

PROJECT 26-04 ONTARIO STREET RECONSTRUCTION

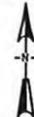
CITY OF DE PERE



ENGINEER DIVISION
925 S. SIXTH ST
DE PERE, WI 54115



SITE LOCATION MAP
N.T.S.



SHEET NO.	DESCRIPTION
G001	TITLE SHEET
G002	STANDARD ABBREVIATION & SYMBOLS
G003	TYPICAL SECTIONS
C101 - C115	PLAN AND PROFILE SHEETS
C301 - C312	CROSS SECTIONS
C401 - C403	SURVEY/MAPPING (EROSION CONTROL, ALIGNMENT, ETC.)
C404 - C405	INTERSECTION DETAILS
C406	RECORD DRAWINGS
C501	PIPE BURSTING CONSTRUCTION DETAIL
C502 - C503	CONSTRUCTION DETAILS
C504 - C505	TRAFFIC CONTROL DETAILS

CITY OF DE PERE
BOARD OF PUBLIC WORKS

2/4/2026

DATE

E. P. Rakera

CITY ENGINEER

2/4/26

DATE

K. Don

CITY MANAGER

STAMPS:



2/4/2026

LIST OF STANDARD ABBREVIATIONS

ADT	AVERAGE DAILY TRAFFIC	N	NORTH
AGGR	AGGREGATE	NB	NORTHBOUND
AH	AHEAD	NC	NORMAL CROWN
ASPH	ASPHALT	NE	NORTHEAST
AVE	AVENUE	NO	NUMBER
B/B	BACK TO BACK	NTS	NOT TO SCALE
BARR	BARRICADE	NW	NORTHWEST
BC	BACK OF CURB	OD	OUTSIDE DIAMETER
BK	BACK	PC	POINT OF CURVATURE
BL	BASELINE	PCC	POINT OF COMPOUND CURVE
BLVD	BOULEVARD	PCC	PORTLAND CEMENT CONCRETE
BLDG	BUILDING	PED	PEDESTAL
BM	BENCHMARK	PLE	PERMANENT LIMITED EASEMENT
BOW	BACK OF SIDEWALK	PVMT	PAVEMENT
BSMT	BASEMENT	PE	PRIVATE ENTRANCE
C	CUT	PI	POINT OF INTERSECTION
C&G	CURB AND GUTTER	PL	PROPERTY LINE
C/C	CENTER TO CENTER	POC	POINT OF CURVE
CABC	CRUSHED AGGREGATE BASE COURSE	POT	POINT ON TANGENT
CB	CATCH BASIN	PP	POLYETHYLENE
CE	CONSTRUCTION ENTRANCE	PRC	POINT OF REVERSE CURVATURE
CI	CAST IRON PIPE	PROJ	PROJECT
CL	CENTERLINE	PROP	PROPOSED
CMP	CORRUGATED METAL PIPE	PRZ	PROTECTIVE ROOT ZONE
CNTY	COUNTY	PSI	POUND PER SQUARE INCH
CO	CLEANOUT	PT	POINT OF TANGENCY
CONC	CONCRETE	PVC	POLYVINYL CHLORIDE
CONSTR	CONSTRUCTION	R	RANGE OR RADIUS
CONSTR JT	CONSTRUCTION JOINT	RCP	REINFORCED CONCRETE PIPE
CORP	CORPORATION	REBAR	REINFORCEMENT BAR
CP	CONTROL POINT	REL	RELOCATE
CTH	COUNTY TRUNK HIGHWAY	REM	REMAINING
CTRL JT	CONTROL JOINT	REQD	REQUIRED
CTV	CABLE TV	RL	REFERENCE LINE
CY	CUBIC YARD	ROW	RIGHT OF WAY
D	DEPTH	RP	REFERENCE POINT
DIA	DIAMETER	RR	RAILROAD
DI	DUCTILE IRON PIPE	RT	RIGHT
DISCH	DISCHARGE	RW	RETAINING WALL
DW	DRIVEWAY	S	SOUTH
E	EAST (SEE ELEC BELOW)	SALV	SALVAGE
EA	EACH	SAN	SANITARY
EB	EASTBOUND	SB	SOUTHBOUND
EBS	EXCAVATION BELOW SUBGRADE	SDWK	SIDEWALK
EL	ELEVATION	SE	SOUTHEAST
ELEC	ELECTRIC (E WHEN USED IN LINE STYLE)	SF	SQUARE FEET
EMB	EMBANKMENT	SHLDR	SHOULDER
ENR	ENTRANCE	SY	SQUARE YARD
EP	EDGE OF PAVEMENT	SS	SANITARY SEWER
EW	ENDWALL	ST	STREET (ST WHEN USED FOR STORM SEWER LINE)
EXC	EXCAVATION	STA	STATION
EXIST	EXISTING	STD	STANDARD
F	FILL	STH	STATE HIGHWAY TRUNK
F/F	FACE TO FACE	STM	STORM
FDN	FOUNDATION	STRUCT	STRUCTURE OR STRUCTURAL
FE	FIELD ENTRANCE	SW	SOUTHWEST
FERT	FERTILIZER	TAN	TANGENT
FIN GR	FINISHED GRADE	T	TELEPHONE LINE
FL	FLOWLINE	TEL	TELEPHONE
FO	FIBER OPTIC	TEMP	TEMPORARY
FOW	FRONT OF SIDEWALK	TLE	TEMPORARY LIMITED EASEMENT
FT	FOOT	TOC	TOP OF CURB
FTG	FOOTING	TOW	TOP OF WATER
G	GAS	TRANS	TRANSITION
GV	GAS VALVE	TYP	TYPICAL
GW	GUY WIRE	UG	UNDERGROUND
HDPE	HIGH DENSITY POLYETHYLENE	USH	US HIGHWAY
HR	HANDICAP RAMP	VC	VERTICAL CURVE
HSE	HOUSE	VERT	VERTICAL
HT	HEIGHT	VOL	VOLUME
HYD	HYDRANT	VPC	VERTICAL POINT OF CURVATURE
I	INTERSECTION ANGLE	VPI	VERTICAL POINT OF INTERSECTION
ID	INSIDE DIAMETER	VPRC	VERTICAL POINT OF REVERSE CURVE
IN	INCH	VPT	VERTICAL POINT OF TANGENCY
INL	INLET	W	WEST (W WHEN USED FOR WATER LINE)
INTERS	INTERSECTION	WB	WESTBOUND
INV	INVERT	WM	WATERMAIN
IP	IRON PIPE OR PIN	WSO	WATER SHUTOFF VALVE
L	LENGTH (OF CURVE)	WV	WATER VALVE
LC	LONG CHORD OF CURVE	YD	YARD
LP	LIGHTPOLE		
LS	LIFT STATION OR LUMP SUM		
LT	LEFT		
MAINT	MAINTENANCE		
MATL	MATERIAL		
MB	MAILBOX		
MH	MANHOLE		
MP	MARKER POST		

MAPPING & TOPOGRAPHY SYMBOLOLOGY

DESCRIPTION	SYMBOL	
	EXISTING	PROPOSED
BENCHMARK		
BUSH		
CATCH BASIN/INLET		
CABLE TV BOX		
CONTROL POINT		
DETECTABLE WARNING FIELD		
ELECTRICAL BOX		
ENDWALL		
EROSION CONTROL - INLET		
FIBER OPTIC PEDESTAL		
FIELD INLET		
GAS VALVE		
GUY WIRE		
HYDRANT		
IRON PIPE		
LIGHT POLE		
MAILBOX		
MANHOLE ELECTRIC		
MANHOLE FIBER OPTIC		
MANHOLE SANITARY		
MANHOLE STORM		
MONITORING WELL		
POWER POLE		
SIGN		
SOIL BORING		
STUMP		
TELEPHONE MANHOLE		
TELEPHONE PEDESTAL		
TREE		
WATER REDUCER		
WATER SERVICE VALVE		
WATER VALVE (BUTTERFLY)		
WATER VALVE (GATE)		

GENERAL CONSTRUCTION NOTES:

- ALL ELEVATIONS ARE REFERENCED TO NAVD 88.
- THE WORK UNDER THIS CONTRACT SHALL BE IN ACCORDANCE WITH THE CITY OF DE PERE, CURRENT CONSTRUCTION SPECIFICATIONS AND THESE SPECIAL PROVISIONS AND PLANS, AND THE LATEST ADDITION OF THE WISCONSIN DEPARTMENT OF TRANSPORTATION STANDARDS SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION SPECIFICATIONS, LATEST EDITION, WHERE REFERENCED IN THE CITY SPECIFICATIONS.
- ALL EROSION CONTROL MEASURES SHALL BE IN PLACE PRIOR TO CONSTRUCTION AND SHALL CONFIRM TO THE WISCONSIN DEPARTMENT OF NATURAL RESOURCES CONSTRUCTION SITE EROSION CONTROL AND TECHNICAL STANDARDS.
- EXISTING UTILITIES SHOWN ON THE PLANS ARE APPROXIMATE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING EXACT LOCATIONS AND ELEVATIONS OF ALL UTILITIES. WHETHER SHOWN OR NOT, FROM THE OWNERS OF THE RESPECTIVE UTILITIES. ALL UTILITIES OWNERS SHALL BE NOTIFIED BY THE CONTRACTOR 72 HOURS PRIOR TO EXCAVATION.

MAPPING & TOPOGRAPHY SYMBOLOLOGY

DESCRIPTION	SYMBOL	
	PLAN	PROFILE
EXISTING SANITARY SEWER LINE		
PROPOSED SANITARY SEWER LINE		
EXISTING STORM SEWER LINE		
PROPOSED STORM SEWER LINE		
EXISTING WATER MAIN LINE		
PROPOSED WATER MAIN LINE		
EXISTING ELECTRICAL LINE		
EXISTING GAS MAIN LINE		
EXISTING TELEPHONE LINE		
EXISTING CABLE TV LINE		
EXISTING SANITARY LATERAL		
EXISTING WATER SERVICE		
RIGHT OF WAY		
PROPERTY LINE		
EASEMENT		
LANDSCAPE FENCE		
SILT FENCE EROSION CONTROL		
EXISTING FIBER OPTIC		
EXISTING MAJOR CONTOUR		
EXISTING MINOR CONTOUR		
PROPOSED MAJOR CONTOUR		
PROPOSED MINOR CONTOUR		
EXISTING OVERHEAD UTILITY		
EXISTING SANITARY SEWER LINE		
PROPOSED SANITARY SEWER LINE		
EXISTING STORM SEWER LINE		
PROPOSED STORM SEWER LINE		
EXISTING WATER MAIN LINE		
PROPOSED WATER MAIN LINE		

PATCH SYMBOLS

ASPHALTIC CONCRETE PAVEMENT		CRUSHED AGGREGATE BASE COURSE	
PORTLAND CEMENT CONCRETE			

CITY OF DE PERE

ENGINEERING DIVISION 925 S. SIXTH ST DE PERE WI 54115
OFFICE: 920-339-4061 EMAIL: DPPUBWRKS@DEPEREWI.GOV

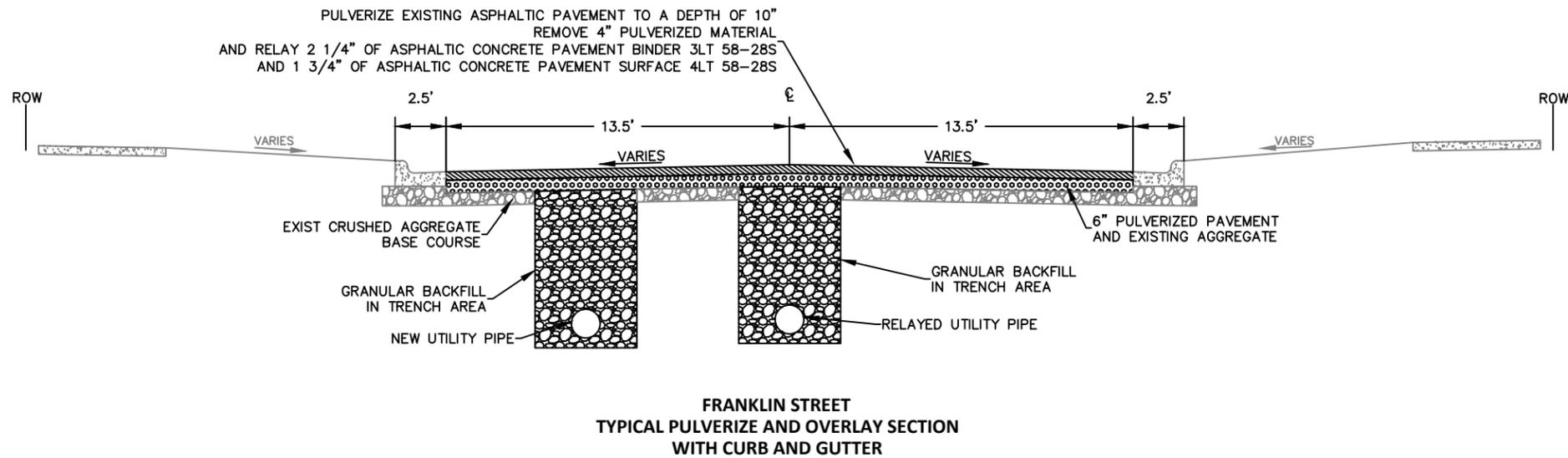
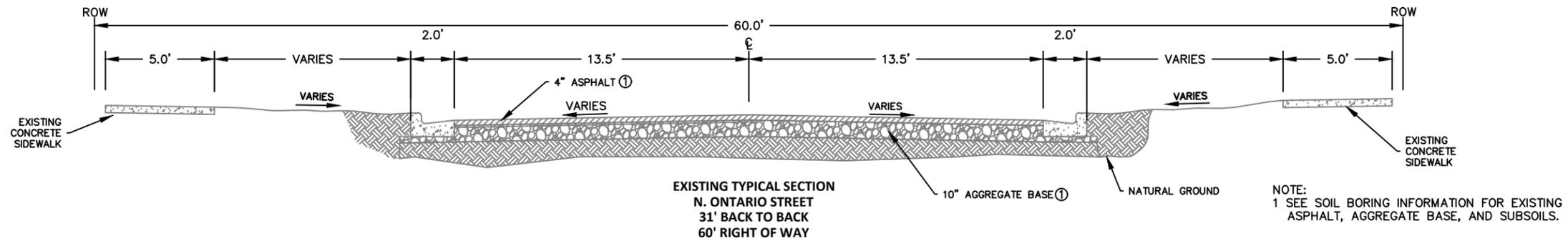
STANDARD ABBREVIATIONS AND SYMBOLS

NAME: ONTARIO STREET RECONSTRUCTION PROJECT
26-04

NO.	DATE	BY	REVISIONS / ISSUES	
			REMARKS	
SURVEYED	KAD	10-2025		
DRAWN	KAD	01-2026		
DESIGNED	EPR	01-2026		
CHECKED	EPR	01-2026		

PAGE NO.

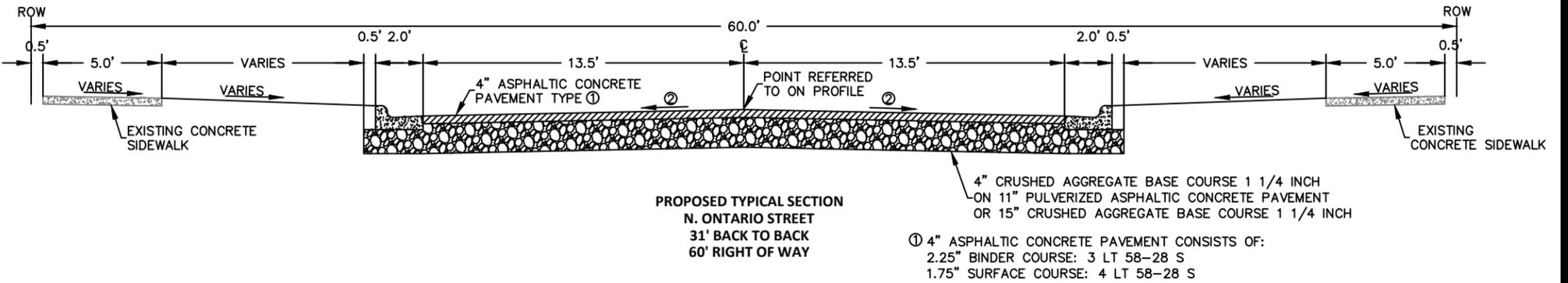
G002



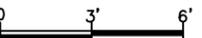
② CROSS SLOPE VARIES AS FOLLOWS:

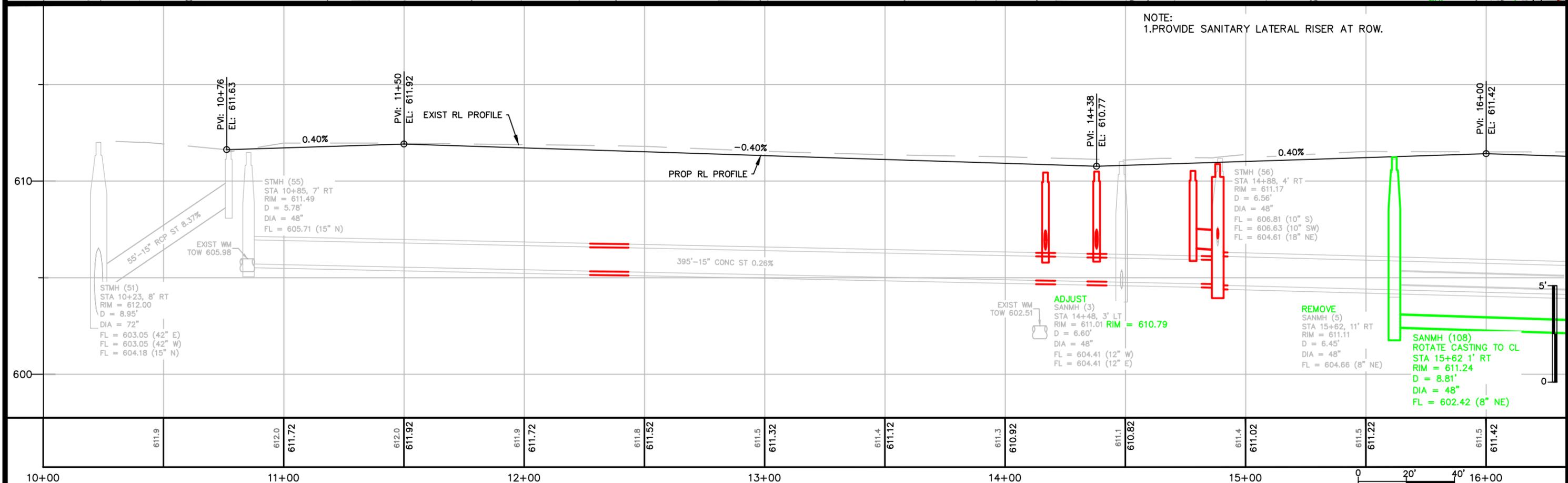
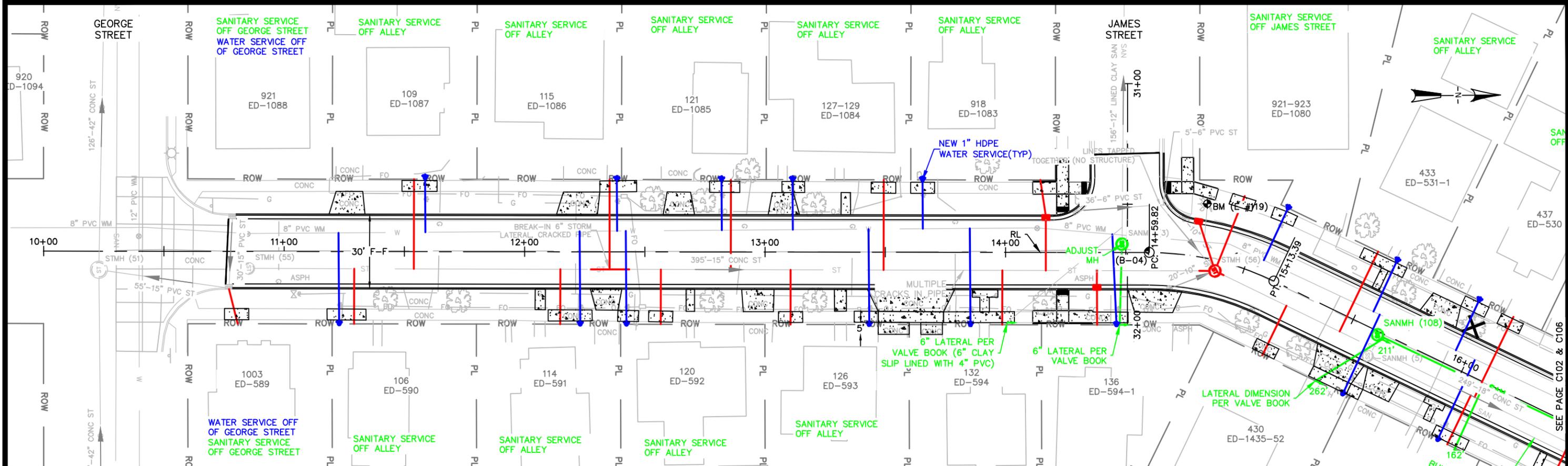
LEFT SIDE (2% UNLESS SPECIFIED BELOW)
STATION 10+76 TO 11+35 - 2.00%
STATION 11+35 TO 11+50 - 2.00% TO 3.00%
STATION 11+50 TO 14+36 - 3.00%
INTERSECTION
STATION 14+78 TO 17+42 - 3.00%
INTERSECTION
STATION 18+07 TO 19+25 - 2.00%
STATION 19+25 TO 19+50 - 2.00% TO 3.50%
STATION 19+50 TO 21+00 - 3.50%
INTERSECTION
STATION 21+60 TO 23+50 - 2.00%
STATION 23+50 TO 24+00 - 2.00% TO 3.00%
STATION 24+00 TO 24+50 - 3.00% TO 2.00%
STATION 24+50 TO 27+50 - 2.00%
STATION 27+50 TO 28+18 - 2.00% TO 3.00%
STATION 28+18 TO 28+98 - 3.00%

RIGHT SIDE (2% UNLESS SPECIFIED BELOW)
STATION 10+76 TO 11+50 - 2.00%
STATION 11+50 TO 11+65 - 2.00% TO 1.00%
STATION 11+65 TO 14+00 - 1.00%
STATION 14+00 TO 14+38 - 1.00% TO 2.00%
STATION 14+38 TO 17+42 - 2.00%
INTERSECTION
STATION 18+07 TO 21+00 - 1.00%
INTERSECTION
STATION 21+64 TO 23+50 - 2.00%
STATION 23+50 TO 24+00 - 2.00% TO 1.00%
STATION 24+00 TO 24+25 - 1.00% TO 2.26%
STATION 24+25 TO 24+50 - 2.26% TO 2.00%
STATION 24+50 TO 27+50 - 2.00%
STATION 27+50 TO 28+18 - 2.00% TO 1.00%
STATION 28+18 TO 28+98 - 1.00%



③ SEE INTERSECTION DETAIL FOR ADDITIONAL GRADES

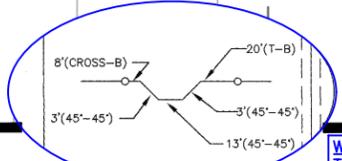
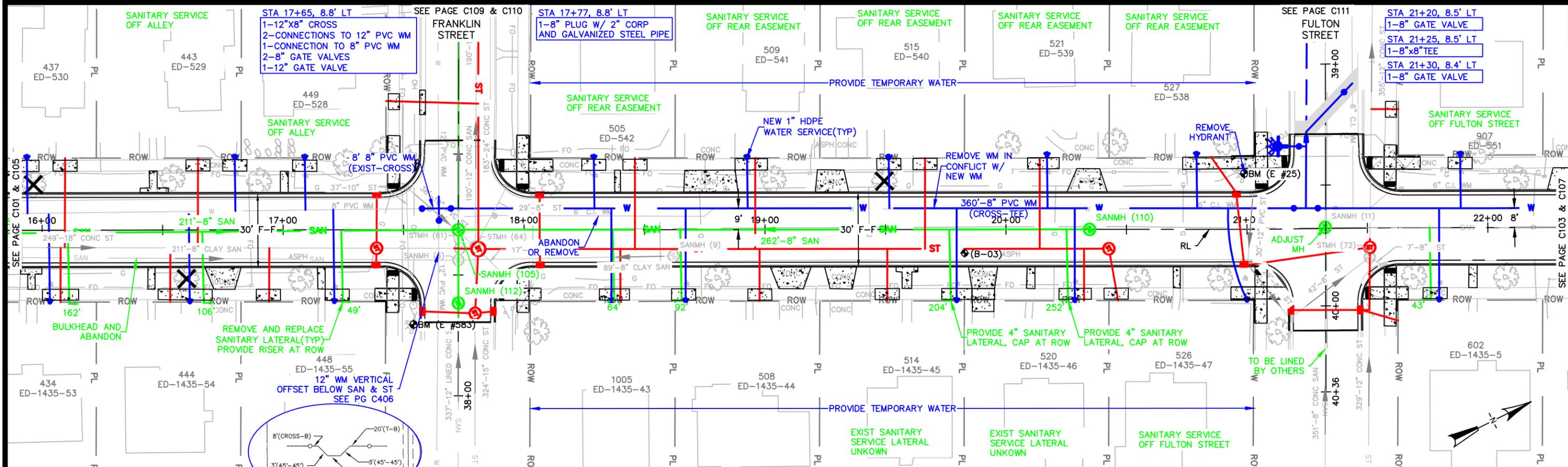




NOTE:
1. PROVIDE SANITARY LATERAL RISER AT ROW.

CITY OF DE PERE ENGINEERING DIVISION 925 S. SIXTH ST DE PERE WI 54115 OFFICE: 920-339-4061 EMAIL: DPPUBWRKS@DEPEREWI.GOV		NORTH ONTARIO STREET GEORGE ST TO 150' N/O JAMES STREET SANITARY SEWER AND WATER MAIN		NAME: ONTARIO STREET RECONSTRUCTION PROJECT 26-04		BY: KAD DATE: 10-2025 SURVEYED: KAD DATE: 10-2025 DRAWN: KAD DATE: 10-2025 DESIGNED: KAD DATE: 10-2025 CHECKED: EPR DATE: 01-2026		REVISIONS / ISSUES <table border="1"> <thead> <tr> <th>NO.</th> <th>DATE</th> <th>BY</th> <th>REMARKS</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>		NO.	DATE	BY	REMARKS					PAGE NO. C101	
NO.	DATE	BY	REMARKS																

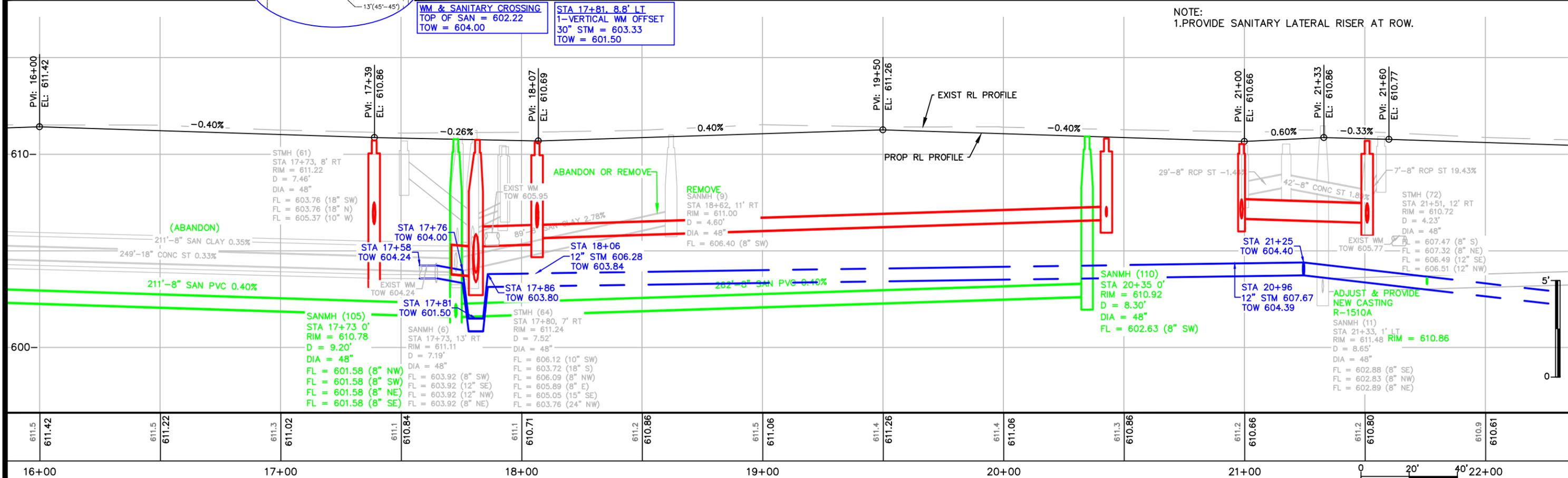
X:\ENG\Projects\City Projects\2026\Project 26-04 Street Reconstruction\1200-CAD\Ontario Street Reconstruction_P&P.dwg



WM & SANITARY CROSSING
 TOP OF SAN = 602.22
 TOW = 604.00

STA 17+81, 8.8' LT
 1-VERTICAL WM OFFSET
 30\"/>

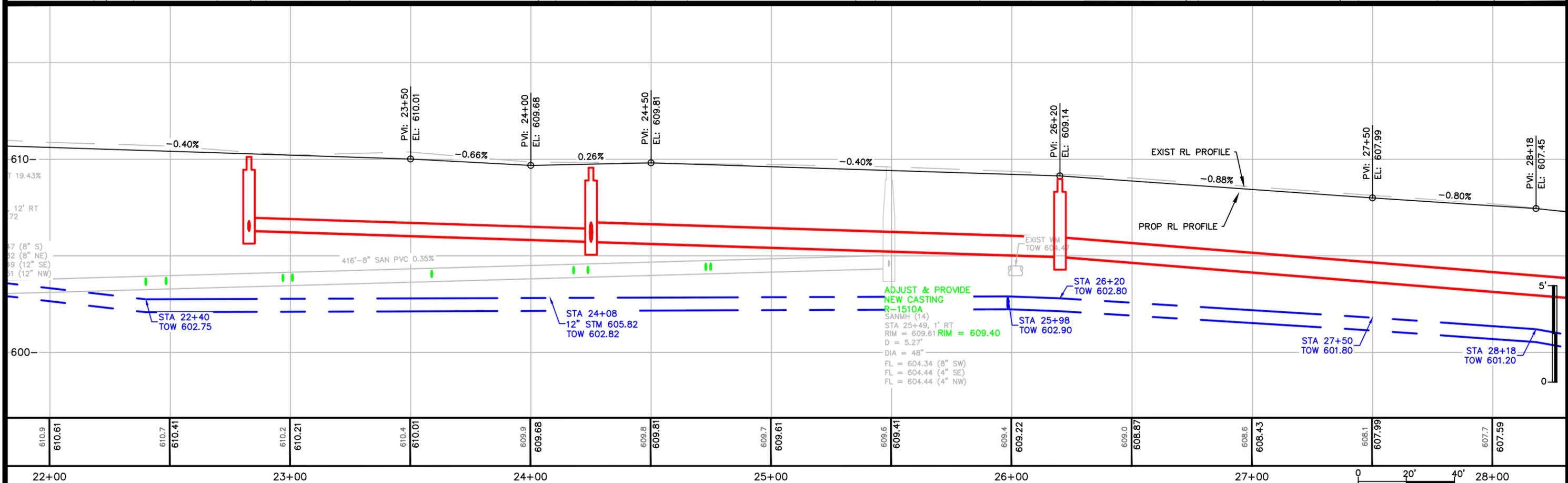
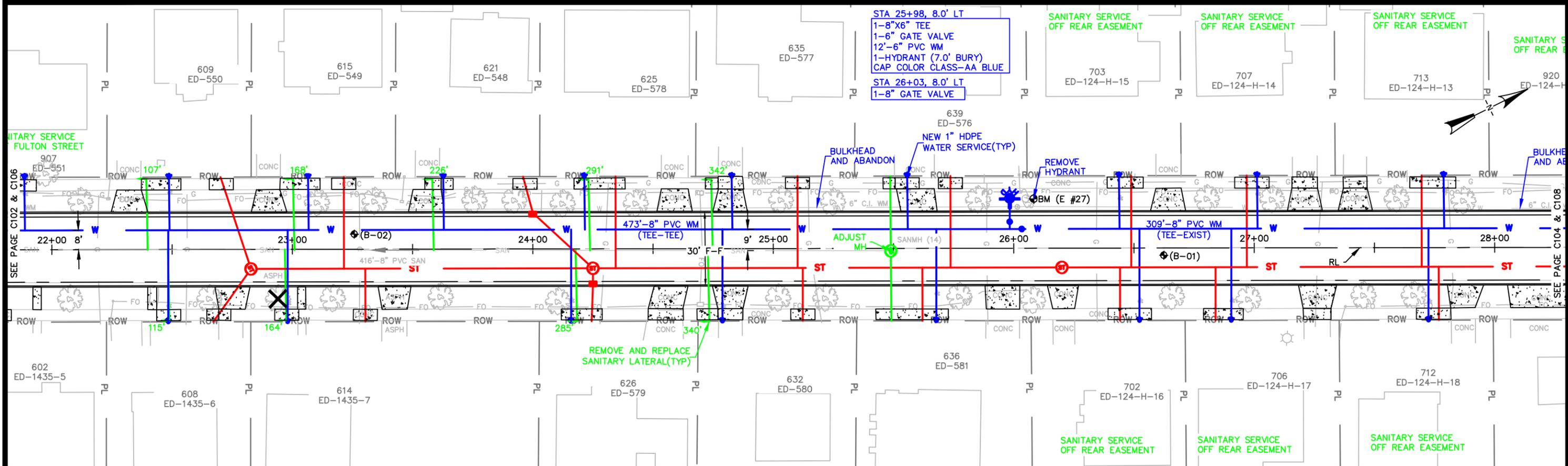
NOTE:
 1. PROVIDE SANITARY LATERAL RISER AT ROW.



611.5	611.42	611.5	611.22	611.3	611.02	611.1	610.84	611.1	610.71	611.2	610.86	611.5	611.06	611.4	611.26	611.4	611.06	611.3	610.86	611.2	610.66	611.2	610.80	610.9	610.61
16+00		17+00		18+00		19+00		20+00		21+00		0	20'	40'	22+00										

BY	DATE	REVISIONS / ISSUES	
		NO.	DATE
SURVEYED	KAD	10-2025	
DRAWN	KAD	02-2026	
DESIGNED	EPR	02-2026	
CHECKED	EPR	02-2026	

X:\ENG\Projects\City Projects\2026\Project 26-04 Street Reconstruction\1200-CAD\Ontario Street Reconstruction_P&P.dwg



610.9	610.61	610.7	610.41	610.2	610.21	610.4	610.01	609.9	609.68	609.8	609.81	609.7	609.61	609.6	609.41	609.4	609.22	609.0	608.87	608.6	608.43	608.1	607.99	607.7	607.99
22+00		23+00		24+00		25+00		26+00		27+00		28+00													

CITY OF DE PERE
 ENGINEERING DIVISION 925 S. SIXTH ST DE PERE WI 54115
 OFFICE: 920-339-4061 EMAIL: DPPUBWRKS@DEPEREWI.GOV

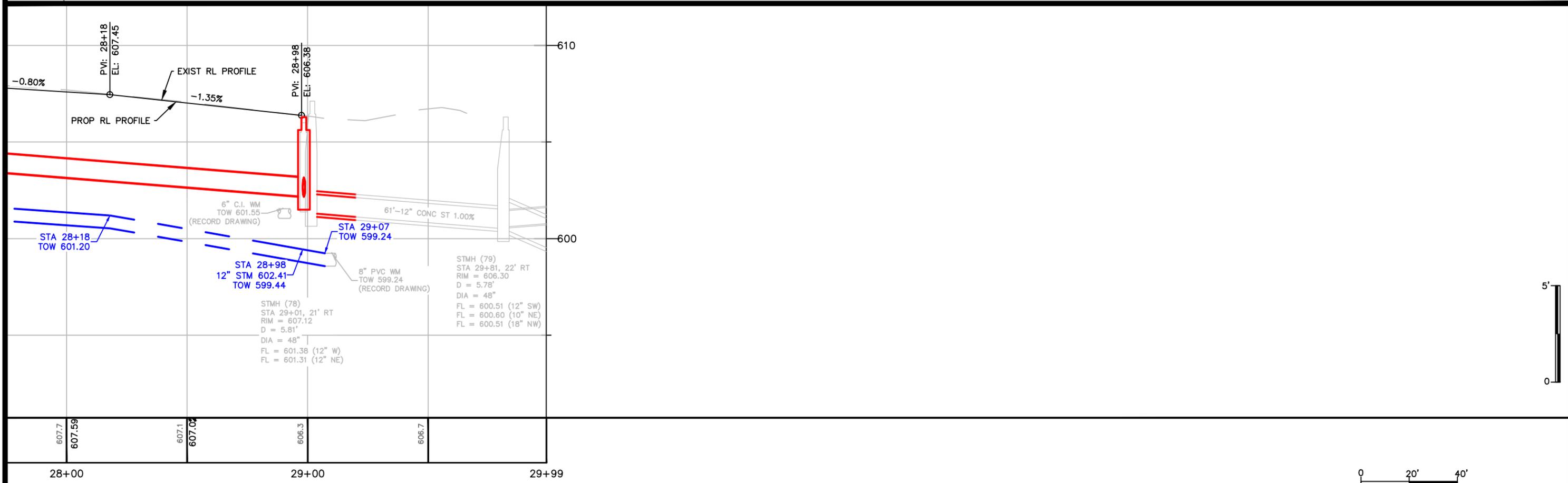
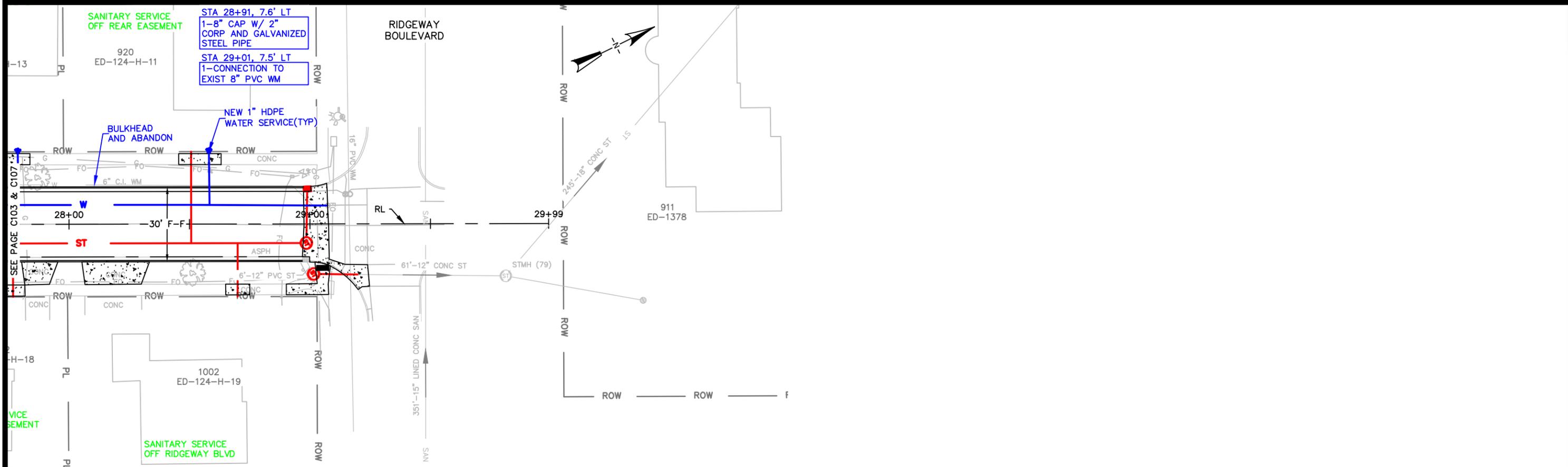
NORTH ONTARIO STREET
 50' N/O FULTON ST TO 650' N/O FULTON STREET
 SANITARY SEWER AND WATER MAIN

NAME: ONTARIO STREET RECONSTRUCTION PROJECT
 26-04

	BY	DATE	REVISIONS / ISSUES	
			NO.	DATE
SURVEYED	KAD	10-2025		
DRAWN	KAD	02-2026		
DESIGNED	EPR	02-2026		
CHECKED	EPR	02-2026		

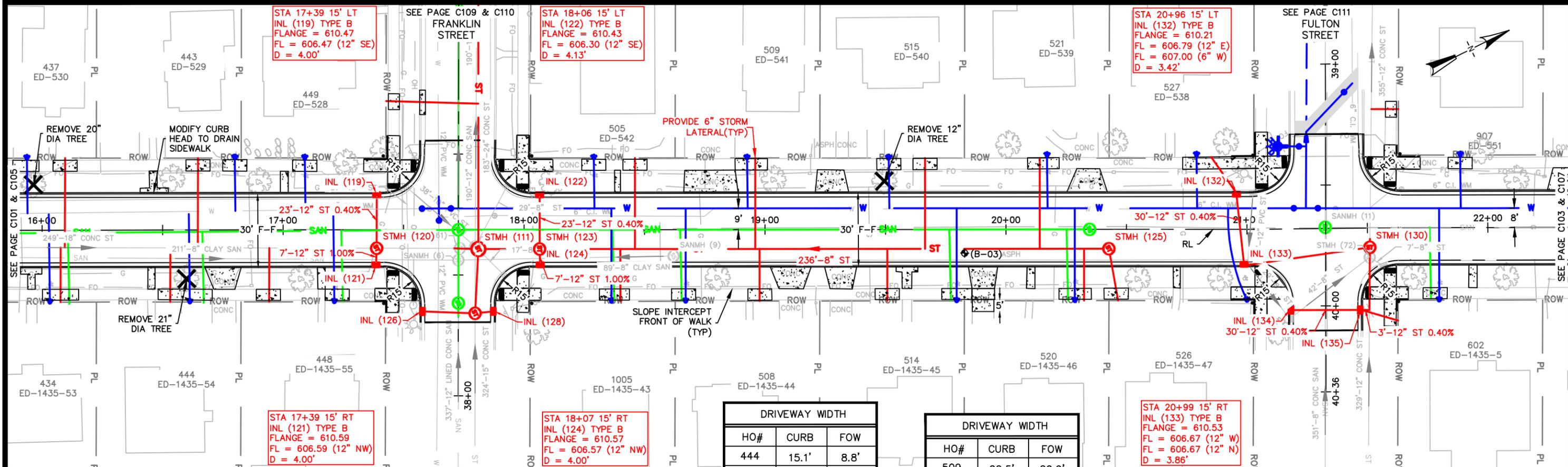
PAGE NO. **C103**

X:\ENG\Projects\City Projects\2026\Project 26-04 Street Reconstruction\1200-CAD\Ontario Street Reconstruction_P&P.dwg



CITY OF DE PERE		NORTH ONTARIO STREET		NAME: ONTARIO STREET RECONSTRUCTION PROJECT		BY KAD		DATE 10-2025		REVISIONS / ISSUES		PAGE NO.	
ENGINEERING DIVISION 925 S. SIXTH ST DE PERE WI 54115		650' N/O FULTON ST TO RIDGEWAY BOULEVARD		26-04		KAD		02-2026		NO. DATE BY REMARKS		C104	
OFFICE: 920-339-4061 EMAIL: DPPUBWRKS@DEPEREWI.GOV		SANITARY SEWER AND WATER MAIN				EPR		02-2026					
						EPR		02-2026					

X:\Projects\City Projects\2026\Project 26-04 Street Reconstruction\1200-CAD\Ontario Street\Ontario_P&P.dwg



STA 17+39 15' LT
INL (119) TYPE B
FLANGE = 610.47
FL = 606.47 (12" SE)
D = 4.00'

STA 18+06 15' LT
INL (122) TYPE B
FLANGE = 610.43
FL = 606.30 (12" SE)
D = 4.13'

STA 20+96 15' LT
INL (132) TYPE B
FLANGE = 610.21
FL = 606.79 (12" E)
FL = 607.00 (6" W)
D = 3.42'

STA 17+39 15' RT
INL (121) TYPE B
FLANGE = 610.59
FL = 606.59 (12" NW)
D = 4.00'

STA 18+07 15' RT
INL (124) TYPE B
FLANGE = 610.57
FL = 606.57 (12" NW)
D = 4.00'

STA 20+99 15' RT
INL (133) TYPE B
FLANGE = 610.53
FL = 606.67 (12" W)
FL = 606.67 (12" N)
D = 3.86'

DRIVEWAY WIDTH		
HO#	CURB	FOW
444	15.1'	8.8'
508	16.9'	10.1'
514	13.3'	9.2'
520	12.1'	9.4'

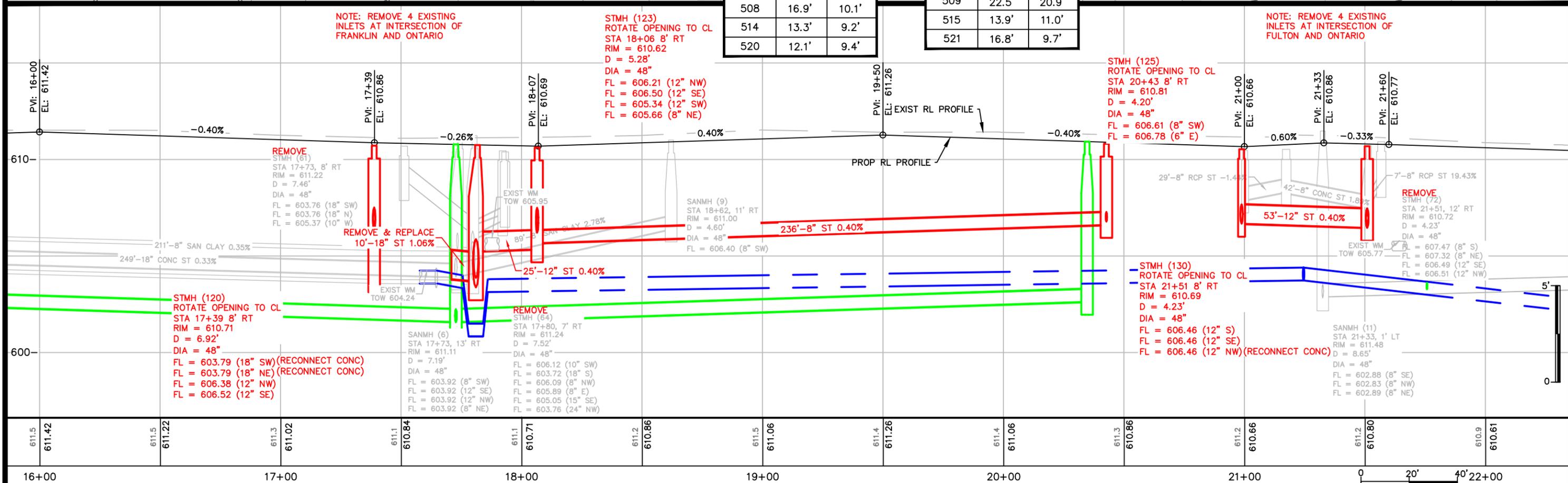
DRIVEWAY WIDTH		
HO#	CURB	FOW
509	22.5'	20.9'
515	13.9'	11.0'
521	16.8'	9.7'

NOTE: REMOVE 4 EXISTING INLETS AT INTERSECTION OF FRANKLIN AND ONTARIO

STMH (123)
ROTATE OPENING TO CL
STA 18+06 8' RT
RIM = 610.62
DIA = 48"
FL = 606.21 (12" NW)
FL = 606.50 (12" SE)
FL = 605.34 (12" SW)
FL = 605.66 (8" NE)

NOTE: REMOVE 4 EXISTING INLETS AT INTERSECTION OF FULTON AND ONTARIO

STMH (125)
ROTATE OPENING TO CL
STA 20+43 8' RT
RIM = 610.81
DIA = 48"
FL = 606.61 (8" SW)
FL = 606.78 (6" E)



REMOVE
STMH (61)
STA 17+73, 8' RT
RIM = 611.22
DIA = 48"
FL = 603.76 (18" SW)
FL = 603.76 (18" N)
FL = 605.37 (10" W)

REMOVE & REPLACE
10'-18" ST 1.06%

REMOVE
STMH (64)
STA 17+80, 7' RT
RIM = 611.24
DIA = 48"
FL = 606.12 (10" SW)
FL = 603.72 (18" S)
FL = 606.09 (8" NW)
FL = 605.89 (8" E)
FL = 605.05 (15" SE)
FL = 603.76 (24" NW)

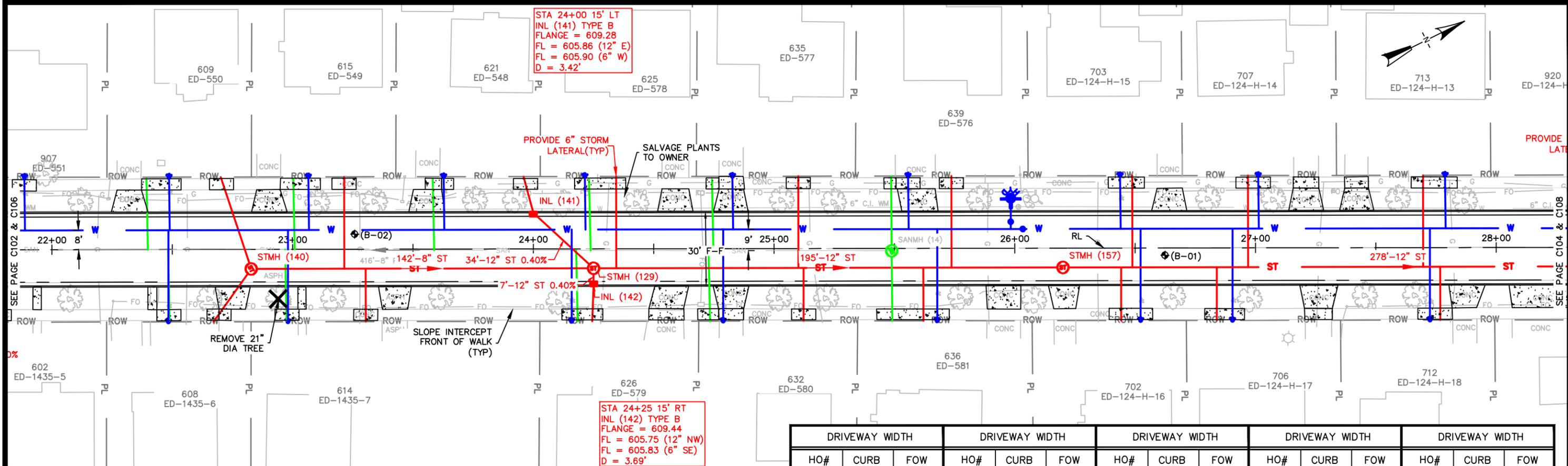
SANMH (9)
STA 18+62, 11' RT
RIM = 611.00
DIA = 48"
FL = 606.40 (8" SW)

53'-12" ST 0.40%

REMOVE
STMH (72)
STA 21+51, 12' RT
RIM = 610.72
DIA = 48"
FL = 607.47 (8" S)
FL = 607.32 (8" NE)
FL = 606.49 (12" SE)
FL = 606.51 (12" NW)

STMH (130)
ROTATE OPENING TO CL
STA 21+51 8' RT
RIM = 610.69
DIA = 48"
FL = 606.46 (12" S)
FL = 606.46 (12" SE)
FL = 606.46 (12" NW) (RECONNECT CONC)

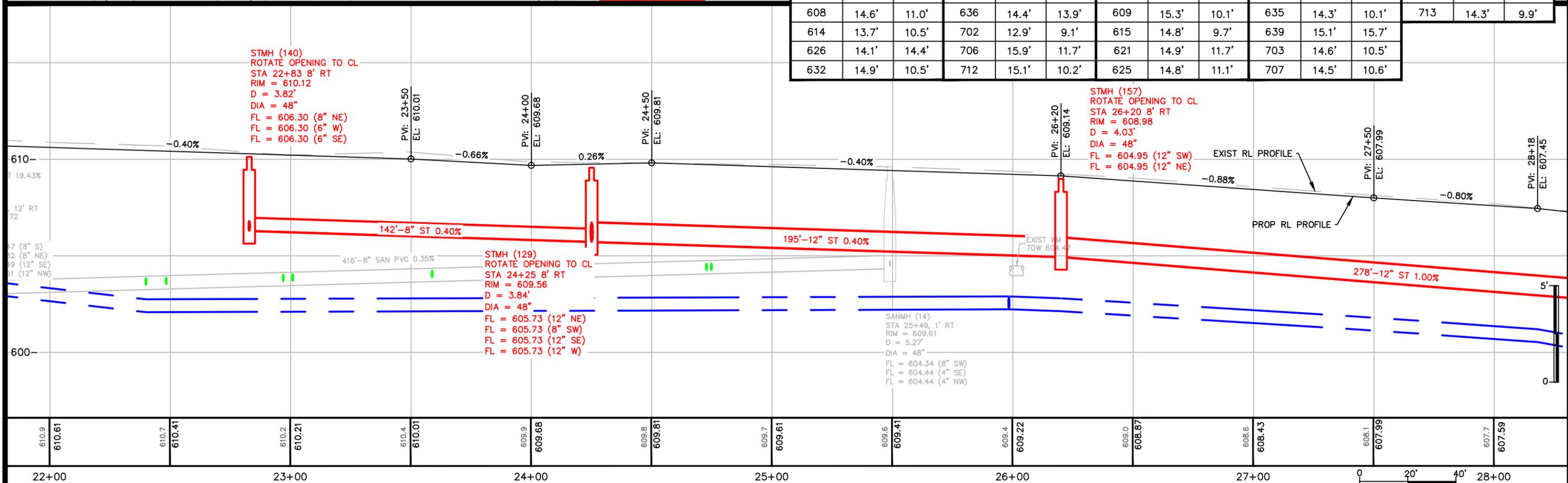
SANMH (11)
STA 21+33, 1' LT
RIM = 611.48
DIA = 48"
FL = 602.88 (8" SE)
FL = 602.83 (8" NW)
FL = 602.89 (8" NE)



STA 24+00 15' LT
 INL (141) TYPE B
 FLANGE = 609.28
 FL = 605.86 (12" E)
 FL = 605.90 (6" W)
 D = 3.42'

STA 24+25 15' RT
 INL (142) TYPE B
 FLANGE = 609.44
 FL = 605.75 (12" NW)
 FL = 605.83 (6" SE)
 D = 3.69'

DRIVEWAY WIDTH			DRIVEWAY WIDTH											
HO#	CURB	FOW	HO#	CURB	FOW									
608	14.6'	11.0'	636	14.4'	13.9'	609	15.3'	10.1'	635	14.3'	10.1'	713	14.3'	9.9'
614	13.7'	10.5'	702	12.9'	9.1'	615	14.8'	9.7'	639	15.1'	15.7'			
626	14.1'	14.4'	706	15.9'	11.7'	621	14.9'	11.7'	703	14.6'	10.5'			
632	14.9'	10.5'	712	15.1'	10.2'	625	14.8'	11.1'	707	14.5'	10.6'			



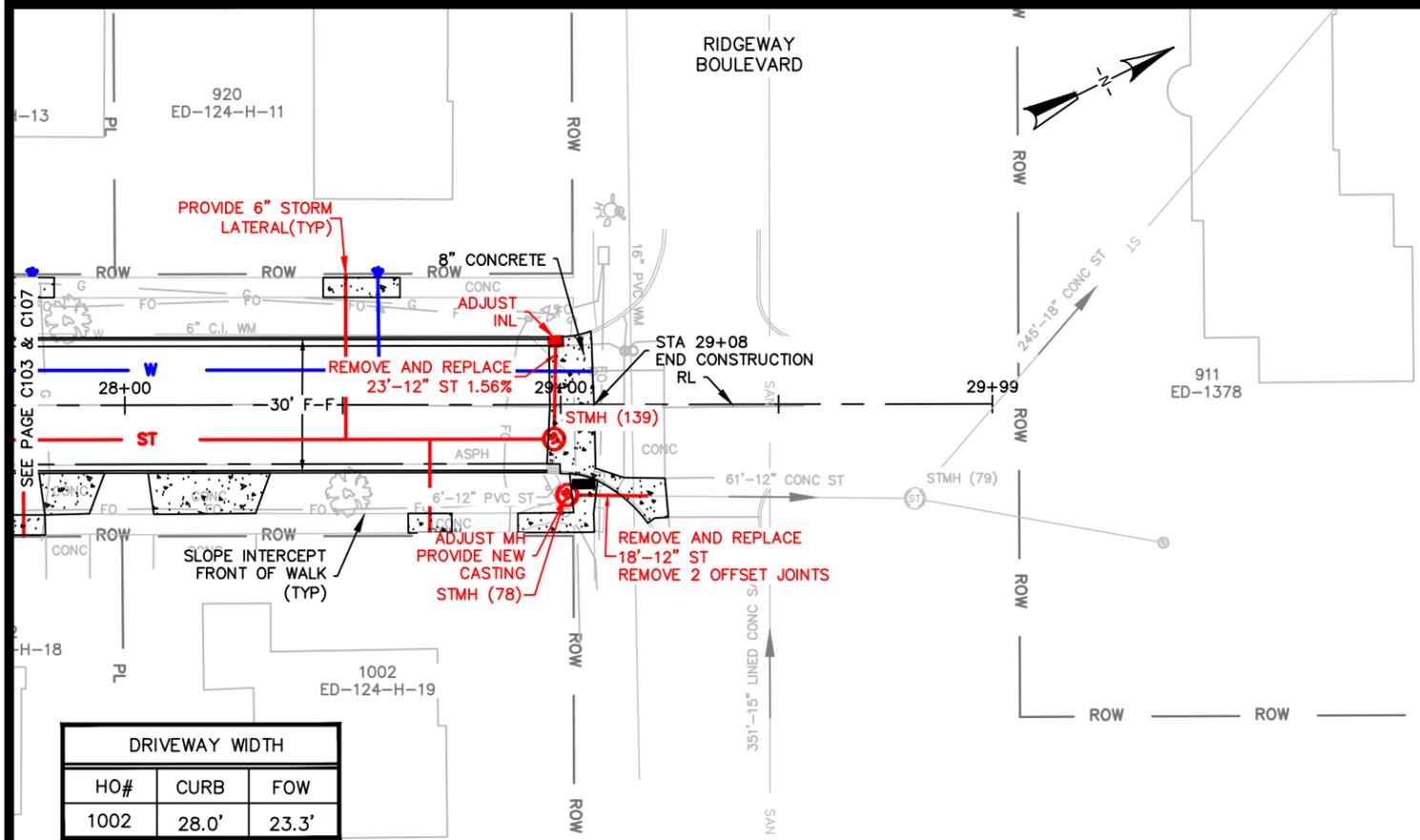
STMH (140)
 ROTATE OPENING TO CL
 STA 22+83 8' RT
 RIM = 610.12
 D = 3.82'
 DIA = 48"
 FL = 606.30 (8" NE)
 FL = 606.30 (6" W)
 FL = 606.30 (6" SE)

STMH (129)
 ROTATE OPENING TO CL
 STA 24+25 8' RT
 RIM = 609.56
 D = 3.84'
 DIA = 48"
 FL = 605.73 (12" NE)
 FL = 605.73 (8" SW)
 FL = 605.73 (12" SE)
 FL = 605.73 (12" W)

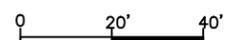
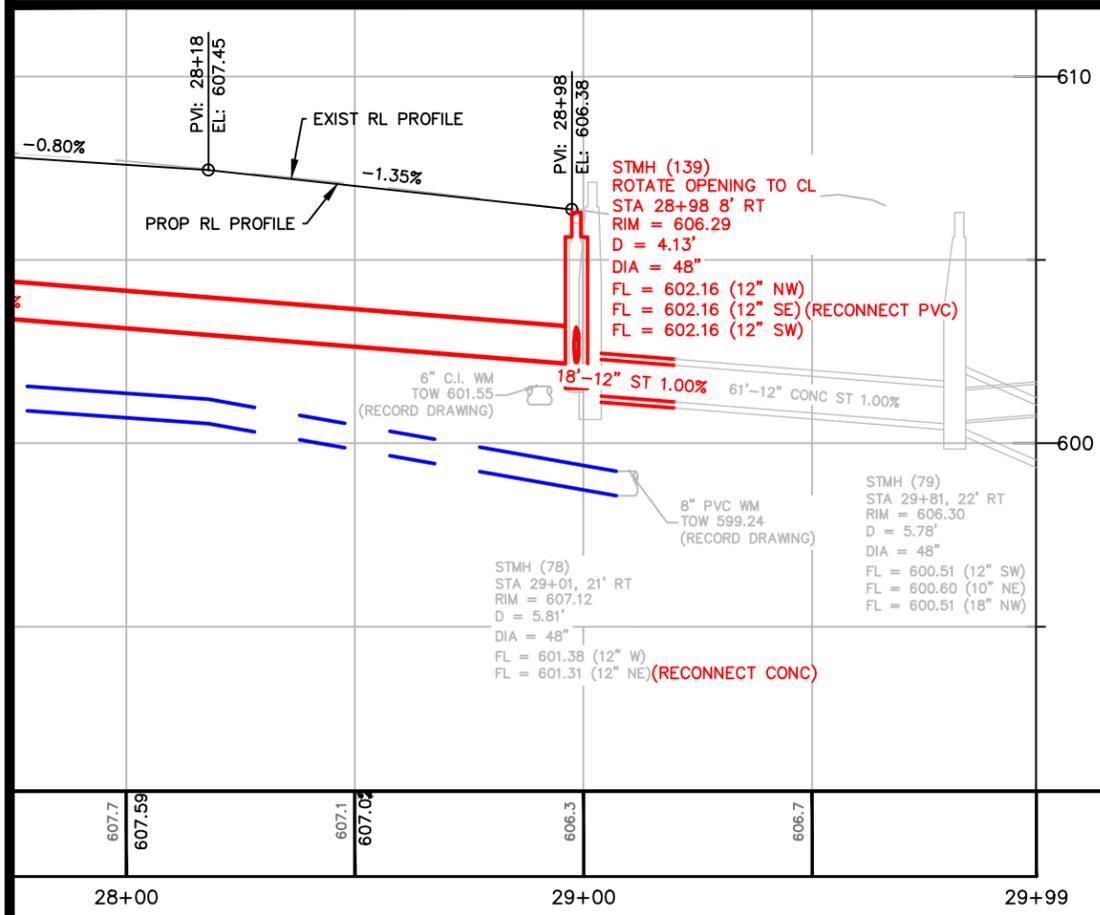
STMH (157)
 ROTATE OPENING TO CL
 STA 26+20 8' RT
 RIM = 608.98
 D = 4.03'
 DIA = 48"
 FL = 604.95 (12" SW)
 FL = 604.95 (12" NE)

SANMH (14)
 STA 25+49, 1' RT
 RIM = 609.61
 D = 5.27'
 DIA = 48"
 FL = 604.34 (8" SW)
 FL = 604.44 (4" SE)
 FL = 604.44 (4" NW)

X:\ENG\Projects\City Projects\2026\Project 26-04 Street Reconstruction\1200-CAD\Ontario Street\Ontario_P&P.dwg



DRIVEWAY WIDTH		
HO#	CURB	FOW
1002	28.0'	23.3'

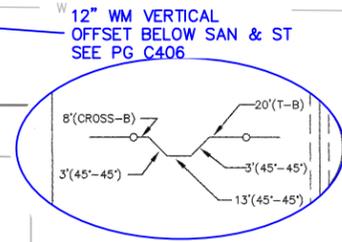
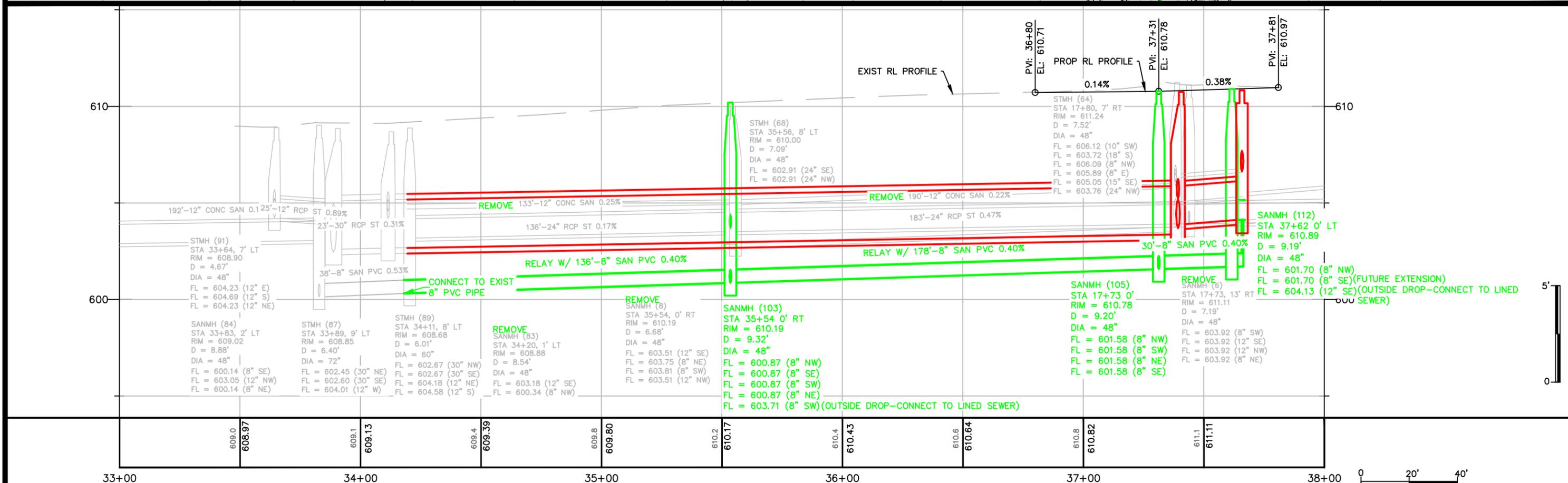
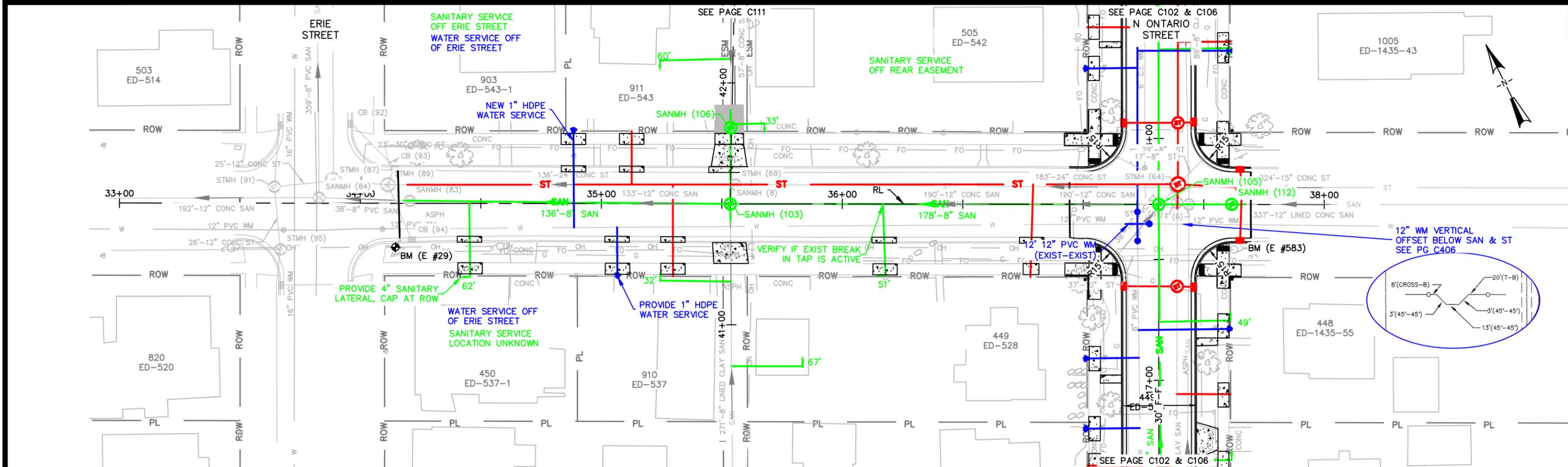


CITY OF DE PERE
 ENGINEERING DIVISION 925 S. SIXTH ST DE PERE WI 54115
 OFFICE: 920-339-4061 EMAIL: DPPUBWRKS@DEPERE.WI.GOV

**NORTH ONTARIO STREET
 650' N/O FULTON ST TO RIDGEWAY BOULEVARD
 STORM SEWER AND STREET**

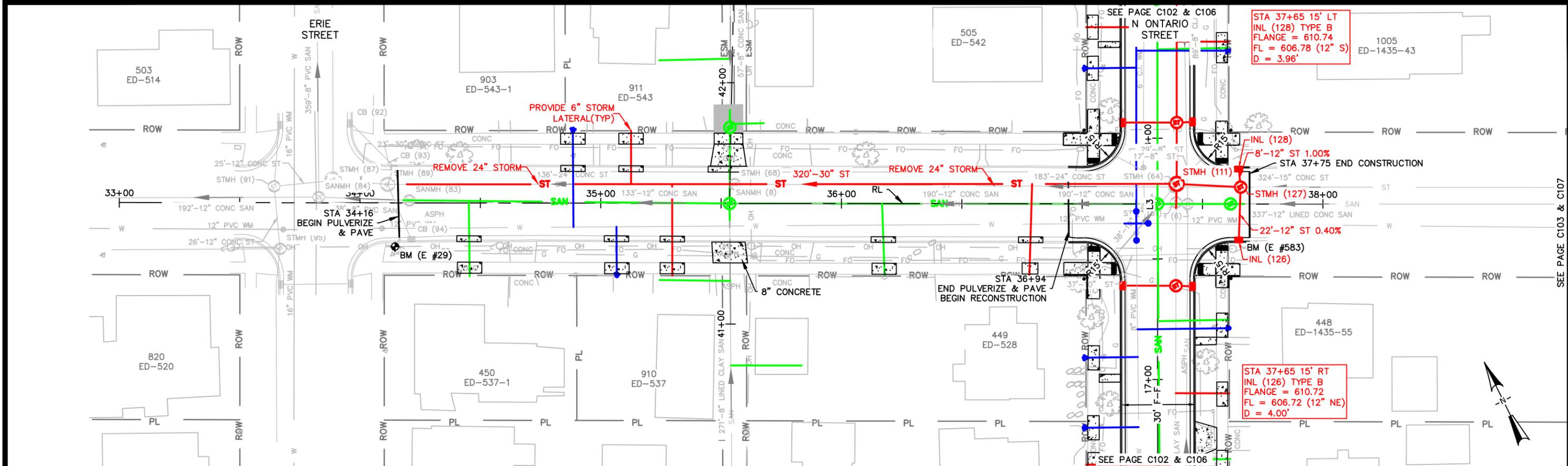
NAME: ONTARIO STREET RECONSTRUCTION PROJECT	BY KAD KAD EPR EPR	DATE 10-2025 02-2026 02-2026 02-2026	NO.	DATE	BY	REVISIONS / ISSUES REMARKS	PAGE NO. C108
--	--------------------------------	--	-----	------	----	-------------------------------	----------------------------

X:\ENG\Projects\City Projects\2026\Project 26-04 Street Reconstruction\1200-CAD\Ontario Street\Ontario_P&P.dwg



NO.	DATE	REVISIONS / ISSUES	
		BY	REMARKS
SURVEYED	KAD	10-2025	
DRAWN	KAD	02-2026	
DESIGNED	EPR	02-2026	
CHECKED	EPR	02-2026	

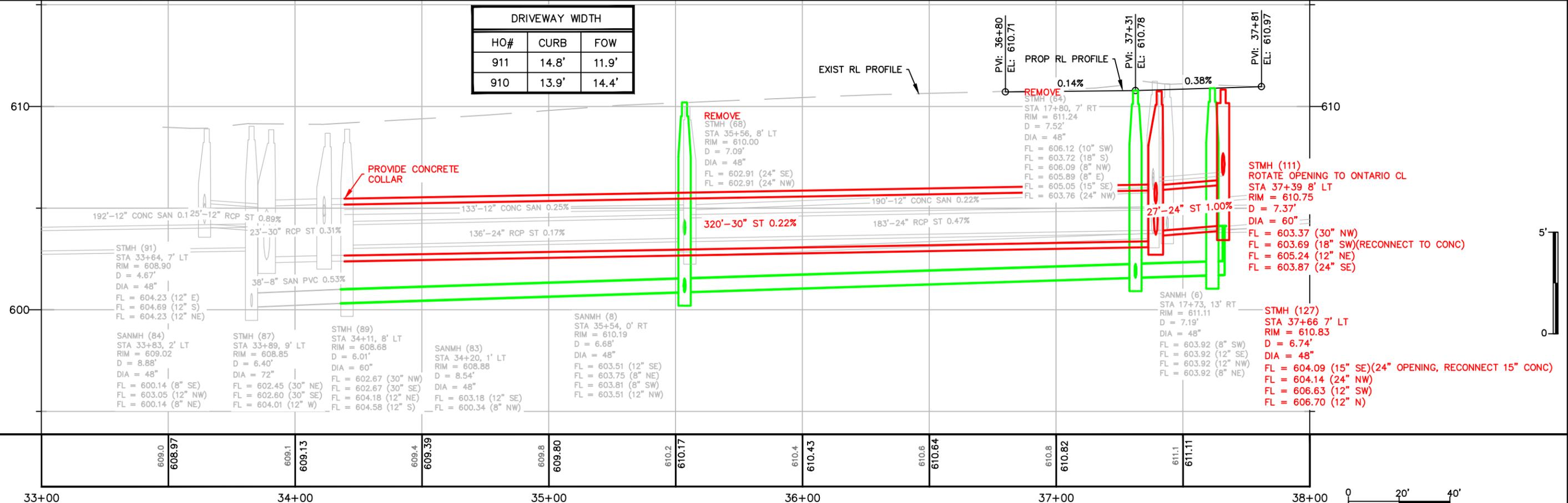
X:\ENG\Projects\City Projects\2026\Project 26-04 Street Reconstruction\1200-CAD\Ontario Street\Ontario_LP&P.dwg



STA 37+65 15' LT
INL (128) TYPE B
FLANGE = 610.74
FL = 606.78 (12\"/>

STA 37+65 15' RT
INL (126) TYPE B
FLANGE = 610.72
FL = 606.72 (12\"/>

DRIVEWAY WIDTH		
HO#	CURB	FOW
911	14.8'	11.9'
910	13.9'	14.4'



REMOVE
STMH (68)
STA 35+56, 8' LT
RIM = 610.00
D = 7.09'
DIA = 48"
FL = 602.91 (24\"/>

REMOVE
STMH (64)
STA 17+80, 7' RT
RIM = 611.24
D = 7.52'
DIA = 48"
FL = 606.12 (10\"/>

REMOVE
STMH (111)
ROTATE OPENING TO ONTARIO CL
STA 37+39, 8' LT
RIM = 610.75
D = 7.37'
DIA = 60"
FL = 603.37 (30\"/>

REMOVE
STMH (127)
STA 37+66, 7' LT
RIM = 610.83
D = 6.74'
DIA = 48"
FL = 604.09 (15\"/>

SANMH (6)
STA 17+73, 13' RT
RIM = 611.11
D = 7.19'
DIA = 48"
FL = 603.92 (8\"/>

33+00 34+00 35+00 36+00 37+00 38+00 0 20' 40'

CITY OF DE PERE
ENGINEERING DIVISION 925 S. SIXTH ST DE PERE WI 54115
OFFICE: 920-339-4061 EMAIL: DPPUBWRKS@DEPEREWI.GOV

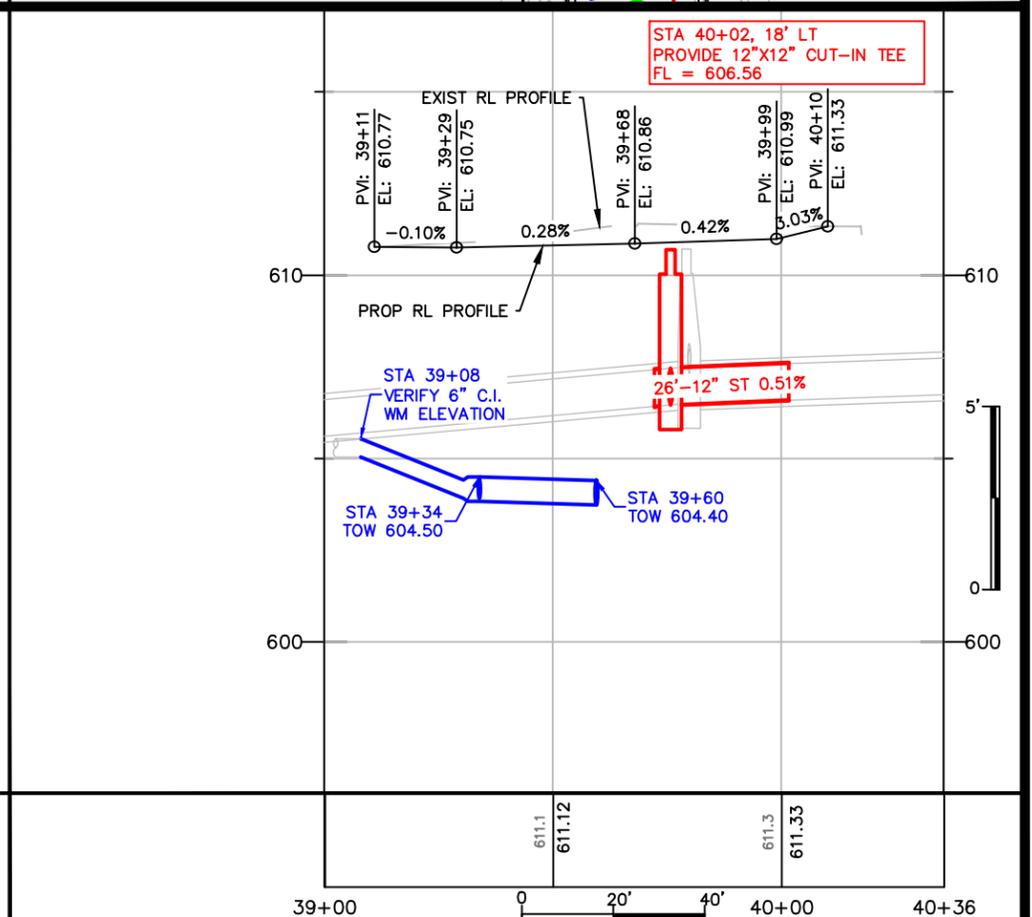
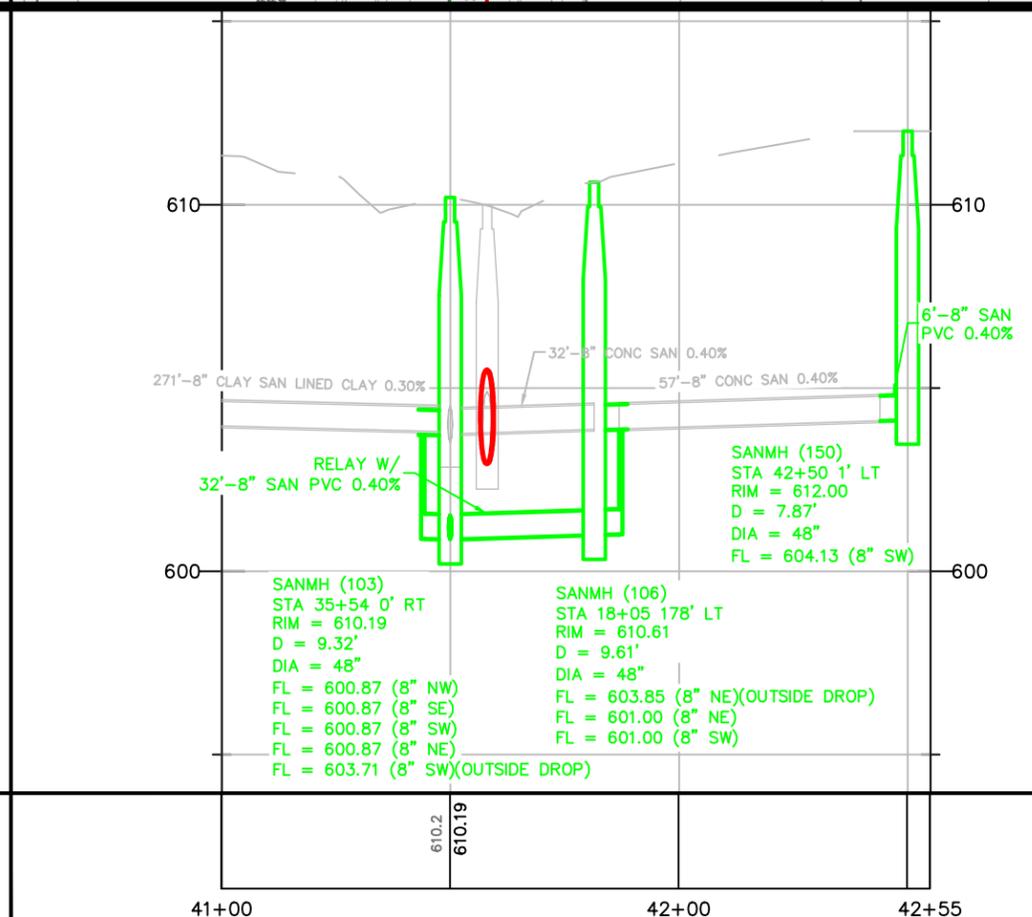
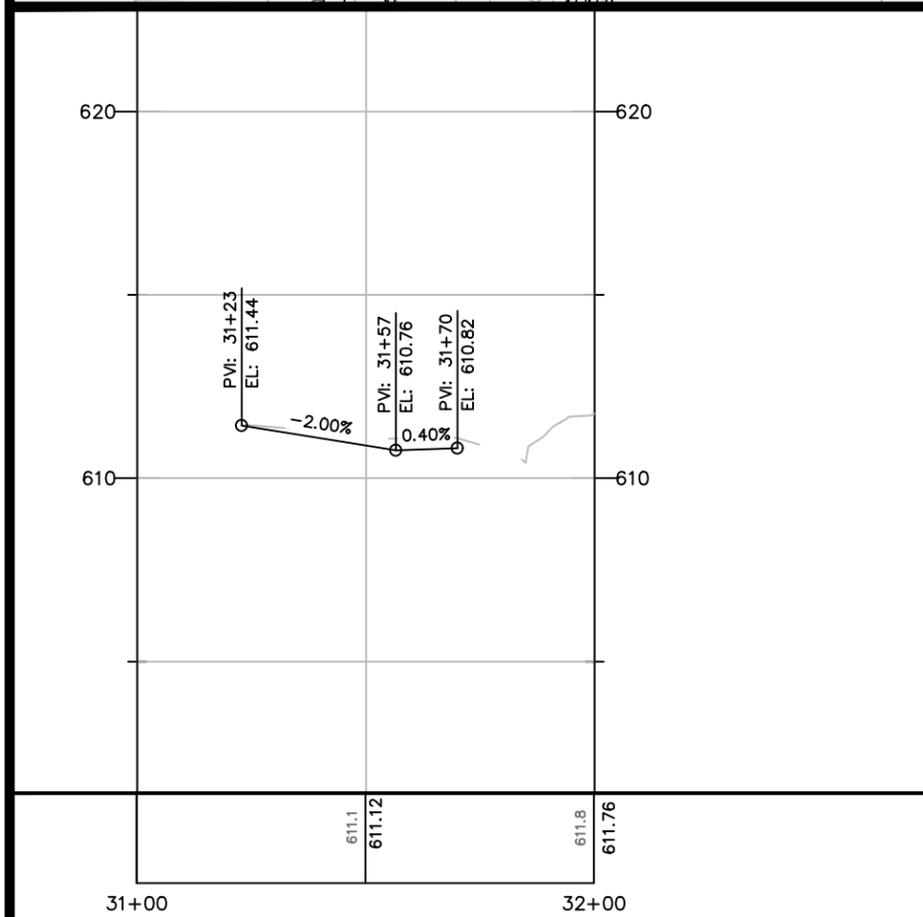
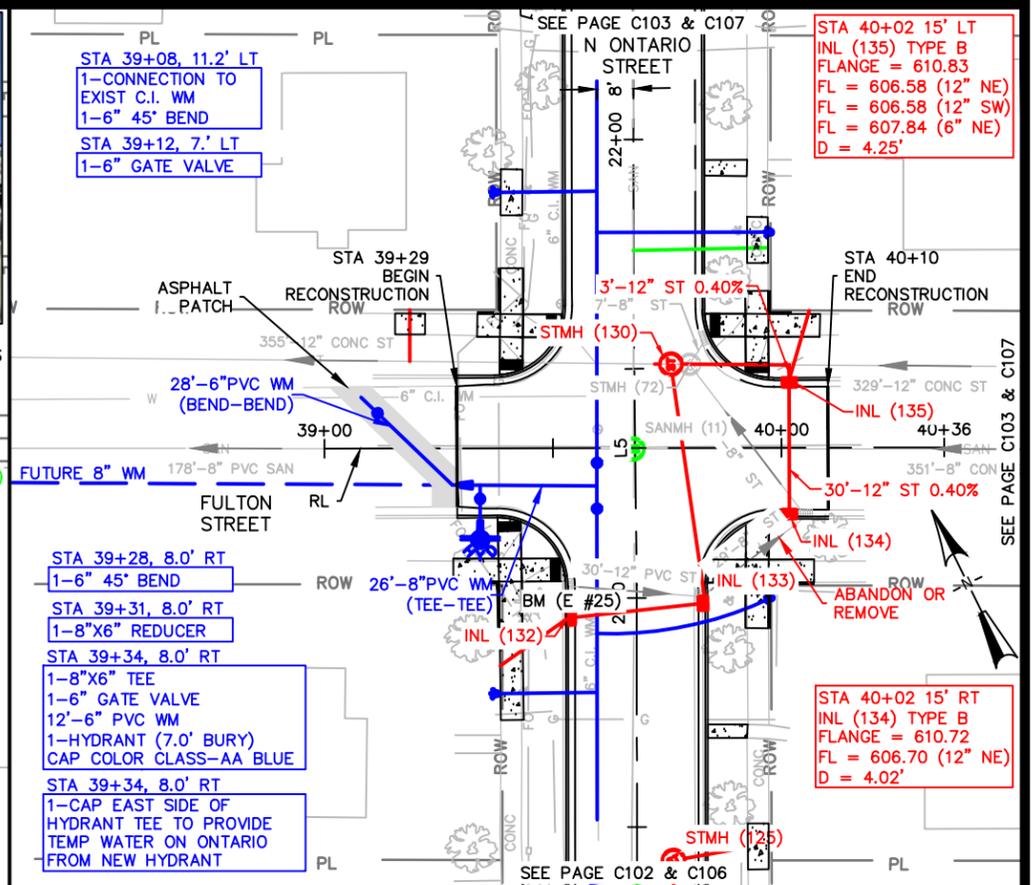
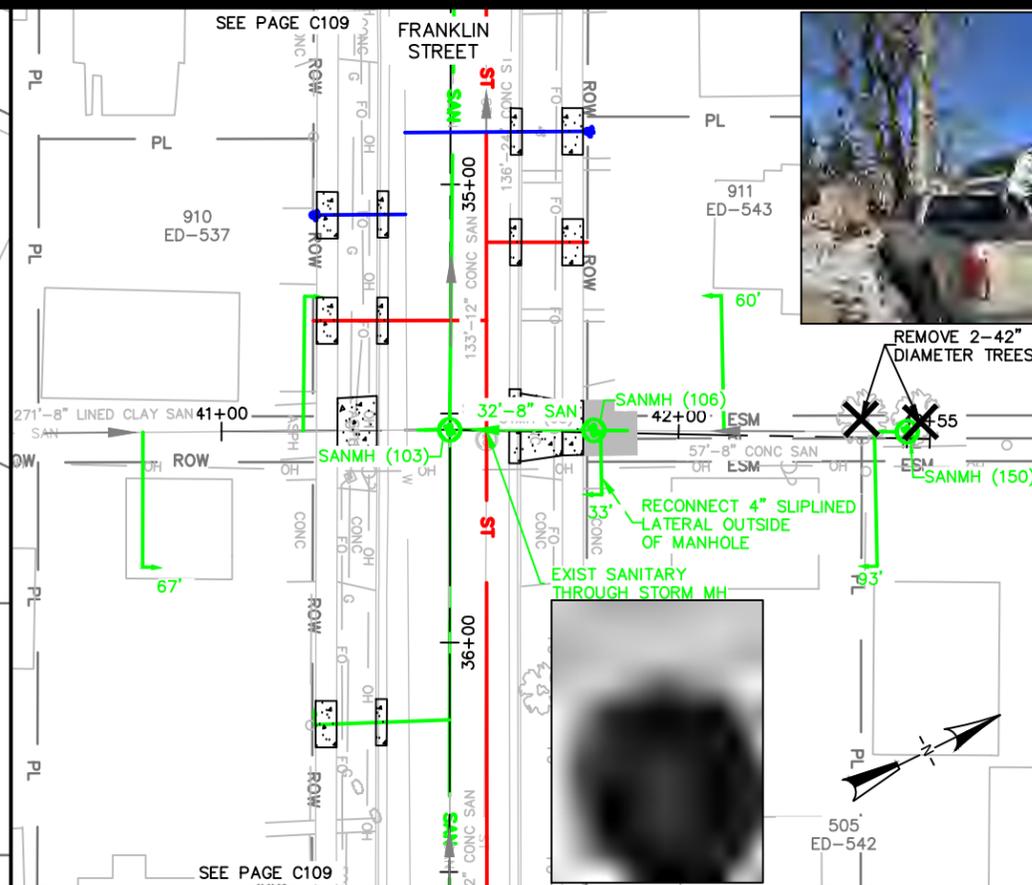
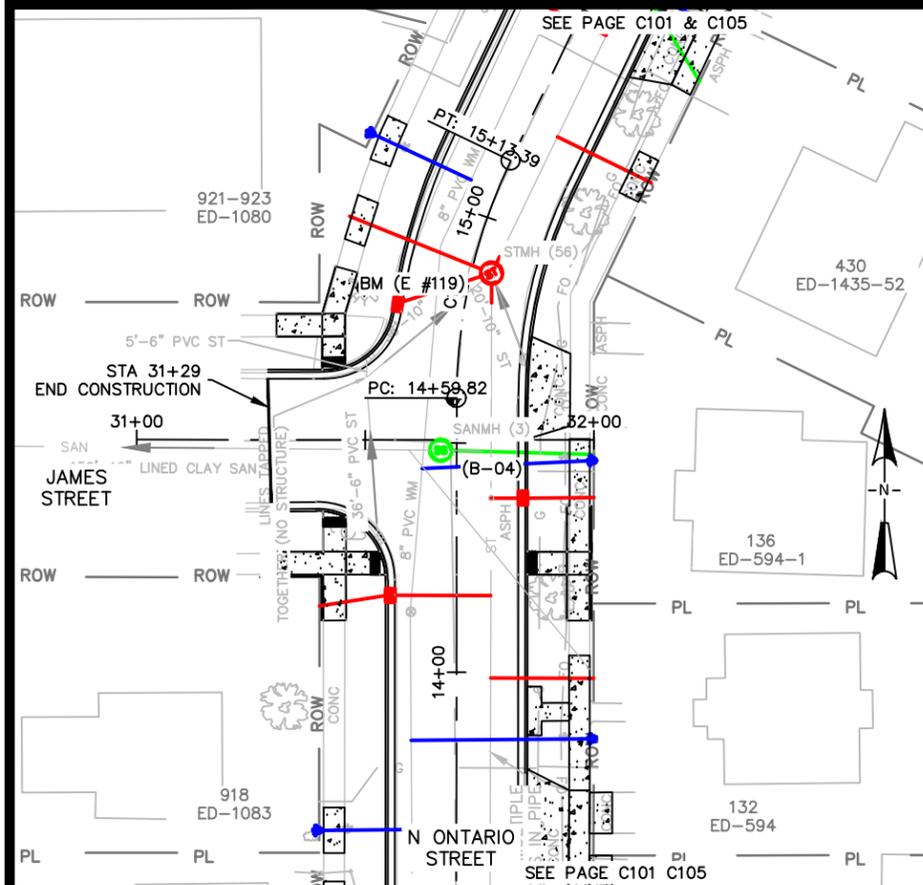
FRANKLIN STREET
N ERIE STREET TO N ONTARIO STREET
STORM SEWER AND STREET

NAME: ONTARIO STREET RECONSTRUCTION PROJECT
26-04

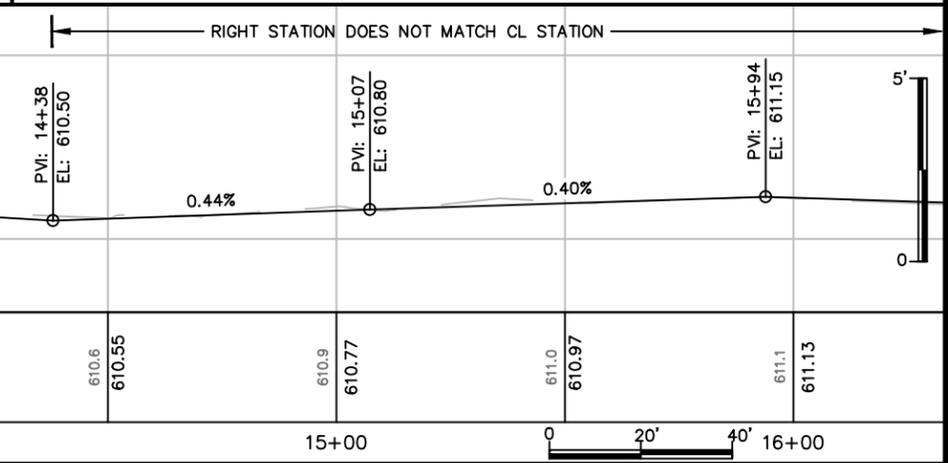
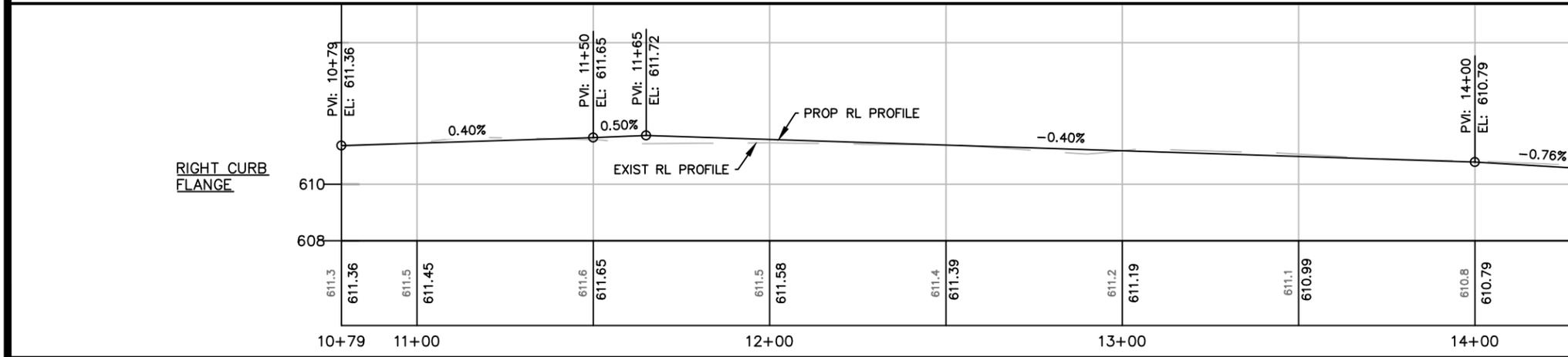
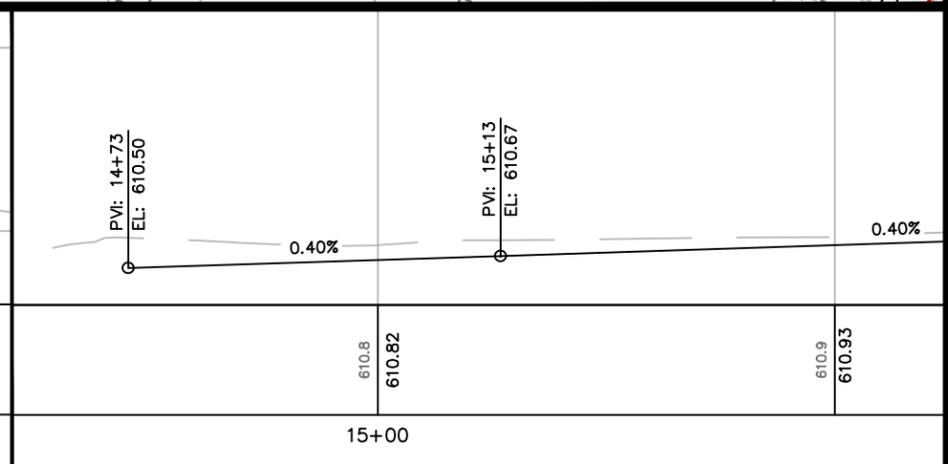
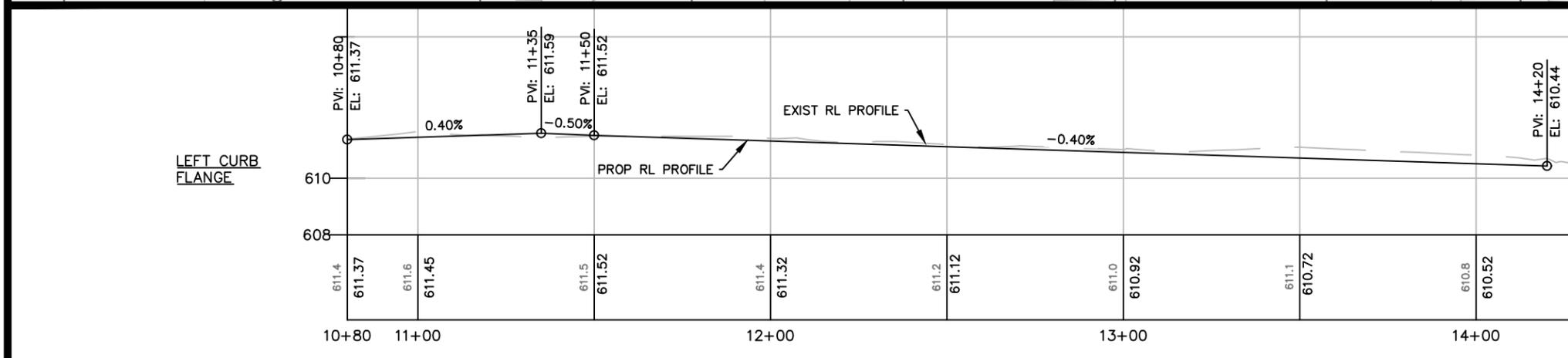
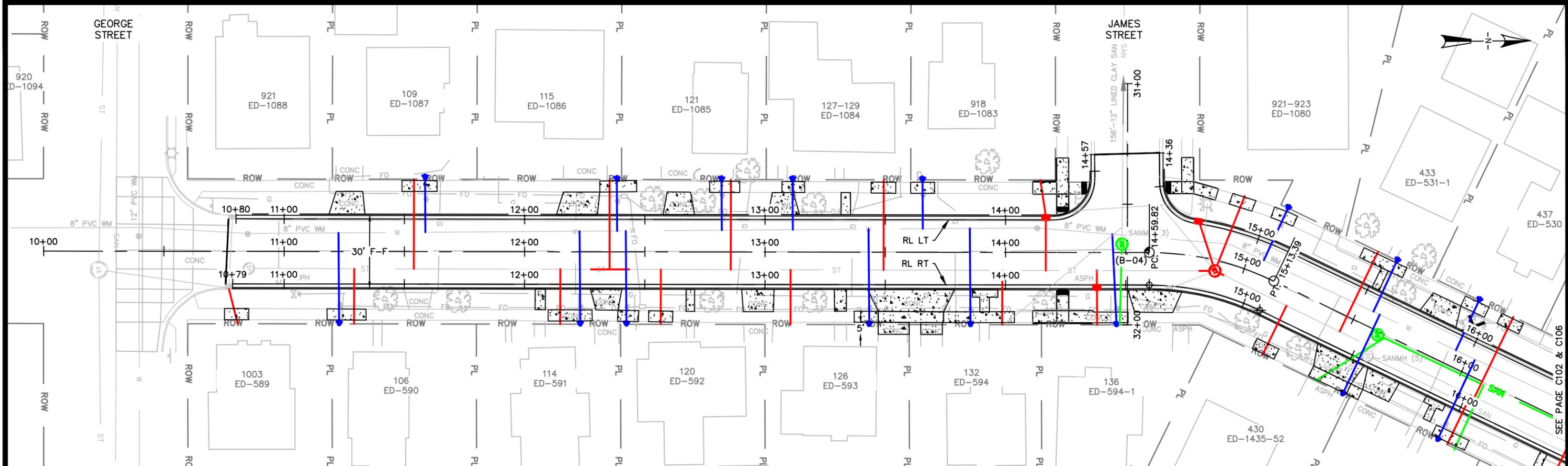
NO.	DATE	REVISIONS / ISSUES	
		BY	REMARKS
SURVEYED	KAD	10-2025	
DRAWN	KAD	02-2026	
DESIGNED	EPR	02-2026	
CHECKED	EPR	02-2026	

PAGE NO.
C110

X:\ENG\Projects\City Projects\2026\Project 26-04 Street Reconstruction\1200-CAD\Ontario Street Reconstruction\Ontario_LP&P.dwg

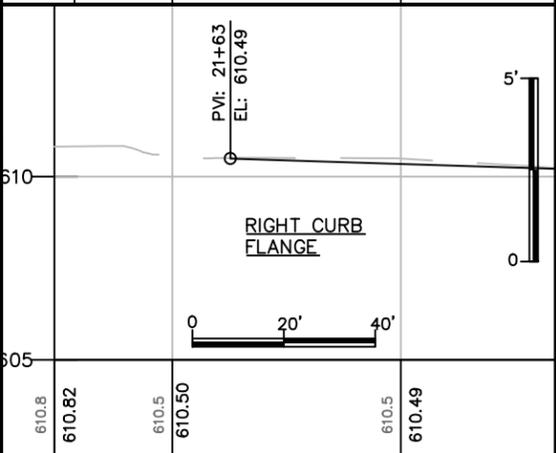
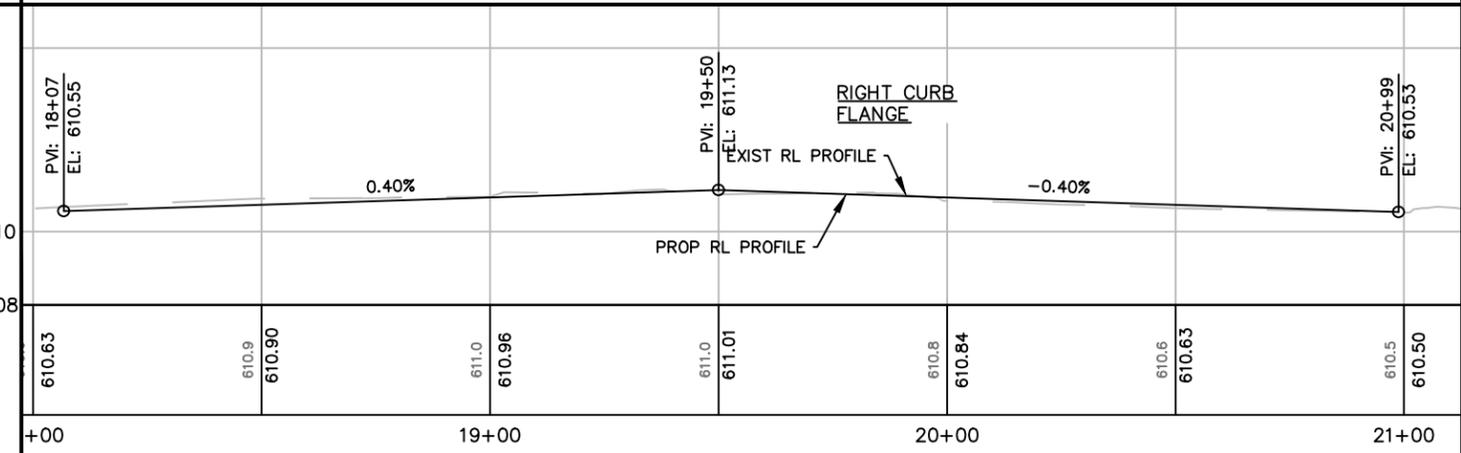
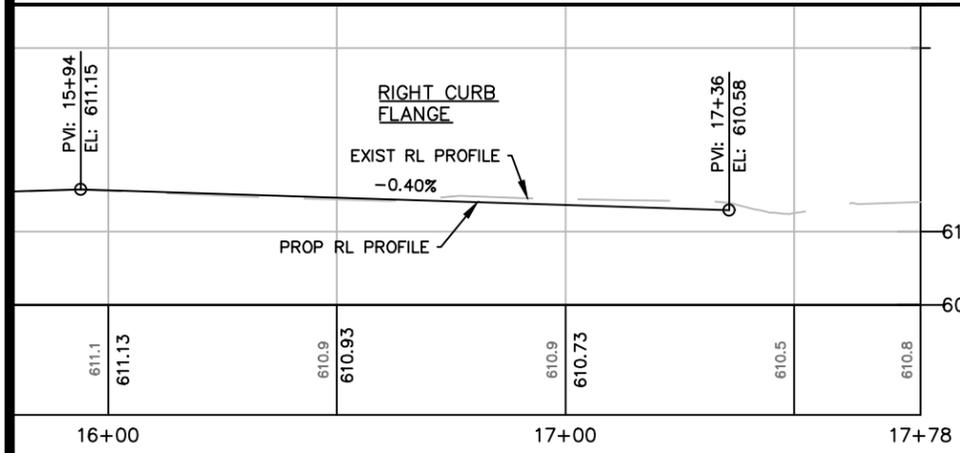
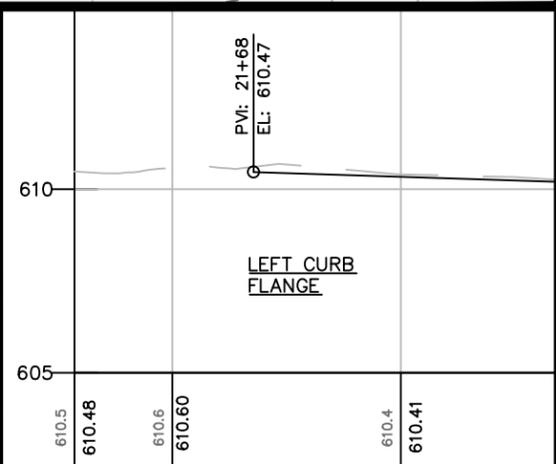
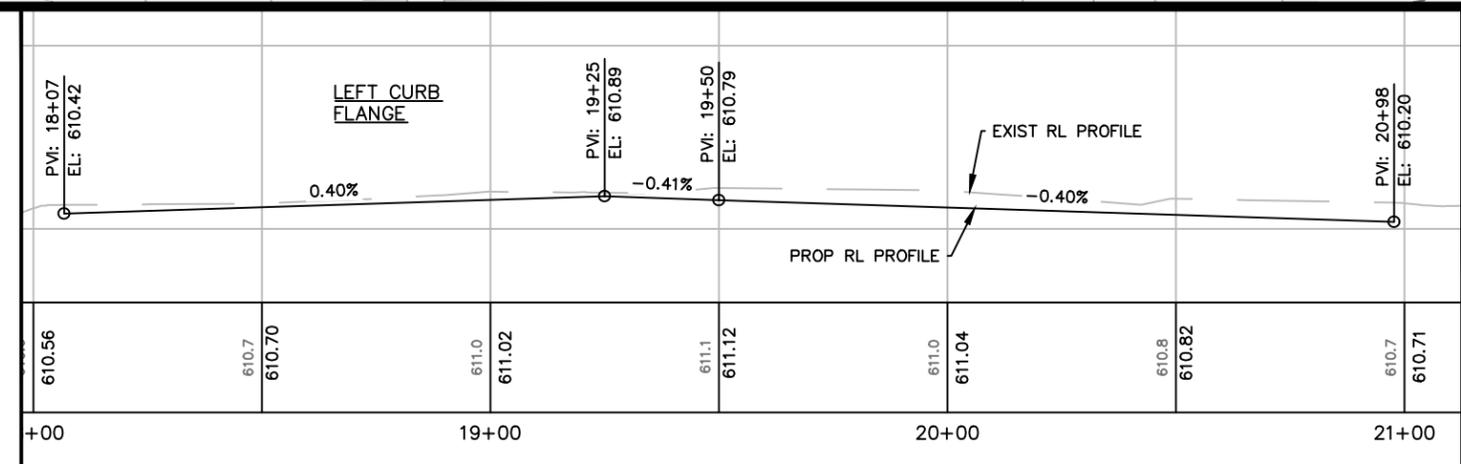
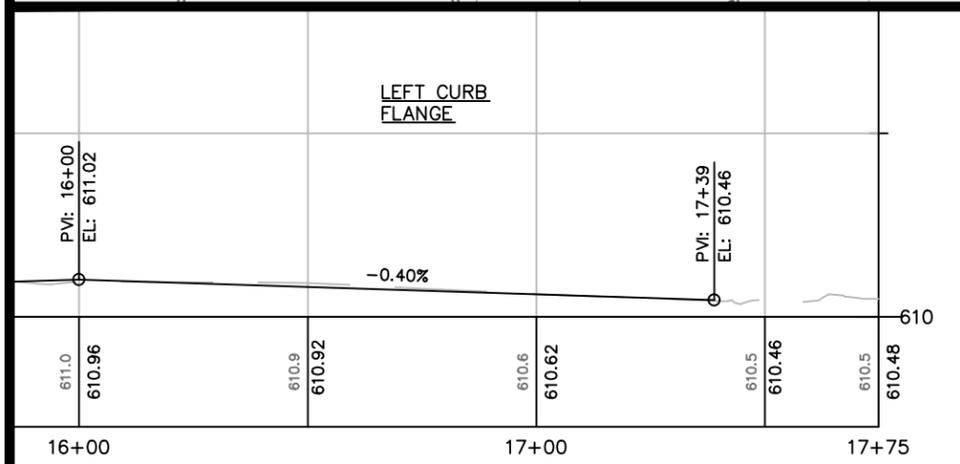
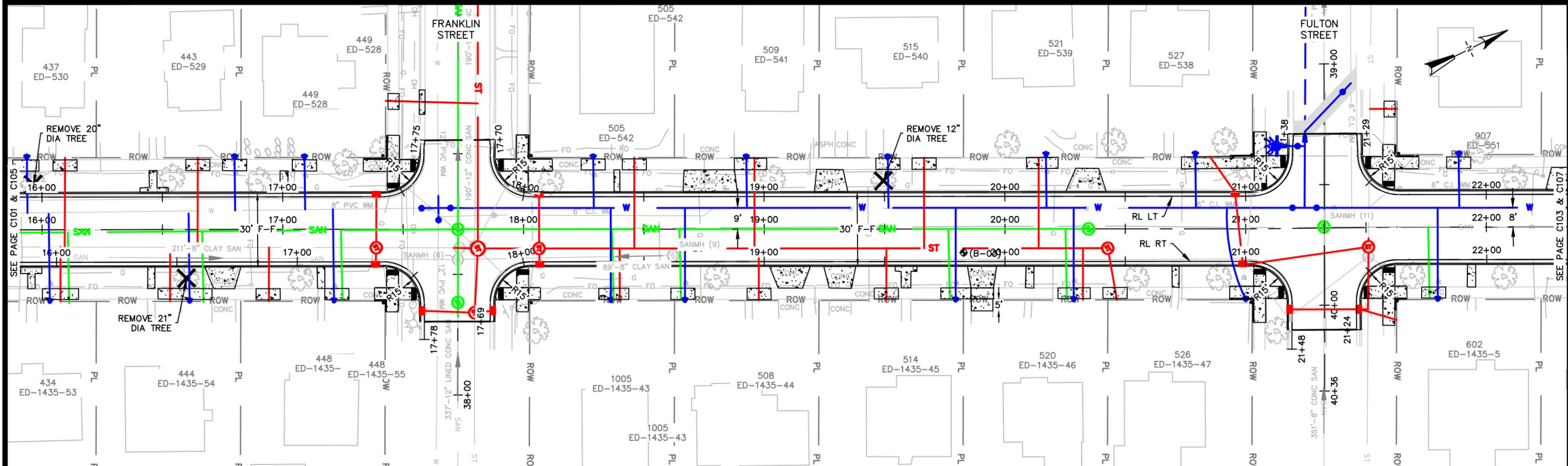


X:\ENG\Projects\City Projects\2026\Project 26-04 Street Reconstruction\1200-CAD\Ontario Street Reconstruction_P&P.dwg



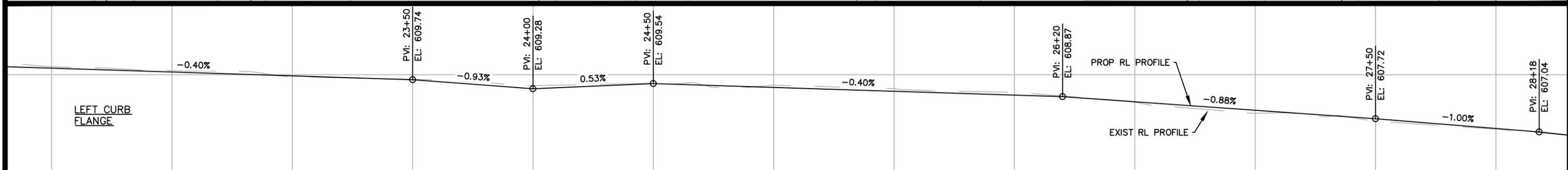
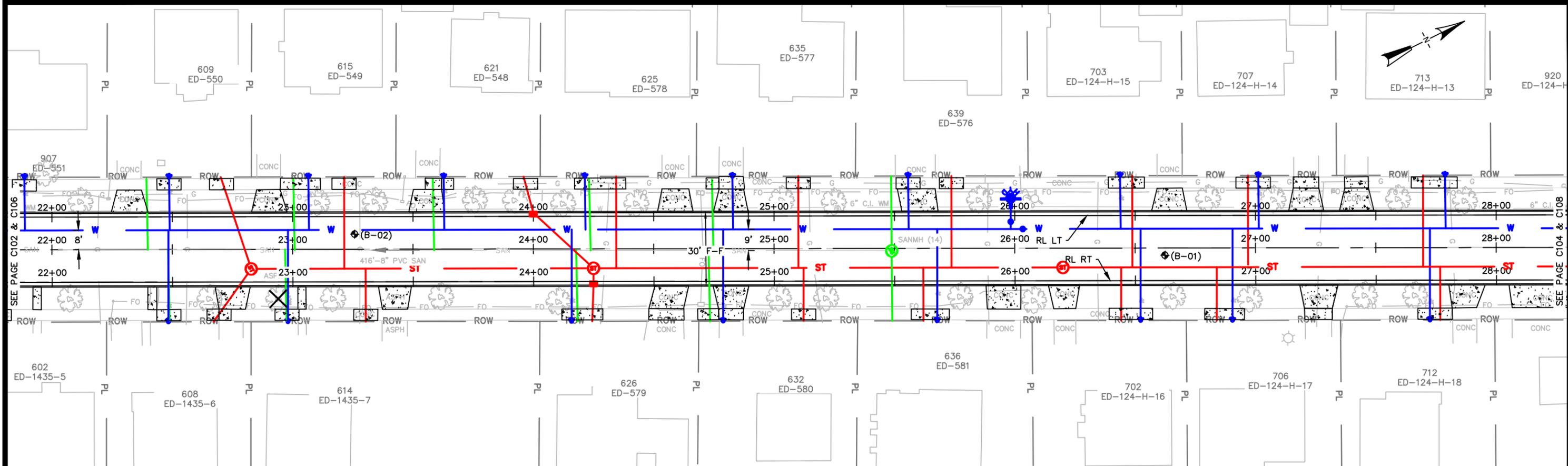
NO.	DATE	REVISIONS / ISSUES	
		BY	REMARKS
SURVEYED	KAD	10-2025	
DRAWN	KAD	02-2026	
DESIGNED	EPR	02-2026	
CHECKED	EPR	02-2026	

X:\ENG\Projects\City Projects\2026\Project 26-04 Street Reconstruction\1200-CAD\Ontario Street Reconstruction\Ontario_LP&P.dwg

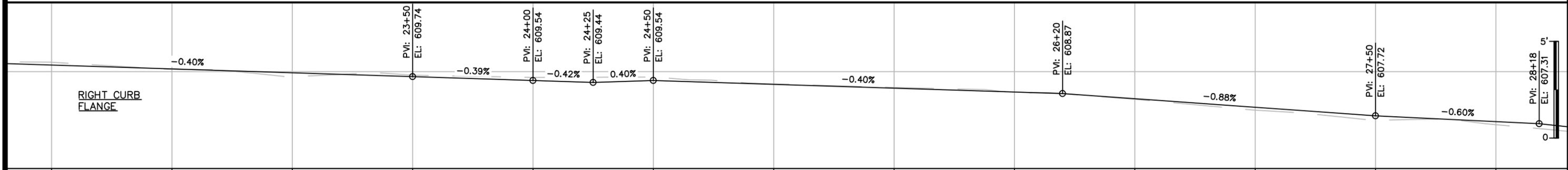


CITY OF DE PERE ENGINEERING DIVISION 925 S. SIXTH ST DE PERE WI 54115 OFFICE: 920-339-4061 EMAIL: DPPUBWRKS@DEPEREWI.GOV	NORTH ONTARIO STREET 150' N/O JAMES ST TO 50' N/O FULTON STREET CURB FLANGE PROFILES	NAME: ONTARIO STREET RECONSTRUCTION PROJECT 26-04												
SURVEYED BY: KAD DATE: 10-2025 DRAWN BY: KAD DATE: 02-2026 DESIGNED BY: EPR DATE: 02-2026 CHECKED BY: EPR DATE: 02-2026	REVISIONS / ISSUES <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>NO.</th> <th>DATE</th> <th>BY</th> <th>REMARKS</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>	NO.	DATE	BY	REMARKS									PAGE NO. C113
NO.	DATE	BY	REMARKS											

X:\ENG\Projects\City Projects\2026\Project 26-04 Street Reconstruction\1200-CAD\Ontario Street\Ontario_P&P.dwg



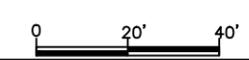
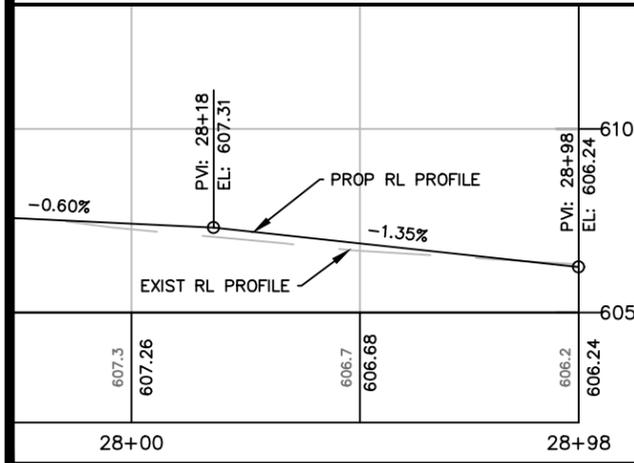
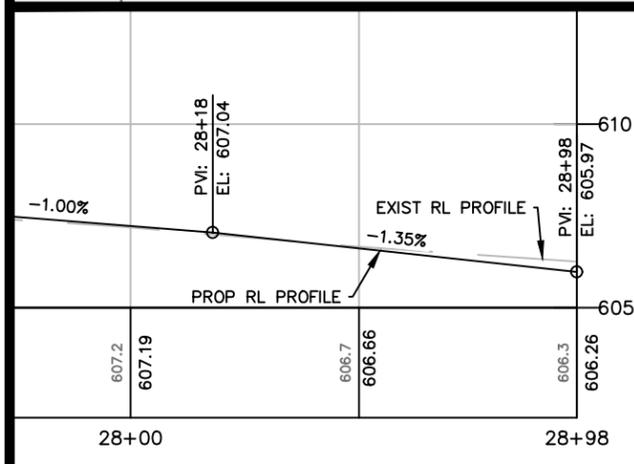
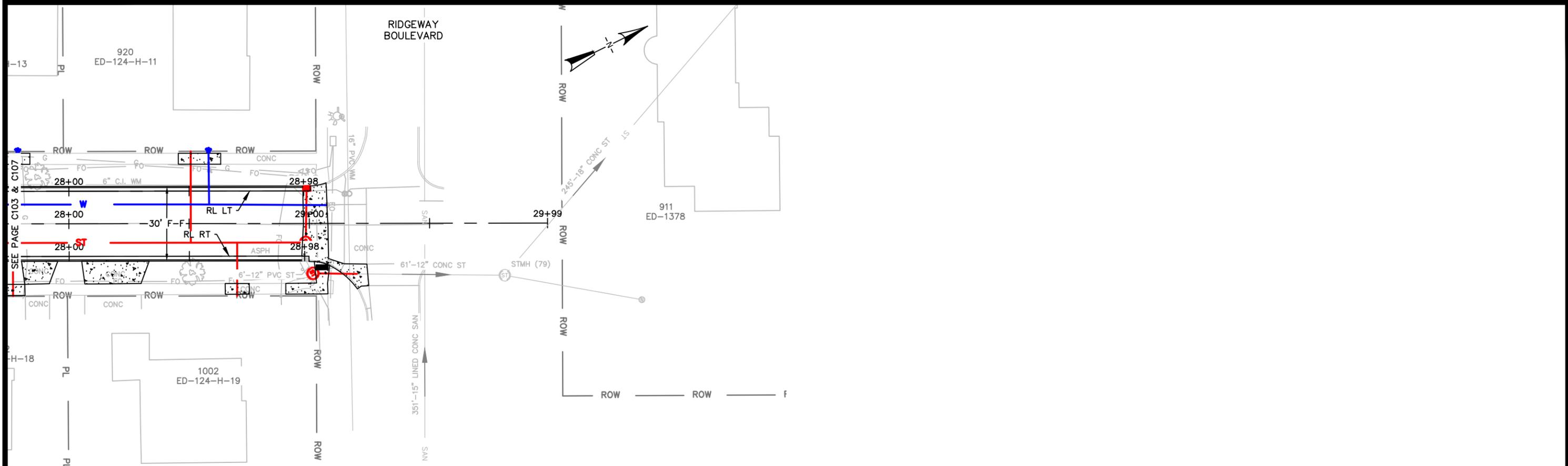
610.4	610.41	610.2	610.21	609.9	609.89	609.8	609.76	609.4	609.43	609.5	609.53	609.5	609.46	609.3	609.27	609.1	609.09	608.6	608.58	608.0	608.01	607.6	607.60	607.2	607.19
22+00		23+00				24+00						25+00				26+00				27+00				28+00	



610.5	610.49	610.1	610.12	609.7	609.73	609.8	609.82	609.7	609.70	609.7	609.72	609.4	609.37	609.2	609.18	608.9	608.91	608.6	608.58	608.0	608.01	607.5	607.49	607.3	607.26
22+00		23+00				24+00						25+00				26+00				27+00				28+00	

CITY OF DE PERE ENGINEERING DIVISION 925 S. SIXTH ST DE PERE WI 54115 OFFICE: 920-339-4061 EMAIL: DPPUBWRKS@DEPEREWI.GOV	NORTH ONTARIO STREET 50' N/O FULTON ST TO 650' N/O FULTON STREET CURB FLANGE PROFILES	NAME: ONTARIO STREET RECONSTRUCTION PROJECT 26-04		BY: KAD DATE: 10-2025	NO. 1 DATE: 10-2025	REVISIONS / ISSUES BY: _____ REMARKS: _____	PAGE NO. C114
		SURVEYED: KAD DRAWN: KAD DESIGNED: EPR CHECKED: EPR	DATE: 02-2026 DATE: 02-2026 DATE: 02-2026				

X:\ENG\Projects\City Projects\2026\Project 26-04 Street Reconstruction\1200-CAD\Ontario Street Reconstruction\Ontario_LP&P.dwg



CITY OF DE PERE
 ENGINEERING DIVISION 925 S. SIXTH ST DE PERE WI 54115
 OFFICE: 920-339-4061 EMAIL: DPPUBWRKS@DEPEREWI.GOV

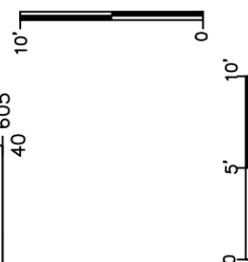
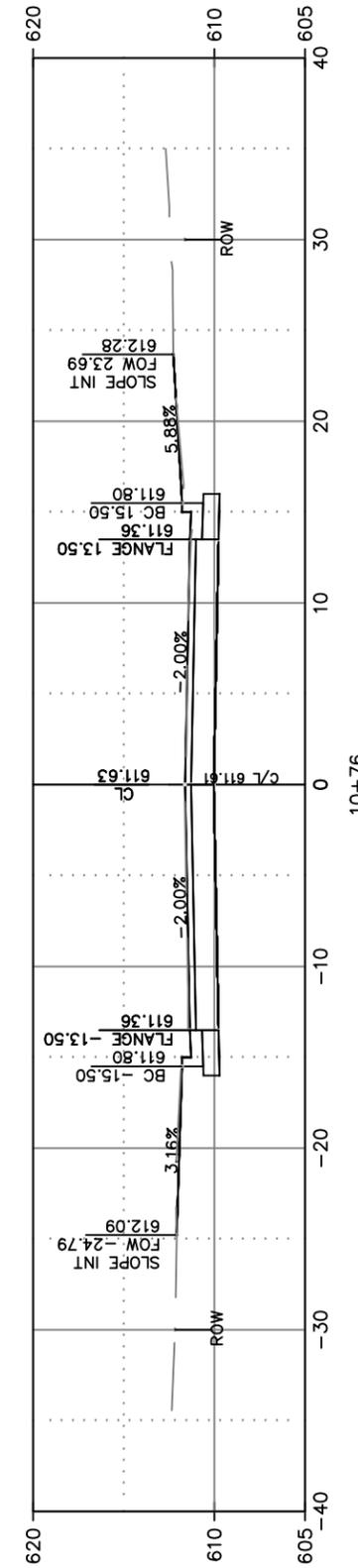
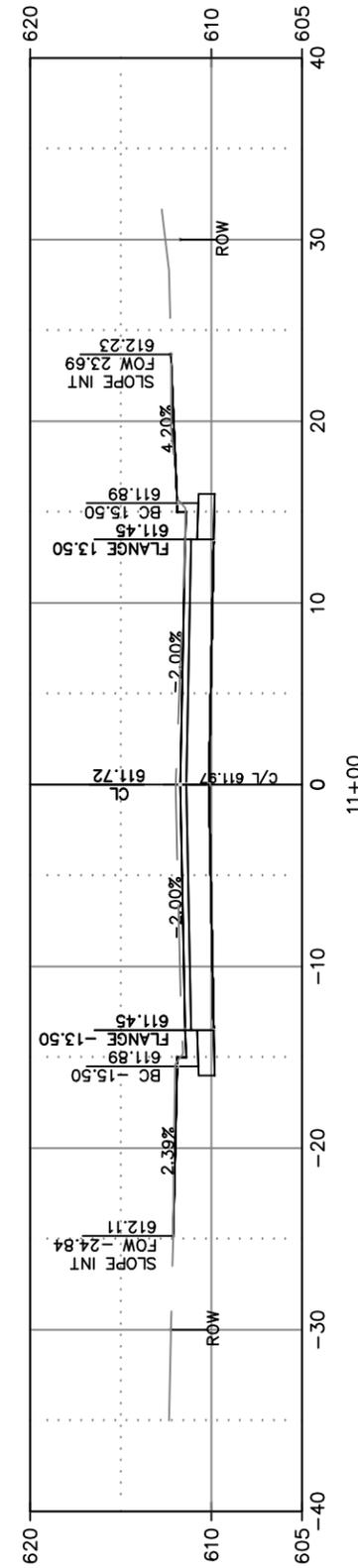
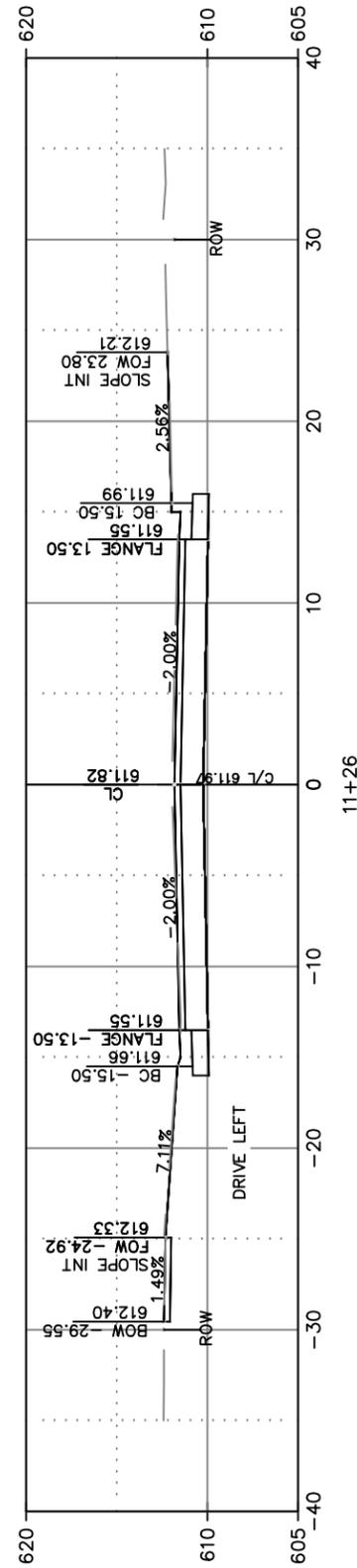
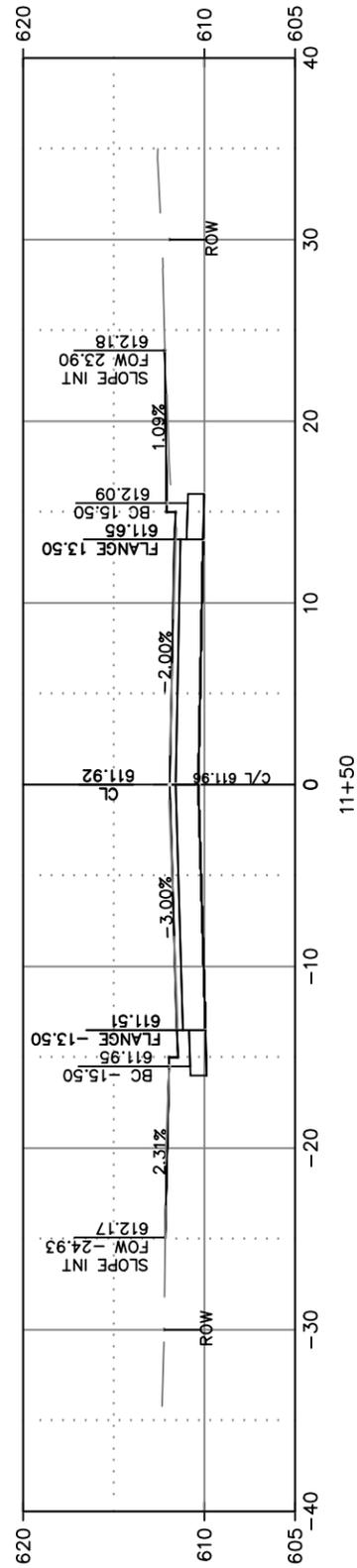
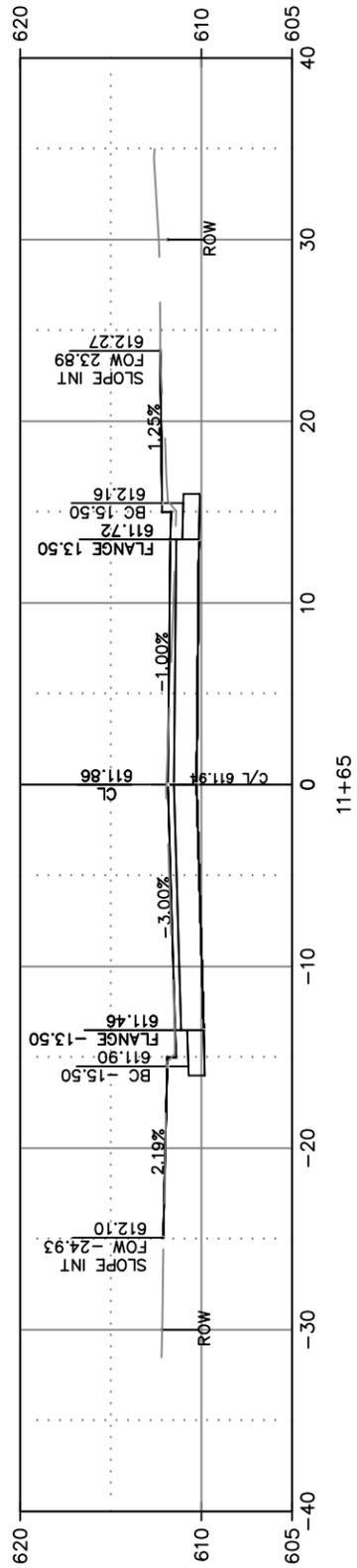
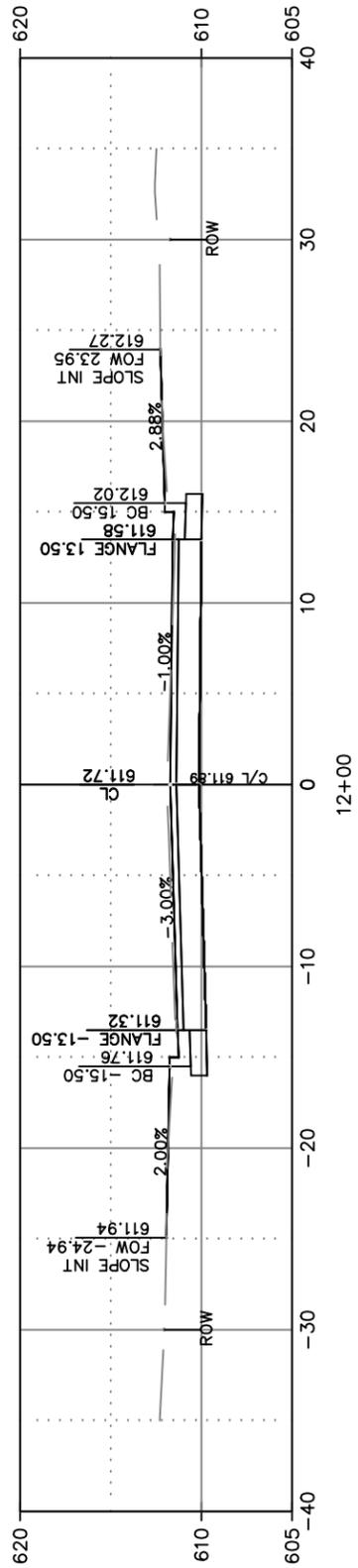
NORTH ONTARIO STREET
650' N/O FULTON ST TO RIDGEWAY BOULEVARD
CURB FLANGE PROFILES

NAME: ONTARIO STREET RECONSTRUCTION PROJECT
 26-04

	BY	DATE	REVISIONS / ISSUES	
			NO.	DATE
SURVEYED	KAD	10-2025		
DRAWN	KAD	02-2026		
DESIGNED	EPR	02-2026		
CHECKED	EPR	02-2026		

PAGE NO.
C115

X:\ENG\Projects\City Projects\2026\Project 26-04 Street Reconstruction\1200-CAD\Ontario Street\Ontario_P&P.dwg



CITY OF DE PERE

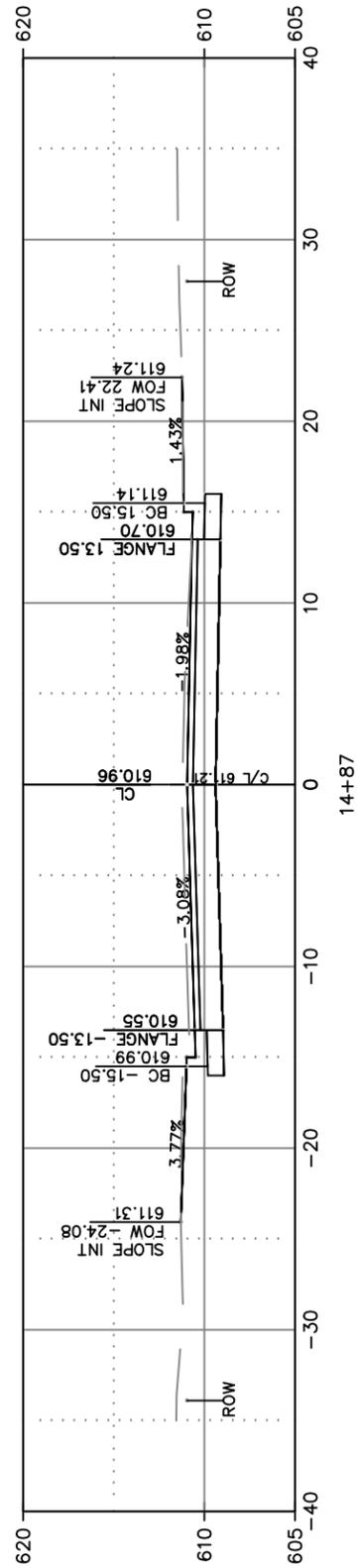
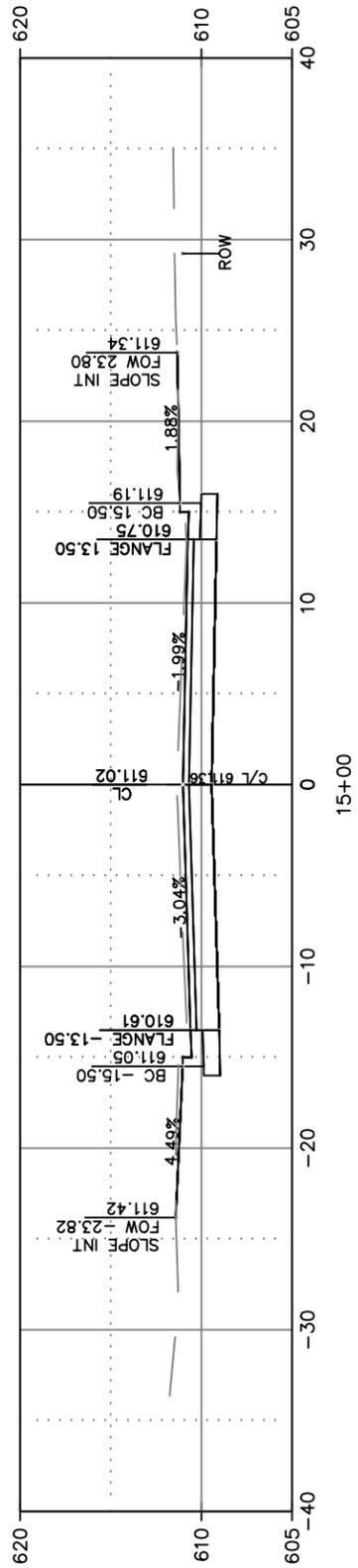
ENGINEERING DIVISION 925 S. SIXTH ST DE PERE WI 54115
OFFICE: 920-339-4061 EMAIL: DPPUBWRKS@DEPEREWI.GOV

**N. ONTARIO STREET
CROSS SECTIONS**

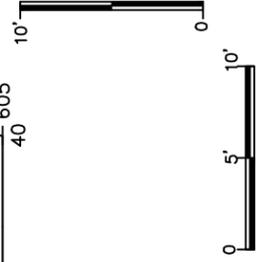
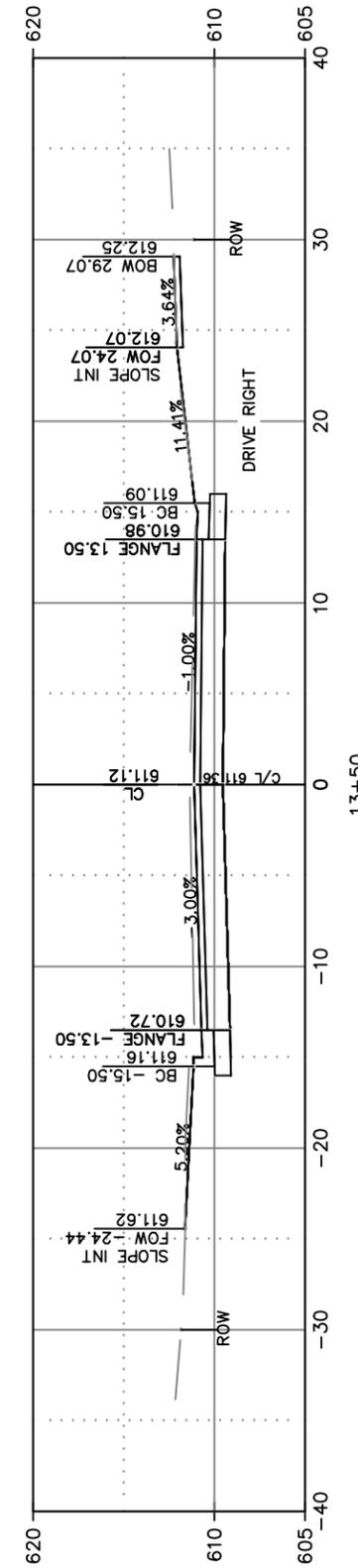
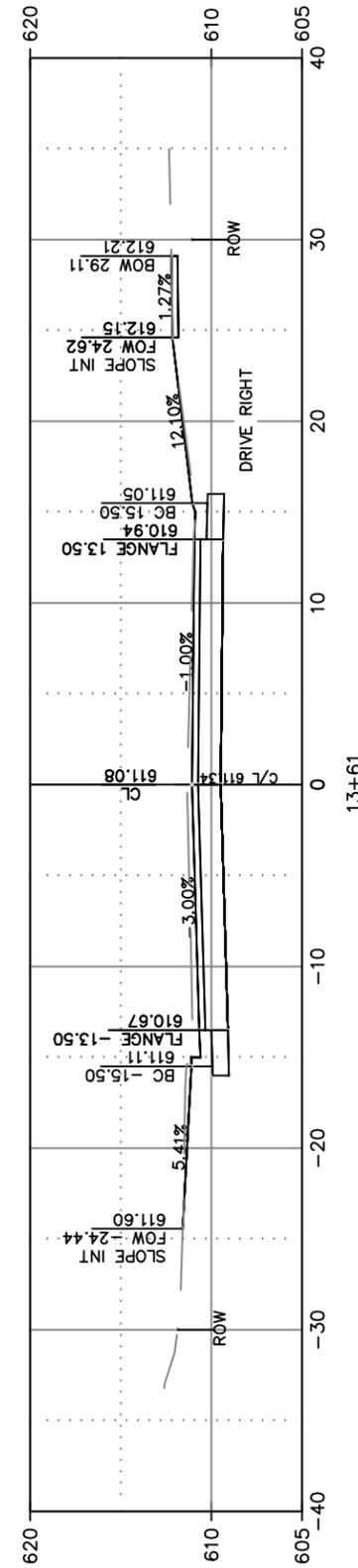
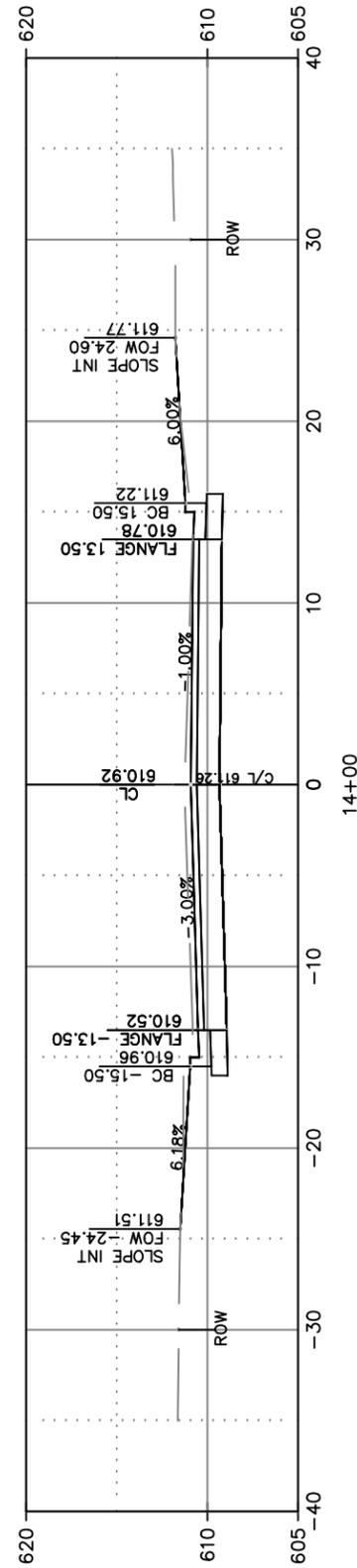
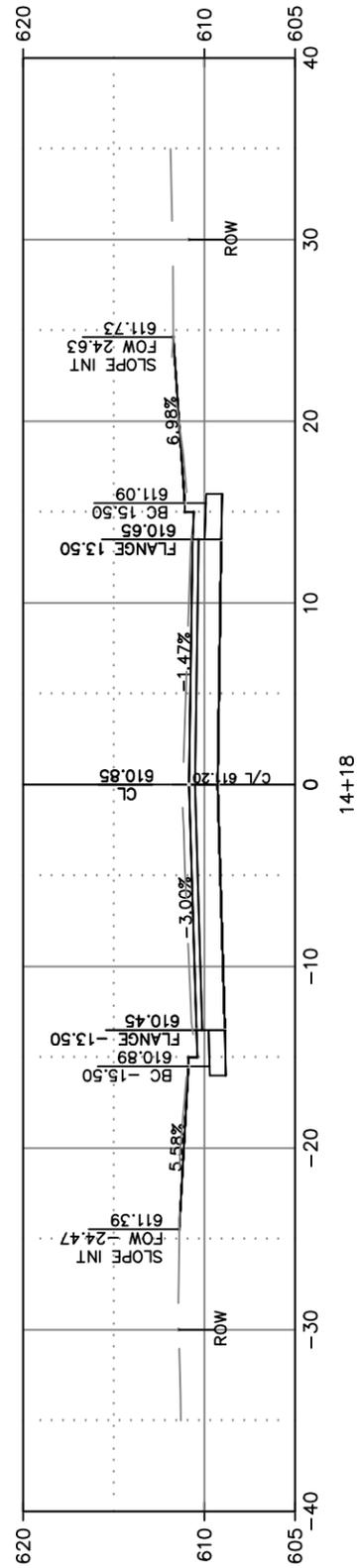
NAME:
ONTARIO STREET
RECONSTRUCTION
PROJECT
26-04

	BY	DATE
SURVEYED	KAD	10-2025
DRAWN	KAD	01-2026
DESIGNED	EPR	01-2026
CHECKED	EPR	01-2026

REVISIONS / ISSUES			
NO.	DATE	BY	REMARKS



JAMES STREET INTERSECTION



CITY OF DE PERE

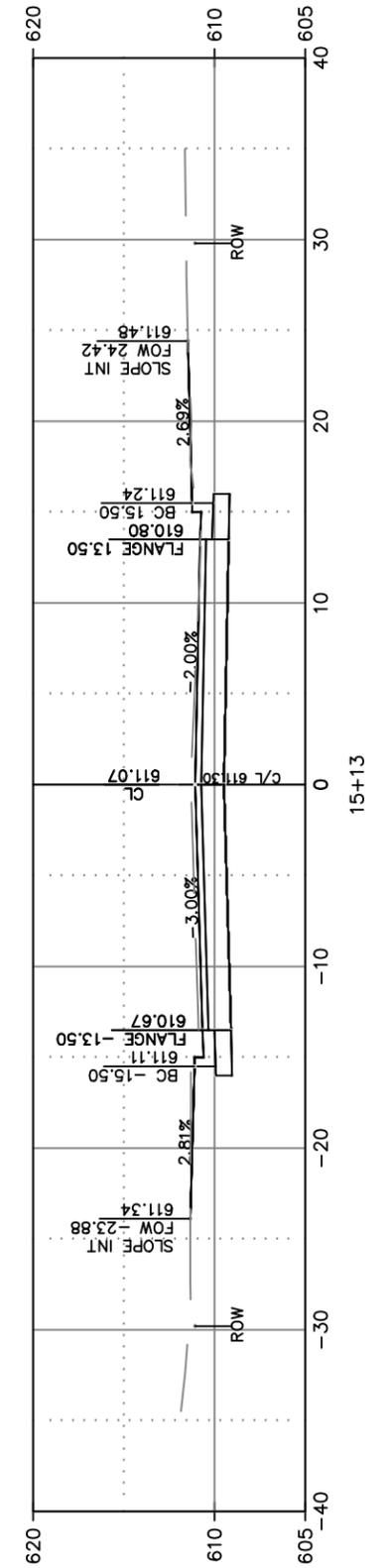
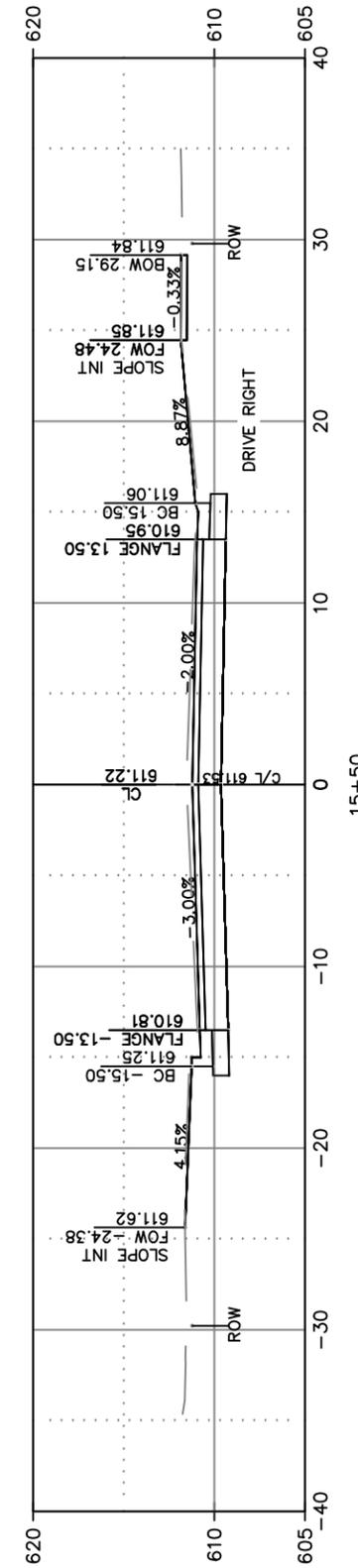
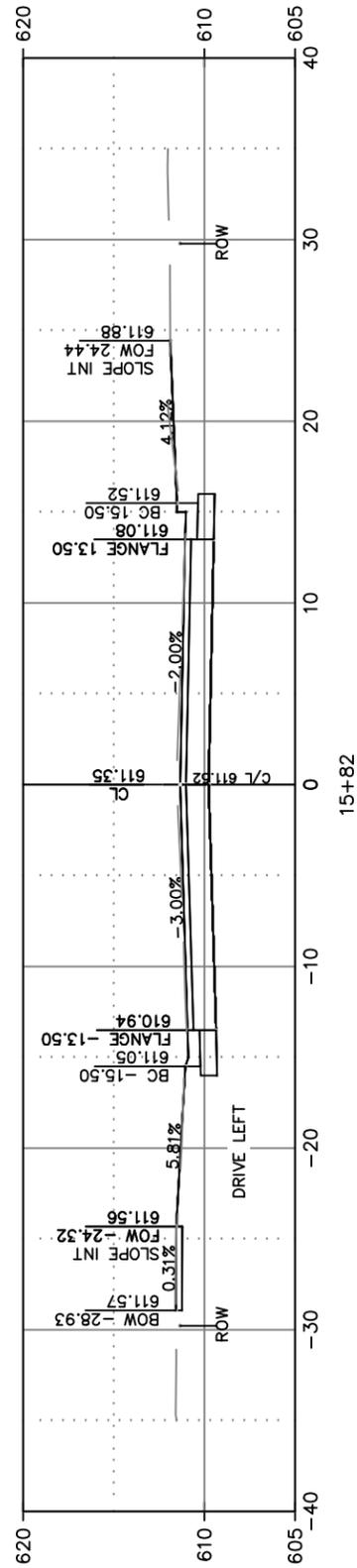
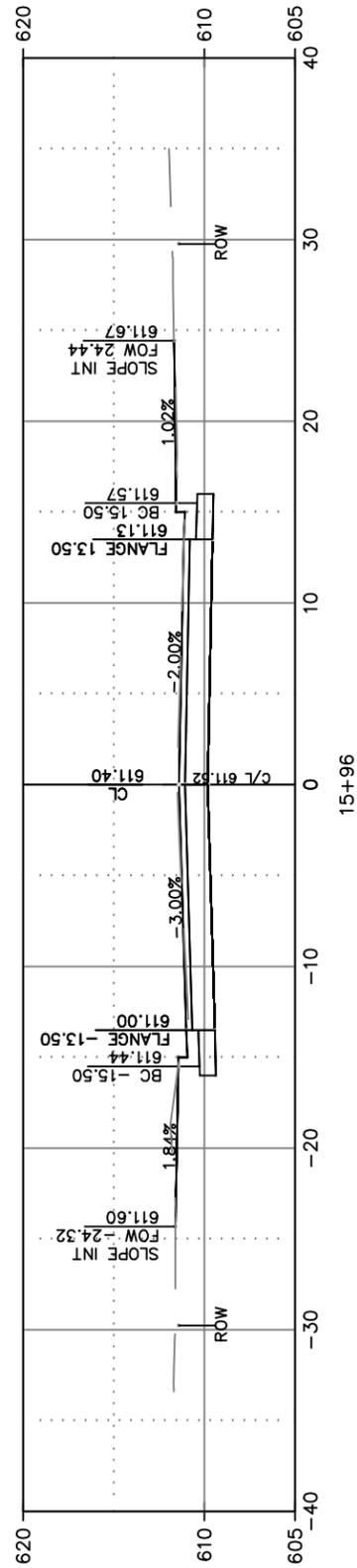
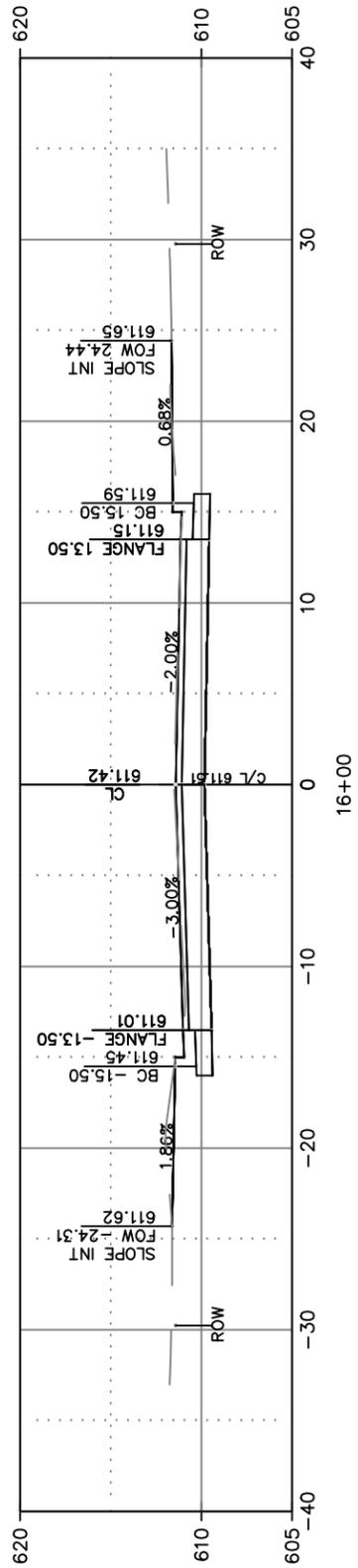
ENGINEERING DIVISION 925 S. SIXTH ST DE PERE WI 54115
OFFICE: 920-339-4061 EMAIL: DPPUBWRKS@DEPEREWI.GOV

**N. ONTARIO STREET
CROSS SECTIONS**

NAME:
ONTARIO STREET
RECONSTRUCTION
PROJECT
26-04

	BY	DATE
SURVEYED	KAD	10-2025
DRAWN	KAD	01-2026
DESIGNED	EPR	01-2026
CHECKED	EPR	01-2026

REVISIONS / ISSUES			
NO.	DATE	BY	REMARKS



CITY OF DE PERE

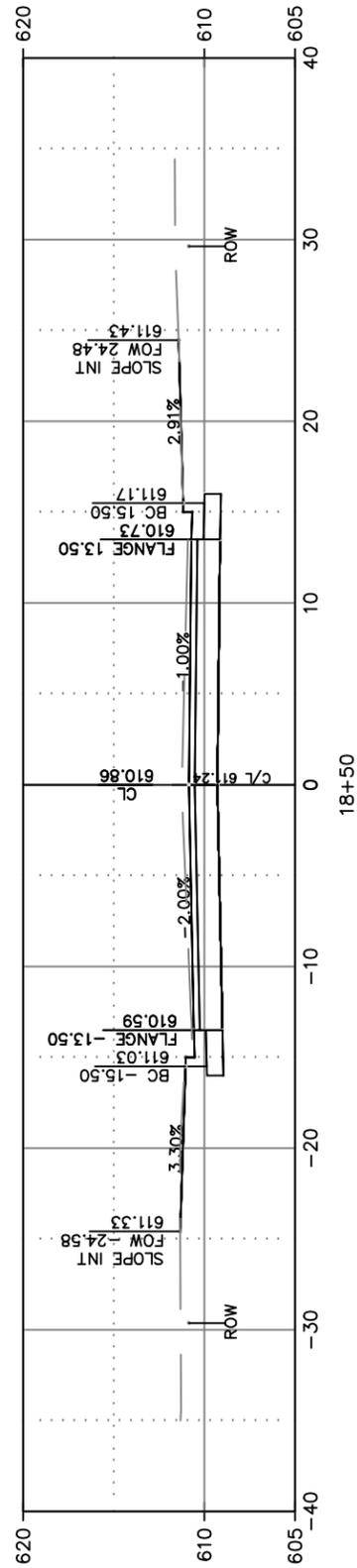
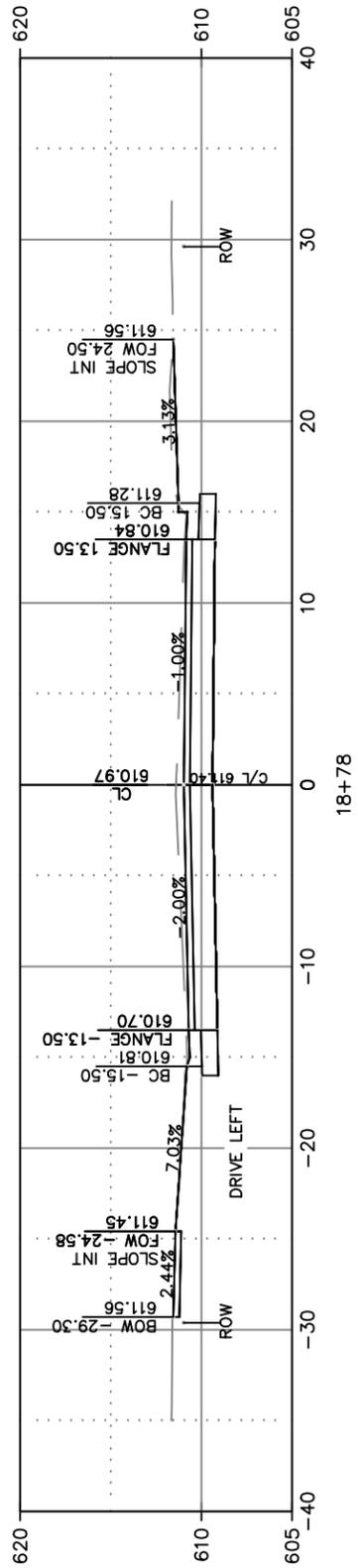
ENGINEERING DIVISION 925 S. SIXTH ST DE PERE WI 54115
OFFICE: 920-339-4061 EMAIL: DPPUBWRKS@DEPEREWI.GOV

**N. ONTARIO STREET
CROSS SECTIONS**

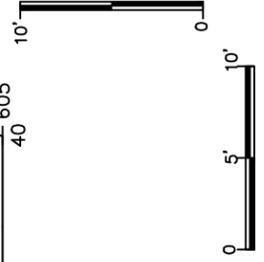
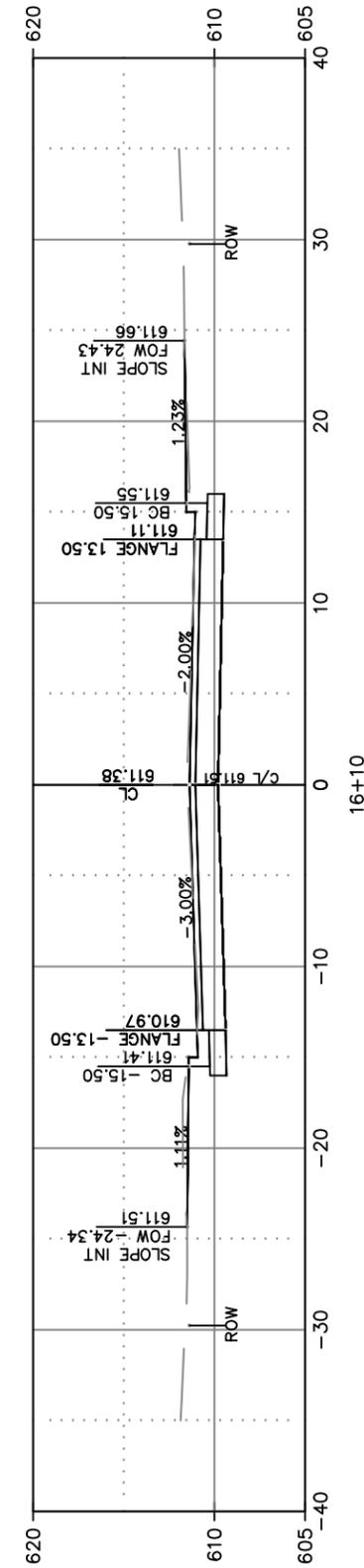
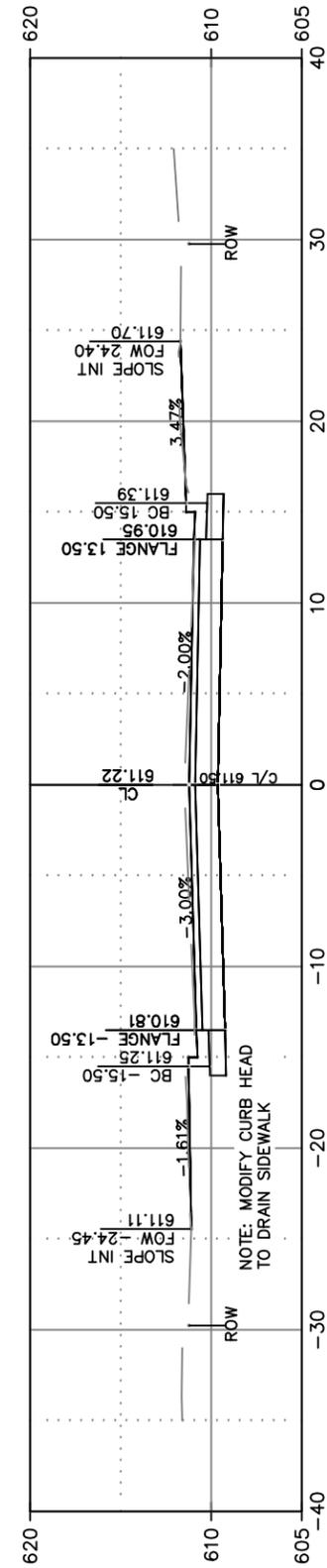
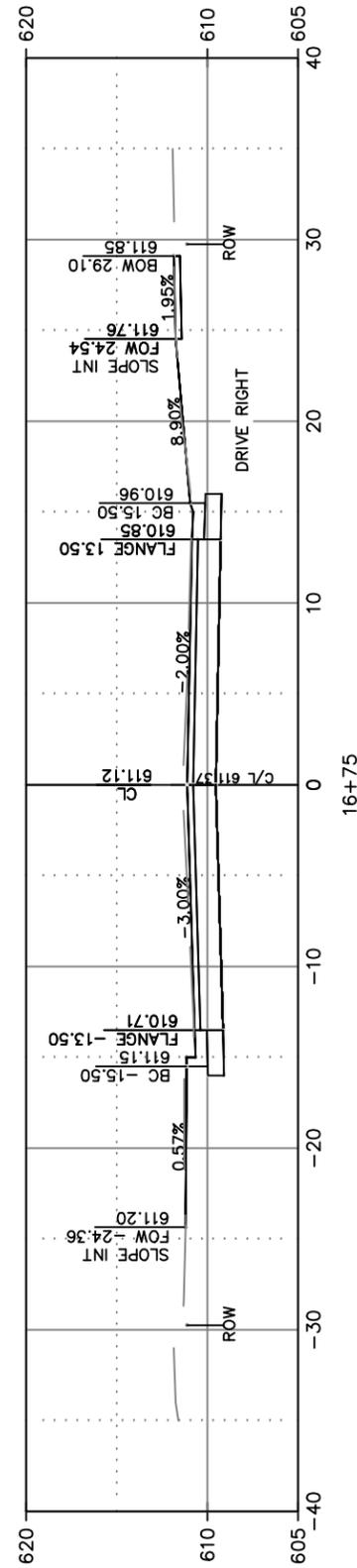
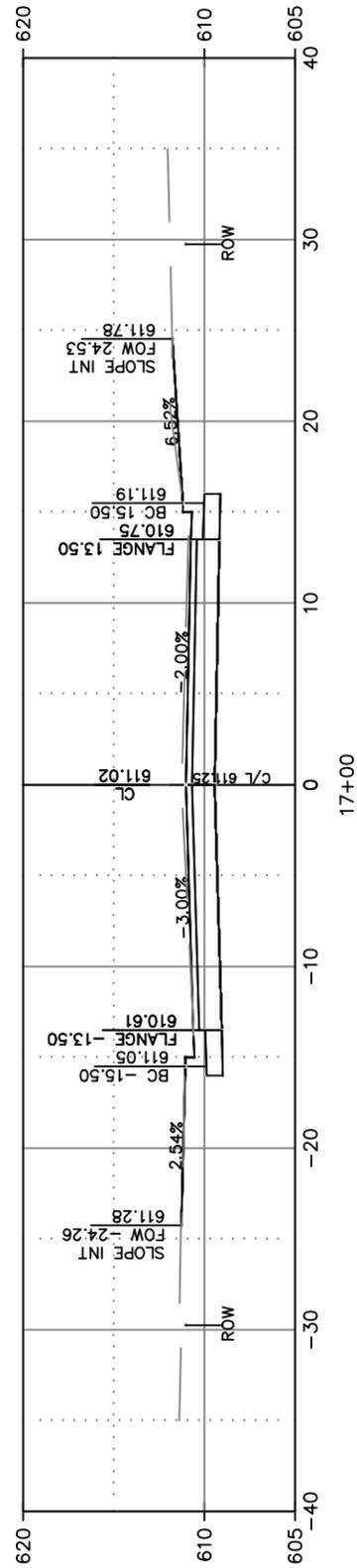
NAME:
ONTARIO STREET
RECONSTRUCTION
PROJECT
26-04

	BY	DATE
SURVEYED	KAD	10-2025
DRAWN	KAD	01-2026
DESIGNED	EPR	01-2026
CHECKED	EPR	01-2026

REVISIONS / ISSUES			
NO.	DATE	BY	REMARKS



FRANKLIN STREET INTERSECTION



CITY OF DE PERE

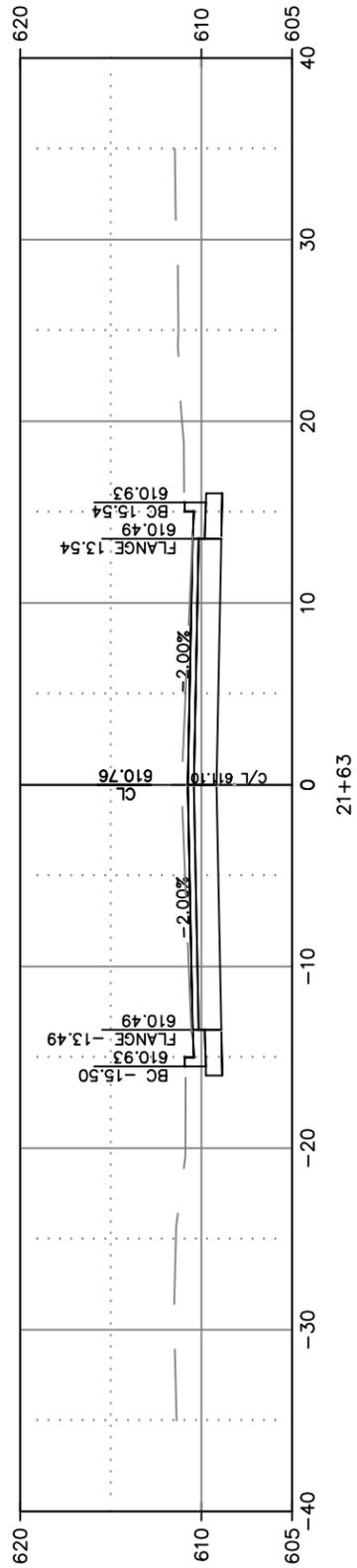
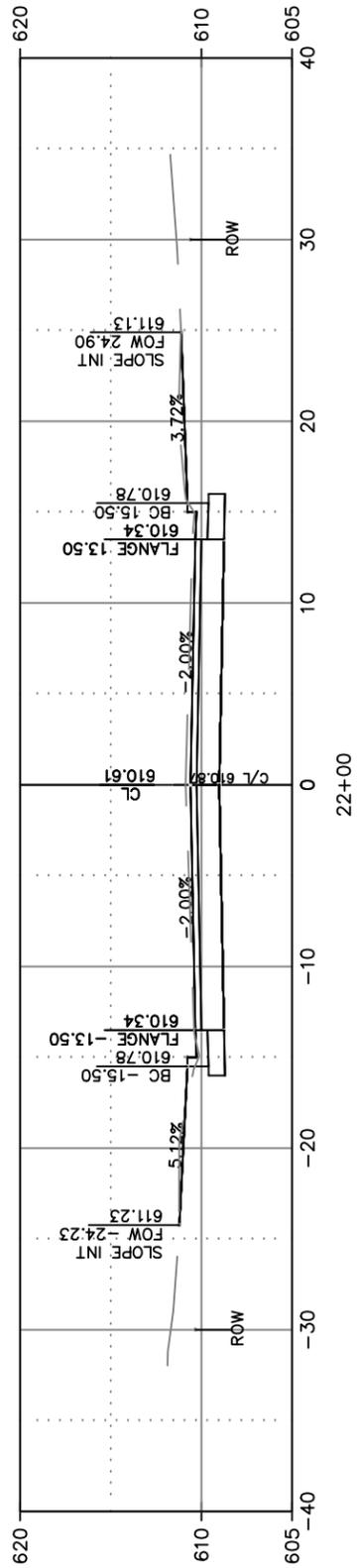
ENGINEERING DIVISION 925 S. SIXTH ST DE PERE WI 54115
OFFICE: 920-339-4061 EMAIL: DPPUBWRKS@DEPEREWI.GOV

N. ONTARIO STREET
CROSS SECTIONS

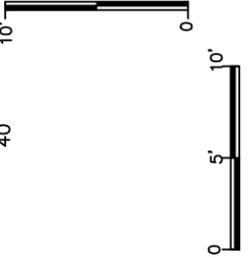
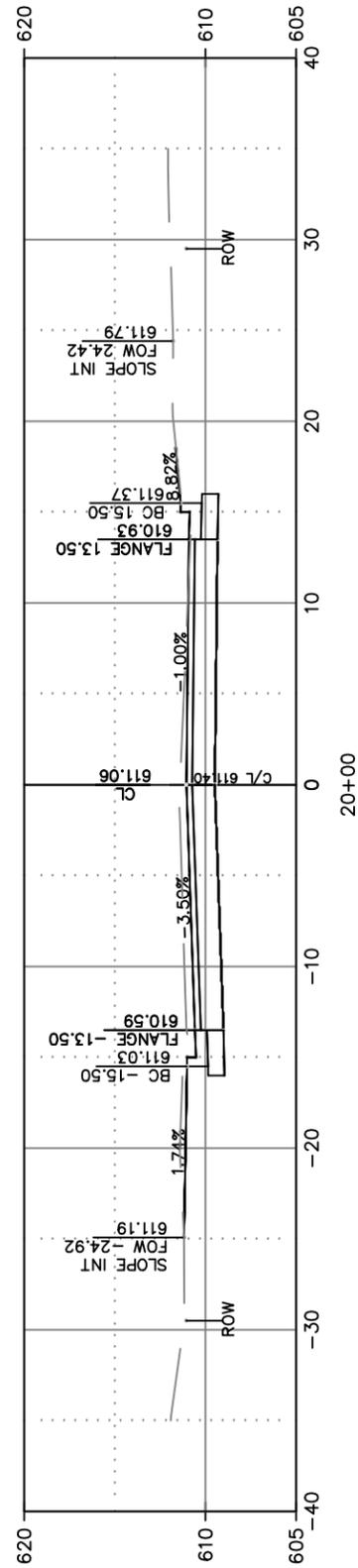
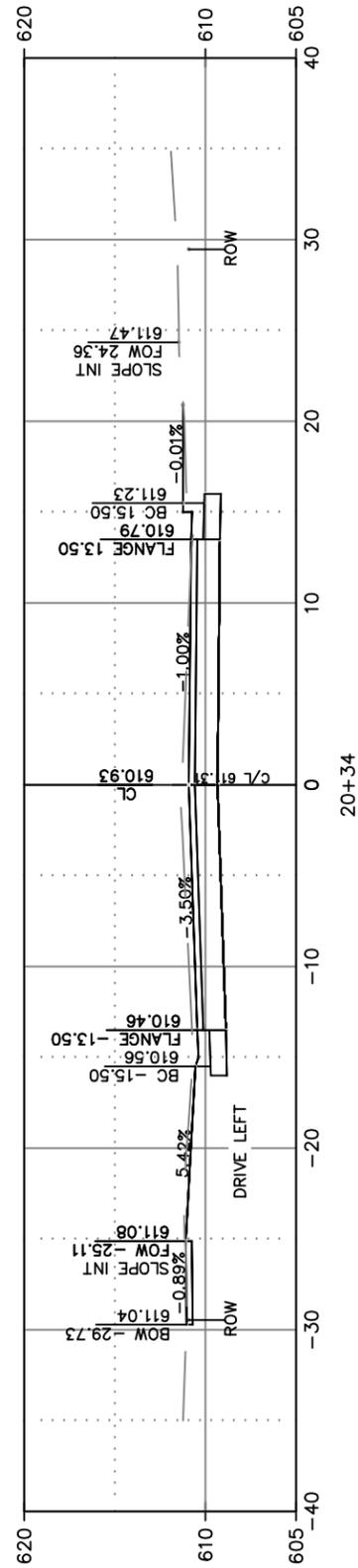
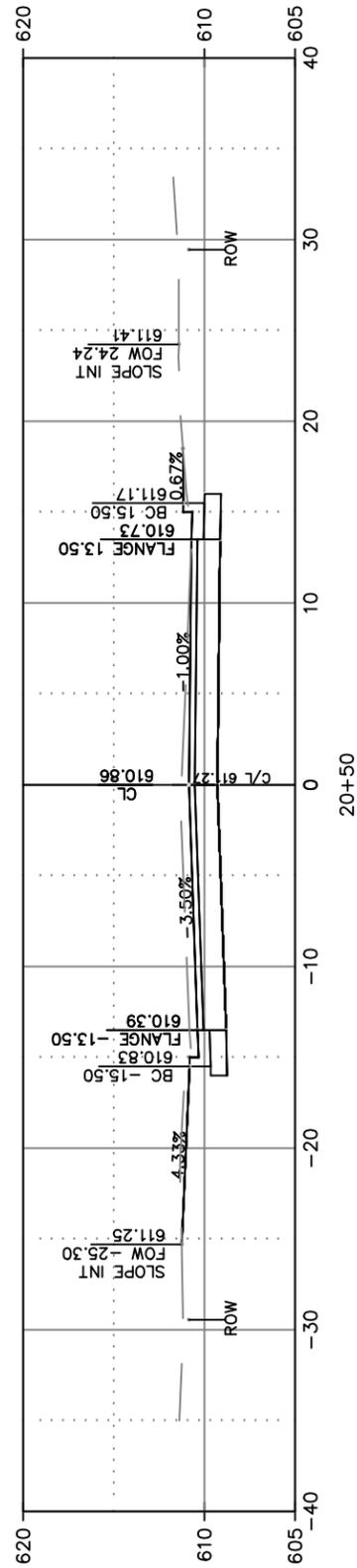
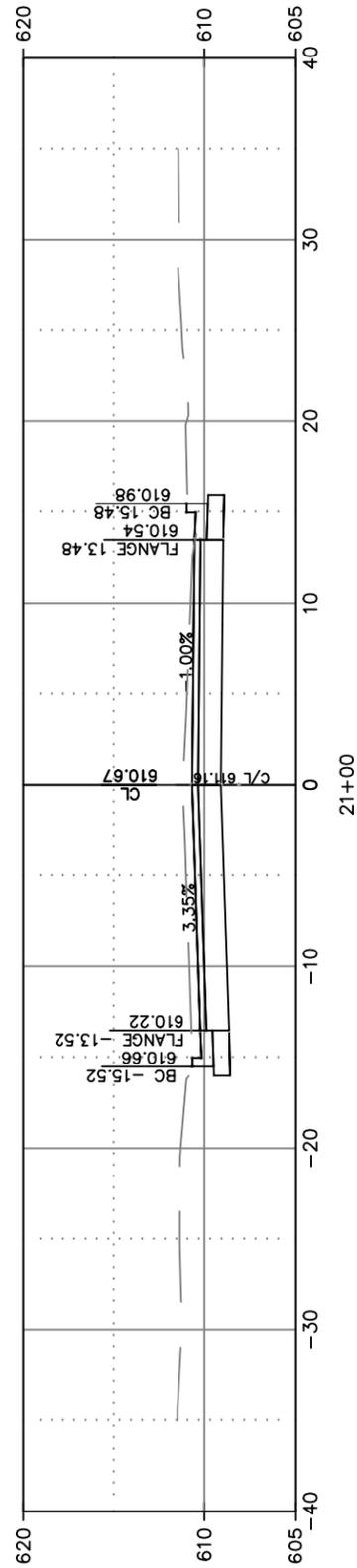
NAME:
ONTARIO STREET
RECONSTRUCTION
PROJECT
26-04

	BY	DATE
SURVEYED	KAD	10-2025
DRAWN	KAD	01-2026
DESIGNED	EPR	01-2026
CHECKED	EPR	01-2026

REVISIONS / ISSUES			
NO.	DATE	BY	REMARKS



FULTON STREET INTERSECTION



CITY OF DE PERE

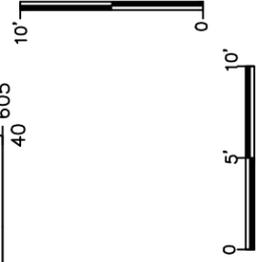
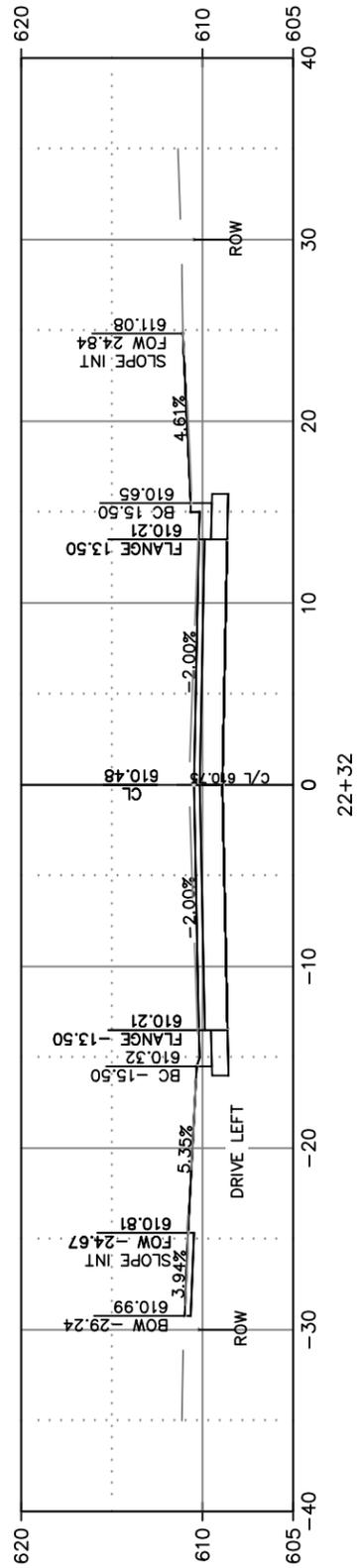
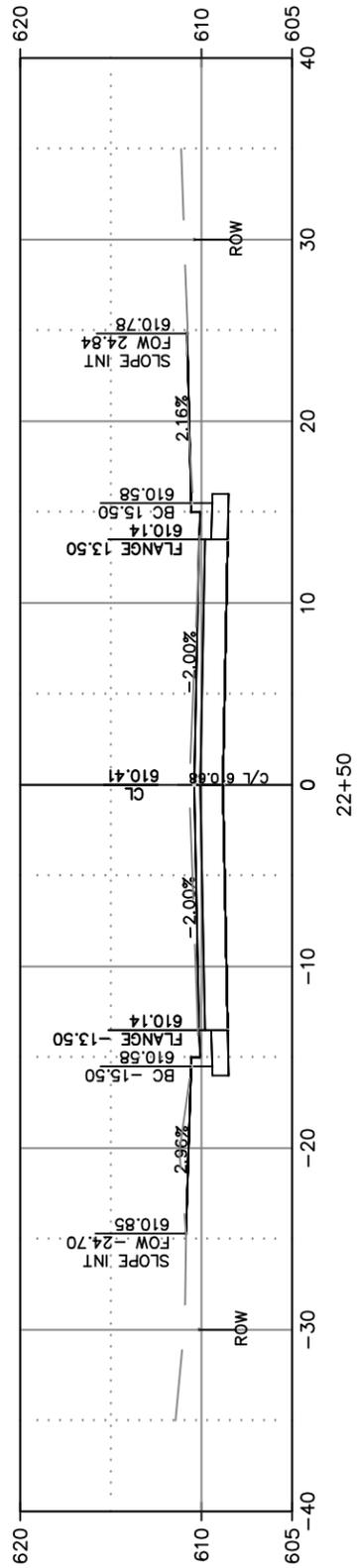
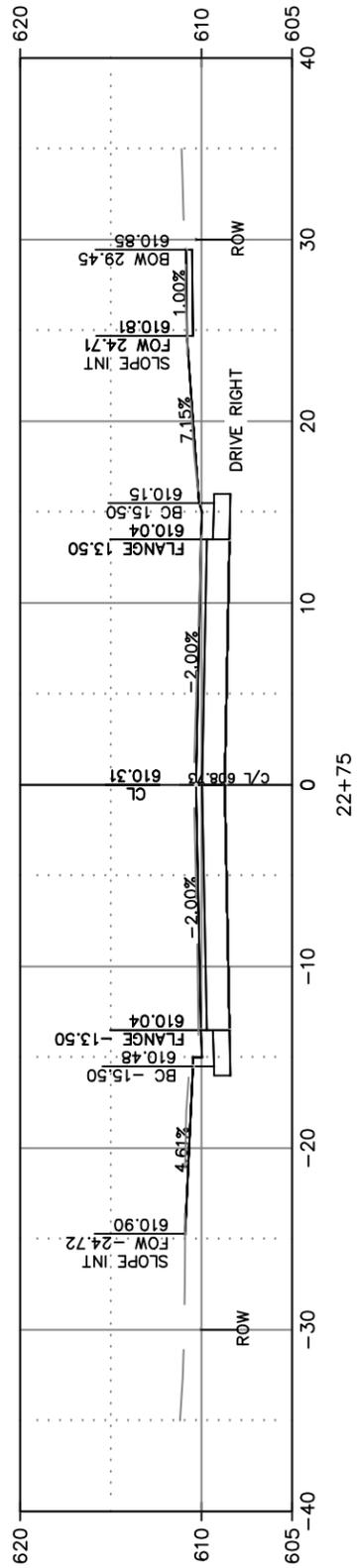
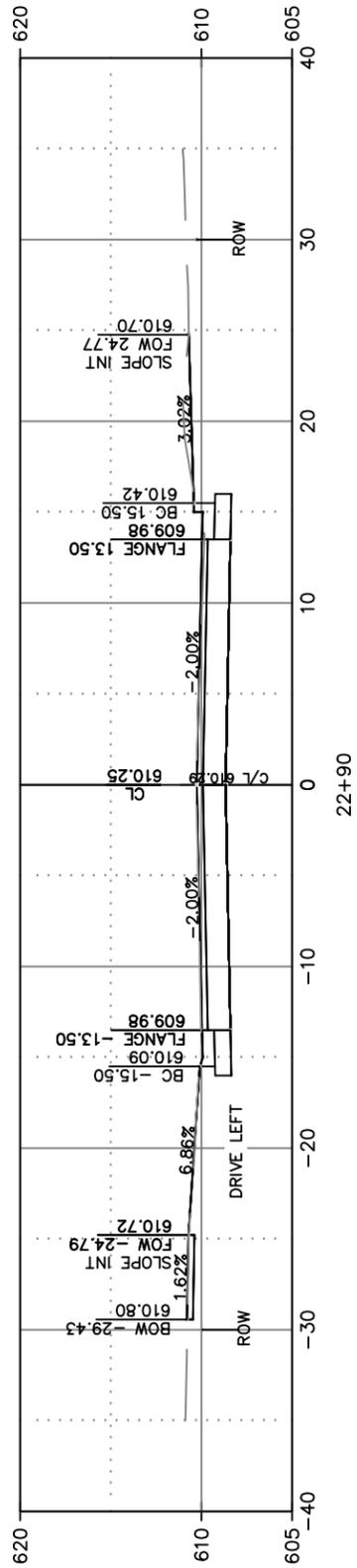
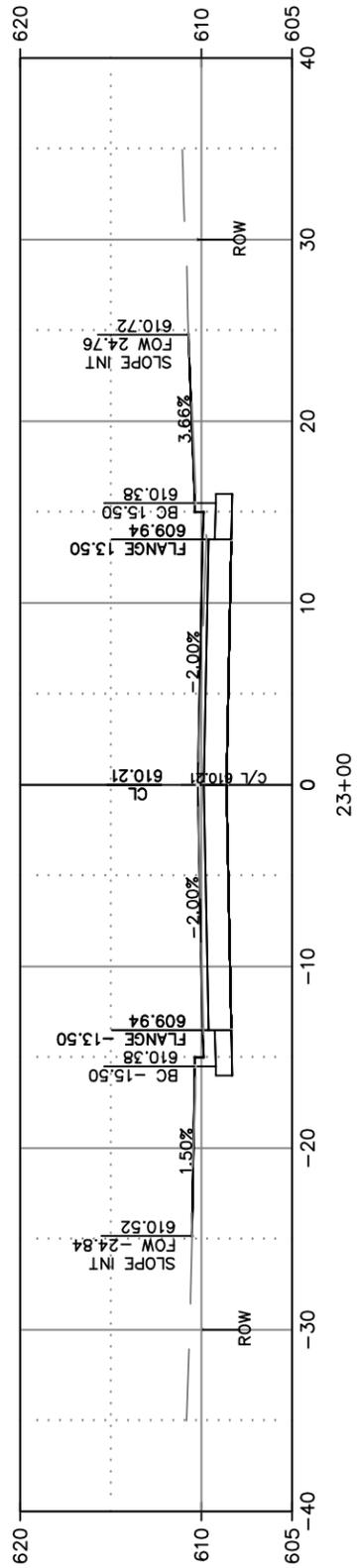
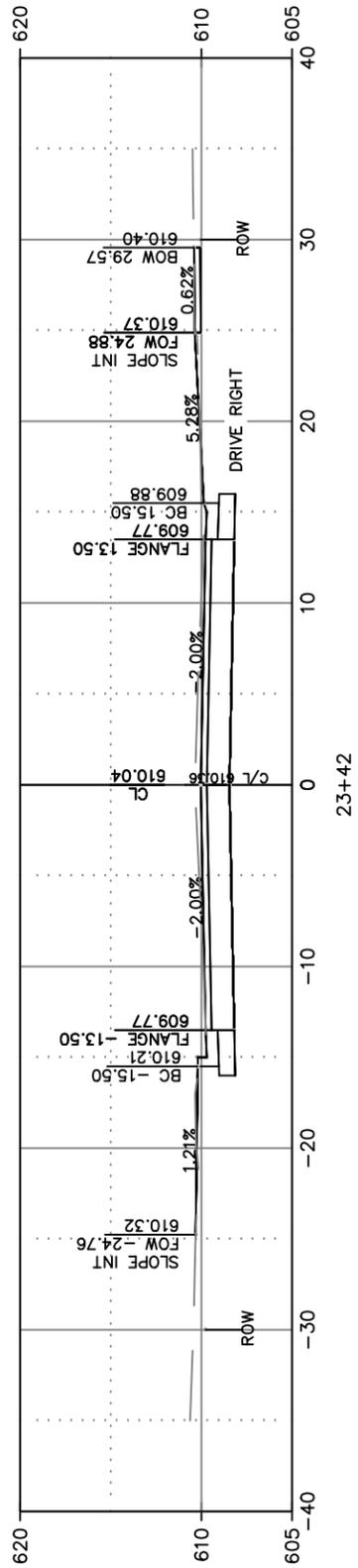
ENGINEERING DIVISION 925 S. SIXTH ST DE PERE WI 54115
OFFICE: 920-339-4061 EMAIL: DPPUBWRKS@DEPEREWI.GOV

N. ONTARIO STREET
CROSS SECTIONS

NAME:
ONTARIO STREET
RECONSTRUCTION
PROJECT
26-04

	BY	DATE
SURVEYED	KAD	10-2025
DRAWN	KAD	01-2026
DESIGNED	EPR	01-2026
CHECKED	EPR	01-2026

REVISIONS / ISSUES			
NO.	DATE	BY	REMARKS



CITY OF DE PERE

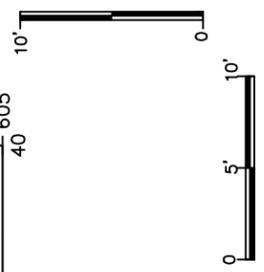
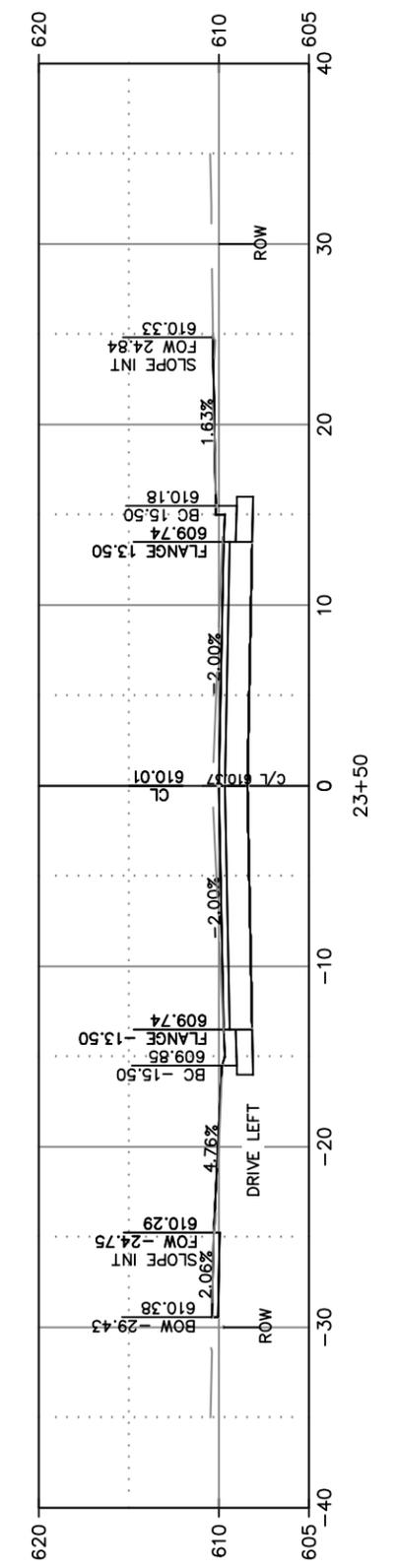
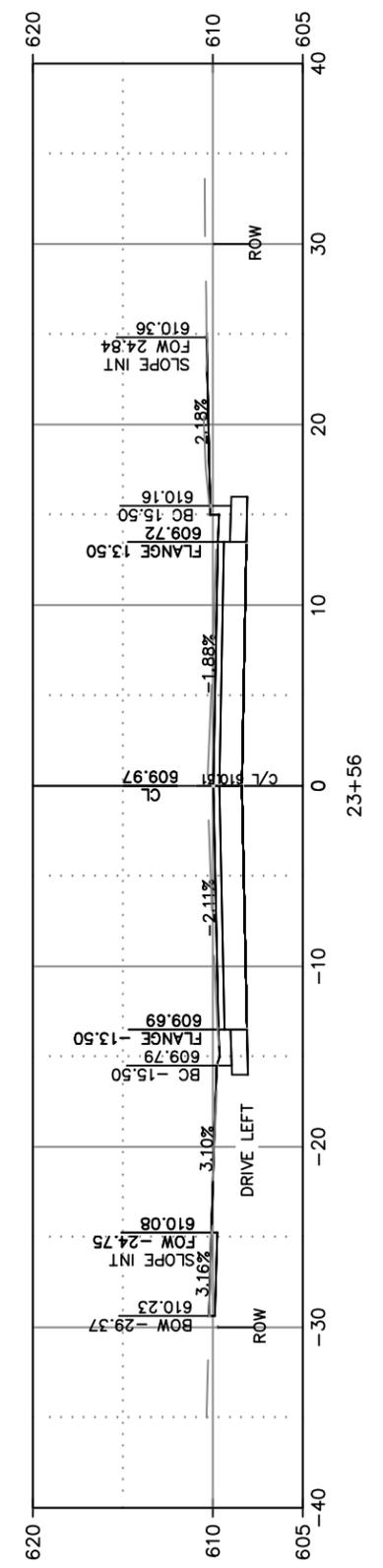
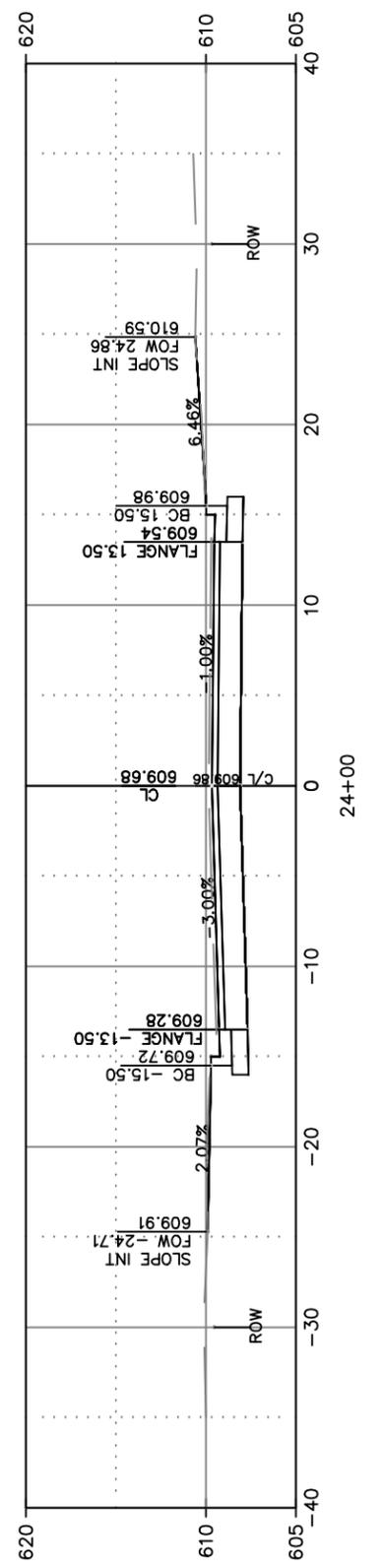
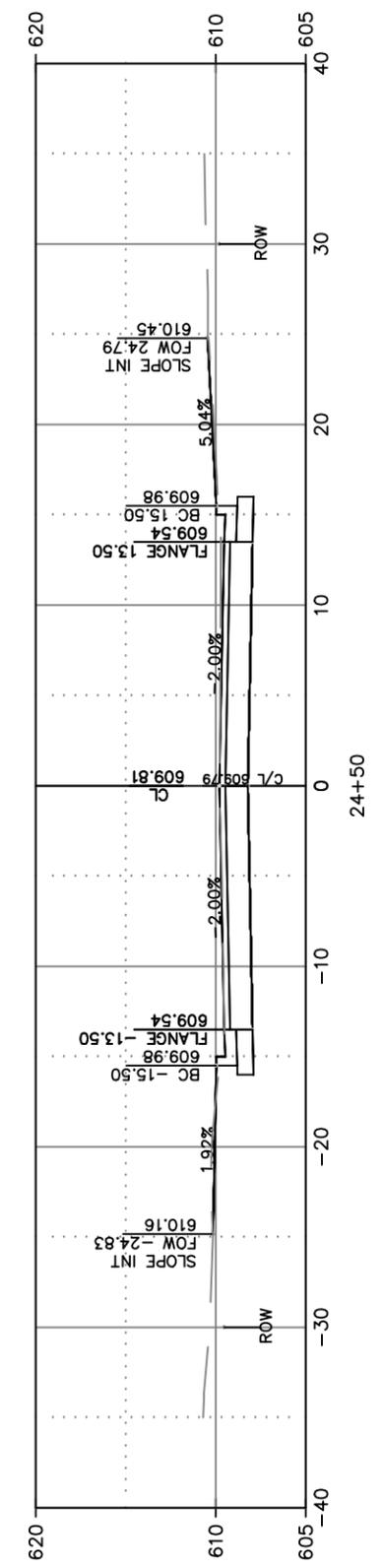
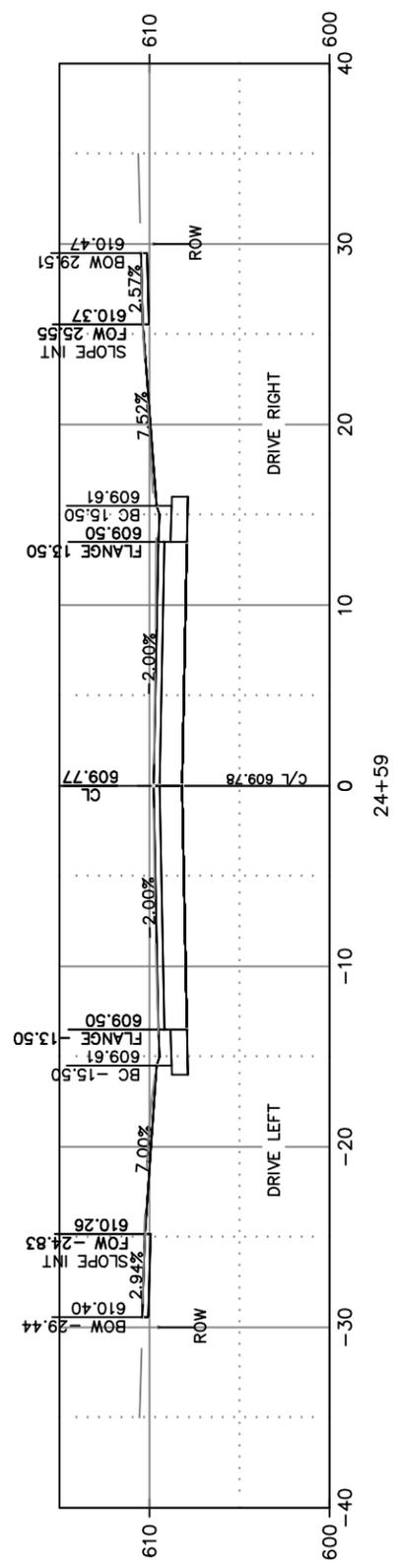
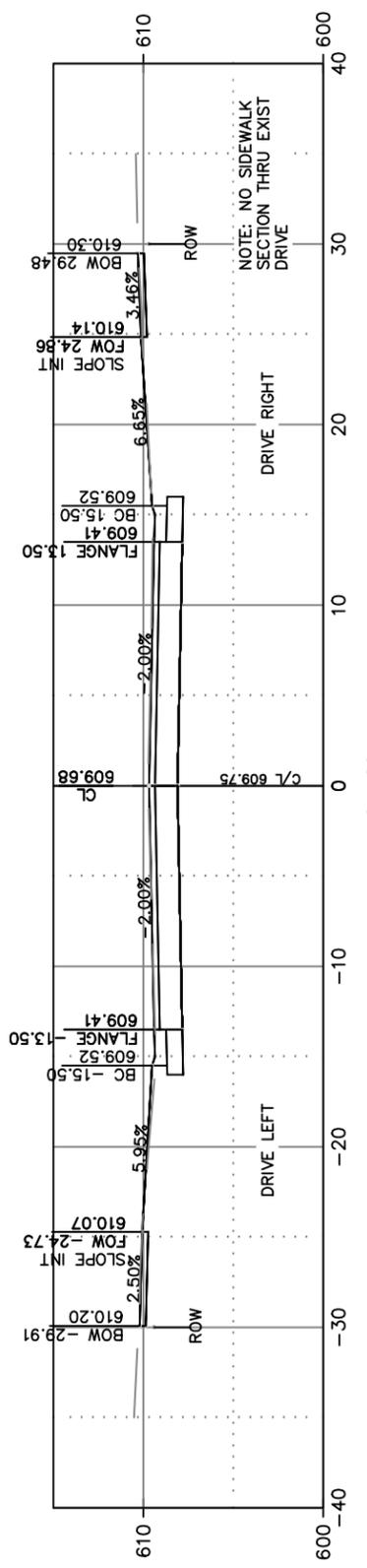
ENGINEERING DIVISION 925 S. SIXTH ST DE PERE WI 54115
OFFICE: 920-339-4061 EMAIL: DPPUBWRKS@DEPEREWI.GOV

**N. ONTARIO STREET
CROSS SECTIONS**

NAME:
ONTARIO STREET
RECONSTRUCTION
PROJECT
26-04

	BY	DATE
SURVEYED	KAD	10-2025
DRAWN	KAD	01-2026
DESIGNED	EPR	01-2026
CHECKED	EPR	01-2026

REVISIONS / ISSUES			
NO.	DATE	BY	REMARKS



CITY OF DE PERE

ENGINEERING DIVISION 925 S. SIXTH ST DE PERE WI 54115
OFFICE: 920-339-4061 EMAIL: DPPUBWRKS@DEPEREWI.GOV

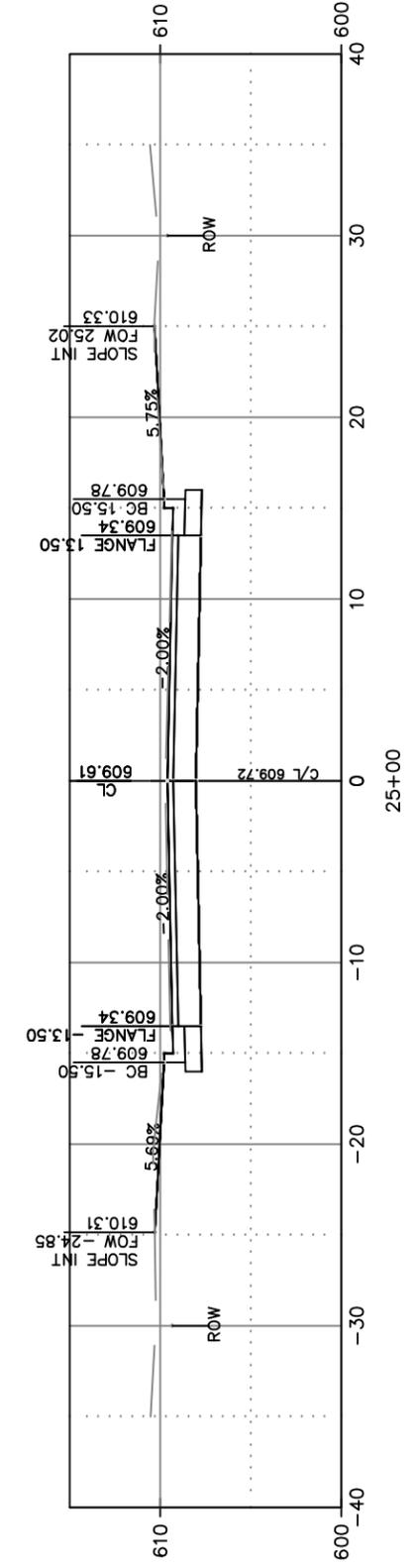
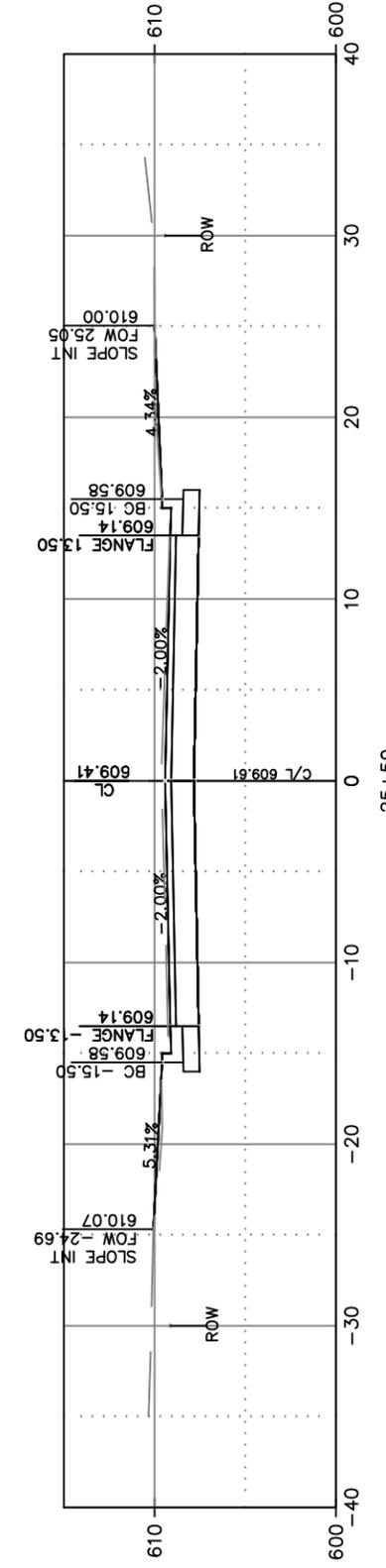
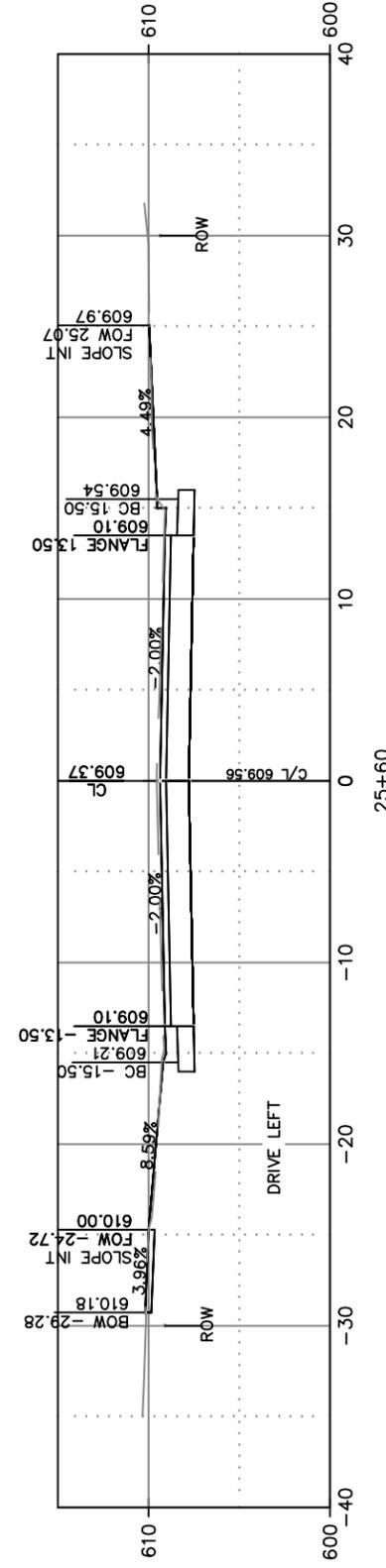
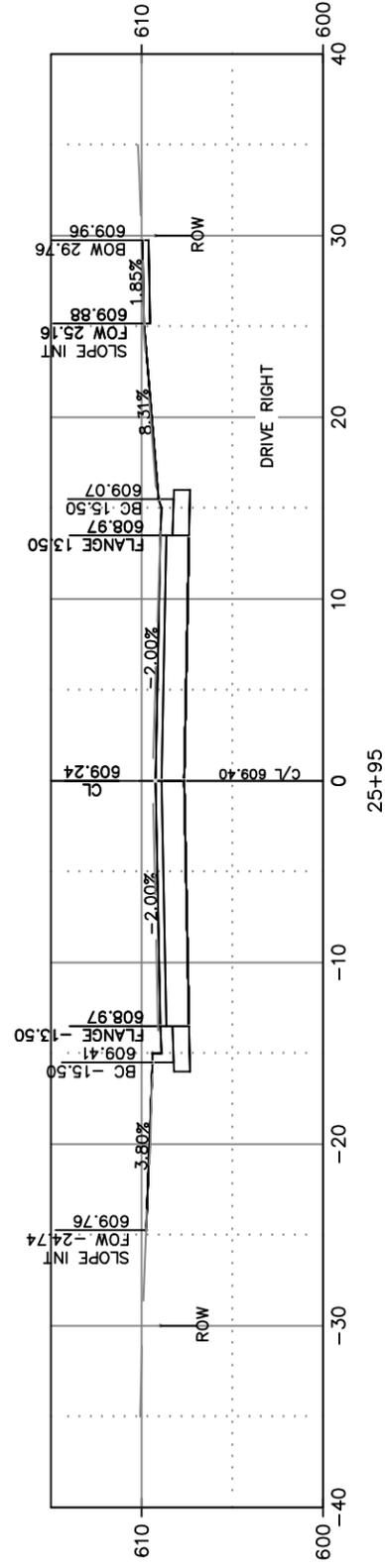
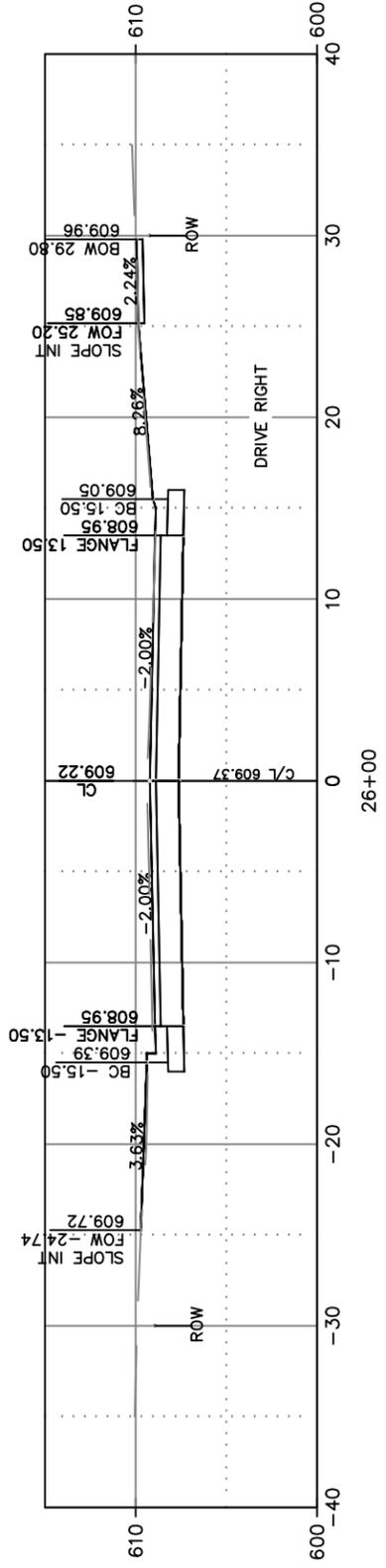
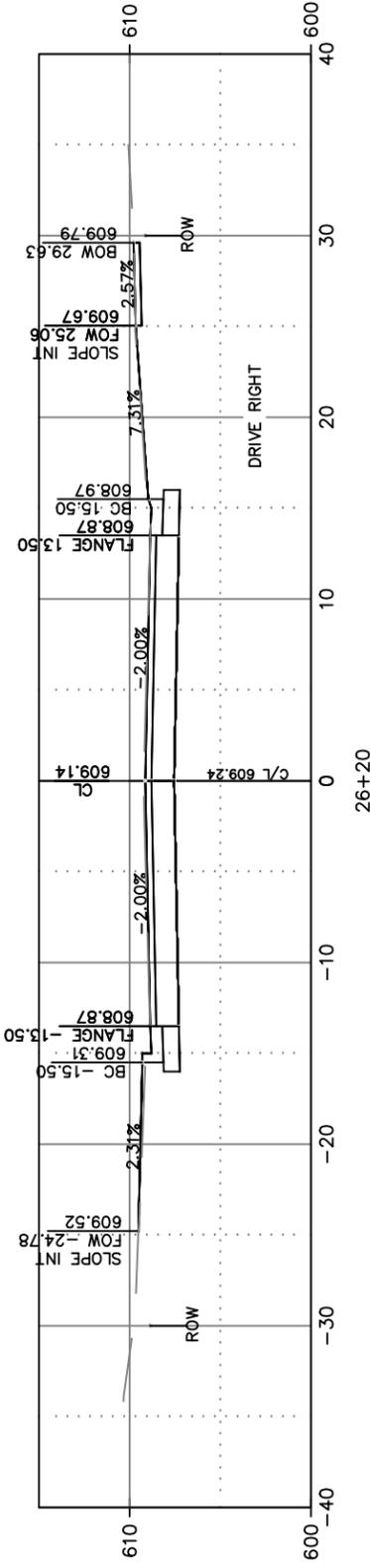
**N. ONTARIO STREET
CROSS SECTIONS**

NAME:
ONTARIO STREET
RECONSTRUCTION
PROJECT
26-04

	BY	DATE
SURVEYED	KAD	10-2025
DRAWN	KAD	01-2026
DESIGNED	EPR	01-2026
CHECKED	EPR	01-2026

REVISIONS / ISSUES			
NO.	DATE	BY	REMARKS

X:\ENG\Projects\City Projects\2026\Project 26-04 Street Reconstruction\1200-CAD\Ontario Street\Ontario_X Sect.dwg



CITY OF DE PERE

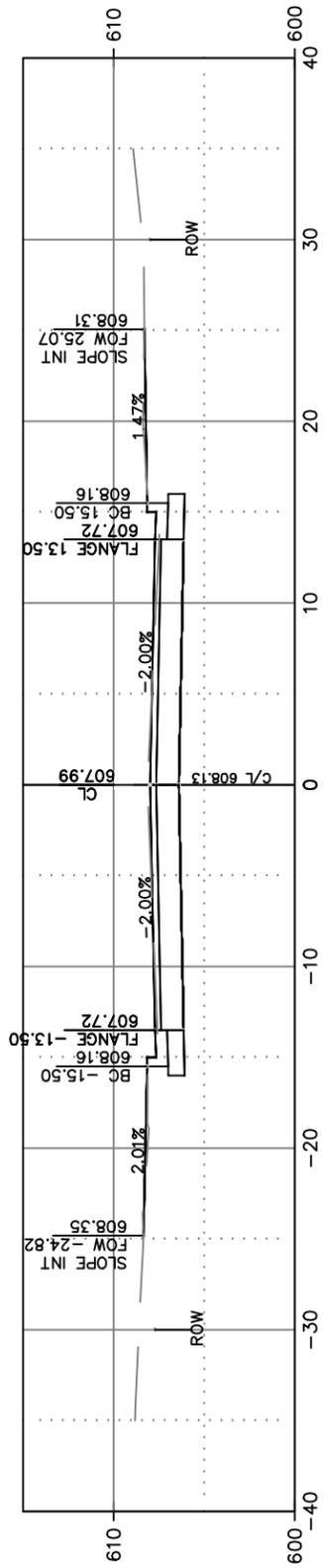
ENGINEERING DIVISION 925 S. SIXTH ST DE PERE WI 54115
OFFICE: 920-339-4061 EMAIL: DPPUBWRKS@DEPEREWI.GOV

**N. ONTARIO STREET
CROSS SECTIONS**

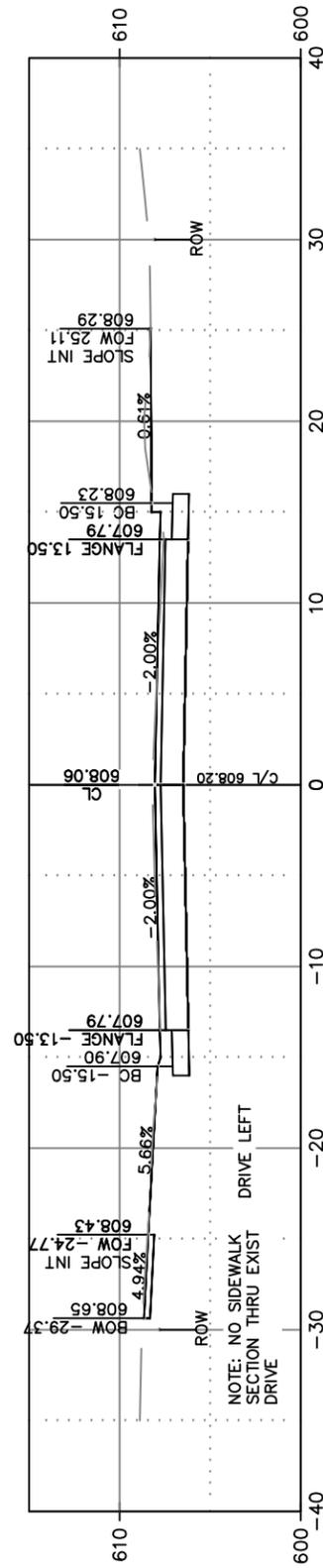
NAME:
ONTARIO STREET
RECONSTRUCTION
PROJECT
26-04

	BY	DATE
SURVEYED	KAD	10-2025
DRAWN	KAD	01-2026
DESIGNED	EPR	01-2026
CHECKED	EPR	01-2026

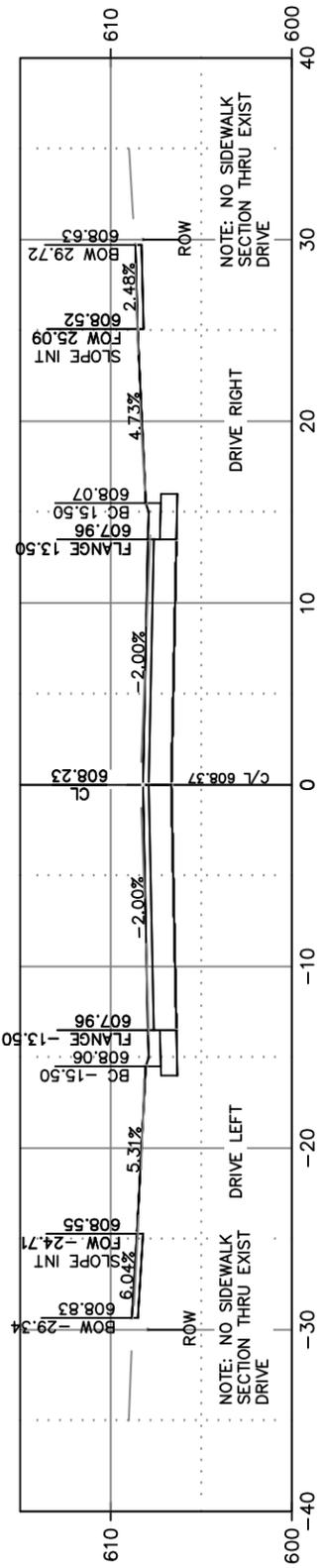
REVISIONS / ISSUES			
NO.	DATE	BY	REMARKS



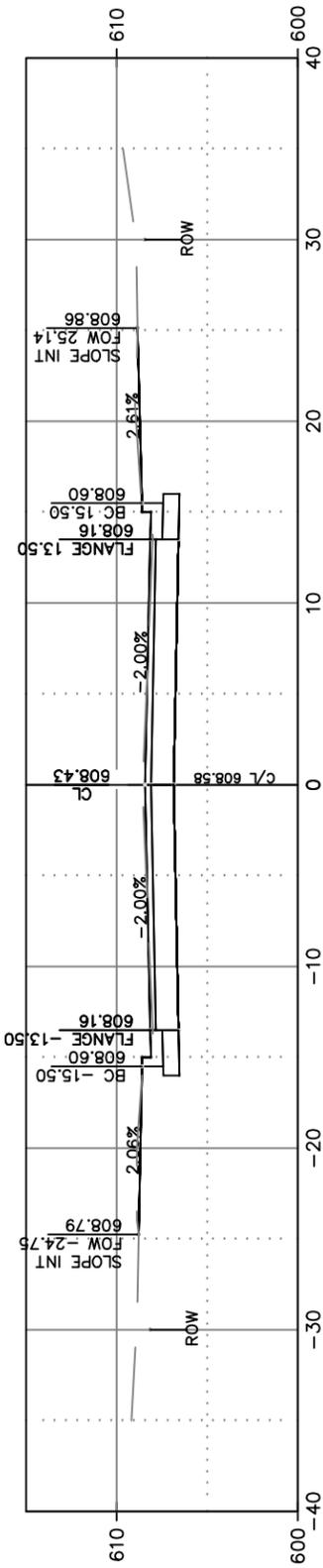
27+50



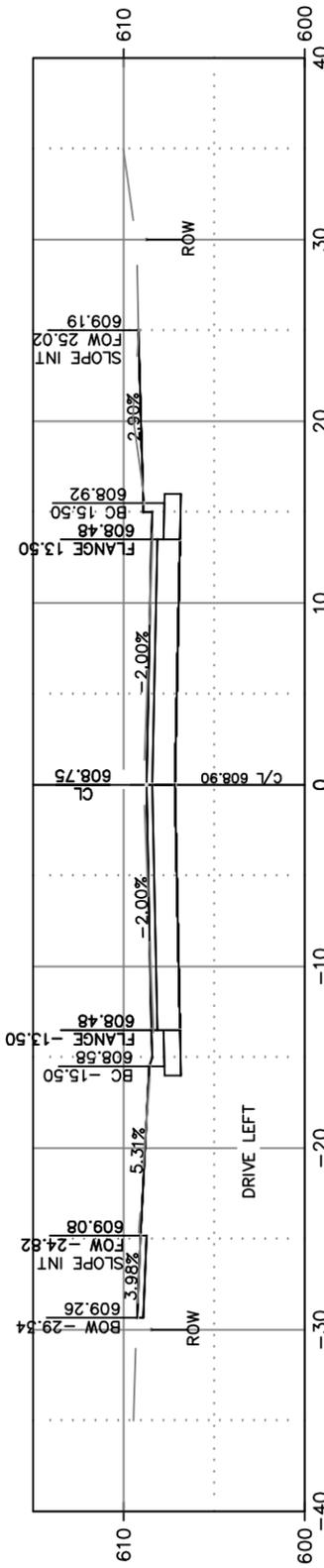
27+42



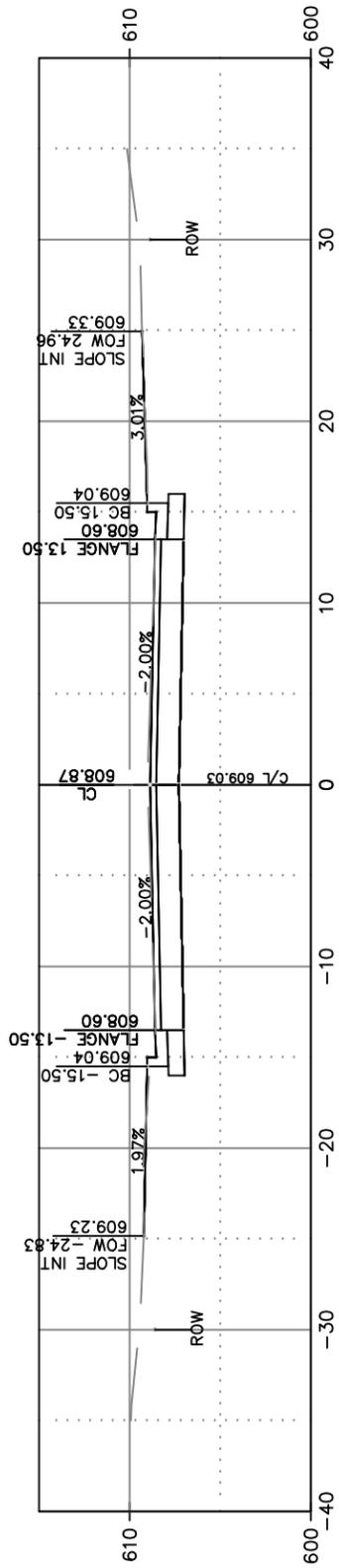
27+23



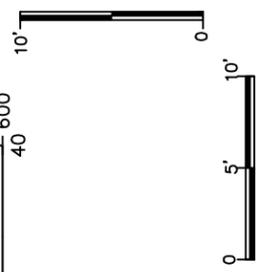
27+00



26+64



26+50



CITY OF DE PERE

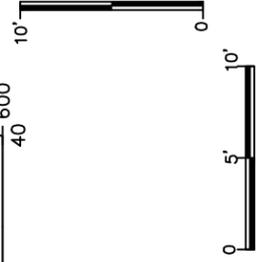
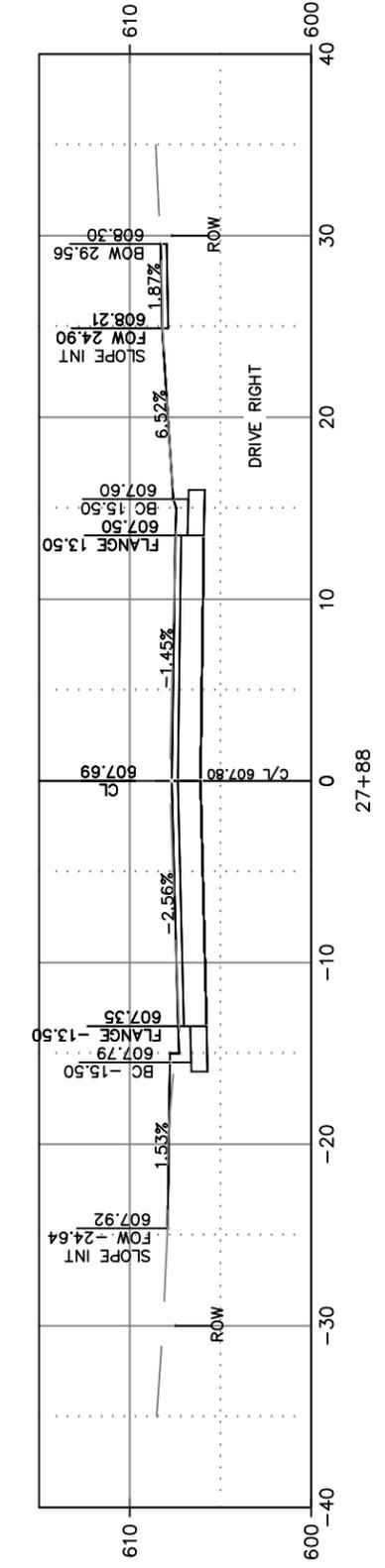
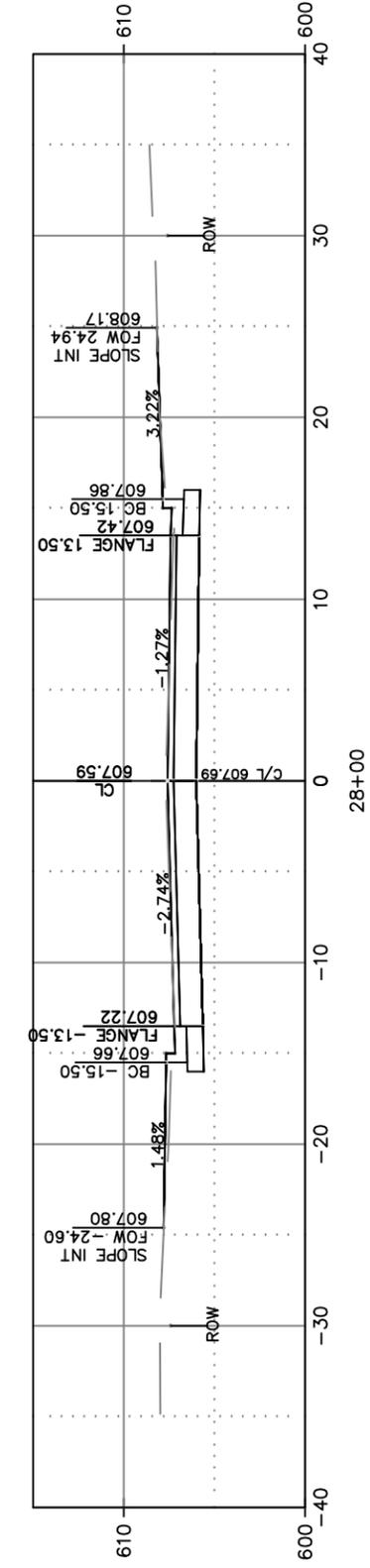
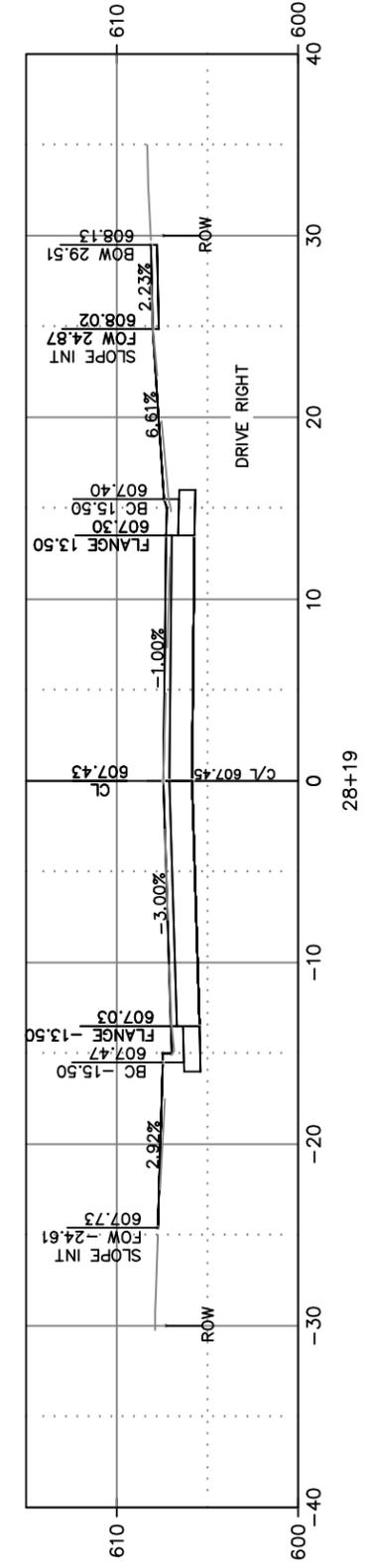
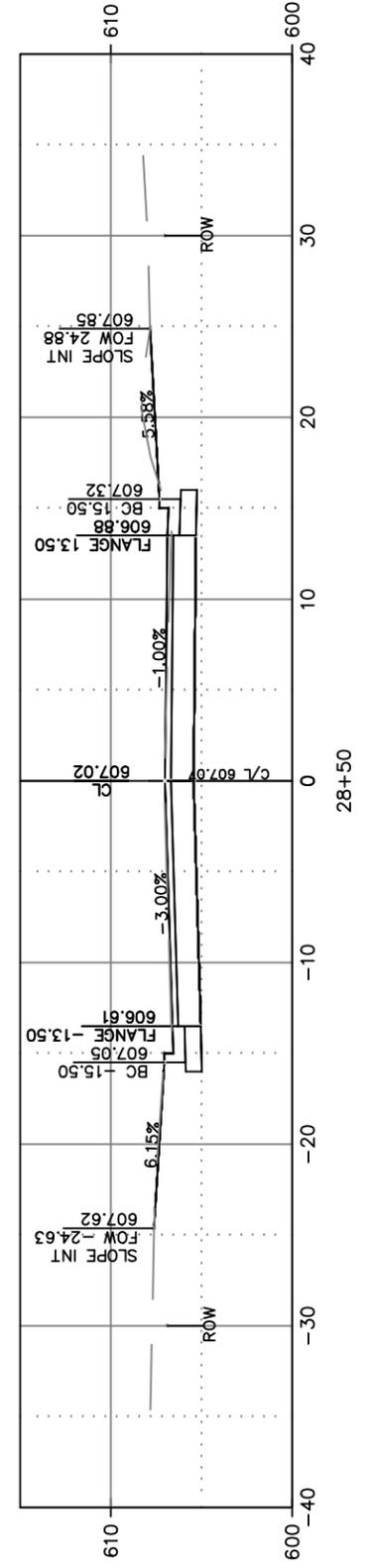
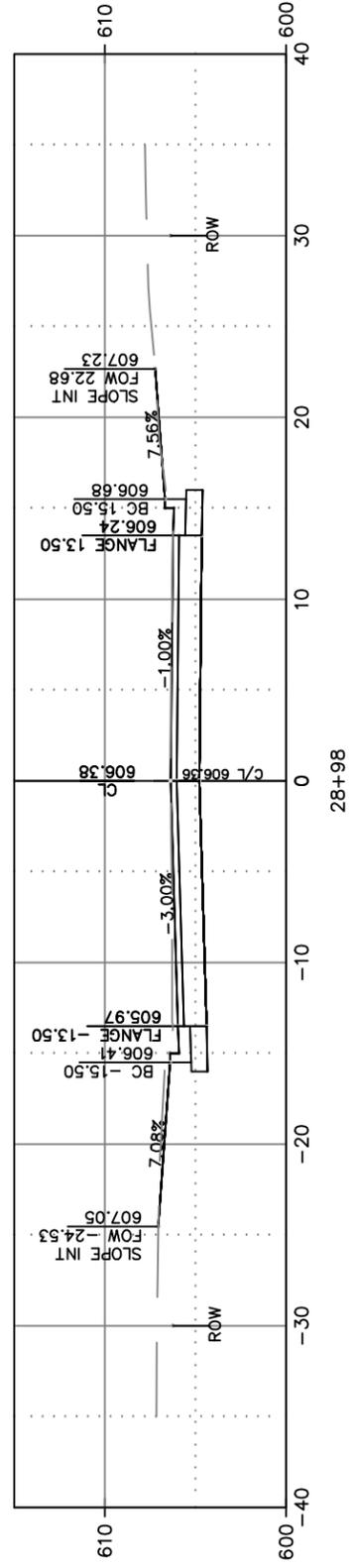
ENGINEERING DIVISION 925 S. SIXTH ST DE PERE WI 54115
OFFICE: 920-339-4061 EMAIL: DPPUBWRKS@DEPEREWI.GOV

**N. ONTARIO STREET
CROSS SECTIONS**

NAME:
ONTARIO STREET
RECONSTRUCTION
PROJECT
26-04

	BY	DATE
SURVEYED	KAD	10-2025
DRAWN	KAD	01-2026
DESIGNED	EPR	01-2026
CHECKED	EPR	01-2026

REVISIONS / ISSUES			
NO.	DATE	BY	REMARKS



CITY OF DE PERE

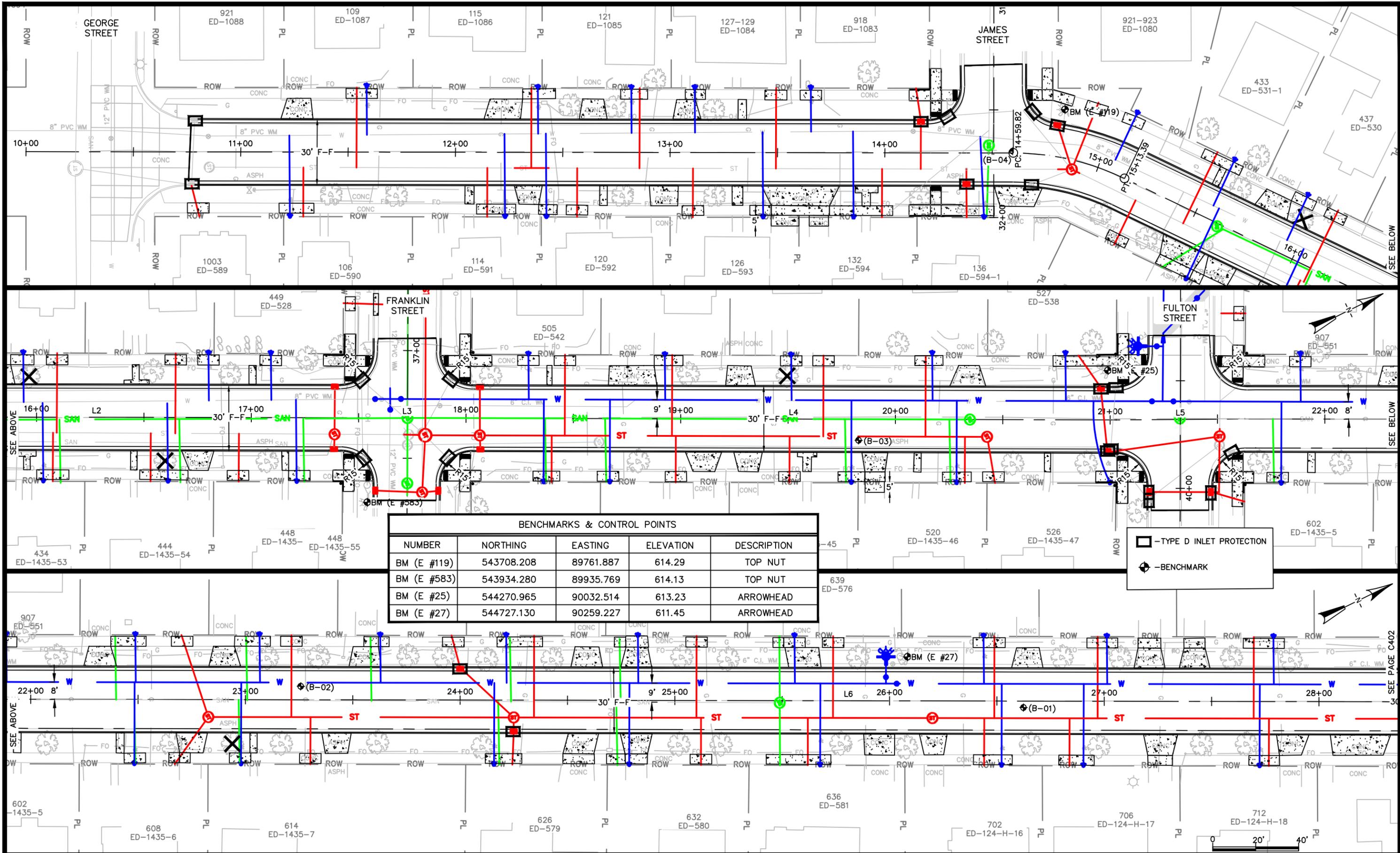
ENGINEERING DIVISION 925 S. SIXTH ST DE PERE WI 54115
OFFICE: 920-339-4061 EMAIL: DPPUBWRKS@DEPEREWI.GOV

**N. ONTARIO STREET
CROSS SECTIONS**

NAME:
ONTARIO STREET
RECONSTRUCTION
PROJECT
26-04

	BY	DATE
SURVEYED	KAD	10-2025
DRAWN	KAD	01-2026
DESIGNED	EPR	01-2026
CHECKED	EPR	01-2026

REVISIONS / ISSUES			
NO.	DATE	BY	REMARKS

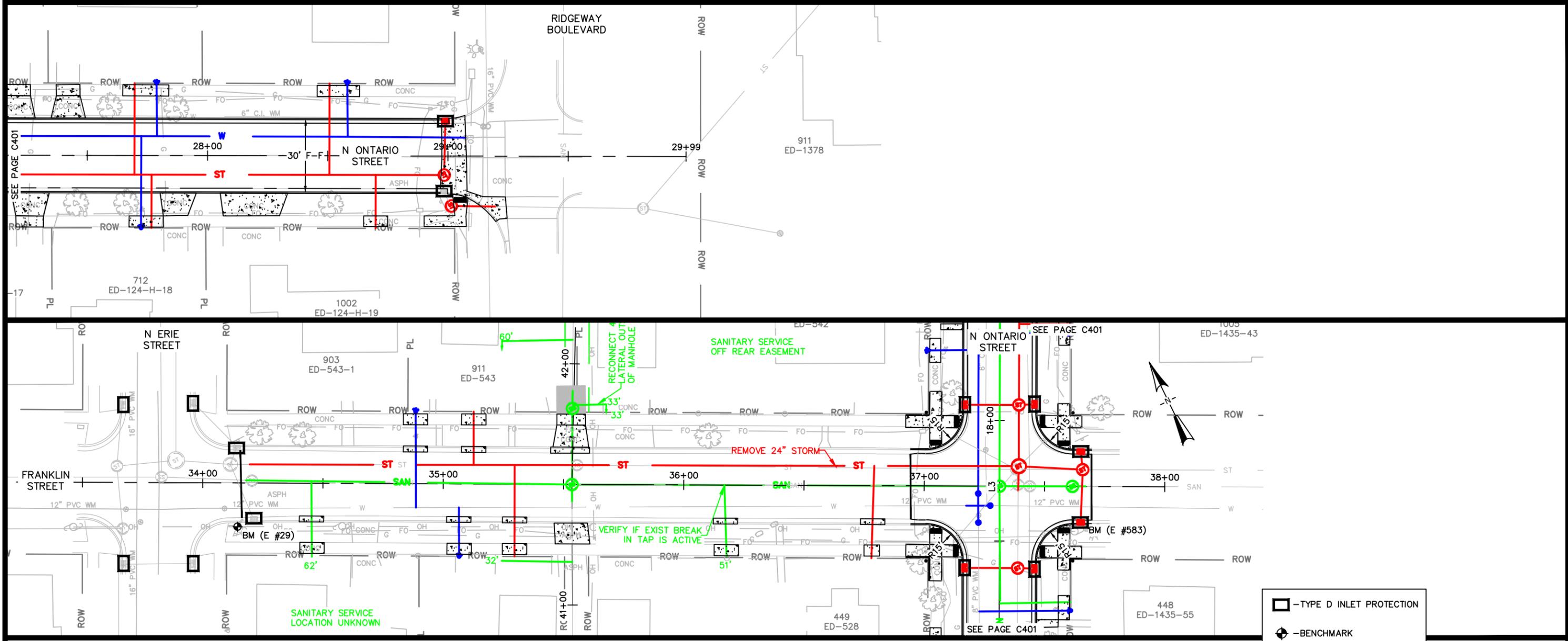


BENCHMARKS & CONTROL POINTS

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
BM (E #119)	543708.208	89761.887	614.29	TOP NUT
BM (E #583)	543934.280	89935.769	614.13	TOP NUT
BM (E #25)	544270.965	90032.514	613.23	ARROWHEAD
BM (E #27)	544727.130	90259.227	611.45	ARROWHEAD

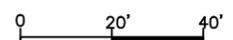
-TYPE D INLET PROTECTION
 -BENCHMARK

X:\ENG\Projects\City Projects\2026\Project 26-04 Street Reconstruction\1200-CAD\Ontario Street\Ontario_LP&P.dwg



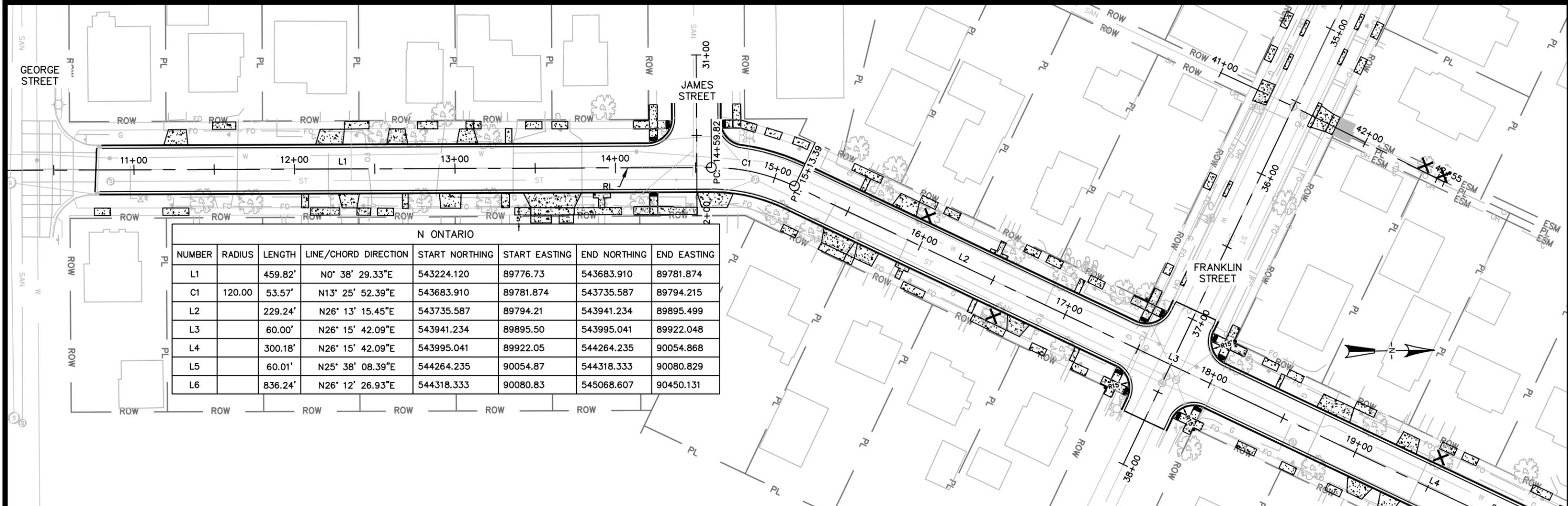
-TYPE D INLET PROTECTION
 -BENCHMARK

BENCHMARKS & CONTROL POINTS				
NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
BM (E #29)	544092.638	89617.004	612.29	TOP NUT

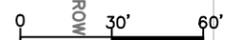
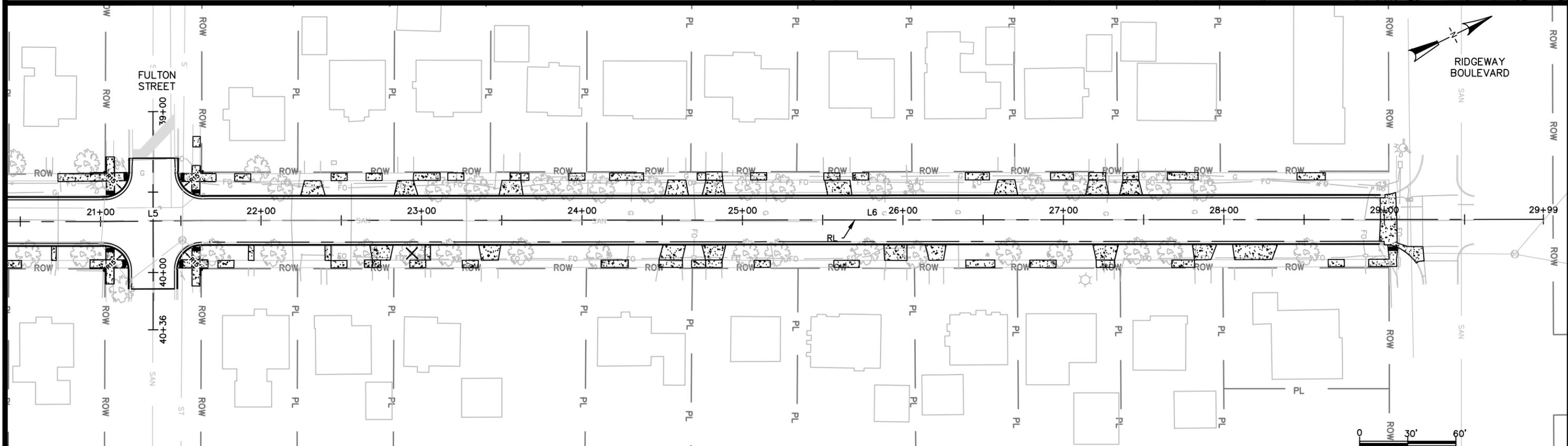


	BY	DATE	REVISIONS / ISSUES	
			NO.	DATE
SURVEYED	KAD	10-2025		
DRAWN	KAD	02-2026		
DESIGNED	EPR	01-2026		
CHECKED	EPR	02-2026		

X:\ENG\Projects\City Projects\2026\Project 26-04 Street Reconstruction\200-CAD\Ontario Street Reconstruction_P&P.dwg



N ONTARIO							
NUMBER	RADIUS	LENGTH	LINE/CHORD DIRECTION	START NORTHING	START EASTING	END NORTHING	END EASTING
L1		459.82'	N0° 38' 29.33"E	543224.120	89776.73	543683.910	89781.874
C1	120.00	53.57'	N13° 25' 52.39"E	543683.910	89781.874	543735.587	89794.215
L2		229.24'	N26° 13' 15.45"E	543735.587	89794.21	543941.234	89895.499
L3		60.00'	N26° 15' 42.09"E	543941.234	89895.50	543995.041	89922.048
L4		300.18'	N26° 15' 42.09"E	543995.041	89922.05	544264.235	90054.868
L5		60.01'	N25° 38' 08.39"E	544264.235	90054.87	544318.333	90080.829
L6		836.24'	N26° 12' 26.93"E	544318.333	90080.83	545068.607	90450.131



CITY OF DE PERE

ENGINEERING DIVISION 925 S. SIXTH ST DE PERE WI 54115
OFFICE: 920-339-4061 EMAIL: DPPUBWRKS@DEPEREWI.GOV

**N ONTARIO STREET
ALIGNMENT**

NAME:
ONTARIO STREET
RECONSTRUCTION
PROJECT

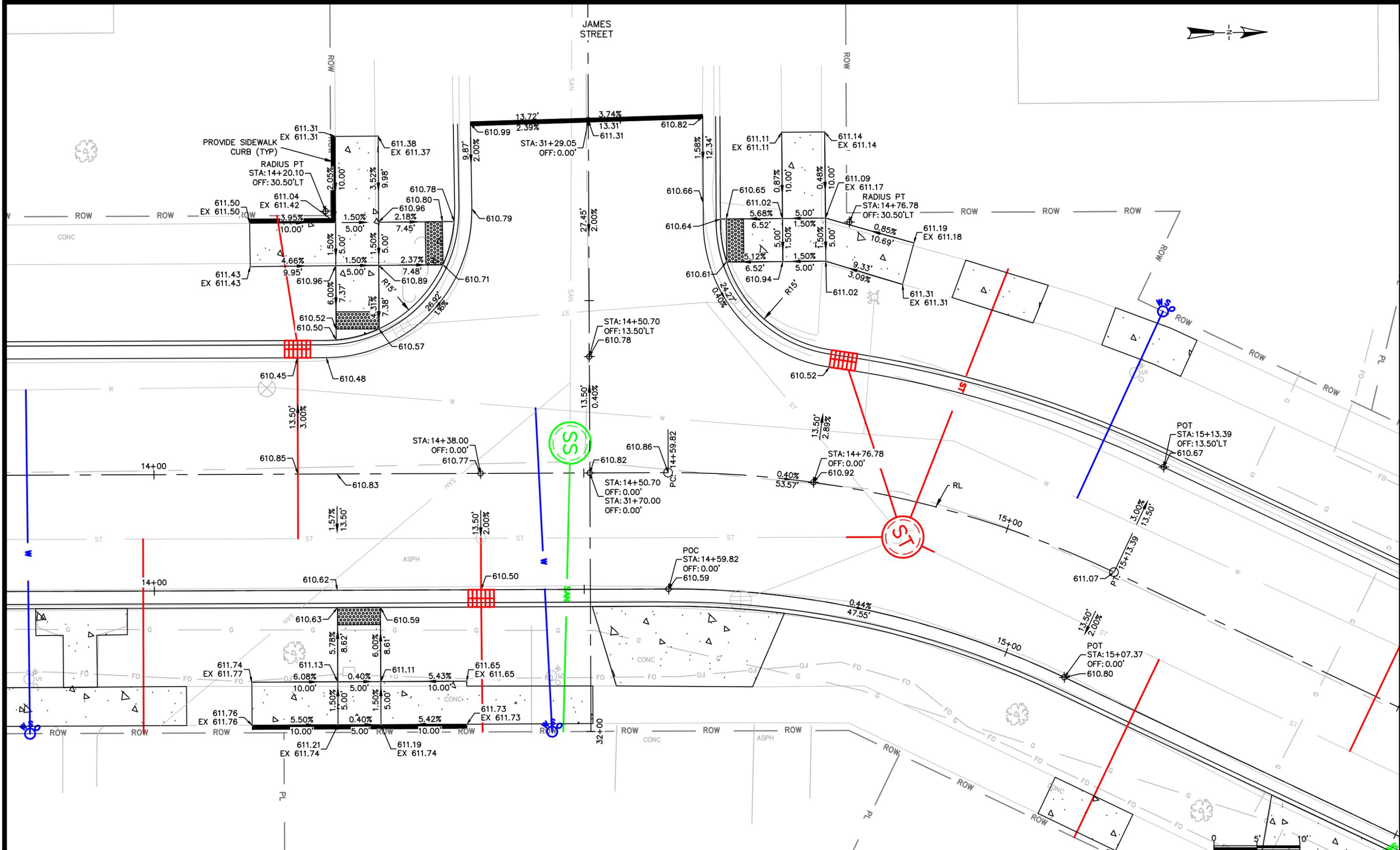
26-04

	BY	DATE
SURVEYED	KAD	10-2025
DRAWN	KAD	02-2026
DESIGNED	EPR	01-2026
CHECKED	EPR	02-2026

REVISIONS / ISSUES			
NO.	DATE	BY	REMARKS

PAGE NO.

C403



CITY OF DE PERE

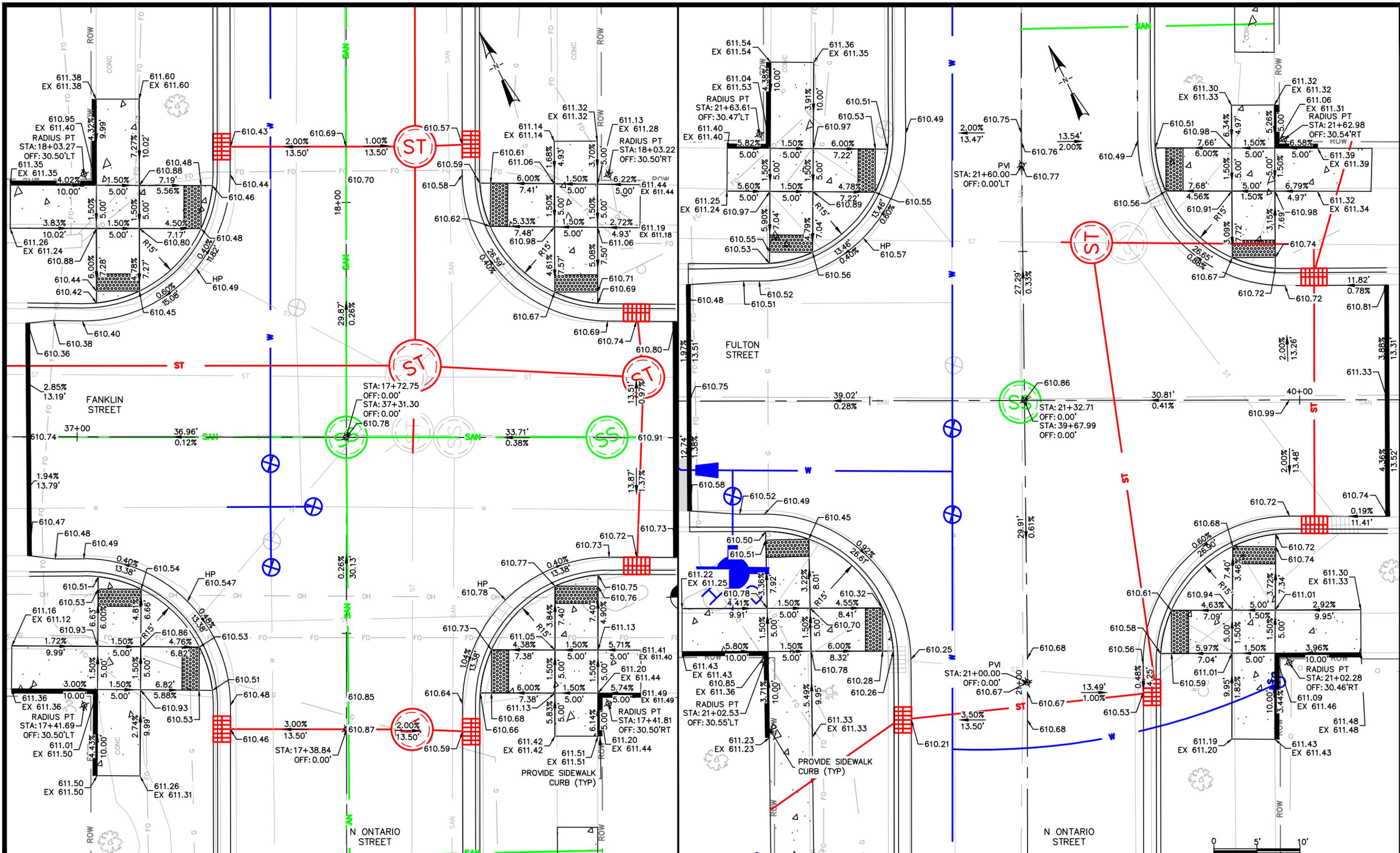
ENGINEERING DIVISION 925 S. SIXTH ST DE PERE WI 54115
OFFICE: 920-339-4061 EMAIL: DPPUBWRKS@DEPEREWI.GOV

**N ONTARIO STREET
JAMES STREET RIGHT CURB FLANGE AND
INTERSECTION DETAIL**

NAME: ONTARIO STREET
RECONSTRUCTION
PROJECT 26-04

	BY	DATE	REVISIONS / ISSUES	
			NO.	DATE
SURVEYED	KAD	10-2025		
DRAWN	KAD	02-2026		
DESIGNED	EPR	01-2026		
CHECKED	EPR	02-2026		

X:\Projects\City Projects\2026\Project 26-04 Street Reconstruction\1200-CAD\Ontario Street Reconstruction_LP&P.dwg



CITY OF DE PERE

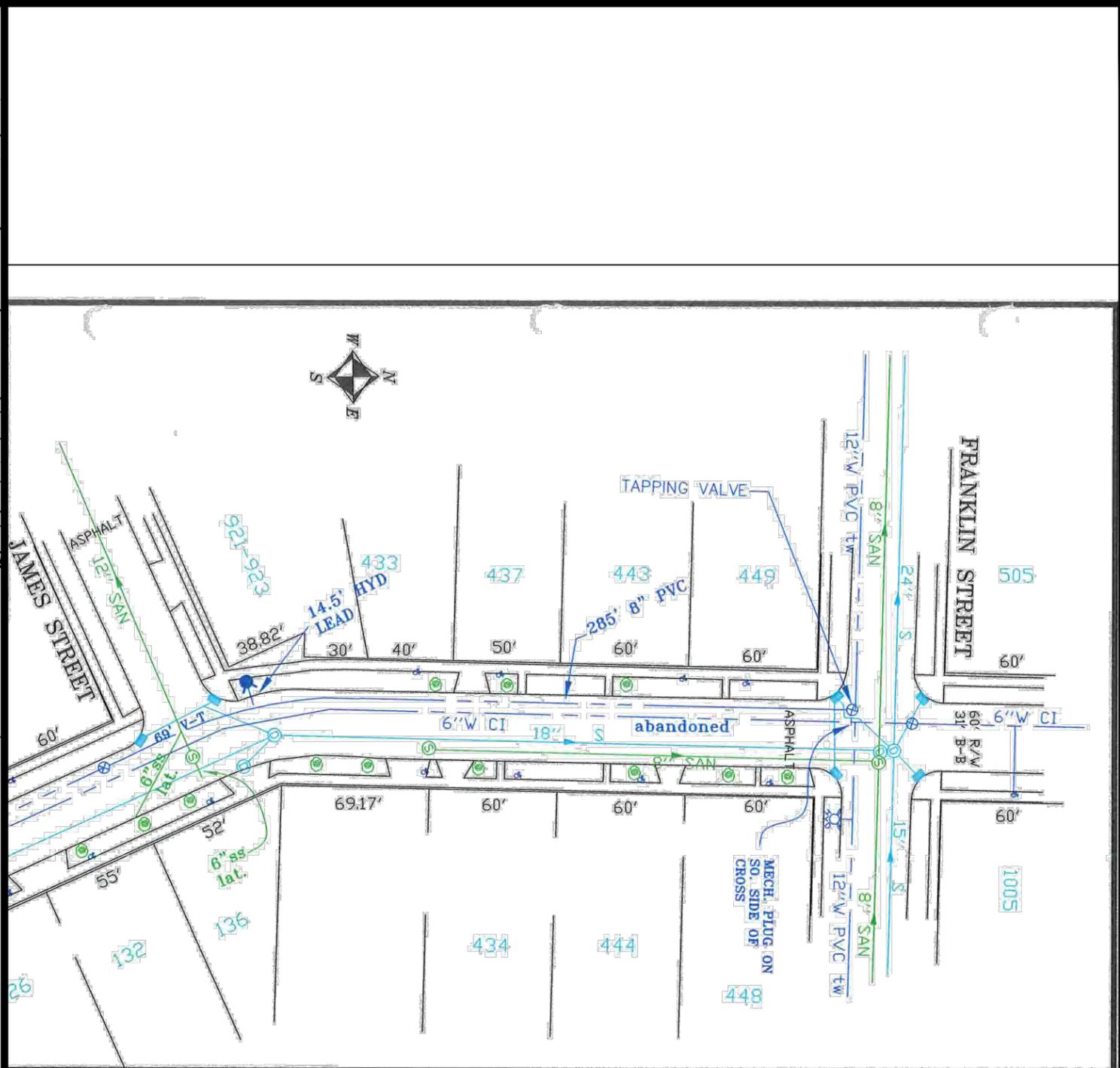
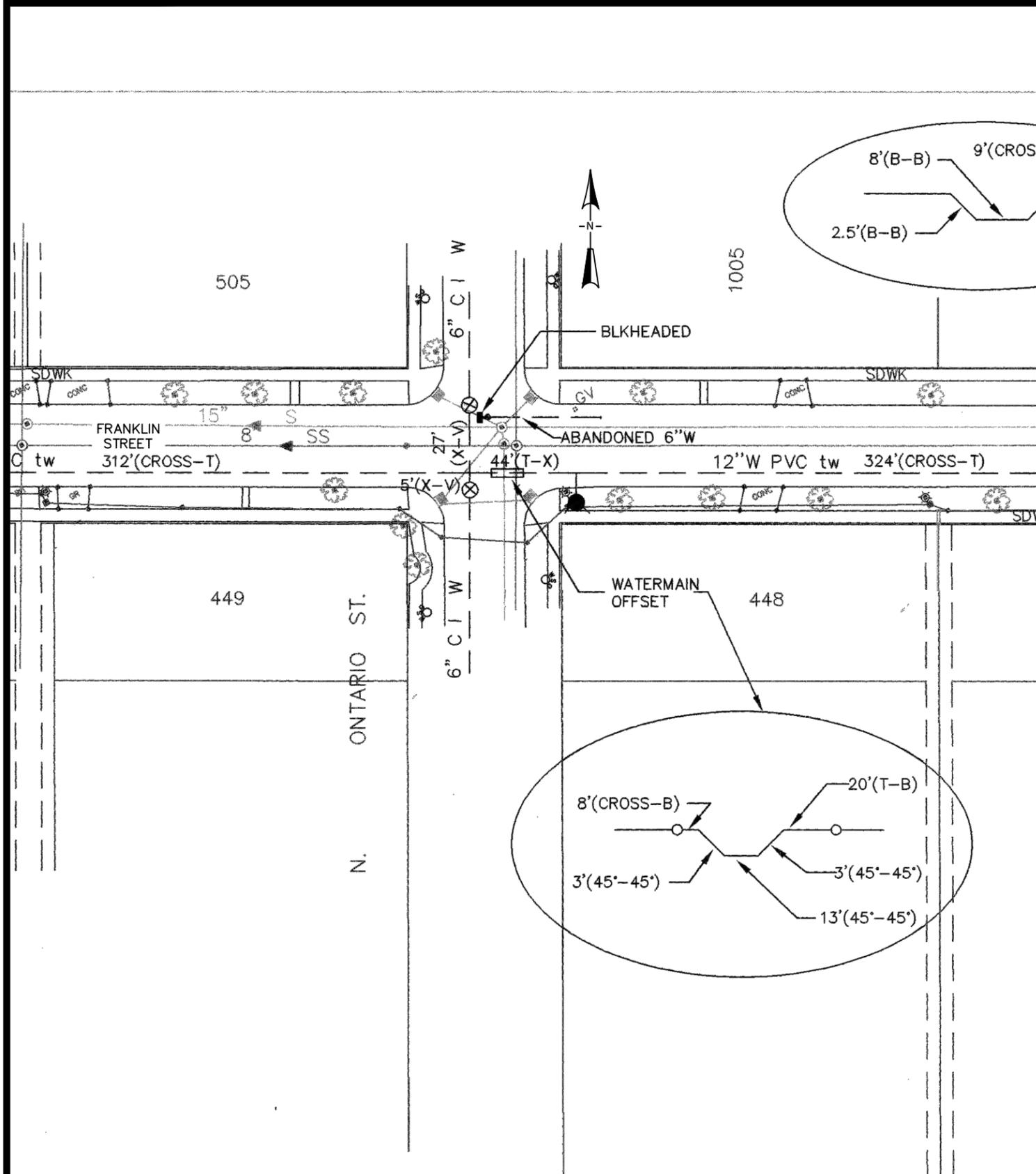
ENGINEERING DIVISION 925 S. SIXTH ST DE PERE WI 54115
OFFICE: 920-339-4061 EMAIL: DPPUBWRKS@DEPEREWI.GOV

**N ONTARIO STREET
FRANKLIN STREET AND FULTON STREET
INTERSECTION DETAILS**

NAME: ONTARIO STREET
RECONSTRUCTION
PROJECT 26-04

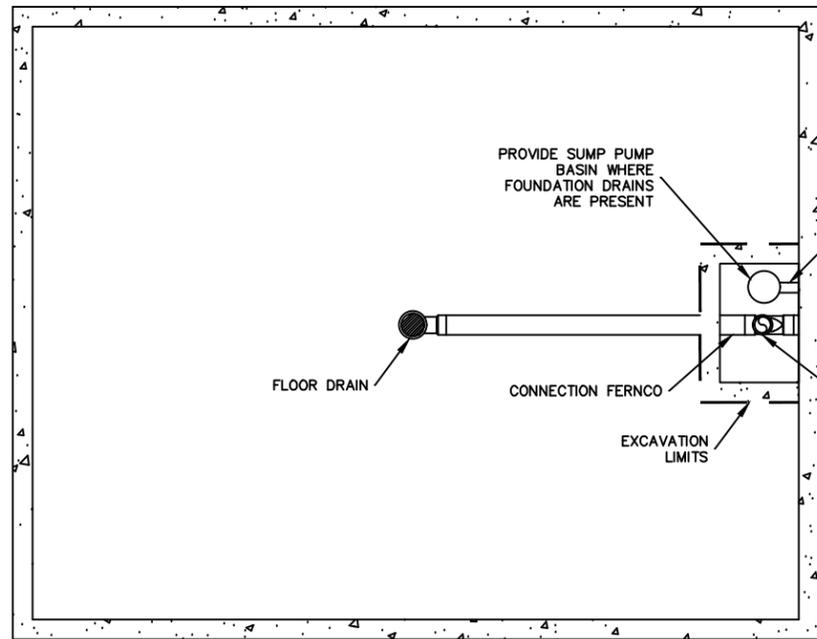
	BY	DATE
SURVEYED	KAD	10-2025
DRAWN	KAD	02-2026
DESIGNED	EPR	01-2026
CHECKED	EPR	02-2026

REVISIONS / ISSUES		
NO.	DATE	REMARKS



SCALE	DATE	STREET	NO.
	1-08	N ONTARIO ST	

	BY	DATE	REVISIONS / ISSUES	
			NO.	DATE
SURVEYED	KAD	10-2025		
DRAWN	KAD	01-2026		
DESIGNED	EPR	01-2026		
CHECKED	EPR	01-2026		



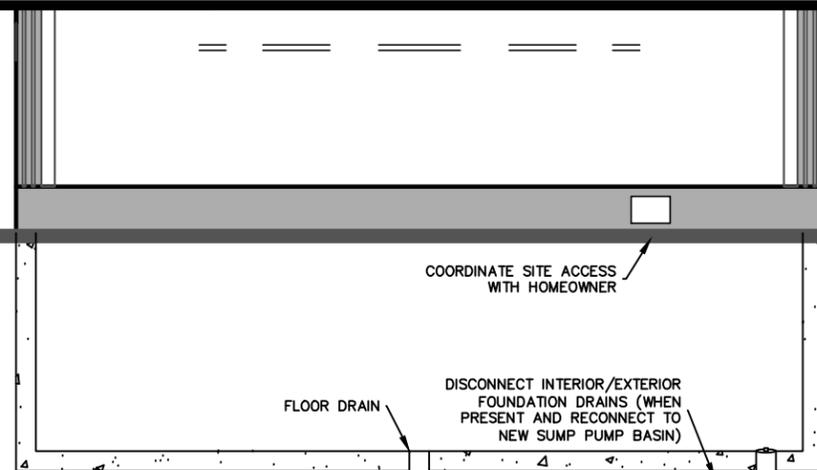
SANITARY LATERAL TO BE PIPE BURSTED

RIGHT-OF-WAY EXCAVATION LIMITS

COUPLING

SANITARY MAIN AS SHOWN ON PLANS

N.T.S.



* BACKFLOW PREVENTOR/CHECKVALVE MAY BE REQUIRED UPON REQUEST OF THE HOMEOWNER

ROW

CONCRETE SIDEWALK

℄

ROW

CONCRETE SIDEWALK

SANITARY LATERAL TO BE PIPE BURSTED

22.5° BEND

CONNECTION TO NEW WYE OR SADDLE

COUPLING

SANITARY SEWER MAIN (DEPTH PROVIDED ON PLAN & PROFILE SHEETS)

N.T.S.

CITY OF DE PERE

ENGINEERING DIVISION 925 S. SIXTH ST DE PERE WI 54115
OFFICE: 920-339-4061 EMAIL: DPPUBWRKS@DEPERE.WI.GOV

**PIPE BURSTING
CONSTRUCTION DETAIL**

NAME:
ONTARIO STREET
RECONSTRUCTION
PROJECT

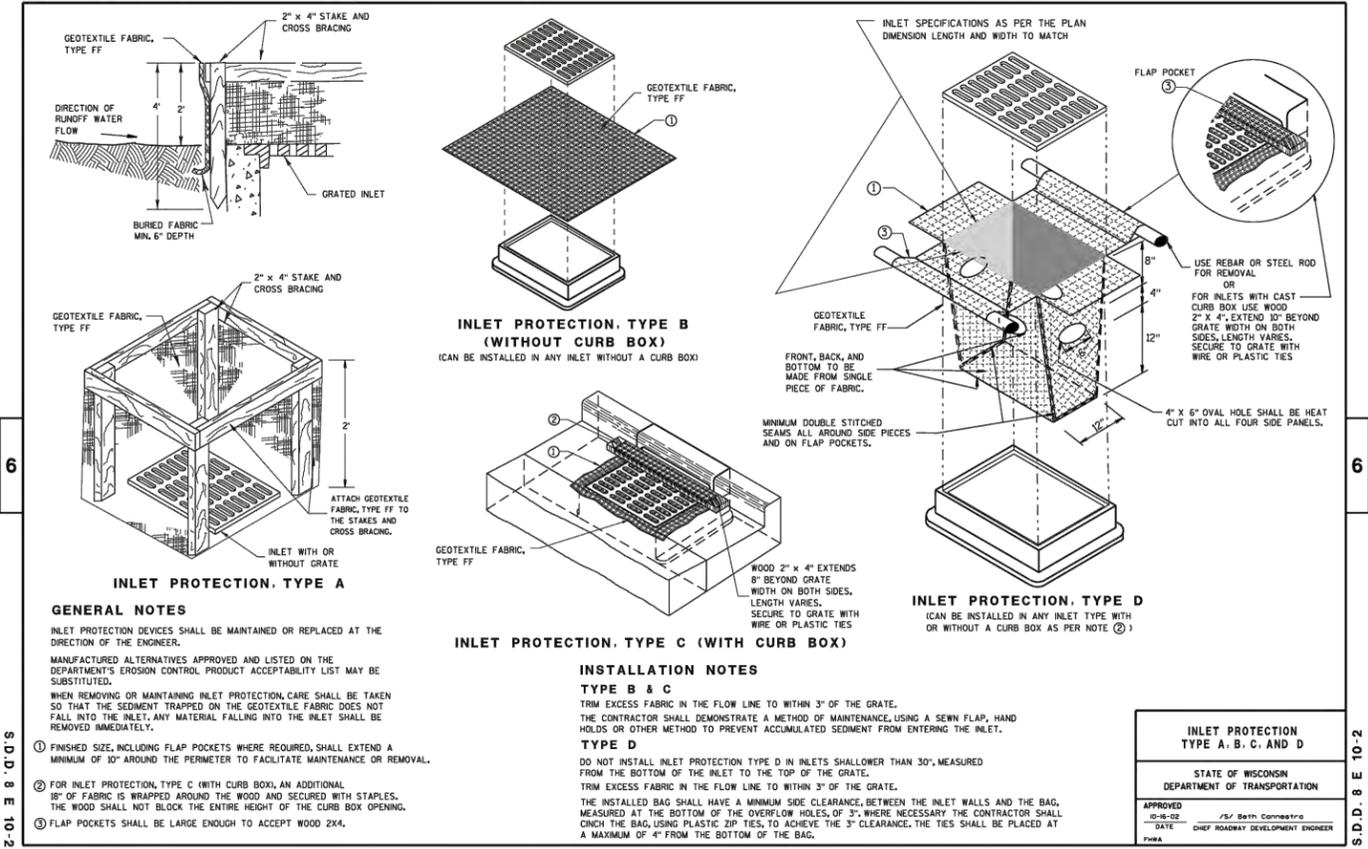
26-04

	BY	DATE	REVISIONS / ISSUES		REMARKS
			NO.	DATE	
SURVEYED					
DRAWN					
DESIGNED					
CHECKED	EPR	02-2026			

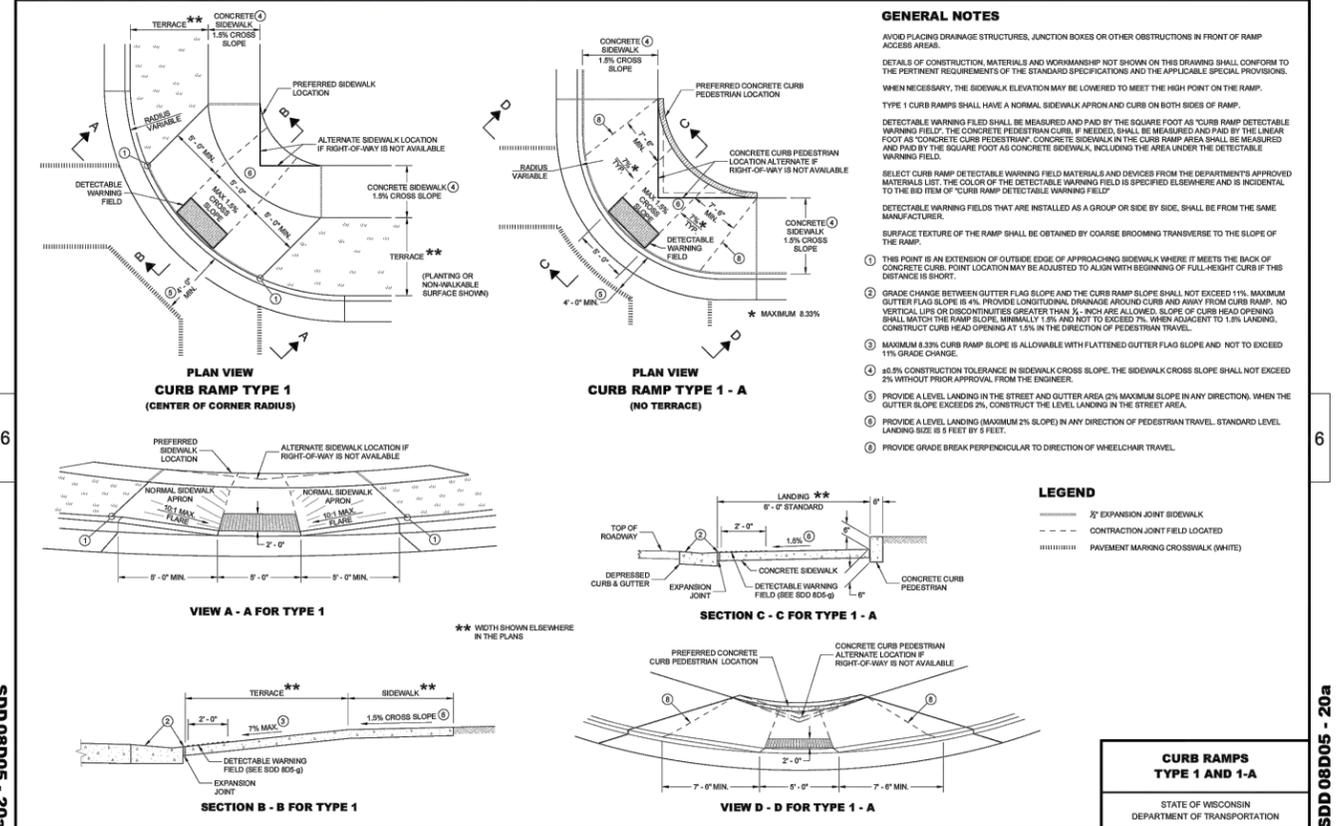
PAGE NO.
C501

X:\ENG\Projects\City Projects\2026\Project 26-04 Street Reconstruction\1200-CAD\CONSTRUCTION DETAILS.dwg

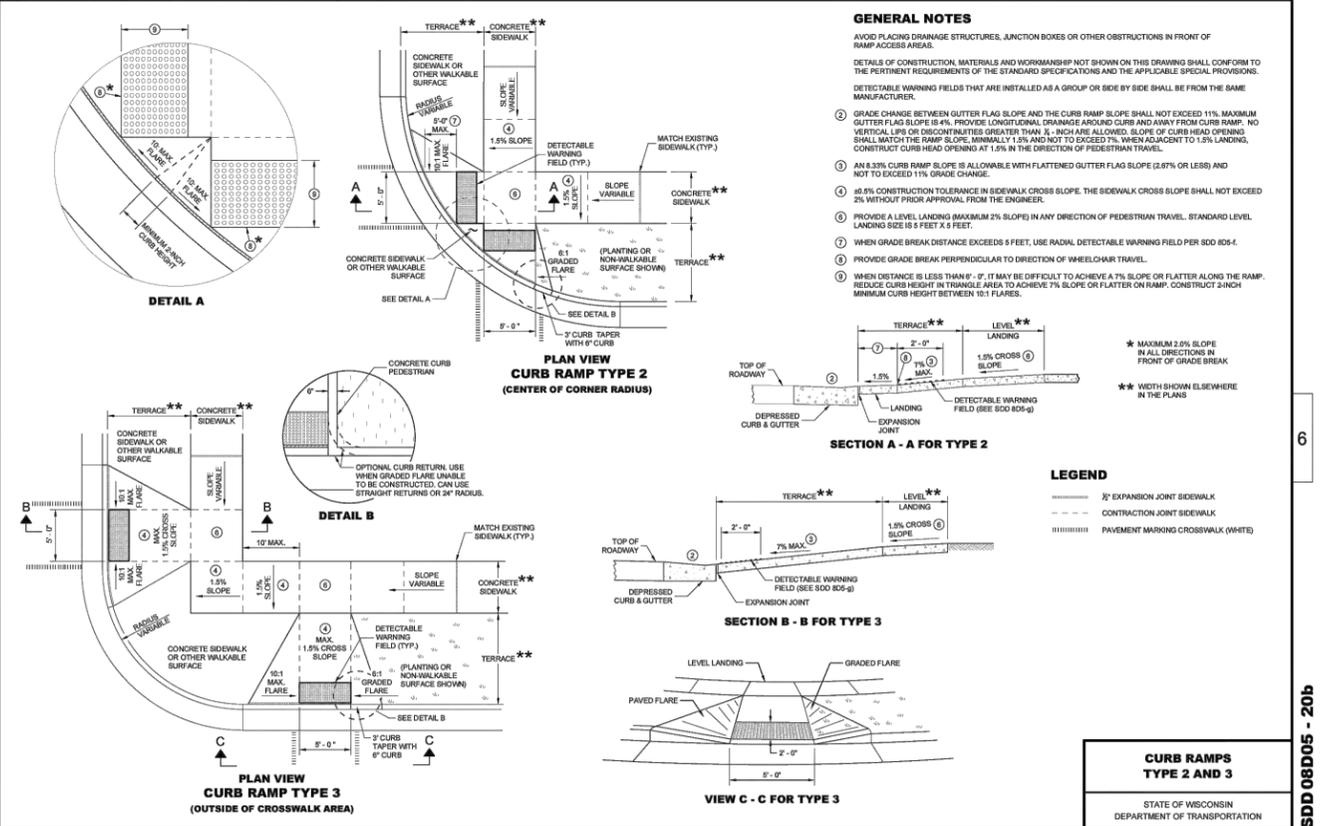
SDD 8e10 Inlet Protection Type A, B, C and D



SDD 08D05-a: Curb Ramps Types 1 and 1-A



SDD 08D05-b Curb Ramps Types 2 and 3



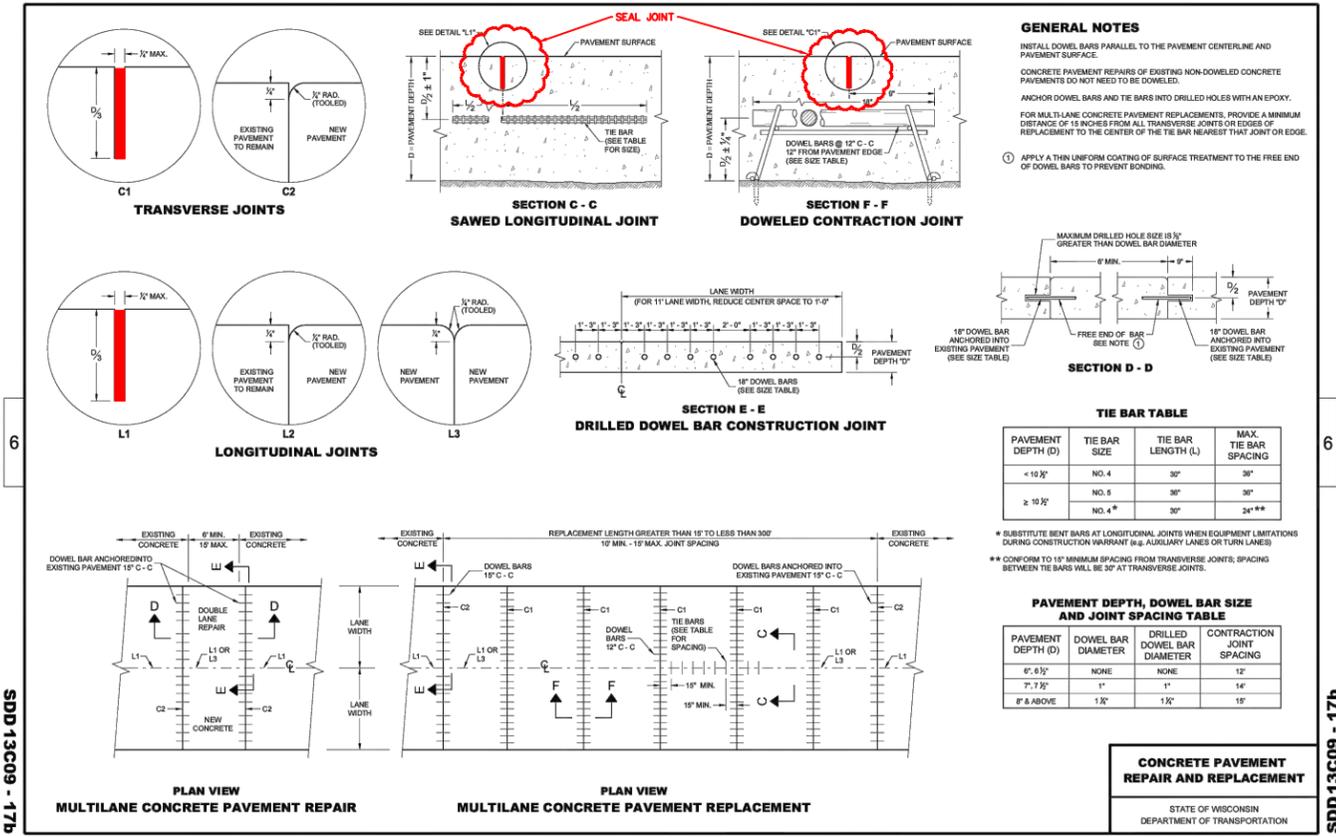
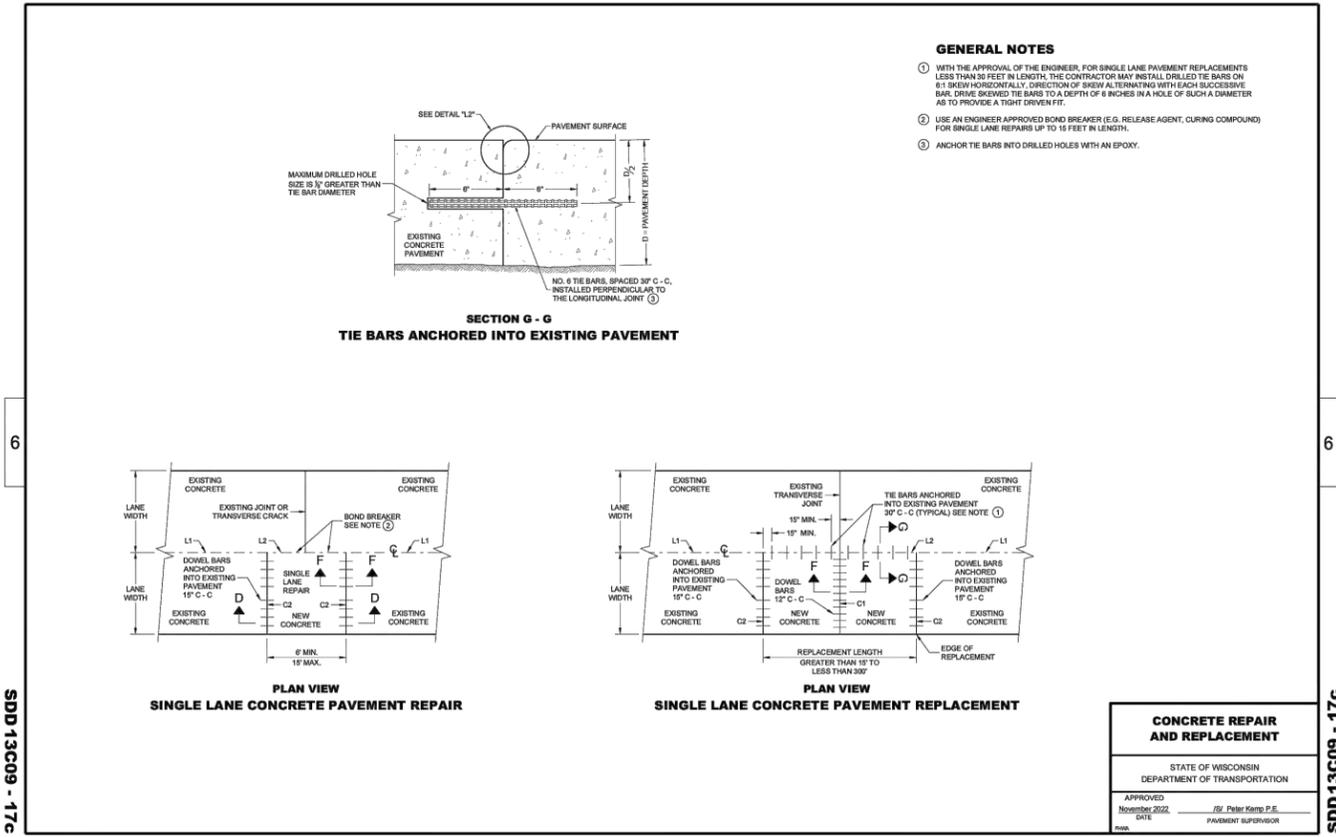
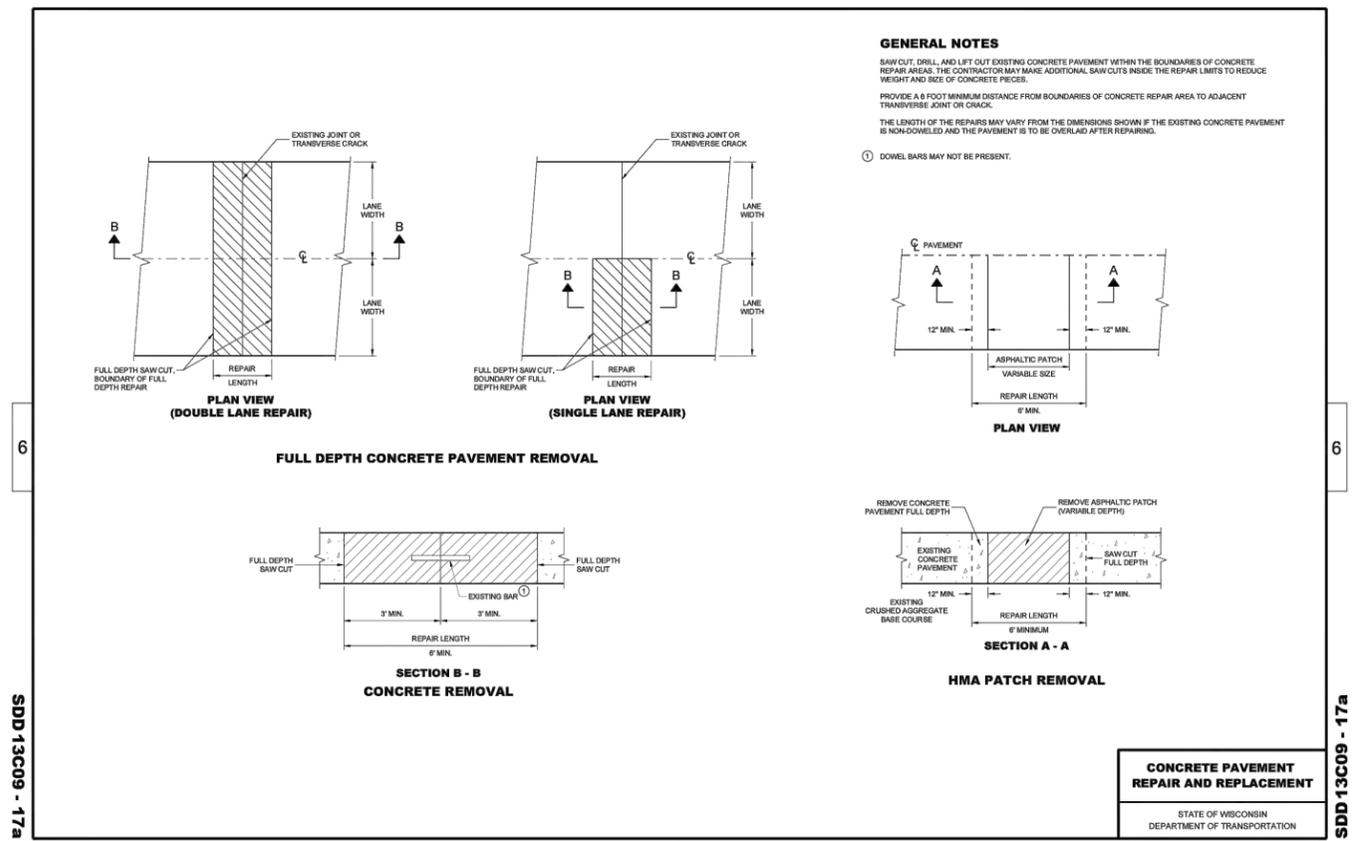
CITY OF DE PERE

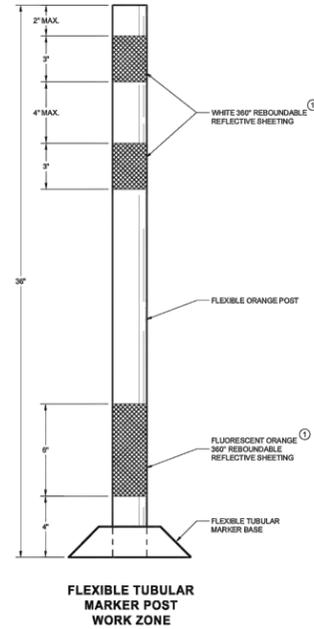
ENGINEERING DIVISION 925 S. SIXTH ST DE PERE WI 54115
OFFICE: 920-339-4061 EMAIL: DPPUBWRKS@DEPERE.WI.GOV

CONSTRUCTION DETAILS

NAME: ONTARIO STREET RECONSTRUCTION PROJECT
26-04

BY	DATE	REVISIONS / ISSUES	
		NO.	DATE
SURVEYED			
DRAWN			
DESIGNED			
CHECKED	EPR	02-2026	





FLEXIBLE TUBULAR MARKER POST WORK ZONE

GENERAL NOTES

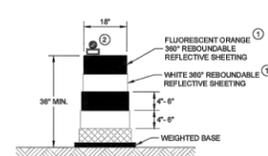
DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.
 SURFACE MOUNTED BASES SHALL BE FURNISHED IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS TO BE COMPATIBLE WITH FLEXIBLE TUBULAR MARKER POSTS TO A SIZE AND SHAPE THAT WILL PROVIDE A STABLE POST FOUNDATION WHEN SECURED TO THE PAVEMENT.
 THE ASPHALTIC ADHESIVE OR BUTYL PAD FURNISHED SHALL BE IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS, UNLESS DIRECTED BY THE ENGINEER TO USE BOLTS.

- ① REFLECTIVE SHEETING SHALL FOLLOW THE REQUIREMENTS IN THE APPROVED PRODUCTS LISTING FOR SIGN SHEETING.

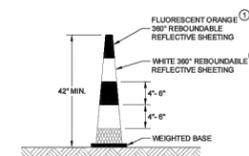
**CHANNELIZING DEVICES
FLEXIBLE TUBULAR
MARKER POST**

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
APPROVED
November 2022
DATE:
BY:
WORK ZONE ENGINEER

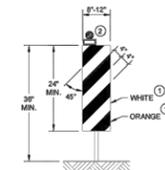
SDD 15C11 - 10a



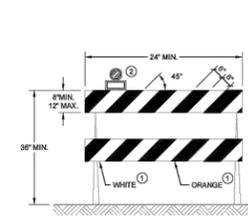
DRUM
BALLAST WIDTHS
RANGE FROM 24"-36"



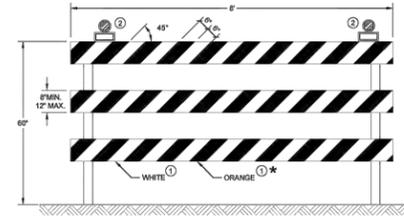
42" CONE
DO NOT USE IN TAPERS
1/3 SPACING OF DRUMS
BALLAST WIDTHS
RANGE FROM 14"-20"



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.



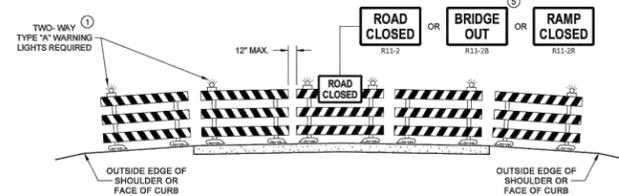
TYPE III BARRICADE
IF SIGN MOUNTED, DO NOT COVER MORE THAN 50% OF THE TOP TWO RAILS OR 33% OF THE TOTAL AREA OF THE THREE RAILS.
* IF USED FOR A PERMANENT APPLICATION USE RED SHEETING.

**CHANNELIZING DEVICES
DRUMS, CONES, BARRICADES
AND VERTICAL PANELS**

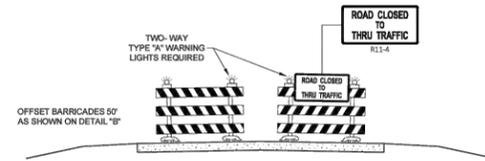
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
APPROVED
November 2022
DATE:
BY:
WORK ZONE ENGINEER

SDD 15C11 - 10b

SDD 15C02-b Barricades and Sign for Various Closures



**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.
 "W" AND "M" 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 BE 30" X 24"
 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 - 8 SHALL BE 24" X 24" (36" X 36" IF NEEDED TO MATCH EXISTING SIGNS)
 M05 - 1 AND M05 - 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
February 2020
DATE:
BY:
WORK ZONE ENGINEER

SDD 15C02 - 08b

CITY OF DE PERE

ENGINEERING DIVISION 925 S. SIXTH ST DE PERE WI 54115
OFFICE: 920-339-4061 EMAIL: DPPUBWRKS@DEPEREWI.GOV

**TRAFFIC CONTROL
DETAILS**

NAME: ONTARIO STREET
RECONSTRUCTION
PROJECT

26-04

BY	DATE	REVISIONS / ISSUES		REMARKS
		NO.	DATE	
SURVEYED				
DRAWN	KAD	02-2026		
DESIGNED				
CHECKED	EPR	02-2026		

PAGE NO.
C504

