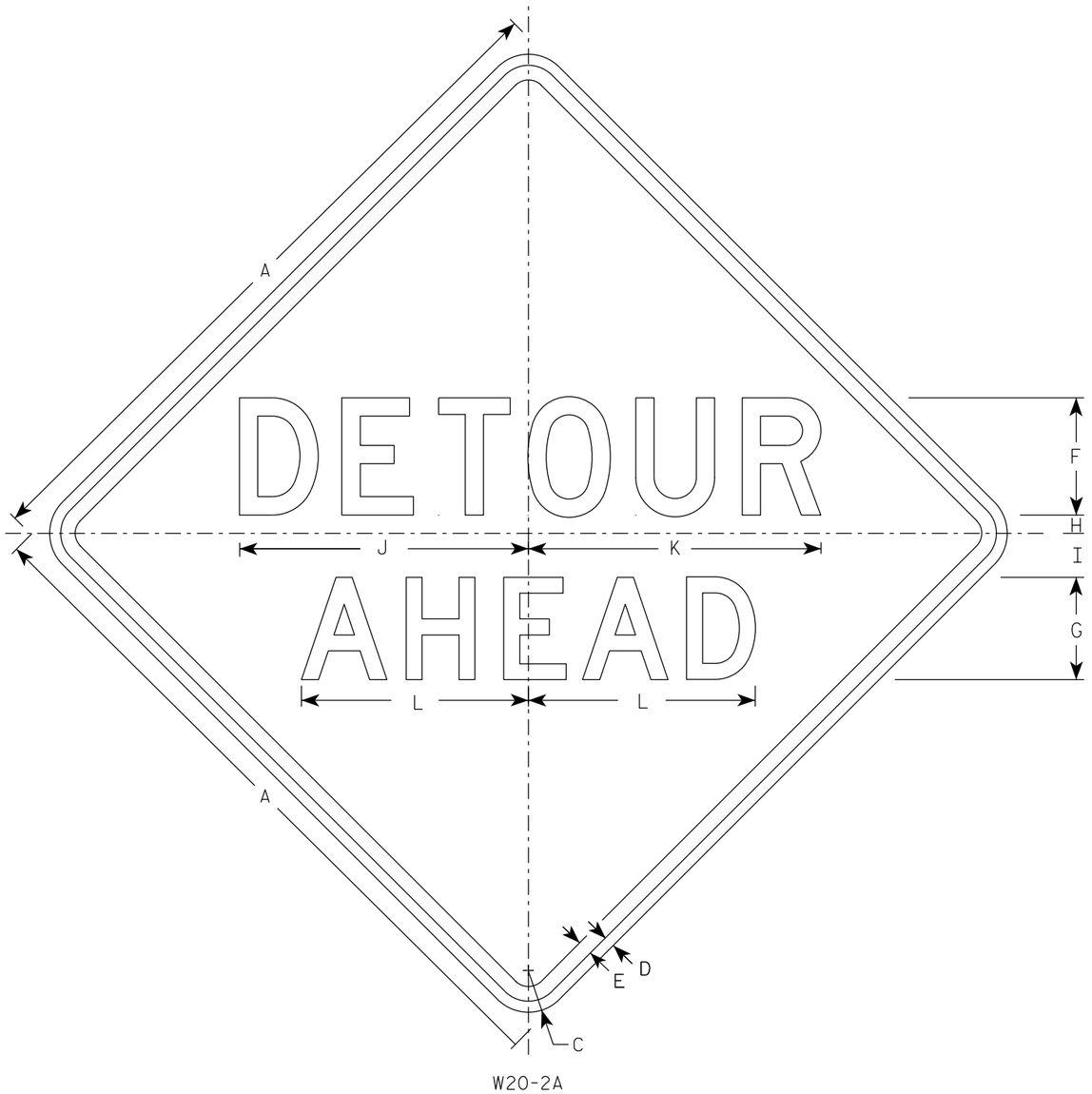
STANDARD SIGN
R9-9A

WISCONSIN DEPT OF TRANSPORTATION

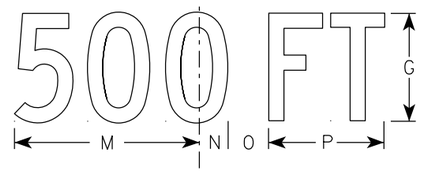
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/24/24 PLATE NO. R9-9A.2

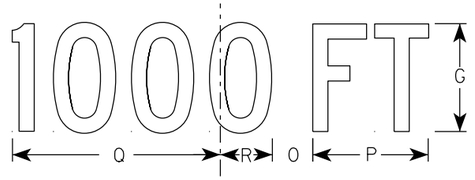
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 219	E



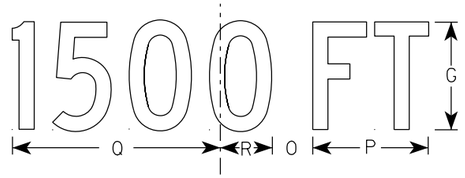
W20-2A



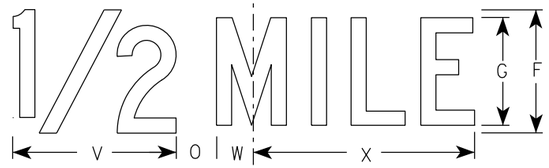
W20-2D



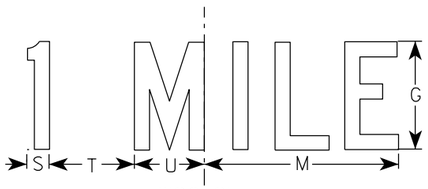
W20-2C



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

DIVISION - NORTHLAWESTREET

STATION	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)		
	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT 1.00	EXPANDED FILL 1.25	MASS ORDINATE
				NOTE 1	NOTE 2	NOTE 3	NOTE 1		NOTE 8
100+50.00	22	4	0	0	0	0	0	0	0
100+75.00	30	4	0	24	4	0	24	0	20
101+00.00	30	4	0	28	4	0	52	0	44
101+25.00	30	4	0	28	4	0	80	0	68
101+30.20	68	4	2	9	1	0	89	0	76
101+50.00	67	27	2	50	12	2	139	3	112
101+75.00	69	27	1	63	25	2	202	5	147
102+00.00	84	27	0	71	25	1	273	6	192
102+25.00	77	27	0	75	25	0	348	6	242
102+50.00	75	27	1	70	25	0	418	6	287
102+75.00	76	27	1	70	25	1	488	8	331
103+00.00	69	25	0	67	25	1	555	9	371
103+25.00	62	24	2	61	23	1	616	10	408
103+50.00	55	23	3	54	22	2	670	13	438
103+75.00	48	22	4	48	21	3	718	16	461
104+00.00	89	19	0	64	19	2	782	19	503
104+25.00	85	34	2	81	25	1	863	20	558
104+50.00	50	22	4	63	26	3	926	24	591
104+75.00	53	22	2	48	20	3	974	28	616
105+00.00	65	22	1	55	20	1	1029	29	649
105+25.00	62	22	0	59	20	0	1088	29	688
105+50.00	67	22	1	59	20	0	1147	29	727
105+75.00	52	22	3	55	20	2	1202	31	760
106+00.00	51	22	3	48	20	3	1250	35	784
106+25.00	48	22	5	46	20	3	1296	39	806
106+50.00	48	22	2	44	20	3	1340	43	827
106+75.00	54	22	2	47	20	2	1387	45	851
107+00.00	42	22	6	45	20	4	1432	50	871
107+25.00	55	22	1	45	20	4	1477	55	891
107+50.00	47	22	4	47	20	2	1524	58	916
107+75.00	56	27	2	48	23	2	1572	60	938
108+00.00	90	19	0	68	21	1	1640	61	984
108+25.00	60	25	3	70	20	1	1710	63	1033
108+50.00	63	22	0	57	22	1	1767	64	1066
108+75.00	61	22	0	58	20	0	1825	64	1104
109+00.00	56	22	2	54	20	1	1879	65	1137
109+25.00	70	22	1	58	20	1	1937	66	1174
109+50.00	52	22	2	57	20	1	1994	68	1210
109+75.00	48	22	2	46	20	2	2040	70	1233
110+00.00	46	22	4	44	20	3	2084	74	1253
110+25.00	48	22	2	44	20	2	2128	76	1275
110+50.00	47	22	2	44	20	2	2172	79	1296
110+75.00	54	24	4	47	21	2	2219	81	1320
111+00.00	98	19	0	70	20	2	2289	84	1367
111+25.00	46	25	11	67	20	5	2356	90	1408
111+50.00	46	22	4	43	22	7	2399	99	1420
111+75.00	47	22	3	43	20	3	2442	103	1440
112+00.00	46	22	3	43	20	3	2485	106	1459
112+25.00	46	22	2	43	20	2	2528	109	1479
112+50.00	64	22	0	51	20	1	2579	110	1509

DIVISION - NORTHLAWESTREET (CONTINUED)

STATION	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)		
	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT	EXPANDED FILL	MASS ORDINATE
				NOTE 1	NOTE 2	NOTE 3	1.00 NOTE 1	1.25	NOTE 8
112+75.00	46	22	2	51	20	1	2630	111	1539
113+00.00	61	23	0	50	21	1	2680	113	1567
113+25.00	55	26	1	54	23	1	2734	114	1596
113+50.00	60	27	0	53	25	1	2787	115	1623
113+75.00	59	29	0	55	26	0	2842	115	1652
114+00.00	77	24	0	63	25	0	2905	115	1690
114+25.00	59	33	4	63	26	2	2968	118	1725
114+50.00	56	27	2	53	28	3	3021	121	1746
114+75.00	54	26	2	51	25	2	3072	124	1769
115+00.00	60	24	1	53	23	2	3125	126	1797
115+25.00	68	22	0	59	21	1	3184	128	1834
115+50.00	57	22	1	58	20	0	3242	128	1872
115+75.00	50	22	2	49	20	1	3291	129	1899
116+00.00	59	22	0	50	20	1	3341	130	1928
116+25.00	51	22	2	51	20	1	3392	131	1958
116+50.00	61	22	1	52	20	1	3444	133	1989
116+75.00	51	22	1	52	20	1	3496	134	2019
117+00.00	60	22	1	51	20	1	3547	135	2049
117+25.00	59	22	1	55	20	1	3602	136	2083
117+50.00	48	22	2	49	20	1	3651	138	2111
117+75.00	58	22	2	49	20	2	3700	140	2137
118+00.00	51	22	3	50	20	2	3750	143	2165
118+25.00	54	22	1	48	20	2	3798	145	2190
118+50.00	61	25	1	53	22	1	3851	146	2220
118+75.00	70	27	0	61	24	1	3912	148	2256
119+00.00	69	27	1	64	25	0	3976	148	2295
119+25.00	83	44	0	70	33	0	4046	148	2332
119+50.00	88	24	0	79	31	0	4125	148	2380
119+75.00	64	27	1	70	24	1	4195	149	2424
120+00.00	61	28	1	58	25	1	4253	150	2456
120+25.00	63	25	0	57	24	1	4310	151	2488
120+50.00	52	23	3	53	22	2	4363	154	2516
120+75.00	53	22	2	49	21	2	4412	156	2542
121+00.00	56	22	1	51	20	2	4463	159	2570
121+25.00	61	22	0	54	20	1	4517	160	2603
121+50.00	59	22	2	55	20	1	4572	161	2637
121+75.00	61	22	2	55	20	2	4627	164	2669
122+00.00	57	22	2	54	20	2	4681	166	2701
122+25.00	52	22	4	50	20	3	4731	170	2727
122+50.00	98	19	0	70	19	2	4801	173	2776
122+75.00	82	32	1	83	24	0	4884	173	2835
123+00.00	60	22	1	66	25	1	4950	174	2874
123+25.00	63	22	0	57	20	1	5007	175	2910
123+50.00	63	22	0	58	20	0	5065	175	2948
123+75.00	62	22	1	58	20	0	5123	175	2986
124+00.00	61	22	1	57	20	1	5180	176	3022
124+25.00	60	22	1	56	20	1	5236	178	3057
124+50.00	58	22	1	54	20	1	5290	179	3089
124+75.00	59	22	2	54	20	1	5344	180	3122
125+00.00	68	22	0	59	20	1	5403	181	3160

DIVISION - NORTHLAWESTREET (CONTINUED)

STATION	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)		
	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT 1.00	EXPANDED FILL 1.25	MASS ORDINATE
				NOTE 1	NOTE 2	NOTE 3	NOTE 1		NOTE 8
125+25.00	71	22	4	64	20	2	5467	184	3201
125+50.00	93	19	0	76	19	2	5543	186	3256
125+75.00	95	44	0	87	29	0	5630	186	3314
126+00.00	57	22	1	70	31	0	5700	186	3353
126+25.00	60	22	0	54	20	0	5754	186	3387
126+50.00	59	22	0	55	20	0	5809	186	3422
126+75.00	61	22	0	56	20	0	5865	186	3458
127+00.00	71	22	0	61	20	0	5926	186	3499
127+25.00	61	22	0	61	20	0	5987	186	3540
127+50.00	60	22	0	56	20	0	6043	186	3576
127+75.00	61	22	0	56	20	0	6099	186	3612
128+00.00	60	22	0	56	20	0	6155	186	3648
128+25.00	60	22	0	56	20	0	6211	186	3684
128+50.00	70	22	0	60	20	0	6271	186	3724
128+75.00	67	22	0	63	20	0	6334	186	3767
129+00.00	72	22	0	64	20	0	6398	186	3811
129+25.00	83	22	0	72	20	0	6470	186	3863
129+50.00	65	22	2	68	20	1	6538	188	3910
129+75.00	49	22	5	53	20	3	6591	191	3939
130+00.00	24	22	12	34	20	8	6625	201	3943
130+25.00	18	22	16	19	20	13	6644	218	3926
130+50.00	42	22	10	28	20	12	6672	233	3919
130+75.00	88	31	5	60	25	7	6732	241	3945
131+00.00	77	28	24	76	28	14	6808	259	3975
131+25.00	45	22	12	57	23	17	6865	280	3988
131+50.00	25	22	8	32	20	9	6897	291	3989
131+75.00	50	22	4	35	20	5	6932	298	3998
132+00.00	55	22	2	48	20	2	6980	300	4023
132+25.00	73	22	0	59	20	1	7039	301	4061
132+50.00	80	22	0	71	20	0	7110	301	4112
132+75.00	67	22	0	68	20	0	7178	301	4160
133+00.00	79	22	0	68	20	0	7246	301	4208
133+25.00	73	22	0	70	20	0	7316	301	4258
133+50.00	74	22	0	68	20	0	7384	301	4306
133+75.00	73	22	0	68	20	0	7452	301	4354
134+00.00	78	22	0	70	20	0	7522	301	4404
134+25.00	70	22	0	68	20	0	7590	301	4452
134+50.00	81	29	1	70	24	0	7660	301	4498
134+75.00	74	22	3	72	23	2	7732	304	4544
134+99.90	58	22	1	61	20	2	7793	306	4583
				7,793	2,904	245			

DIVISION - EASTWASHINGTONSTREET

STATION	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)		
	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT 1.00	EXPANDED FILL 1.25	MASS ORDINATE
				NOTE 1	NOTE 2	NOTE 3	NOTE 1		NOTE 8
19+54.00	52	22	0	0	0	0	0	0	0
19+65.00	54	22	2	22	9	0	22	0	13
20+35.00	46	21	5	0	0	0	22	0	13
20+46.38	46	20	0	19	9	1	41	1	22
				41	18	1			

DIVISION - EASTFRANKLINSTREET

STATION	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)		
	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT 1.00	EXPANDED FILL 1.25	MASS ORDINATE
				NOTE 1	NOTE 2	NOTE 3	NOTE 1		NOTE 8
29+55.52	41	25	1	0	0	0	0	0	0
29+65.00	59	25	3	18	9	1	18	1	8
30+35.00	57	23	1	0	0	0	18	1	8
30+39.81	61	23	0	11	4	0	29	1	15
				29	13	1			

DIVISION - EASTELDORADOSTREET

STATION	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)		
	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT 1.00	EXPANDED FILL 1.25	MASS ORDINATE
				NOTE 1	NOTE 2	NOTE 3	NOTE 1		NOTE 8
39+53.69	51	23	0	0	0	0	0	0	0
39+65.00	57	23	2	23	10	1	23	1	12
40+35.00	50	20	4	0	0	0	23	1	12
40+46.51	50	20	1	21	9	1	44	3	23
				44	19	2			

DIVISION - EASTNORTHSTREET

STATION	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)		
	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT 1.00	EXPANDED FILL 1.25	MASS ORDINATE
				NOTE 1	NOTE 2	NOTE 3	NOTE 1		NOTE 8
49+51.00	65	23	0	0	0	0	0	0	0
49+65.00	59	23	0	32	12	0	32	0	20
50+35.00	42	23	7	0	0	0	32	0	20
50+54.95	52	23	0	35	17	3	67	4	34
				67	29	3			

DIVISION - EASTPACIFICSTREET

STATION	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)		
	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT 1.00	EXPANDED FILL 1.25	MASS ORDINATE
				NOTE 1	NOTE 2	NOTE 3	NOTE 1		NOTE 8
59+45.40	57	20	0	0	0	0	0	0	0
59+50.00	57	20	0	10	3	0	10	0	7
59+65.00	52	20	2	30	11	0	40	0	26
60+35.00	51	22	6	0	0	0	40	0	26
60+50.00	48	21	3	28	12	2	68	3	40
60+65.79	62	28	0	32	14	1	100	4	56
				100	40	3			

DIVISION - EASTATLANTICSTREET

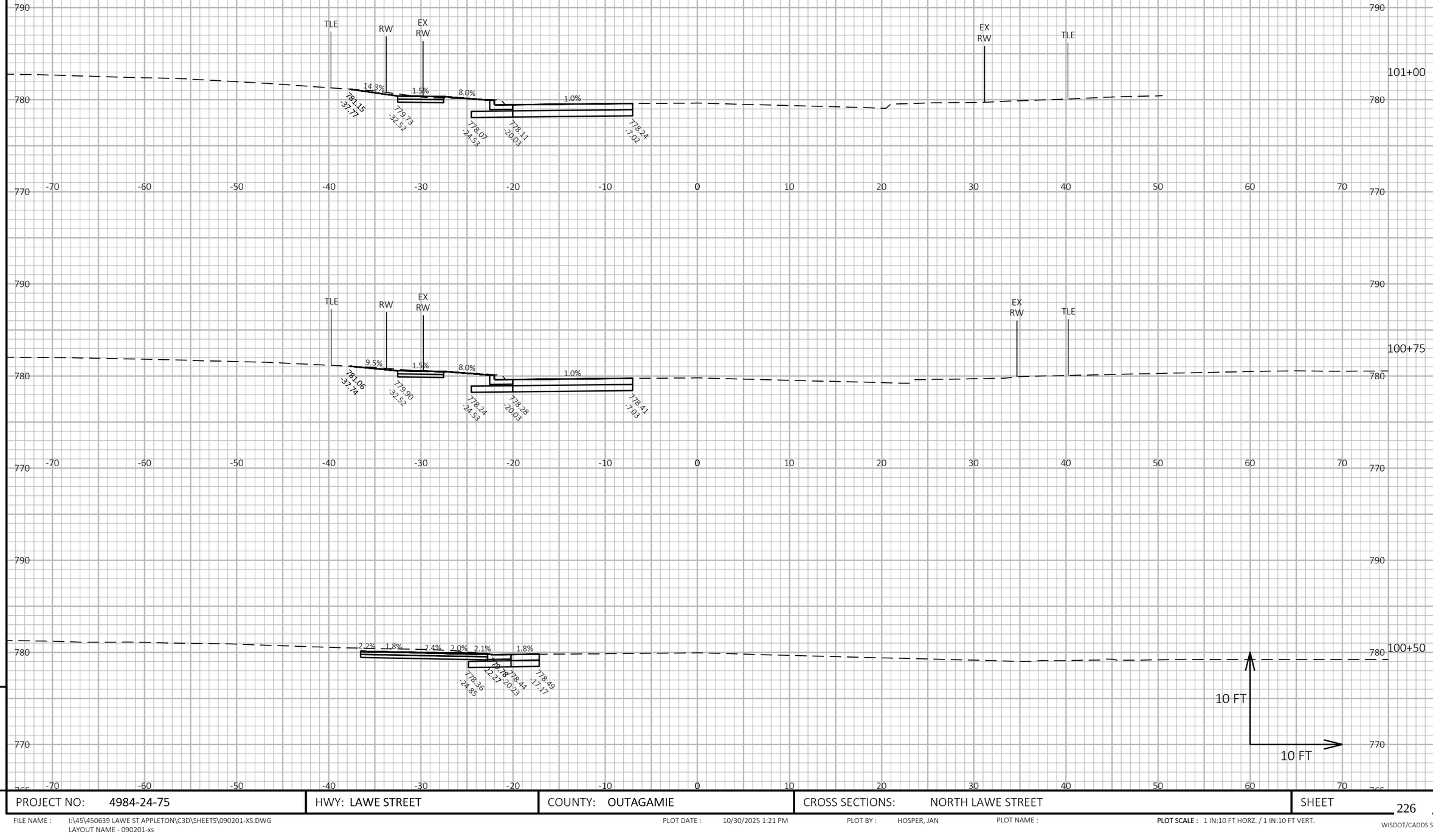
STATION	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)		
	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT 1.00	EXPANDED FILL 1.25	MASS ORDINATE
				NOTE 1	NOTE 2	NOTE 3	NOTE 1		NOTE 8
69+40.10	50	21	0	0	0	0	0	0	0
69+50.00	57	21	0	20	8	0	20	0	12
69+65.00	55	21	2	31	12	1	51	1	30
70+35.00	58	23	1	0	0	0	51	1	30
70+50.00	57	23	0	32	13	0	83	1	49
70+59.89	52	23	0	20	8	0	103	1	61
				103	41	1			

DIVISION - EASTHANCOCKSTREET

STATION	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)		
	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT 1.00	EXPANDED FILL 1.25	MASS ORDINATE
				NOTE 1	NOTE 2	NOTE 3	NOTE 1		NOTE 8
79+50.09	56	23	0	0	0	0	0	0	0
79+65.00	56	23	3	31	13	1	31	1	17
80+35.00	66	27	3	0	0	0	31	1	17
80+50.00	57	27	0	34	15	1	65	3	35
80+53.42	61	23	0	7	3	0	72	3	39
80+72.53	24	23	0	30	16	0	102	3	53
				102	47	2			

DIVISION - EASTSPRINGSTREET

STATION	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)		
	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT 1.00	EXPANDED FILL 1.25	MASS ORDINATE
				NOTE 1	NOTE 2	NOTE 3	NOTE 1		NOTE 8
89+50.15	75.29	25.00	0.00	0	0	0	0	0	0
89+65.00	64.57	25.00	1.00	38	14	0	38	0	24
				38	14	0			



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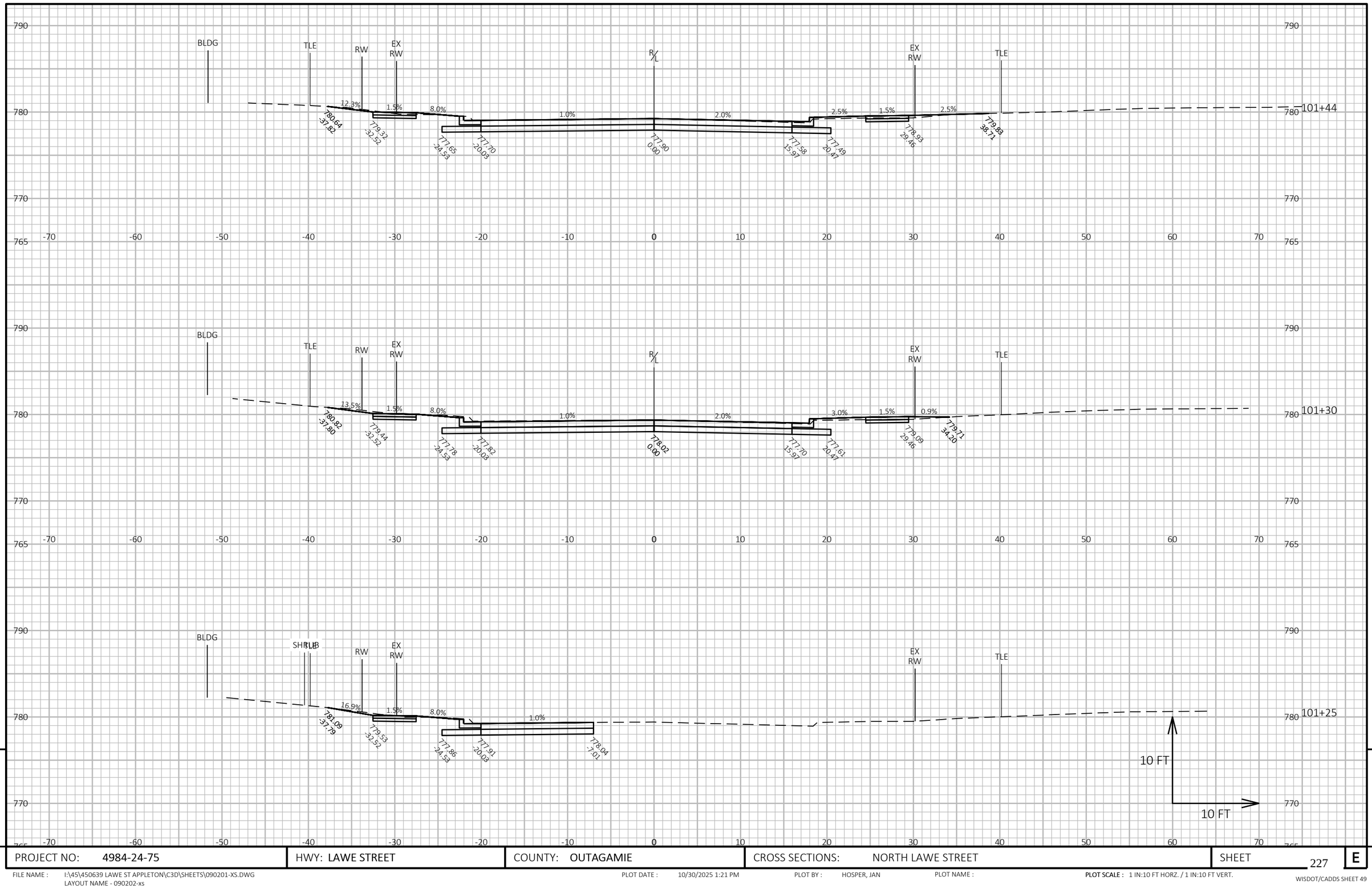
PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	CROSS SECTIONS: NORTH LAWE STREET	SHEET 226	E

FILE NAME : I:\45\450639 LAWE ST APPLETON\C3D\SHEETS\090201-XS.DWG
LAYOUT NAME - 090201-xs

PLOT DATE : 10/30/2025 1:21 PM PLOT BY : HOSPER, JAN PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

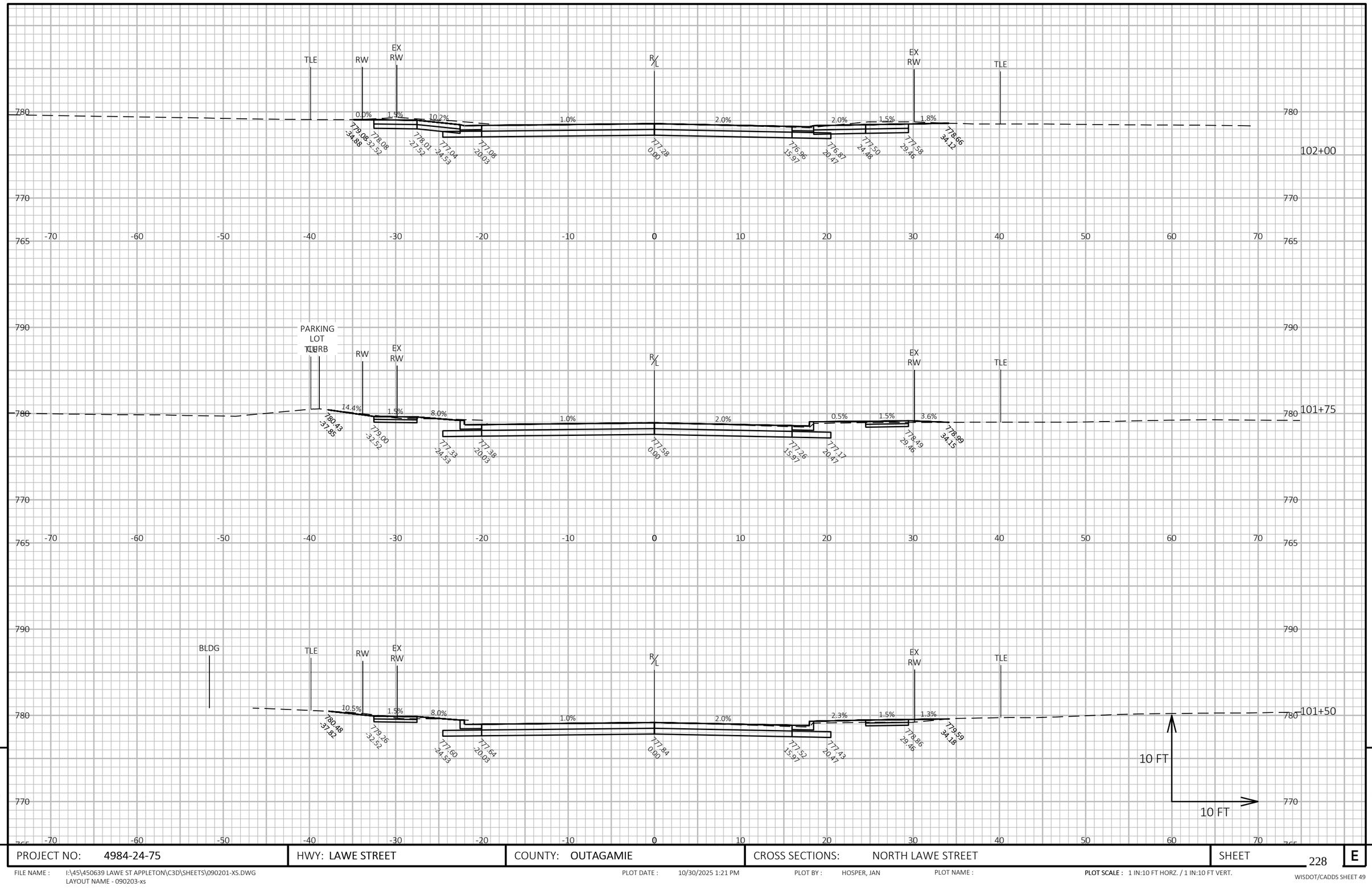


PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	CROSS SECTIONS: NORTH LAWE STREET	SHEET 227	E

FILE NAME : I:\45\450639 LAWE ST APPLETON\C3D\SHEETS\090201-XS.DWG
LAYOUT NAME - 090202-xs

PLOT DATE : 10/30/2025 1:21 PM PLOT BY : HOSPER, JAN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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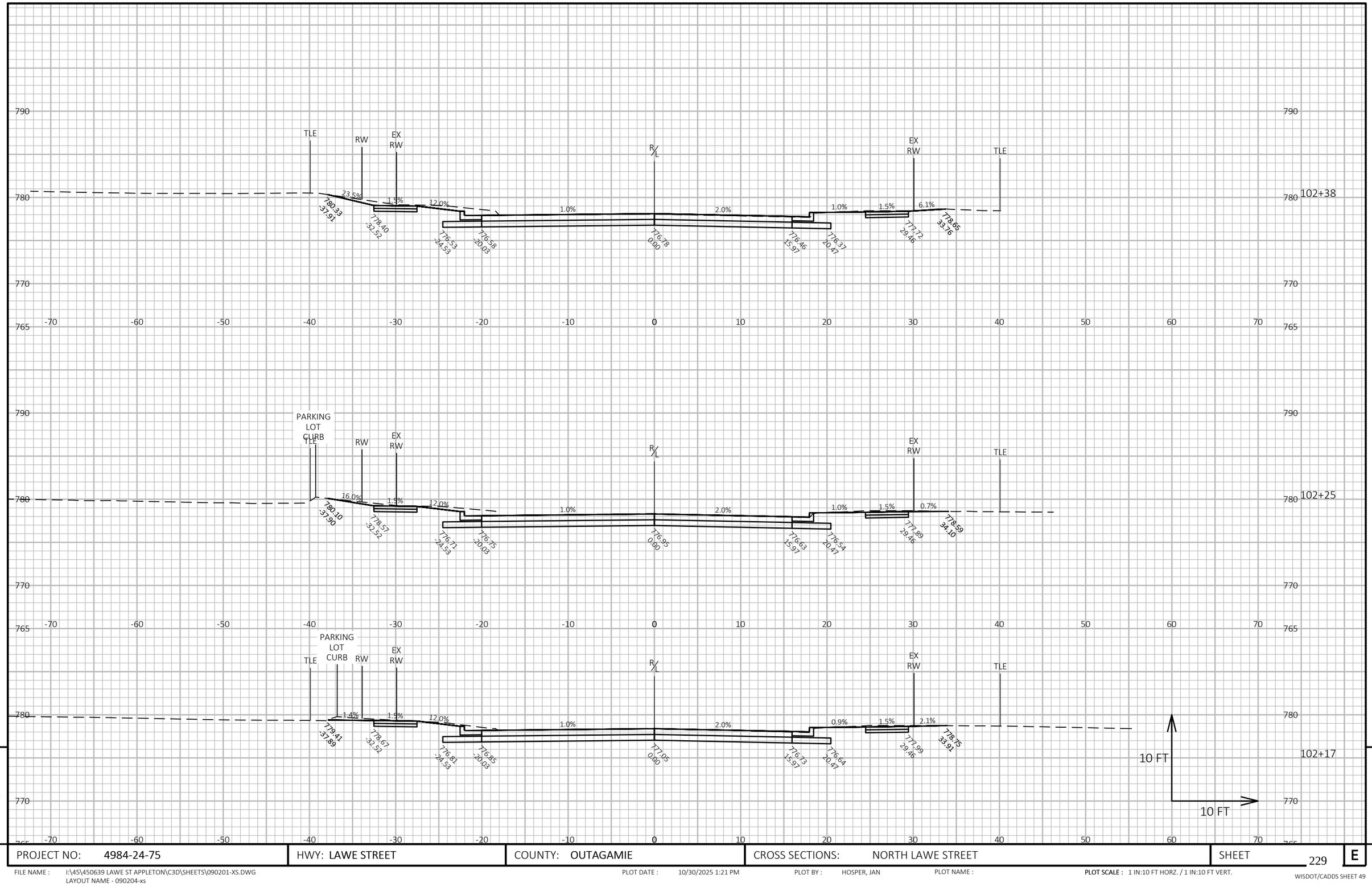
PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	CROSS SECTIONS: NORTH LAWE STREET	SHEET 228	E

FILE NAME : I:\45\450639 LAWE ST APPLETON\C3D\SHEETS\090201-XS.DWG
LAYOUT NAME - 090203-xs

PLOT DATE : 10/30/2025 1:21 PM PLOT BY : HOSPER, JAN PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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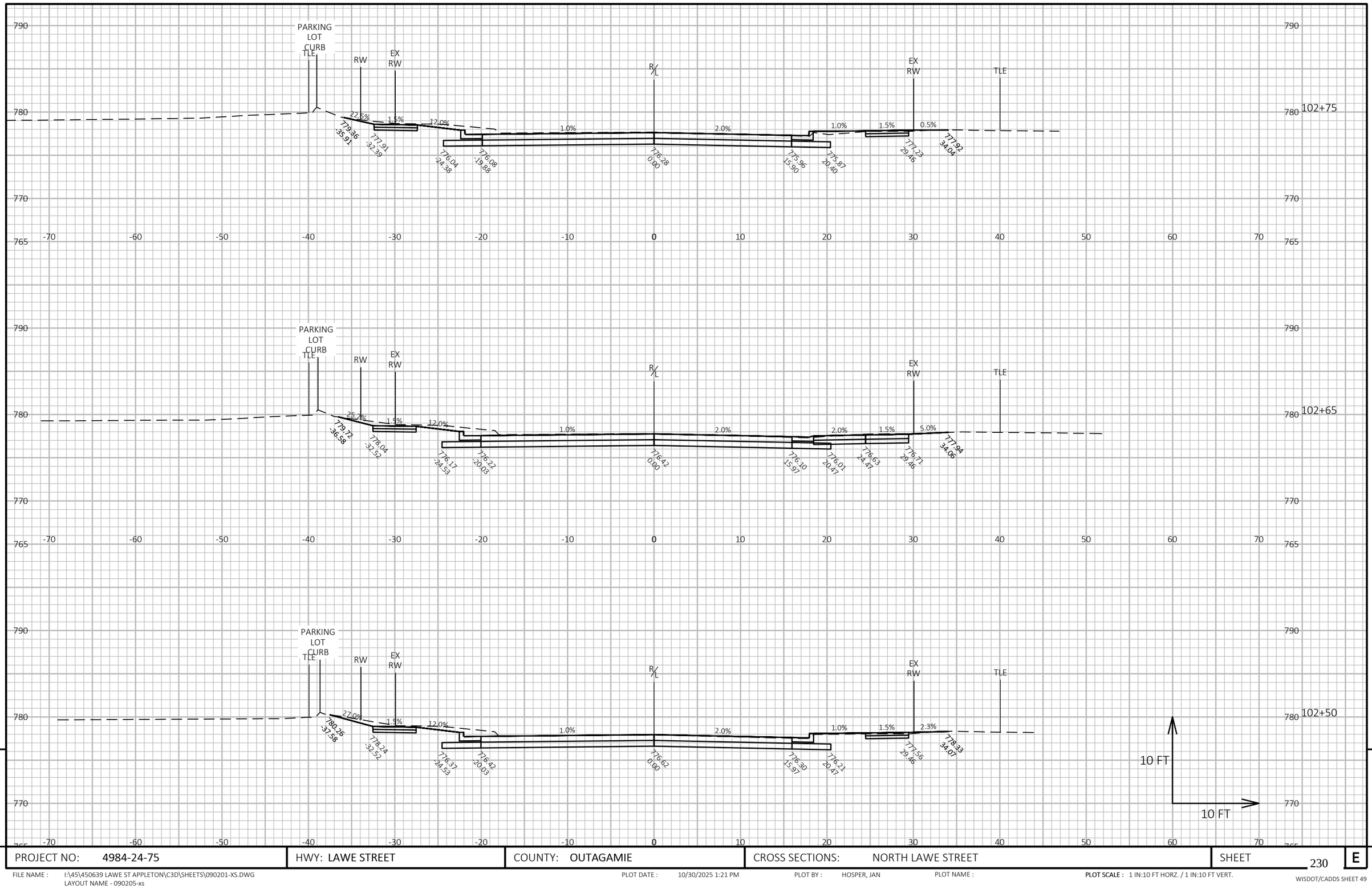
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PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	CROSS SECTIONS: NORTH LAWE STREET	SHEET 229	E

FILE NAME : I:\45\450639 LAWE ST APPLETON\C3D\SHEETS\090201-XS.DWG
LAYOUT NAME - 090204-xs

PLOT DATE : 10/30/2025 1:21 PM PLOT BY : HOSPER, JAN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	CROSS SECTIONS: NORTH LAWE STREET	SHEET 230	E

FILE NAME : I:\45\450639 LAWE ST APPLETON\C3D\SHEETS\090201-XS.DWG
LAYOUT NAME - 090205-xs

PLOT DATE : 10/30/2025 1:21 PM

PLOT BY : HOSPER, JAN

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

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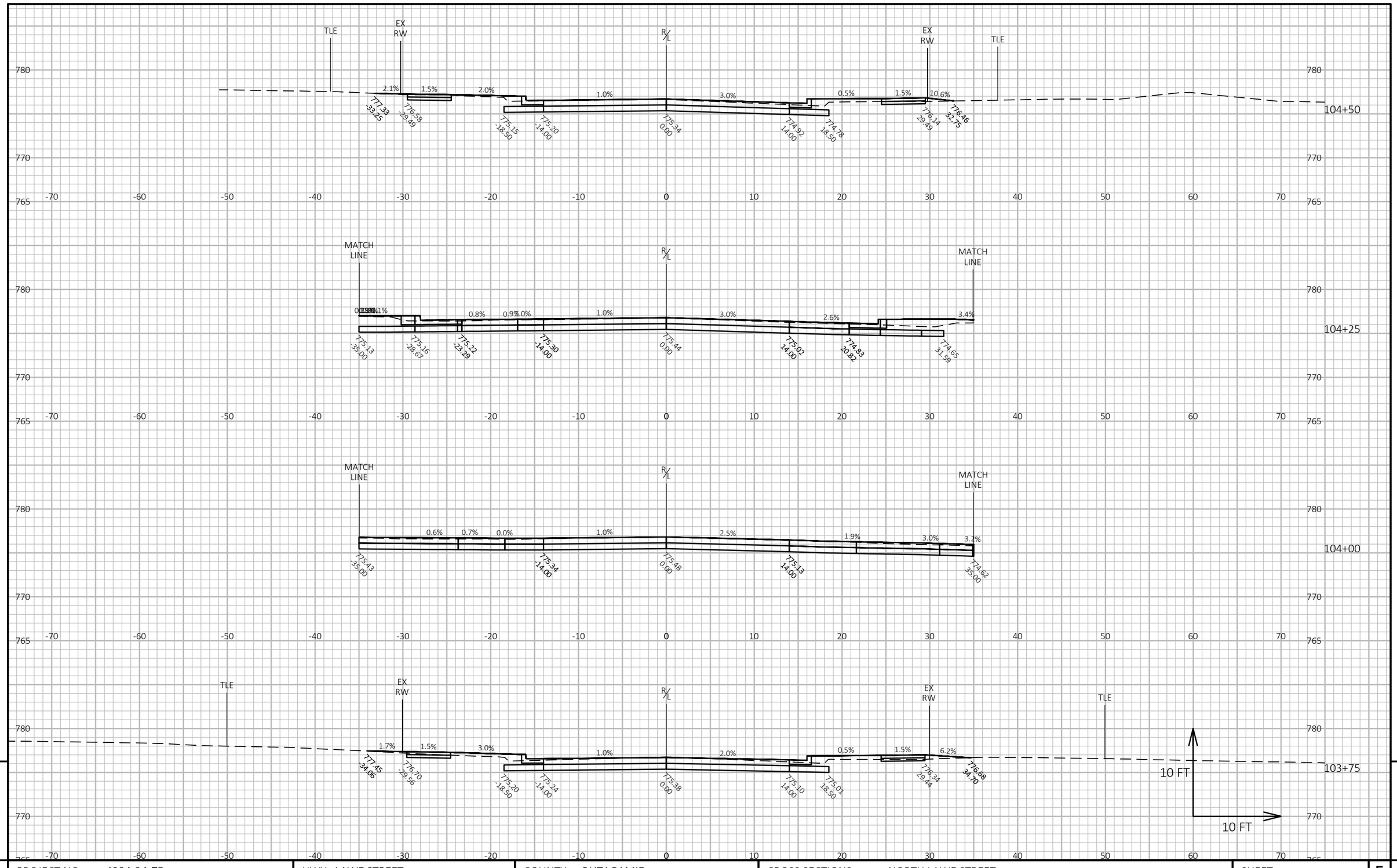
PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	CROSS SECTIONS: NORTH LAWE STREET	SHEET 231	E

FILE NAME : I:\45\450639 LAWE ST APPLETON\C3D\SHEETS\090201-XS.DWG
LAYOUT NAME - 090206-xs

PLOT DATE : 10/30/2025 1:21 PM PLOT BY : HOSPER, JAN PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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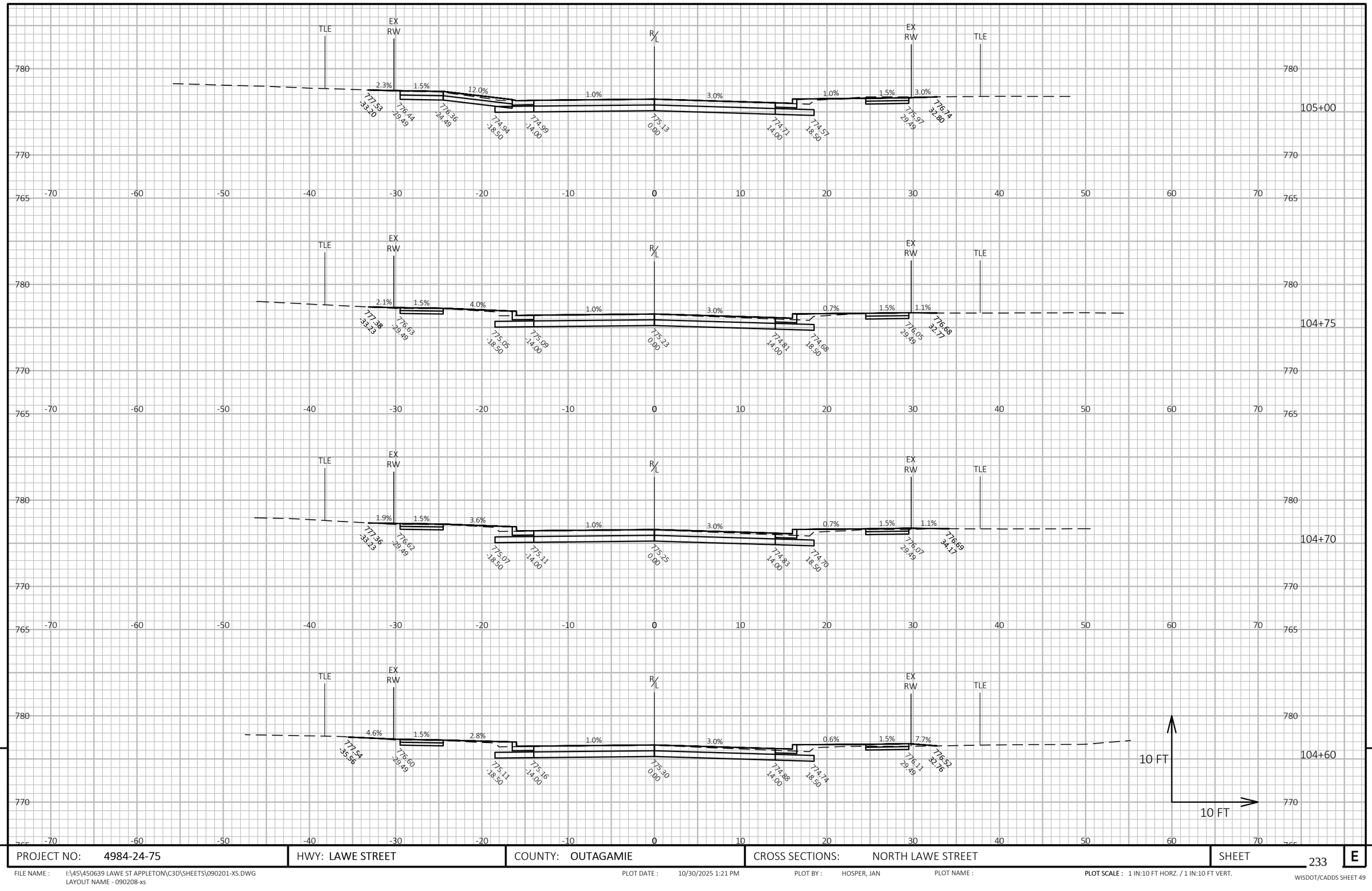
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PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	CROSS SECTIONS: NORTH LAWE STREET	SHEET 232	E

FILE NAME : I:\45\450639 LAWE ST APPLETON\C3D\SHEETS\090201-XS.DWG
LAYOUT NAME - 090207-xs

PLOT DATE : 10/30/2025 1:21 PM PLOT BY : HOSPER, JAN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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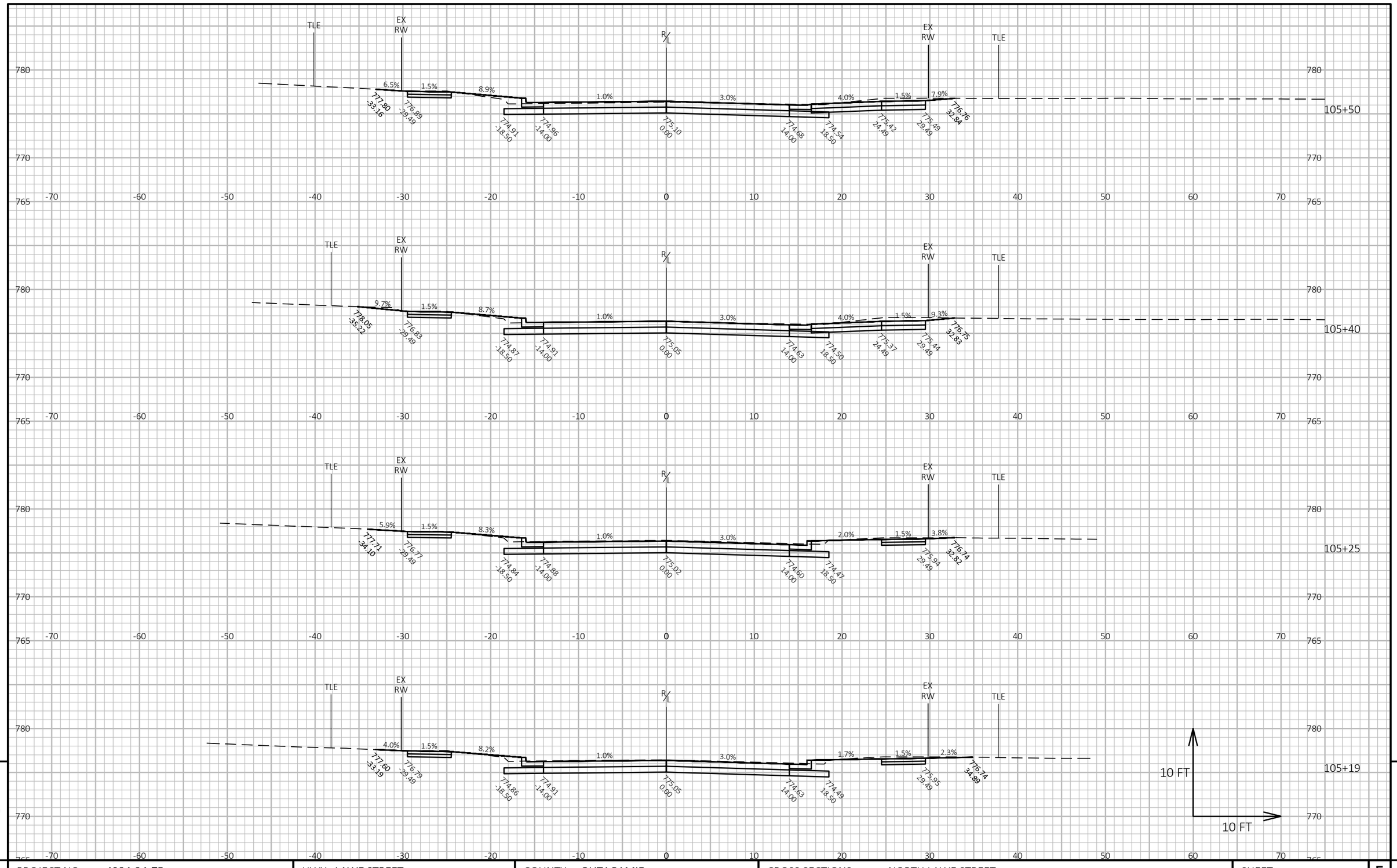
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PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	CROSS SECTIONS: NORTH LAWE STREET	SHEET 233	E

FILE NAME : I:\45\450639 LAWE ST APPLETON\C3D\SHEETS\090201-XS.DWG
LAYOUT NAME - 090208-xs

PLOT DATE : 10/30/2025 1:21 PM PLOT BY : HOSPER, JAN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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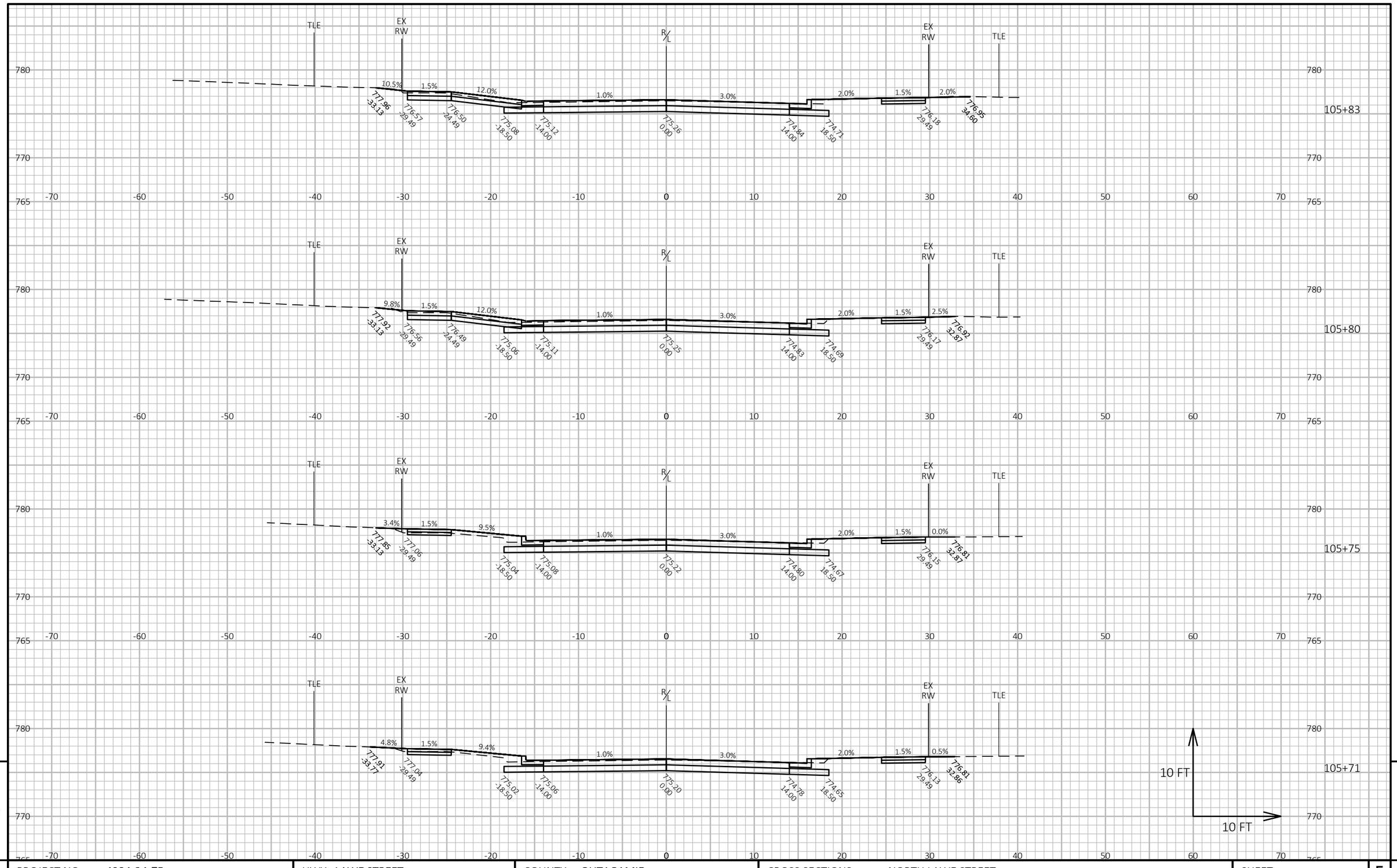
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PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	CROSS SECTIONS: NORTH LAWE STREET	SHEET 234	E

FILE NAME : I:\45\450639 LAWE ST APPLETON\C3D\SHEETS\090201-XS.DWG
LAYOUT NAME - 090209-xs

PLOT DATE : 10/30/2025 1:22 PM PLOT BY : HOSPER, JAN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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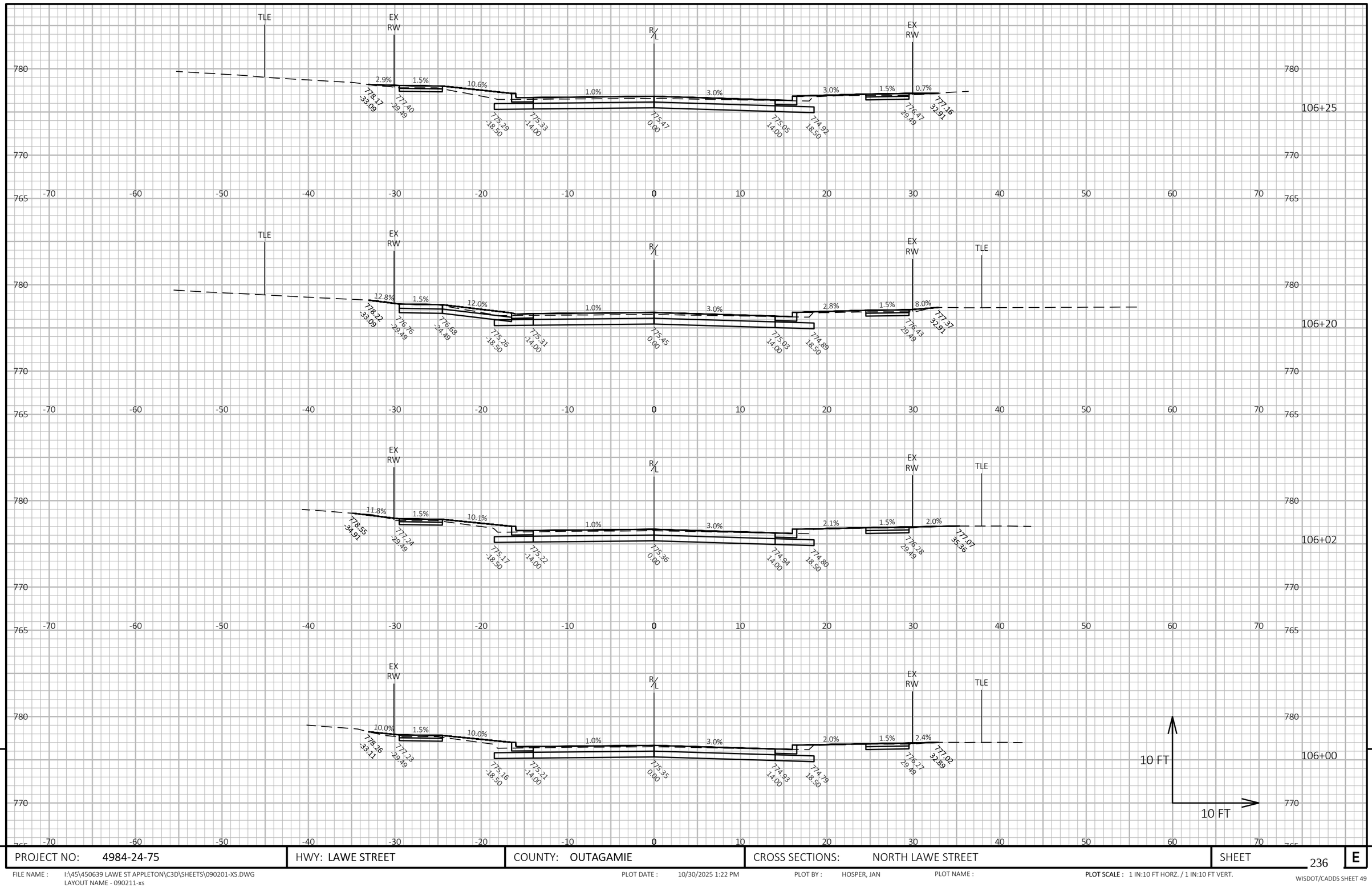
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PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	CROSS SECTIONS: NORTH LAWE STREET	SHEET 235	E

FILE NAME : I:\45\450639 LAWE ST APPLETON\C3D\SHEETS\090201-XS.DWG
LAYOUT NAME - 090210-xs

PLOT DATE : 10/30/2025 1:22 PM PLOT BY : HOSPER, JAN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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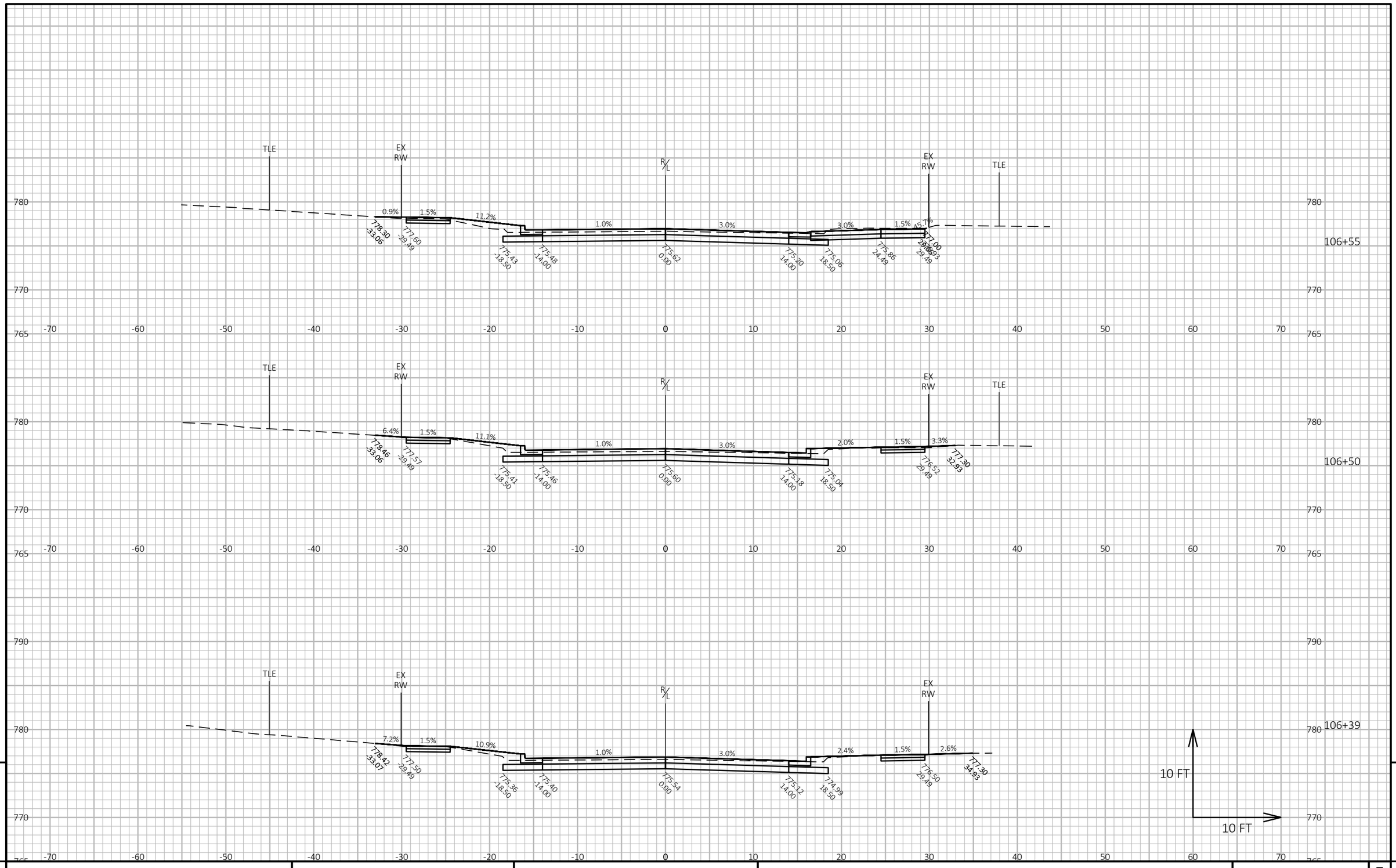
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PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	CROSS SECTIONS: NORTH LAWE STREET	SHEET 236	E

FILE NAME : I:\45\450639 LAWE ST APPLETON\C3D\SHEETS\090201-XS.DWG
LAYOUT NAME - 090211-xs

PLOT DATE : 10/30/2025 1:22 PM PLOT BY : HOSPER, JAN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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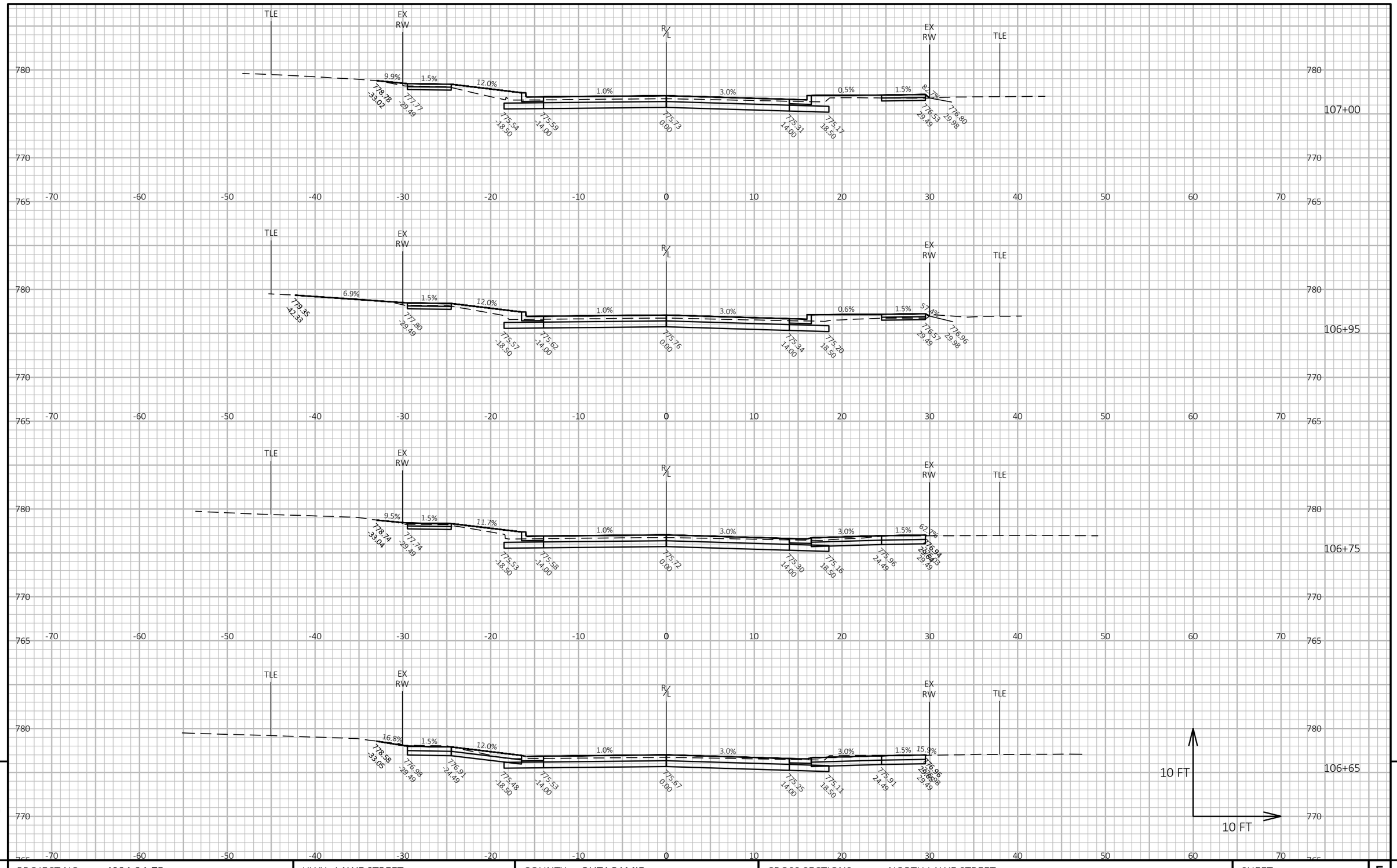
PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	CROSS SECTIONS: NORTH LAWE STREET	SHEET 237	E

FILE NAME : I:\45\450639 LAWE ST APPLETON\C3D\SHEETS\090201-XS.DWG
LAYOUT NAME - 090212-xs

PLOT DATE : 10/30/2025 1:22 PM PLOT BY : HOSPER, JAN PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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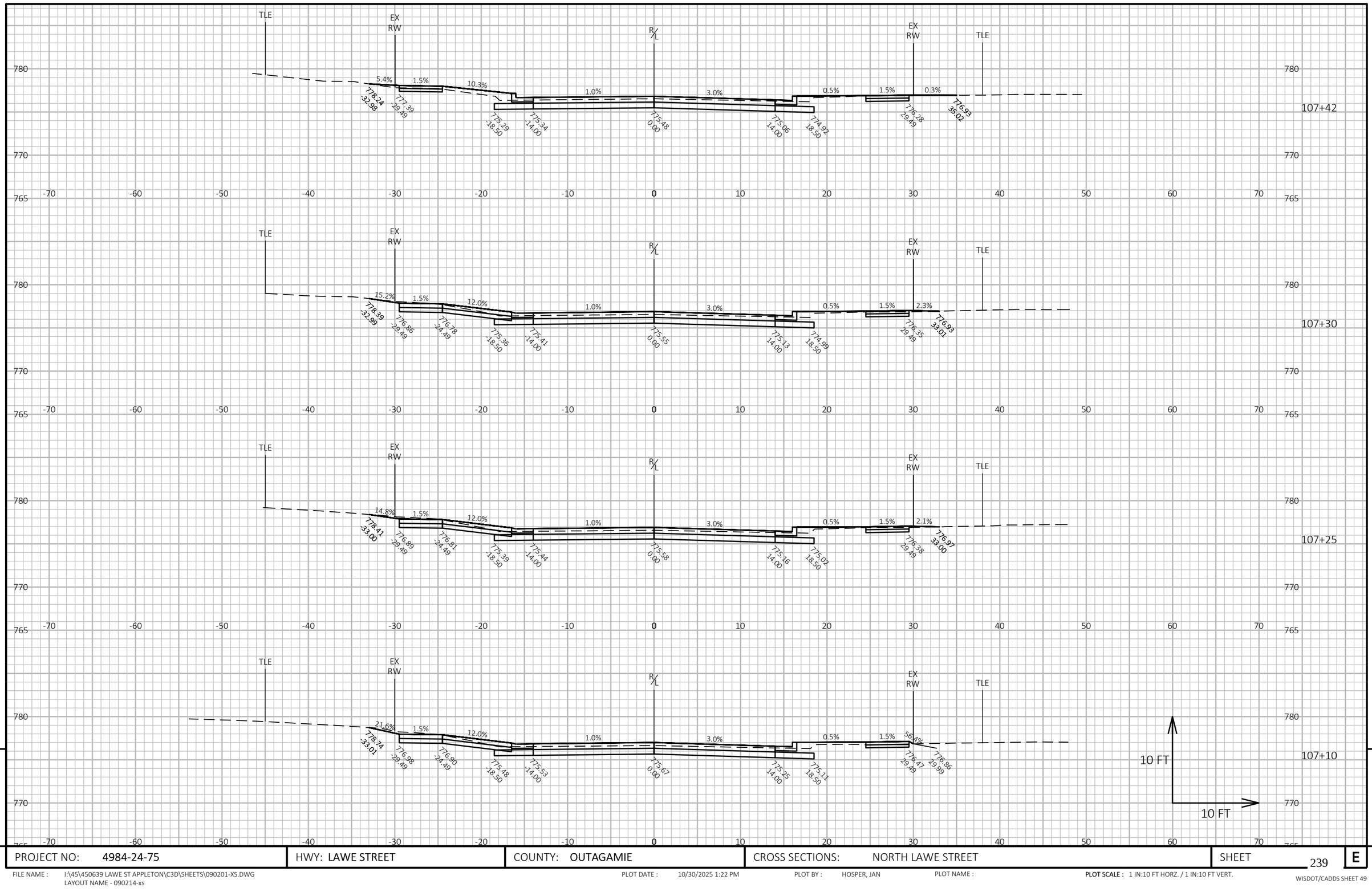
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PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	CROSS SECTIONS: NORTH LAWE STREET	SHEET 238	E

FILE NAME : I:\45\450639 LAWE ST APPLETON\C3D\SHEETS\090201-XS.DWG
LAYOUT NAME - 090213-xs

PLOT DATE : 10/30/2025 1:22 PM PLOT BY : HOSPER, JAN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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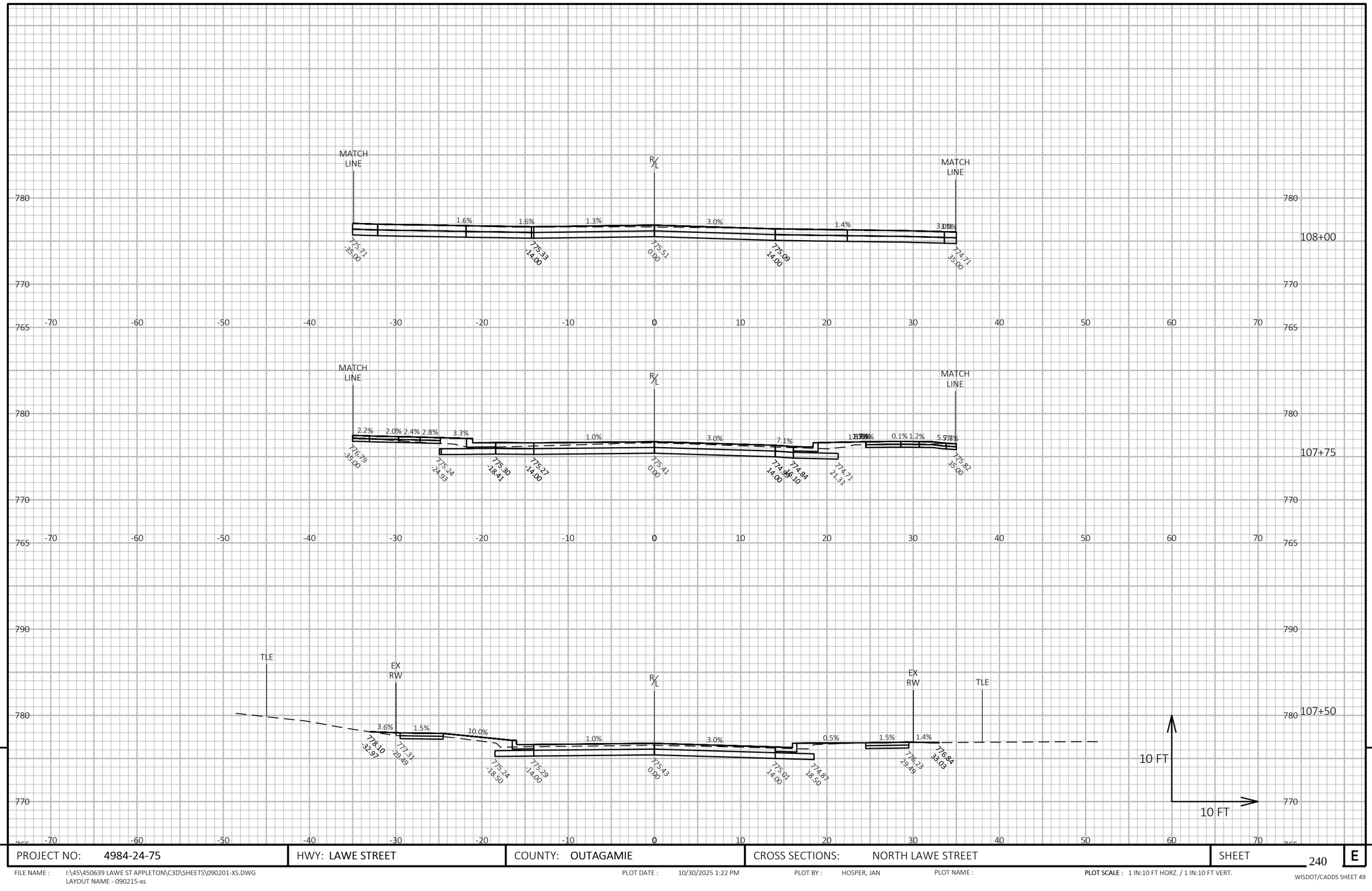
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PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	CROSS SECTIONS: NORTH LAWE STREET	SHEET 239	E

FILE NAME : I:\45\450639 LAWE ST APPLETON\C3D\SHEETS\090201-XS.DWG
LAYOUT NAME - 090214-xs

PLOT DATE : 10/30/2025 1:22 PM PLOT BY : HOSPER, JAN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

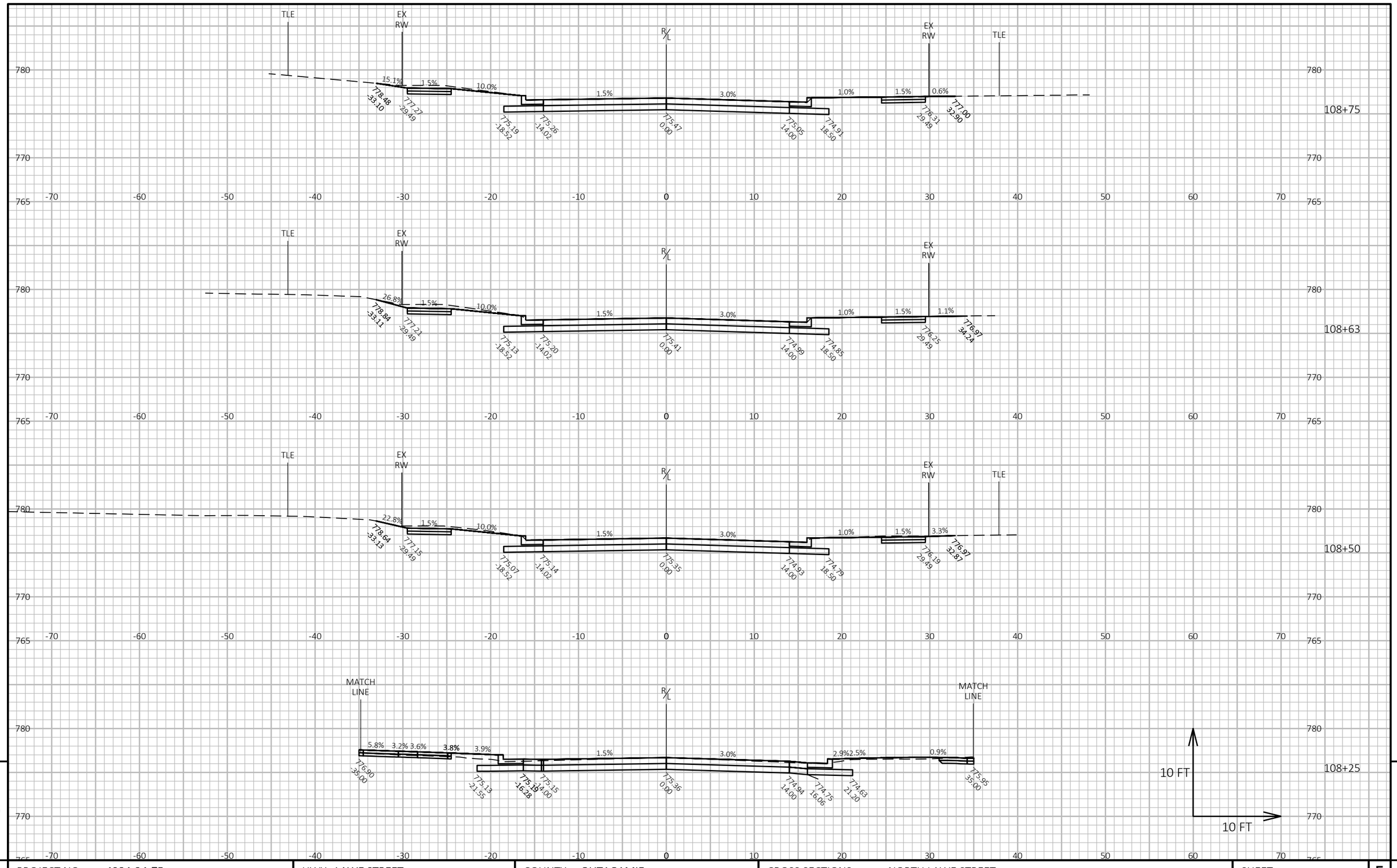
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PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	CROSS SECTIONS: NORTH LAWE STREET	SHEET 240	E

FILE NAME : I:\45\450639 LAWE ST APPLETON\C3D\SHEETS\090201-XS.DWG
LAYOUT NAME - 090215-xs

PLOT DATE : 10/30/2025 1:22 PM PLOT BY : HOSPER, JAN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

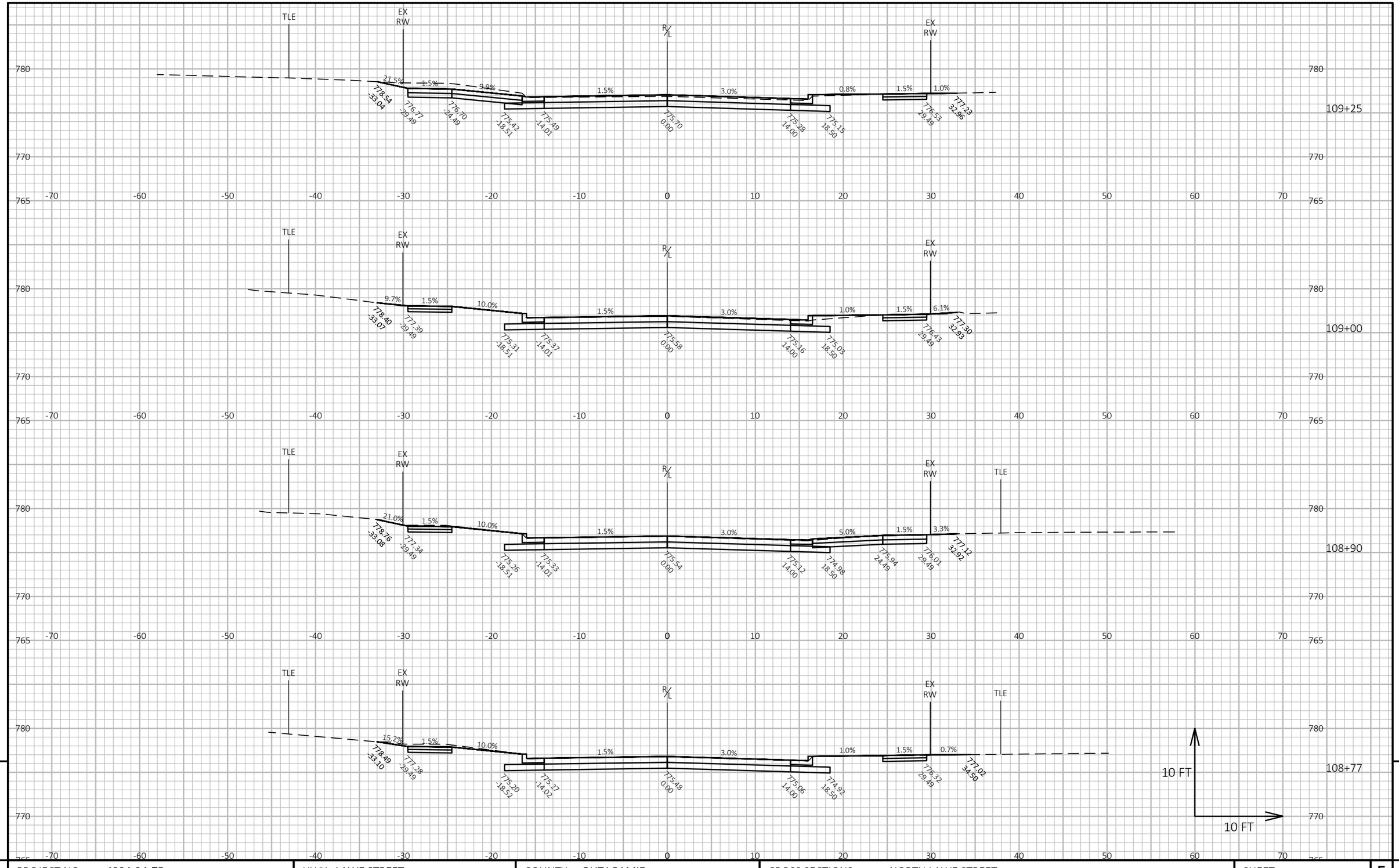


PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	CROSS SECTIONS: NORTH LAWE STREET	SHEET 241	E

FILE NAME : I:\45\450639 LAWE ST APPLETON\C3D\SHEETS\090201-XS.DWG
LAYOUT NAME - 090216-xs

PLOT DATE : 10/30/2025 1:22 PM PLOT BY : HOSPER, JAN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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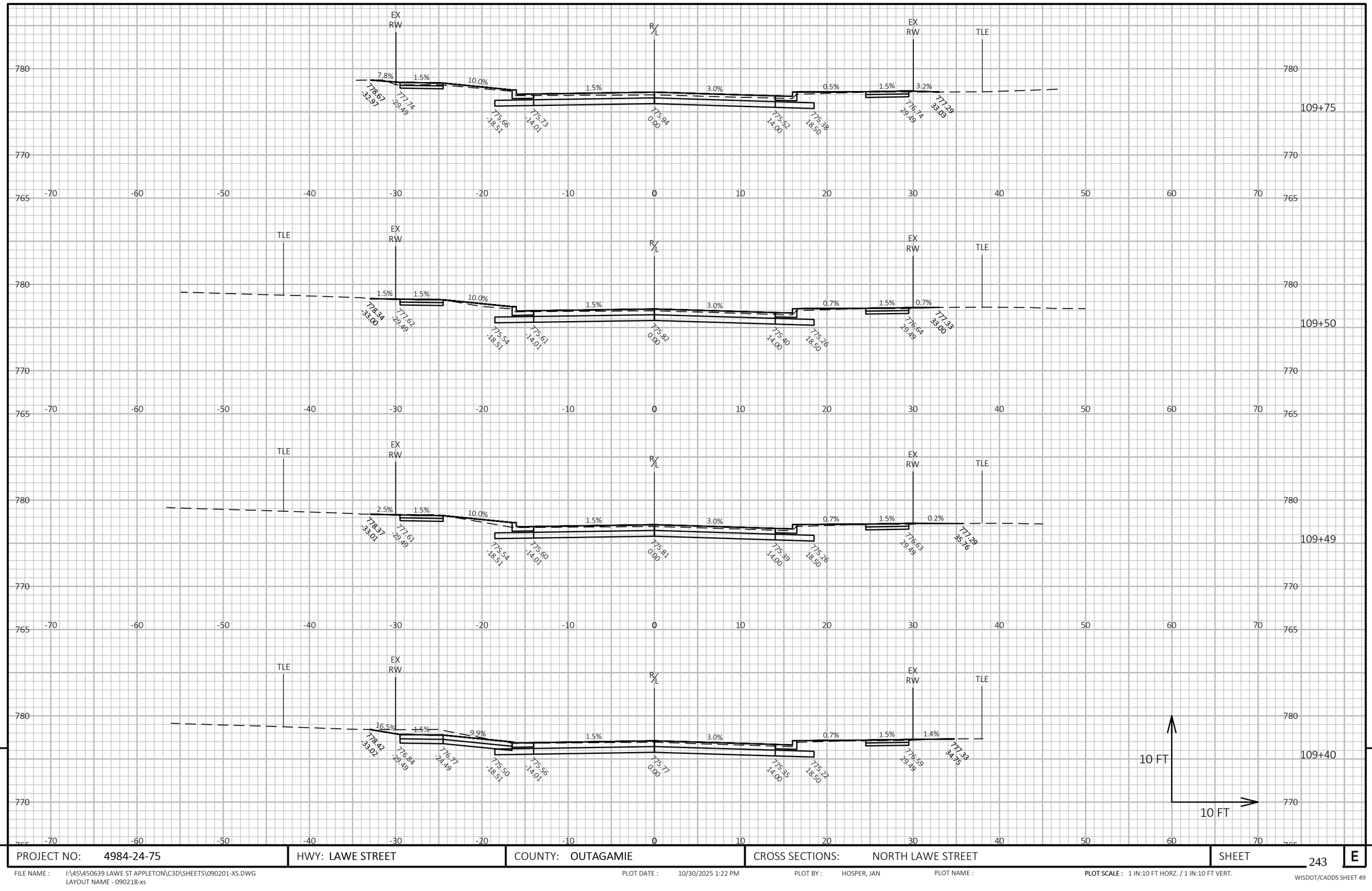
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PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	CROSS SECTIONS: NORTH LAWE STREET	SHEET 242	E

FILE NAME : I:\45\450639 LAWE ST APPLETON\C3D\SHEETS\090201-XS.DWG
LAYOUT NAME - 090217-xs

PLOT DATE : 10/30/2025 1:22 PM PLOT BY : HOSPER, JAN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

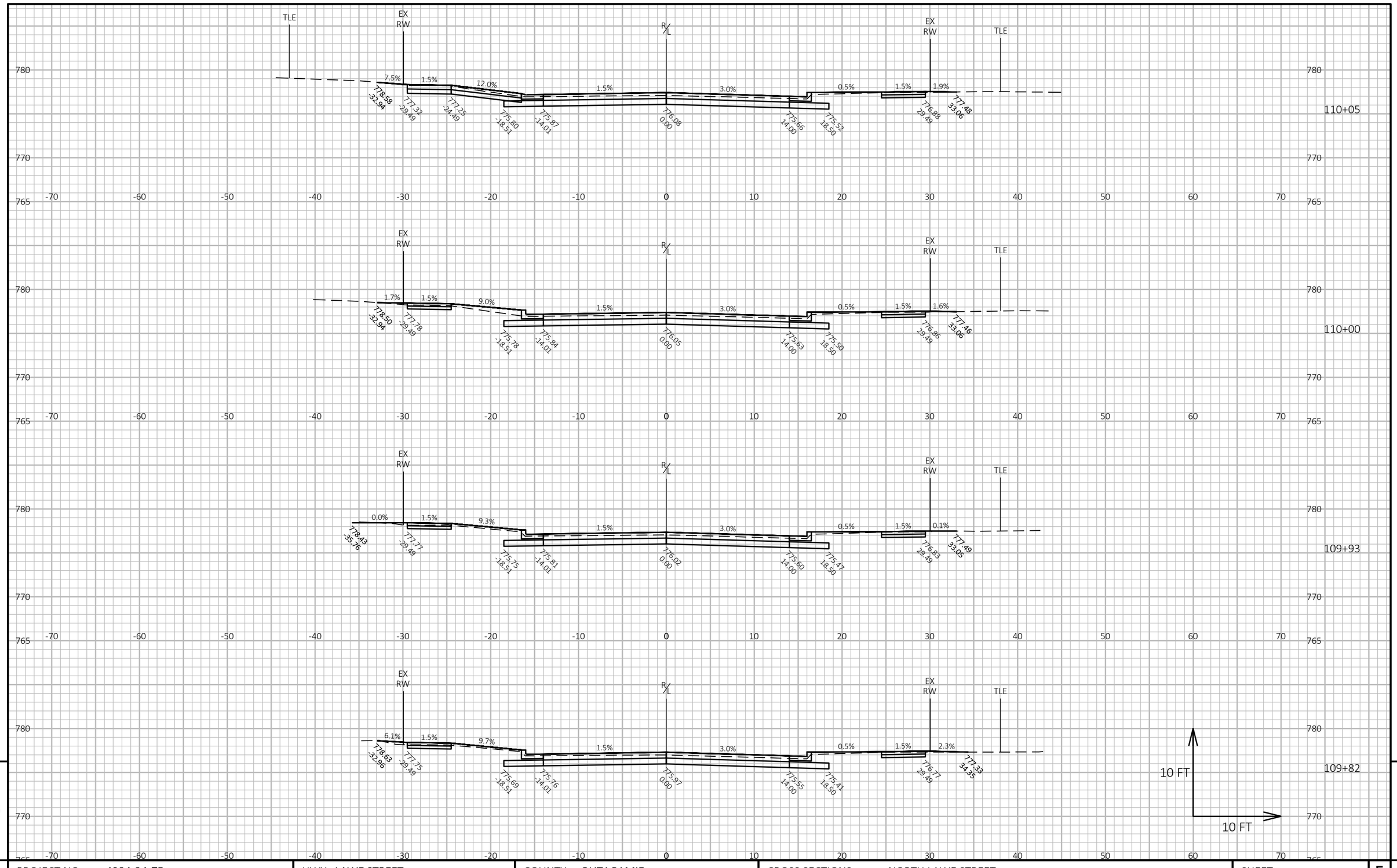
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PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	CROSS SECTIONS: NORTH LAWE STREET	SHEET 243	E

FILE NAME : I:\45\450639 LAWE ST APPLETON\C3D\SHEETS\090201-XS.DWG
LAYOUT NAME - 090218-xs

PLOT DATE : 10/30/2025 1:22 PM PLOT BY : HOSPER, JAN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

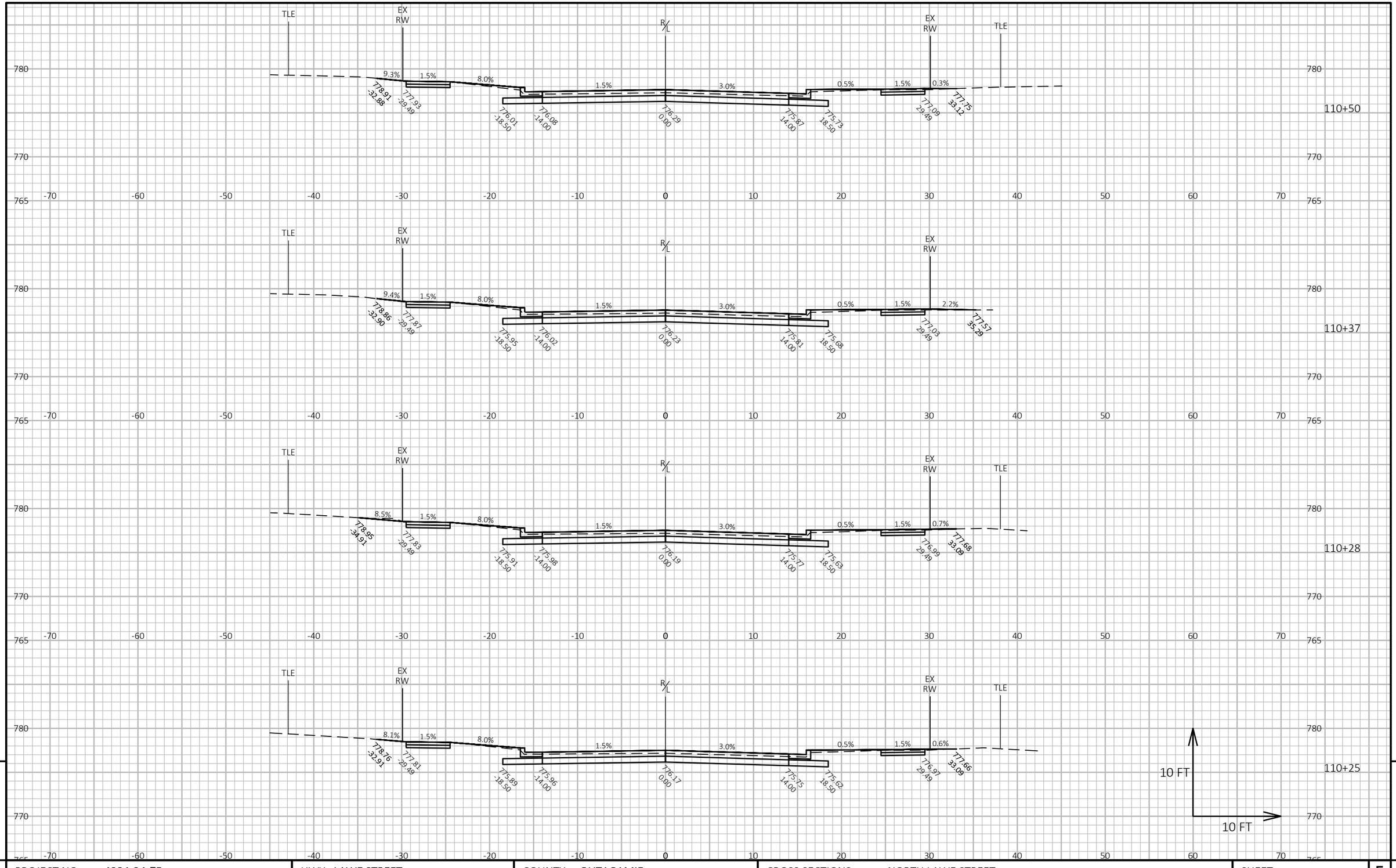
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PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	CROSS SECTIONS: NORTH LAWE STREET	SHEET 244	E

FILE NAME : I:\45\450639 LAWE ST APPLETON\C3D\SHEETS\090201-XS.DWG
LAYOUT NAME - 090219-xs

PLOT DATE : 10/30/2025 1:22 PM PLOT BY : HOSPER, JAN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

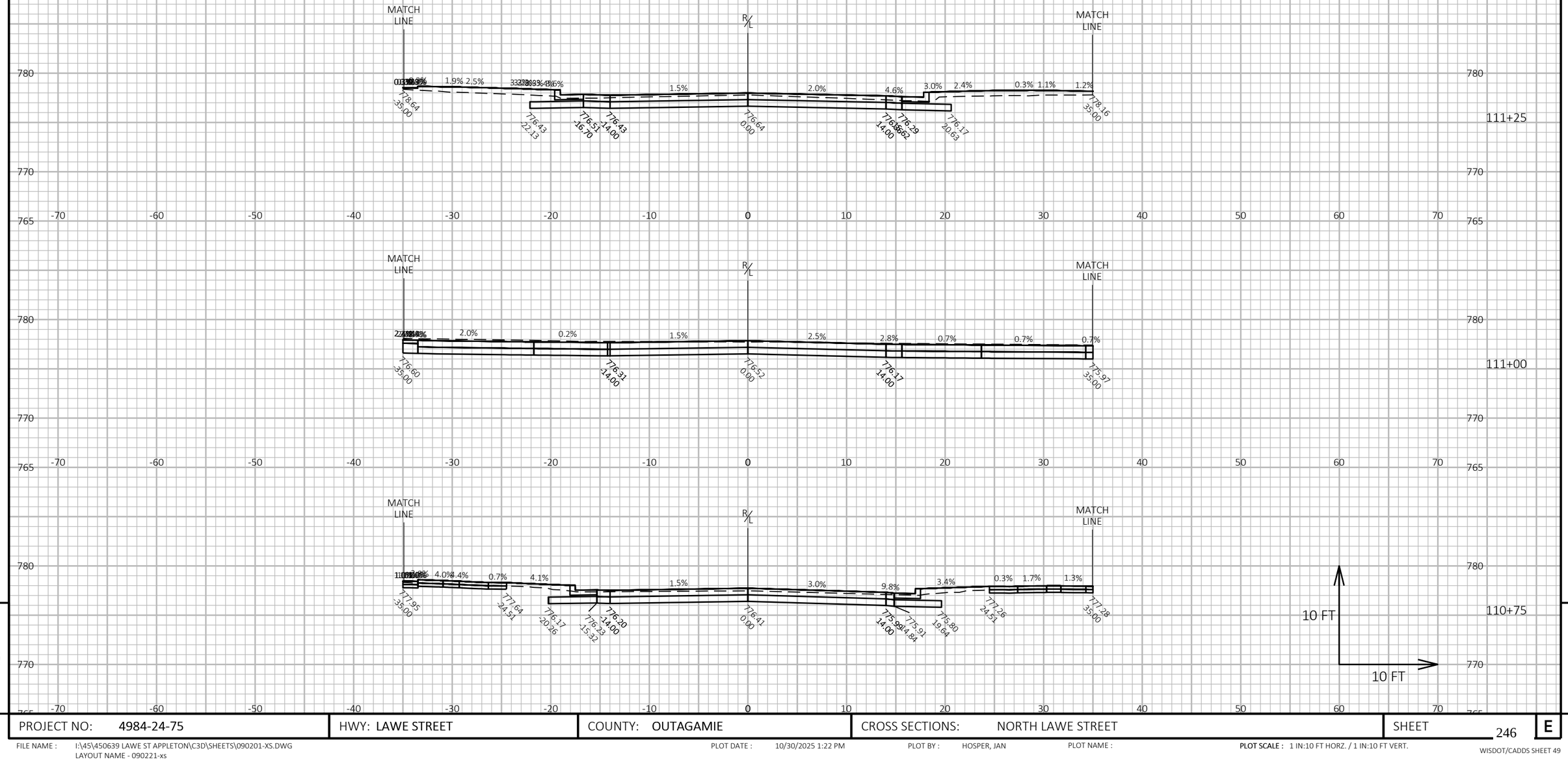
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PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	CROSS SECTIONS: NORTH LAWE STREET	SHEET 245	E

FILE NAME : I:\45\450639 LAWE ST APPLETON\C3D\SHEETS\090201-XS.DWG
LAYOUT NAME - 090220-xs

PLOT DATE : 10/30/2025 1:22 PM PLOT BY : HOSPER, JAN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



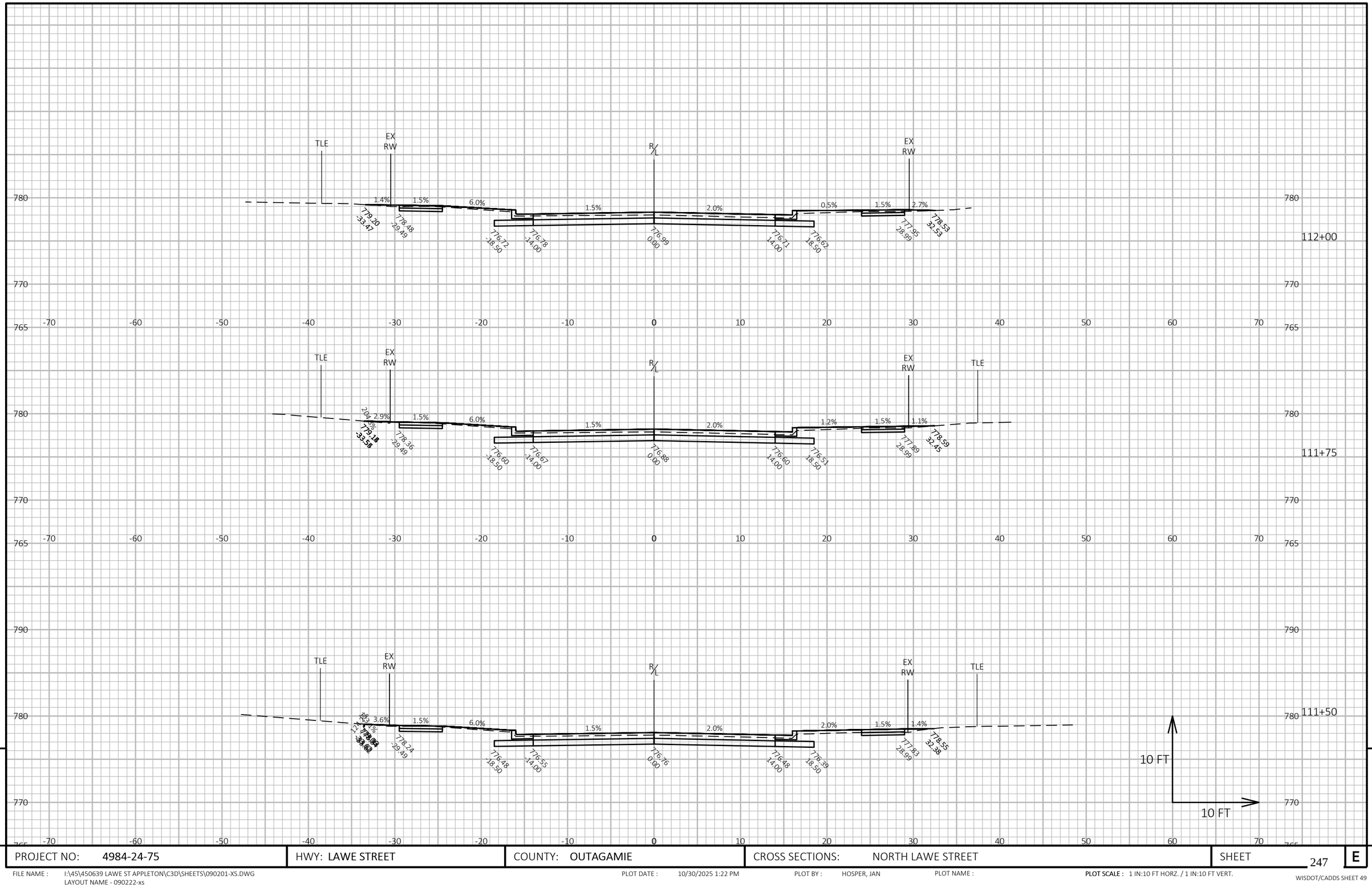
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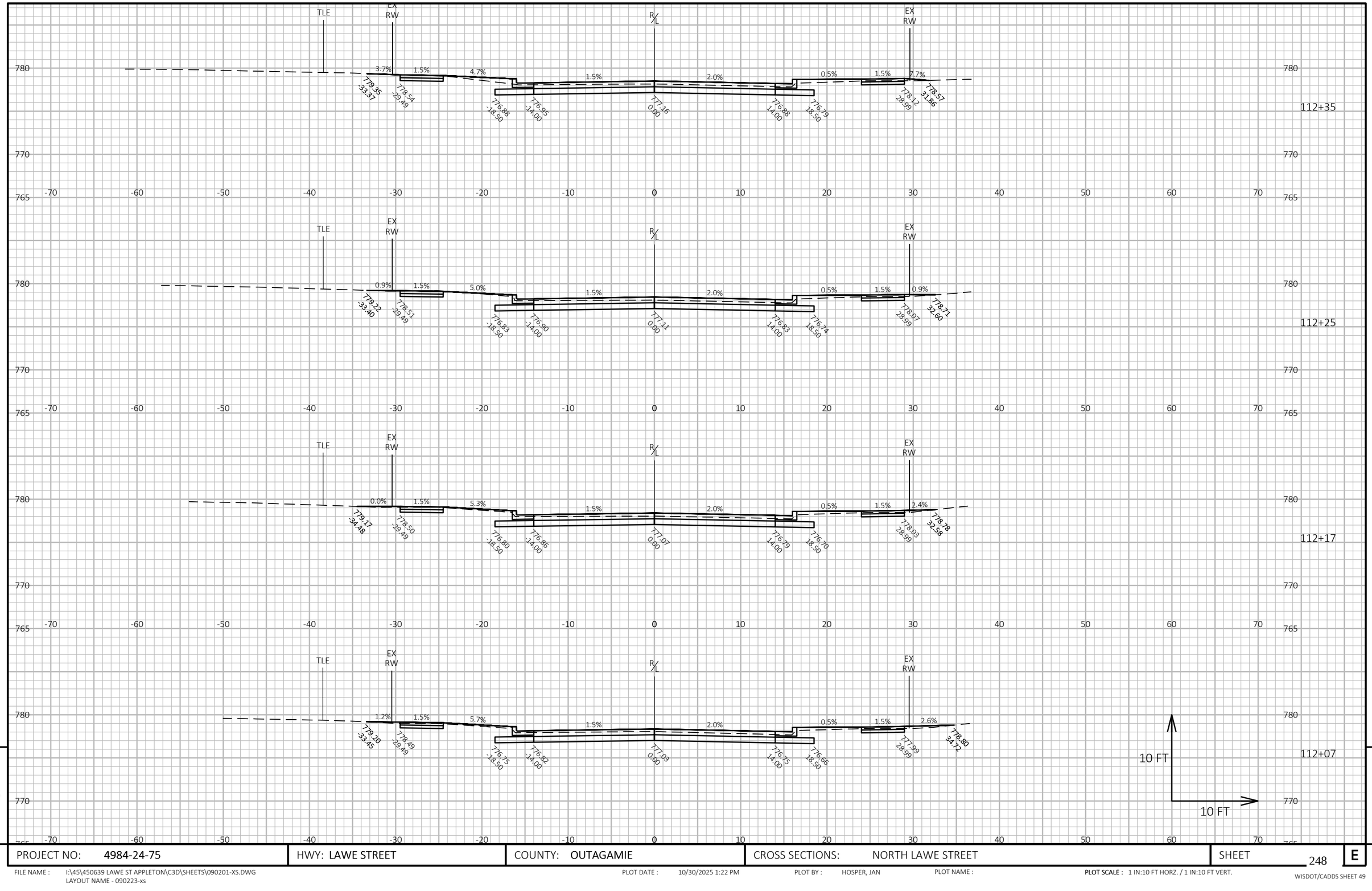
PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	CROSS SECTIONS: NORTH LAWE STREET	SHEET 246	E

FILE NAME : I:\45\450639 LAWE ST APPLETON\C3D\SHEETS\090201-XS.DWG
LAYOUT NAME - 090221-xs

PLOT DATE : 10/30/2025 1:22 PM PLOT BY : HOSPER, JAN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	CROSS SECTIONS: NORTH LAWE STREET	SHEET 247	E



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PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	CROSS SECTIONS: NORTH LAWE STREET	SHEET 248	E

FILE NAME : I:\45\450639 LAWE ST APPLETON\C3D\SHEETS\090201-XS.DWG
LAYOUT NAME - 090223-xs

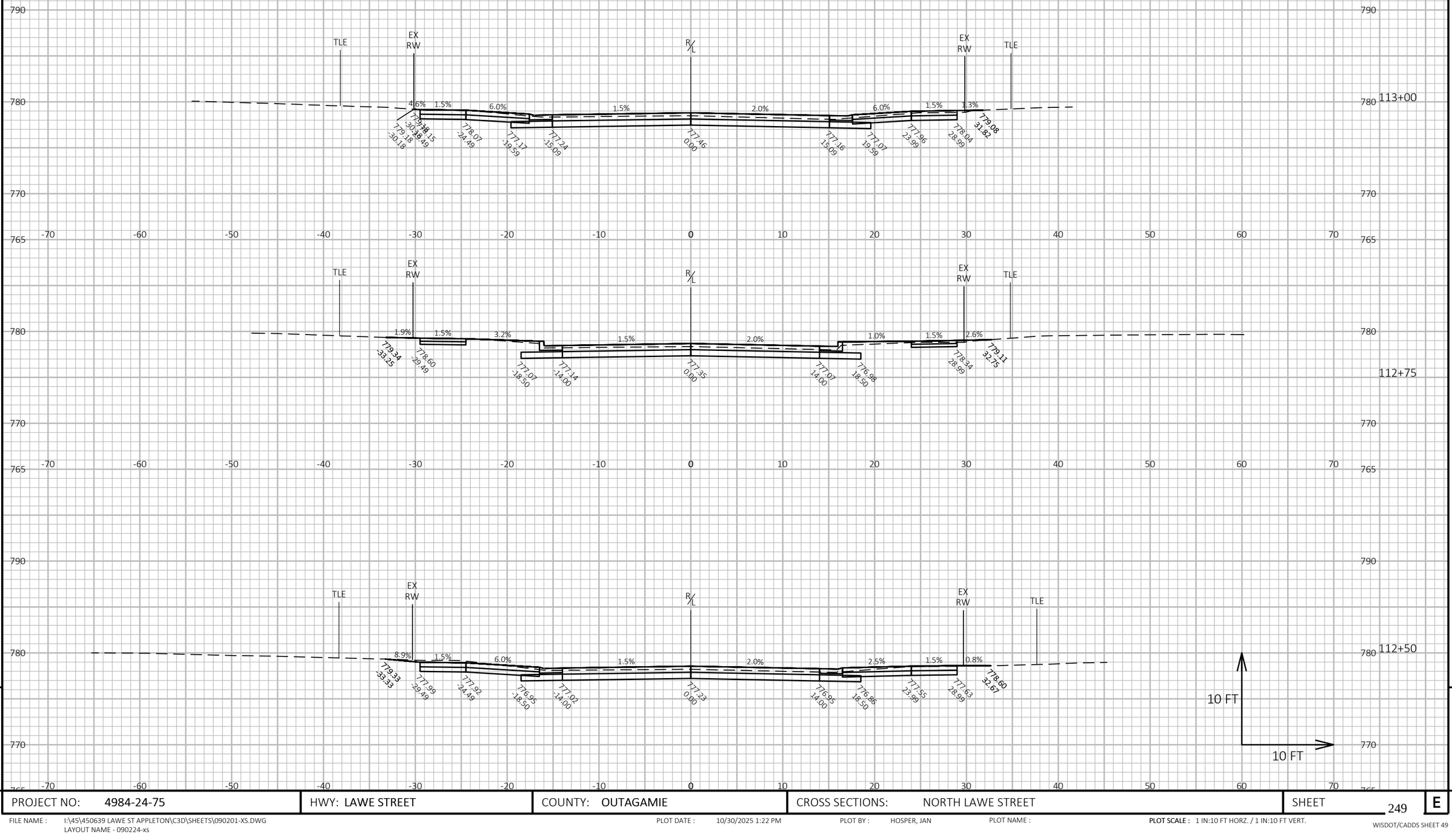
PLOT DATE : 10/30/2025 1:22 PM

PLOT BY : HOSPER, JAN

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

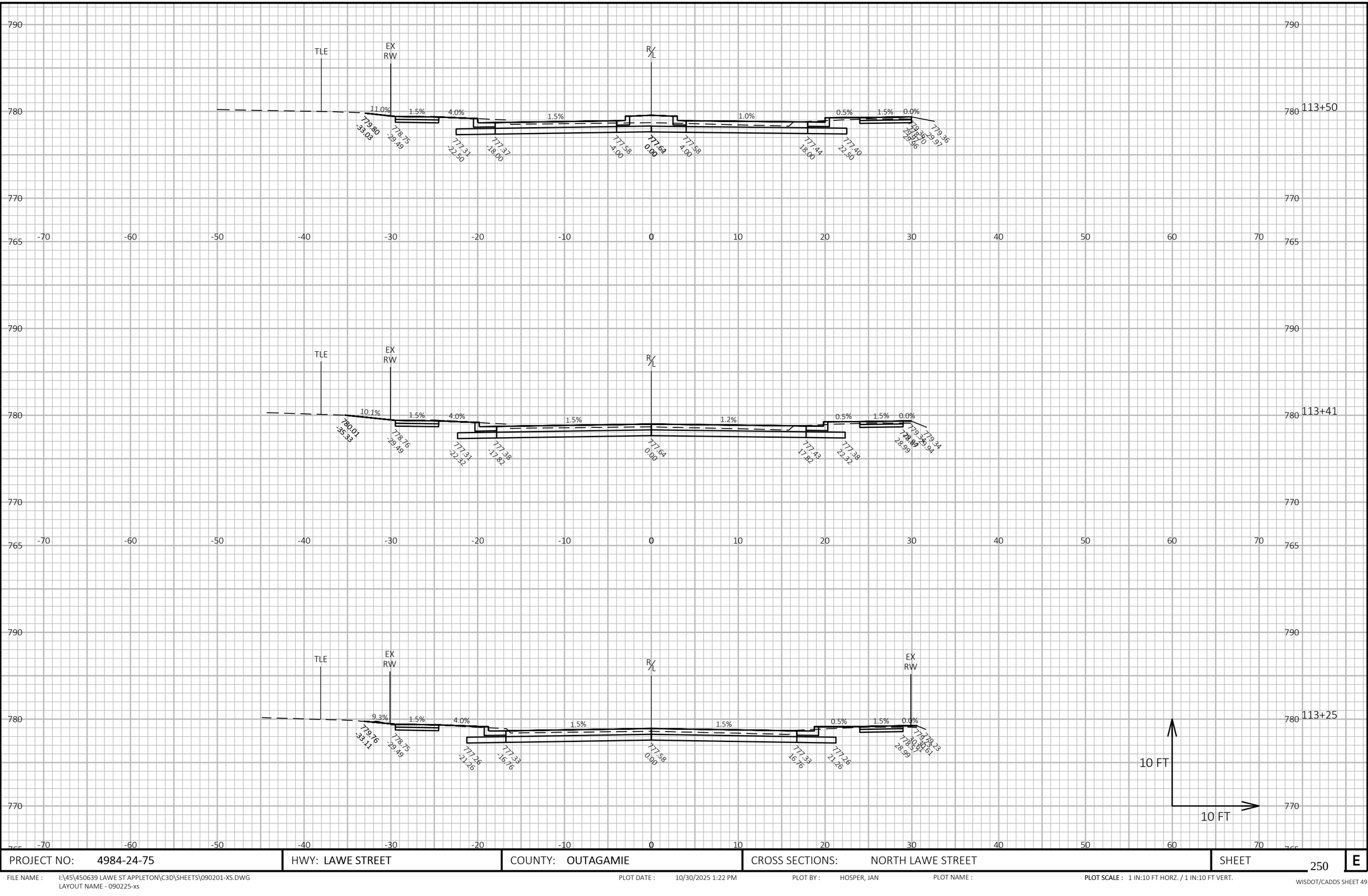


PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	CROSS SECTIONS: NORTH LAWE STREET	SHEET 249	E

FILE NAME : I:\45\450639 LAWE ST APPLETON\C3D\SHEETS\090201-XS.DWG
LAYOUT NAME - 090224-xs

PLOT DATE : 10/30/2025 1:22 PM PLOT BY : HOSPER, JAN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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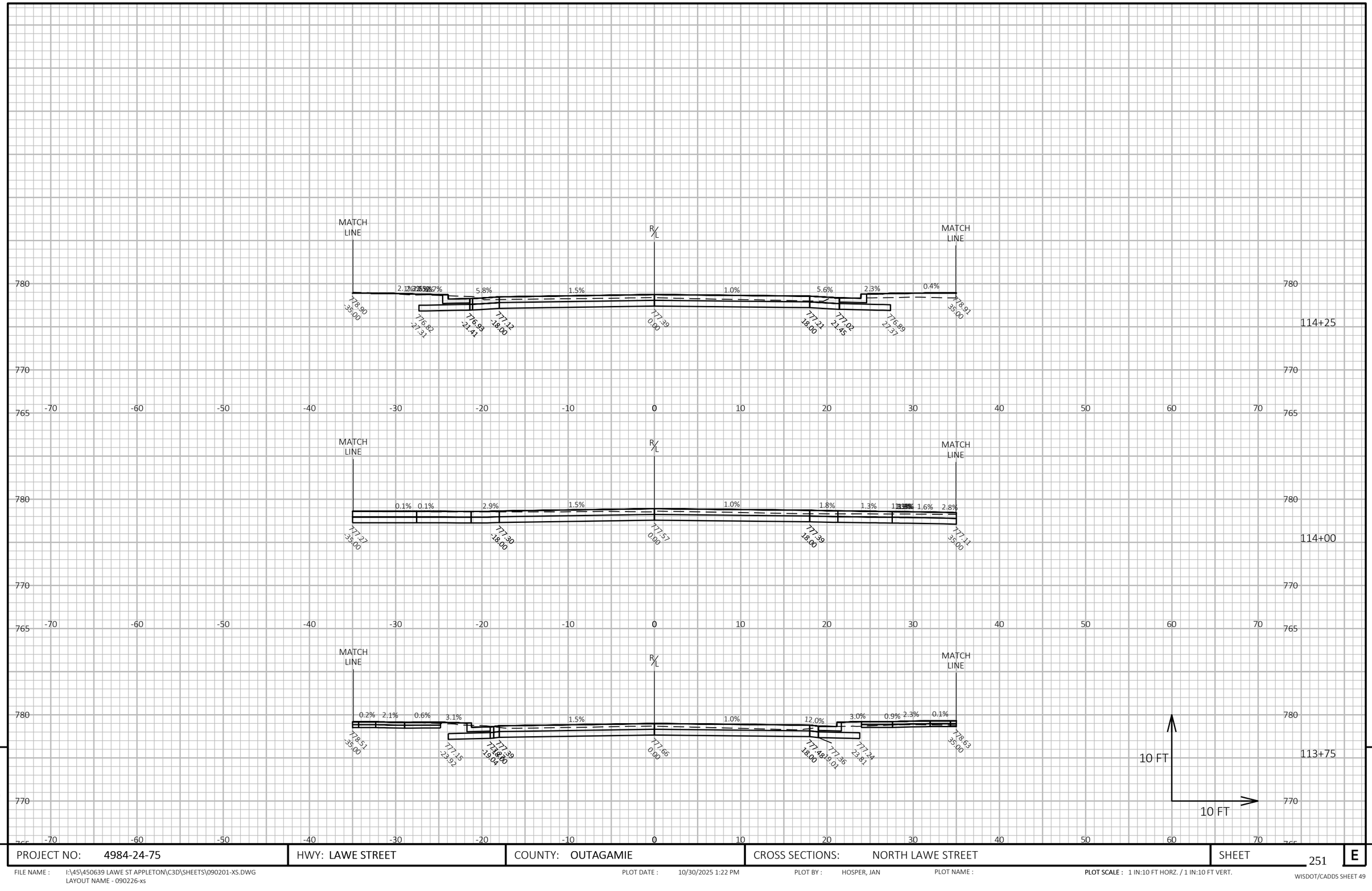
PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	CROSS SECTIONS: NORTH LAWE STREET	SHEET 250	E

FILE NAME : I:\45\450639 LAWE ST APPLETON\C3D\SHEETS\090201-XS.DWG
LAYOUT NAME - 090225-xs

PLOT DATE : 10/30/2025 1:22 PM PLOT BY : HOSPER, JAN PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	CROSS SECTIONS: NORTH LAWE STREET	SHEET 251	E

FILE NAME : I:\45\450639 LAWE ST APPLETON\C3D\SHEETS\090201-XS.DWG
LAYOUT NAME - 090226-xs

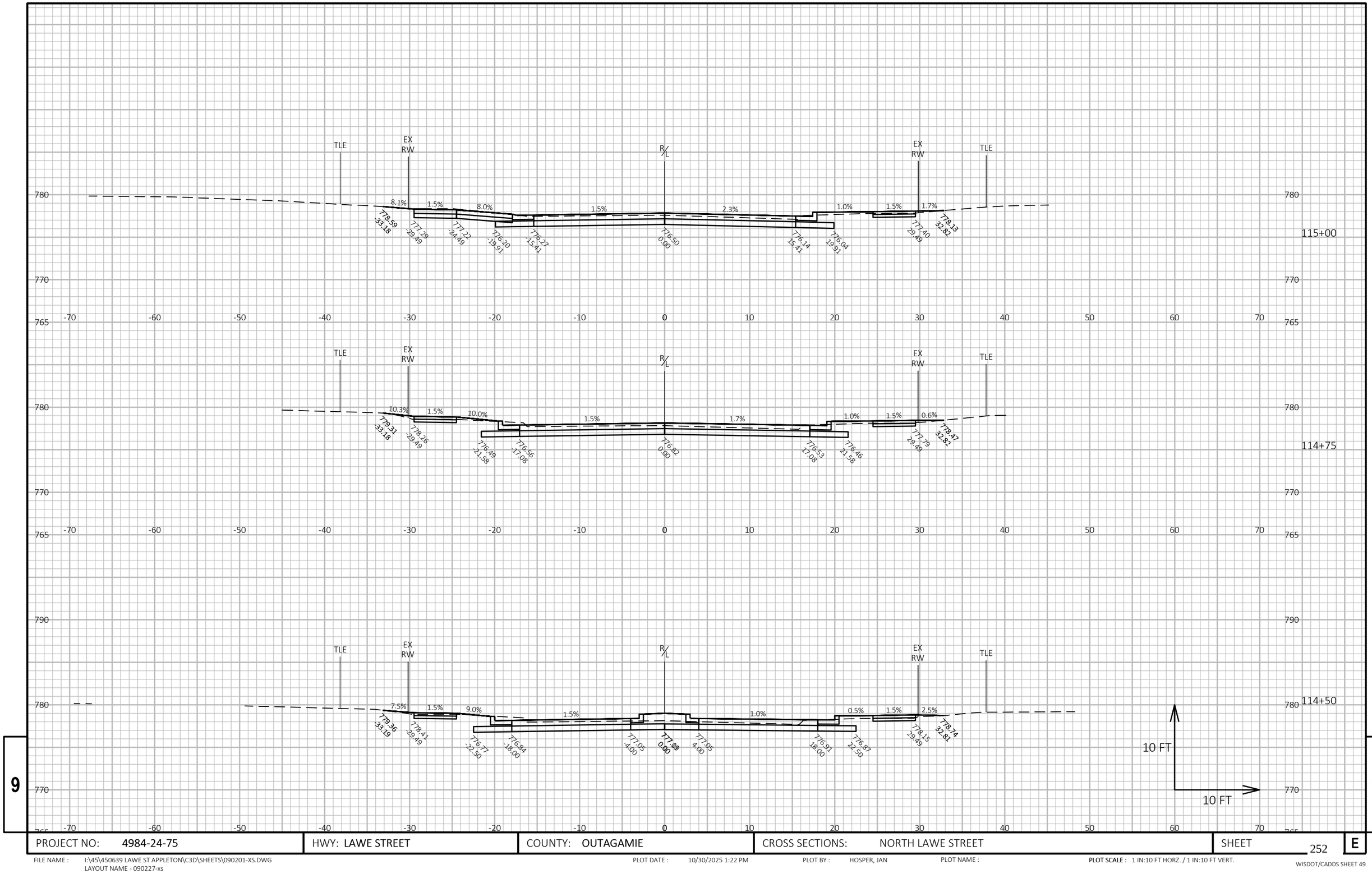
PLOT DATE : 10/30/2025 1:22 PM

PLOT BY : HOSPER, JAN

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

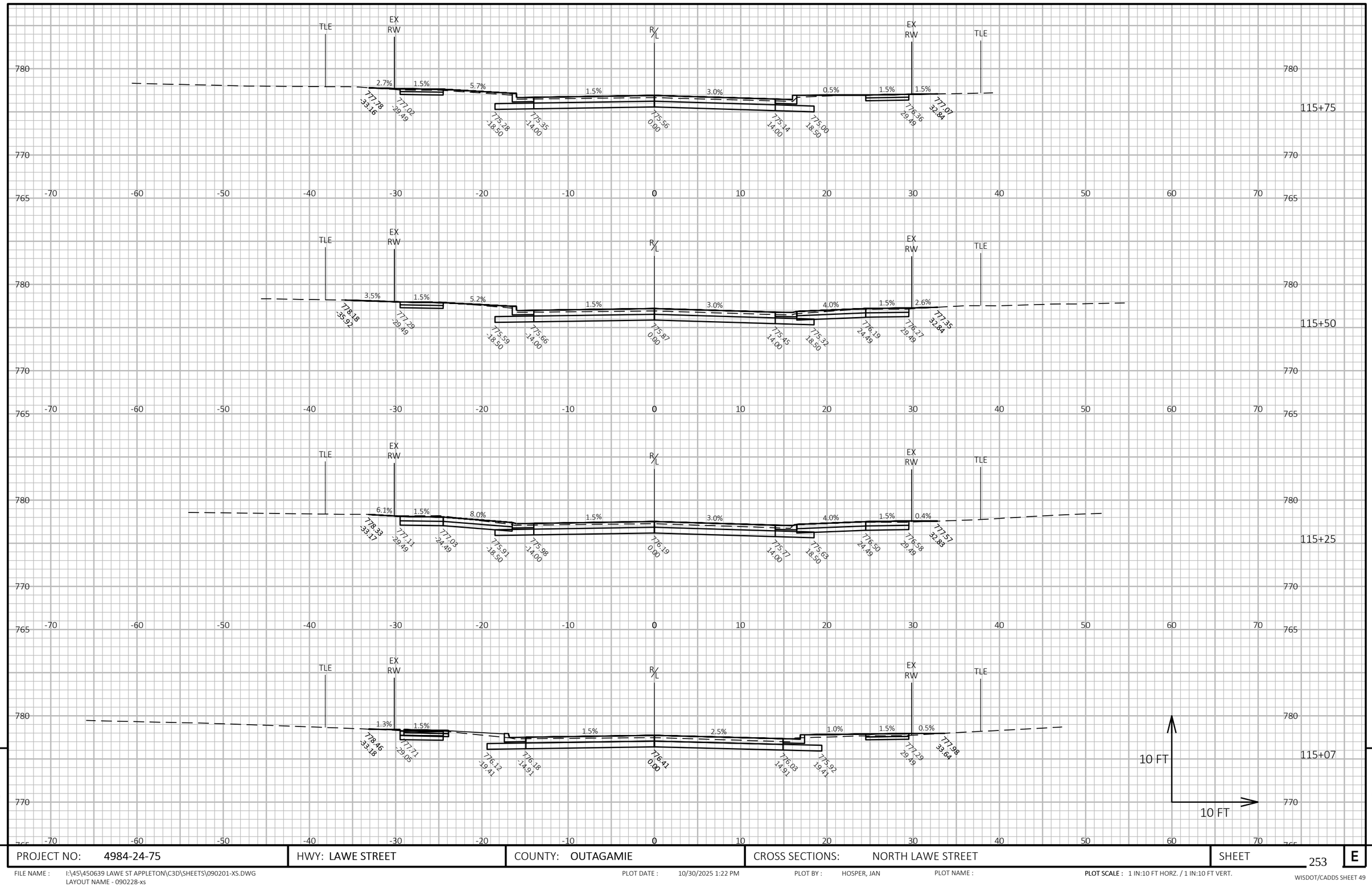


PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	CROSS SECTIONS: NORTH LAWE STREET	SHEET 252	E

FILE NAME : I:\45\450639 LAWE ST APPLETON\C3D\SHEETS\090201-XS.DWG
LAYOUT NAME - 090227-xs

PLOT DATE : 10/30/2025 1:22 PM PLOT BY : HOSPER, JAN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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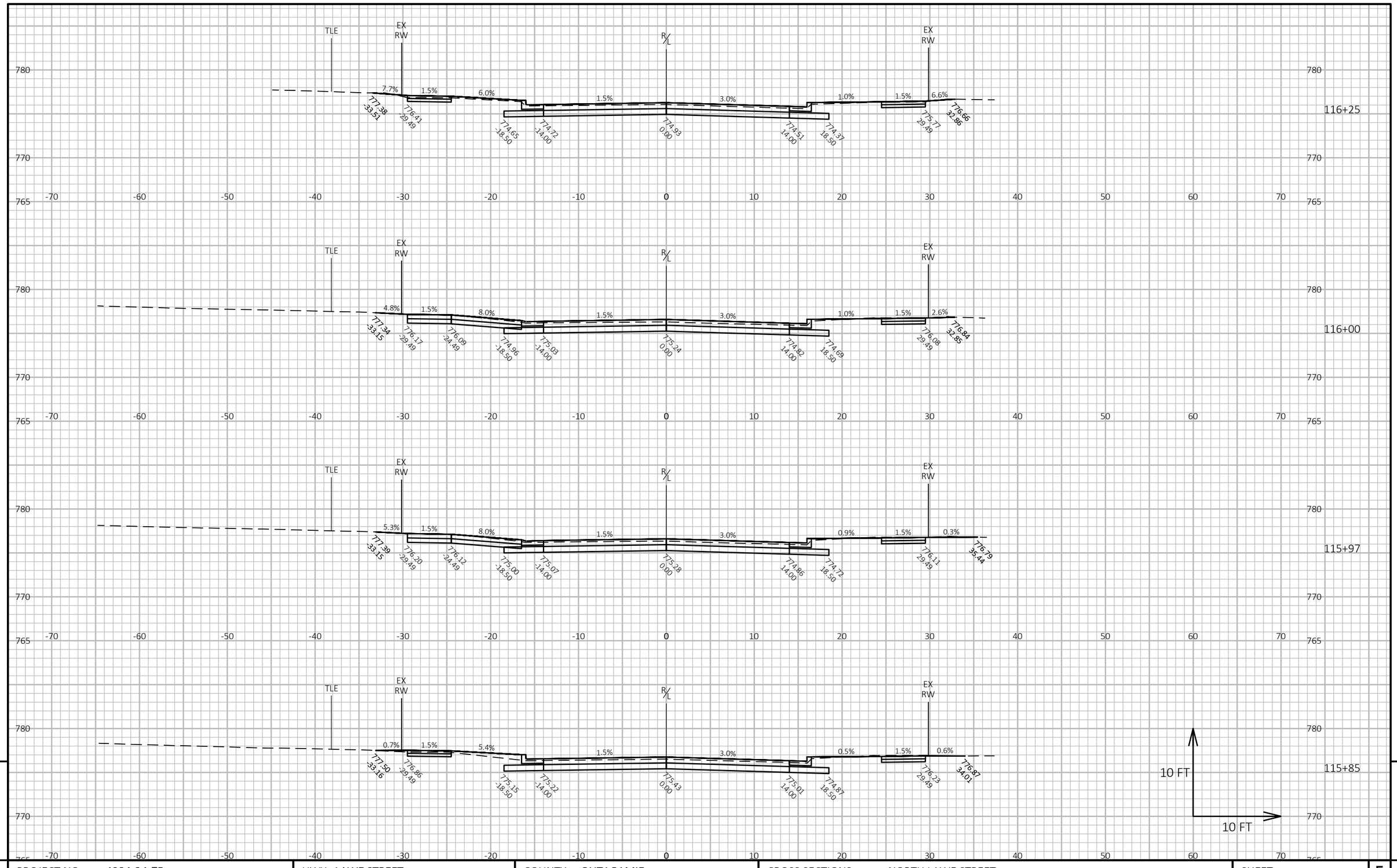
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PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	CROSS SECTIONS: NORTH LAWE STREET	SHEET 253	E

FILE NAME : I:\45\450639 LAWE ST APPLETON\C3D\SHEETS\090201-XS.DWG
LAYOUT NAME - 090228-xs

PLOT DATE : 10/30/2025 1:22 PM PLOT BY : HOSPER, JAN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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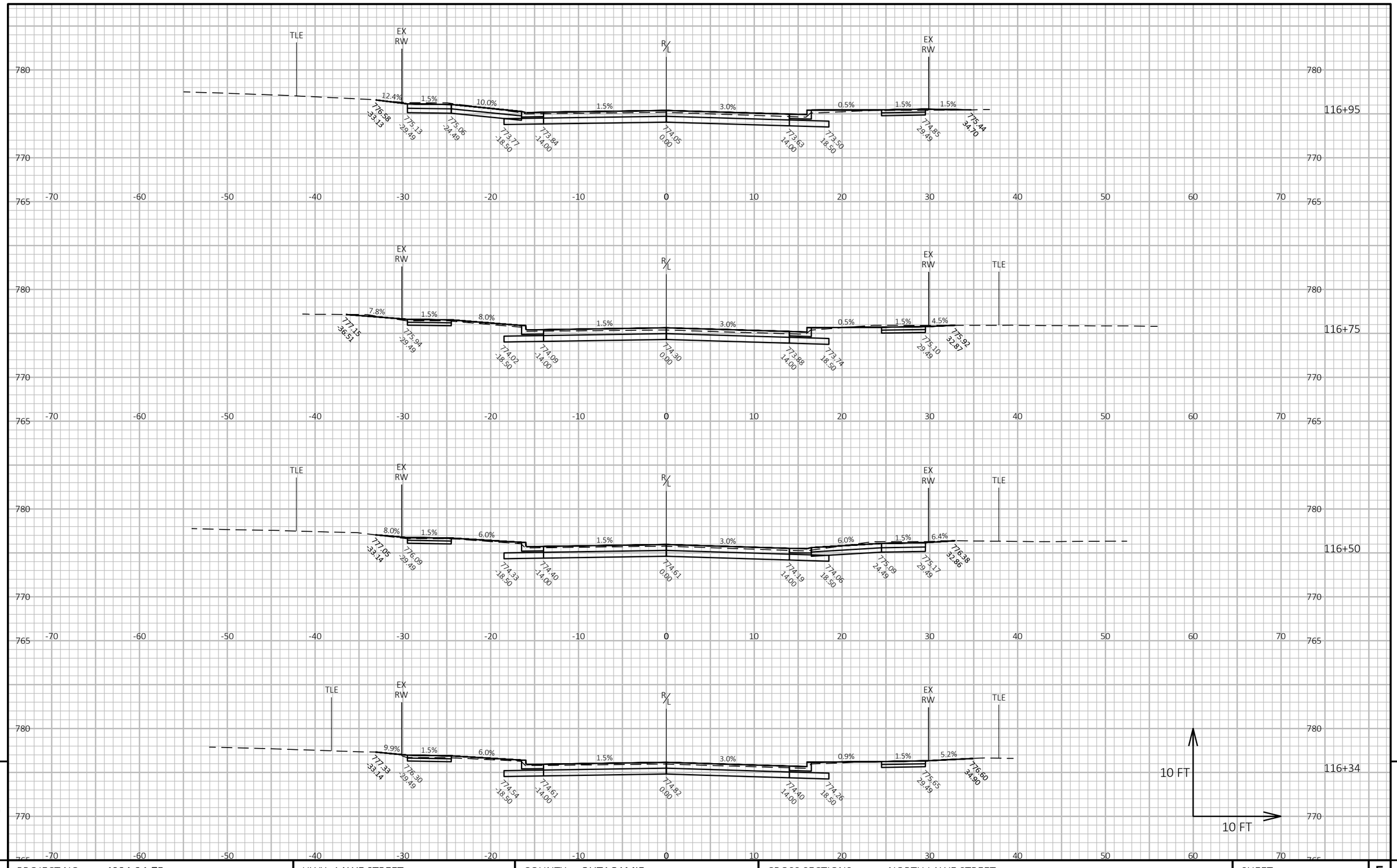
PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	CROSS SECTIONS: NORTH LAWE STREET	SHEET 254	E

FILE NAME : I:\45\450639 LAWE ST APPLETON\C3D\SHEETS\090201-XS.DWG
LAYOUT NAME - 090229-xs

PLOT DATE : 10/30/2025 1:22 PM PLOT BY : HOSPER, JAN PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

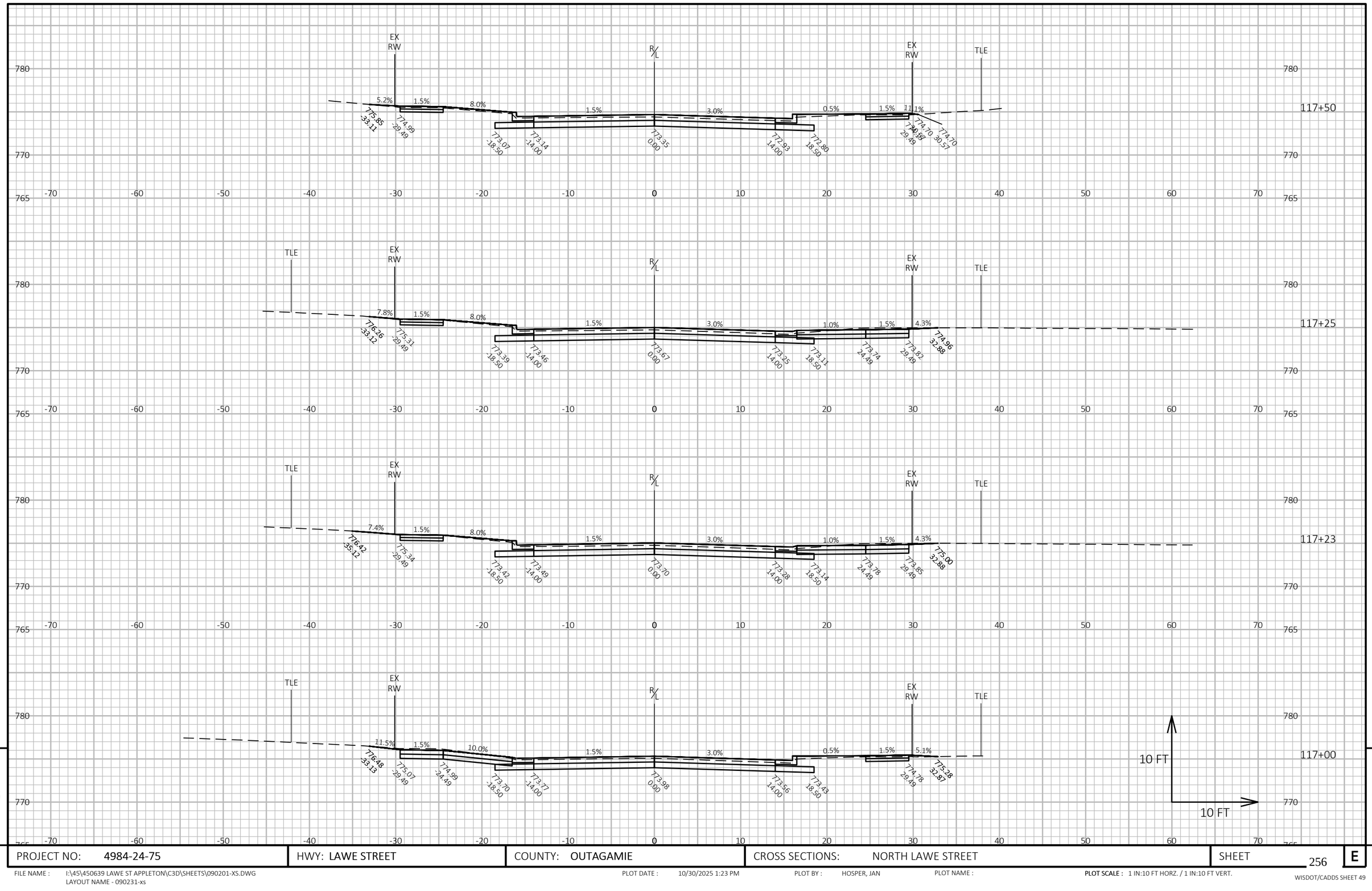
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PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	CROSS SECTIONS: NORTH LAWE STREET	SHEET 255	E

FILE NAME : I:\45\450639 LAWE ST APPLETON\C3D\SHEETS\090201-XS.DWG
LAYOUT NAME - 090230-xs

PLOT DATE : 10/30/2025 1:23 PM PLOT BY : HOSPER, JAN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

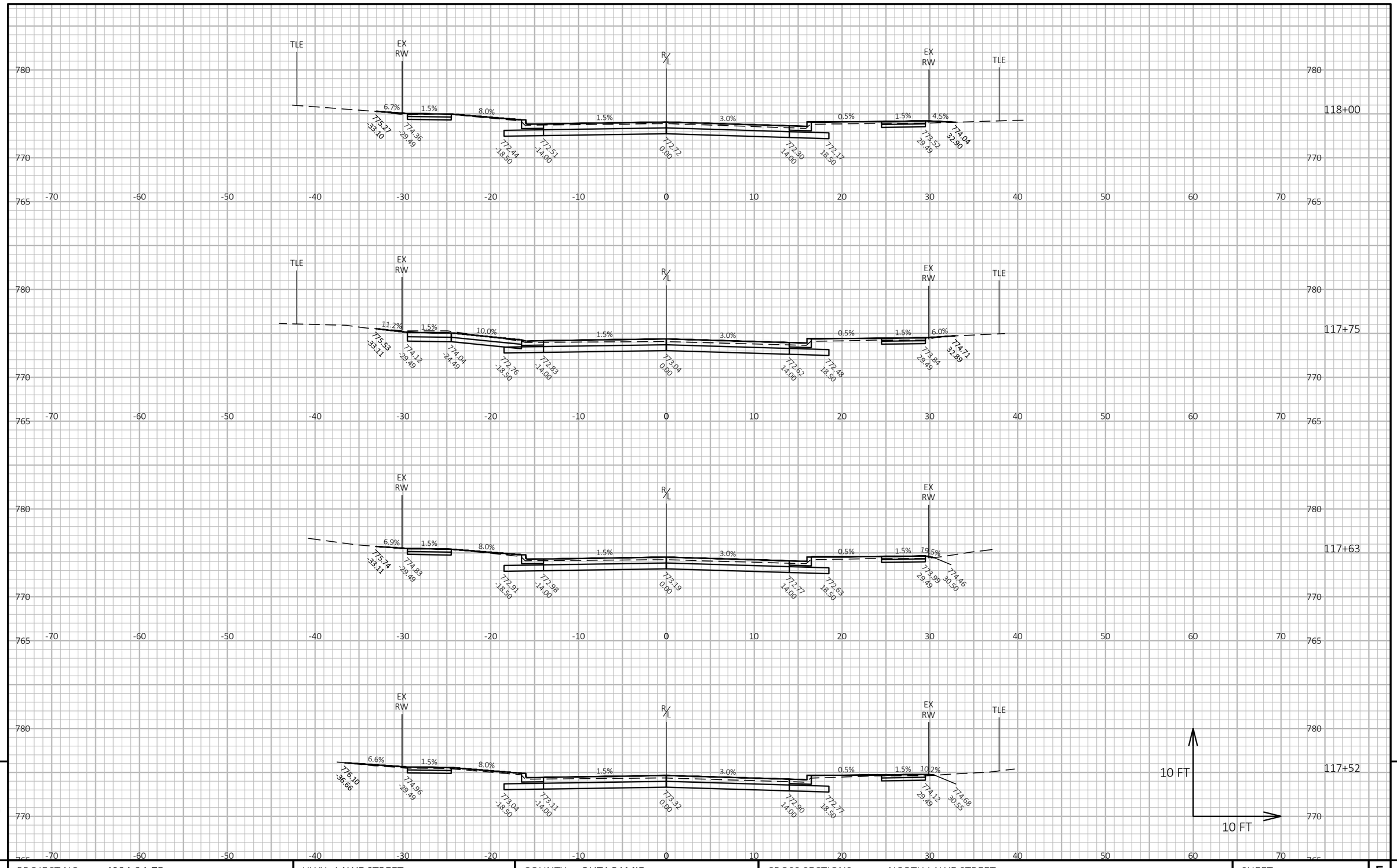
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PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	CROSS SECTIONS: NORTH LAWE STREET	SHEET 256	E

FILE NAME : I:\45\450639 LAWE ST APPLETON\C3D\SHEETS\090201-XS.DWG
LAYOUT NAME - 090231-xs

PLOT DATE : 10/30/2025 1:23 PM PLOT BY : HOSPER, JAN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

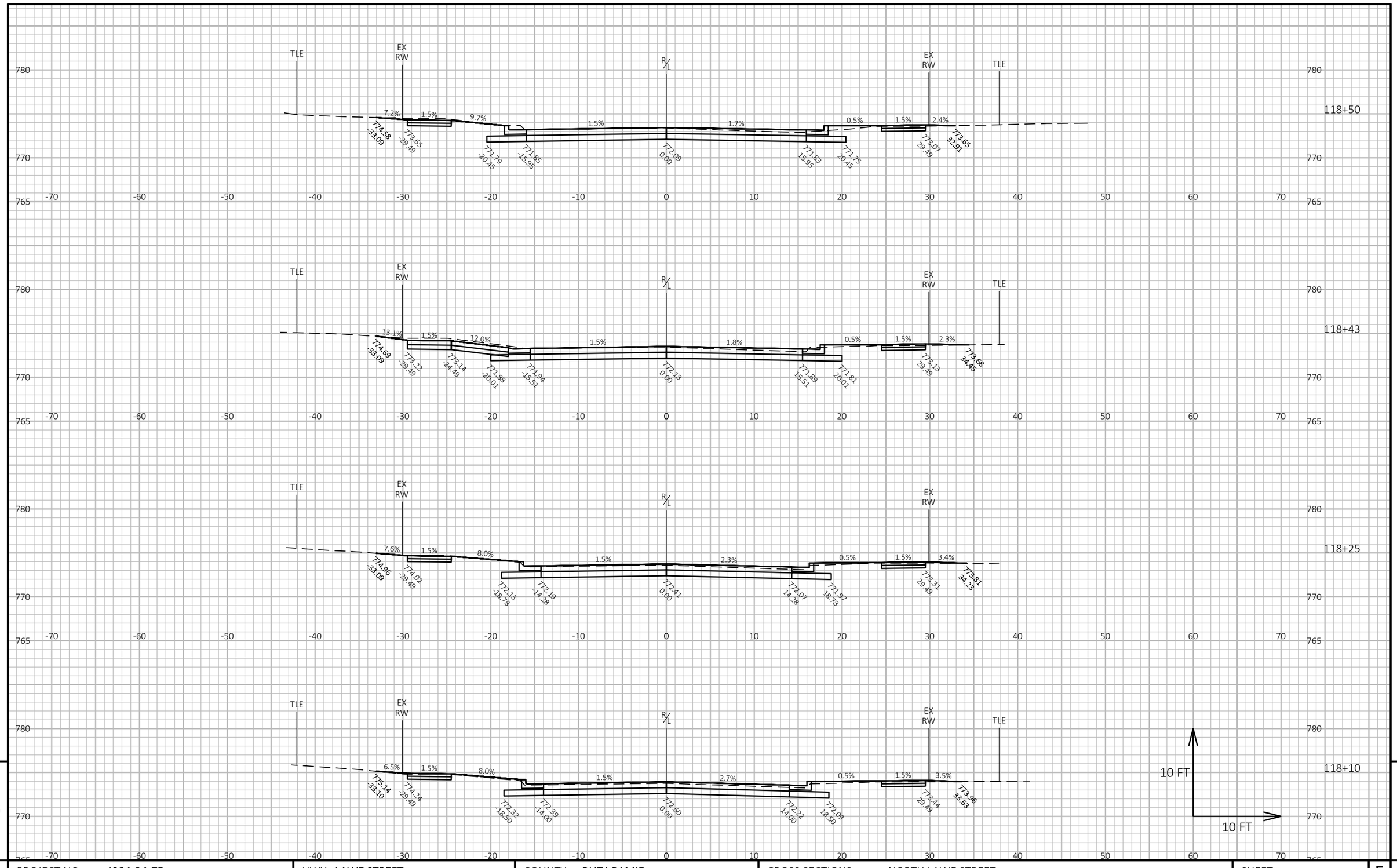
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PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	CROSS SECTIONS: NORTH LAWE STREET	SHEET 257	E

FILE NAME : I:\45\450639 LAWE ST APPLETON\C3D\SHEETS\090201-XS.DWG
LAYOUT NAME - 090232-xs

PLOT DATE : 10/30/2025 1:23 PM PLOT BY : HOSPER, JAN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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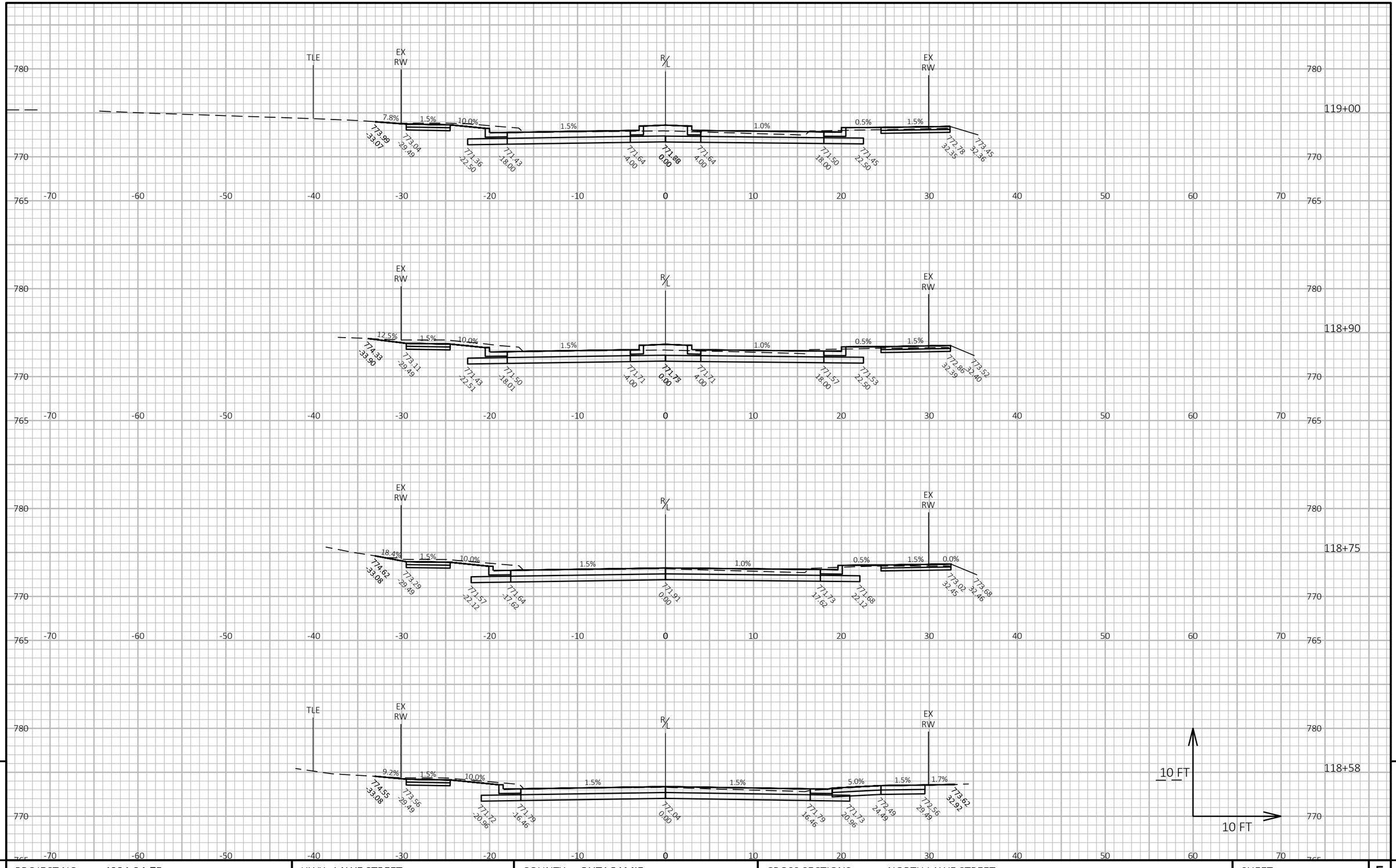
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PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	CROSS SECTIONS: NORTH LAWE STREET	SHEET 258	E

FILE NAME : I:\45\450639 LAWE ST APPLETON\C3D\SHEETS\090201-XS.DWG
LAYOUT NAME - 090233-xs

PLOT DATE : 10/30/2025 1:23 PM PLOT BY : HOSPER, JAN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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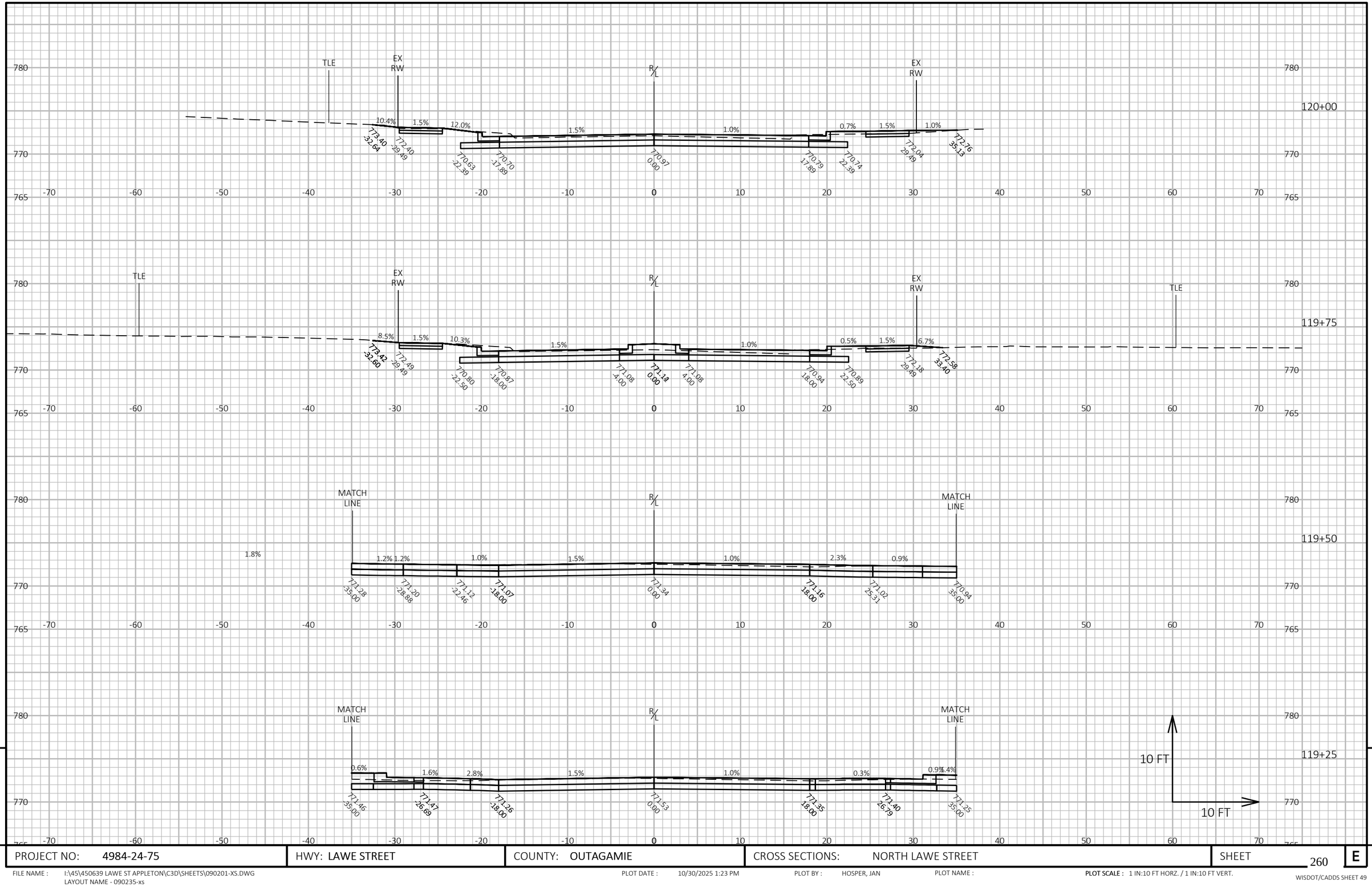
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PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	CROSS SECTIONS: NORTH LAWE STREET	SHEET 259	E

FILE NAME : I:\45\450639 LAWE ST APPLETON\C3D\SHEETS\090201-XS.DWG
LAYOUT NAME - 090234-xs

PLOT DATE : 10/30/2025 1:23 PM PLOT BY : HOSPER, JAN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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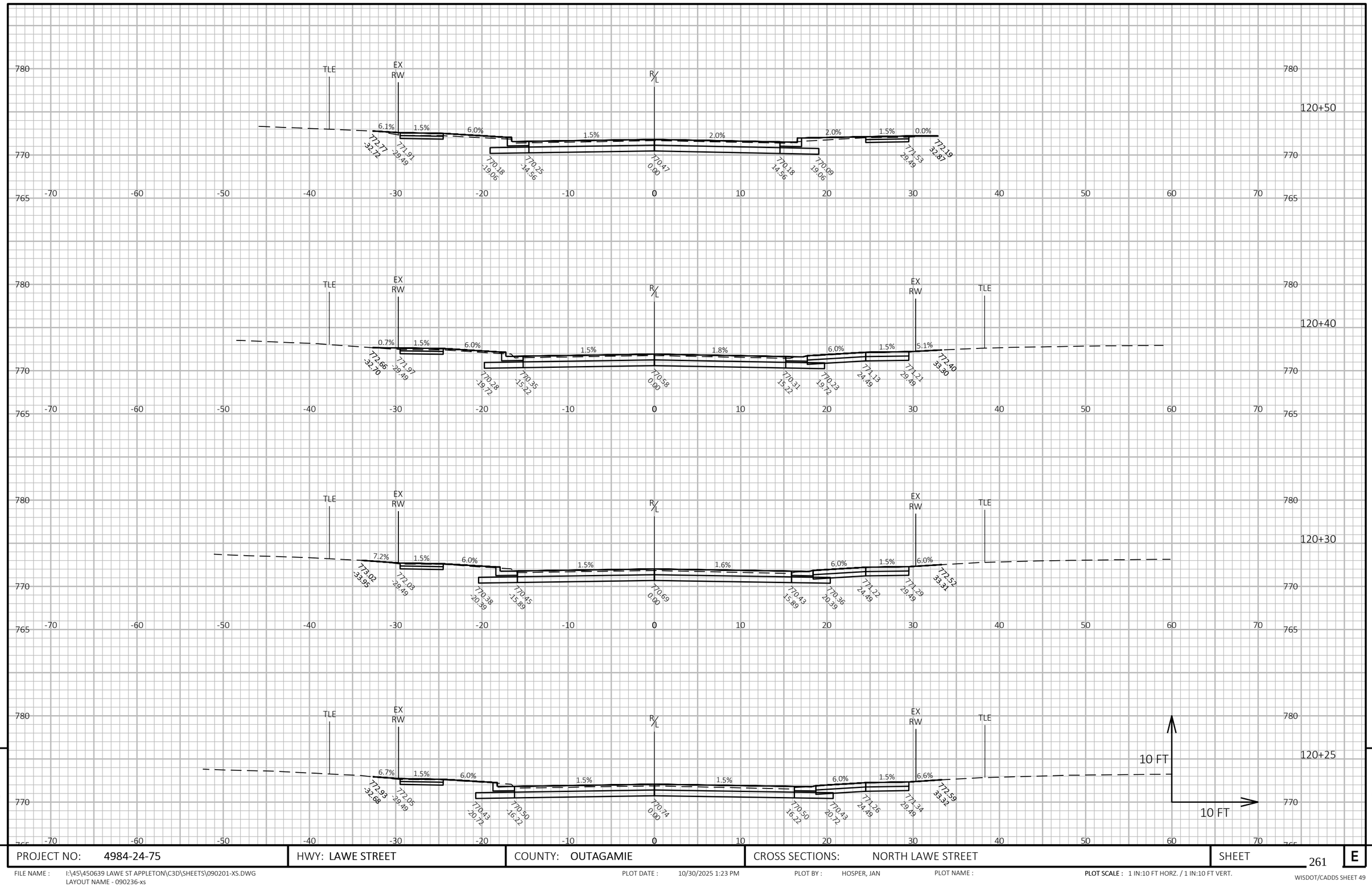
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PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	CROSS SECTIONS: NORTH LAWE STREET	SHEET 260	E

FILE NAME : I:\45\450639 LAWE ST APPLETON\C3D\SHEETS\090201-XS.DWG
LAYOUT NAME - 090235-xs

PLOT DATE : 10/30/2025 1:23 PM PLOT BY : HOSPER, JAN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

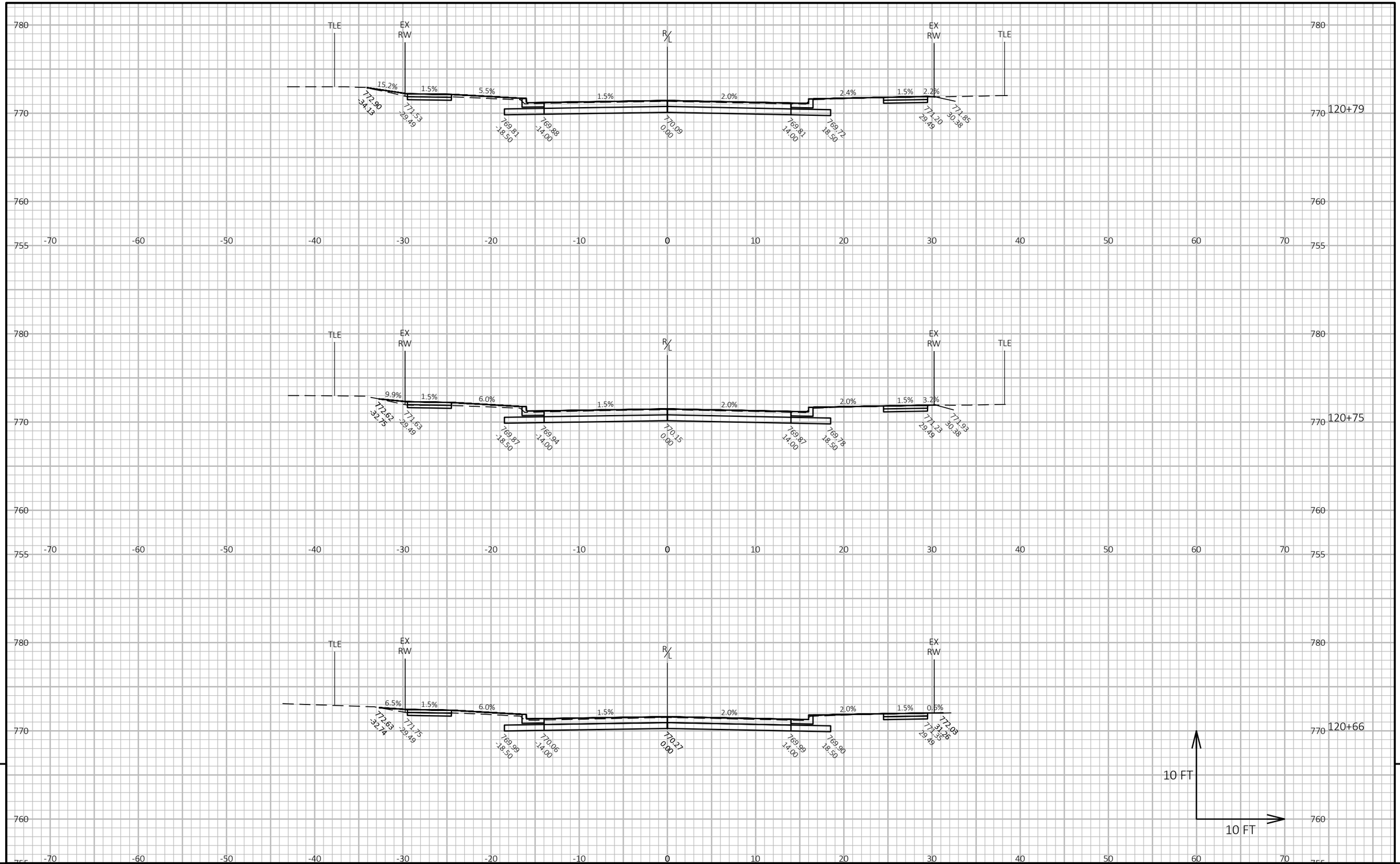
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PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	CROSS SECTIONS: NORTH LAWE STREET	SHEET 261	E

FILE NAME : I:\45\450639 LAWE ST APPLETON\C3D\SHEETS\090201-XS.DWG
LAYOUT NAME - 090236-xs

PLOT DATE : 10/30/2025 1:23 PM PLOT BY : HOSPER, JAN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

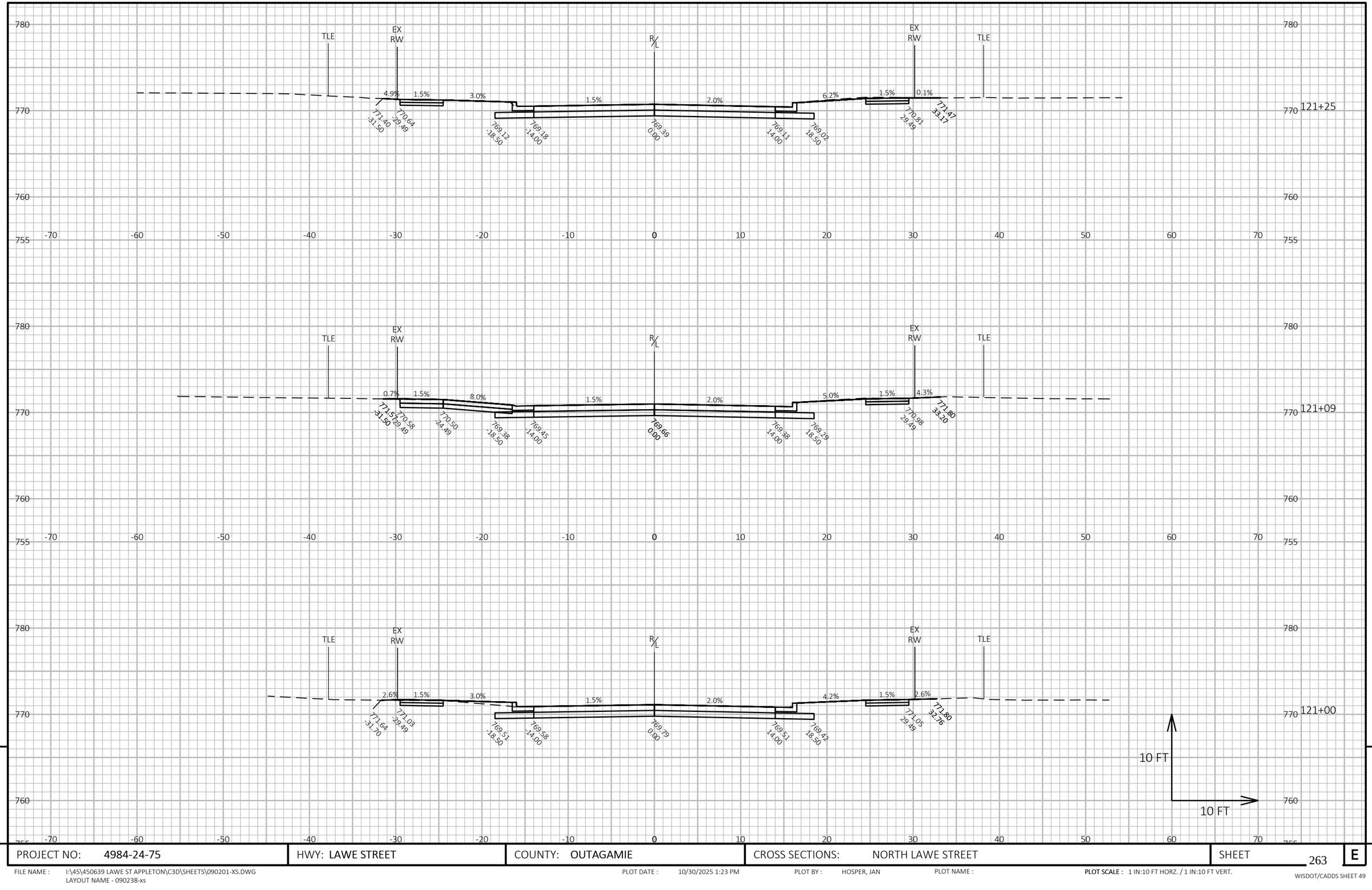
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PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	CROSS SECTIONS: NORTH LAWE STREET	SHEET 262	E

FILE NAME : I:\45\450639 LAWE ST APPLETON\C3D\SHEETS\090201-XS.DWG
LAYOUT NAME - 090237-xs

PLOT DATE : 10/30/2025 1:23 PM PLOT BY : HOSPER, JAN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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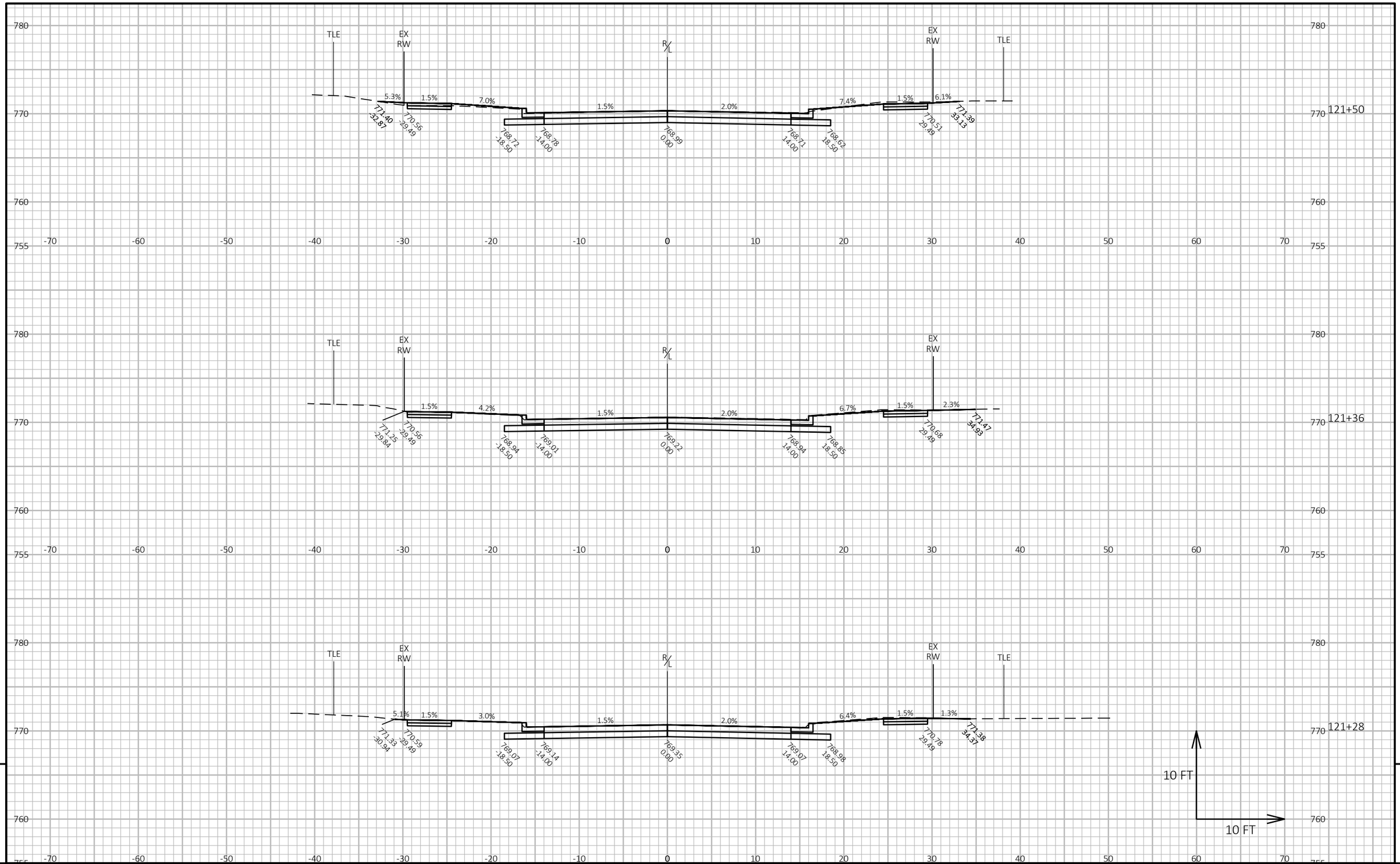
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PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	CROSS SECTIONS: NORTH LAWE STREET	SHEET 263	E

FILE NAME : I:\45\450639 LAWE ST APPLETON\C3D\SHEETS\090201-XS.DWG
LAYOUT NAME - 090238-xs

PLOT DATE : 10/30/2025 1:23 PM PLOT BY : HOSPER, JAN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

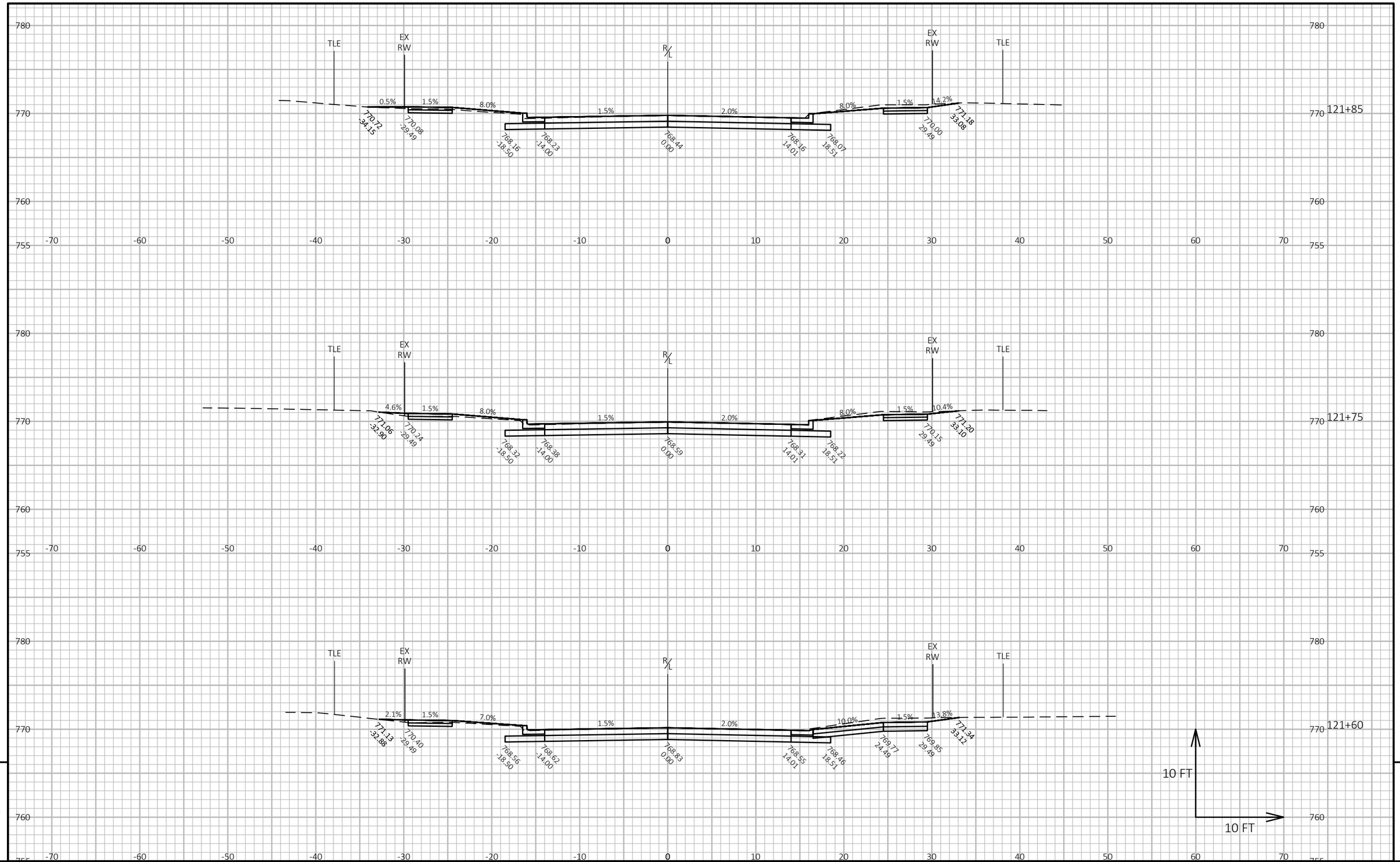
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PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	CROSS SECTIONS: NORTH LAWE STREET	SHEET 264	E

FILE NAME : I:\45\450639 LAWE ST APPLETON\C3D\SHEETS\090201-XS.DWG
LAYOUT NAME - 090239-xs

PLOT DATE : 10/30/2025 1:23 PM PLOT BY : HOSPER, JAN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



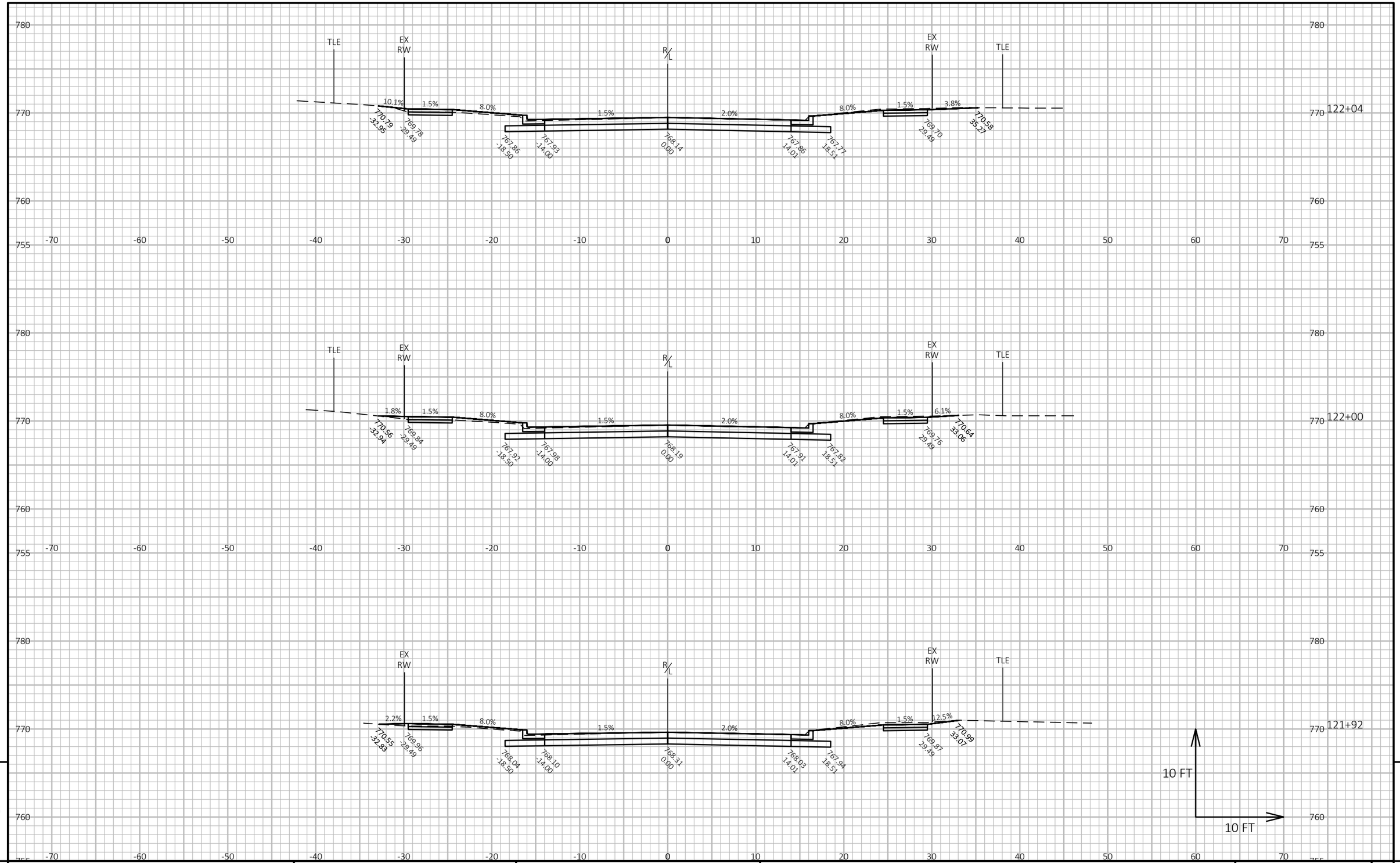
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PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	CROSS SECTIONS: NORTH LAWE STREET	SHEET 265	E

FILE NAME : I:\45\450639 LAWE ST APPLETON\C3D\SHEETS\090201-XS.DWG
LAYOUT NAME - 090240-xs

PLOT DATE : 10/30/2025 1:23 PM PLOT BY : HOSPER, JAN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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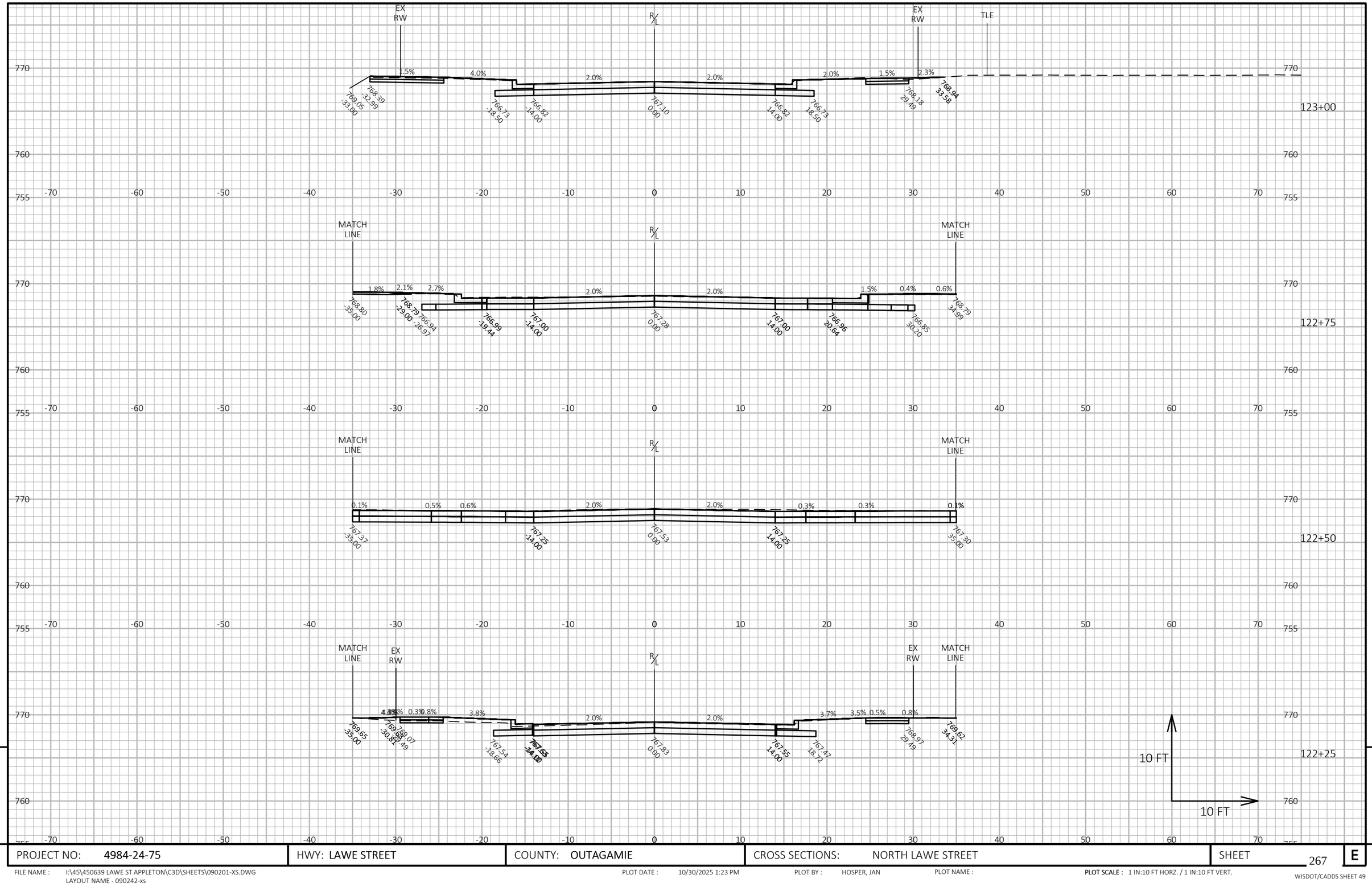
PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	CROSS SECTIONS: NORTH LAWE STREET	SHEET 266	E

FILE NAME : I:\45\450639 LAWE ST APPLETON\C3D\SHEETS\090201-XS.DWG
LAYOUT NAME - 090241-xs

PLOT DATE : 10/30/2025 1:23 PM PLOT BY : HOSPER, JAN PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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9

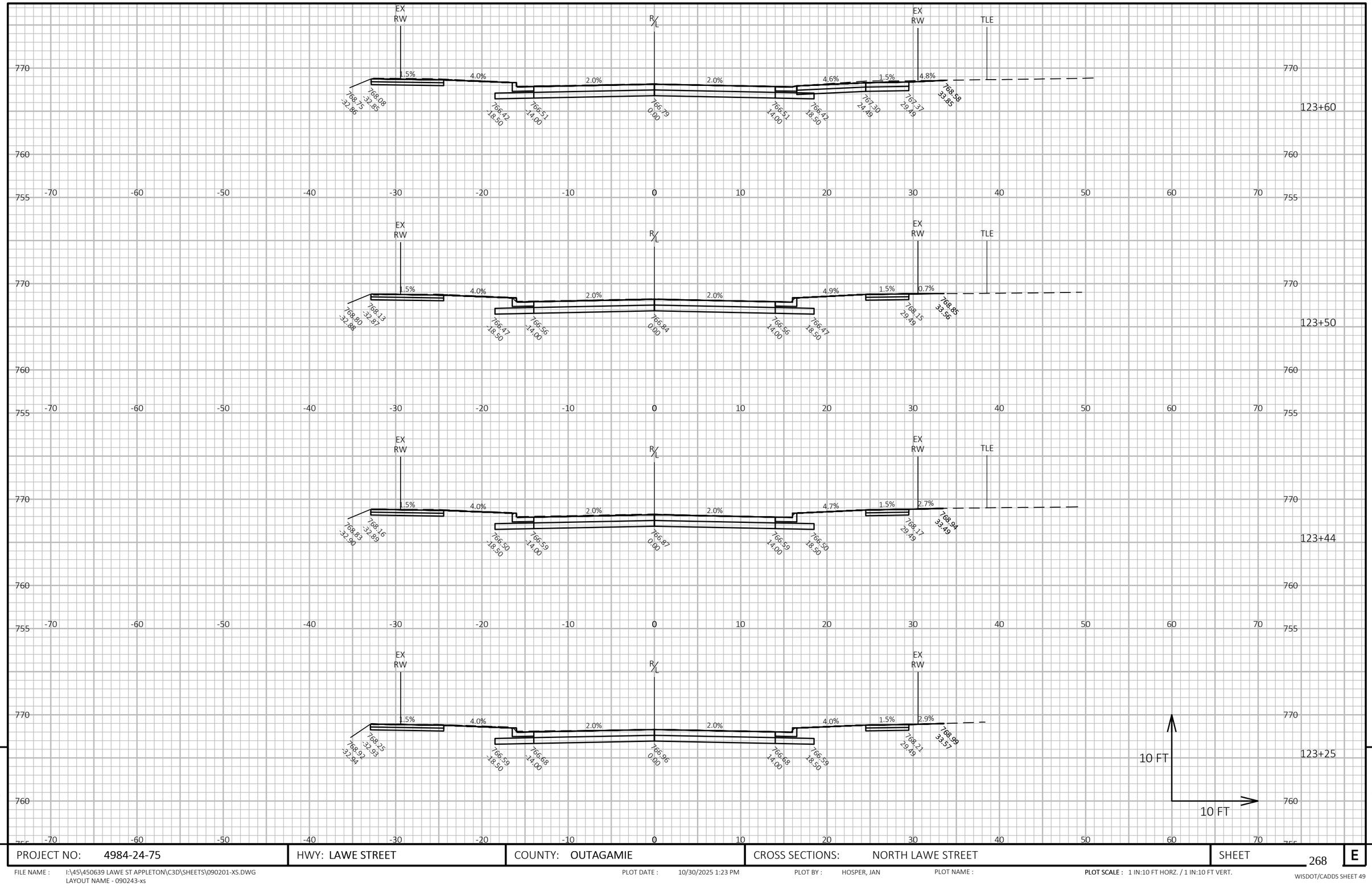
PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	CROSS SECTIONS: NORTH LAWE STREET	SHEET 267	E

FILE NAME : I:\45\450639 LAWE ST APPLETON\C3D\SHEETS\090201-XS.DWG
LAYOUT NAME - 090242-xs

PLOT DATE : 10/30/2025 1:23 PM PLOT BY : HOSPER, JAN PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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9

PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	CROSS SECTIONS: NORTH LAWE STREET	SHEET 268	E

FILE NAME : I:\45\450639 LAWE ST APPLETON\C3D\SHEETS\090201-XS.DWG
LAYOUT NAME - 090243-xs

PLOT DATE : 10/30/2025 1:23 PM PLOT BY : HOSPER, JAN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

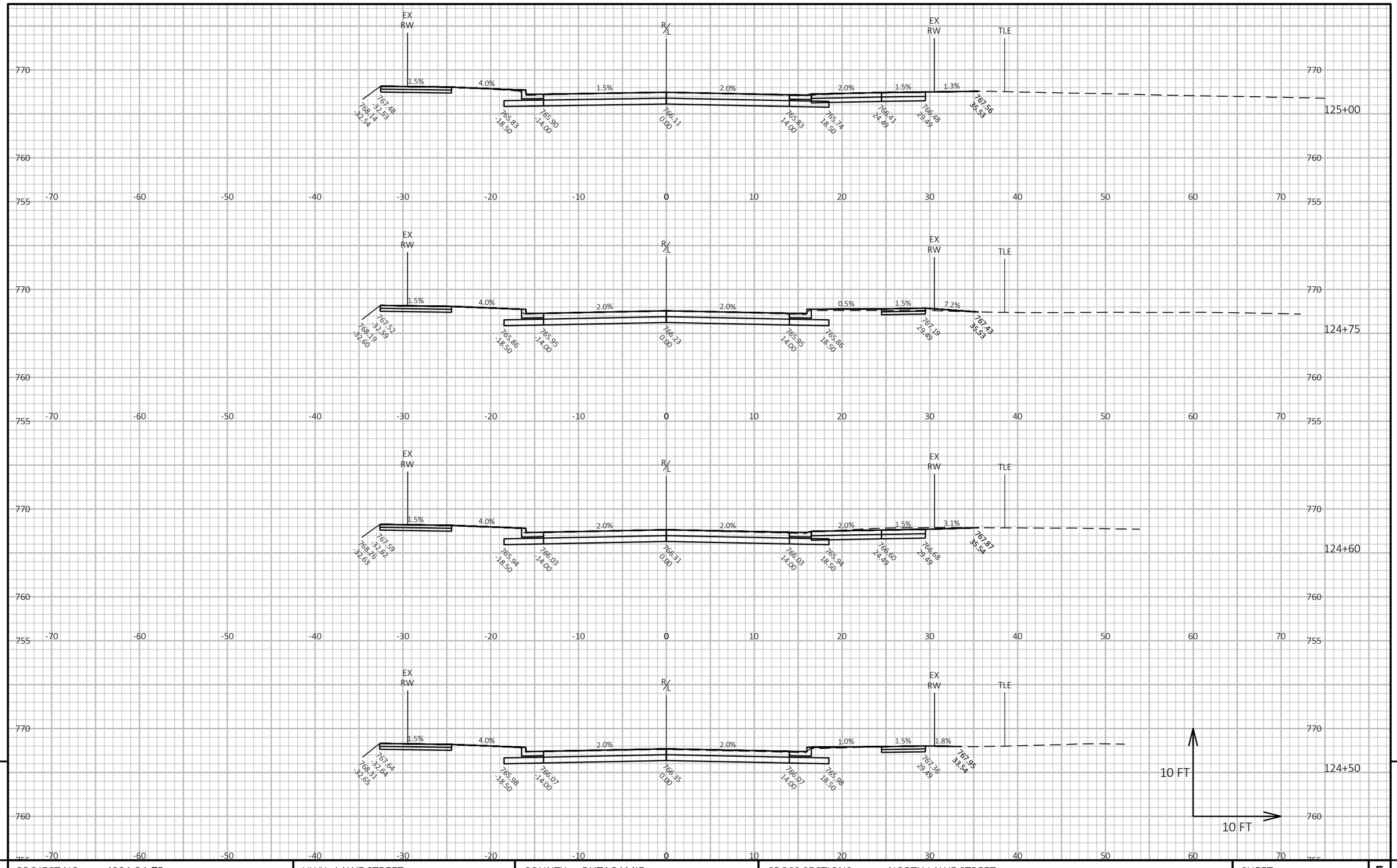
WISDOT/CADDS SHEET 49

PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	CROSS SECTIONS: NORTH LAWE STREET	SHEET 269	E

FILE NAME : I:\45\450639 LAWE ST APPLETON\C3D\SHEETS\090201-XS.DWG
LAYOUT NAME - 090244-xs

PLOT DATE : 10/30/2025 1:23 PM PLOT BY : HOSPER, JAN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

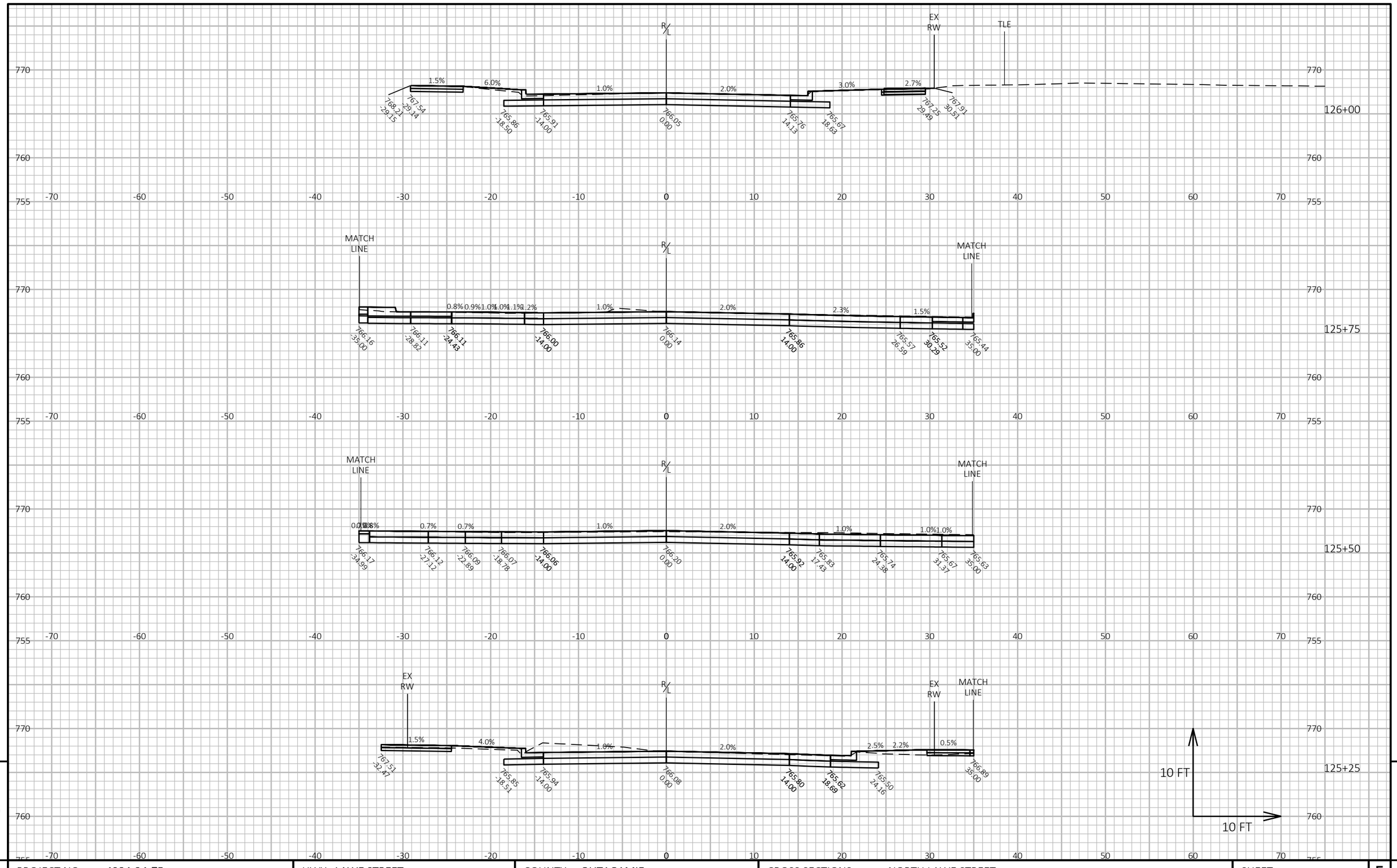
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PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	CROSS SECTIONS: NORTH LAWE STREET	SHEET 270	E

FILE NAME : I:\45\450639 LAWE ST APPLETON\C3D\SHEETS\090201-XS.DWG
LAYOUT NAME - 090245-xs

PLOT DATE : 10/30/2025 1:23 PM PLOT BY : HOSPER, JAN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

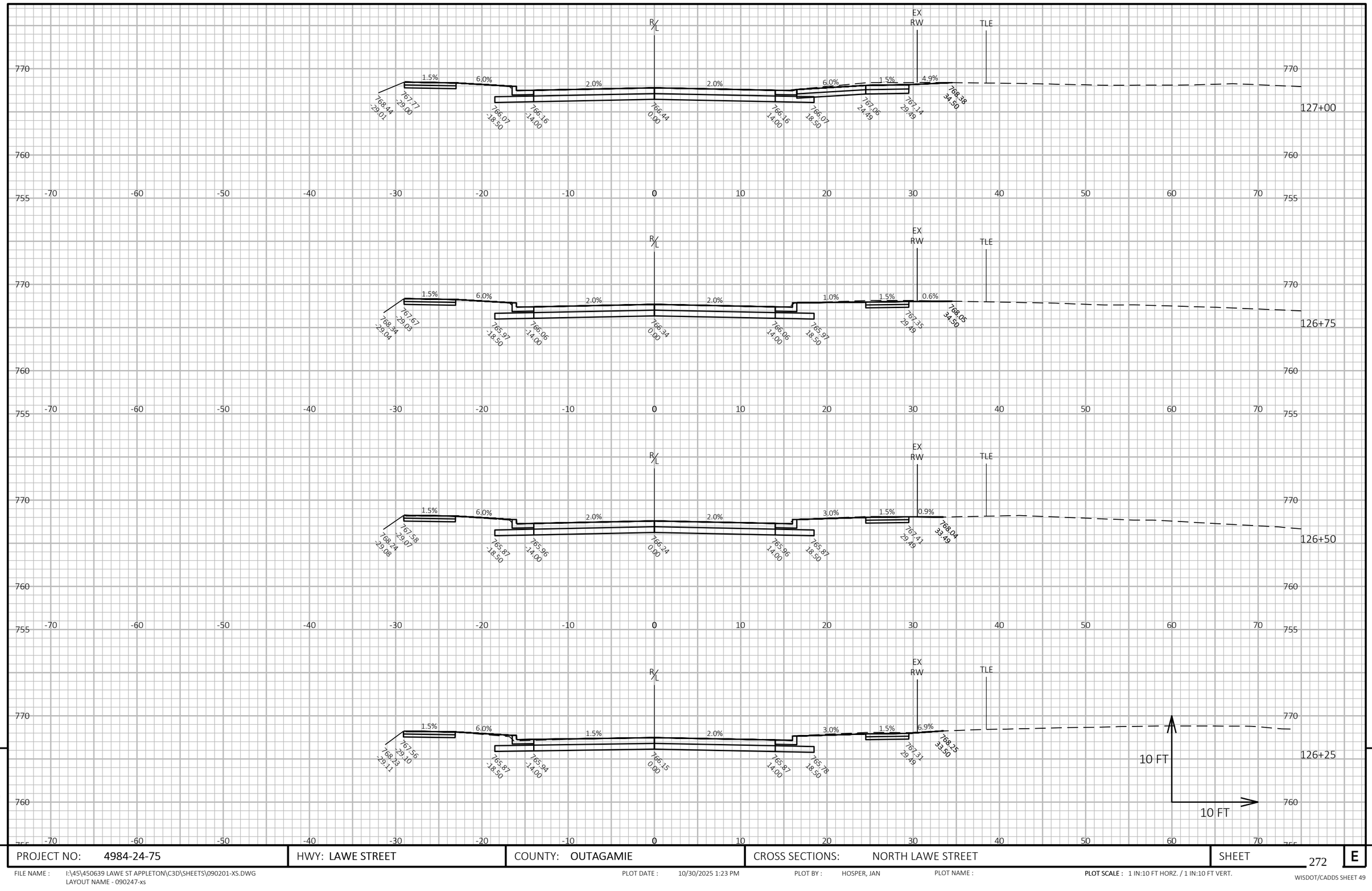


PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	CROSS SECTIONS: NORTH LAWE STREET	SHEET 271	E

FILE NAME : I:\45\450639 LAWE ST APPLETON\C3D\SHEETS\090201-XS.DWG
LAYOUT NAME - 090246-xs

PLOT DATE : 10/30/2025 1:23 PM PLOT BY : HOSPER, JAN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

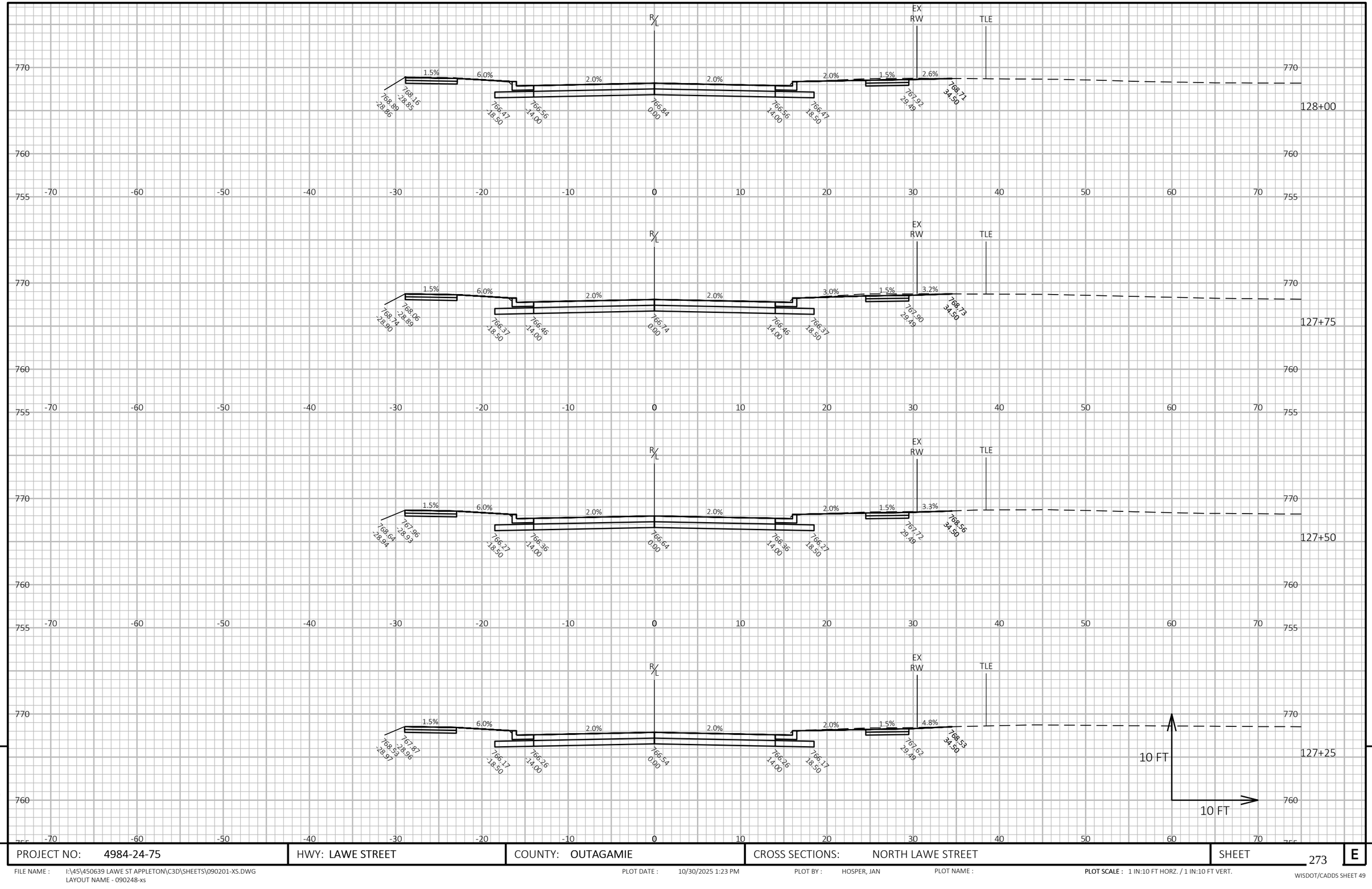


PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	CROSS SECTIONS: NORTH LAWE STREET	SHEET 272	E

FILE NAME : I:\45\450639 LAWE ST APPLETON\C3D\SHEETS\090201-XS.DWG
LAYOUT NAME - 090247-xs

PLOT DATE : 10/30/2025 1:23 PM PLOT BY : HOSPER, JAN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

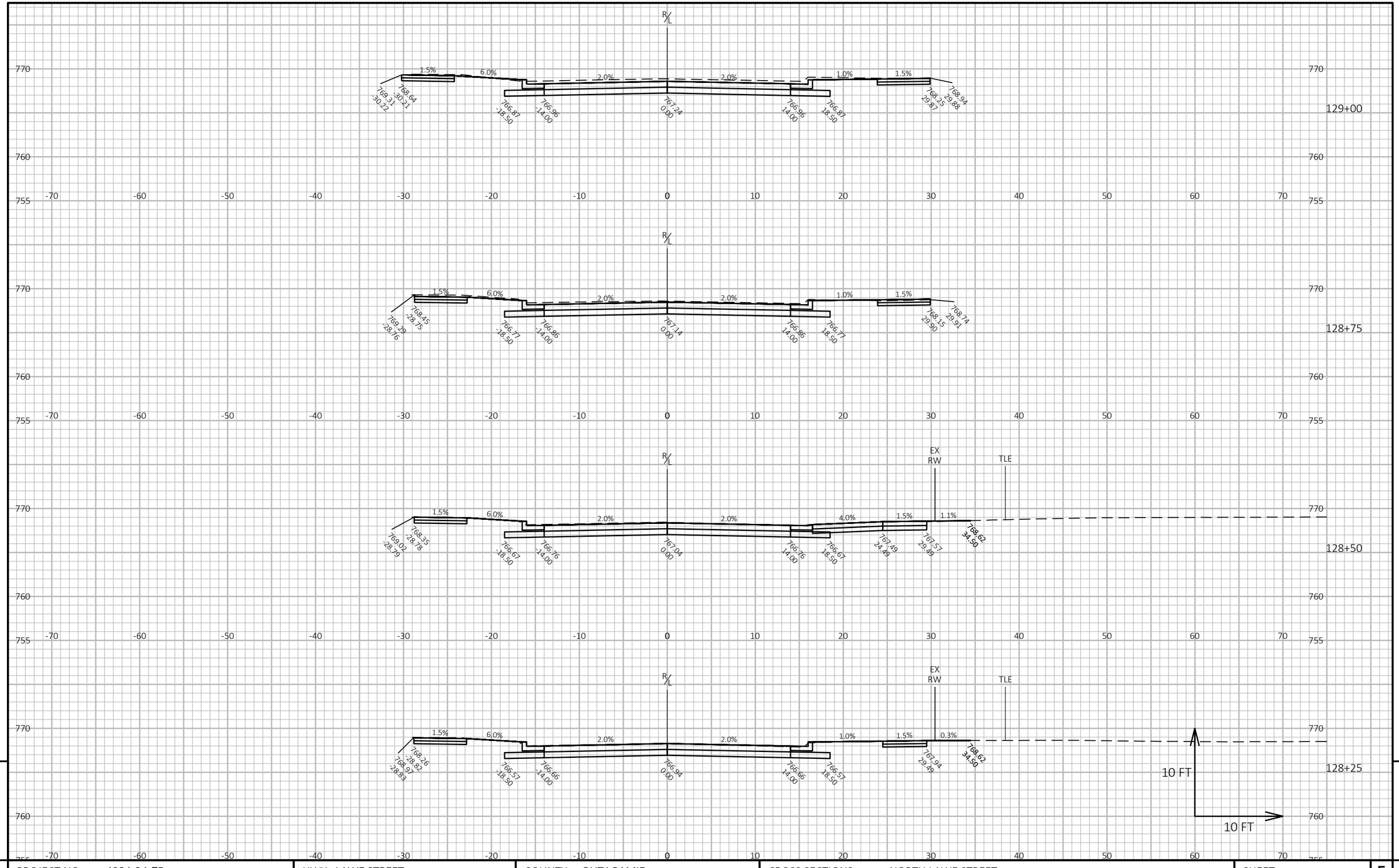


PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	CROSS SECTIONS: NORTH LAWE STREET	SHEET 273	E

FILE NAME : I:\45\450639 LAWE ST APPLETON\C3D\SHEETS\090201-XS.DWG
LAYOUT NAME - 090248-xs

PLOT DATE : 10/30/2025 1:23 PM PLOT BY : HOSPER, JAN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

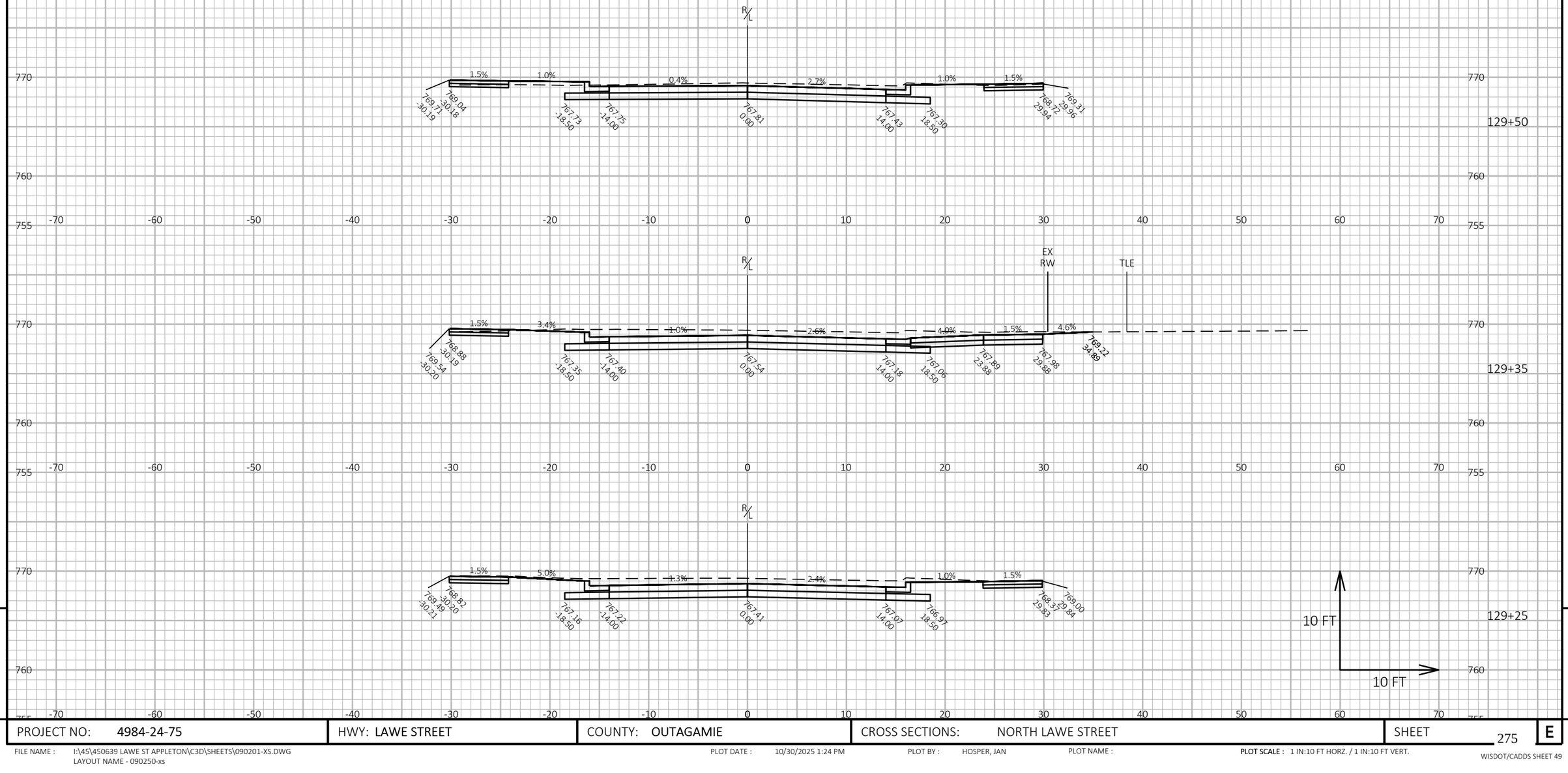


PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	CROSS SECTIONS: NORTH LAWE STREET	SHEET 274 E

FILE NAME : I:\45\450639 LAWE ST APPLETON\C3D\SHEETS\090201-XS.DWG
LAYOUT NAME - 090249-xs

PLOT DATE : 10/30/2025 1:23 PM PLOT BY : HOSPER, JAN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	CROSS SECTIONS: NORTH LAWE STREET	SHEET 275	E

FILE NAME : I:\45\450639 LAWE ST APPLETON\C3D\SHEETS\090201-XS.DWG
LAYOUT NAME - 090250-xs

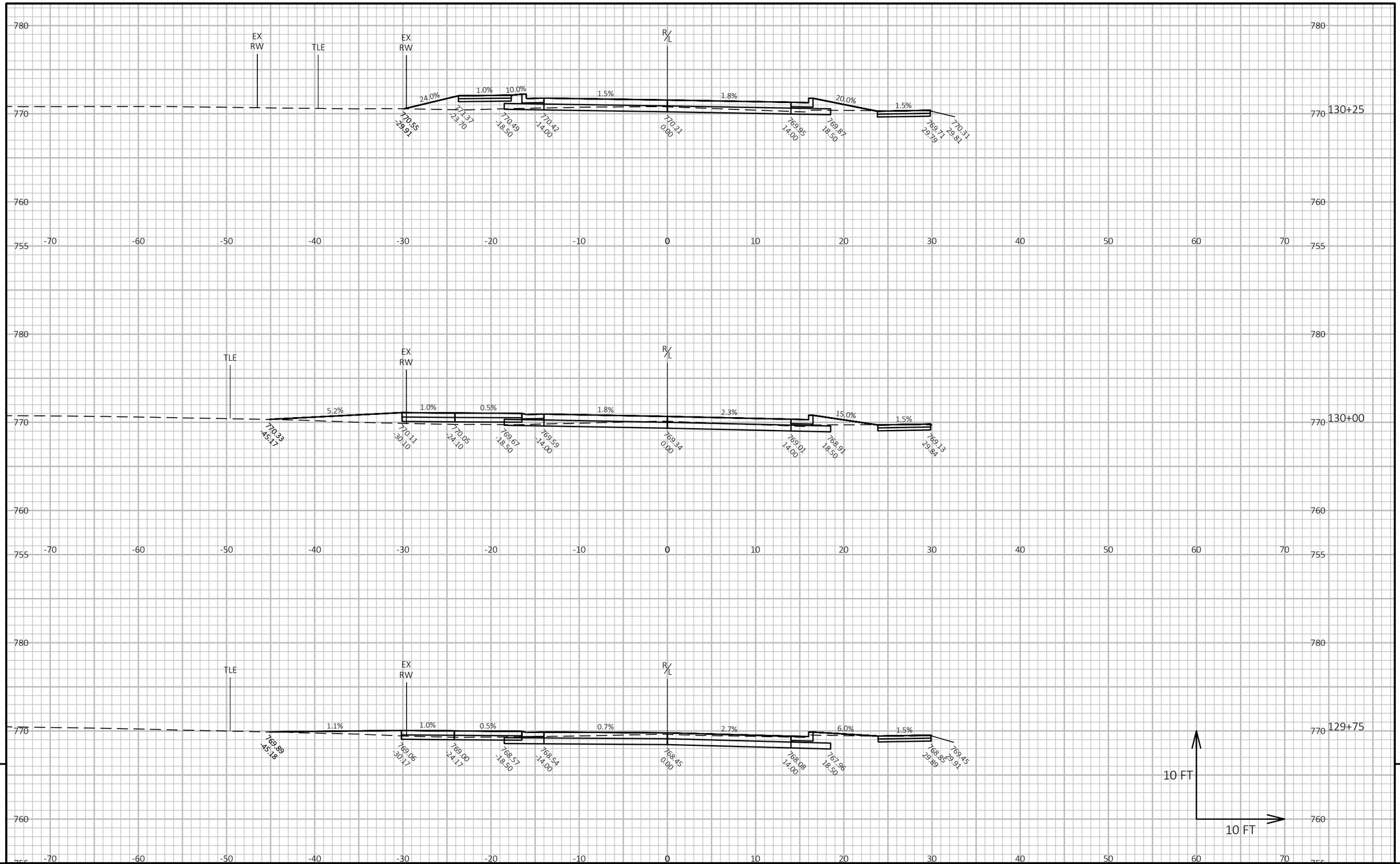
PLOT DATE : 10/30/2025 1:24 PM

PLOT BY : HOSPER, JAN

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

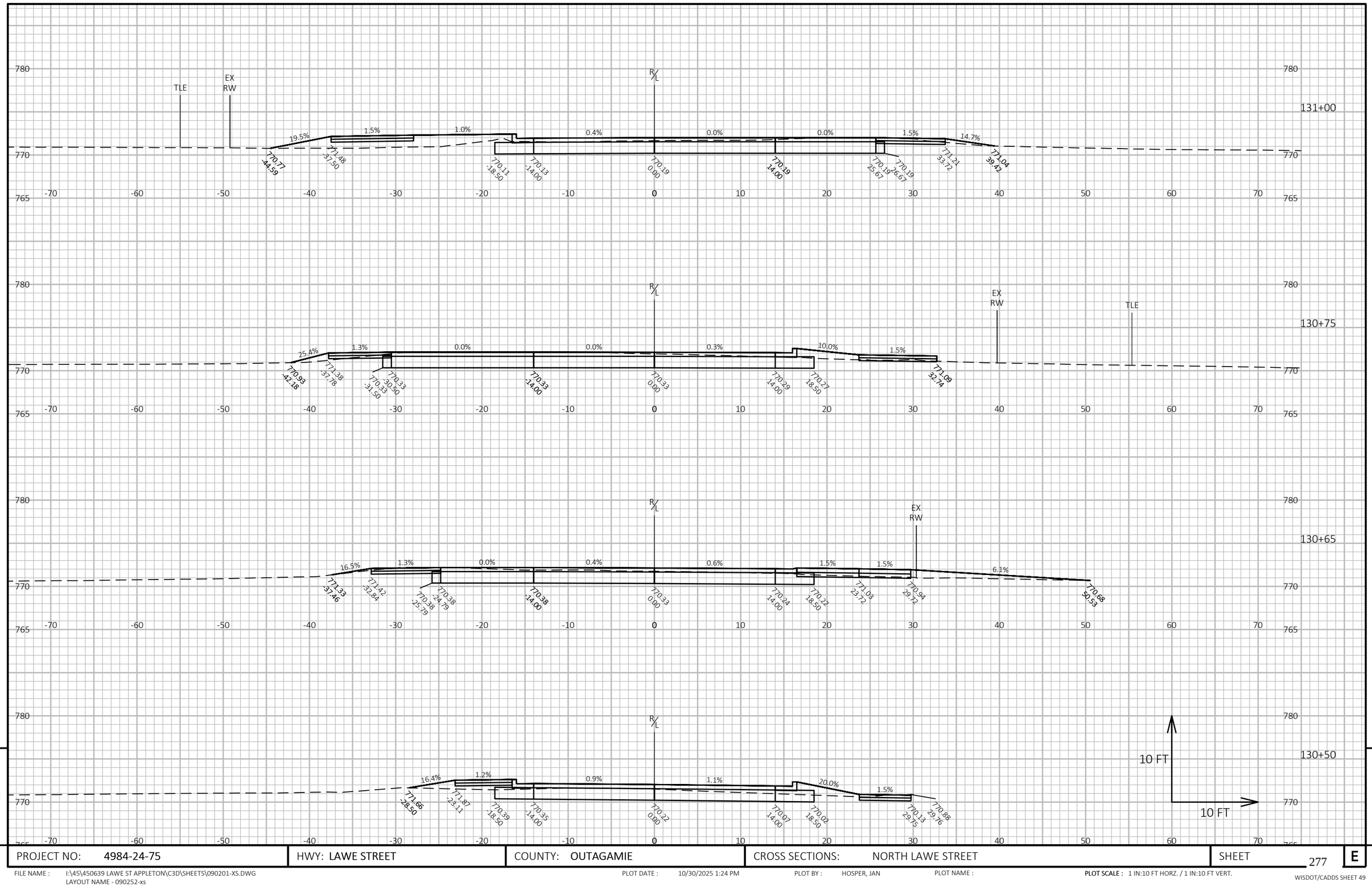
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PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	CROSS SECTIONS: NORTH LAWE STREET	SHEET 276	E

FILE NAME : I:\45\450639 LAWE ST APPLETON\C3D\SHEETS\090201-XS.DWG
LAYOUT NAME - 090251-xs

PLOT DATE : 10/30/2025 1:24 PM PLOT BY : HOSPER, JAN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

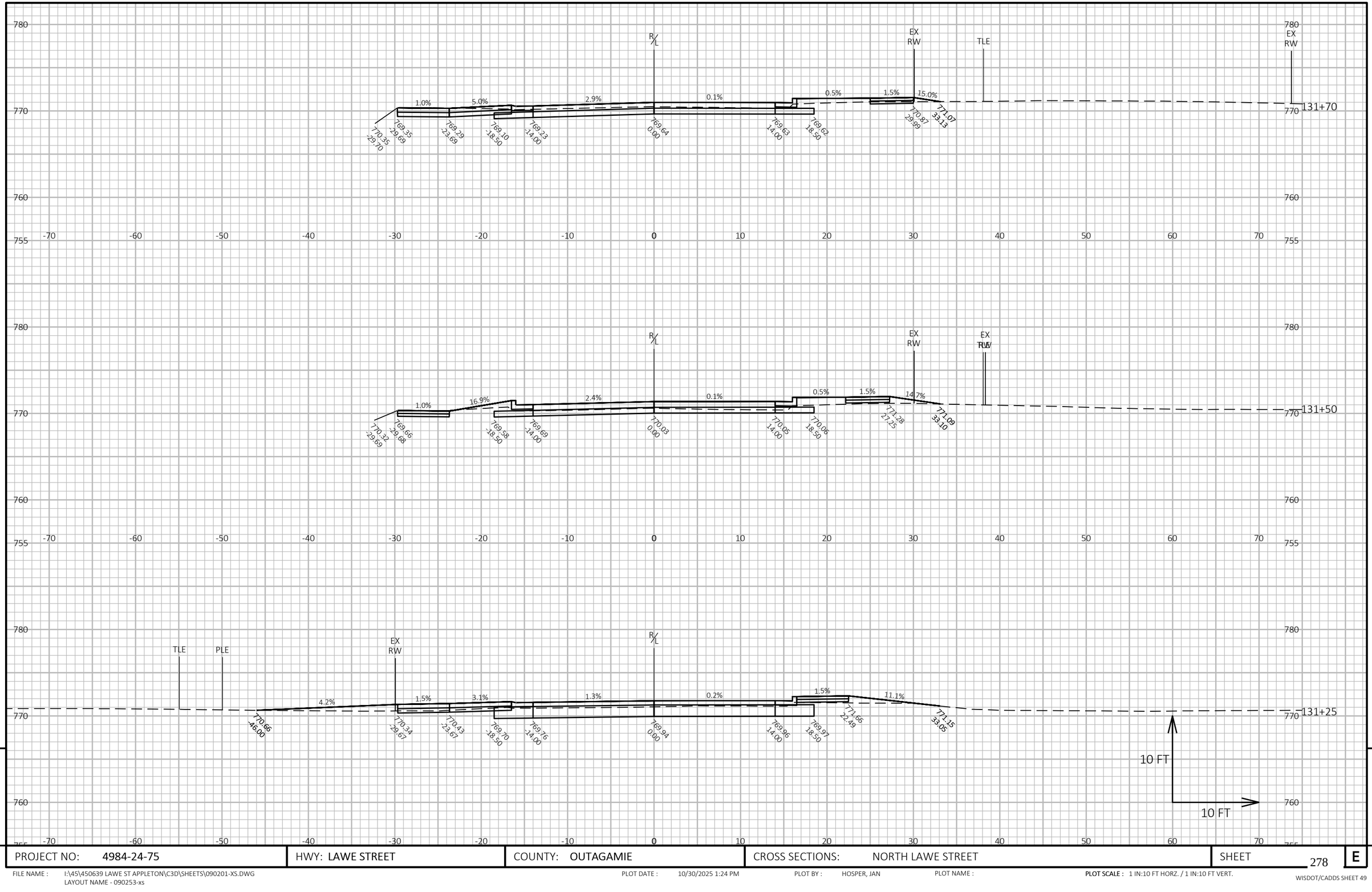
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PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	CROSS SECTIONS: NORTH LAWE STREET	SHEET 277	E

FILE NAME : I:\45\450639 LAWE ST APPLETON\C3D\SHEETS\090201-XS.DWG
LAYOUT NAME - 090252-xs

PLOT DATE : 10/30/2025 1:24 PM PLOT BY : HOSPER, JAN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

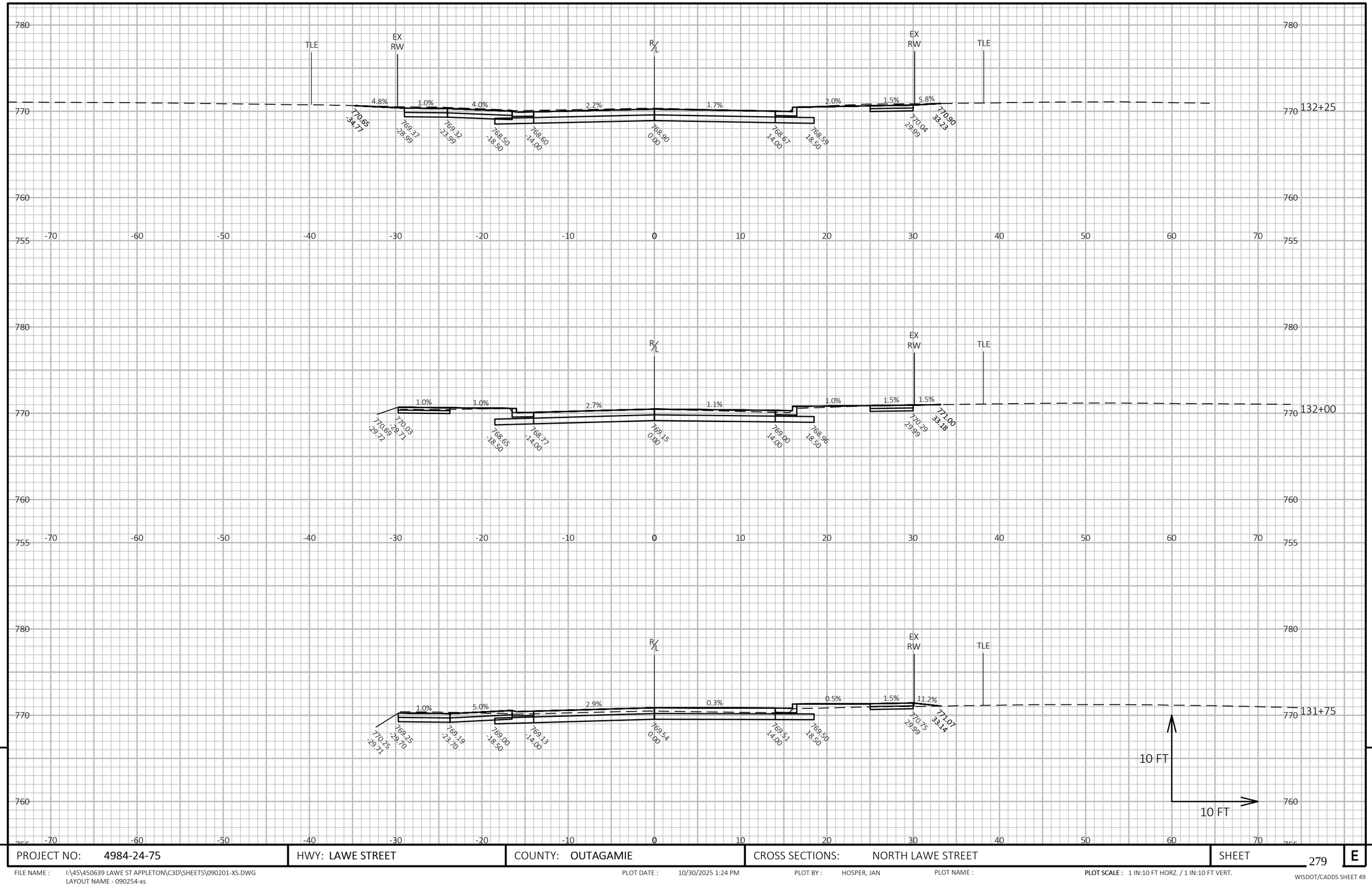
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PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	CROSS SECTIONS: NORTH LAWE STREET	SHEET 278 E

FILE NAME : I:\45\450639 LAWE ST APPLETON\C3D\SHEETS\090201-XS.DWG
LAYOUT NAME - 090253-xs

PLOT DATE : 10/30/2025 1:24 PM PLOT BY : HOSPER, JAN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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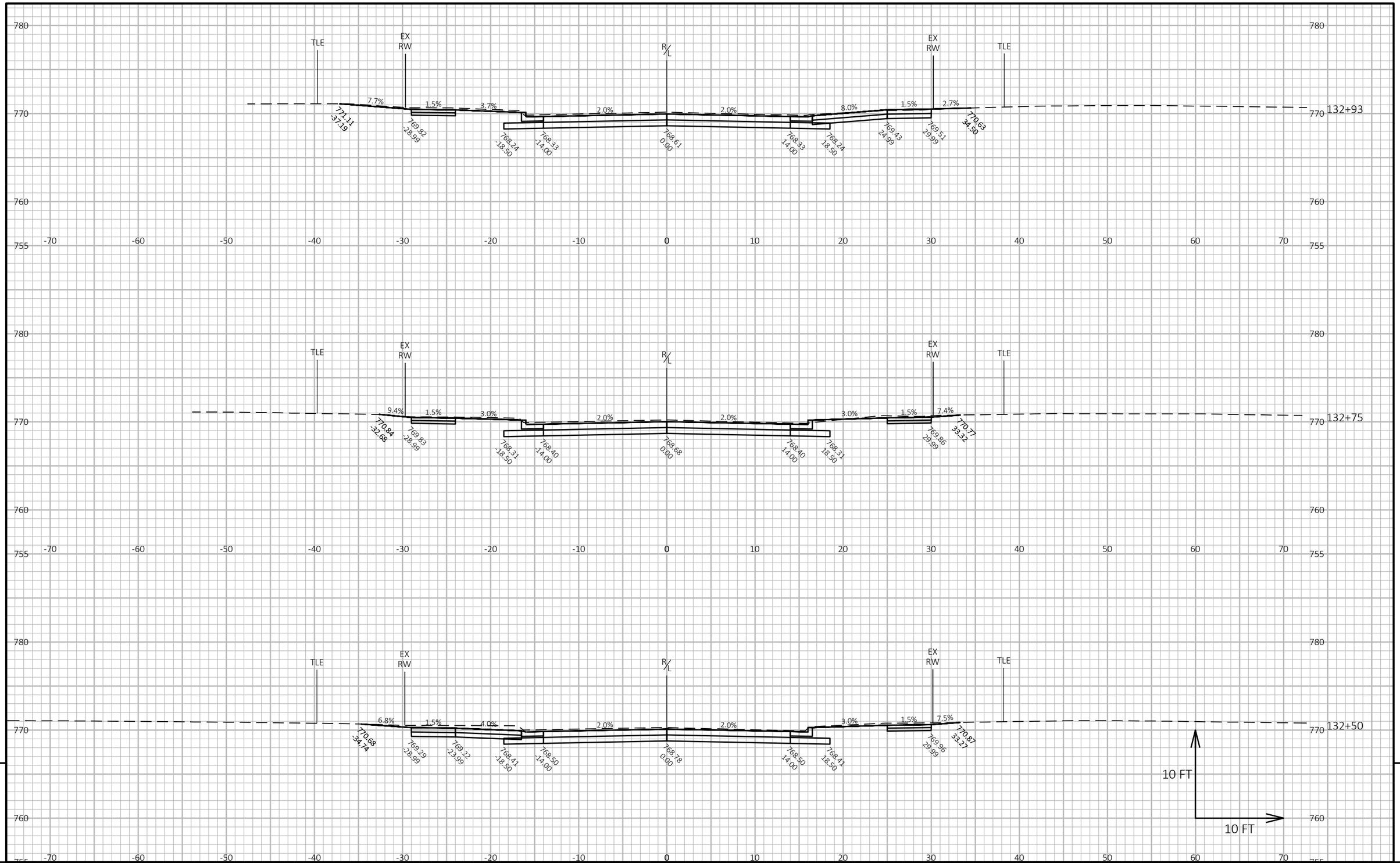
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PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	CROSS SECTIONS: NORTH LAWE STREET	SHEET 279	E

FILE NAME : I:\45\450639 LAWE ST APPLETON\C3D\SHEETS\090201-XS.DWG
LAYOUT NAME - 090254-xs

PLOT DATE : 10/30/2025 1:24 PM PLOT BY : HOSPER, JAN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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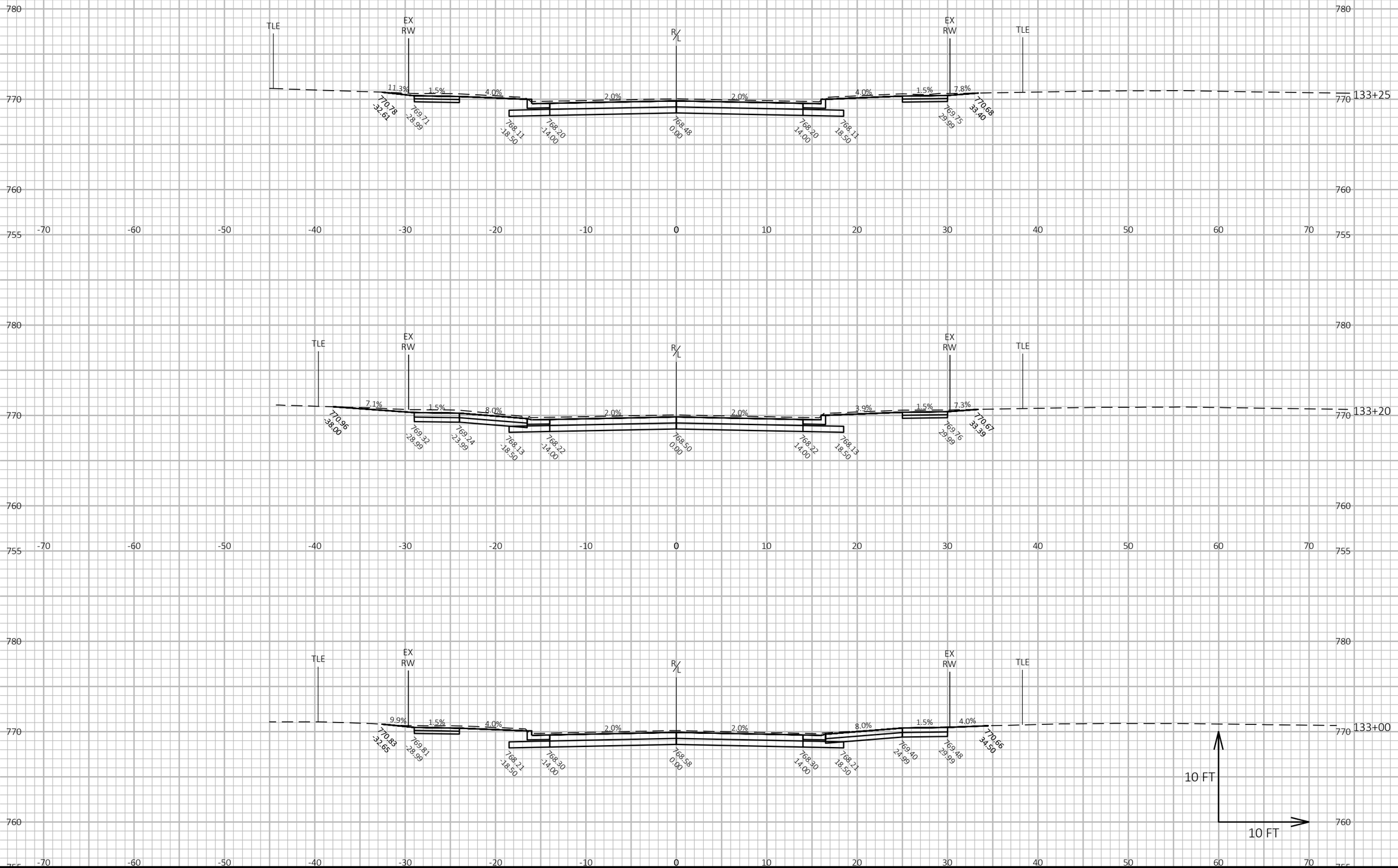
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PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	CROSS SECTIONS: NORTH LAWE STREET	SHEET 280	E

FILE NAME : I:\45\450639 LAWE ST APPLETON\C3D\SHEETS\090201-XS.DWG
LAYOUT NAME - 090255-xs

PLOT DATE : 10/30/2025 1:24 PM PLOT BY : HOSPER, JAN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	CROSS SECTIONS: NORTH LAWE STREET	SHEET 281	E

FILE NAME : I:\45\450639 LAWE ST APPLETON\C3D\SHEETS\090201-XS.DWG
LAYOUT NAME - 090256-xs

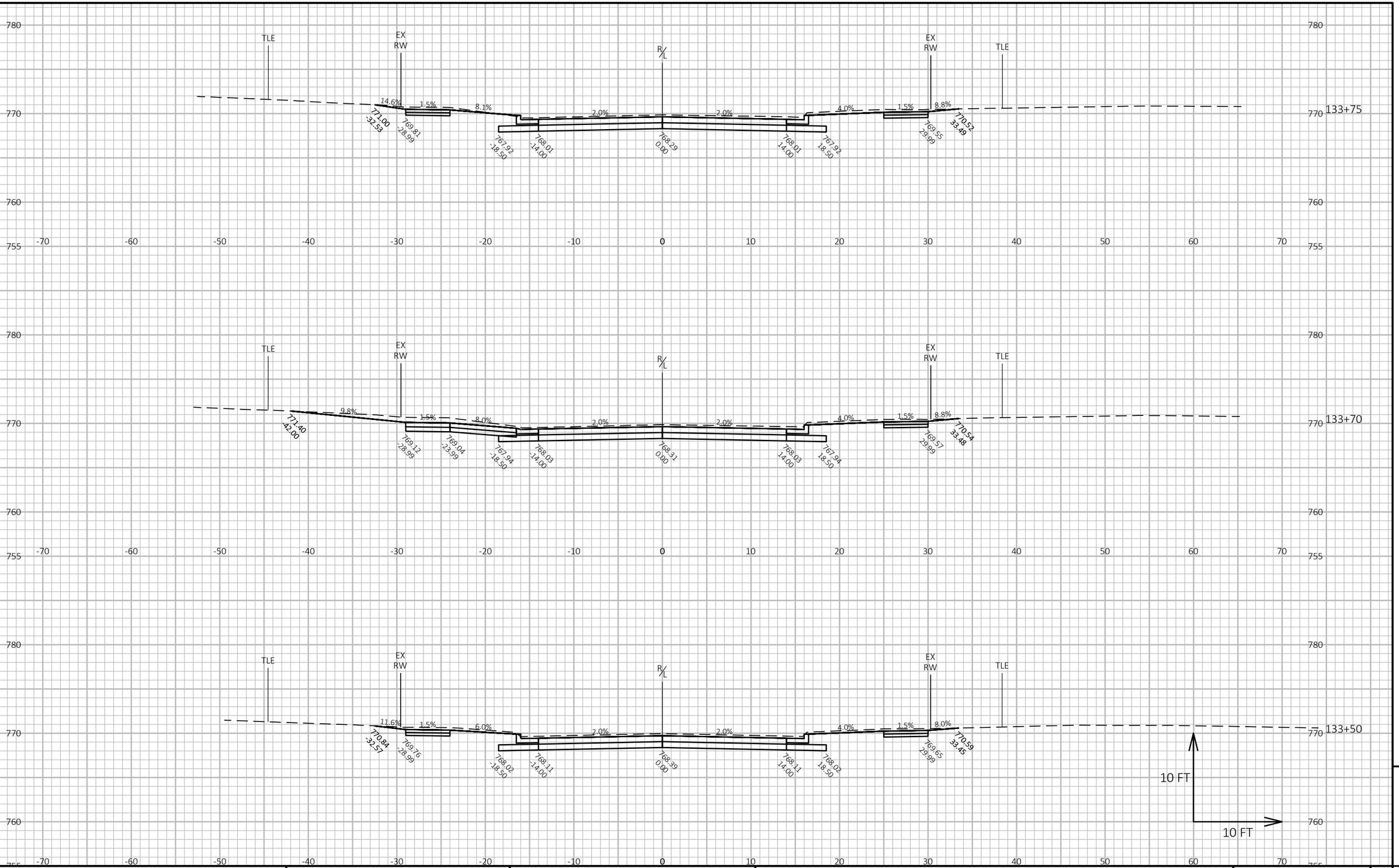
PLOT DATE : 10/30/2025 1:24 PM

PLOT BY : HOSPER, JAN

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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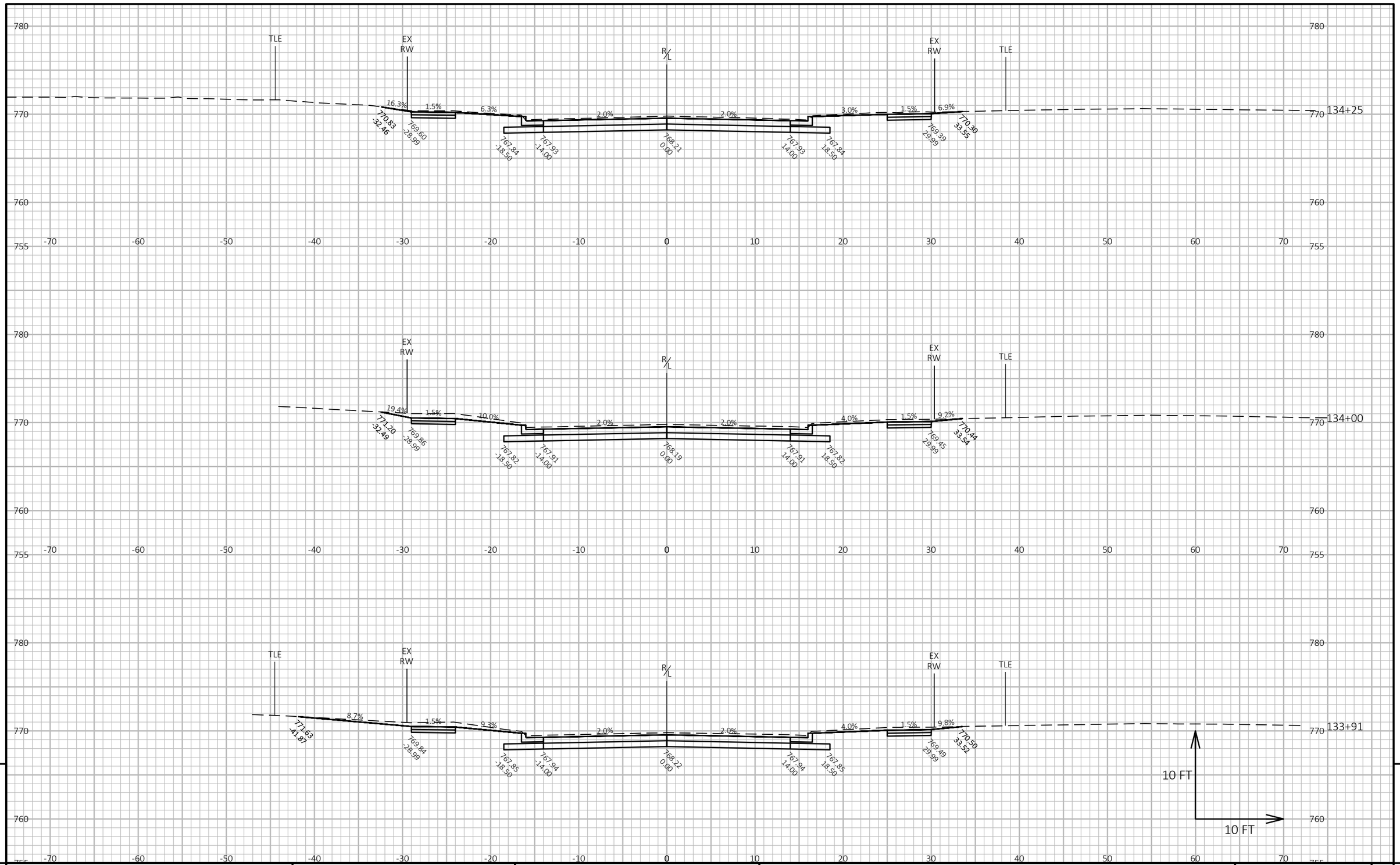
PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	CROSS SECTIONS: NORTH LAWE STREET	SHEET 282	E

FILE NAME : I:\45\450639 LAWE ST APPLETON\C3D\SHEETS\090201-XS.DWG
LAYOUT NAME - 090257-xs

PLOT DATE : 10/30/2025 1:24 PM PLOT BY : HOSPER, JAN PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

9

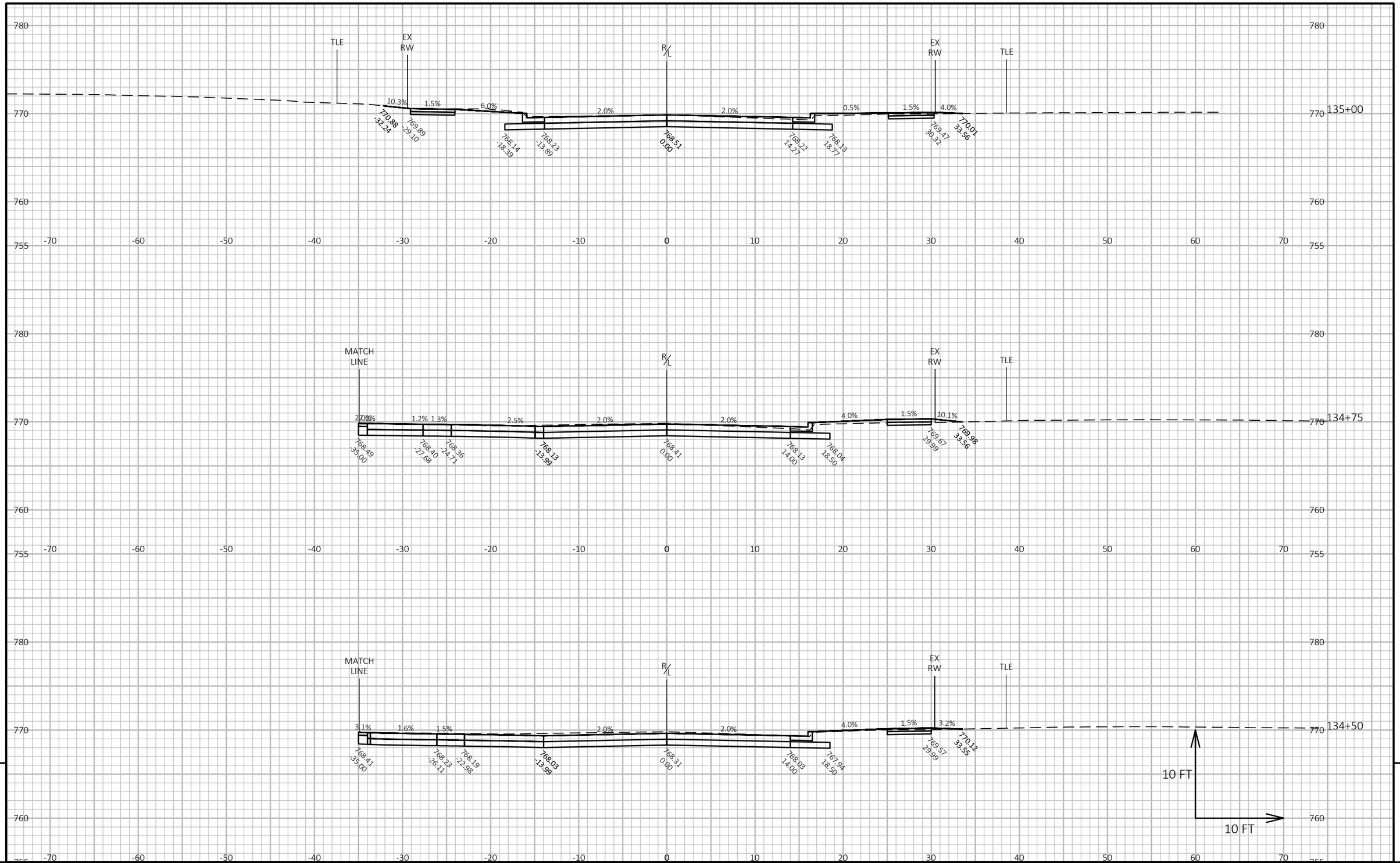
PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	CROSS SECTIONS: NORTH LAWE STREET	SHEET 283	E

FILE NAME : I:\45\450639 LAWE ST APPLETON\C3D\SHEETS\090201-XS.DWG
LAYOUT NAME - 090258-xs

PLOT DATE : 10/30/2025 1:24 PM PLOT BY : HOSPER, JAN PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

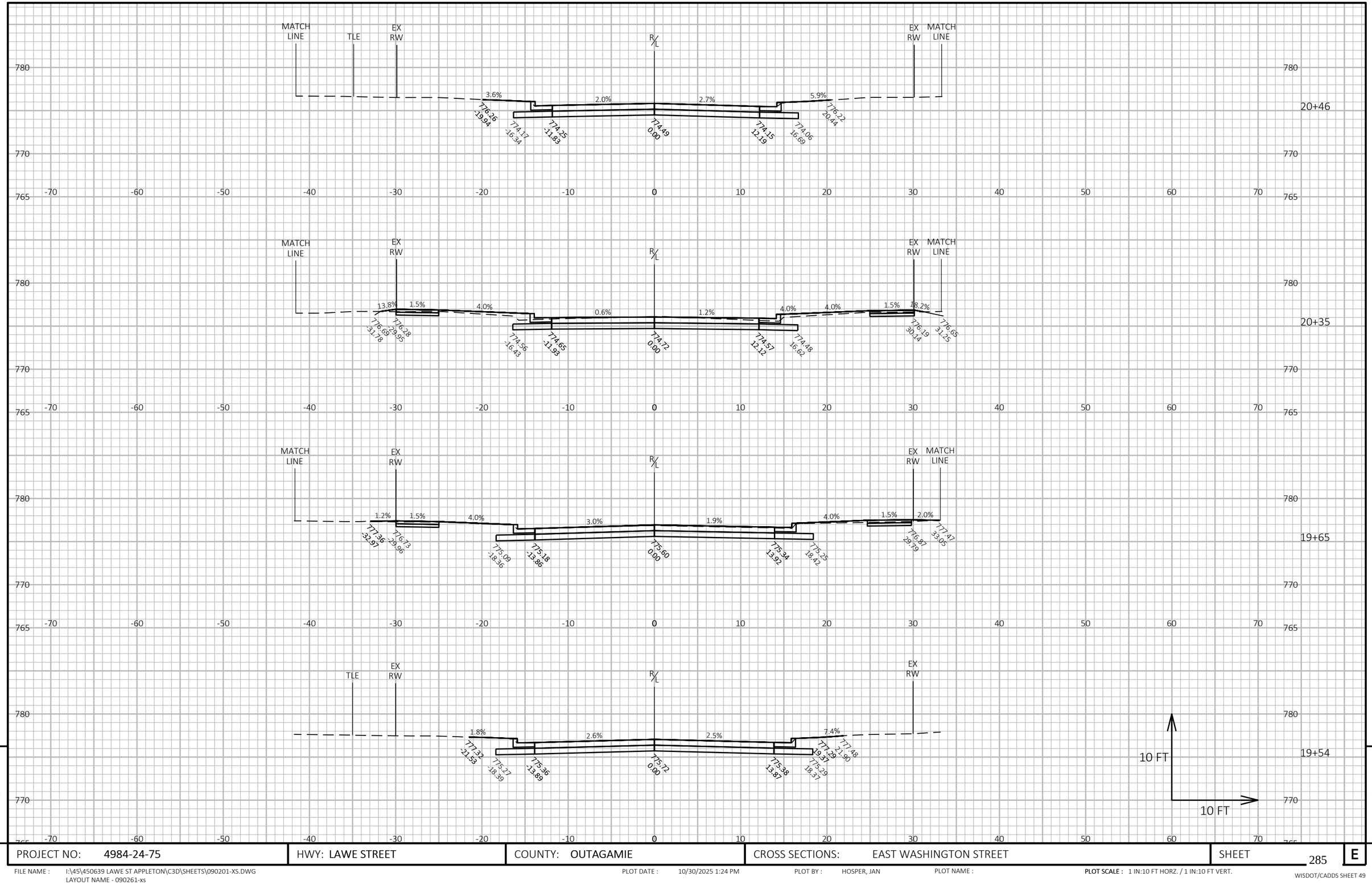


PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	CROSS SECTIONS: NORTH LAWE STREET	SHEET 284	E

FILE NAME : I:\45\450639 LAWE ST APPLETON\C3D\SHEETS\090201-XS.DWG
LAYOUT NAME - 090259-xs

PLOT DATE : 10/30/2025 1:24 PM PLOT BY : HOSPER, JAN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

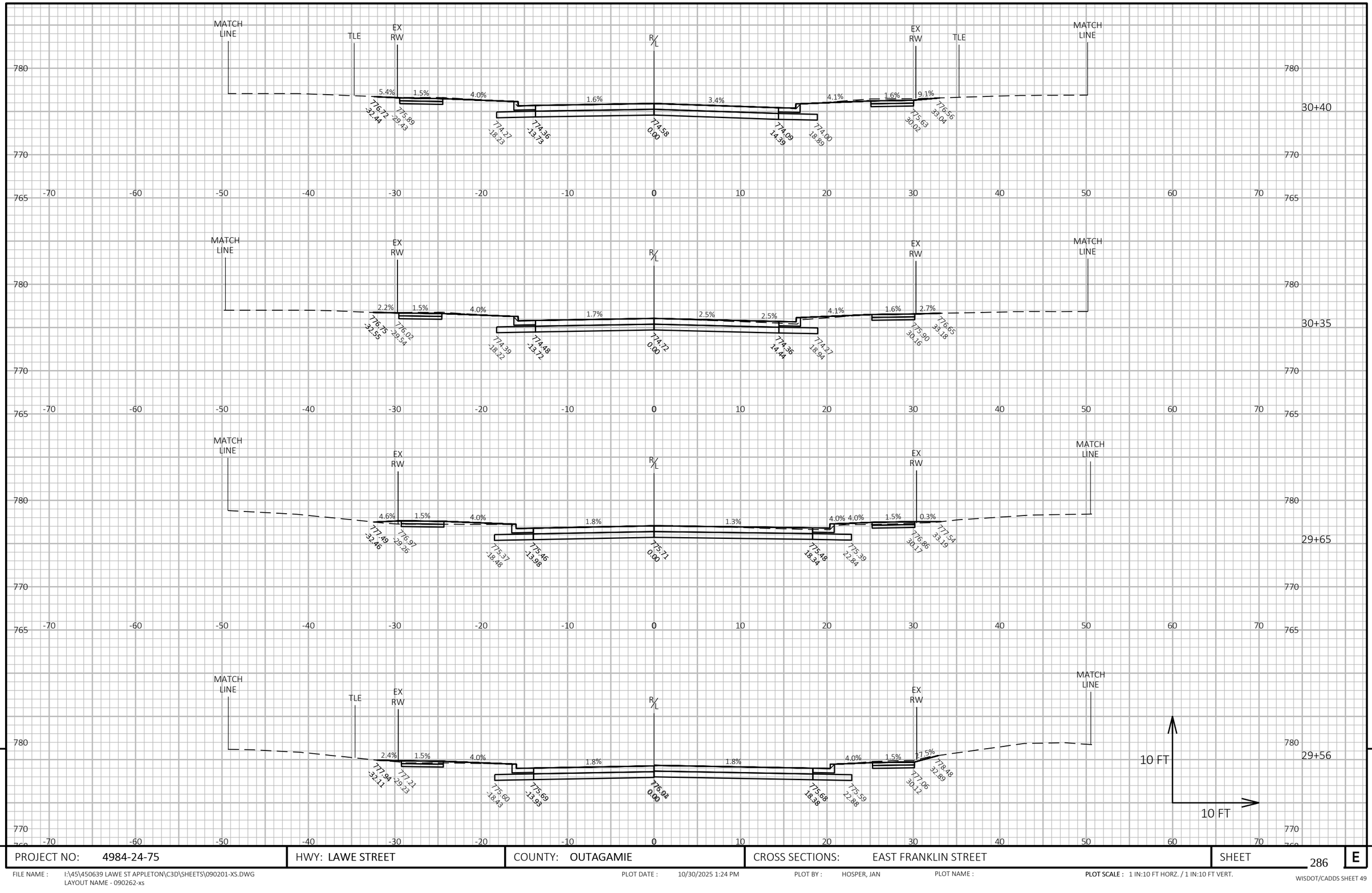


PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	CROSS SECTIONS: EAST WASHINGTON STREET	SHEET 285	E

FILE NAME : I:\45\450639 LAWE ST APPLETON\C3D\SHEETS\090201-XS.DWG
LAYOUT NAME - 090261-xs

PLOT DATE : 10/30/2025 1:24 PM PLOT BY : HOSPER, JAN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

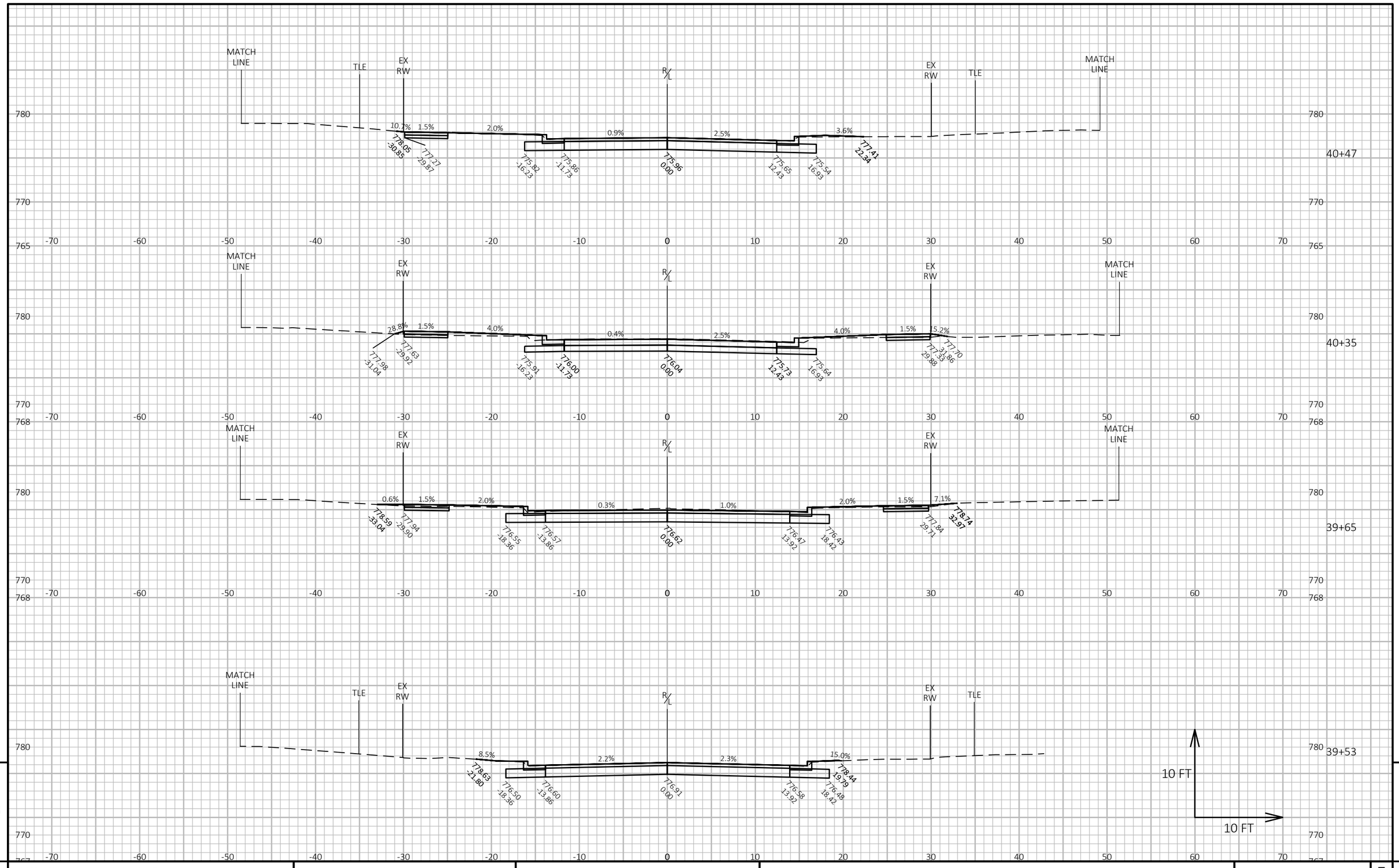


PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	CROSS SECTIONS: EAST FRANKLIN STREET	SHEET 286	E

FILE NAME : I:\45\450639 LAWE ST APPLETON\C3D\SHEETS\090201-XS.DWG
LAYOUT NAME - 090262-xs

PLOT DATE : 10/30/2025 1:24 PM PLOT BY : HOSPER, JAN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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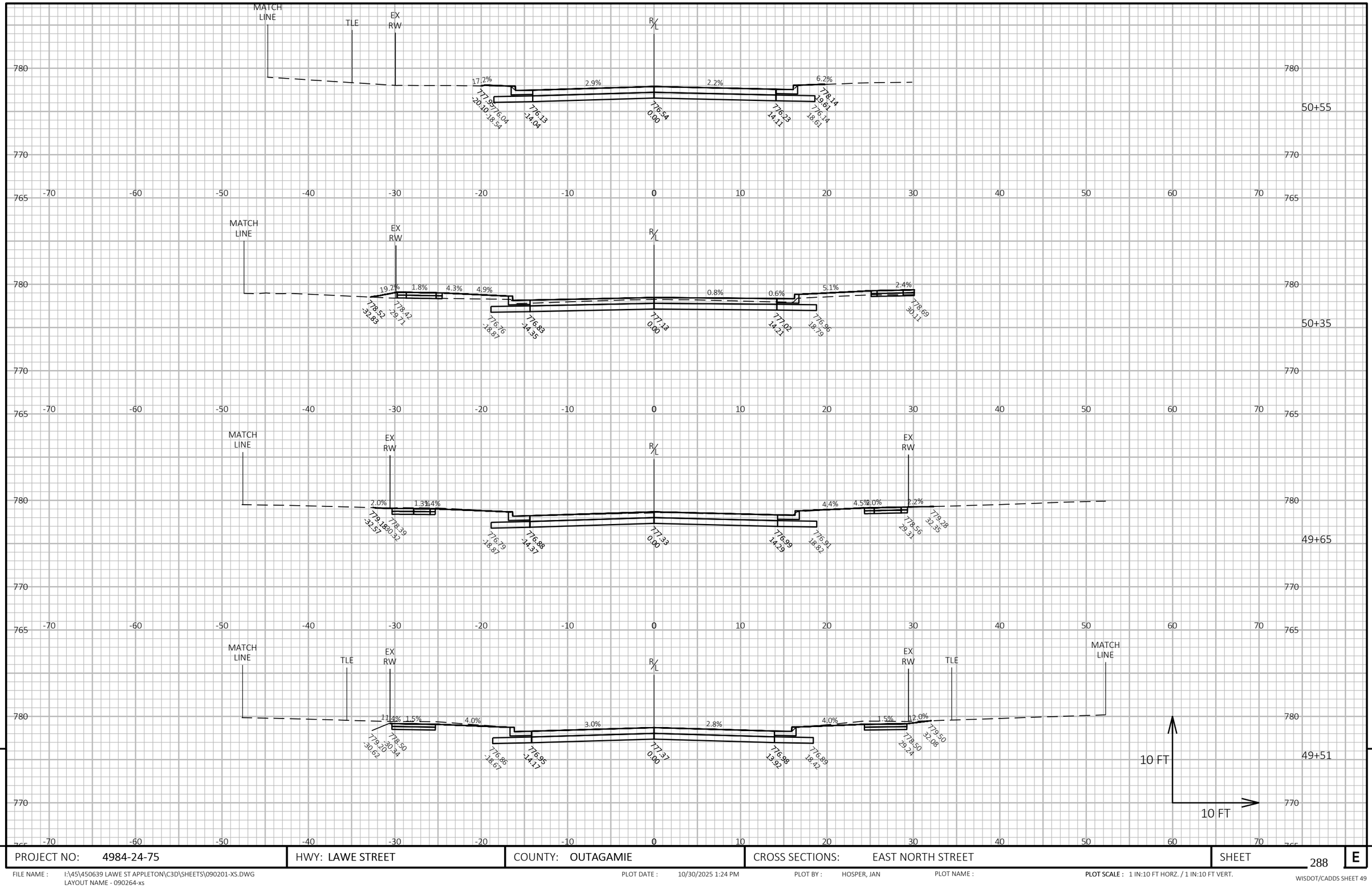
PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	CROSS SECTIONS: EAST ELDORADO STREET	SHEET 287	E

FILE NAME : I:\45\450639 LAWE ST APPLETON\C3D\SHEETS\090201-XS.DWG
LAYOUT NAME - 090263-xs

PLOT DATE : 10/30/2025 1:24 PM PLOT BY : HOSPER, JAN PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

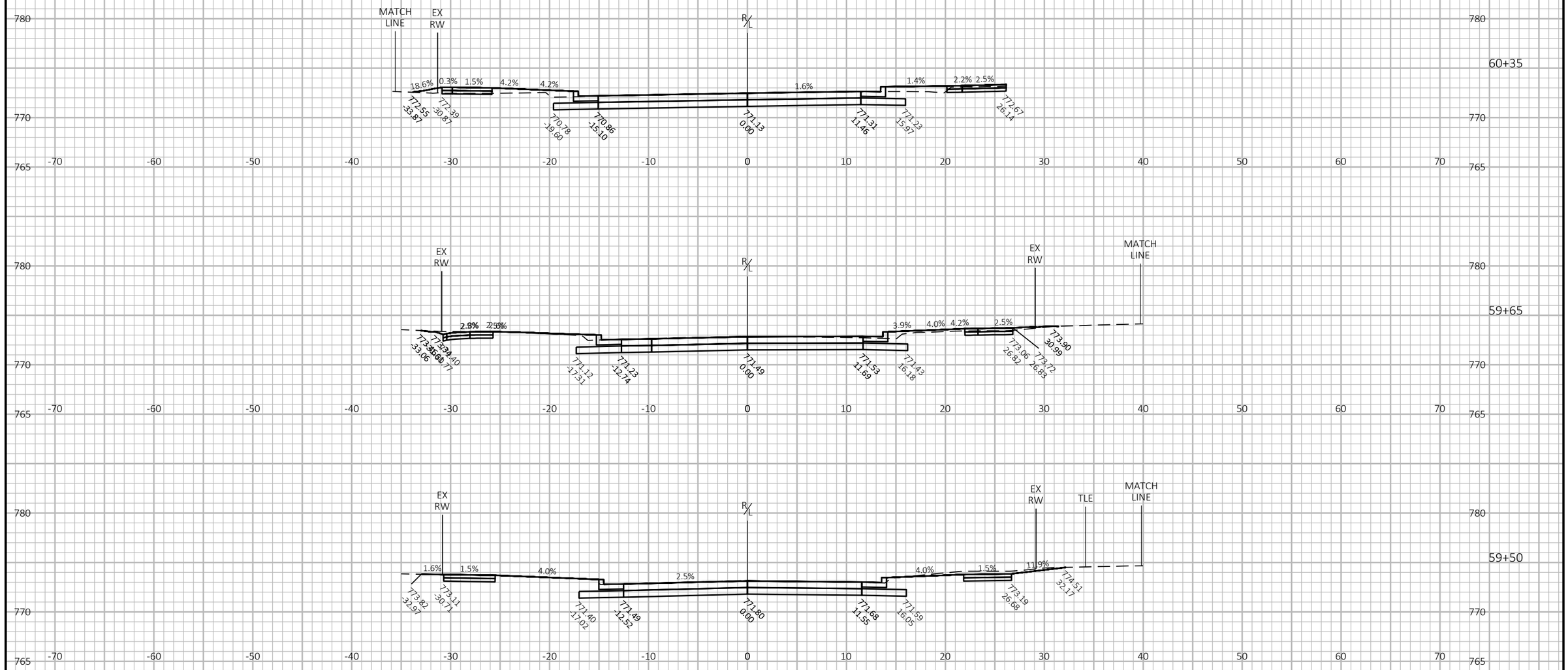


PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	CROSS SECTIONS: EAST NORTH STREET	SHEET 288	E

FILE NAME : I:\45\450639 LAWE ST APPLETON\C3D\SHEETS\090201-XS.DWG
LAYOUT NAME - 090264-xs

PLOT DATE : 10/30/2025 1:24 PM PLOT BY : HOSPER, JAN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

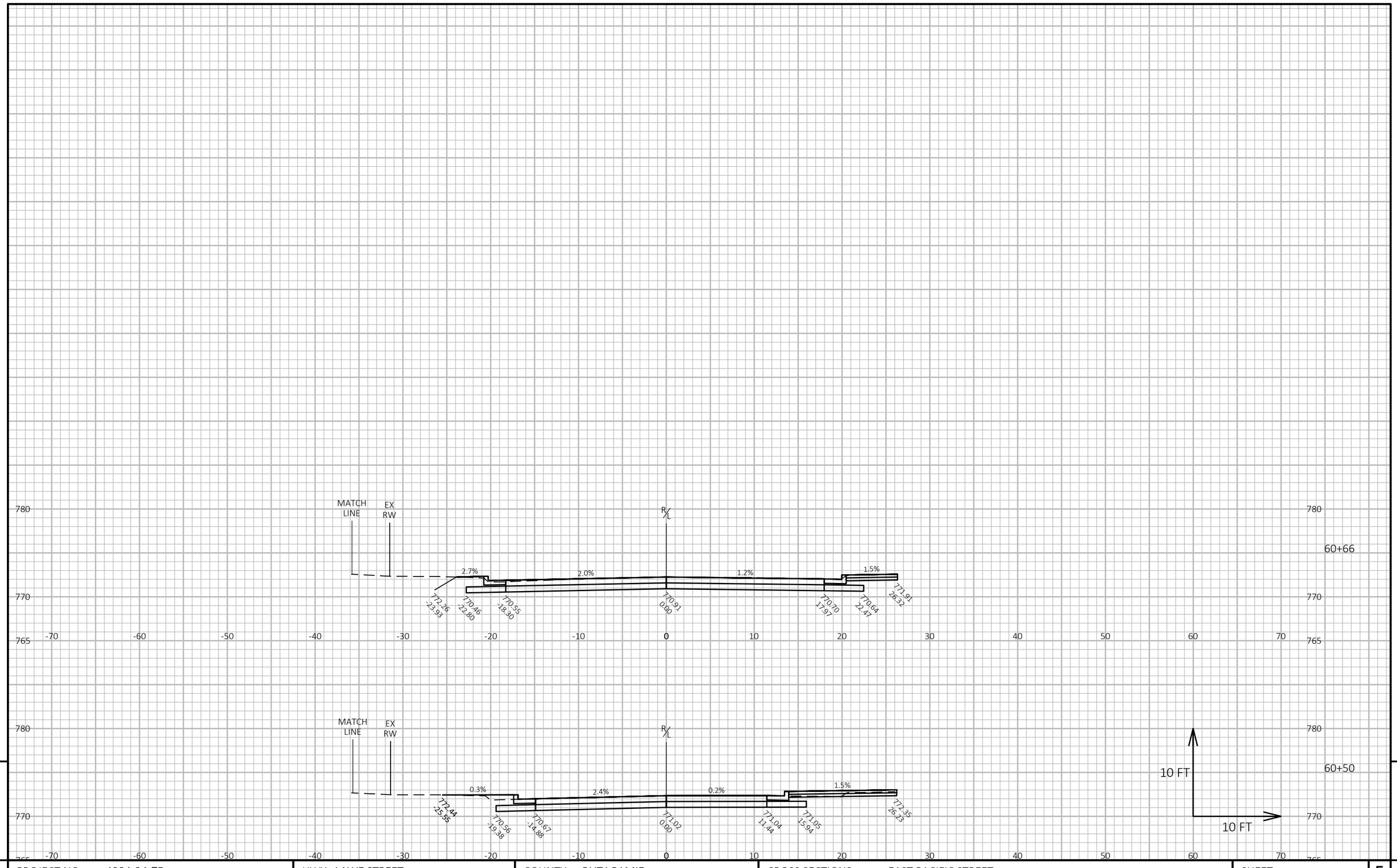
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PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	CROSS SECTIONS: EAST PACIFIC STREET	SHEET 289	E

FILE NAME : I:\45\450639 LAWE ST APPLETON\C3D\SHEETS\090201-XS.DWG
LAYOUT NAME - 090265-xs

PLOT DATE : 10/30/2025 1:24 PM PLOT BY : HOSPER, JAN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

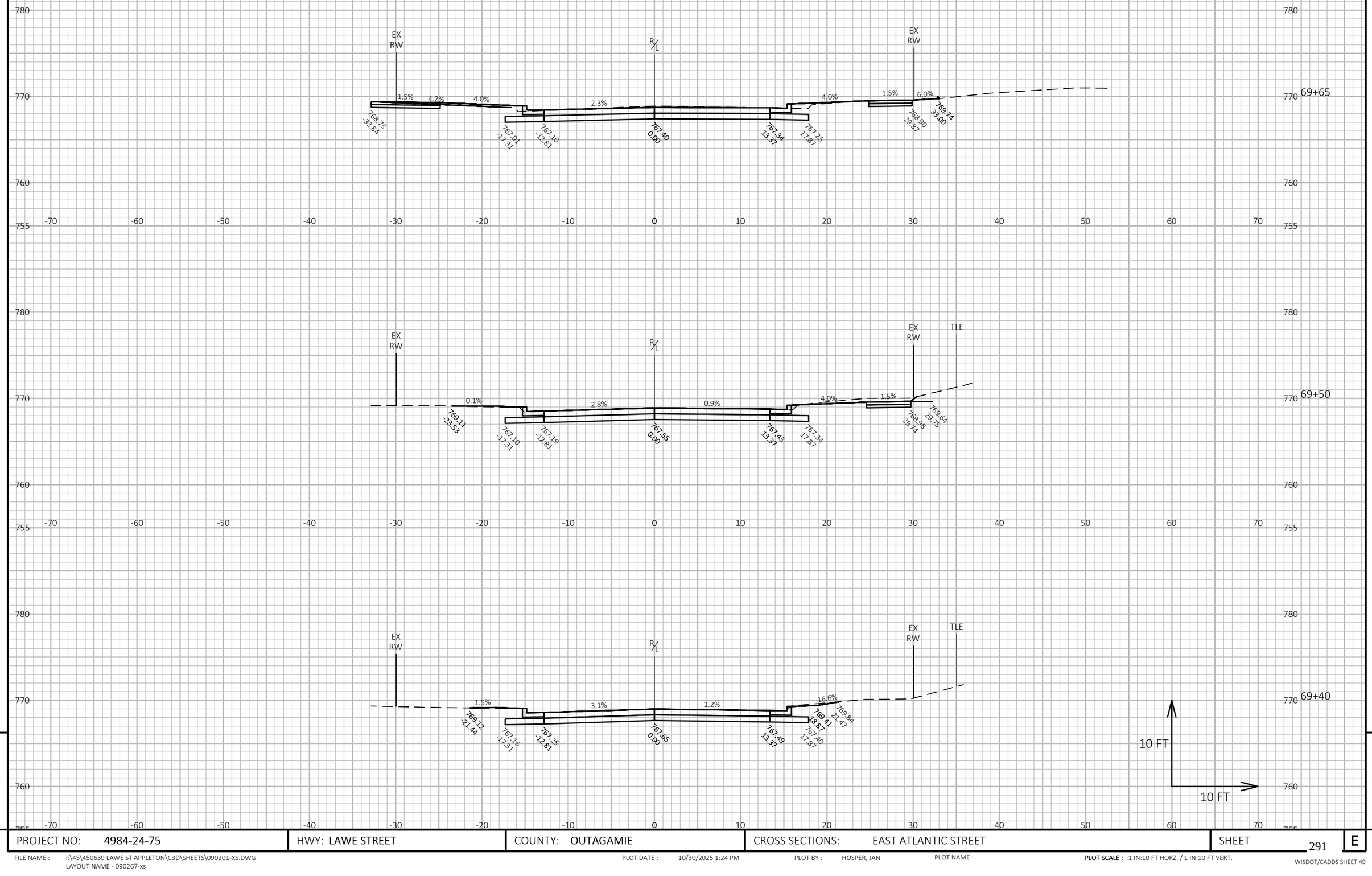


PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	CROSS SECTIONS: EAST PACIFIC STREET	SHEET 290	E

FILE NAME : I:\45\450639 LAWE ST APPLETON\C3D\SHEETS\090201-XS.DWG
LAYOUT NAME - 090266-xs

PLOT DATE : 10/30/2025 1:24 PM PLOT BY : HOSPER, JAN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

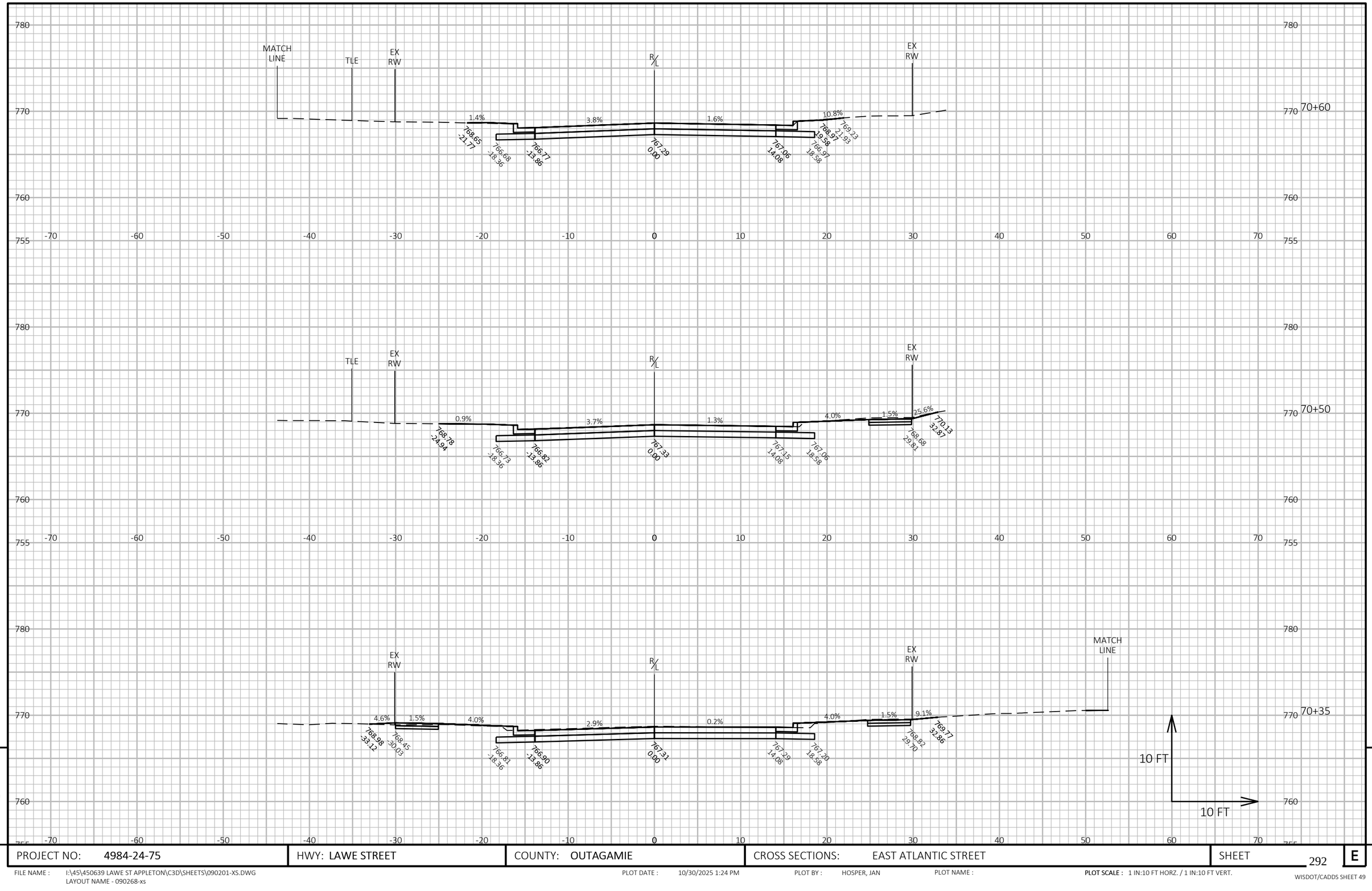
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PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	CROSS SECTIONS: EAST ATLANTIC STREET	SHEET 291	E

FILE NAME : I:\45\450639 LAWE ST APPLETON\C3D\SHEETS\090201-XS.DWG
LAYOUT NAME - 090267-xs

PLOT DATE : 10/30/2025 1:24 PM PLOT BY : HOSPER, JAN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

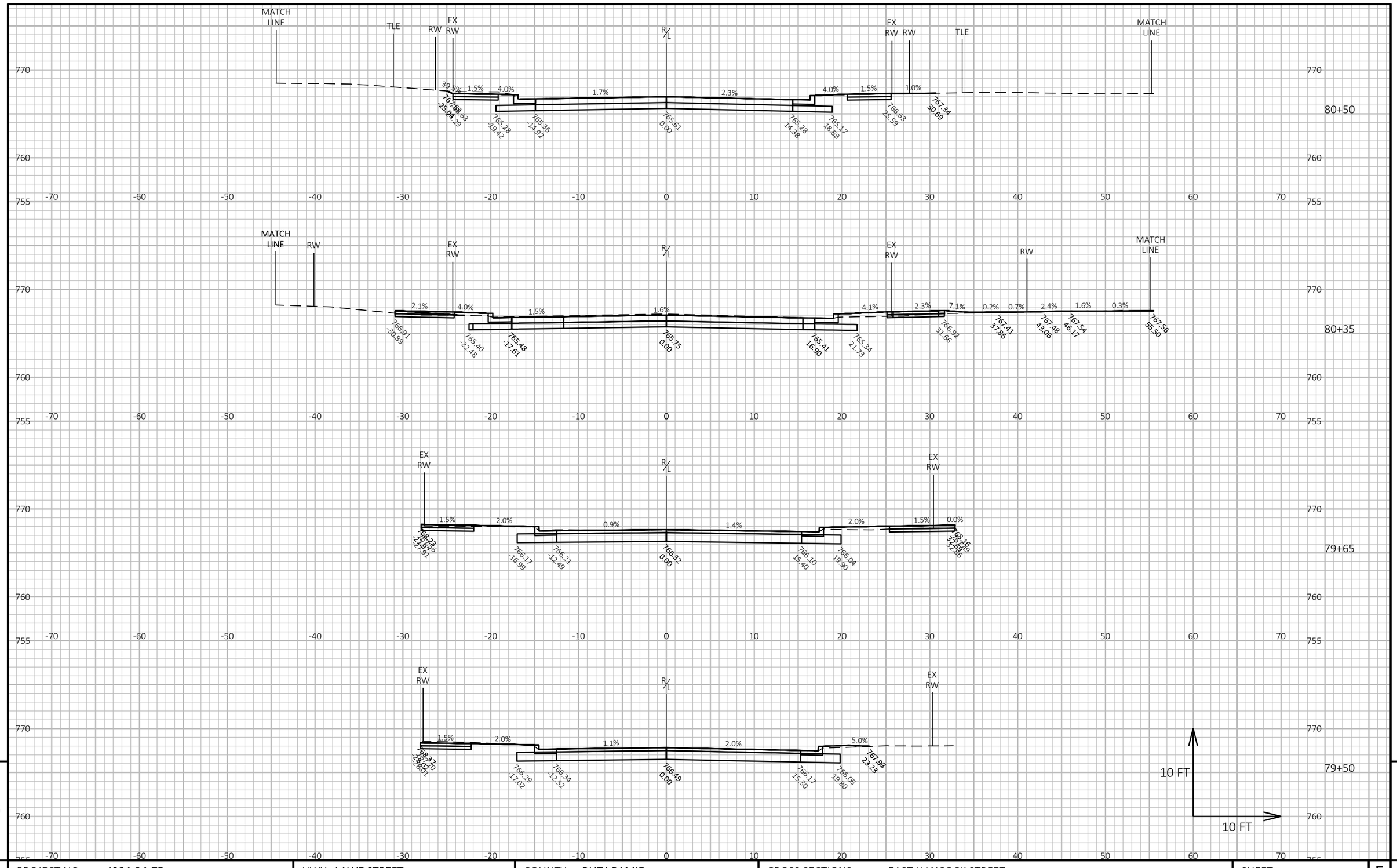


PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	CROSS SECTIONS: EAST ATLANTIC STREET	SHEET 292	E

FILE NAME : I:\45\450639 LAWE ST APPLETON\C3D\SHEETS\090201-XS.DWG
LAYOUT NAME - 090268-xs

PLOT DATE : 10/30/2025 1:24 PM PLOT BY : HOSPER, JAN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

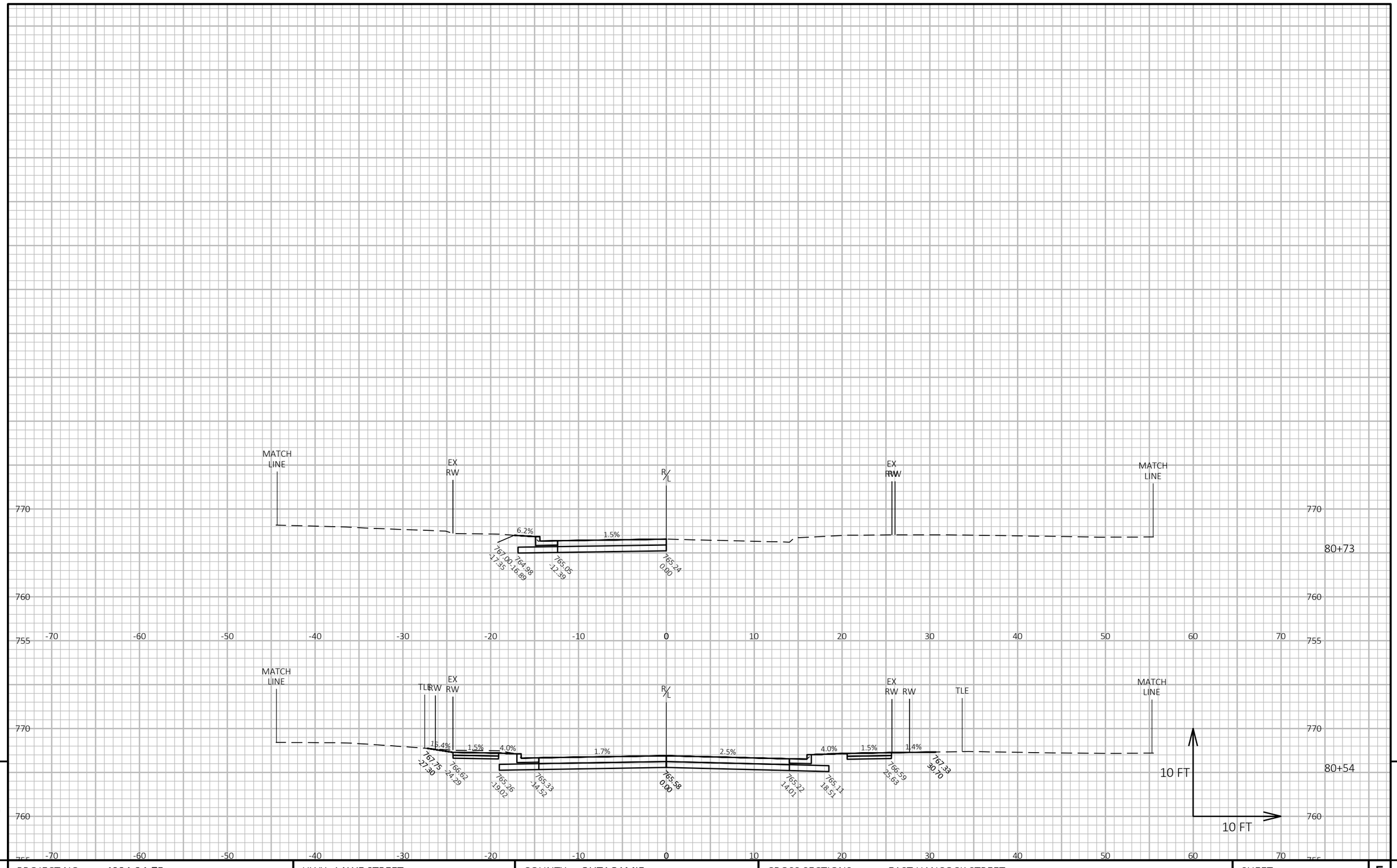


PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	CROSS SECTIONS: EAST HANCOCK STREET	SHEET 293	E

FILE NAME : I:\45\450639 LAWE ST APPLETON\C3D\SHEETS\090201-XS.DWG
LAYOUT NAME - 090269-xs

PLOT DATE : 10/30/2025 1:24 PM PLOT BY : HOSPER, JAN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

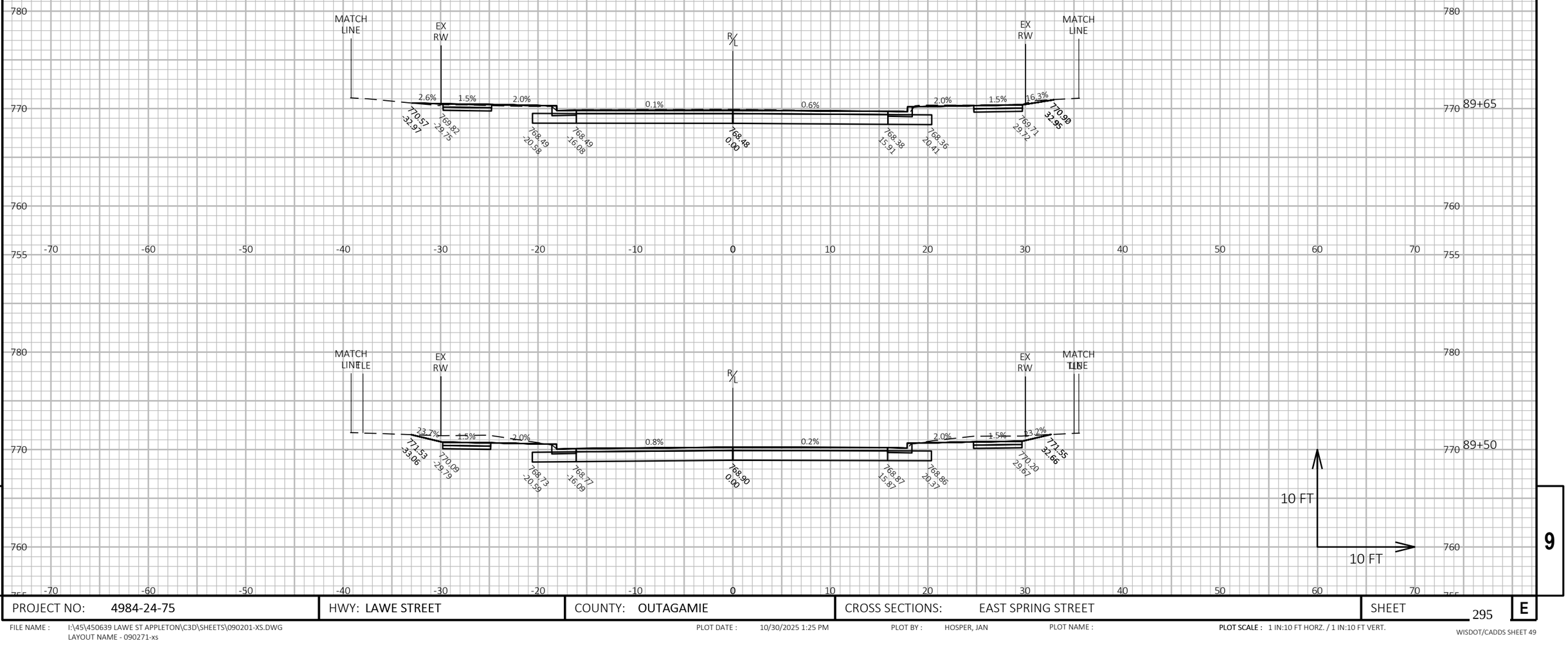
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PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	CROSS SECTIONS: EAST HANCOCK STREET	SHEET 294	E

FILE NAME : I:\45\450639 LAWE ST APPLETON\C3D\SHEETS\090201-XS.DWG
LAYOUT NAME - 090270-xs

PLOT DATE : 10/30/2025 1:24 PM PLOT BY : HOSPER, JAN PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 4984-24-75	HWY: LAWE STREET	COUNTY: OUTAGAMIE	CROSS SECTIONS: EAST SPRING STREET	SHEET 295	E

FILE NAME : I:\45\450639 LAWE ST APPLETON\C3D\SHEETS\090201-XS.DWG
LAYOUT NAME - 090271-xs

PLOT DATE : 10/30/2025 1:25 PM PLOT BY : HOSPER, JAN PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

Wisconsin Department of Transportation

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through innovation and exceptional service.

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