

Madison, Wisconsin

CITY OF MADISON

CITY ENGINEERING DIVISION

DEPARTMENT OF PUBLIC WORKS

PLAN OF PROPOSED IMPROVEMENT

INDEX OF SHEETS

SHEET NO.	D1	ELECTRICAL DETAILS (PROJECTWIDE)
SHEET NO.	FS1-FS6	FISHER CENTER DANE
SHEET NO.	BC1-BC10	BUICK STREET SIDEWALK
SHEET NO.	GA1-GA2	GAMMON MINERAL POINT
SHEET NO.	LA1-LA8	LANGDON CARROLL HENRY
SHEET NO.	RA1-RA5	RAYMOND GILBERT
SHEET NO.	UB1-UB5	UNIVERSITY BLACKHAWK
SHEET NO.	MW1-MW7	MILWAUKEE WALBRIDGE
SHEET NO.	MP1-MP7	MILWAUKEE PORTLAND
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SHEET NO.	DB1-DB6	DRAKE BROOKS
SHEET NO.	OD1-OD7	ODANA PARMAN GATELY
SHEET NO.	BT1-BT7	BLAINE TOBAN SIDEWALK
SHEET NO.	CG1-CG4	COTTAGE GROVE ACEWOOD
SHEET NO.	BA1-BA7	BADGER SIDEWALK
SHEET NO.	WI1-WI9	WISCONSIN JOHNSON GORHAM
SHEET NO.	BS1-BS3	METRO BUS PADS
SHEET NO.	E1-E6	ELECTRICAL SHEETS (PROJECTWIDE)
SHEET NO.	MN1	MAINTENANCE PLAN (CITY USE ONLY)

NOTES:

- ALL GUTTERS SHALL DRAIN WITH A MINIMUM GRADE OF 0.50% TOWARD STORM SEWER INLETS.
- SIDEWALK RAMPS SHALL HAVE A MAXIMUM SLOPE OF 1" PER 12". SIDEWALK AND CURB RAMPS SHALL BE CONSTRUCTED WITH A SIDE SLOPE OF 2.00%. SIDEWALK SHALL HAVE A MINIMUM LONGITUDINAL SLOPE OF 0.50% AND A MAXIMUM LONGITUDINAL SLOPE OF 5.00% EXCEPT WHERE STREET GRADES EXCEED 5.00%.

CONVENTIONAL SIGNS FIELD VERIFY ALL UTILITY LOCATIONS

GAS	— G —
STORM SEWER	— ST —
SANITARY SEWER	— SN —
WATER	— W —
BURIED ELECTRIC	— E —
OVERHEAD ELECTRIC	— OH —
POWER POLE	□
ADA COMPLIANT RAMP W/ DETECTABLE WARNING FIELD	▒

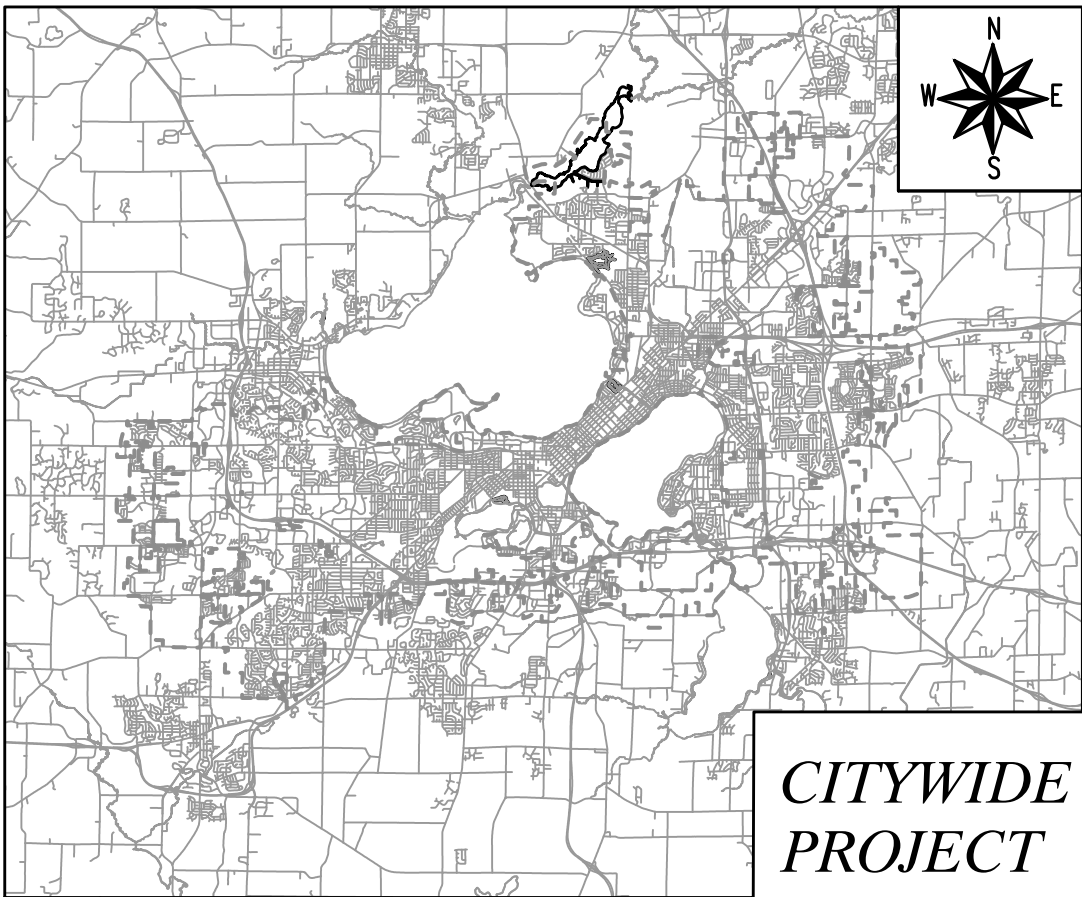
REVISION 1: 7/09/25
ADDED METRO
BUSPADS BS1-BS3
REVISED BT1,BC2,BC6

REVISION 2: 7/30/25
ADDED CG5-CG7, FS4A
REVISED SR2,SR4,
CG1,CG2,CG4,FS1,FS3,
UB2

SAFE STREETS 2025

CITY PROJECT NO. 15200

CONTRACT NO. 8800



EARTH WORK SUMMARY:

EXCAVATION CUT (MEASURED PLAN QUANTITY) = 1,001 C.Y.
ESTIMATED UNDISTRIBUTED UNDERCUT = 272 C.Y.
TOTAL UNCLASSIFIED EXCAVATION CUT = 1,273 C.Y.

PUBLIC IMPROVEMENT PROJECT
APPROVED

14 JANUARY 2025

BY THE COMMON COUNCIL
OF MADISON, WISCONSIN

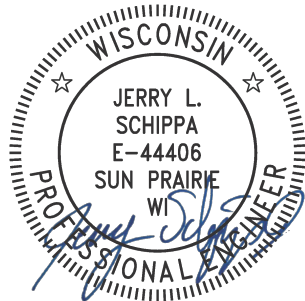
PUBLIC IMPROVEMENT DESIGN
APPROVED BY:

Chris Petykowski Feb 28, 2025

City Engineer

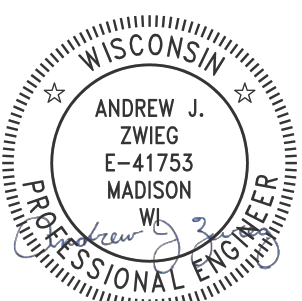
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ELECTRICAL
DESIGNED BY:



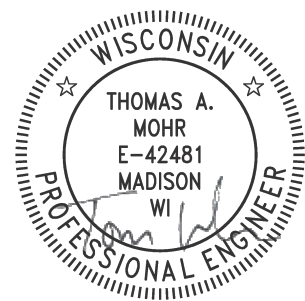
Mar 3, 2025

STREET
DESIGNED BY:



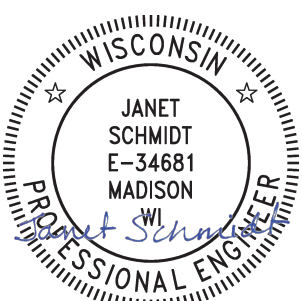
Feb 28, 2025

PAVEMENT MARKING
DESIGNED BY:



Feb 28, 2025

STORM SEWER
DESIGNED BY:



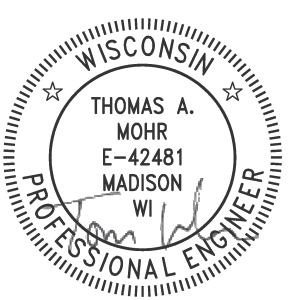
Feb 28, 2025

TRAFFIC CONTROL
DESIGNED BY:



Feb 28, 2025

GEOMETRICS
DESIGNED BY:



Feb 28, 2025

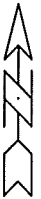
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PLOT NAME: ---

ORIGINATOR: CITY_OF_MADISON
REV. DATE: 2/28/2025 12:40 PM

ELECTRIC NOTES:

1. ALL LOCATIONS ARE APPROXIMATE, THE TRAFFIC ENGINEER SHALL APPROVE FINAL LOCATIONS, INCLUDING SETBACK IN THE FIELD AFTER CONTRACTOR SURVEYS STAKING. THE CONTRACTOR SHALL NOTIFY JERRY SCHIPPA (608) 267-1969 CITY TRAFFIC ENGINEERING, AT LEAST 24-HOURS IN ADVANCE OF NEEDING CONDUIT OR BASE LOCATIONS MARKED.
2. THE CONTRACTOR SHALL DO ALL WORK IN ACCORDANCE WITH "CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 2023 EDITION" AND ALL ADDENDUMS THERETO.
3. ALL CONDUIT SHALL BE PVC, SCHEDULE 80 BENEATH PAVEMENT OR SCHEDULE 40 OTHERWISE, PULL WIRE REQUIRED AS PER STANDARD SPECIFICATIONS.
4. THE CONTRACTOR SHALL CALL CITY OF MADISON LEAD ELECTRICIAN WILLIAM GILBERTSON (608) 333-1600 AT LEAST 24 HOURS PRIOR TO PLACING CONCRETE, INSTALLING BASES, INSTALLING HANDHOLES, PULLING WIRE, CONNECTING TRAFFIC SIGNAL CABINETS, OR BURYING CONDUIT FOR INSPECTION.
5. ANY WORK COMPLETED WITHOUT INSPECTION IS SUBJECT TO REJECTION.
6. PER STANDARD SPECIFICATION, RESTORING TERRACES DUE TO CONDUIT INSTALLATION IS INCIDENTAL TO CONSTRUCTION
7. EXISTING STREET LIGHTS SHALL BE INSERVICE EVERY NIGHT, UNLESS OTHERWISE ALLOWED BY CITY OF MADISON TRAFFIC ENGINEERING.
8. NOTIFY TRAFFIC ENGINEERING PRIOR TO CHANGING ANY TRAFFIC SIGNAL OPERATION TO COORDINATE ANY TRAFFIC SIGNAL CABINET EQUIPMENT CHANGES NECESSARY TO OPERATE NEW SIGNAL CONFIGURATIONS (ACEWOOD-COTTAGE GROVE ROAD, JOHNSON-WISCONSIN).
9. THE CONTRACTOR SHALL ARRANGE FOR PICK UP OF THE FOLLOWING CITY FURNISHED MATERIALS, WHICH SHOULD BE ARRANGED FOR PICKUP BY CALLING ED SMITH, TRAFFIC ENGINEERING SHOP (608) 266-8031 AT 1120 SAYLE STREET;
 - 9.1. (4) $\frac{3}{4}$ " BY 19" ANCHOR BOLTS FOR TYPE GR BASE (1 TOTAL)
 - 9.2. (32) $1\frac{1}{4}$ " BY 48" ANCHOR BOLTS FOR LB-8R BASES (8 TOTAL BASES)
 - 9.3. TS2 TRAFFIC SIGNAL CONTROL CABINET FOR WISCONSIN & GORHAM.



ELECTRICAL PLAN NOTES

SAFE STREETS MADISON 2024

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15200

MADISON, WI

8800

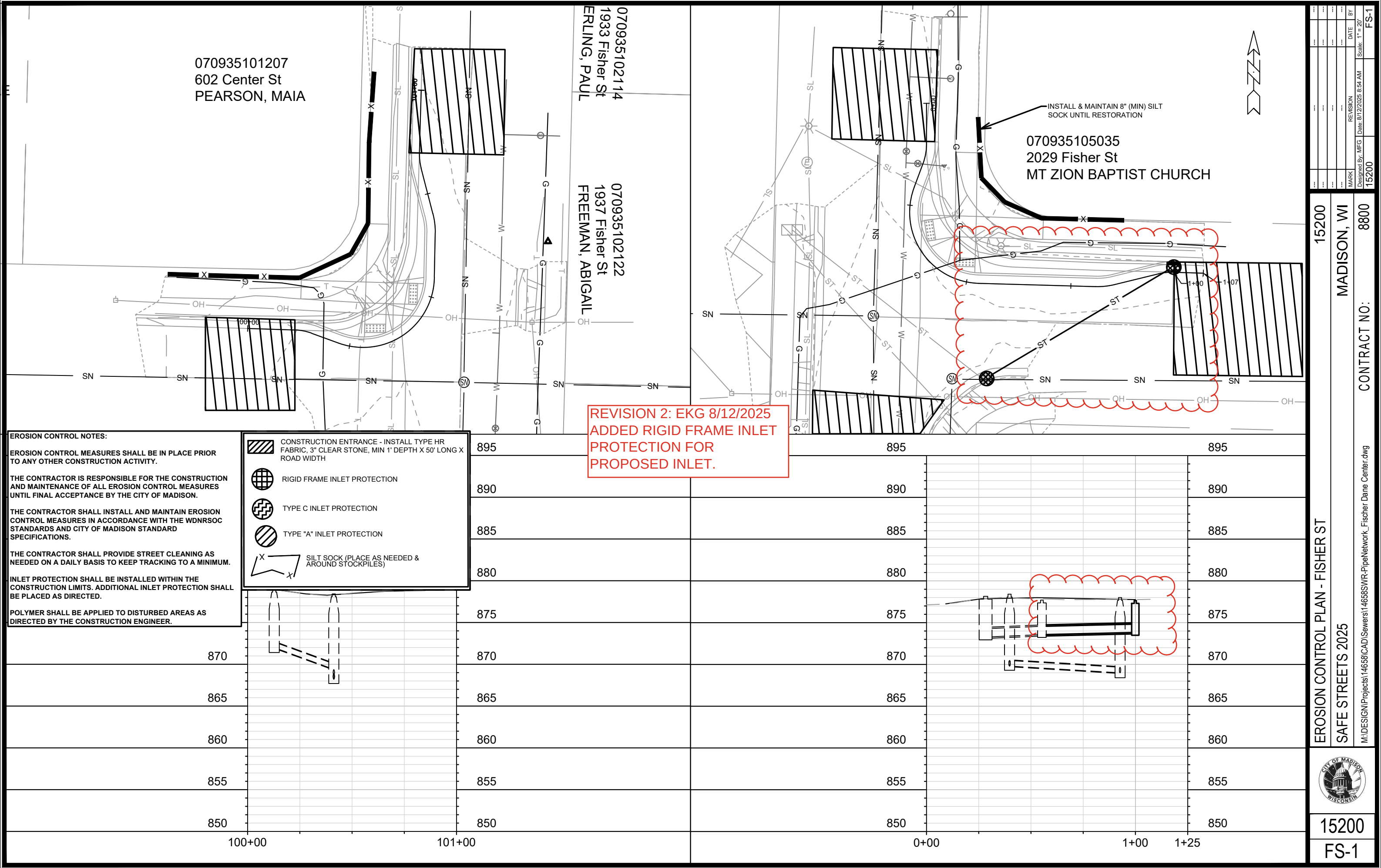
CONTRACT NO:



15200

D-1

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15200					D-1



15200

FS-1

DATE

8/12/2025 8:54 AM

REVISION

15200

MARK

15200

DESIGNED BY

MFG

CONTRACT NO.

8800

PROJECT

SAFE STREETS 2025

LOCATION

EROSION CONTROL PLAN - FISHER ST

CITY

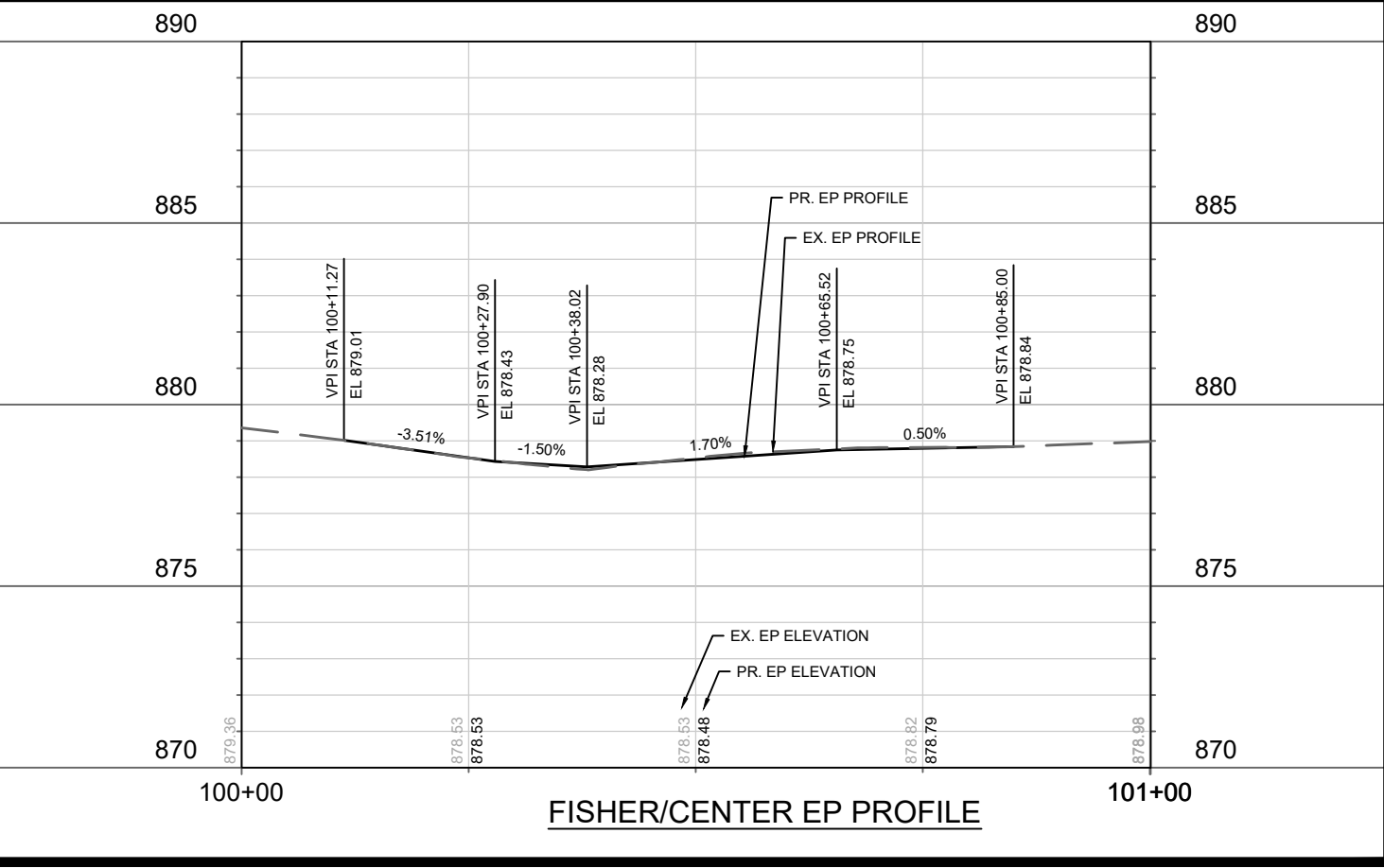
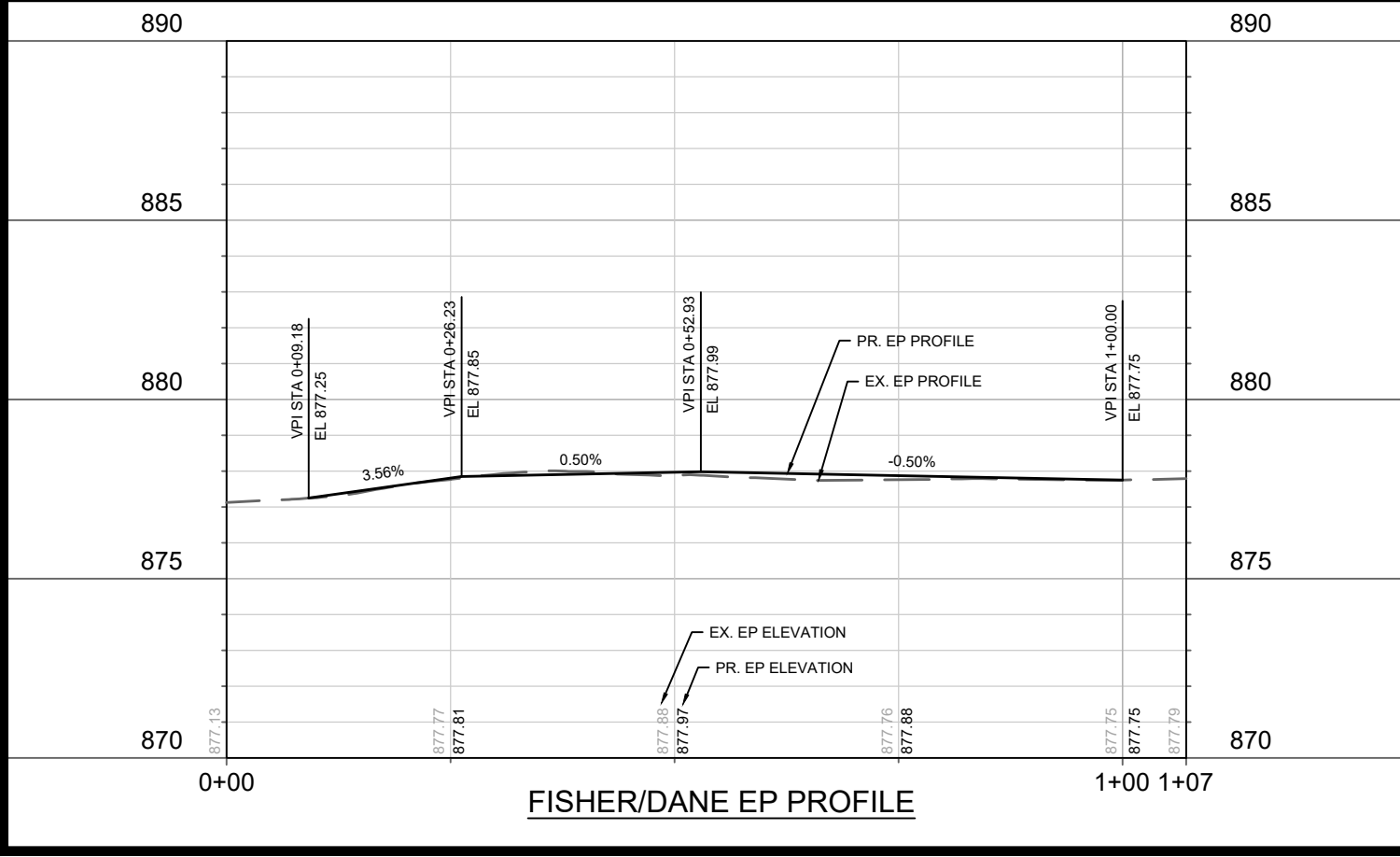
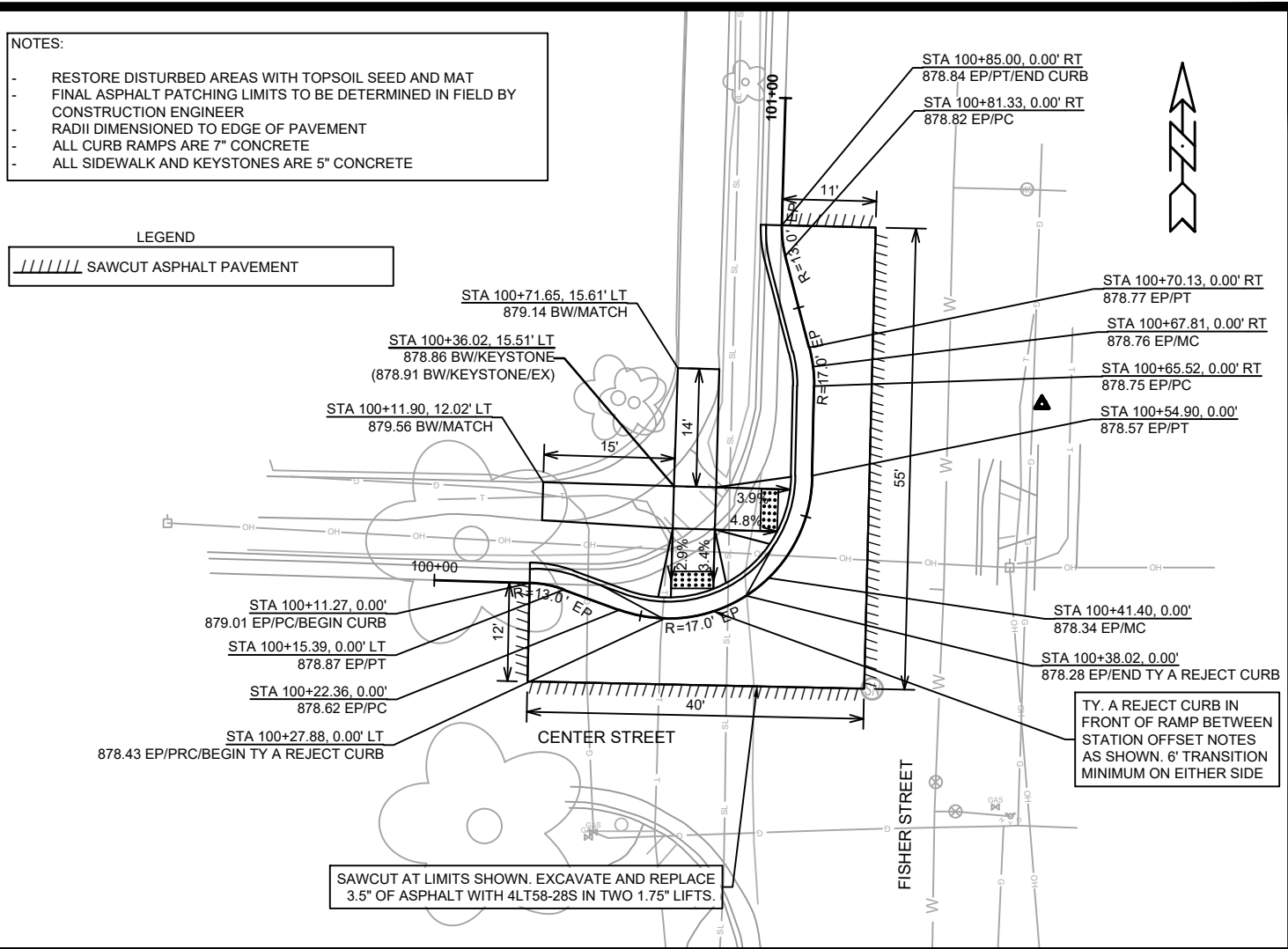
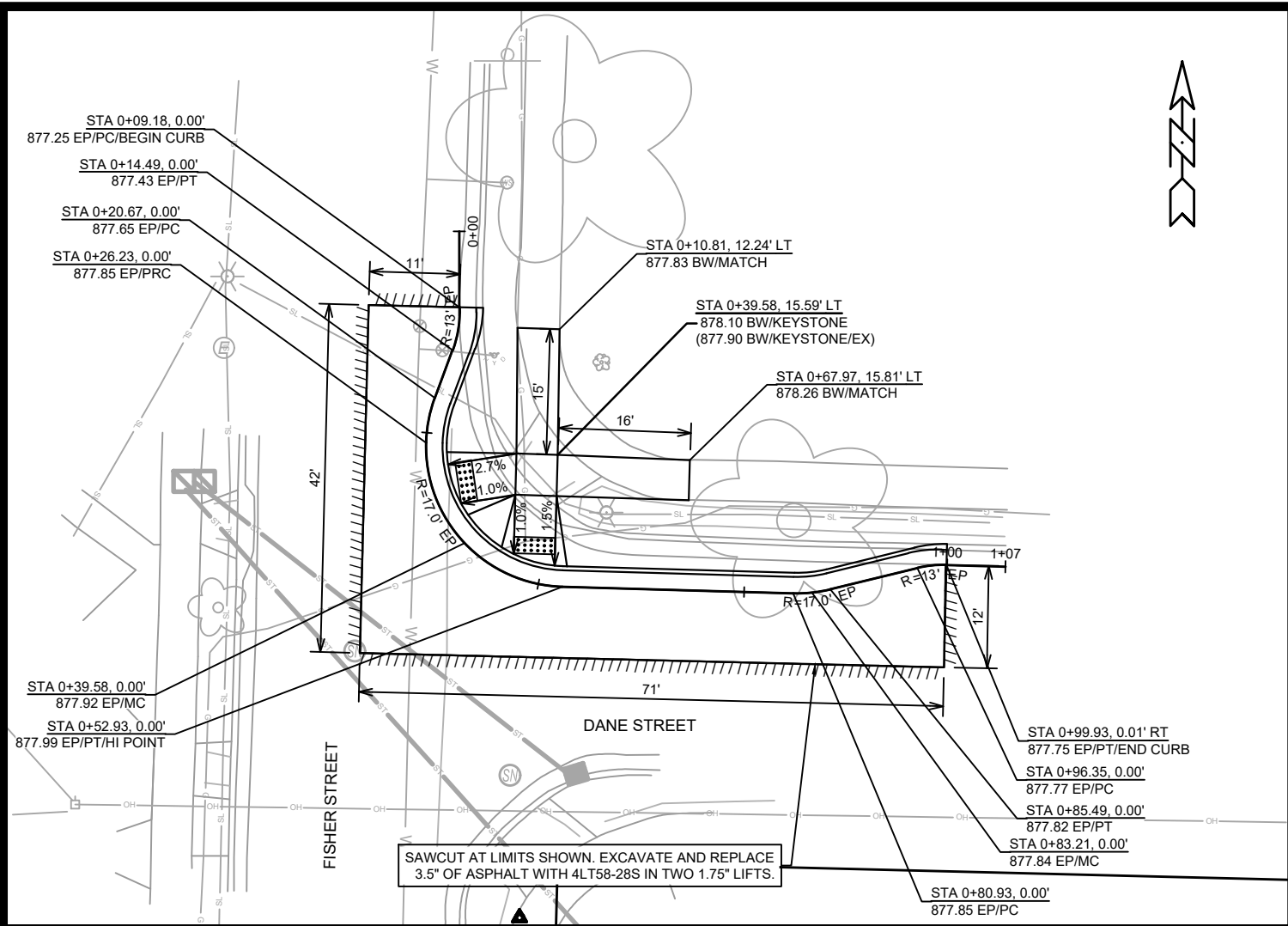
MADISON, WI

FILE

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15200

FS-1



SANITARY SEWER SCHEDULE

FISHER DANE CENTER PROJECT NO. 15200	SHEET NO. FS-4
SANITARY SEWER SCHEDULE	
CITY OF MADISON	

ADJUST EXISTING SANITARY STRUCTURES

SAS NO.	STATION	LOCATION (OFFSET)	TOC	PROP TOC	ADJ (FT)	NOTES
FISHER ST						
SAS4963-007	0+39.76	RT-18.70	878.41	878.41	0.00	[1]
SAS4962-008	100+41.24	RT-17.97	RT-878.43	878.43	0.00	[1]

SPECIFIC NOTES

[1] MATCH PROPOSED STREET GRADE

STORM SEWER SCHEDULE

*REVISED BY EKG: 8/12/25

FISHER DANE CENTER
PROJECT NO. 15200

SHEET NO.
FS-4A

STORM SEWER SCHEDULE

CITY OF MADISON

PROPOSED STORM STRUCTURES

STRUC. NO.	STATION	LOCATION (OFFSET)	TYPE	TOP OF CASTING	E.I.	DEPTH	NOTES
DANE ST							
* S-7	0+99.92	LT-1.32	H INLET	878.11	873.82	4.29	LP; W/R-3067-7004-VB

PROPOSED STORM PIPES

PIPE NO.	FROM (DNSTM)	TO (UPSTM)	DISCH. E.I.	INLET E.I.	PLAN (PAY) LGTH (FT)	PIPE LGTH (FT)	SLOPE (%)	PIPE SIZE	TYPE	NOTES
DANE ST										
* P-4	IN4963-017	S-7	873.56	873.82	52	49	0.53%	12"	RCP	[1]

NOTE: PLAN LENGTH (PAY LENGTH) IS FROM CENTER OF STRUCTURE TO CENTER OF STRUCTURE. PIPE LENGTH IS ACTUAL LENGTH OF PIPE FROM STRUCTURE WALL TO STRUCTURE WALL. SLOPE CALCULATED USING

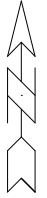
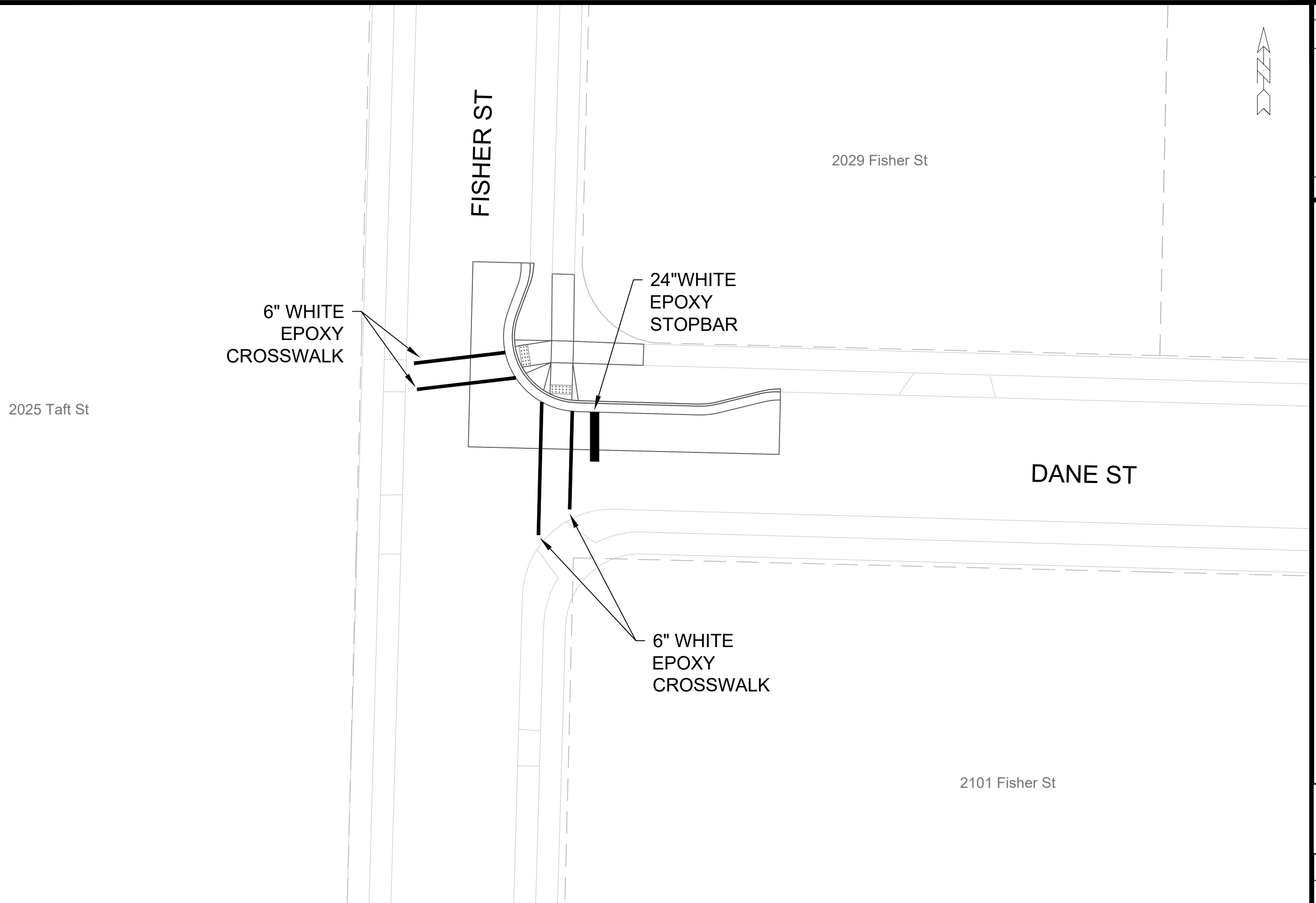
REVISION 2: EKG 8/12/2025
ADDED SCHEDULE FOR
PROPOSED STORM INLET
(S-7) AND PIPE (P-4).

SPECIFIC NOTES

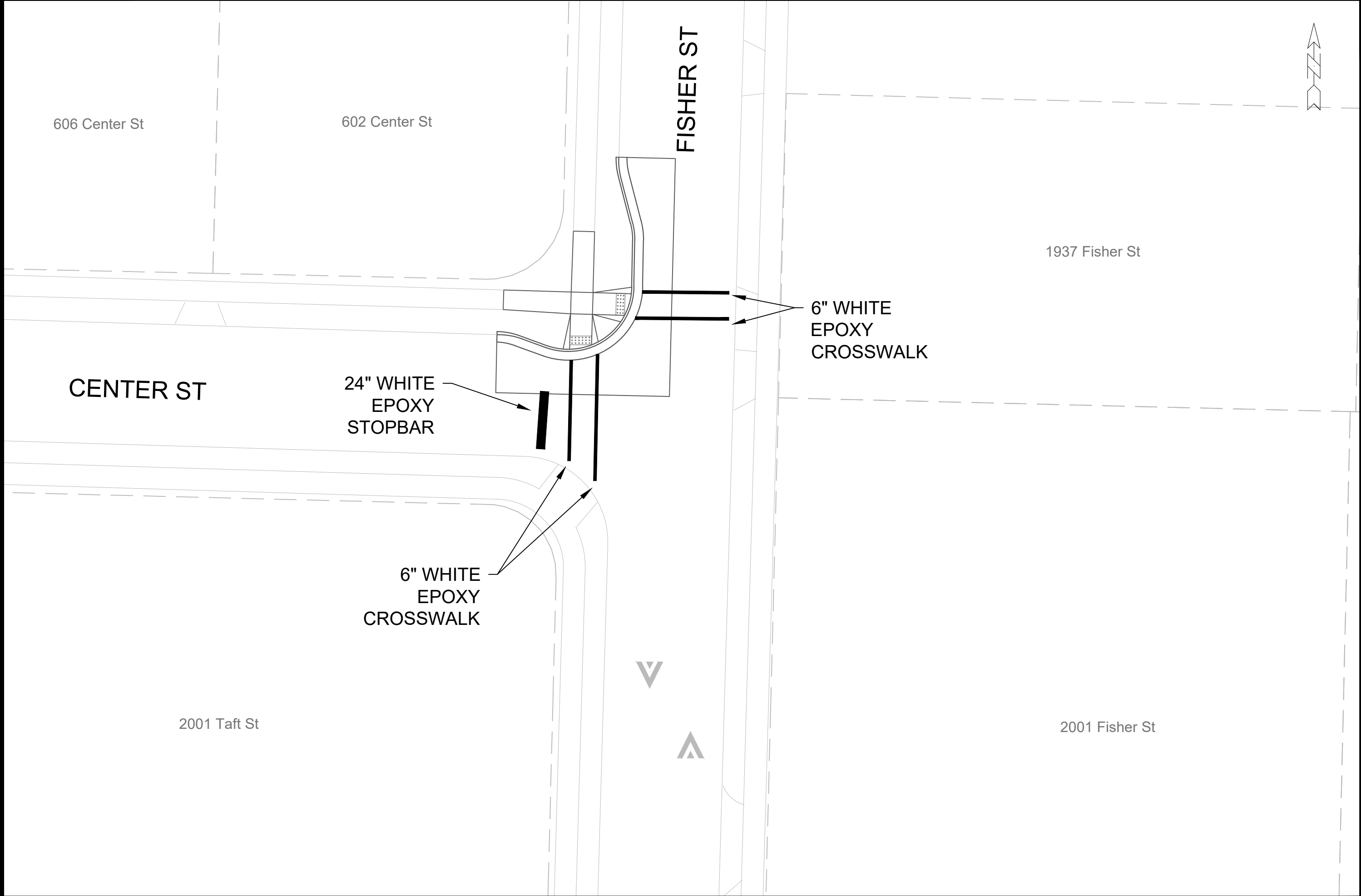
[1] TAP IN4963-017 TO CONNECT P-4

STANDARD NOTES:

- ABBREVIATIONS: AE = APRON ENDWALL; RCP = REINFORCED CONCRETE PIPE; HERCP = HORIZONTAL ELLIPTICAL REINFORCED CONCRETE PIPE; DNA = DOES NOT APPLY; SAS = SEWER ACCESS STRUCTURE; LP = LOW POINT INLET STRUCTURE; FP = FIELD POURED STRUCTURE; TR = TOP OF CONCRETE ROOF; NCM = NO CROWN MATCH FOR PIPES; UD = UNDERDRAIN
- TOP OF CASTING GRADE GIVEN IS THE TOP OF CURB FOR INLET STRUCTURES AND THE FLOWLINE OF THE CLOSED CASTING FOR SASs.
- TOP OF CONCRETE ROOF (TR) IS 1.25 BELOW TOP OF CASTING UNLESS OTHERWISE NOTED.
- ALL REINFORCED CONCRETE PIPES TO BE CLASS III UNLESS OTHERWISE NOTED.
- SURVEYOR TO CONFIRM THAT ALL INLET STATION / OFFSETS LINE UP WITH PROPOSED CURB AND GUTTER.
- ALL REBAR FOR FIELD POUR STRUCTURES SHALL BE EPOXY COATED. ANY EXPOSED STEEL SHALL BE TOUCHED UP OR RECOATED PRIOR TO USE.
- ALL FIELD POURED SAS STORM STRUCTURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD DETAIL DRAWING 5.7.3.
- ALL PRECAST SAS STORM STRUCTURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD DETAIL DRAWING 5.7.5.
- ALL STRUCTURES CALLED OUT AS FIELD POURED SHALL BE FIELD POURED. ALL OTHER STRUCTURES (NOT INDICATED AS FIELD POURED) SHALL BE SUBMITTED TO CITY ENGINEERING FOR APPROVAL IF PRECAST STRUCTURES ARE PREFERRED. CONTACT ERIN GETER OF CITY ENGINEERING AT (608) 266-4058 FOR PRECAST APPROVALS, FAX SHOP DRAWINGS TO (608)264-9275, OR EMAIL SHOP DRAWINGS TO EGETER@CITYOFMADISON.COM.



		15200 FS-5	
PAVEMENT MARKING PLAN - FISHER AND DANE SAFE STREETS 2025		15200	
MADISON, WI		8800	
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	15200		FS-5





15200
FS-6

PAVEMENT MARKING PLAN - FISHER AND CENTER

SAFE STREETS 2025

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MADISON, WI

8800

CONTRACT NO:

FS-6

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SANITARY SEWER SCHEDULE

SANITARY SEWER SCHEDULE

CITY OF MADISON

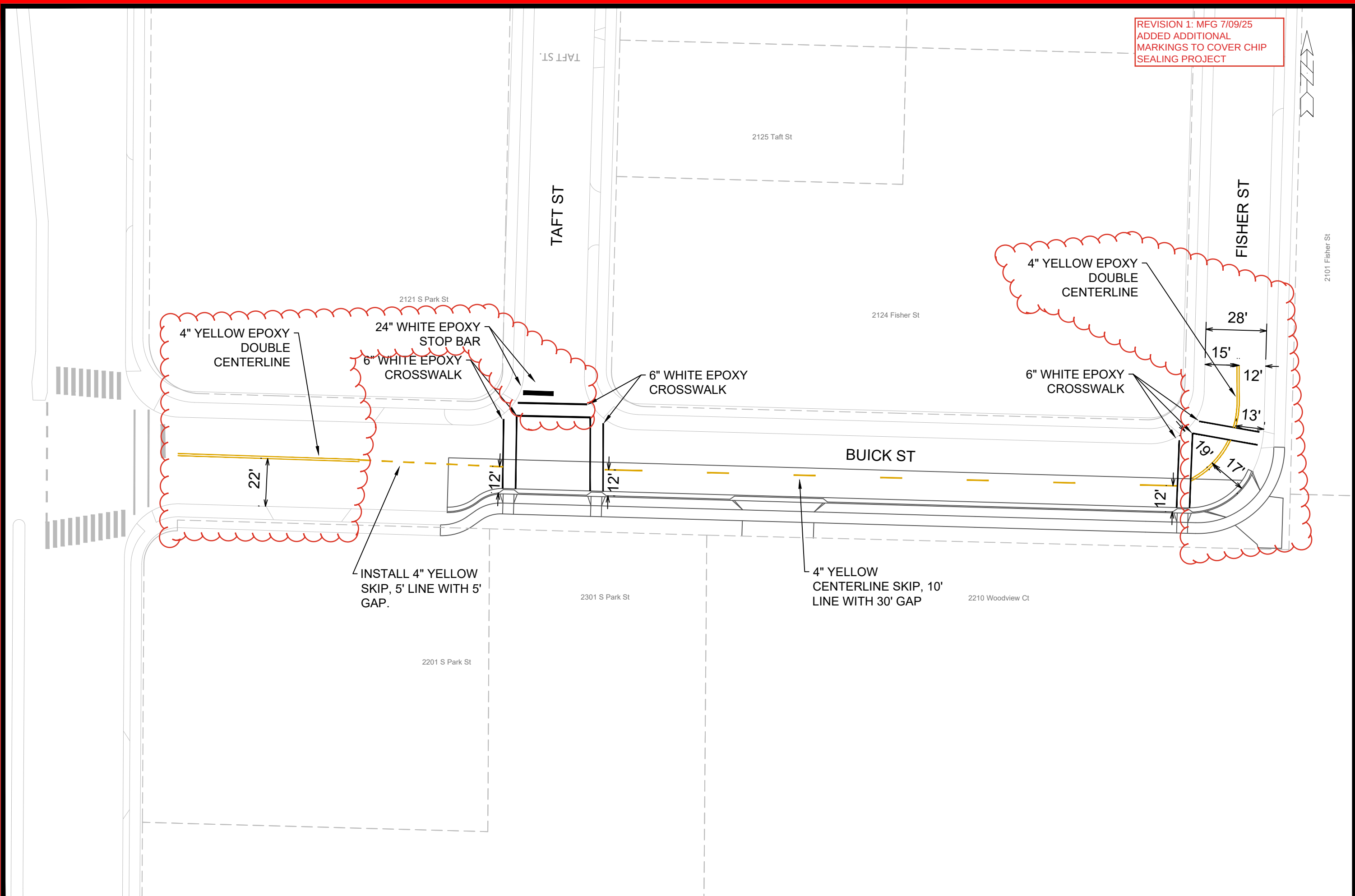
ADJUST EXISTING SANITARY STRUCTURES

SAS NO.	STATION	LOCATION (OFFSET)	TOC	PROP TOC	ADJ (FT)	NOTES
BUICK ST						
SAS4963-011	204+65.83	RT-11.61	890.69	890.59	0.10	[1]
SAS4963-010	202+29.28	RT-3.41	890.42	890.36	0.06	[1]

SPECIFIC NOTES

[1] MATCH PROPOSED SIDEWALK GRADE

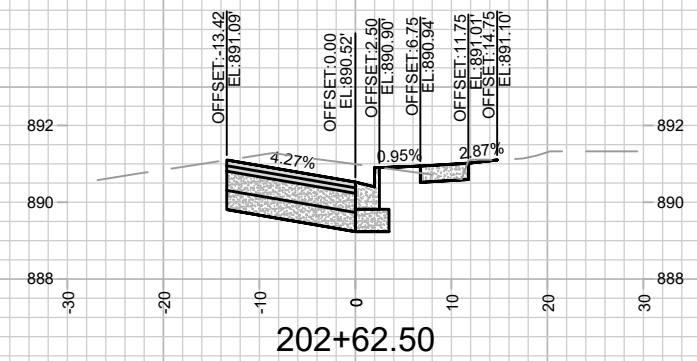
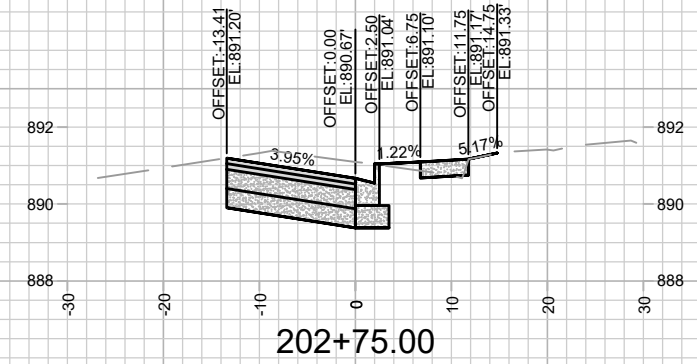
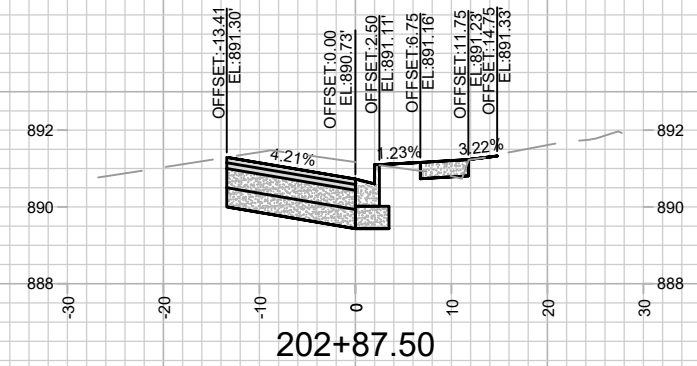
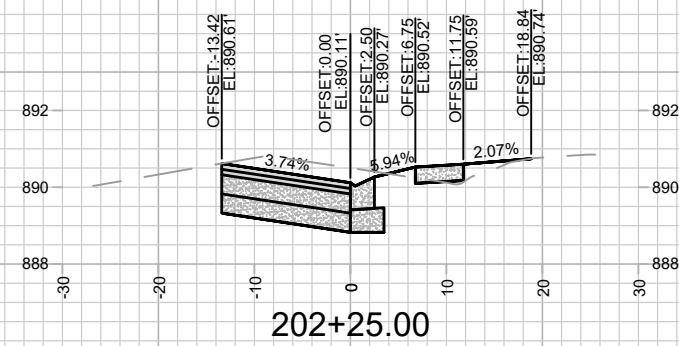
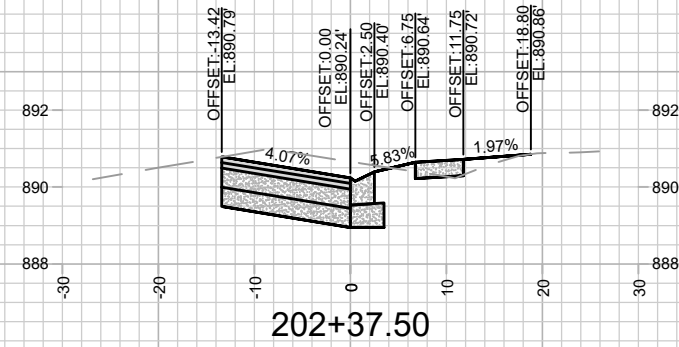
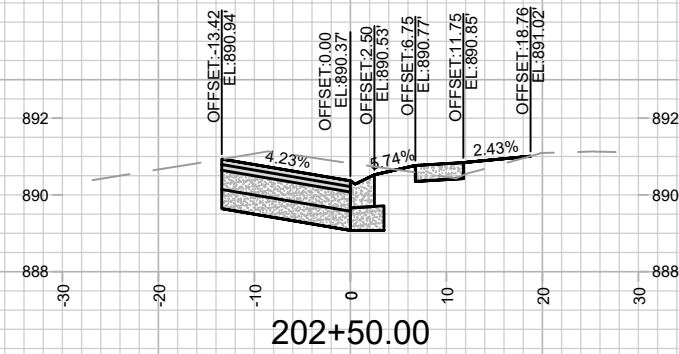
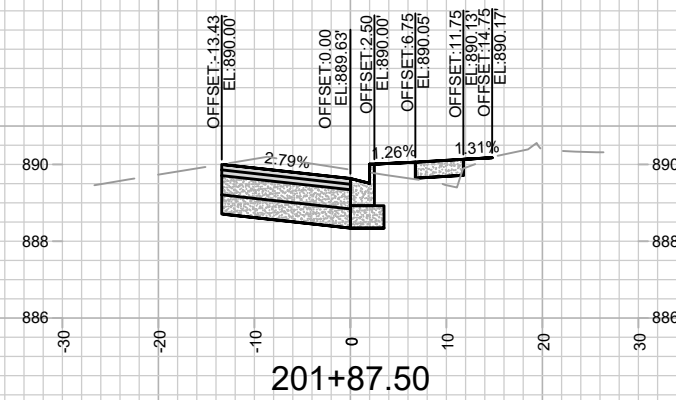
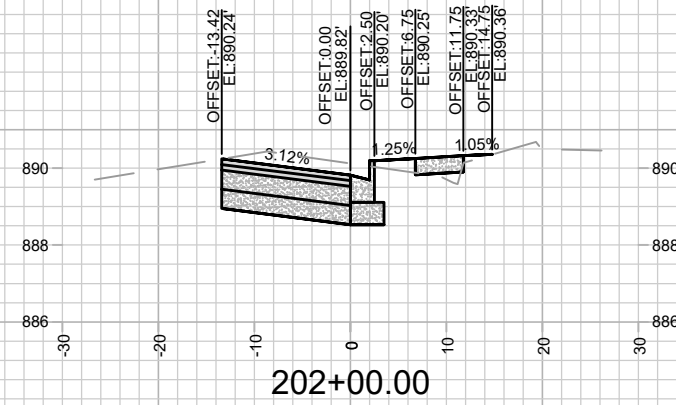
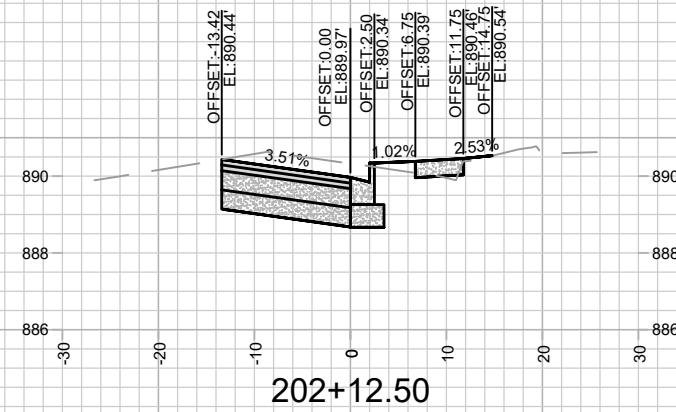
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STORM SEWER SCHEDULE															
CITY OF MADISON															
PROPOSED STORM STRUCTURES															
STRUC. NO.	STATION	LOCATION (OFFSET)	TYPE	TOP OF CASTING	E.I.	DEPTH	NOTES								
BUICK ST															
S-1	201+08.18	RT-1.88	4X4 STORM SAS	888.23	883.81	4.42	FP; W/R-3067-7004-V[1]								
S-1A	201+25.91	RT-16.90	H INLET	888.73	883.92	4.81	W/R-1878-B7G								
REMOVE STORM STRUCTURES															
STRUC. NO.	STRUC. ID	STATION	LOCATION (OFFSET)	TYPE	TOP OF CASTING	DEPTH	NOTES								
BUICK ST															
RS-1	AS4963-026	201+08.18	RT-1.88	3X3 SAS	888.04	4.16									
RS-1A	IN4963-027	201+04.52	RT-10.68	H-INLET	888.52	3.91									
RS-2	IN4963-029	202+02.10	RT-11.18	H-INLET	890.64	3.83									
ADJUST EXISTING STORM STRUCTURES															
STRUC. NO.	ID NO.	STATION	LOCATION (OFFSET)	EX TOC	PROP TOC	ADJ (FT)	NOTES								
BUICK ST															
ADJ S-1	AS4963-028	202+01.49	RT-1.50	890.10	890.22	0.12	[2][3]								
STORM SEWER ULOs															
ULO NO.	STATION	LOCATION (OFFSET)	TYPE					NOTES							
BUICK ST															
ULO1-FO	201+25.92	RT-16.11	BURIED FIBER OPTIC												

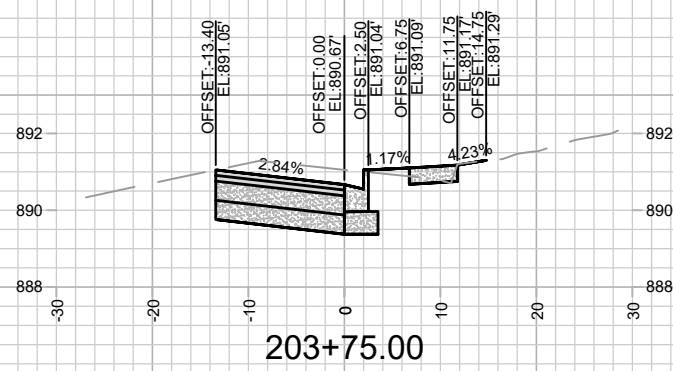
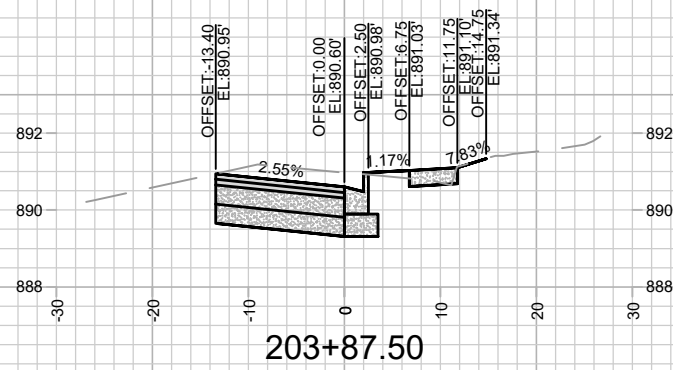
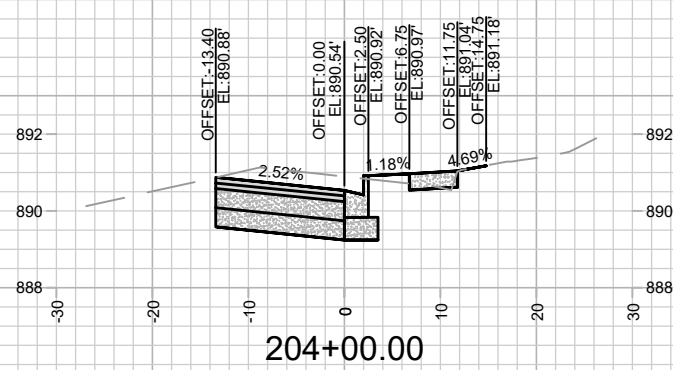
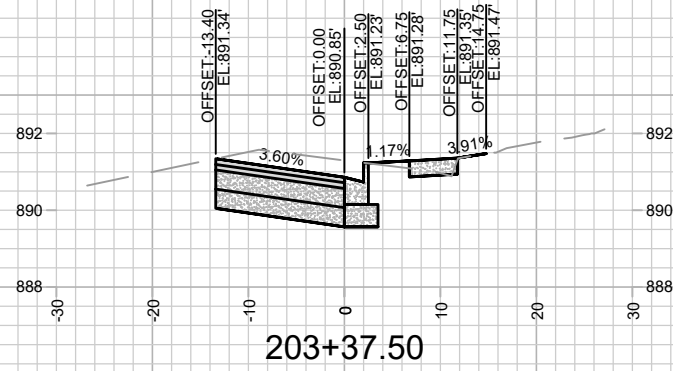
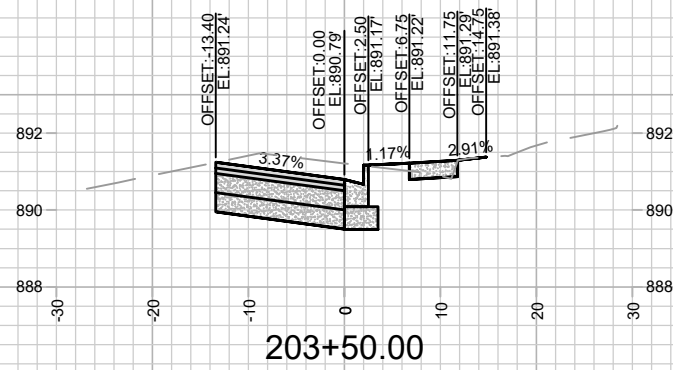
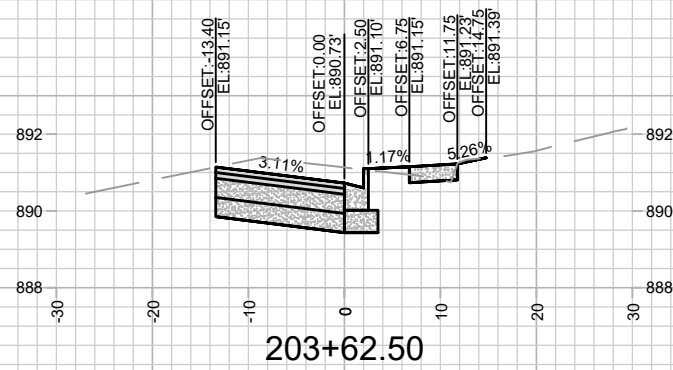
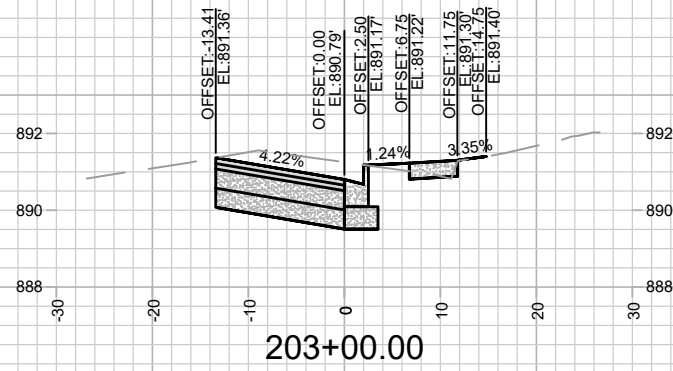
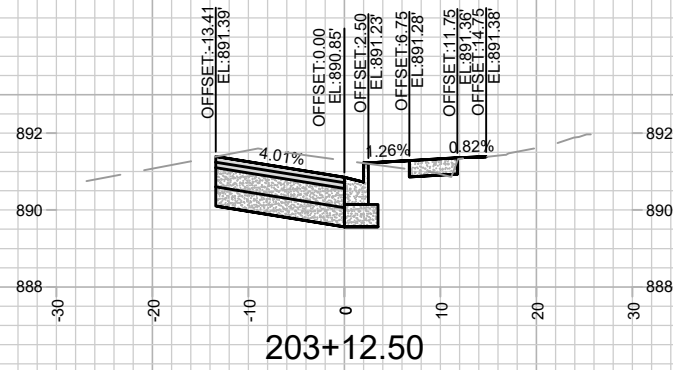
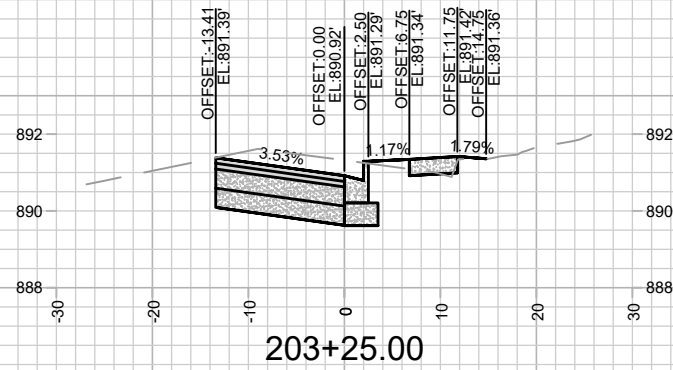


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PAVEMENT MARKING PLAN - BUICK ST
 SAFE STREETS 2025
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15200
 MADISON, WI
 CONTRACT NO: 8800



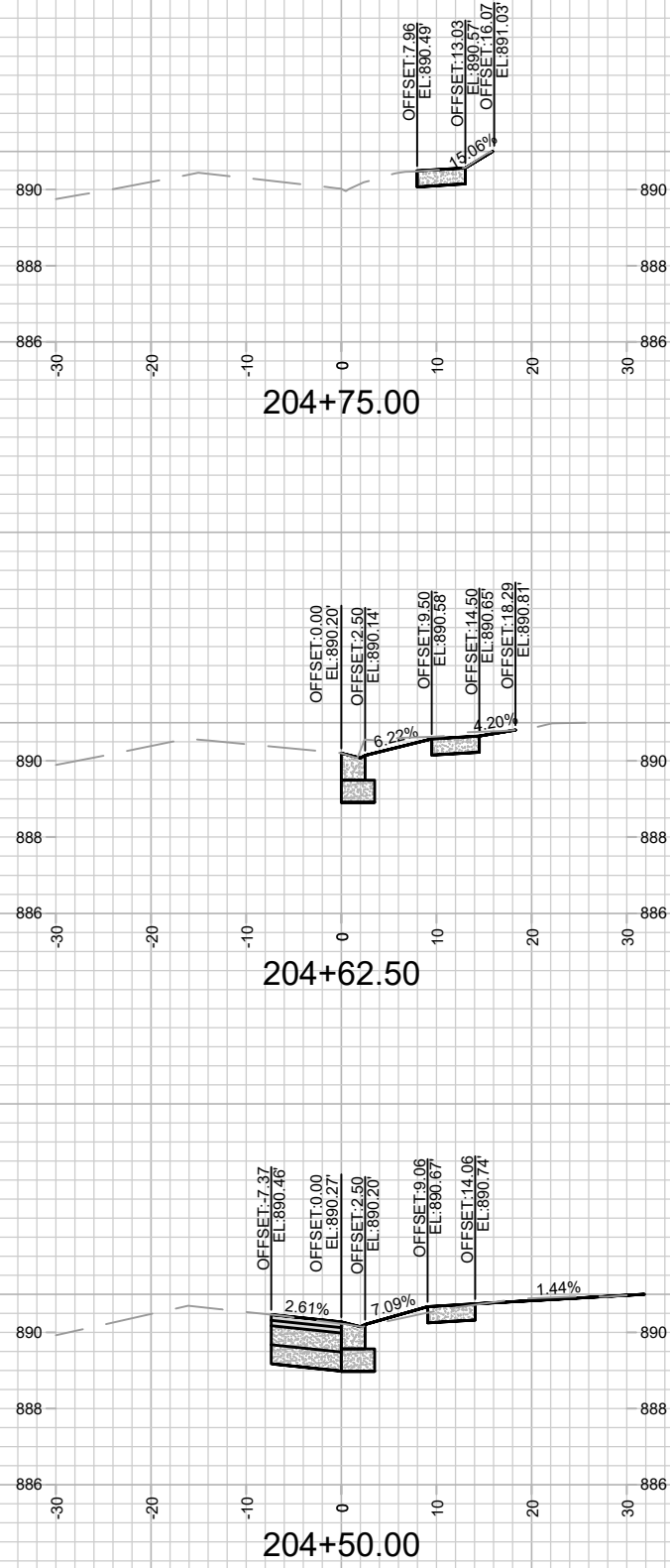
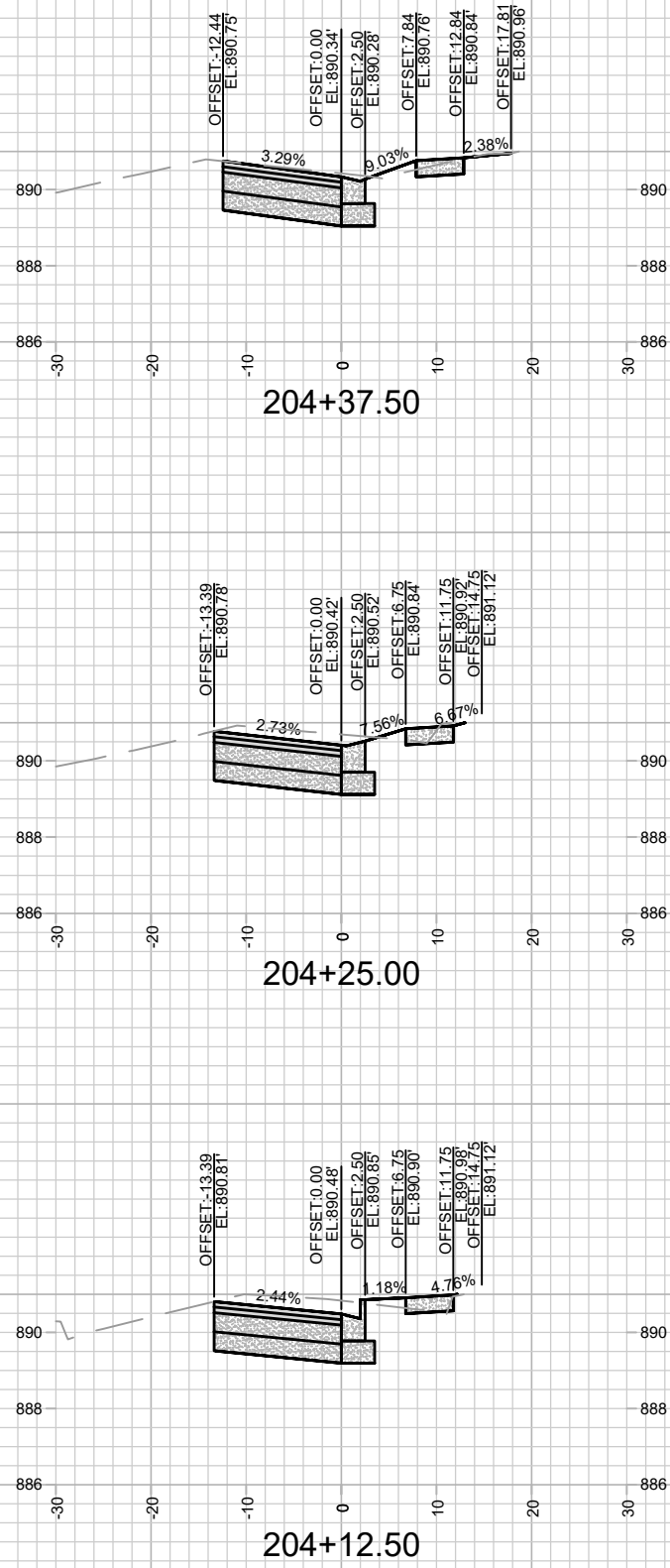


15200
BC-9

BUICK STREET SIDEWALK CROSS SECTIONS
SAFE STREETS 2025

15200
MADISON, WI
CONTRACT NO: 8800

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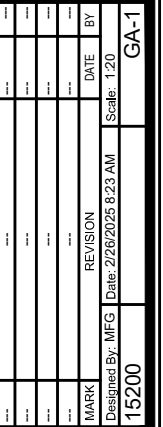
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BC-10

BUICK STREET SIDEWALK CROSS SECTIONS
SAFE STREETS 2025

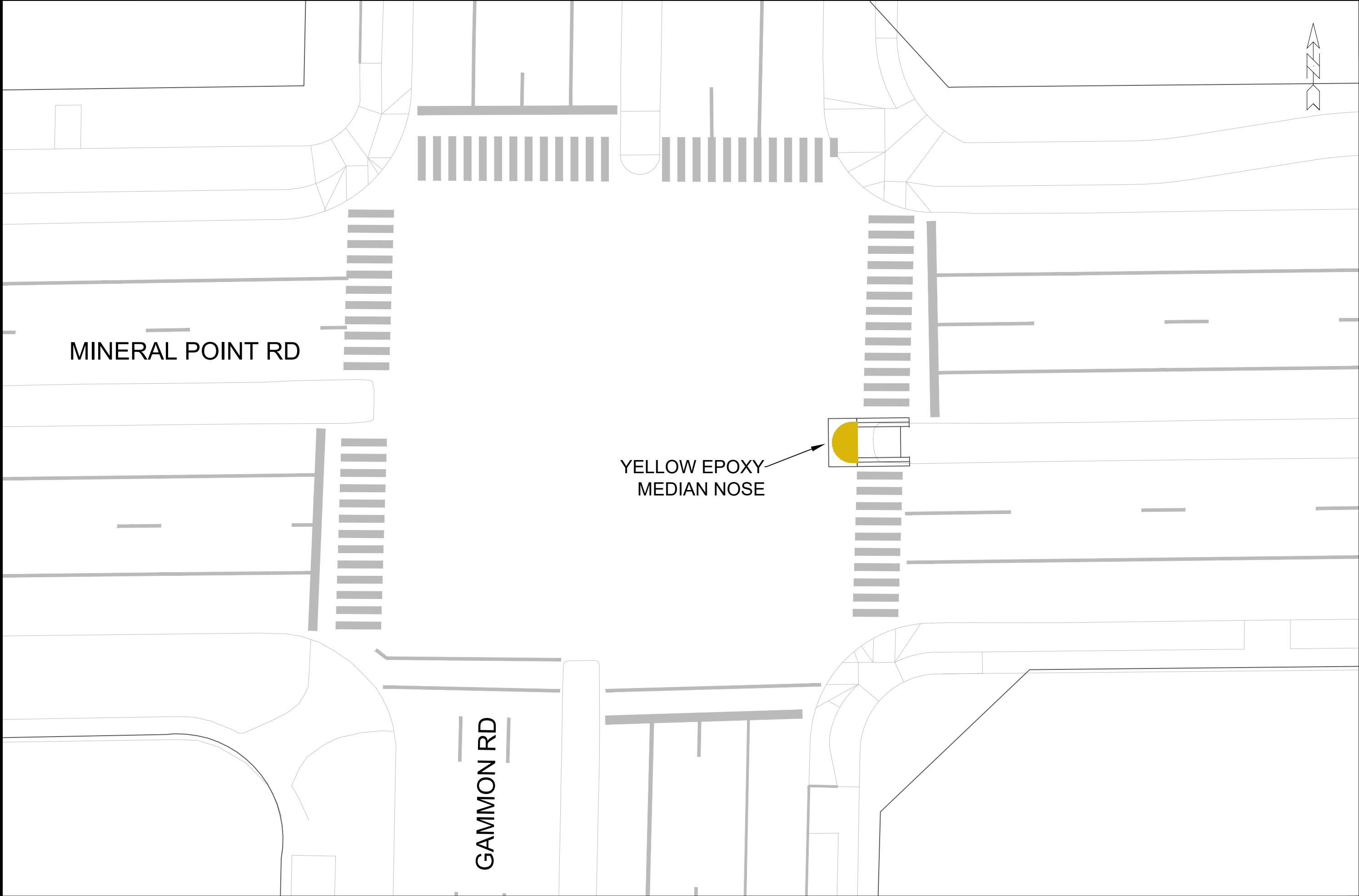
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15200
MADISON, WI
CONTRACT NO: 8800

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15200	15200	2/26/2025 6:23 AM	BC-10



15200
GA-1





15200
GA-2

PAVEMENT MARKING PLAN - MINERAL POINT RD AND GAMMON
SAFE STREETS 2025

15200
MADISON, WI

CONTRACT NO: 8800

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15200
15200

MARK

DESIGNED BY: MFG

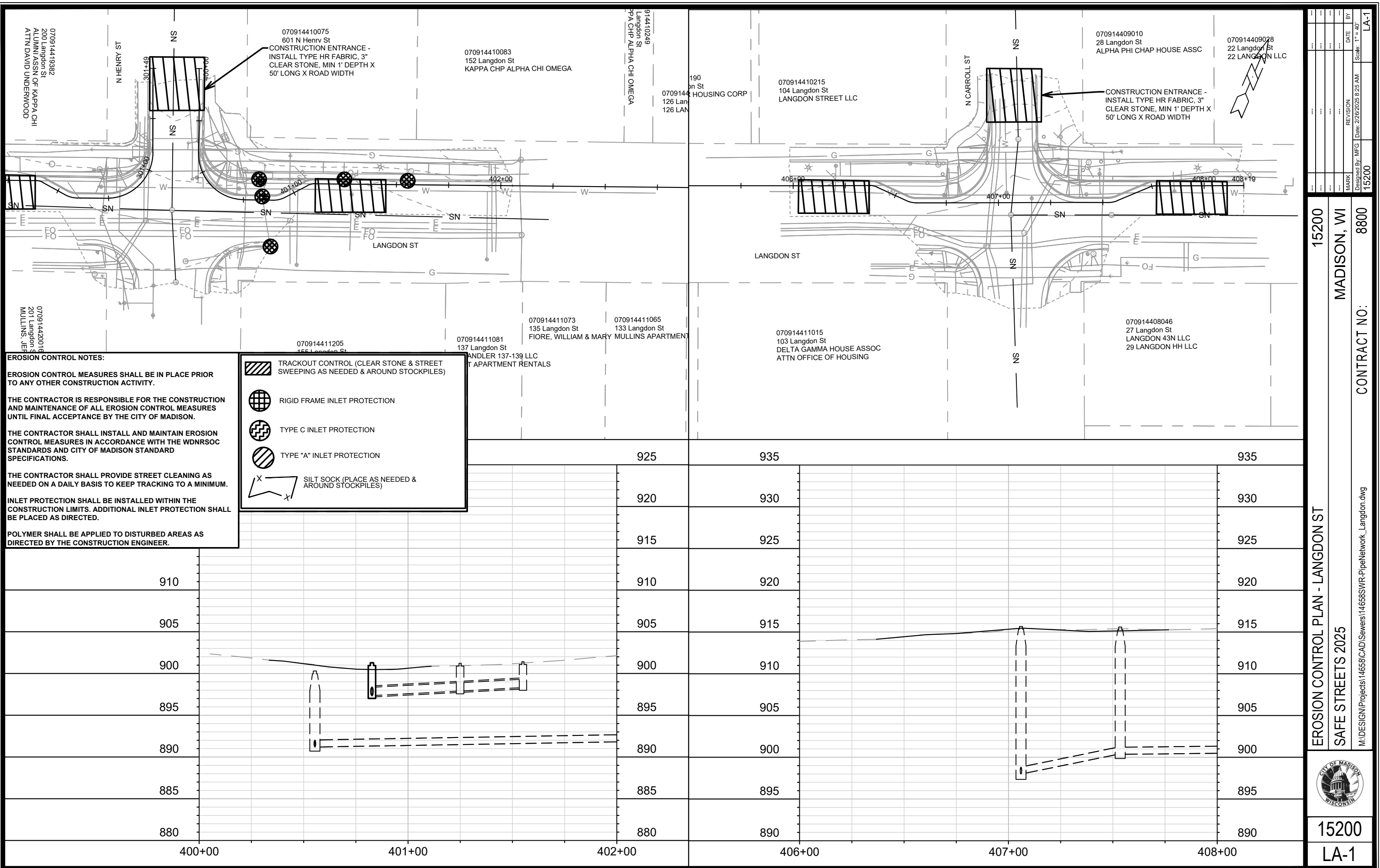
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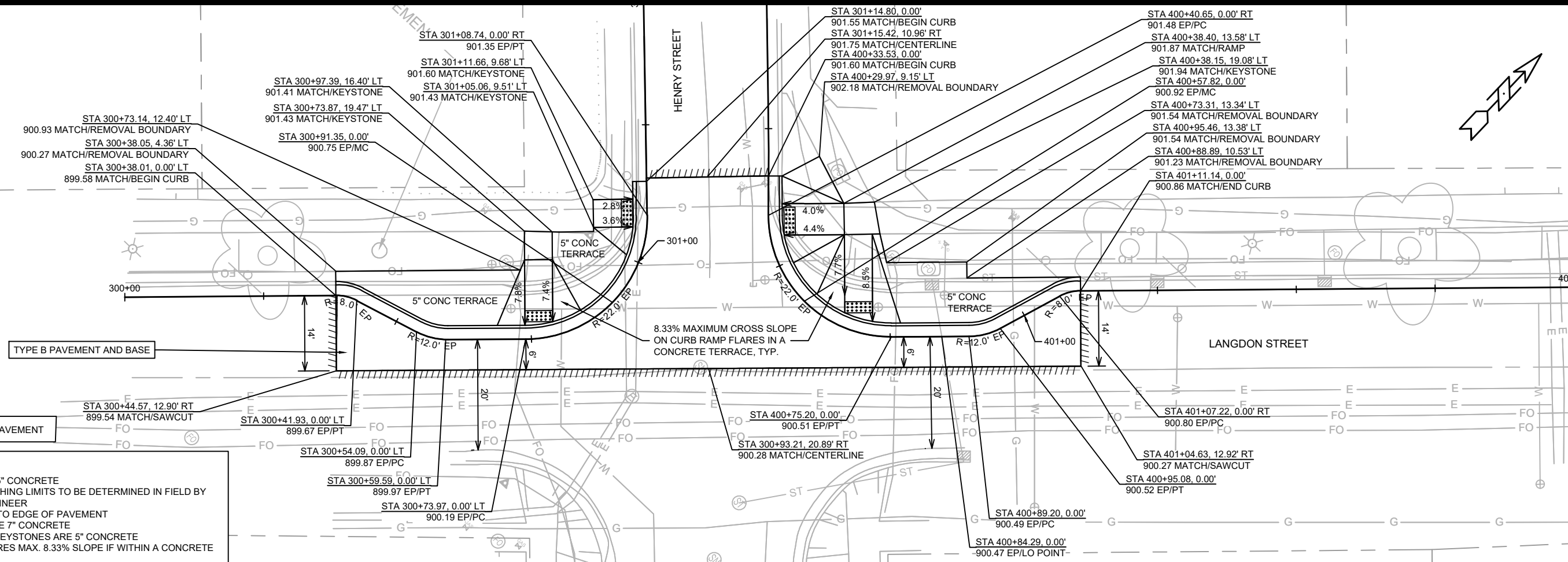
DATE

BY

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GA-2



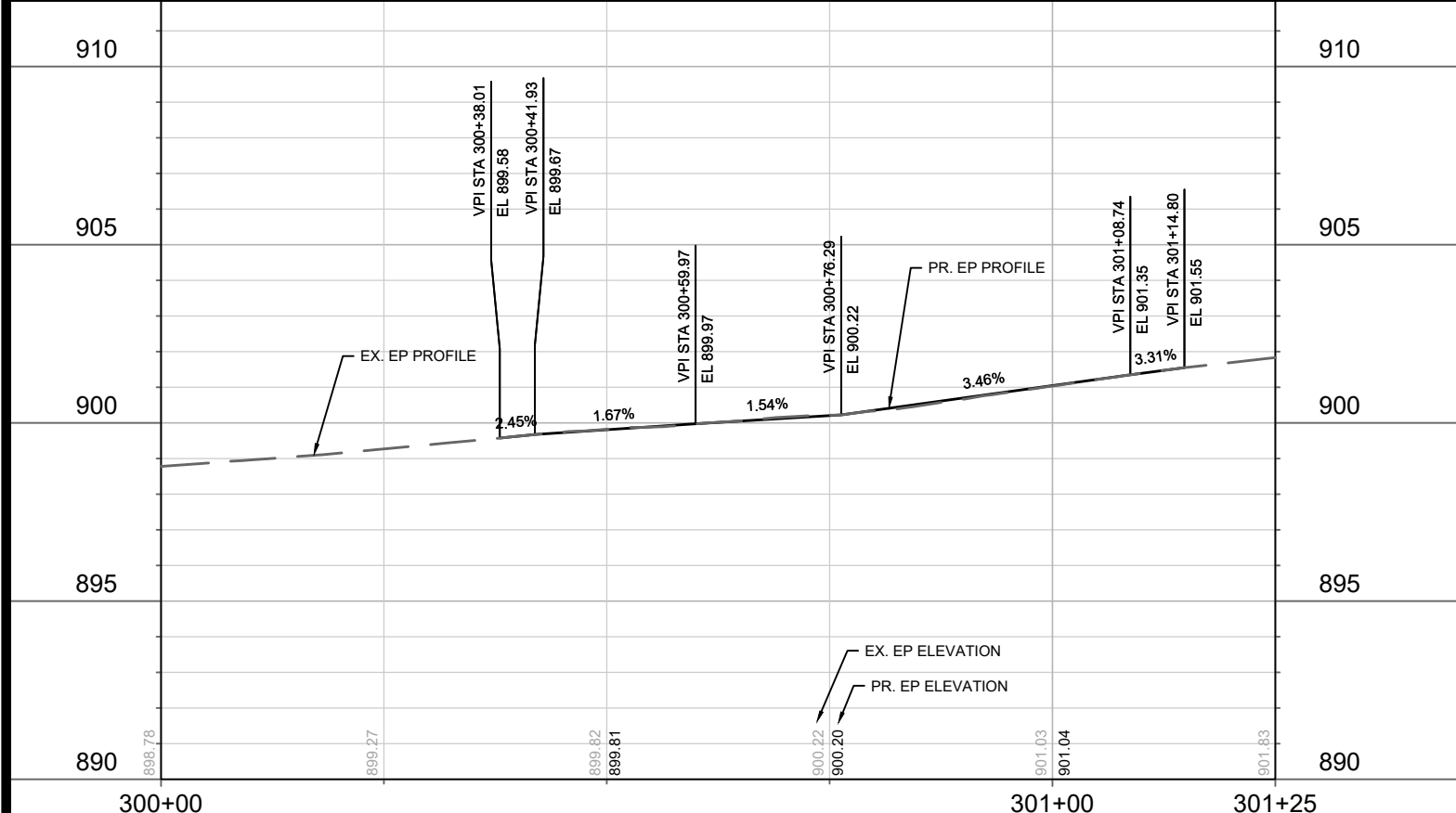


LEGEND

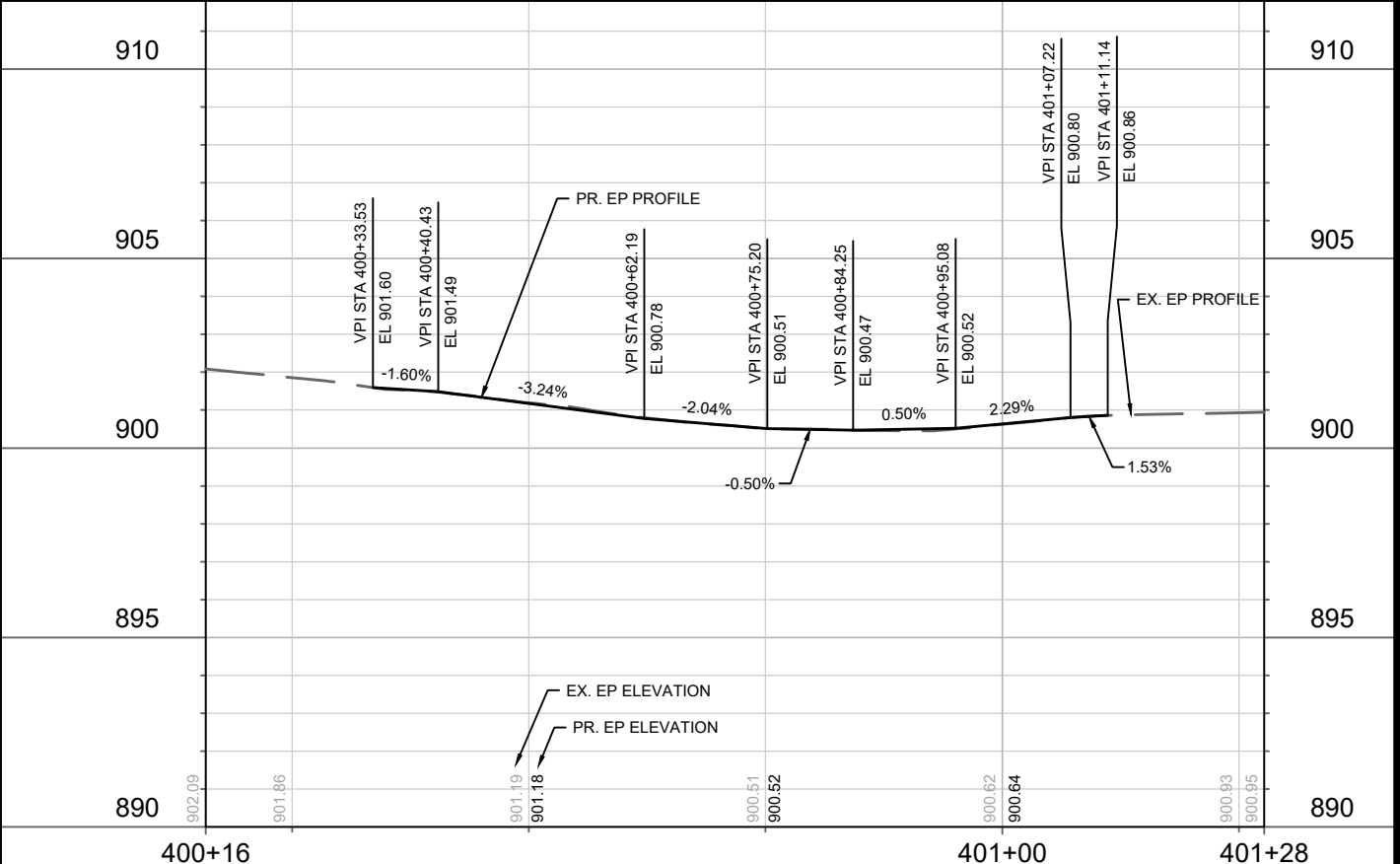
////// SAWCUT ASPHALT PAVEMENT

NOTES:

- ALL TERRACES ARE 5" CONCRETE
- FINAL ASPHALT PATCHING LIMITS TO BE DETERMINED IN FIELD BY CONSTRUCTION ENGINEER
- RADII DIMENSIONED TO EDGE OF PAVEMENT
- ALL CURB RAMPS ARE 7" CONCRETE
- ALL SIDEWALK AND KEYSTONES ARE 5" CONCRETE
- ALL CURB RAMP FLARES MAX. 8.33% SLOPE IF WITHIN A CONCRETE TERRACE



LANGDON/HENRY WEST CORNER



LANGDON/HENRY NORTH CORNER

15200	MADISON, WI	8800	CONTRACT NO:
LANGDON HENRY PLAN & PROFILE			
SAFE STREETS 2025			
M:\DESIGN\Projects\14658\CAD\Streets\14658EN-PnP_Langdon_Carroll_Henry.dwg			
15200			
LA-2			

BY	DATE	REVISION	DATE
LA-2	2/26/2025 8:26 AM		

SANITARY SEWER SCHEDULE

LANGDON HENRY CARROLL PROJECT NO. 15200	SHEET NO. LA-5
SANITARY SEWER SCHEDULE	
CITY OF MADISON	

ADJUST EXISTING SANITARY STRUCTURES

SAS NO.	STATION	LOCATION (OFFSET)	TOC	PROP TOC	ADJ (FT)	NOTES
LANGDON ST						
SAS4949-008	400+55.40	RT-21.87	900.30	900.30	0.00	[1]
SAS4948-049	407+06.01	RT-5.88	915.67	915.67	0.00	[1]
SAS4948-047	407+09.62	LT-30.36	914.28	914.28	0.00	[1]
SAS4948-048	407+53.54	RT-6.01	915.59	915.59	0.00	[1]

SPECIFIC NOTES

[1] MATCH NEW STREET GRADE

STORM SEWER SCHEDULE

LANGDON HENRY CARROLL

PROJECT NO. 15200

SHEET NO.

LA-6

STORM SEWER SCHEDULE

CITY OF MADISON

PROPOSED STORM STRUCTURES

STRUC. NO.	STATION	LOCATION (OFFSET)	TYPE	TOP OF CASTING	E.I.	DEPTH	NOTES
LANGDON ST							
S-2	400+84.29	LT-1.50	H-INLET	900.85	896.96	3.89	FP; LP; W/R-3067-7004-VB [1]

ADJUST EXISTING STORM STRUCTURES

STRUC. NO.	ID NO.	STATION	LOCATION (OFFSET)	EX TOC	PROP TOC	ADJ (FT)	NOTES
LANGDON ST							
ADJ S-2	IN4949-108	400+82.73	LT-9.22	900.70	901.28	0.58	[2]

SPECIFIC NOTES

[1] CONNECT TO EXISTING 12" RCP STORM PIPE

[2] ADJUST INLET AND PROVIDE NEW R-1878-B7L CASTING

STANDARD NOTES:

- ABBREVIATIONS: AE = APRON ENDWALL; RCP = REINFORCED CONCRETE PIPE; HERCP = HORIZONTAL ELLIPTICAL REINFORCED CONCRETE PIPE; DNA = DOES NOT APPLY; SAS = SEWER ACCESS STRUCTURE; LP = LOW POINT INLET STRUCTURE; FP = FIELD POURED STRUCTURE; TR = TOP OF CONCRETE ROOF; NCM = NO CROWN MATCH FOR PIPES; UD = UNDERDRAIN

- TOP OF CASTING GRADE GIVEN IS THE TOP OF CURB FOR INLET STRUCTURES AND THE FLOWLINE OF THE CLOSED CASTING FOR SASs.

- TOP OF CONCRETE ROOF (TR) IS 1.25 BELOW TOP OF CASTING UNLESS OTHERWISE NOTED.

- ALL REINFORCED CONCRETE PIPES TO BE CLASS III UNLESS OTHERWISE NOTED.

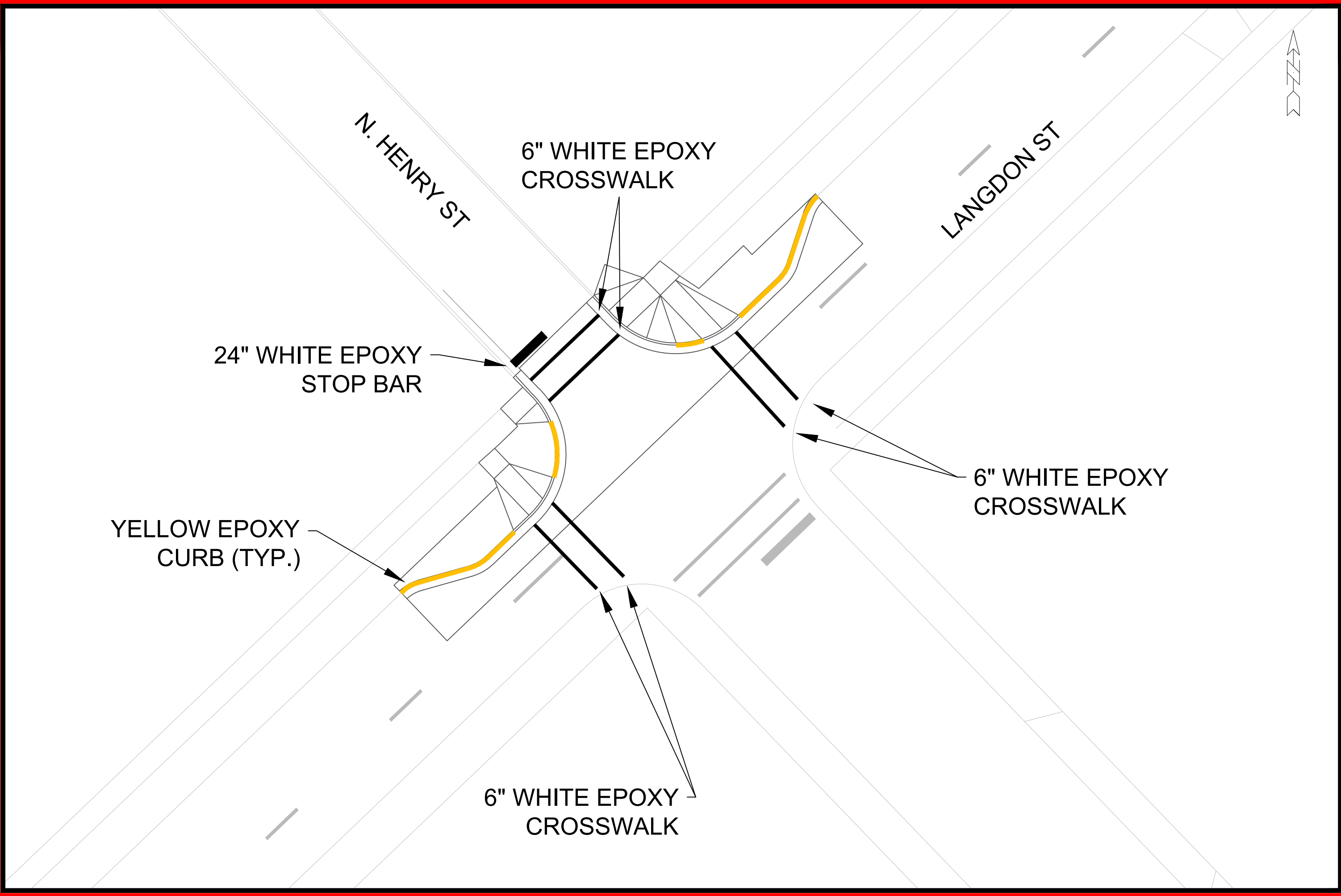
- SURVEYOR TO CONFIRM THAT ALL INLET STATION / OFFSETS LINE UP WITH PROPOSED CURB AND GUTTER.

-ALL REBAR FOR FIELD POUR STRUCTURES SHALL BE EPOXY COATED. ANY EXPOSED STEEL SHALL BE TOUCHED UP OR RECOATED PRIOR TO USE.

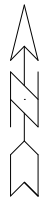
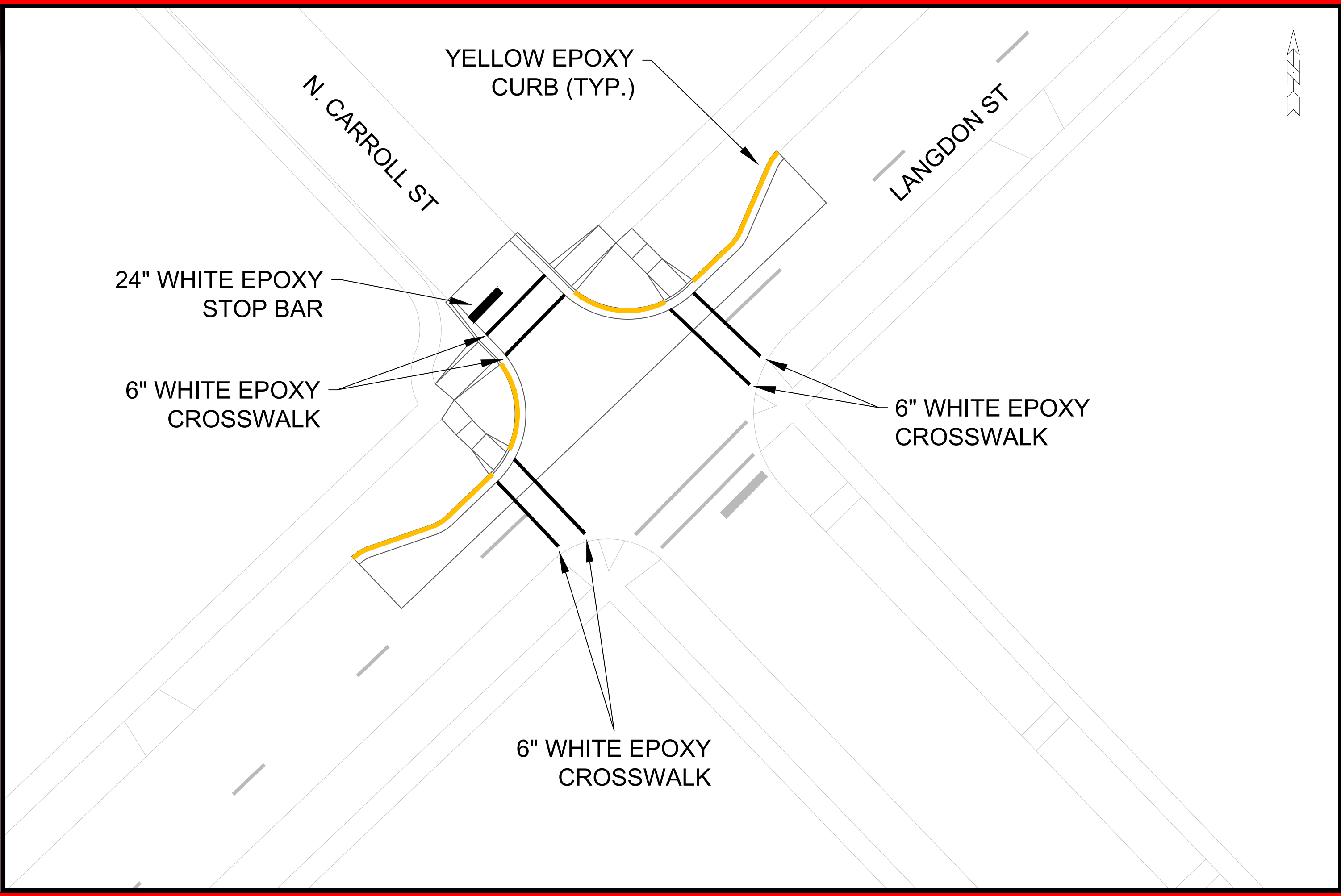
-ALL FIELD POURED SAS STORM STRUCTURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD DETAIL DRAWING 5.7.3.

-ALL PRECAST SAS STORM STRUCTURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD DETAIL DRAWING 5.7.5.

- ALL STRUCTURES CALLED OUT AS FIELD POURED SHALL BE FIELD POURED. ALL OTHER STRUCTURES (NOT INDICATED AS FIELD POURED) SHALL BE SUBMITTED TO CITY ENGINEERING FOR APPROVAL IF PRECAST STRUCTURES ARE PREFERRED. CONTACT ERIN GETER OF CITY ENGINEERING AT (608) 266-4058 FOR PRECAST APPROVALS, FAX SHOP DRAWINGS TO (608)264-9275, OR EMAIL SHOP DRAWINGS TO EGETER@CITYOFMADISON.COM.



PAVEMENT MARKING PLAN - LANGDON AND HENRY		15200	
SAFE STREETS 2025		MADISON, WI	
M:\DESIGN\Projects\14658\CAD\Traffic\14658TE-Langdon & Carroll-Henry.dwg		CONTRACT NO: 8800	
CITY OF MADISON WISCONSIN		LA-7	
MARK	REVISION	DATE	BY
15200	2/26/2025 8:26 AM	1" = 20'	LA-7



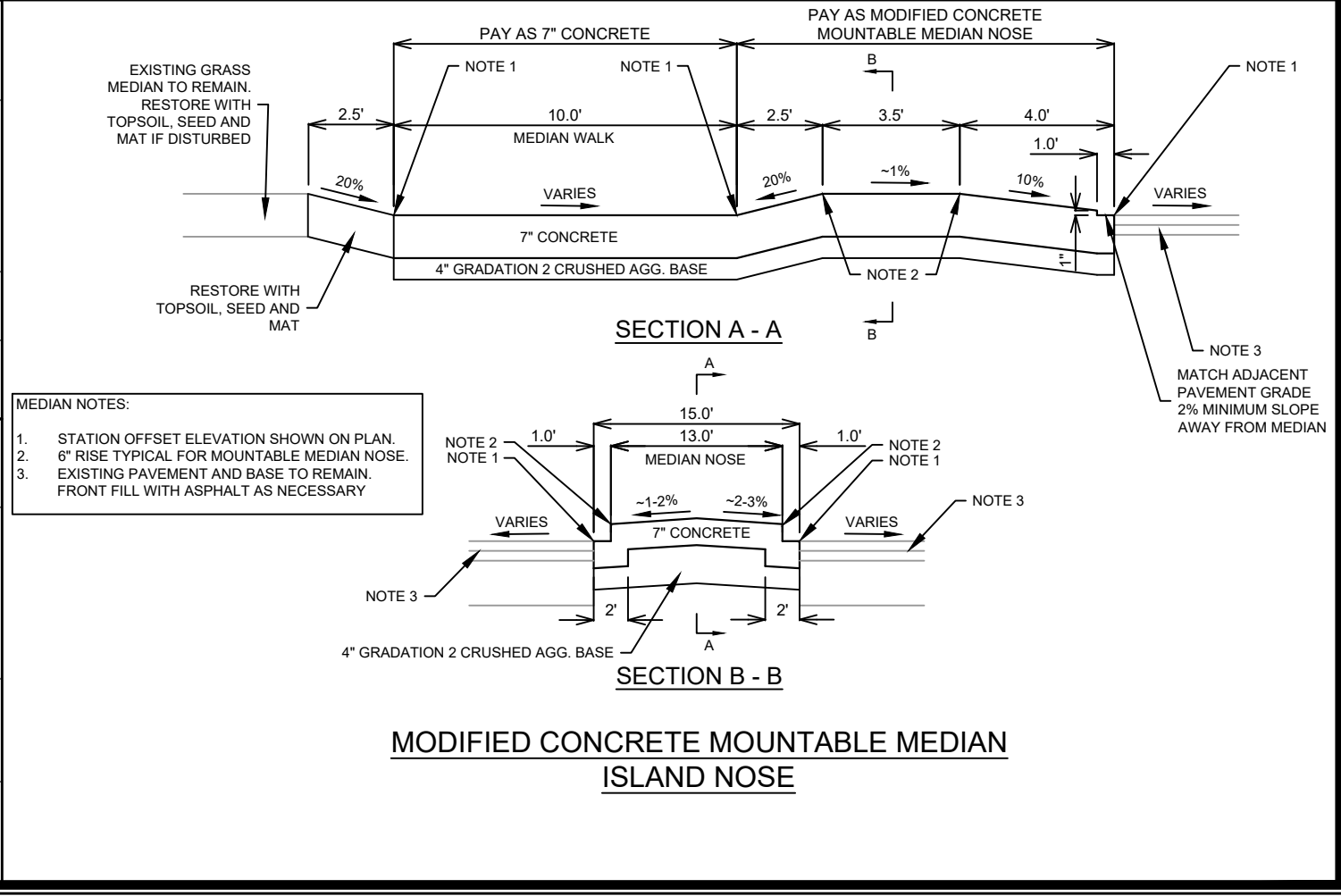
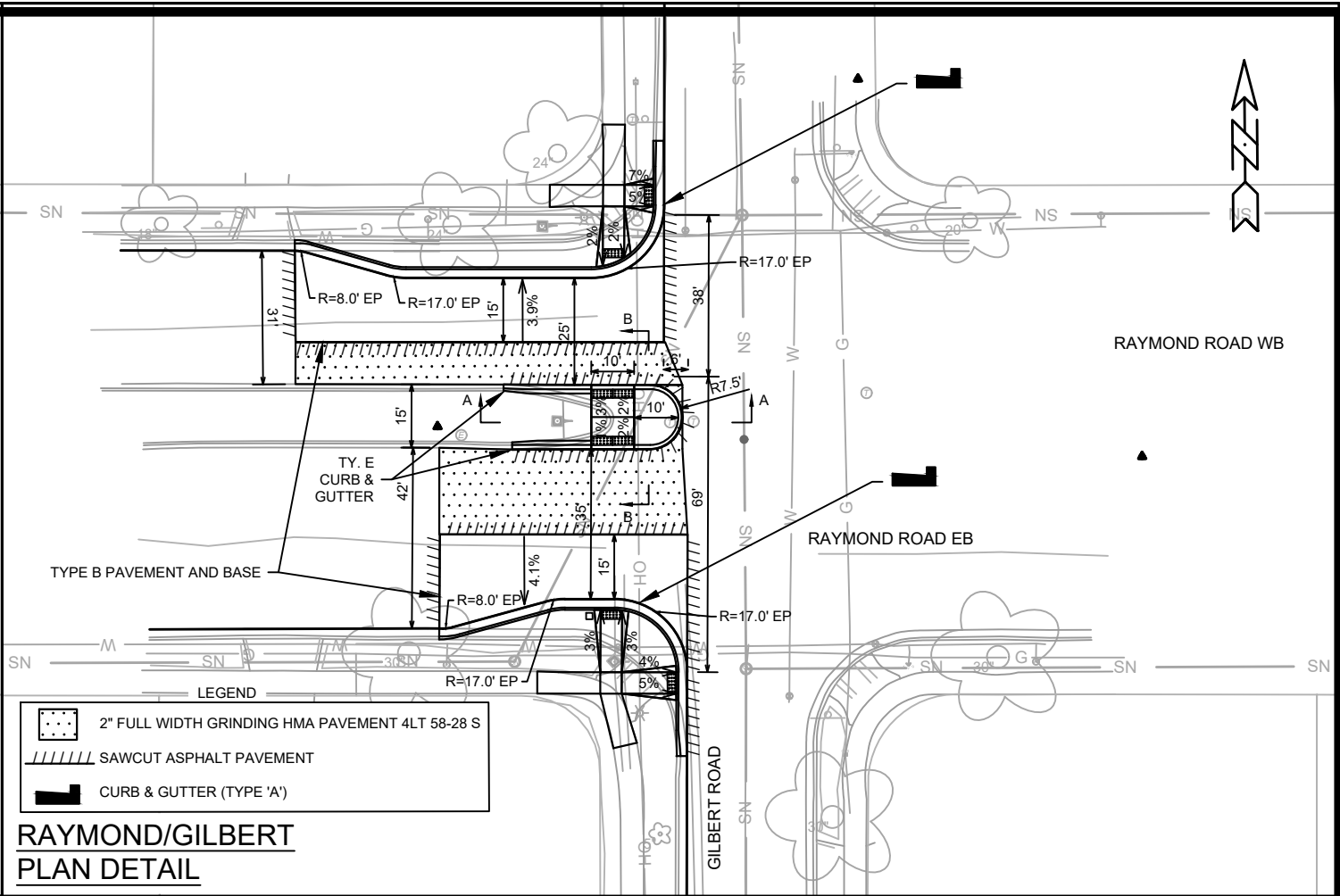
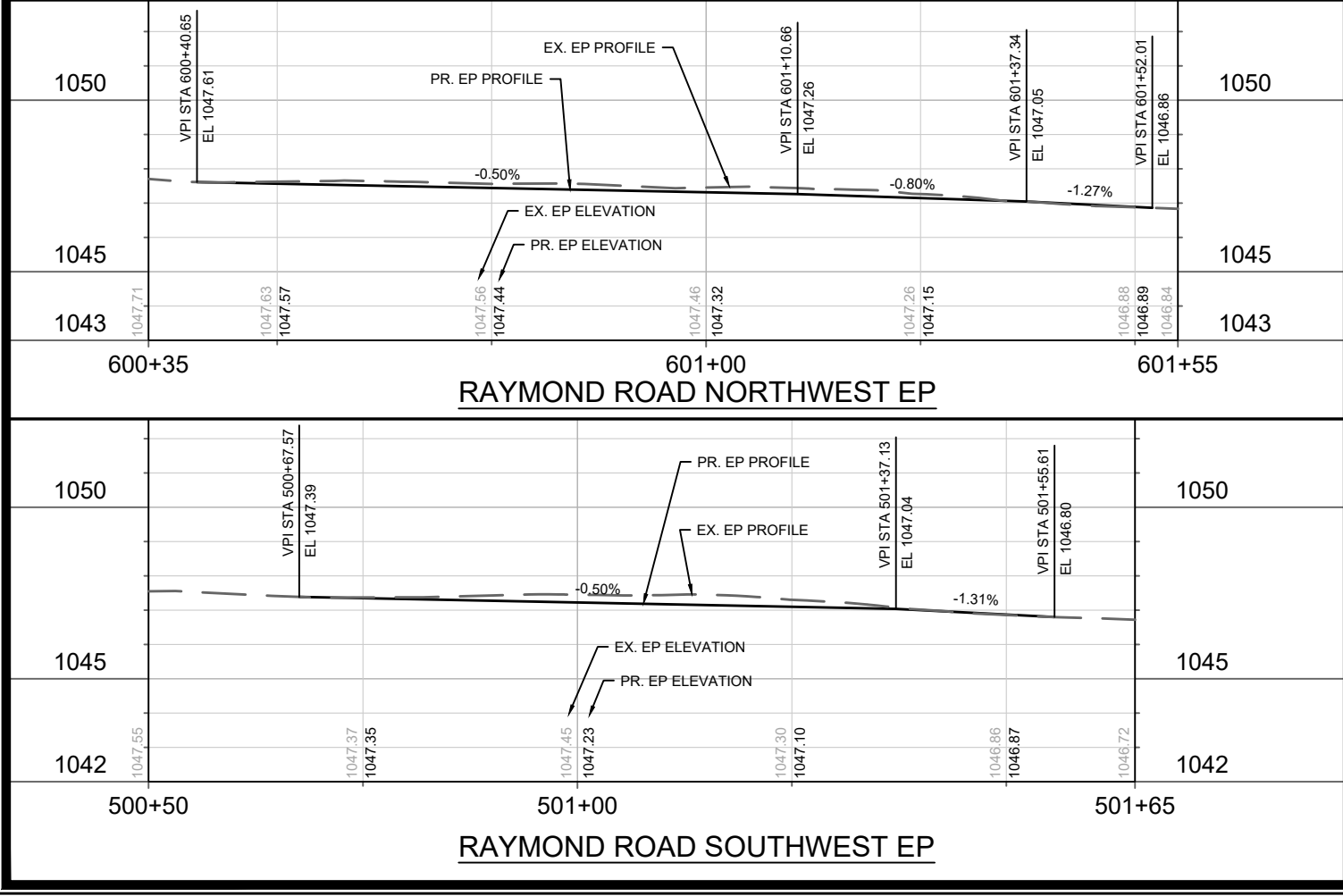
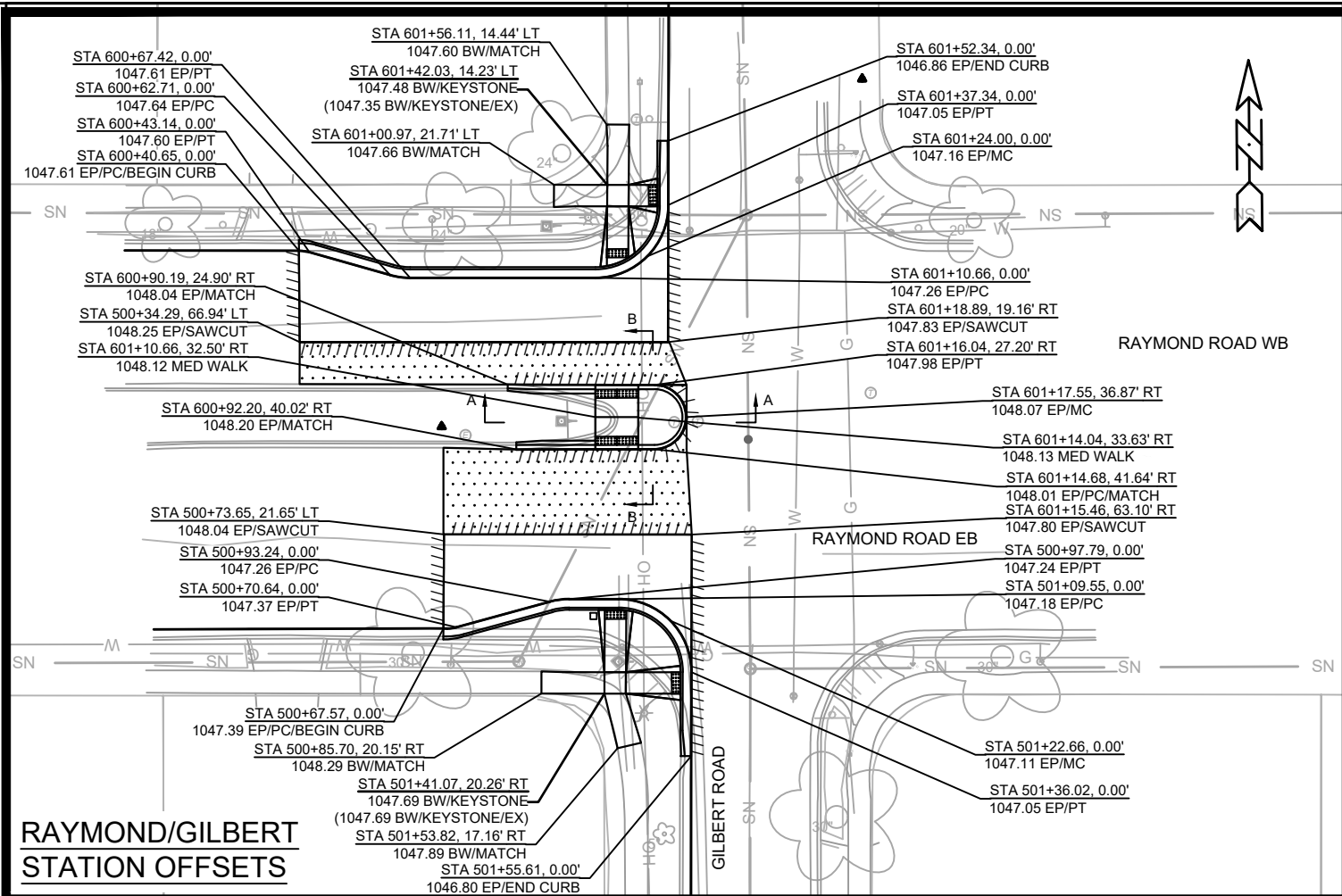
	PAVEMENT MARKING PLAN - LANGDON AND CARROLL		15200	
	SAFE STREETS 2025		MADISON, WI	
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		Designed By: MFG	Date: 2/26/2025 8:27 AM	Scale: 1" = 20'
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POLYMER SHALL BE APPLIED TO DISTURBED AREAS AS DIRECTED BY THE CONSTRUCTION ENGINEER.



SILT SOCK (PLACE AS NEEDED & AROUND STOCKPILES)

15200
RA-1



15200	MADISON, WI	8800	CONTRACT NO:
RAYMOND GILBERT PLAN & PROFILE			
SAFE STREETS 2025			
15200			
RA-2			

RA-2

15200

8800

CONTRACT NO:

MADISON, WI

RAYMOND GILBERT PLAN & PROFILE

SAFE STREETS 2025

15200

RA-2

GENERAL NOTES

TS #1

1. INSTALL GR-BASE, 15' SIGNAL POLE, AND APS PEDESTRIAN PUSH BUTTON, SINGLE ARROW.
2. INSTALL SIGNS AS SHOWN IN DETAIL.
3. INSTALL SOLAR PANEL AND DC CONVERTER ON POLE.

TS #2

1. INSTALL LB-8R BASE, 20' 7GA POLE, 20FT TROMBONE ARM, AND APS PEDESTRIAN PUSH BUTTON, DOUBLE ARROW.
2. INSTALL SIGNS AS SHOWN IN DETAIL.
3. INSTALL SOLAR PANEL AND DC CONVERTER ON POLE.

TS#3

1. INSTALL LB-8R BASE, 20' 7GA POLE, 20FT TROMBONE ARM, AND APS PEDESTRIAN PUSH BUTTON, SINGLE ARROW.
2. INSTALL SIGNS AS SHOWN IN DETAIL.
3. INSTALL SOLAR PANEL AND DC CONVERTER ON POLE.

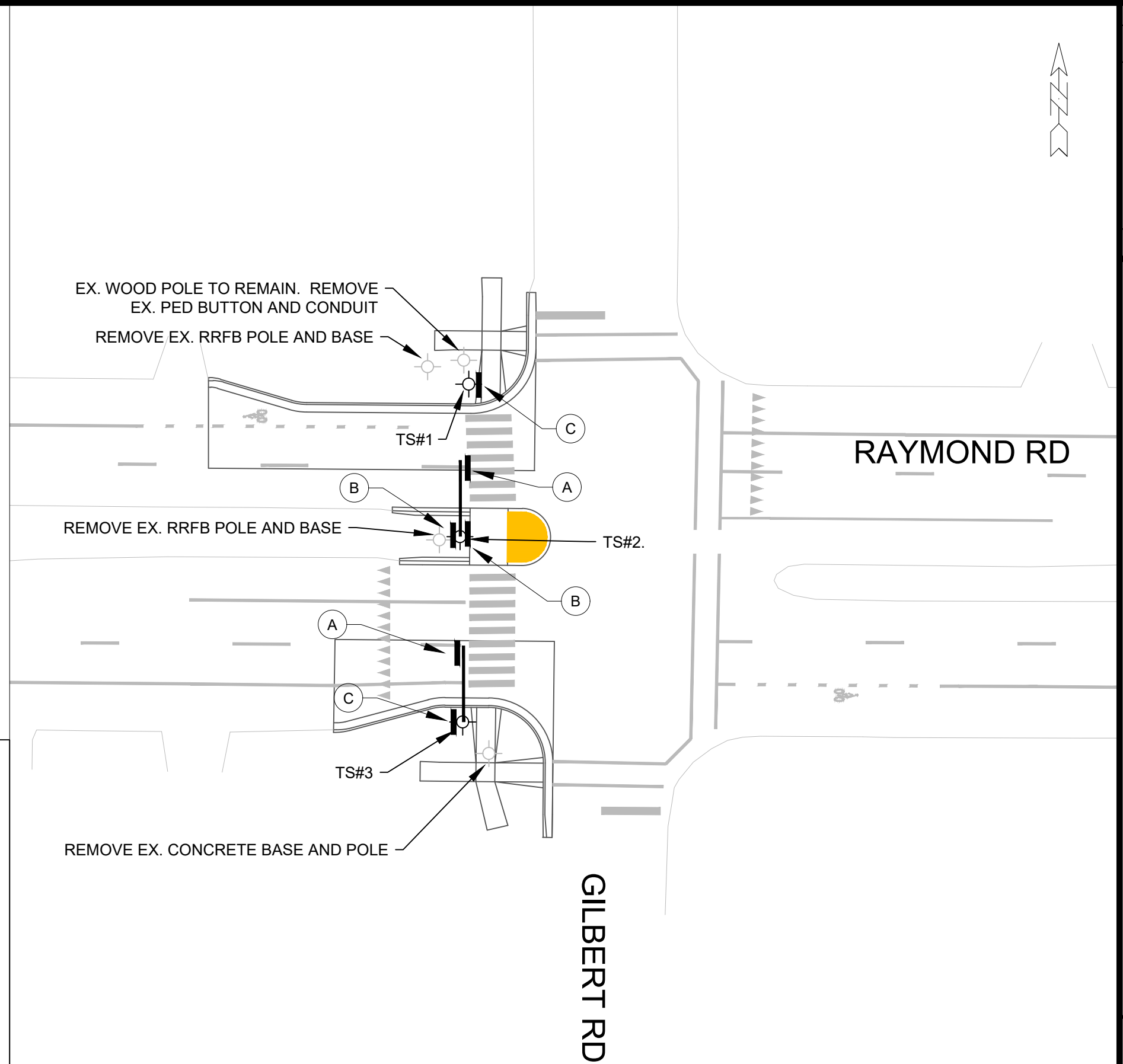
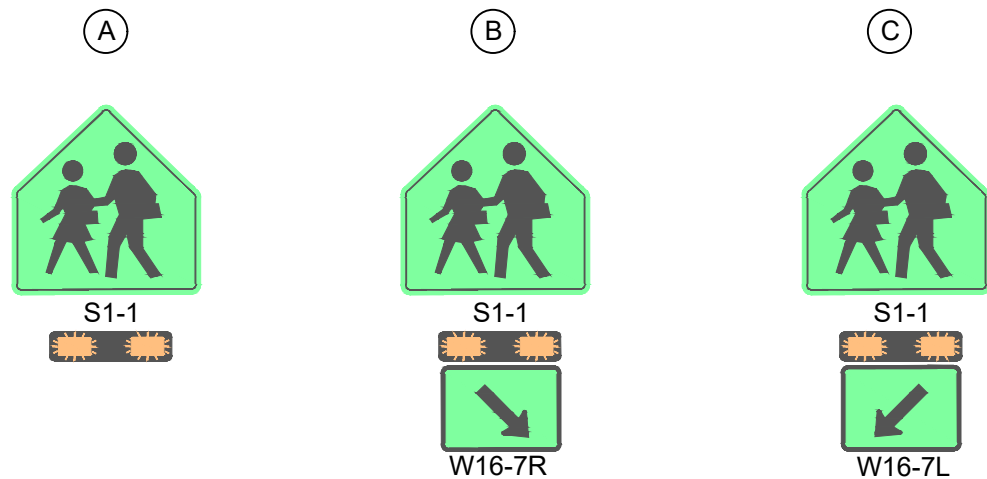
NOTES:

1. REUSE EXISTING SIGNS, POLES, AND TROMBONE ARMS IF POSSIBLE.
2. PAVEMENT MARKINGS BY OTHERS.
3. CONTRACTOR TO USE CARMANAH SYSTEM OR EQUIVALENT IF REPLACEMENT PARTS ARE NEEDED.
4. SALVAGE ALL RRFB EQUIPMENT AND RETURN TO SAYLE ST TE SHOP.
5. PROGRAM FLASH TIME TO 20 SECONDS

BASES SHALL BE LOCATED IN THE FIELD BY LUKAS COLLINS (608-261-9625)

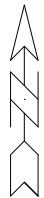
Contractor shall conform to the 2019 Work Zone Safety Guidelines for Construction, Maintenance & Utility Operations booklet.

SIGN CONFIGURATION DETAILS



	15200	RRFB - RAYMOND AND GILBERT	15200
	RA-3	SAFE STREETS 2025	CITY OF MADISON
		M:\DESIGN\Projects\14658\CAD\Traffic\RRFB - Raymond and Gilbert.dwg CONTRACT NO: 8800 15200	
Designed By: LUC Date: 7/25/2025 8:27 AM Scale: 1" = 30' 15200		MARK REVISION DATE BY RA-3	

														COMMENTS	
		60416	60417	60243	60424	90011	90013	90017	90038	90038	90040	90016	90020		
		FURNISH & INSTALL		REMOVE		FURNISH & INSTALL									FURNISH & INSTALL
		TYPE LB-8R BASE (EACH)	TYPE GR BASE (EACH)	TRAFFIC SIGNAL POLE (EACH)	TRAFFIC SIGNAL BASE (EACH)	20-FT, 7 GUAGE POLE (EACH)	TRAFFIC SIGNAL POLE (EACH)	20-FT TROMBONE ARM (EACH)	ACC PED PUSH BUTTON, SINGLE ARROW (EACH)	ACC PED PUSH BUTTON, DOUBLE ARROW (EACH)	PEDESTAL BASES (EACH)	6-SIGN RRFB SYSTEM (EACH)	POST MOUNTED RRFB SYSTEM (EACH)		
RAYMOND AND GILBERT	STRUCTURE														
	TS1	-	1	1	1	-	1	-	1	-	1	1	-	PEDESTAL BASES TO BE WISDOT ITEM 657.0100	
	TS2	1	-	1	1	1	-	1	-	1	-	-	-		
	TS3	1	-	1	1	1	1	1	1	-	-	-	-	20-FT TROMBONE ARM TO BE WISDOT ITEM 657.0595	
SUBTOTAL		2	1	3	3	2	2	2	2	1	1	1	0		





15200
RA-4

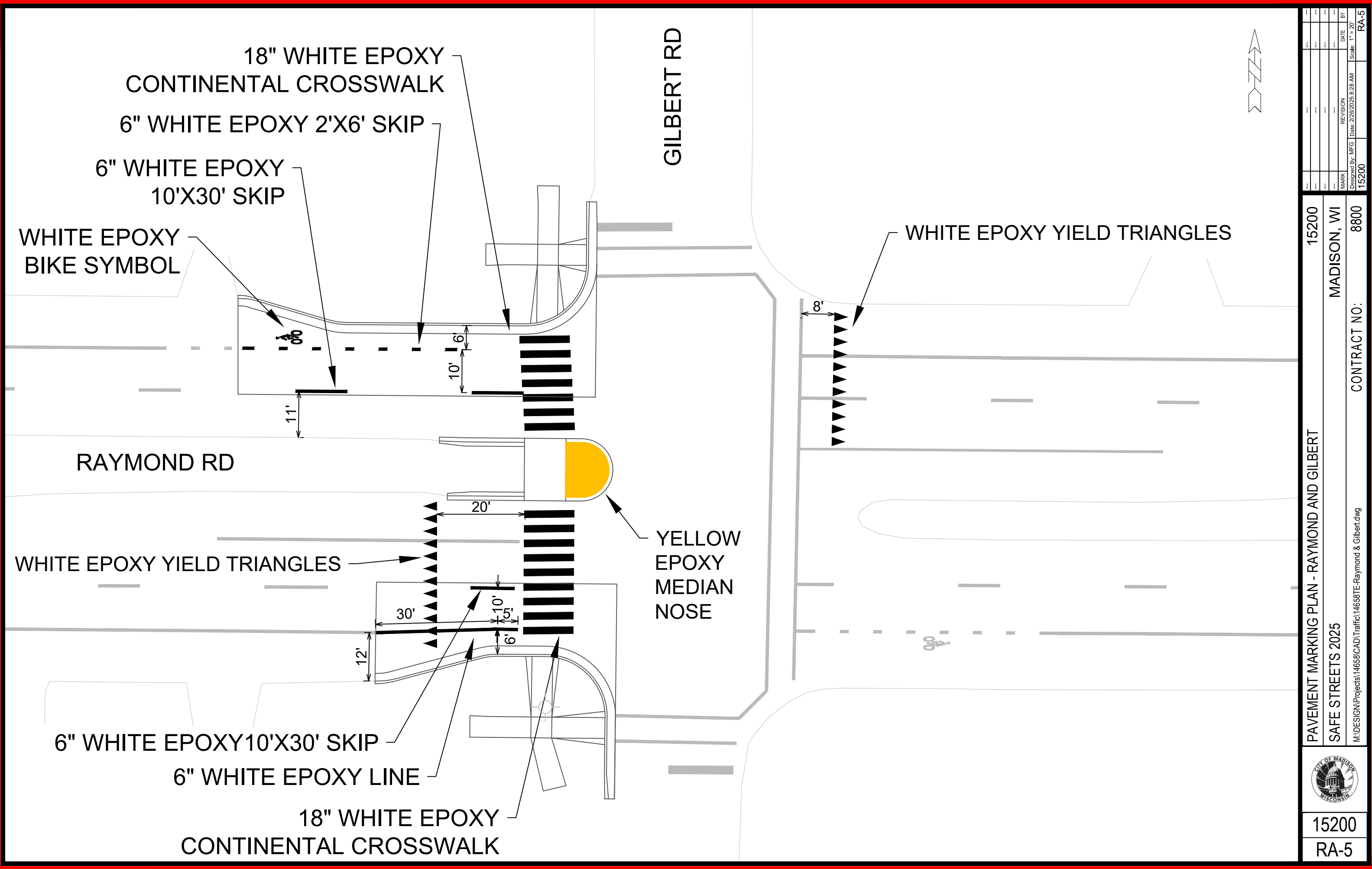
RAYMOND AND GILBERT - MISC. QUANTITIES
SAFE STREETS 2025
M:\DESIGN\Projects\14658\CAD\Traffic\RRFB - Raymond and Gilbert.dwg

15200
MADISON, WI
CONTRACT NO: 8800

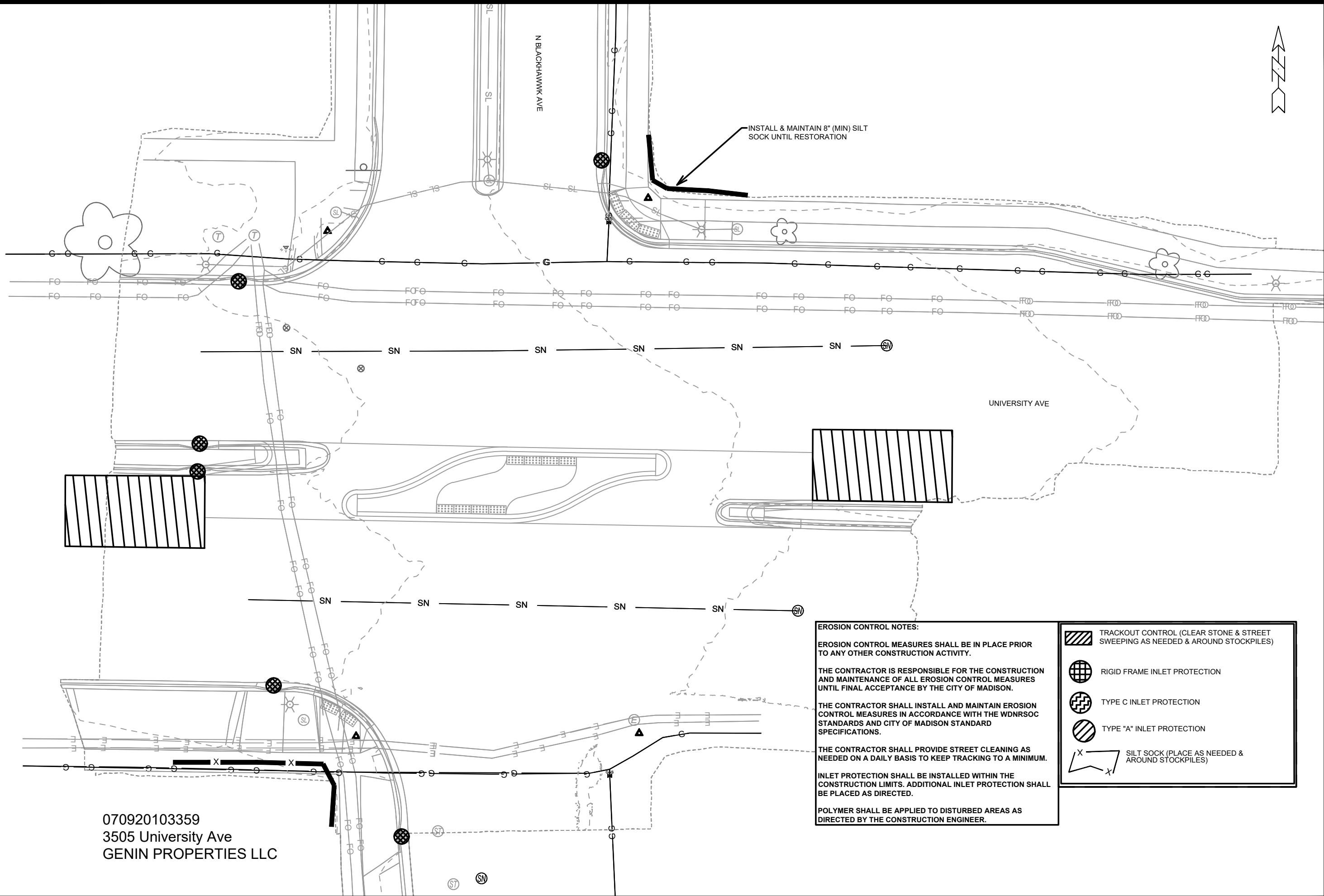
15200
RA-4

15200
MADISON, WI
CONTRACT NO: 8800

15200
RA-4



PAVEMENT MARKING PLAN - RAYMOND AND GILBERT		15200								
SAFE STREETS 2025		MADISON, WI								
M:\DESIGN\Projects\14658\CAD\Traffic\14658TE-Raymond & Gilbert.dwg		CONTRACT NO: 8800								
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MARK	REVISION	DATE	BY							
15200		RA-5								



070920103359
 3505 University Ave
 GENIN PROPERTIES LLC

EROSION CONTROL NOTES:

EROSION CONTROL MEASURES SHALL BE IN PLACE PRIOR TO ANY OTHER CONSTRUCTION ACTIVITY.

THE CONTRACTOR IS RESPONSIBLE FOR THE CONSTRUCTION AND MAINTENANCE OF ALL EROSION CONTROL MEASURES UNTIL FINAL ACCEPTANCE BY THE CITY OF MADISON.

THE CONTRACTOR SHALL INSTALL AND MAINTAIN EROSION CONTROL MEASURES IN ACCORDANCE WITH THE WDNR SOC STANDARDS AND CITY OF MADISON STANDARD SPECIFICATIONS.

THE CONTRACTOR SHALL PROVIDE STREET CLEANING AS NEEDED ON A DAILY BASIS TO KEEP TRACKING TO A MINIMUM.

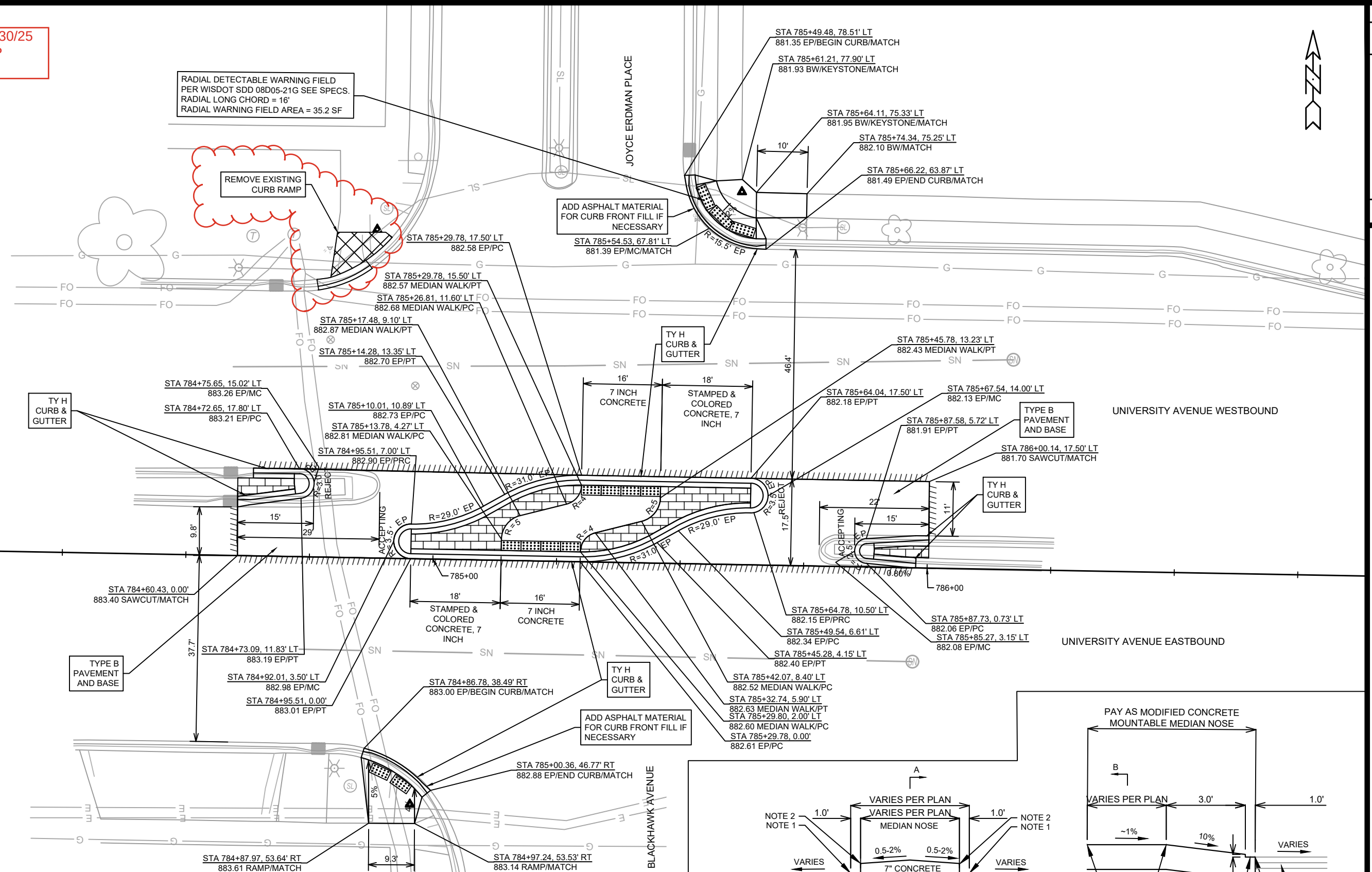
INLET PROTECTION SHALL BE INSTALLED WITHIN THE CONSTRUCTION LIMITS. ADDITIONAL INLET PROTECTION SHALL BE PLACED AS DIRECTED.

POLYMER SHALL BE APPLIED TO DISTURBED AREAS AS DIRECTED BY THE CONSTRUCTION ENGINEER.

	TRACKOUT CONTROL (CLEAR STONE & STREET SWEEPING AS NEEDED & AROUND STOCKPILES)
	RIGID FRAME INLET PROTECTION
	TYPE C INLET PROTECTION
	TYPE "A" INLET PROTECTION
	SILT SOCK (PLACE AS NEEDED & AROUND STOCKPILES)

EROSION CONTROL PLAN - UNIVERSITY AVE		15200	
SAFE STREETS 2025		MADISON, WI	
		CONTRACT NO: 8800	
M:\DESIGN\Projects\14658\SWR-University Blackhawk ErosionControl.dwg		15200 UB-1	
MARK	REVISION	DATE	BY
Designed By: MFG	Date: 2/27/2025 3:55 PM	Scale: 1/20	UB-1

REVISION 2: MFG 7/30/25
ADDED CURB RAMP
REMOVAL



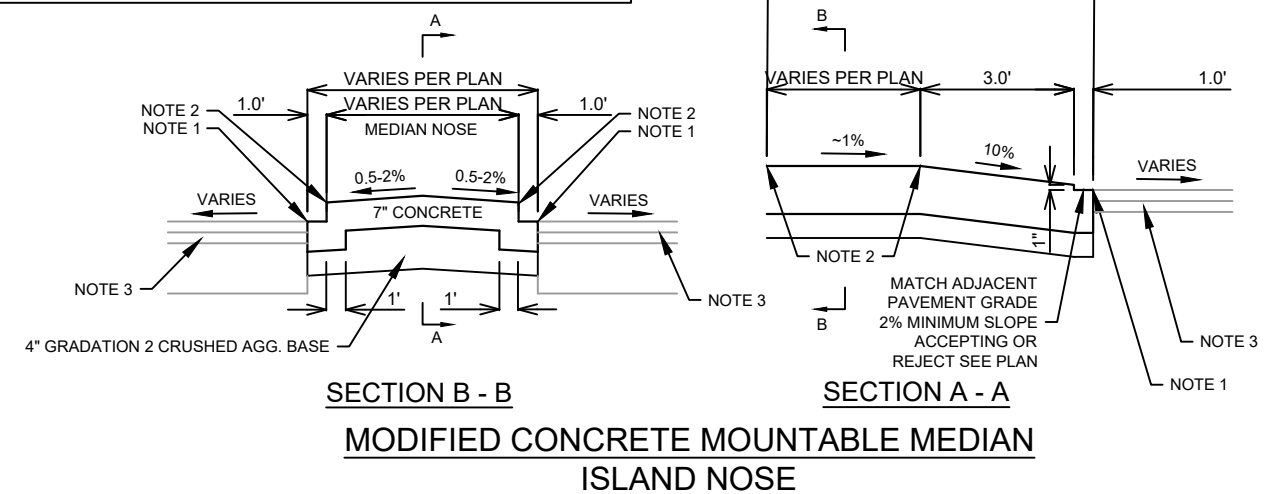
NOTES:

- RESTORE DISTURBED MEDIAN WITH STAMPED & COLORED CONCRETE, 7 INCH
- FINAL ASPHALT PATCHING LIMITS TO BE DETERMINED IN FIELD BY CONSTRUCTION ENGINEER
- RADII DIMENSIONED TO EDGE OF PAVEMENT
- ALL MEDIAN NOSES TO BE MOUNTABLE MEDIAN ISLAND NOSES PER DETAIL SAME PAGE
- MEDIAN WALK TO BE FLUSH WITH SURROUNDING MEDIAN

 STAMPED & COLORED CONCRETE, 7 INCH - MATCH THE EXISTING PATTERN AND COLOR ON MEDIANS. PROVIDE SAMPLE TO CONSTRUCTION ENGINEER FOR REVIEW PRIOR TO INSTALLATION, SEE SPECS

MEDIAN NOTES:

1. STATION OFFSET ELEVATION SHOWN ON PLANS
2. 6" RISE TYPICAL FOR MOUNTABLE MEDIAN NOSE. 4" RISE WHERE SHOWN ON PLAN
3. EXISTING PAVEMENT AND BASE TO REMAIN. FINAL CONCRETE REPLACEMENT LIMITS TO BE DETERMINED IN FIELD BY CONSTRUCTION ENGINEER



GENERAL NOTES

TS #1

1. INSTALL GR BASE, 15' SIGNAL POLE, AND APS PEDESTRIAN PUSH BUTTON, SINGLE ARROW.
2. INSTALL SIGNS AS SHOWN IN DETAIL.
3. INSTALL SOLAR PANEL AND DC CONVERTER ON POLE.

TS #2

1. INSTALL LB-8R BASE, 20' 7GA POLE, 20' TROMBONE ARM AND APS PEDESTRIAN PUSH BUTTON, SINGLE ARROW.
2. INSTALL SIGNS AS SHOWN IN DETAIL.
3. INSTALL SOLAR PANEL AND DC CONVERTER ON POLE.

TS#3

1. INSTALL LB-8R BASE, 20' 7GA POLE, 20' TROMBONE ARM AND APS PEDESTRIAN PUSH BUTTON, SINGLE ARROW.
2. INSTALL SIGNS AS SHOWN IN DETAIL.
3. INSTALL SOLAR PANEL AND DC CONVERTER ON POLE.

TS#4

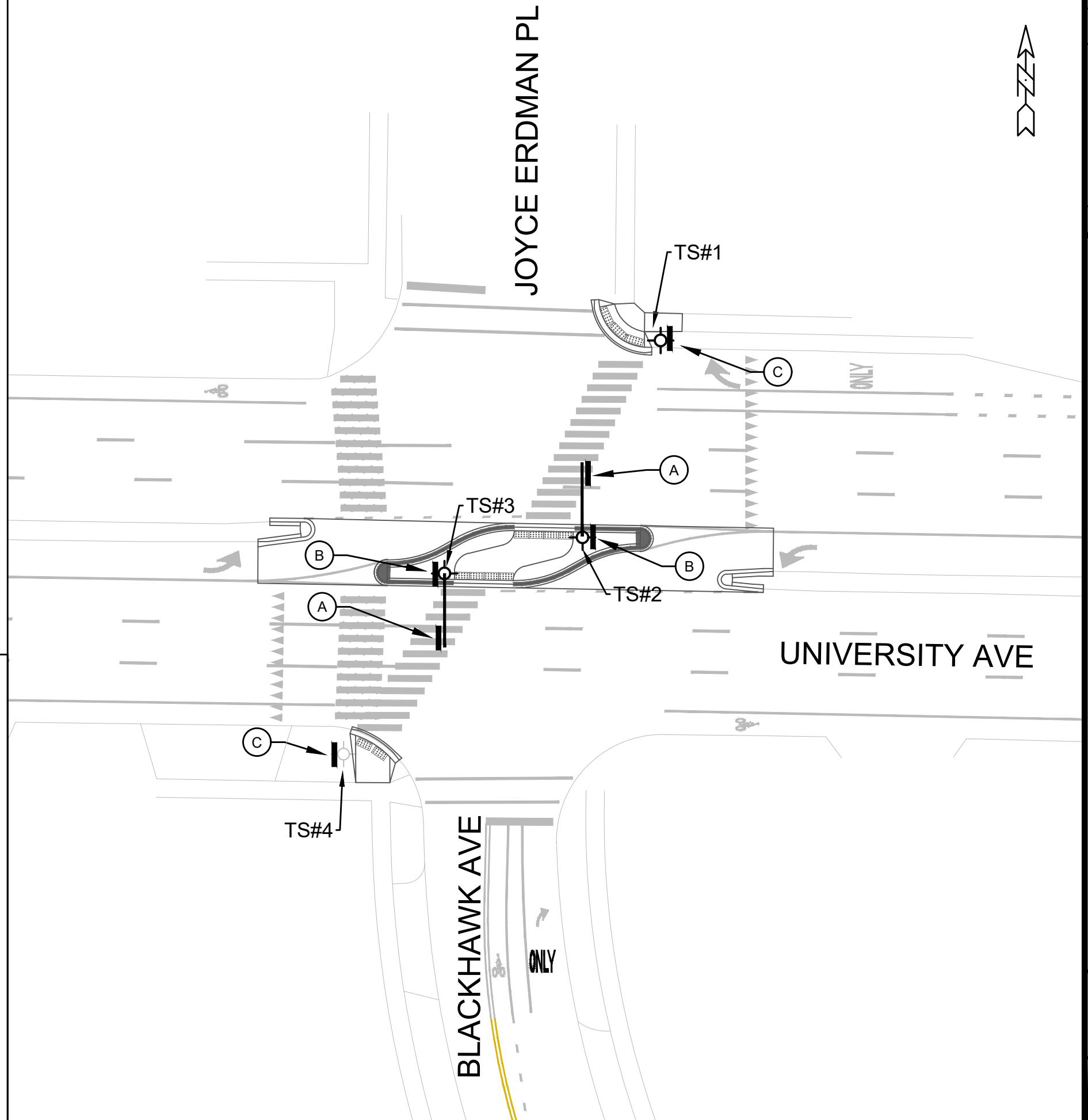
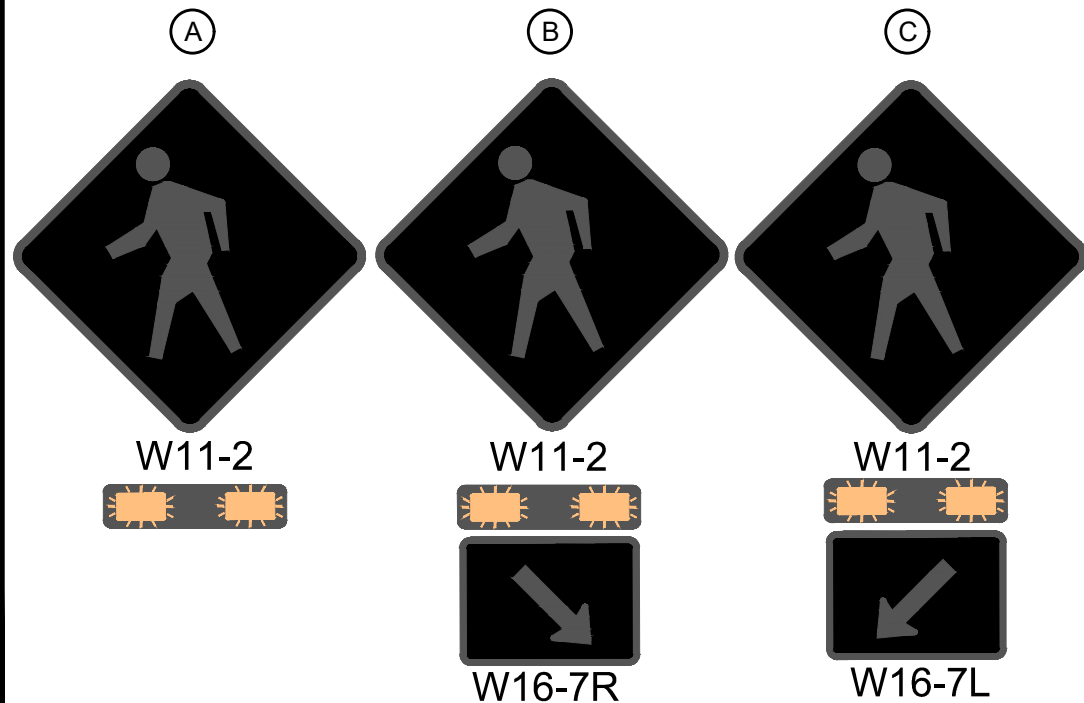
1. EXISTING POLE AND BASE TO REMAIN. INSTALL APS PEDESTRIAN PUSH BUTTON, SINGLE ARROW.
2. INSTALL SIGNS AS SHOWN IN DETAIL.
3. INSTALL SOLAR PANEL AND DC CONVERTER ON POLE.

NOTES:

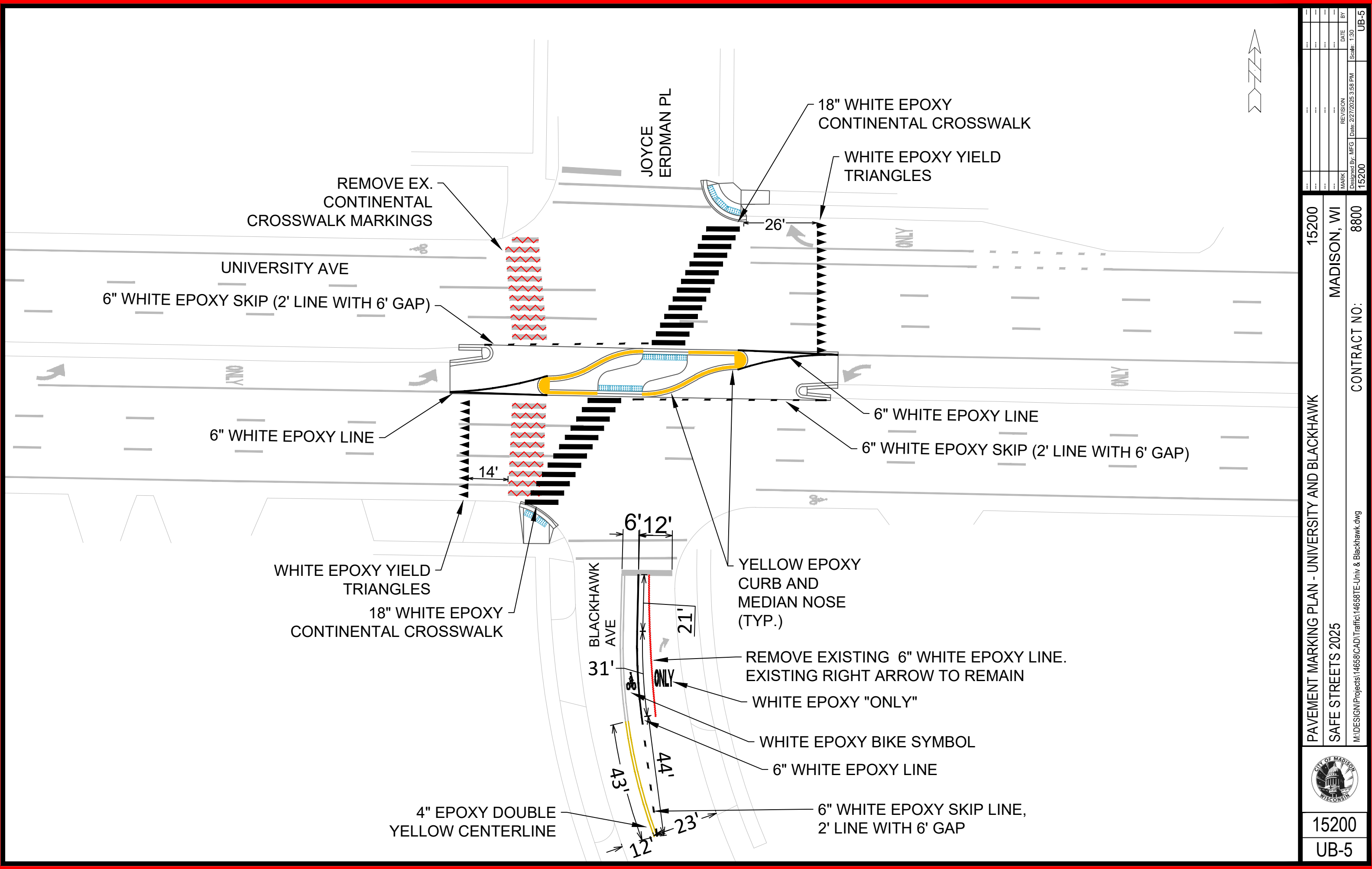
1. PAVEMENT MARKINGS BY OTHERS.
2. TS#1 AND TS#2 TO BE CONNECTED AND TIMED TOGETHER.
3. TS#3 AND TS#4 TO BE CONNECTED AND TIMED TOGETHER.
4. CONTRACTOR TO INSTALL CARMANAH SYSTEM OR EQUIVALENT.
5. PROGRAM 15 SECOND FLASH TIME

BASES SHALL BE LOCATED IN THE FIELD BY LUKAS COLLISN (608-261-9625)
Contractor shall conform to the 2019 Work Zone Safety Guidelines for Construction,
Maintenance & Utility Operations booklet

SIGN CONFIGURATION DETAILS

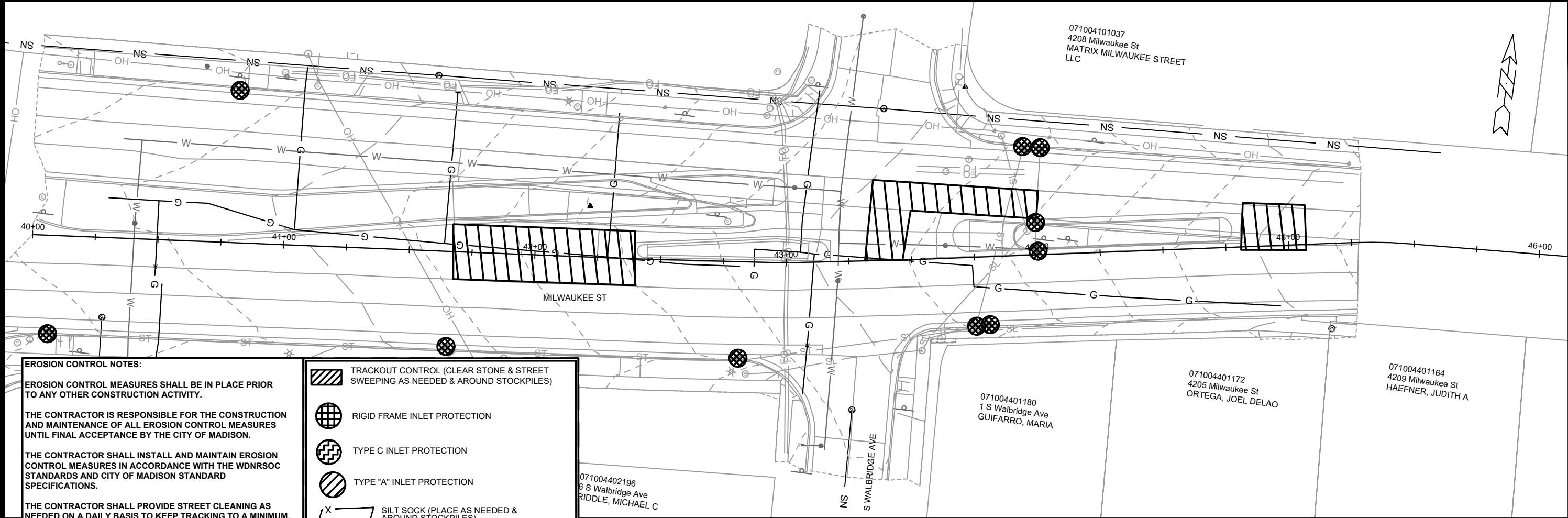


	15200	RRFB UNIVERSITY AVE AND BLACKHAWK AVE	15200					
		SAFE STREETS 2025	CITY OF MADISON					
15200		UB-3		M:\DESIGN\Projects\14658\CAD\Traffic\RRFB - Univ and j.poyce.dwg		CONTRACT NO: 8800		Designed By: LMC Date: 2/27/2025 3:56 PM Scale: 1" = 30'
				15200		UB-3		



PAVEMENT MARKING PLAN - UNIVERSITY AND BLACKHAWK		15200	15200
SAFE STREETS 2025		MADISON, WI	8800
M:\DESIGN\Projects\14658\CAD\Traffic\14658TE-Univ & Blackhawk.dwg		CONTRACT NO:	UB-5

MARK	REVISION	DATE	BY
15200	2025/03/27	3:58 PM	UB-5



EROSION CONTROL NOTES:

EROSION CONTROL MEASURES SHALL BE IN PLACE PRIOR TO ANY OTHER CONSTRUCTION ACTIVITY.

THE CONTRACTOR IS RESPONSIBLE FOR THE CONSTRUCTION AND MAINTENANCE OF ALL EROSION CONTROL MEASURES UNTIL FINAL ACCEPTANCE BY THE CITY OF MADISON.

THE CONTRACTOR SHALL INSTALL AND MAINTAIN EROSION CONTROL MEASURES IN ACCORDANCE WITH THE WDNR SOC STANDARDS AND CITY OF MADISON STANDARD SPECIFICATIONS.

THE CONTRACTOR SHALL PROVIDE STREET CLEANING AS NEEDED ON A DAILY BASIS TO KEEP TRACKING TO A MINIMUM.

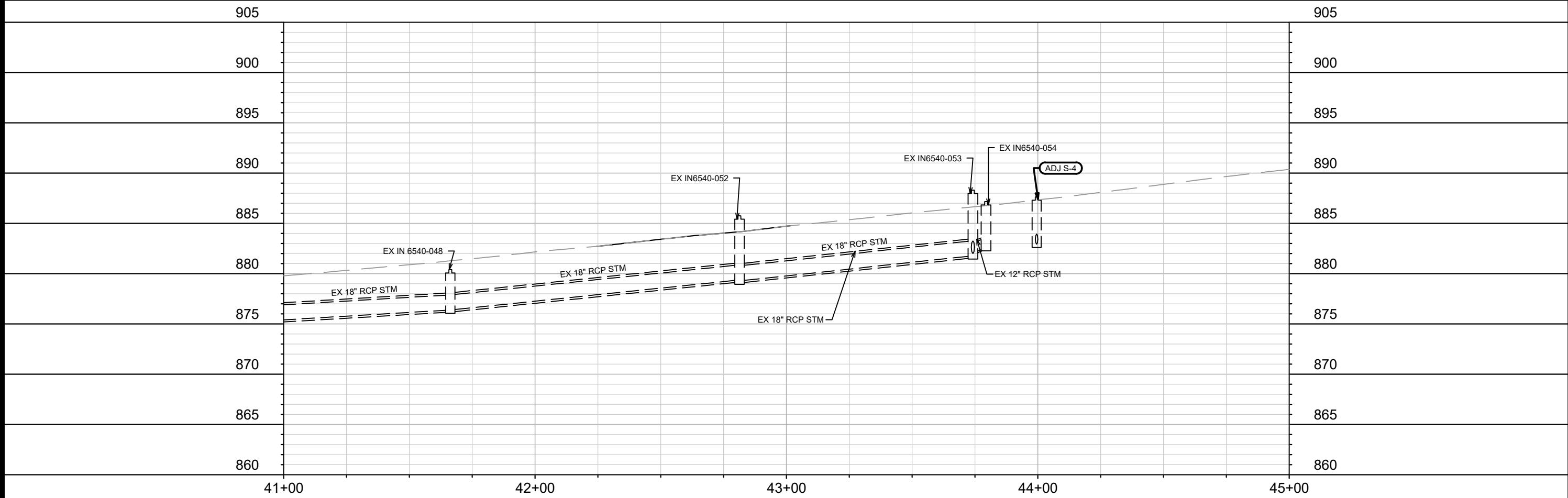
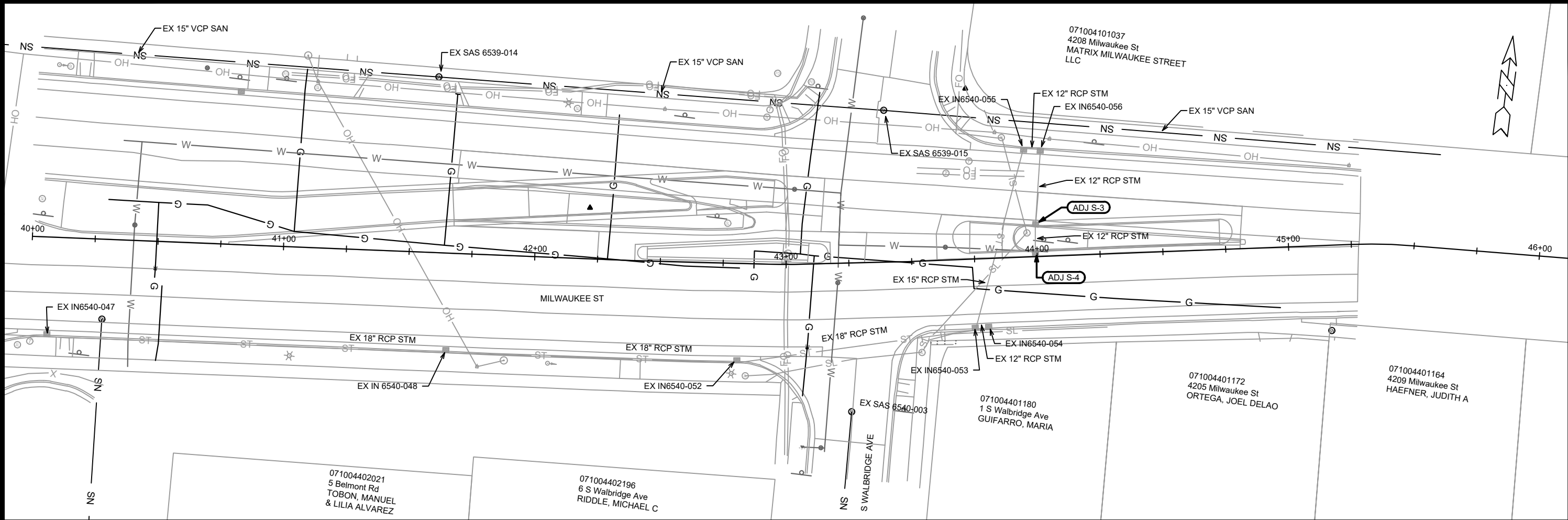
INLET PROTECTION SHALL BE INSTALLED WITHIN THE CONSTRUCTION LIMITS. ADDITIONAL INLET PROTECTION SHALL BE PLACED AS DIRECTED.

POLYMER SHALL BE APPLIED TO DISTURBED AREAS AS DIRECTED BY THE CONSTRUCTION ENGINEER.

- TRACKOUT CONTROL (CLEAR STONE & STREET SWEEPING AS NEEDED & AROUND STOCKPILES)
- RIGID FRAME INLET PROTECTION
- TYPE C INLET PROTECTION
- TYPE "A" INLET PROTECTION
- SILT SOCK (PLACE AS NEEDED & AROUND STOCKPILES)



15200		MADISON, WI		CONTRACT NO: 8800	
EROSION CONTROL PLAN - MILWAUKEE ST		SAFE STREETS 2025		M:\DESIGN\Projects\14658\CAD\Sewers\14658SWR-PipeNetwork_Milwaukee Walbridge.dwg	
		15200		MW-1	
MARK		REVISION		DATE	
Designed By: MFG		Date: 2/26/2025 8:29 AM		Scale: 1" = 40'	
15200		15200		MW-1	



15200		MADISON, WI		CONTRACT NO: 8800	
MILWAUKEE ST - UTILITY PLAN & PROFILE		SAFE STREETS 2025		M:\DESIGN\Projects\14658\CAD\Sewers\14658SWR-PipeNetwork_Milwaukee Walbridge.dwg	
		15200		MW-3	
MARK		REVISION		DATE	
BY		DATE		BY	
15200		2/26/2025 8:29 AM		15200	
Designed By: MFG		Scale: 1" = 40'		MW-3	

STORM SEWER SCHEDULE

MILWAUKEE WALBRIDGE

PROJECT NO. 15200

SHEET NO.

MW-4

STORM SEWER SCHEDULE

CITY OF MADISON

ADJUST EXISTING STORM STRUCTURES

STRUC. NO.	ID NO.	STATION	LOCATION (OFFSET)	EX TOC	PROP TOC	ADJ (FT)	NOTES
MILWAUKEE ST							
ADJ S-3	IN6540-057	43+99.78	LT-13.03	887.33	887.33	0.00	[1]
ADJ S-4	IN6540-058	43+99.52	LT-1.38	887.63	887.63	0.00	[1]

SPECIFIC NOTES

[1] MATCH NEW TOC

STANDARD NOTES:

- ABBREVIATIONS: AE = APRON ENDWALL; RCP = REINFORCED CONCRETE PIPE; HERCP = HORIZONTAL ELLIPTICAL REINFORCED CONCRETE PIPE; DNA = DOES NOT APPLY; SAS = SEWER ACCESS STRUCTURE; LP = LOW POINT INLET STRUCTURE; FP = FIELD POURED STRUCTURE; TR = TOP OF CONCRETE ROOF; NCM = NO CROWN MATCH FOR PIPES; UD = UNDERDRAIN

- TOP OF CASTING GRADE GIVEN IS THE TOP OF CURB FOR INLET STRUCTURES AND THE FLOWLINE OF THE CLOSED CASTING FOR SASs.

- TOP OF CONCRETE ROOF (TR) IS 1.25 BELOW TOP OF CASTING UNLESS OTHERWISE NOTED.

- ALL REINFORCED CONCRETE PIPES TO BE CLASS III UNLESS OTHERWISE NOTED.

- SURVEYOR TO CONFIRM THAT ALL INLET STATION / OFFSETS LINE UP WITH PROPOSED CURB AND GUTTER.

-ALL REBAR FOR FIELD POUR STRUCTURES SHALL BE EPOXY COATED. ANY EXPOSED STEEL SHALL BE TOUCHED UP OR RECOATED PRIOR TO USE.

-ALL FIELD POURED SAS STORM STRUCTURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD DETAIL DRAWING 5.7.3.

-ALL PRECAST SAS STORM STRUCTURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD DETAIL DRAWING 5.7.5.

- ALL STRUCTURES CALLED OUT AS FIELD POURED SHALL BE FIELD POURED. ALL OTHER STRUCTURES (NOT INDICATED AS FIELD POURED) SHALL BE SUBMITTED TO CITY ENGINEERING FOR APPROVAL IF PRECAST STRUCTURES ARE PREFERRED. CONTACT ERIN GETER OF CITY ENGINEERING AT (608) 266-4058 FOR PRECAST APPROVALS, FAX SHOP DRAWINGS TO (608)264-9275, OR EMAIL SHOP DRAWINGS TO EGETER@CITYOFMADISON.COM.

GENERAL NOTES

TS #1

1. INSTALL LB-8R BASE, 20' 7GA POLE, 20' TROMBONE ARM AND APS PEDESTRIAN PUSH BUTTON.
2. INSTALL SIGNS AS SHOWN IN DETAIL.
3. INSTALL SOLAR PANEL AND DC CONVERTER ON POLE.

TS #2

1. INSTALL LB-8R BASE, 20' 7GA POLE, 20FT TROMBONE ARM.
2. INSTALL SIGNS AS SHOWN IN DETAIL.
3. INSTALL SOLAR PANEL AND DC CONVERTER ON POLE.

TS#3

1. INSTALL GR BASE, 15' SIGNAL POLE, AND PEDESTRIAN PUSH BUTTON.
2. INSTALL SIGNS AS SHOWN IN DETAIL.
3. INSTALL SOLAR PANEL AND DC CONVERTER ON POLE.

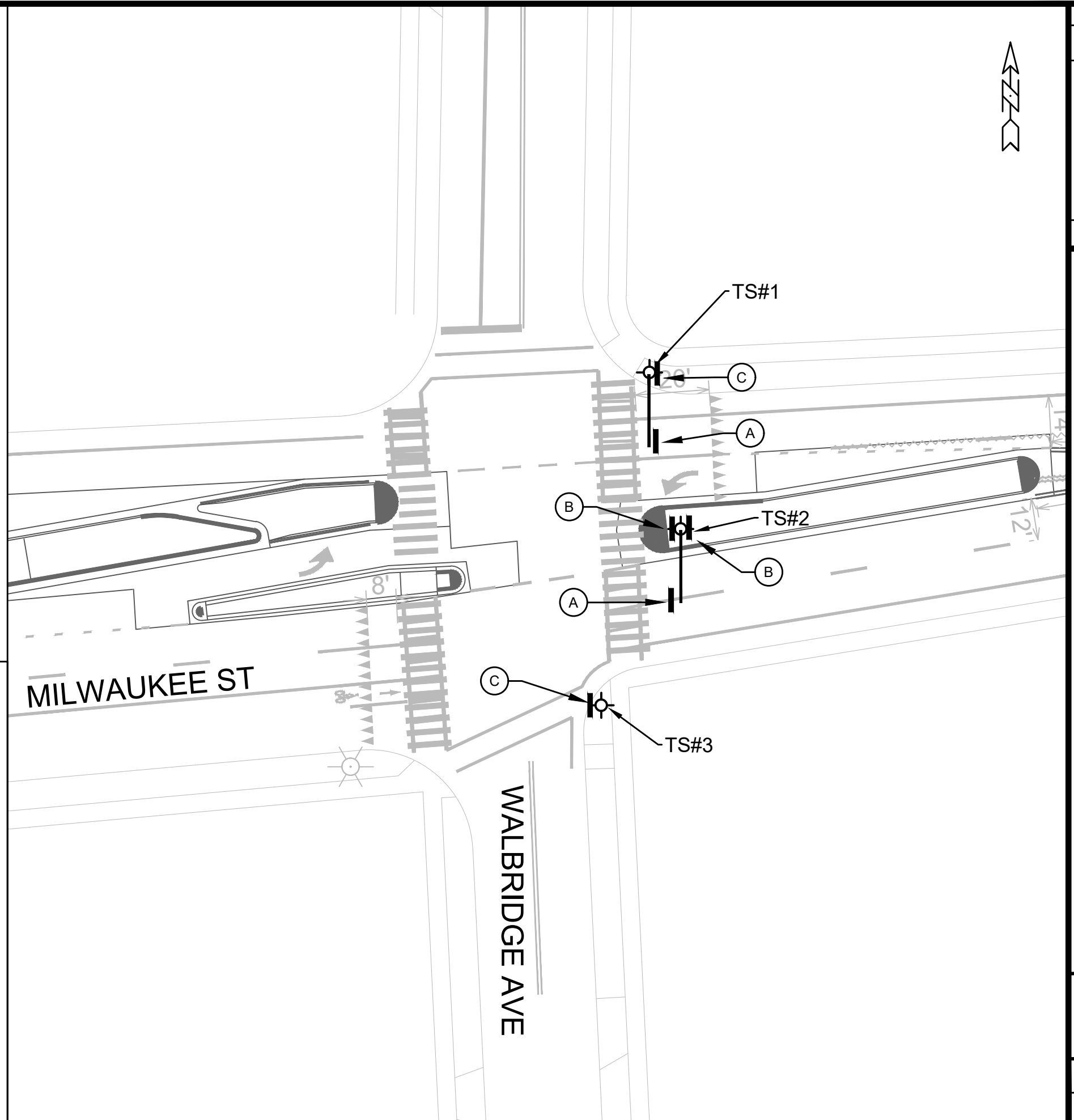
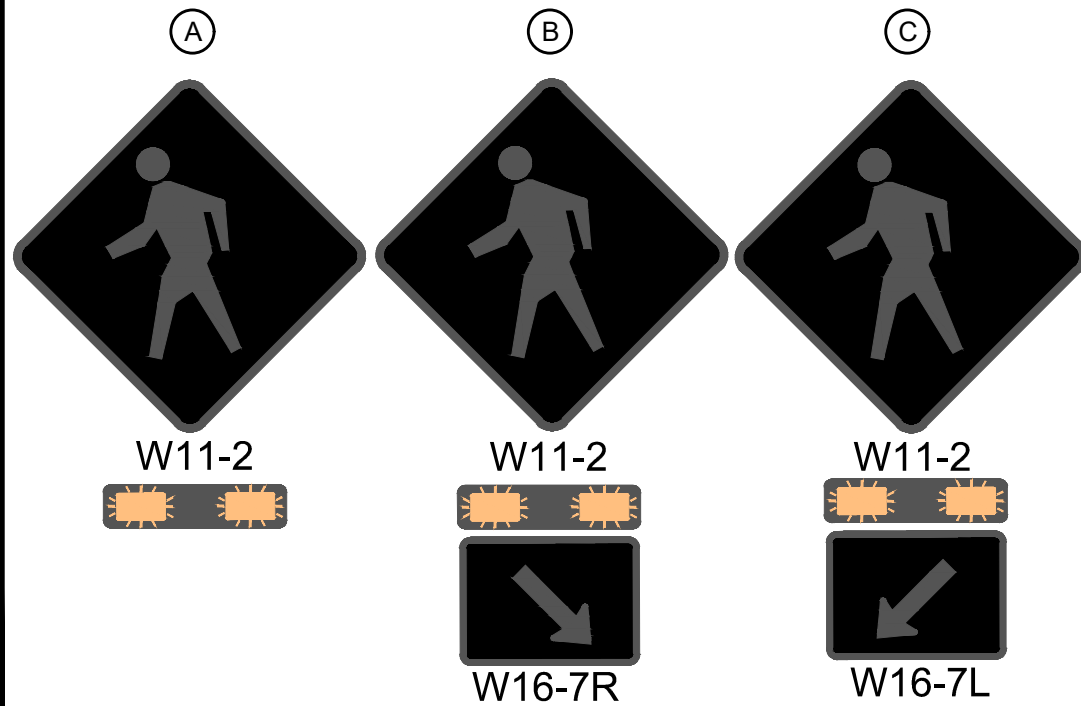
NOTES:

1. PAVEMENT MARKINGS BY OTHERS.
2. CONTRACTOR TO INSTALL CARMANAH SYSTEM OR EQUIVALENT.
3. PROGRAM FLASH FOR 30 SECONDS.

BASES SHALL BE LOCATED IN THE FIELD BY LUKAS COLLINS (608-216-9625)

Contractor shall conform to the 2019 Work Zone Safety Guidelines for Construction, Maintenance & Utility Operations booklet

SIGN CONFIGURATION DETAILS



	RRFB MILWAUKEE ST AND WALBRIDGE AVE		15200
	SAFE STREETS 2025		CITY OF MADISON
	M:\DESIGN\Projects\14658\CAD\Traffic\RRFB - Mliw & Whal.dwg		CONTRACT NO: 8800
15200	MW-5	MARK	REVISION
		DATE	BY
		Date: 2/26/2025 8:29 AM	Scale: 1" = 30'
		15200	MW-5

		60416	60417	60243	60424	90011	90013	90017	90038	90038	90040	90016	90020	COMMENTS		
		FURNISH & INSTALL		REMOVE		FURNISH & INSTALL									FURNISH & INSTALL	
		TYPE LB-8R	TYPE GR	TRAFFIC SIGNAL	TRAFFIC SIGNAL	20-FT, 7 GUAGE	TRAFFIC SIGNAL	20-FT TROMBONE	ACC PED	ACC PED	PEDESTAL	6-SIGN RRFB	POST MOUNTED			
STRUCTURE	BASE	BASE	POLE	BASE	POLE	POLE	ARM	PUSH BUTTON, SINGLE ARROW	PUSH BUTTON, DOUBLE ARROW	BASES	SYSTEM	RRFB SYSTEM				
MILWAUKEE AND WALBRIDGE		(EACH)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)			
	TS1	1	-	-	-	1	-	1	1	-	-	1	-	PEDESTAL BASES TO BE WISDOT ITEM 657.0100		
	TS2	1	-	-	-	1	-	1	-	-	-	-	-			
	TS3	-	1	-	-	-	1	-	1	-	-	-	-	20-FT TROMBONE ARM TO BE WISDOT ITEM 657.0595		
SUBTOTAL		2	1	0	0	2	1	2	2	0	0	1	0			





15200

MW-6

MILWAUKEE ST AND WALBRIDGE ST - MISC. QUANTITIES

SAFE STREETS 2025

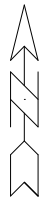
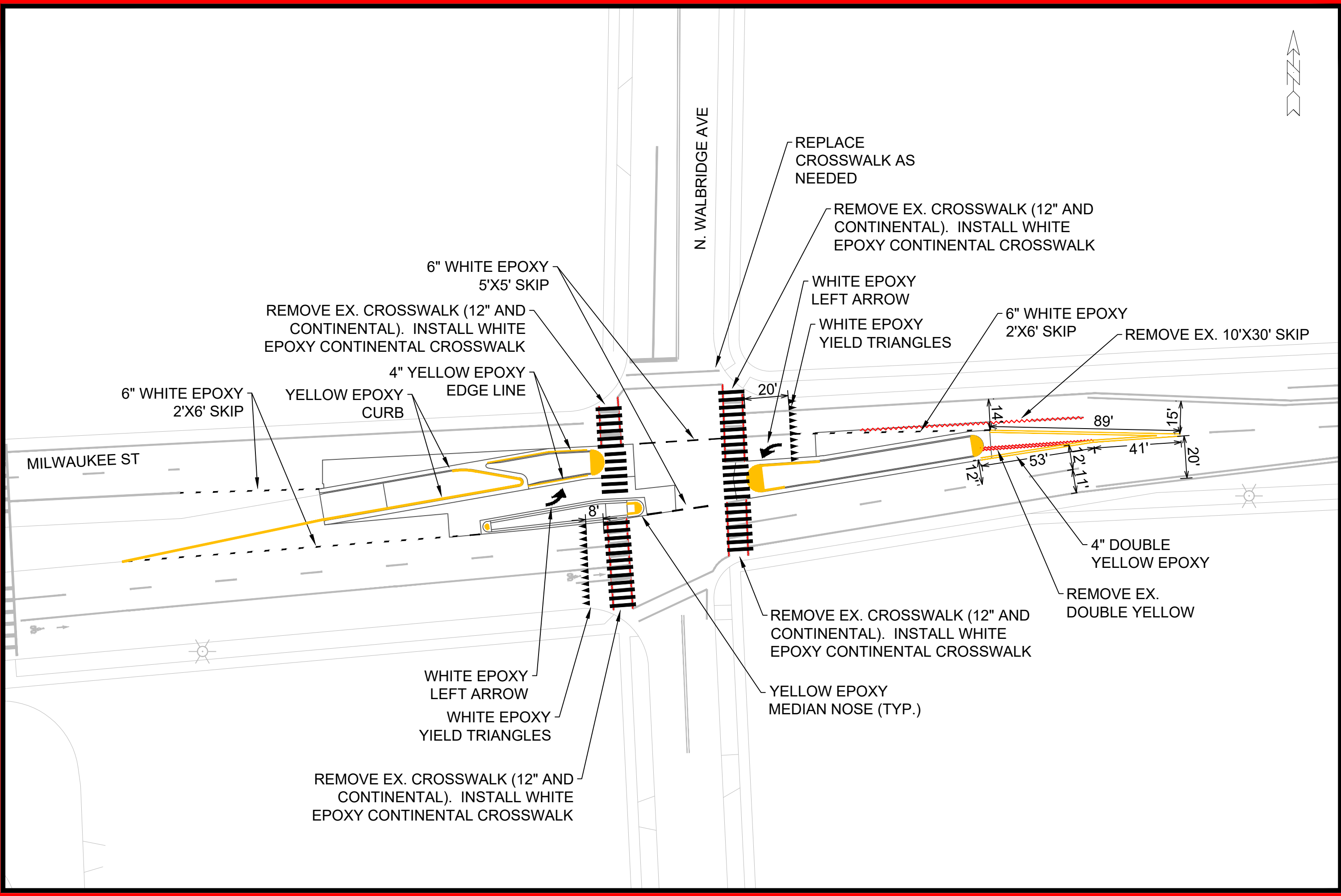
M:\DESIGN\Projects\14658\CAD\Traffic\RRFB - Mliw & What.dwg

15200

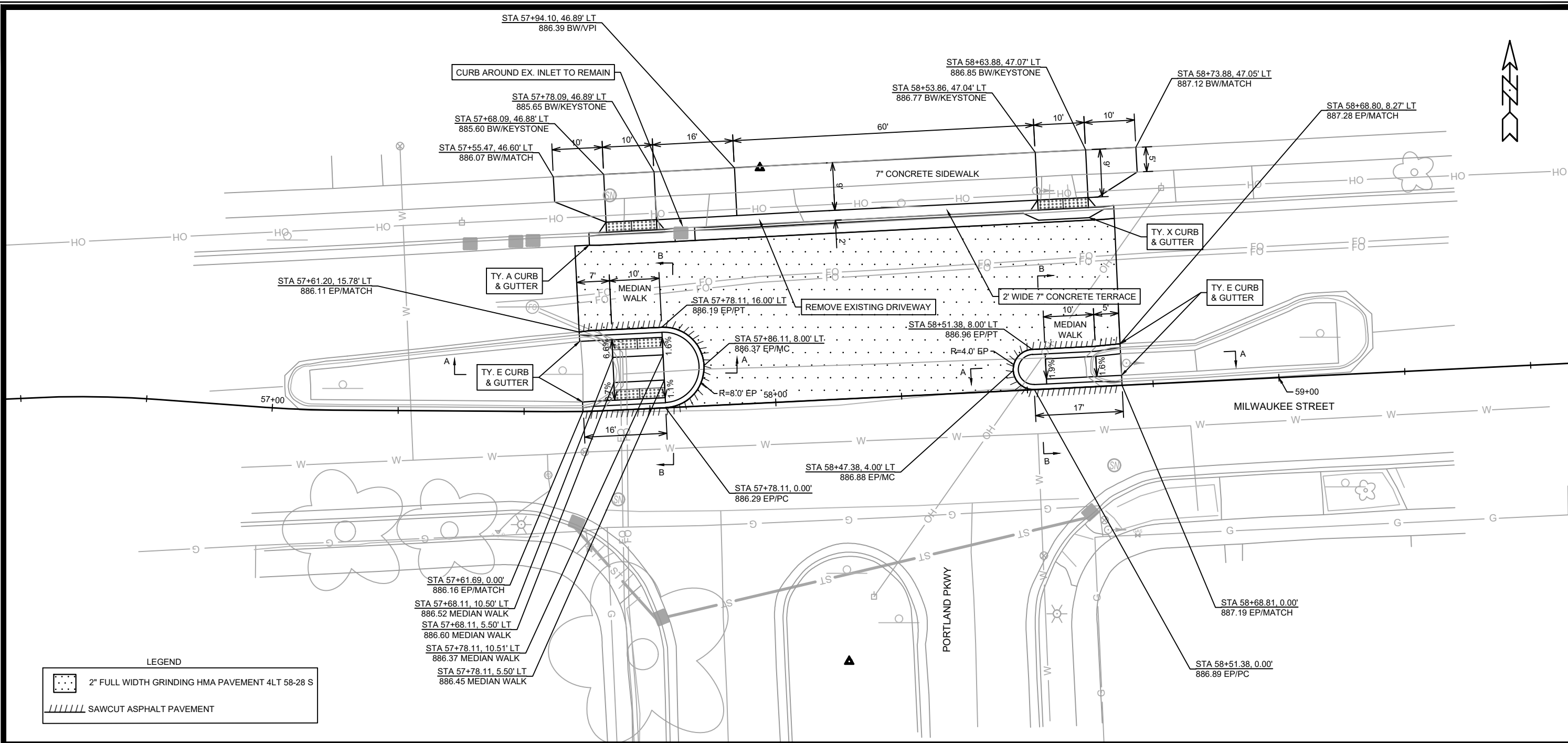
MADISON, WI

CONTRACT NO: 8800

MARK	REVISION	DATE	BY
15200			
Designed By: MFG	Date: 2/26/2025 8:30 AM	Scale: 1" = 40' XRE	MW-6



PAVEMENT MARKING PLAN - MILWAUKEE AND WALBRIDGE		15200	MADISON, WI	8800
SAFE STREETS 2025		CONTRACT NO:		
M:\DESIGN\Projects\14658\CAD\Traffic\14658TE-Walbridge-Portland.dwg				
				
15200				
MW-7				
MARK	REVISION	DATE	BY	
15200	2/26/2025 8:30 AM	1" = 40'	MW-7	



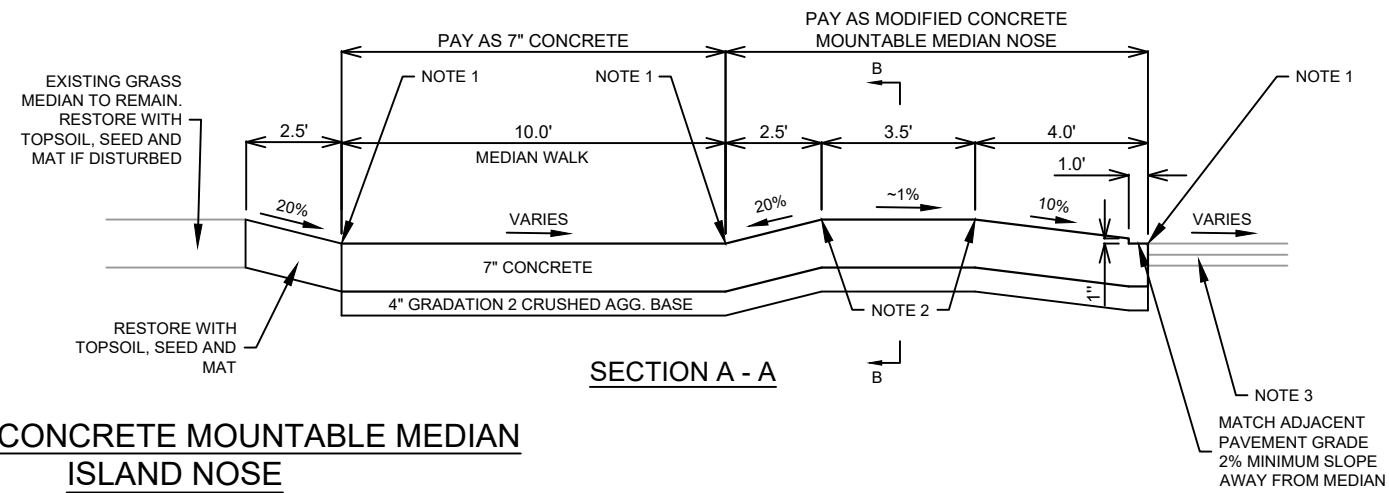
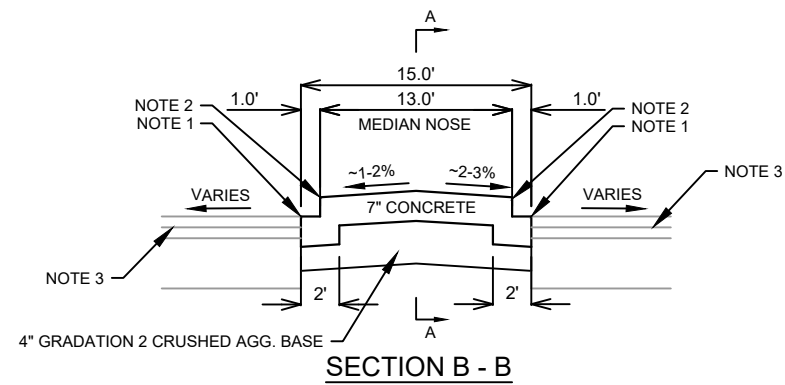
LEGEND

2" FULL WIDTH GRINDING HMA PAVEMENT 4LT 58-28 S

SAWCUT ASPHALT PAVEMENT

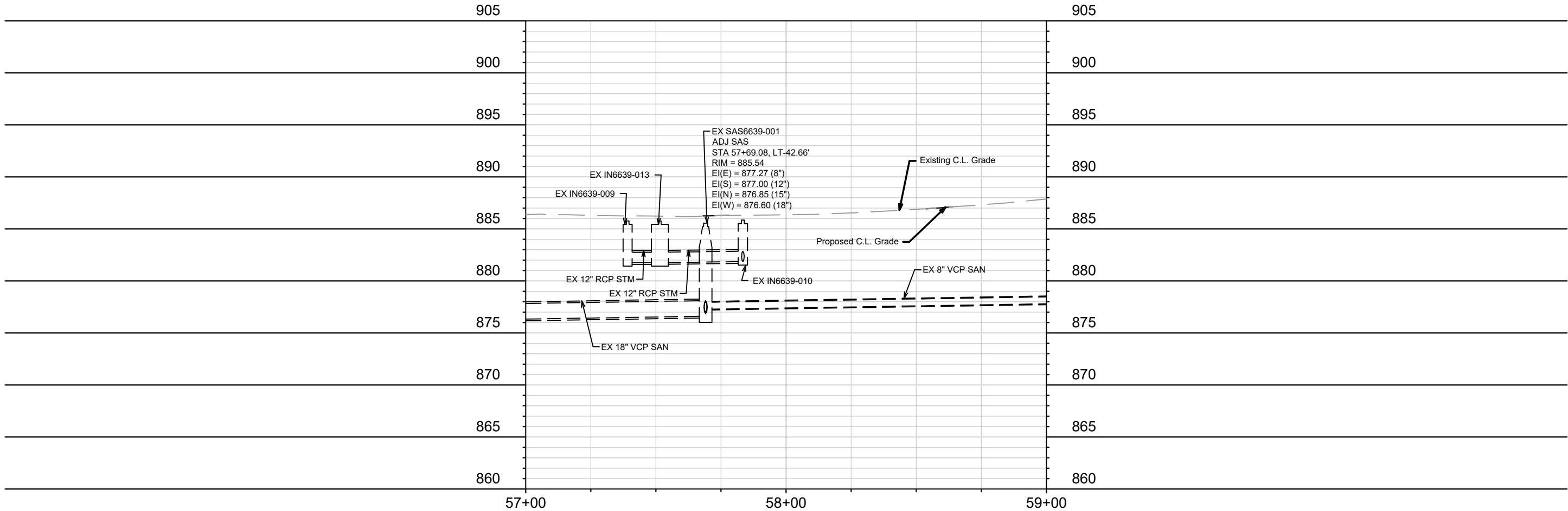
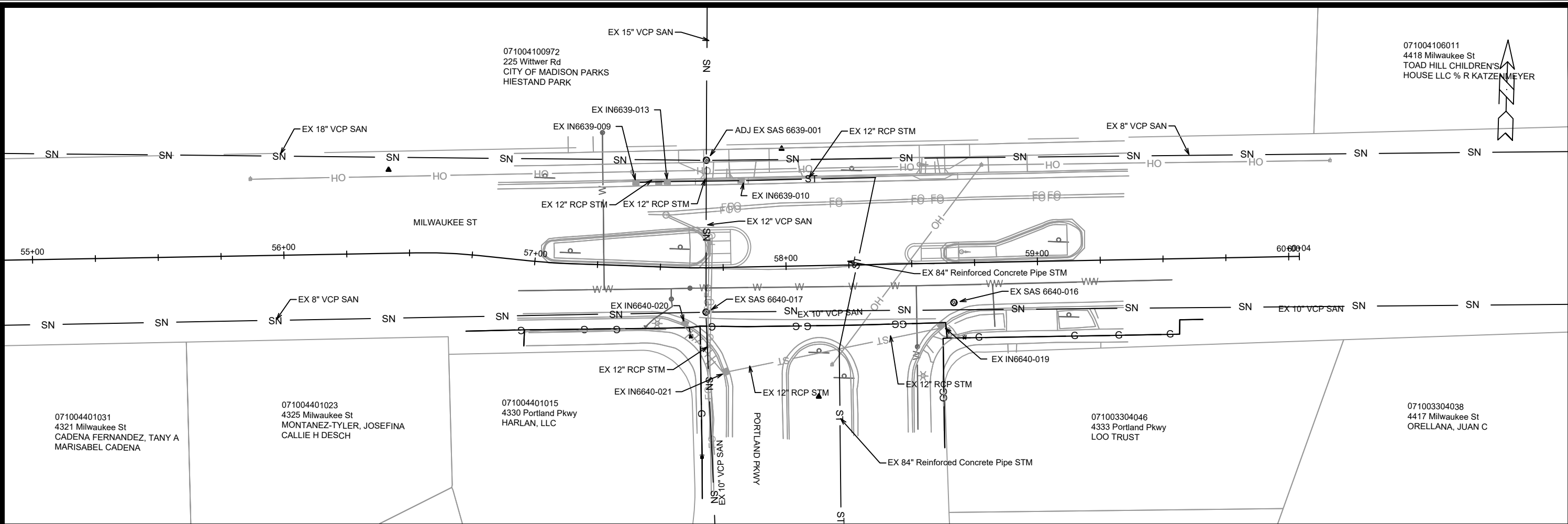
- NOTES:
- RESTORE DISTURBED AREAS WITH TOPSOIL, SEED AND MAT
 - FINAL ASPHALT PATCHING LIMITS TO BE DETERMINED IN FIELD BY CONSTRUCTION ENGINEER
 - RADII DIMENSIONED TO EDGE OF PAVEMENT
 - ALL CURB RAMPS ARE 7" CONCRETE
 - ALL SIDEWALK AND KEYSTONES ARE 5" CONCRETE

- MEDIAN NOTES:
1. STATION OFFSET ELEVATION SHOWN ON PLAN.
 2. 6" RISE TYPICAL FOR MOUNTABLE MEDIAN NOSE.
 3. EXISTING PAVEMENT AND BASE TO REMAIN. FRONT FILL WITH ASPHALT AS NECESSARY



MODIFIED CONCRETE MOUNTABLE MEDIAN
ISLAND NOSE

15200	MADISON, WI	8800	CONTRACT NO:
MILWAUKEE PORTLAND PLAN			
SAFE STREETS 2025			
M:\DESIGN\Projects\14658\CAD\Streets\14658EN-PnP_Milwaukee_Portland.dwg			
15200	MP-2		



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SANITARY SEWER SCHEDULE

MILWAUKEE PORTLAND PROJECT NO. 15200	SHEET NO. MP-4
SANITARY SEWER SCHEDULE	
CITY OF MADISON	

ADJUST EXISTING SANITARY STRUCTURES

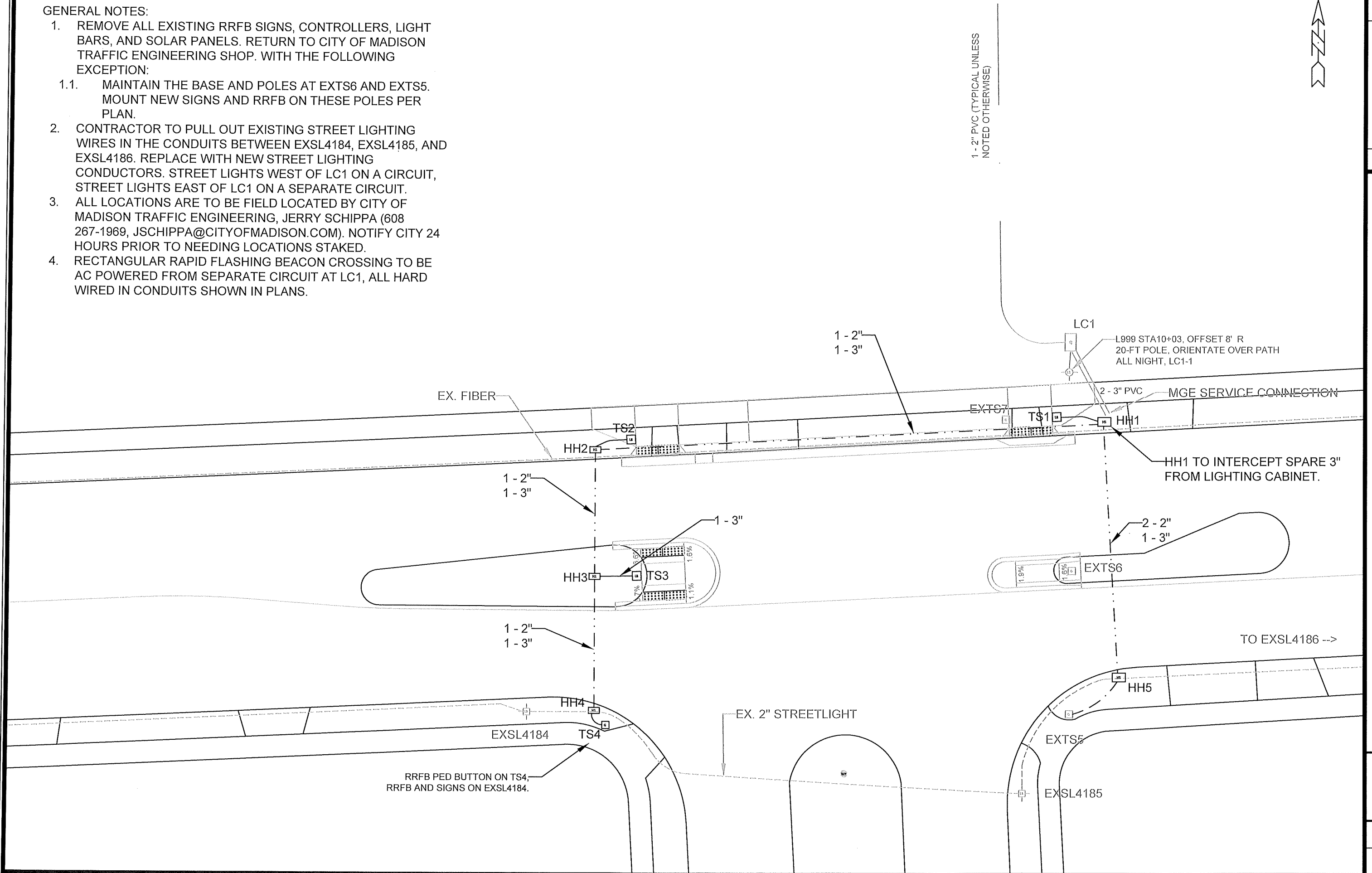
SAS NO.	STATION	LOCATION (OFFSET)	TOC	PROP TOC	ADJ (FT)	NOTES
MILWAUKEE ST						
SAS6639-001	57+69.08	LT-42.66	885.97	885.54	-0.43	[1]

SPECIFIC NOTES

[1] MATCH PROPOSED SIDEWALK GRADE

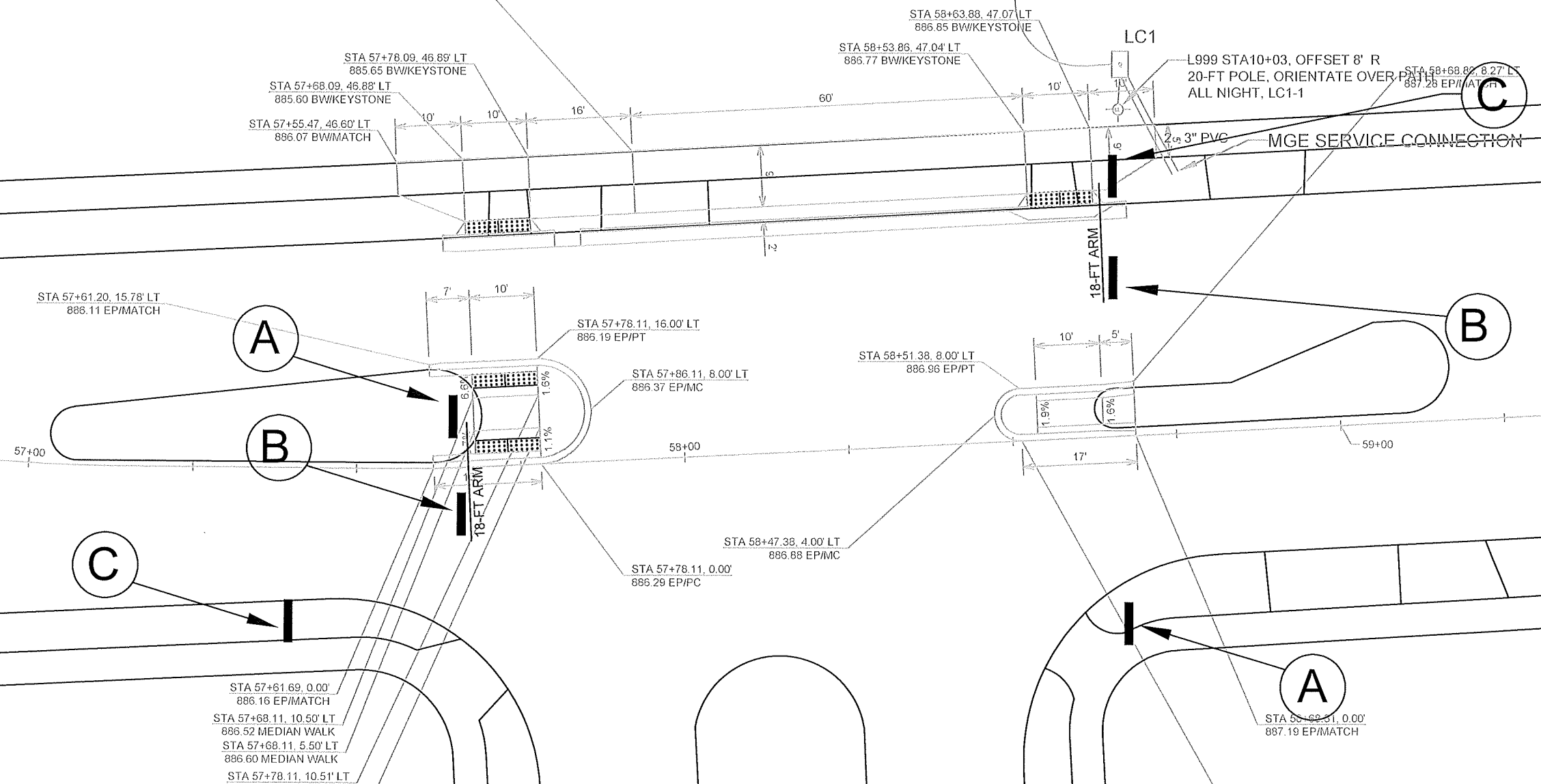
GENERAL NOTES:

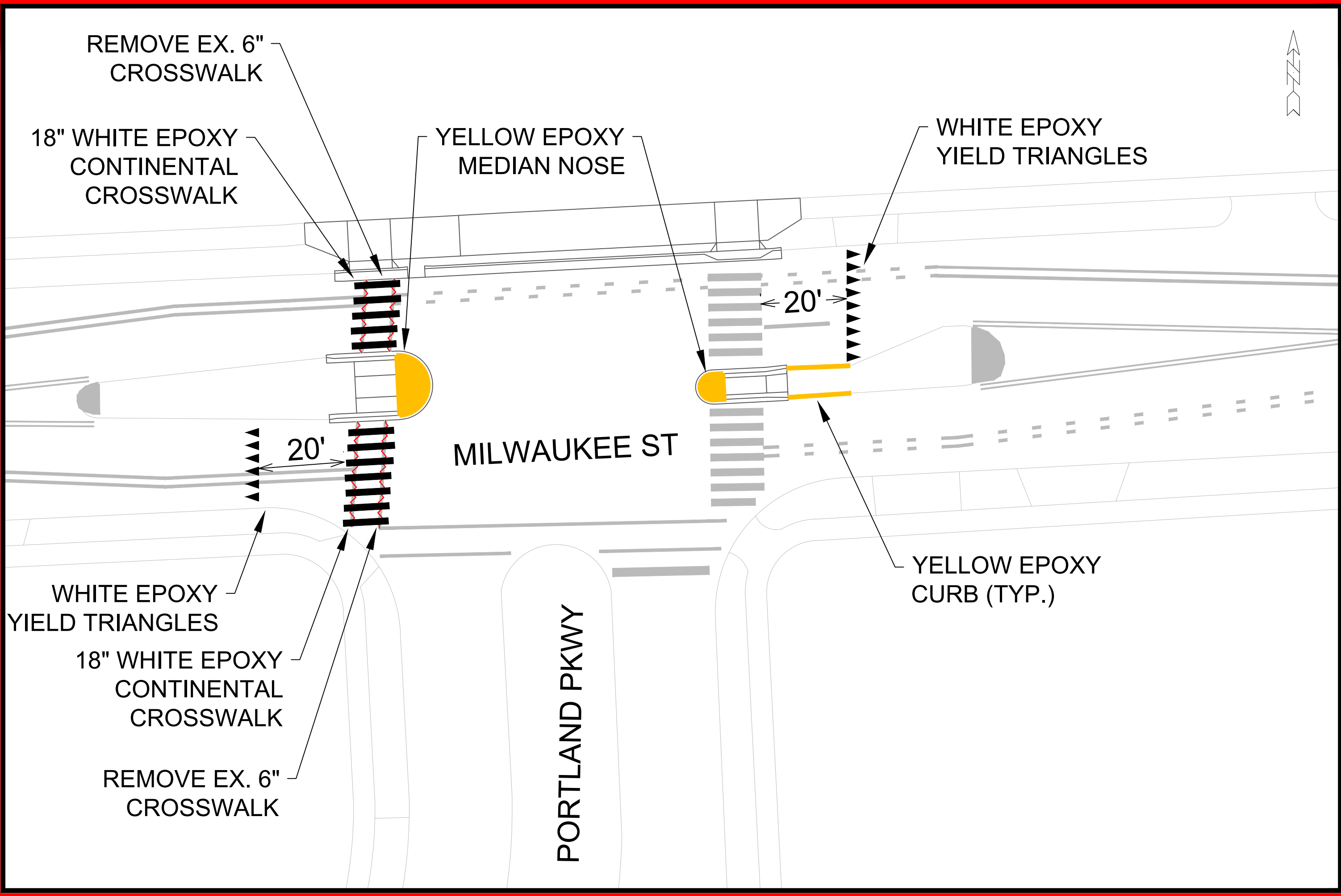
1. REMOVE ALL EXISTING RRFB SIGNS, CONTROLLERS, LIGHT BARS, AND SOLAR PANELS. RETURN TO CITY OF MADISON TRAFFIC ENGINEERING SHOP. WITH THE FOLLOWING EXCEPTION:
 - 1.1. MAINTAIN THE BASE AND POLES AT EXTS6 AND EXTS5. MOUNT NEW SIGNS AND RRFB ON THESE POLES PER PLAN.
2. CONTRACTOR TO PULL OUT EXISTING STREET LIGHTING WIRES IN THE CONDUITS BETWEEN EXSL4184, EXSL4185, AND EXSL4186. REPLACE WITH NEW STREET LIGHTING CONDUCTORS. STREET LIGHTS WEST OF LC1 ON A CIRCUIT, STREET LIGHTS EAST OF LC1 ON A SEPARATE CIRCUIT.
3. ALL LOCATIONS ARE TO BE FIELD LOCATED BY CITY OF MADISON TRAFFIC ENGINEERING, JERRY SCHIPPA (608 267-1969, JSCHIPPA@CITYOFMADISON.COM). NOTIFY CITY 24 HOURS PRIOR TO NEEDING LOCATIONS STAKED.
4. RECTANGULAR RAPID FLASHING BEACON CROSSING TO BE AC POWERED FROM SEPARATE CIRCUIT AT LC1, ALL HARD WIRED IN CONDUITS SHOWN IN PLANS.



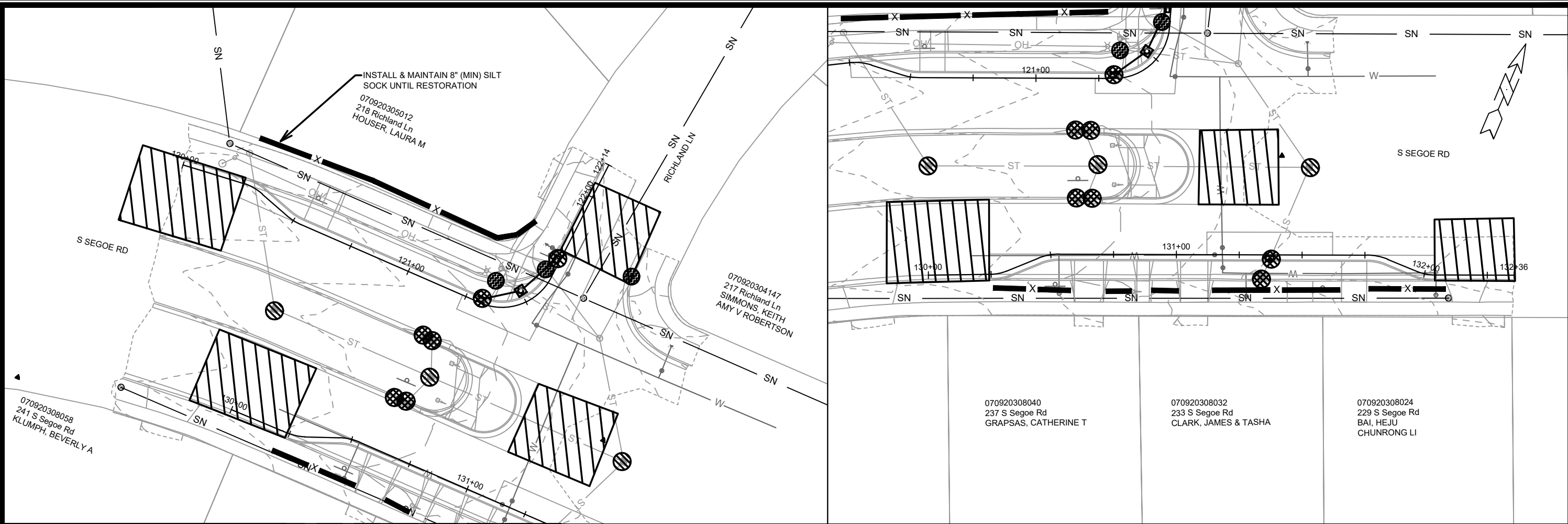
ELECTRICAL PLANS - MILWAUKEE & PORTLAND PKWY RRFB		15200	MADISON, WI		CONTRACT NO: 8800
SAFE STREETS MADISON 2025		M:\DESIGN\Projects\14658\CAD\Traffic\14658TE-Portland and Milwaukee RRFB.dwg			
CITY OF MADISON WISCONSIN		15200 MP-5			
15200 MP-5		15200			

1. REMOVE ALL EXISTING RRFB SIGNS, CONTROLLERS, LIGHT BARS, AND SOLAR PANELS. RETURN TO CITY OF MADISON TRAFFIC ENGINEERING SHOP. WITH THE FOLLOWING EXCEPTION:
 - 1.1. MAINTAIN THE BASE AND POLES AT EXTS6 AND EXTS5. MOUNT NEW SIGNS AND RRFB ON THESE POLES PER PLAN.
2. CONTRACTOR TO PULL OUT EXISTING STREET LIGHTING WIRES IN THE CONDUITS BETWEEN EXSL4184, EXSL4185, AND EXSL4186. REPLACE WITH NEW STREET LIGHTING CONDUCTORS. STREET LIGHTS WEST OF LC1 ON A CIRCUIT, STREET LIGHTS EAST OF LC1 ON A SEPARATE CIRCUIT.
3. ALL LOCATIONS ARE TO BE FIELD LOCATED BY CITY OF MADISON TRAFFIC ENGINEERING, JERRY SCHIPPA (608 267-1969, JSCHIPPA@CITYOFMADISON.COM). NOTIFY CITY 24 HOURS PRIOR TO NEEDING LOCATIONS STAKED.
4. RECTANGULAR RAPID FLASHING BEACON CROSSING TO BE AC POWERED FROM SEPARATE CIRCUIT AT LC1, ALL HARD WIRED IN CONDUITS SHOWN IN PLANS.





PAVEMENT MARKING PLAN - MILWAUKEE AND PORTLAND		15200	15200
SAFE STREETS 2025		MADISON, WI	MP-7
M:\DESIGN\Projects\14658\CAD\Traffic\14658TE-Walbridge-Portland.dwg		CONTRACT NO: 8800	MP-7
			
15200			
MP-7			



EROSION CONTROL NOTES:

EROSION CONTROL MEASURES SHALL BE IN PLACE PRIOR TO ANY OTHER CONSTRUCTION ACTIVITY.

THE CONTRACTOR IS RESPONSIBLE FOR THE CONSTRUCTION AND MAINTENANCE OF ALL EROSION CONTROL MEASURES UNTIL FINAL ACCEPTANCE BY THE CITY OF MADISON.

THE CONTRACTOR SHALL INSTALL AND MAINTAIN EROSION CONTROL MEASURES IN ACCORDANCE WITH THE WDNRSOC STANDARDS AND CITY OF MADISON STANDARD SPECIFICATIONS.

THE CONTRACTOR SHALL PROVIDE STREET CLEANING AS NEEDED ON A DAILY BASIS TO KEEP TRACKING TO A MINIMUM.

INLET PROTECTION SHALL BE INSTALLED WITHIN THE CONSTRUCTION LIMITS. ADDITIONAL INLET PROTECTION SHALL BE PLACED AS DIRECTED.

POLYMER SHALL BE APPLIED TO DISTURBED AREAS AS DIRECTED BY THE CONSTRUCTION ENGINEER.

TYPE C INLET PROTECTION MAY ONLY BE INSTALLED IF RIGID FRAME INLET PROTECTION WILL NOT FIT STRUCTURE.

- FABRIC FLAPS MUST BE CUT TO LEAVE LESS THAN 6" AROUND GRATE.
- 2"x4" MUST BE INSTALLED AND EXTEND BEYOND CURB OPENINGS.
- FILTER MUST BE SECURED WITH WIRE OR PLASTIC TIES.
- FILTER FABRIC MUST BE CLEARED OF DEBRIS AFTER EACH RAIN EVENT, OR WEEKLY AT A MINIMUM.

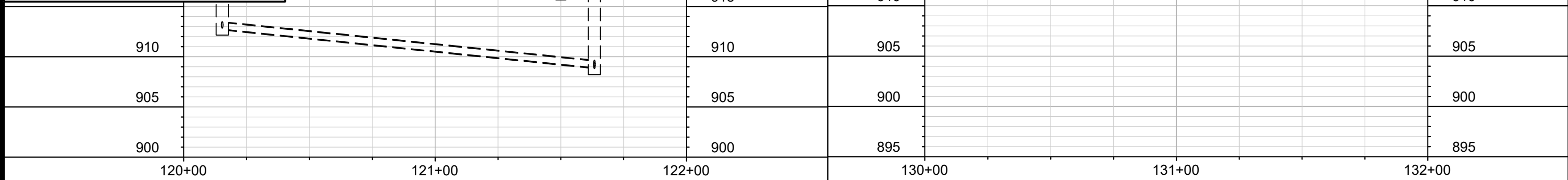
TRACKOUT CONTROL (CLEAR STONE & STREET SWEEPING AS NEEDED & AROUND STOCKPILES)

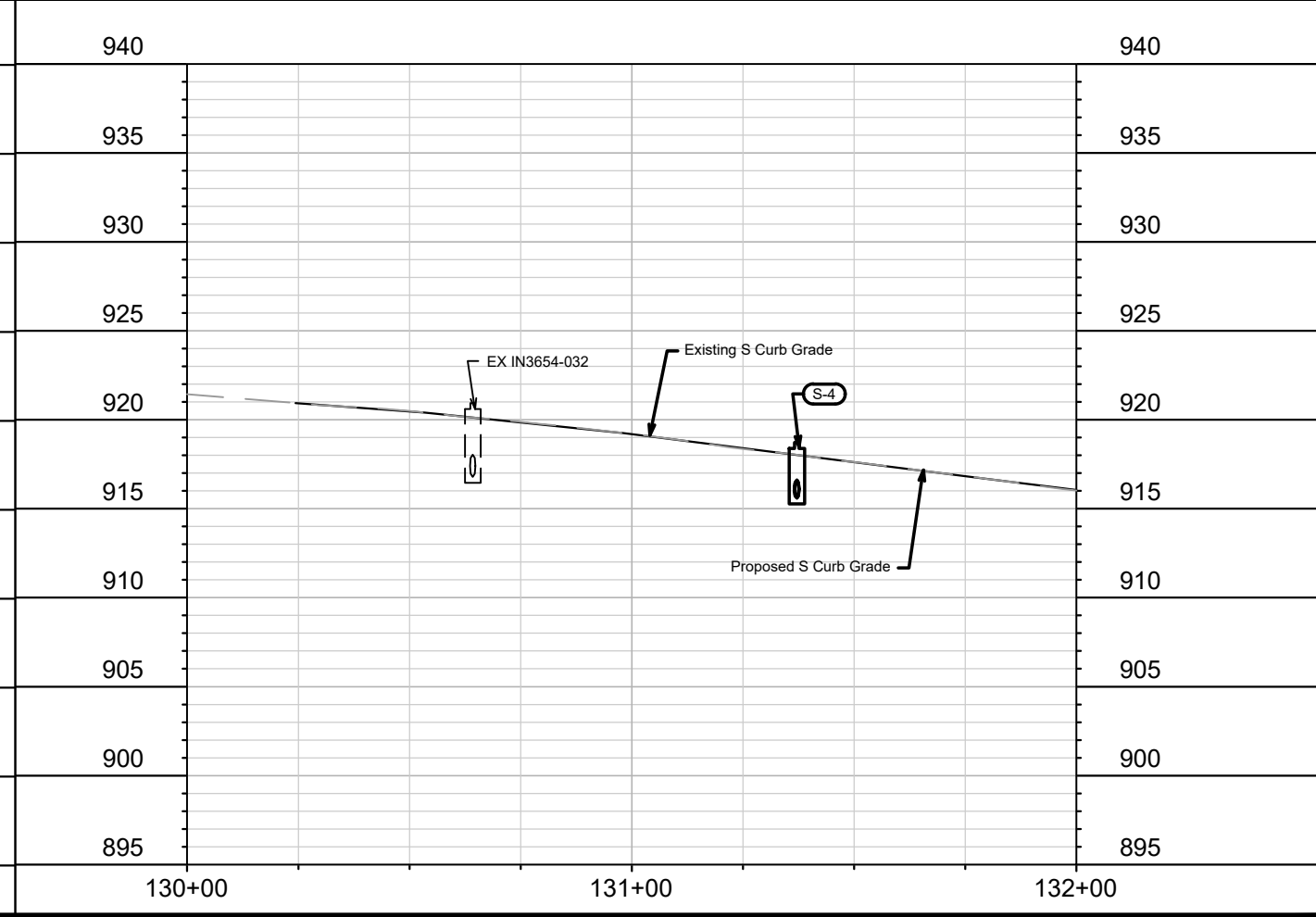
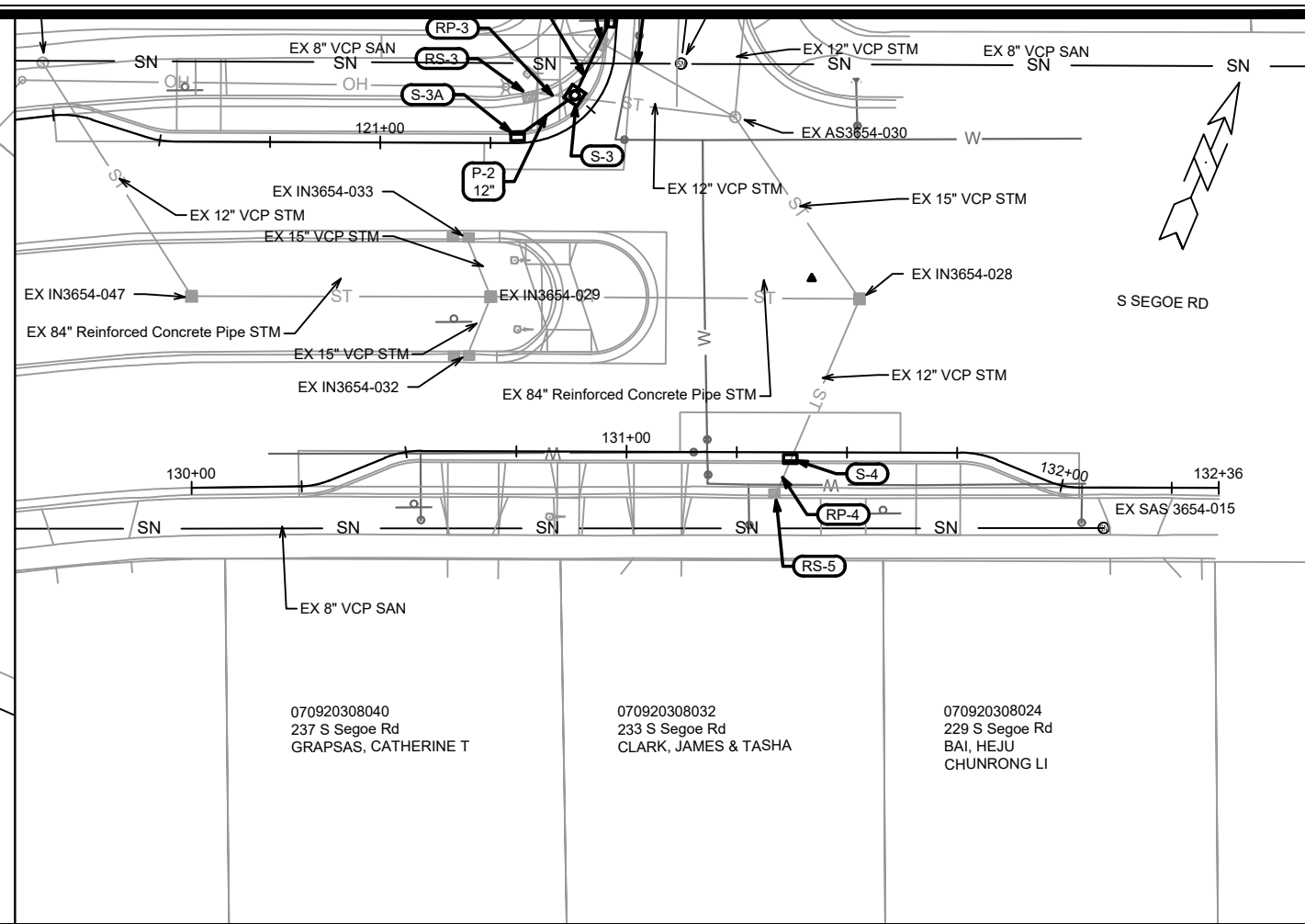
RIGID FRAME INLET PROTECTION

TYPE C INLET PROTECTION

TYPE "A" INLET PROTECTION

SILT SOCK (PLACE AS NEEDED & AROUND STOCKPILES)





	15200	S SEGOE RD - UTILITY PLAN & PROFILE		15200
	SR-3	SAFE STREETS 2025		MADISON, WI
M:\DESIGN\Projects\14658\CAD\Sewers\14658SWR-PipeNetwork_S Segoe_Richland.dwg		CONTRACT NO:		8800
		MARK	REVISION	DATE
		BY		
		Designed By: MFG	Date: 2/26/2025 8:32 AM	Scale: 1" = 40'
		15200		SR-3

STORM SEWER SCHEDULE *REVISED BY EKG: 7/30/25								SEGOE RICHLAND				SHEET NO.	
								PROJECT NO. 15200				SR-4	
								STORM SEWER SCHEDULE					
								CITY OF MADISON					

PROPOSED STORM STRUCTURES

STRUC. NO.	STATION	LOCATION (OFFSET)	TYPE	TOP OF CASTING	E.I.	DEPTH	NOTES
S SEGOE RD							
* S-3	121+50.01	LT-4.90	3X3 SAS	919.76	916.03	3.73	FP; W/R-1550-0054[1]
* S-3A	121+31.11	LT-1.53	H-INLET	920.45	916.11	4.34	W/R-3067-7004-V
* S-3B	121+71.52	LT-1.50	H-INLET	918.81	916.12	2.69	FP; LP; W/R-3067-7004-VB
* S-4	131+37.14	RT-1.50	H-INLET	918.40	915.60	2.80	FP; W/R-3067-7004-V[1]

PROPOSED STORM PIPES

PIPE NO.	FROM (DNSTM)	TO (UPSTM)	DISCH. E.I.	INLET E.I.	PLAN (PAY) LGTH (FT)	PIPE LGTH (FT)	SLOPE (%)	PIPE SIZE	TYPE	NOTES
S SEGOE RD										
P-2	S-3	S-3A	916.03	916.11	16	12	0.64%	12"	TYPE II	
* P-3	S-3	S-3B	916.03	916.12	19	16	0.57%	12"	RCP	

NOTE: PLAN LENGTH (PAY LENGTH) IS FROM CENTER OF STRUCTURE TO CENTER OF STRUCTURE. PIPE LENGTH IS ACTUAL LENGTH OF PIPE FROM STRUCTURE WALL TO STRUCTURE WALL. SLOPE CALCULATED USING

REMOVE STORM STRUCTURES

STRUC. NO.	STRUC. ID	STATION	LOCATION (OFFSET)	TYPE	TOP OF CASTING	DEPTH	NOTES
S SEGOE RD							
RS-3	IN3654-034	121+36.35	LT-10.61	H-INLET	919.58	3.50	
RS-4	IN3654-035	121+66.11	LT-2.96	H-INLET	918.67	2.65	
RS-5	IN3654-044	131+33.74	RT-9.96	H-INLET	918.30	2.65	

REMOVE AND ABANDON STORM PIPES

PIPE REMOVAL NO.	REMOVE FROM	REMOVE TO	LGTH (FT)	PAID (Y/N)	REM LGTH PAID (FT)	ABN LGTH (FT)	PIPE SIZE	PIPE TYPE	NOTES
S SEGOE RD									
RP-3	S-3	RS-3	10	Y	10	-	12"	VCP	
RP-4	S-4	RS-5	9	Y	9	-	12"	VCP	
ABAN P-1	AS3654-030	RS-4	34	Y	-	34	12"	VCP	

SPECIFIC NOTES

[1] CONNECT TO EXISTING 12" VCP PIPE

STANDARD NOTES:

- ABBREVIATIONS: AE = APRON ENDWALL; RCP = REINFORCED CONCRETE PIPE; HERCP = HORIZONTAL ELLIPTICAL REINFORCED CONCRETE PIPE; DNA = DOES NOT APPLY; SAS = SEWER ACCESS STRUCTURE; LP = LOW POINT INLET STRUCTURE; FP = FIELD POURED STRUCTURE; TR = TOP OF CONCRETE ROOF; NCM = NO CROWN MATCH FOR PIPES; UD = UNDERDRAIN

- TOP OF CASTING GRADE GIVEN IS THE TOP OF CURB FOR INLET STRUCTURES AND THE FLOWLINE OF THE CLOSED CASTING FOR SASs.

- TOP OF CONCRETE ROOF (TR) IS 1.25 BELOW TOP OF CASTING UNLESS OTHERWISE NOTED.

- ALL REINFORCED CONCRETE PIPES TO BE CLASS III UNLESS OTHERWISE NOTED.

- SURVEYOR TO CONFIRM THAT ALL INLET STATION / OFFSETS LINE UP WITH PROPOSED CURB AND GUTTER.

-ALL REBAR FOR FIELD POUR STRUCTURES SHALL BE EPOXY COATED. ANY EXPOSED STEEL SHALL BE TOUCHED UP OR RECOATED PRIOR TO USE.

-ALL FIELD POURED SAS STORM STRUCTURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD DETAIL DRAWING 5.7.3.

-ALL PRECAST SAS STORM STRUCTURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD DETAIL DRAWING 5.7.5.

- ALL STRUCTURES CALLED OUT AS FIELD POURED SHALL BE FIELD POURED. ALL OTHER STRUCTURES (NOT INDICATED AS FIELD POURED) SHALL BE SUBMITTED TO CITY ENGINEERING FOR APPROVAL IF PRECAST STRUCTURES ARE PREFERRED. CONTACT ERIN GETER OF CITY ENGINEERING AT (608) 266-4058 FOR PRECAST APPROVALS, FAX SHOP DRAWINGS TO (608)264-9275, OR EMAIL SHOP DRAWINGS TO EGETER@CITYOFMADISON.COM.

GENERAL NOTES

TS #1

1. INSTALL TYPE GR BASE, PEDESTRIAN PUSH BUTTON, AND 15' SIGNAL POLE ON PEDESTRIAN PEDESTAL.
2. REINSTALL SIGNS AS SHOWN IN DETAIL.
3. REINSTALL SOLAR PANEL AND DC CONVERTER ON POLE.

TS #2

1. INSTALL TYPE GR BASE, AND 15' SIGNAL POLE ON PEDESTRIAN PEDESTAL.
2. REINSTALL SIGNS AS SHOWN IN DETAIL.
3. REINSTALL SOLAR PANEL AND DC CONVERTER ON POLE.

TS#3

1. INSTALL TYPE GR BASE, PEDESTRIAN PUSH BUTTON, AND 15' SIGNAL POLE ON PEDESTRIAN PEDESTAL.
2. REINSTALL SIGNS AS SHOWN IN DETAIL.
3. REINSTALL SOLAR PANEL AND DC CONVERTER ON POLE.

EX. 1

1. EXISTING BASE AND EQUIPMENT TO REMAIN.
2. CONTRACTOR MAY REMOVE SIGNAL POLE AND EQUIPMENT TO FACILITATE CONCRETE WORK.

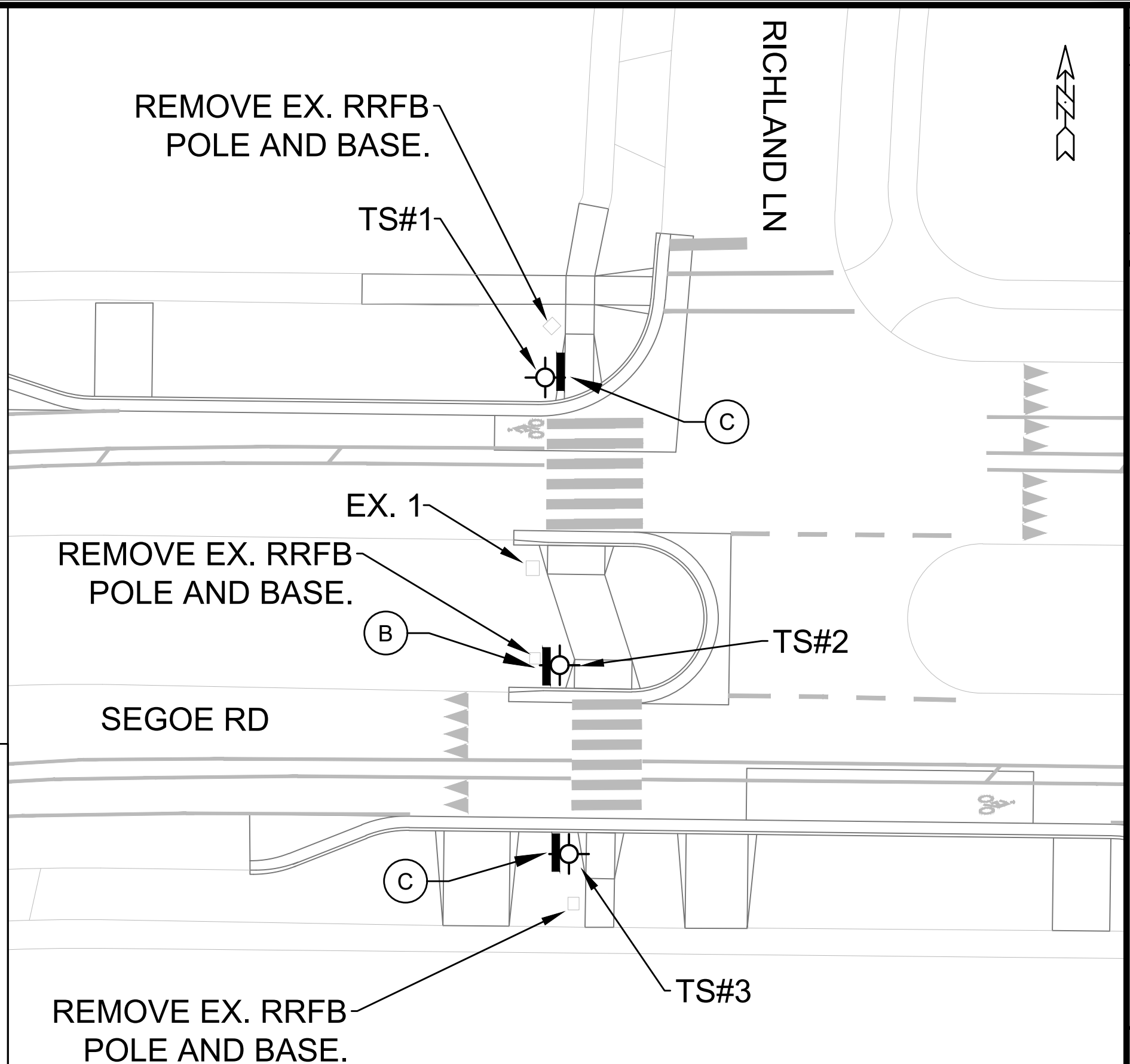
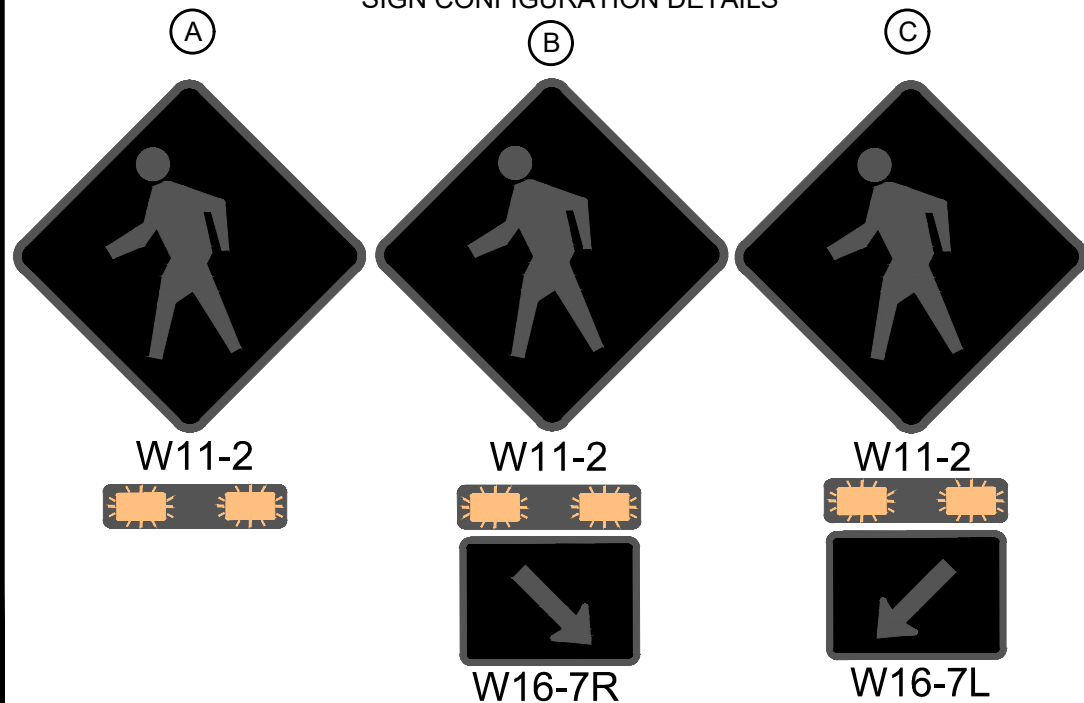
NOTES:

1. PAVEMENT MARKINGS BY OTHERS.
2. CONTRACTOR TO SALVAGE ALL RRFB EQUIPMENT AND REINSTALL IS POSSIBLE.
3. CONTRACTOR TO INSTALL CARMANAH SYSTEM OR EQUIVALENT IF REPLACEMENT PARTS ARE NECESSARY.
4. PROGRAM FLASH FOR 20 SECONDS.

Contractor shall conform to the 2019 Work Zone Safety Guidelines for Construction, Maintenance & Utility Operations booklet

BASES SHALL BE LOCATED IN THE FIELD BY LUKAS COLLINS (608-216-9625)

SIGN CONFIGURATION DETAILS



MARK		REVISION		DATE	BY
Designed By LMC		Date	2/26/2025 8:32 AM	Scale: 1" = 30'	
15200				SR-5	

15200

CITY OF MADISON

0088

CONTRACT NO:

RRFB - SEGOE AND RICHLAND

SAFE STREETS 2025

M:\DESIGN\Projects\14658\CAD\Traffic\RRFB - Segoe and Richland.dwg



15200

SR-5

		60416	60417	60243	60424	90011	90013	90017	90038	90038	90040	90016	90020	COMMENTS		
		FURNISH & INSTALL		REMOVE		FURNISH & INSTALL									FURNISH & INSTALL	
		TYPE LB-8R	TYPE GR	TRAFFIC SIGNAL	TRAFFIC SIGNAL	20-FT, 7 GUAGE	TRAFFIC SIGNAL	20-FT TROMBONE	ACC PED	ACC PED	PEDESTAL	6-SIGN RRFB	POST MOUNTED			
STRUCTURE	BASE	BASE	POLE	BASE	POLE	POLE	ARM	PUSH BUTTON, SINGLE ARROW	PUSH BUTTON, DOUBLE ARROW	BASES	SYSTEM	RRFB SYSTEM				
		(EACH)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)		
SEGOE AND RICHLAND	TS1	-	1	1	1	-	-	-	1	-	1	-	-	PEDESTAL BASES TO BE WISDOT ITEM 657.0100		
	TS2	-	1	1	1	-	-	-	-	-	1	-	-			
	TS3	-	1	1	1	-	-	-	1	-	1	-	-	20-FT TROMBONE ARM TO BE WISDOT ITEM 657.0595		
SUBTOTAL		0	3	3	3	0	0	0	2	0	3	0	0			





15200

SR-6

SEGOE AND RICHLAND - MISC. QUANTITIES

SAFE STREETS 2025

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15200

MADISON, WI

CONTRACT NO: 8800

MARK

DESIGNED BY: MFG

15200

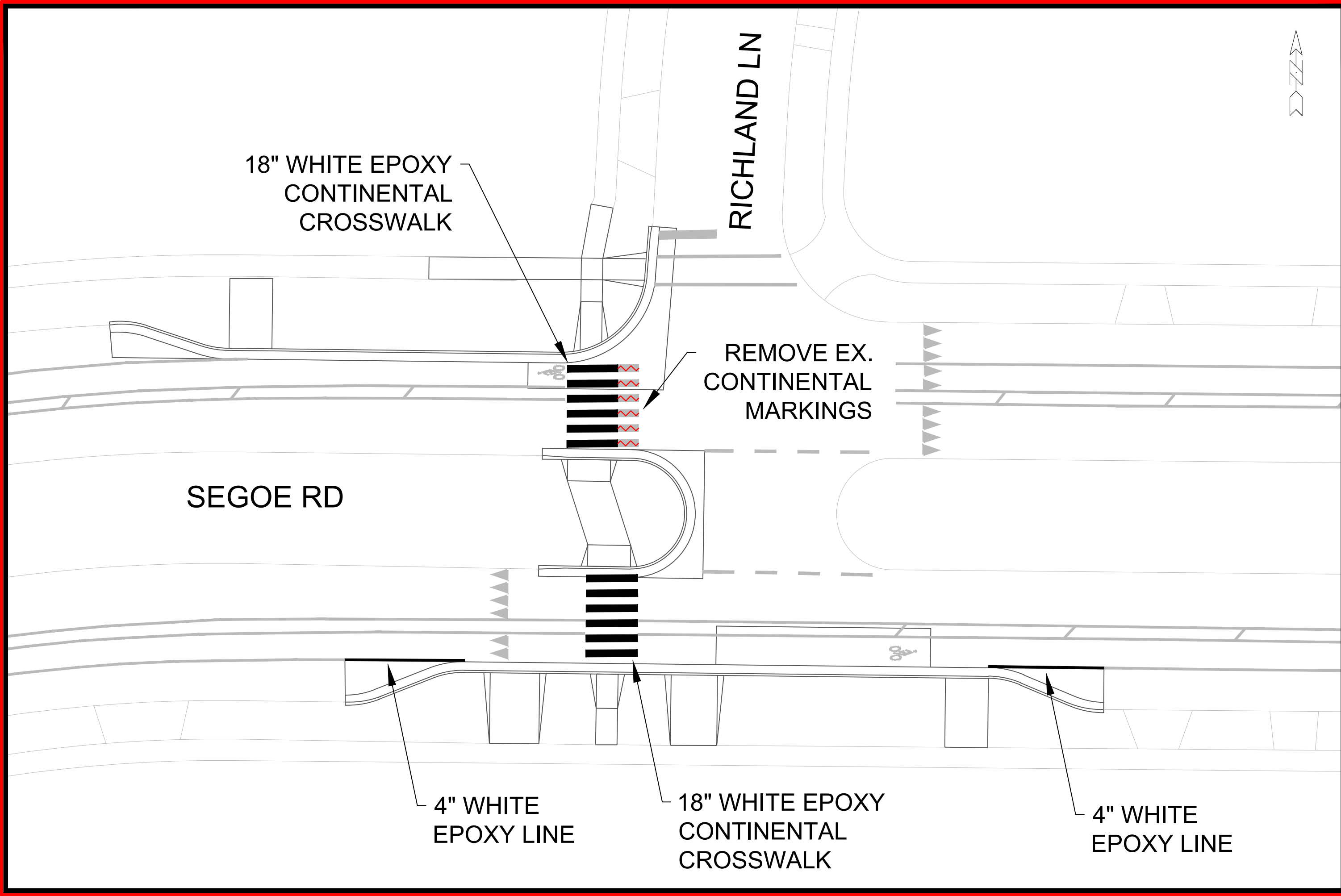
REVISION

DATE

BY

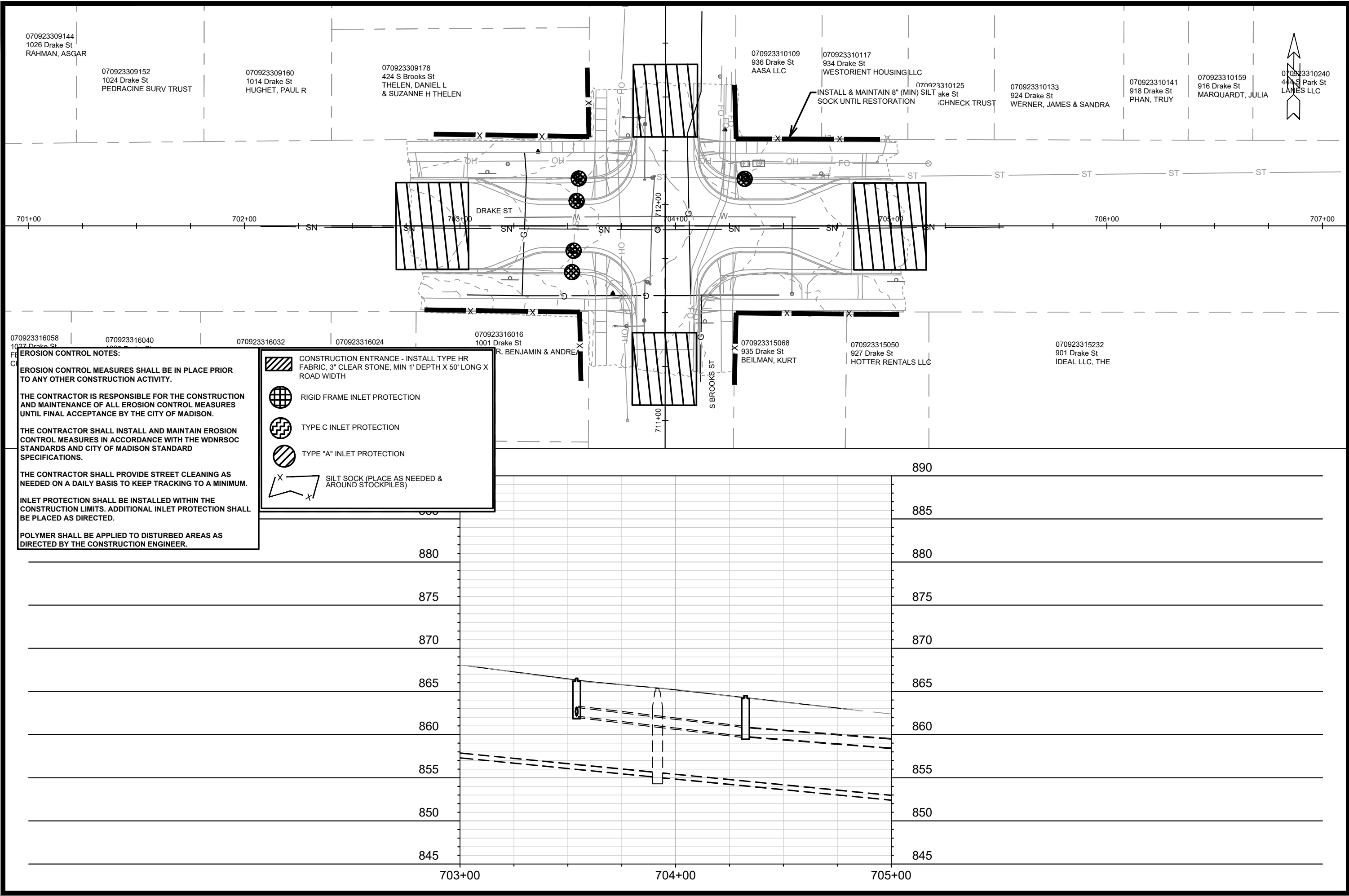
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SR-6



PAVEMENT MARKING PLAN - SEGOE AND RICHLAND		15200
SAFE STREETS 2025		MADISON, WI
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CONTRACT NO:		SR-7
15200		SR-7

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SR-7			



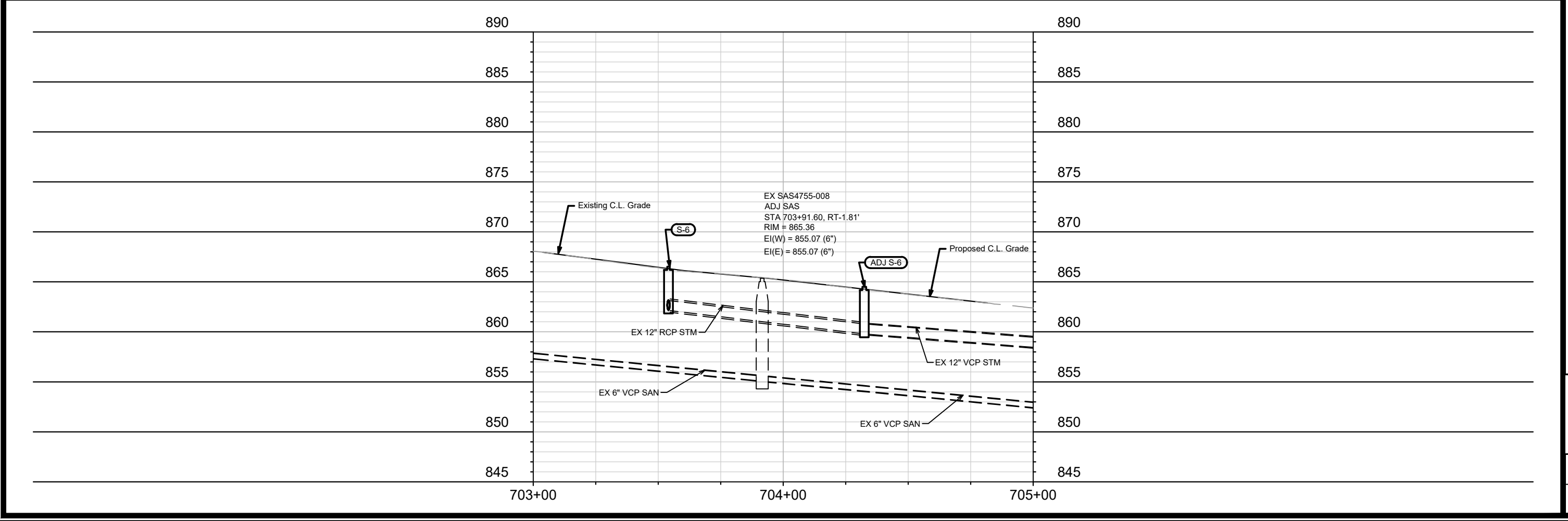
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EROSION CONTROL PLAN - DRAKE ST		SAFE STREETS 2025		M:\DESIGN\Projects\14658\CAD\Sewers\14658SWR-PipeNetwork_Drake_Brooks.dwg	
15200		DB-1			

DATE	BY
2/27/2025 3:59 PM	MARK

REVISION	DATE	BY
1		

Scale: 1" = 40'

DB-1





15200
DB-3

DRAKE ST - UTILITY PLAN & PROFILE

SAFE STREETS 2025

MADISON, WI

15200

8800

CONTRACT NO:

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Scale: 1" = 40'

DB-3

SANITARY SEWER SCHEDULE

DRAKE AND BROOKS
PROJECT NO. 15200

SHEET NO.
DB-4

SANITARY SEWER SCHEDULE

CITY OF MADISON

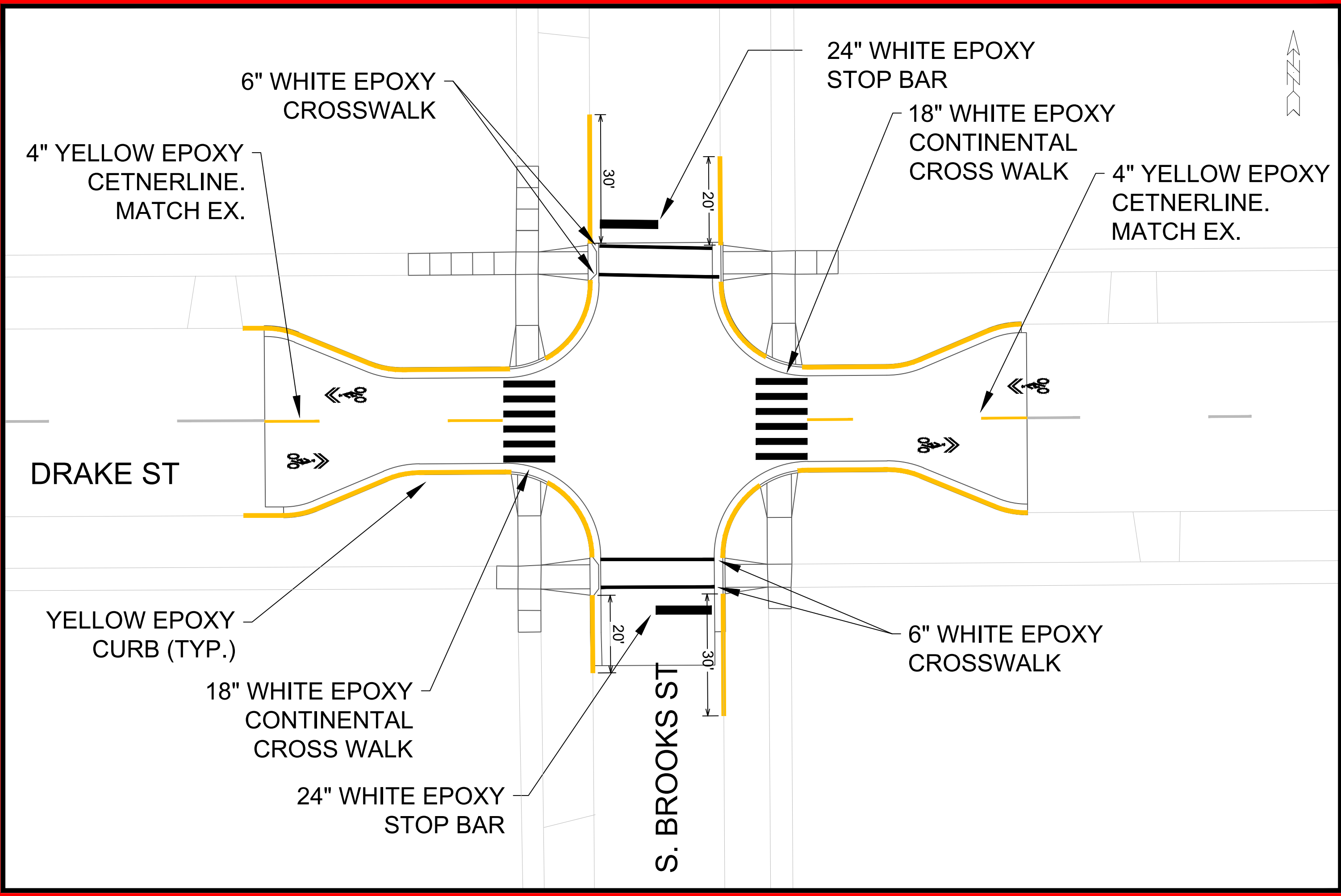
ADJUST EXISTING SANITARY STRUCTURES

SAS NO.	STATION	LOCATION (OFFSET)	TOC	PROP TOC	ADJ (FT)	NOTES
DRAKE ST						
SAS4755-008	703+91.60	RT-1.81	865.33	865.41	0.08	[1]

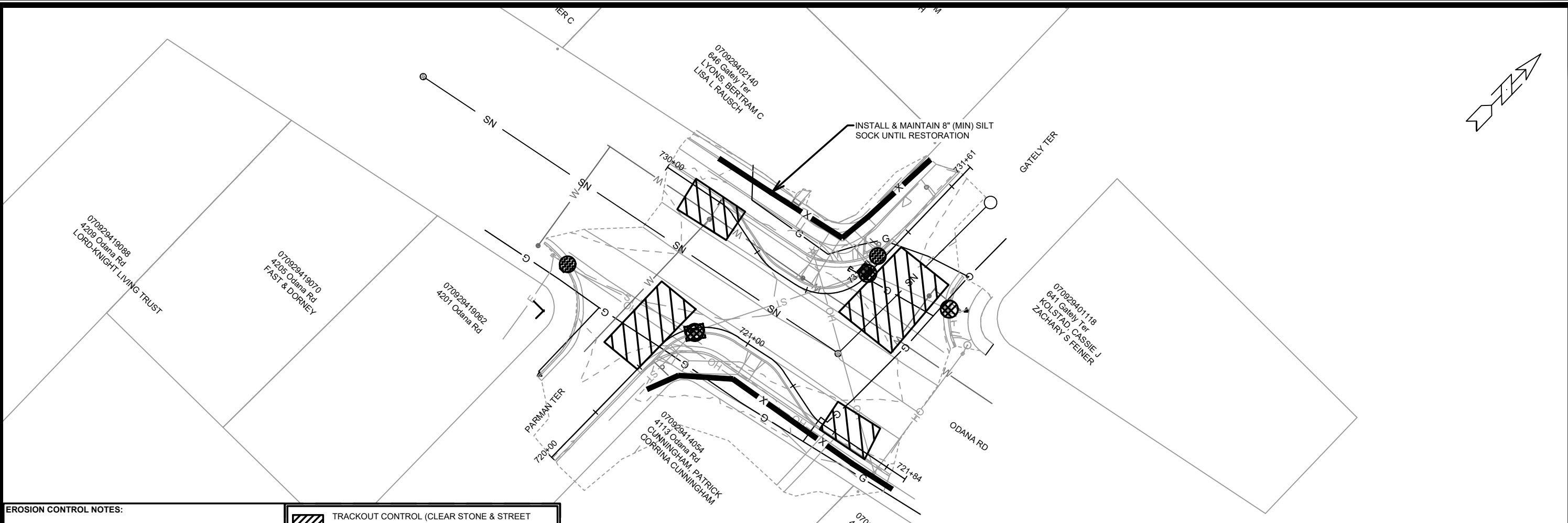
SPECIFIC NOTES

[1] MATCH NEW STREET GRADE

						DRAKE AND BROOKS		SHEET NO.		
						PROJECT NO. 15200		DB-5		
STORM SEWER SCHEDULE										
CITY OF MADISON										
PROPOSED STORM STRUCTURES										
STRUC. NO.	STATION	LOCATION (OFFSET)	TYPE	TOP OF CASTING	E.I.	DEPTH	NOTES			
DRAKE ST										
S-5	703+52.58	RT-11.50	H-INLET	866.58	862.29	4.29	FP; W/R-3067-7004-V[1]			
S-6	703+54.11	LT-11.50	H-INLET	866.52	862.17	4.35	FP; W/R-3067-7004-V[1]			
REMOVE STORM STRUCTURES										
STRUC. NO.	STRUC. ID	STATION	LOCATION (OFFSET)	TYPE	TOP OF CASTING	DEPTH	NOTES			
DRAKE ST										
RS-6	IN4755-087	703+52.08	RT-21.05	H-INLET	866.07	3.73				
ADJUST EXISTING STORM STRUCTURES										
STRUC. NO.	ID NO.	STATION	LOCATION (OFFSET)	EX TOC	PROP TOC	ADJ (FT)	NOTES			
DRAKE ST										
ADJ S-5	IN4755-085	703+54.74	LT-22.15	866.22	866.30	0.08	[2]			
ADJ S-6	IN4755-086	43+99.52	LT-1.38	864.28	864.51	0.23	[2]			



PAVEMENT MARKING PLAN - DRAKE AND BROOKS		15200	
SAFE STREETS 2025		MADISON, WI	
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Designed By: MFG		Scale: 1" = 20'	15200



EROSION CONTROL NOTES:

EROSION CONTROL MEASURES SHALL BE IN PLACE PRIOR TO ANY OTHER CONSTRUCTION ACTIVITY.

THE CONTRACTOR IS RESPONSIBLE FOR THE CONSTRUCTION AND MAINTENANCE OF ALL EROSION CONTROL MEASURES UNTIL FINAL ACCEPTANCE BY THE CITY OF MADISON.

THE CONTRACTOR SHALL INSTALL AND MAINTAIN EROSION CONTROL MEASURES IN ACCORDANCE WITH THE WDNR SOC STANDARDS AND CITY OF MADISON STANDARD SPECIFICATIONS.

THE CONTRACTOR SHALL PROVIDE STREET CLEANING AS NEEDED ON A DAILY BASIS TO KEEP TRACKING TO A MINIMUM.

INLET PROTECTION SHALL BE INSTALLED WITHIN THE CONSTRUCTION LIMITS. ADDITIONAL INLET PROTECTION SHALL BE PLACED AS DIRECTED.

POLYMER SHALL BE APPLIED TO DISTURBED AREAS AS DIRECTED BY THE CONSTRUCTION ENGINEER.

TRACKOUT CONTROL (CLEAR STONE & STREET SWEEPING AS NEEDED & AROUND STOCKPILES)

RIGID FRAME INLET PROTECTION

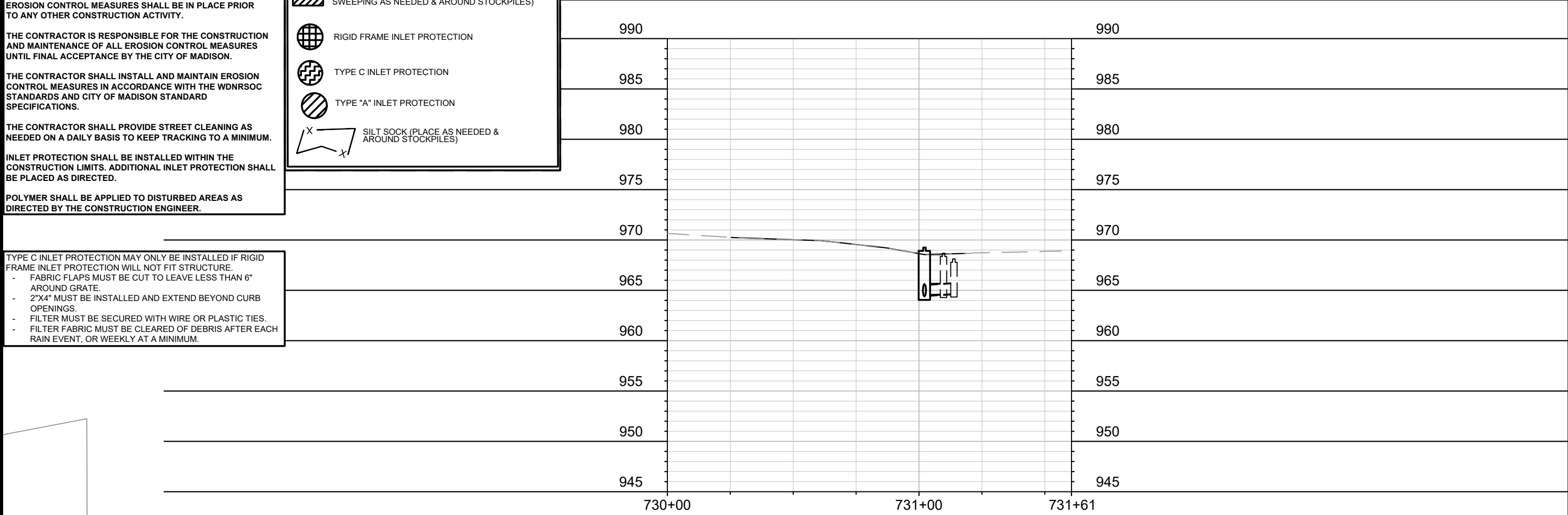
TYPE C INLET PROTECTION

TYPE "A" INLET PROTECTION

SILT SOCK (PLACE AS NEEDED & AROUND STOCKPILES)

TYPE C INLET PROTECTION MAY ONLY BE INSTALLED IF RIGID FRAME INLET PROTECTION WILL NOT FIT STRUCTURE.

- FABRIC FLAPS MUST BE CUT TO LEAVE LESS THAN 6" AROUND GRATE.
- 2"x4" MUST BE INSTALLED AND EXTEND BEYOND CURB OPENINGS.
- FILTER MUST BE SECURED WITH WIRE OR PLASTIC TIES.
- FILTER FABRIC MUST BE CLEARED OF DEBRIS AFTER EACH RAIN EVENT, OR WEEKLY AT A MINIMUM.



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15200

OD-1

EROSION CONTROL PLAN - ODANA RD

SAFE STREETS 2025

MADISON, WI

CONTRACT NO:

15200

8800

OD-1

MARK

REVISION

DATE

BY

Designed By: MFG

Date: 2/26/2025 8:33 AM

Scale: 1" = 40'

070929402140
646 Gately Ter
LYONS, BERTRAM C
LISA L RAUSCH

070929414054
4113 Odana Rd
CUNNINGHAM, PATRICK
CORRINA CUNNINGHAM

- NOTES:
- RESTORE DISTURBED AREAS WITH TOPSOIL SEED AND MAT
 - FINAL ASPHALT PATCHING LIMITS TO BE DETERMINED IN FIELD BY CONSTRUCTION ENGINEER
 - RADII DIMENSIONED TO EDGE OF PAVEMENT
 - ALL CURB RAMPS ARE 7" CONCRETE
 - ALL SIDEWALK AND KEYSTONES ARE 5" CONCRETE

LEGEND

- 2" FULL WIDTH GRINDING HMA PAVEMENT 4LT 58-28 S
- SAWCUT ASPHALT PAVEMENT

070929402140
646 Gately Ter
LYONS, BERTRAM C
LISA L RAUSCH

070929414054
4113 Odana Rd
CUNNINGHAM, PATRICK
CORRINA CUNNINGHAM

ODANA/GATELY EP PROFILE

ODANA/PARMAN EP PROFILE

DATE	BY
2/26/2025	8:33 AM
REVISION	MARK
15200	OD-2

15200
MADISON, WI
CONTRACT NO: 8800

ODANA PARMAN GATELY PLAN & PROFILE
SAFE STREETS 2025



15200
OD-2

STORM SEWER SCHEDULE

ODANA GATELY PARMAN
PROJECT NO. 15200

SHEET NO.
OD-4

STORM SEWER SCHEDULE

CITY OF MADISON

REMOVE STORM STRUCTURES

STRUC. NO.	STRUC. ID	STATION	LOCATION (OFFSET)	TYPE	TOP OF CASTING	DEPTH	NOTES
GATELY TER							
RS-7	IN3860-011	731+09.71	LT-3.01	H-INLET	968.68	4.07	

ADJUST EXISTING STORM STRUCTURES

STRUC. NO.	ID NO.	STATION	LOCATION (OFFSET)	EX TOC	PROP TOC	ADJ (FT)	NOTES
ODANA RD							
ADJ S-7	AS3860-002	720+77.22	RT-1.54	969.53	970.30	0.77	[1][2]
GATELY TER							
ADJ S-8	AS3860-001	731+02.11	LT-1.50	968.50	969.25	0.75	[3][4]

SPECIFIC NOTES

[1] RECONSTRUCT STORM ACCESS STRUCTURE AS H INLET W/R-3067-7004-VB CASTING

[2] EXISTING STRUCTURE TYPE IS 4X4 SAS

[3] RECONSTRUCT STORM ACCESS STRUCTURE AS H INLET W/R-3067-7004-V CASTING

[4] EXISTING STRUCTURE TYPE IS 5X7 SAS

REMOVE AND ABANDON STORM PIPES

PIPE REMOVAL NO.	REMOVE FROM	REMOVE TO	LGTH (FT)	PAID (Y/N)	REM LGTH PAID (FT)	ABN LGTH (FT)	PIPE SIZE	PIPE TYPE	NOTES
GATELY TER									
RP-6	ADJ-7	RS-7	8	N	8	-	12"	VCP	

STANDARD NOTES:

- ABBREVIATIONS: AE = APRON ENDWALL; RCP = REINFORCED CONCRETE PIPE; HERCP = HORIZONTAL ELLIPTICAL REINFORCED CONCRETE PIPE; DNA = DOES NOT APPLY; SAS = SEWER ACCESS STRUCTURE; LP = LOW POINT INLET STRUCTURE; FP = FIELD POURED STRUCTURE; TR = TOP OF CONCRETE ROOF; NCM = NO CROWN MATCH FOR PIPES; UD = UNDERDRAIN

- TOP OF CASTING GRADE GIVEN IS THE TOP OF CURB FOR INLET STRUCTURES AND THE FLOWLINE OF THE CLOSED CASTING FOR SASs.

- TOP OF CONCRETE ROOF (TR) IS 1.25 BELOW TOP OF CASTING UNLESS OTHERWISE NOTED.

- ALL REINFORCED CONCRETE PIPES TO BE CLASS III UNLESS OTHERWISE NOTED.

- SURVEYOR TO CONFIRM THAT ALL INLET STATION / OFFSETS LINE UP WITH PROPOSED CURB AND GUTTER.

-ALL REBAR FOR FIELD POUR STRUCTURES SHALL BE EPOXY COATED. ANY EXPOSED STEEL SHALL BE TOUCHED UP OR RECOATED PRIOR TO USE.

-ALL FIELD POURED SAS STORM STRUCTURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD DETAIL DRAWING 5.7.3.

-ALL PRECAST SAS STORM STRUCTURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD DETAIL DRAWING 5.7.5.

- ALL STRUCTURES CALLED OUT AS FIELD POURED SHALL BE FIELD POURED. ALL OTHER STRUCTURES (NOT INDICATED AS FIELD POURED) SHALL BE SUBMITTED TO CITY ENGINEERING FOR APPROVAL IF PRECAST STRUCTURES ARE PREFERRED. CONTACT ERIN GETER OF CITY ENGINEERING AT (608) 266-4058 FOR PRECAST APPROVALS, FAX SHOP DRAWINGS TO (608)264-9275, OR EMAIL SHOP DRAWINGS TO EGETER@CITYOFMADISON.COM.

GENERAL NOTES

TS #1

1. INSTALL BID ITEM 90042 - SOLAR-POWERED RECTANGULAR RAPID FLASHING BEACON - POST MOUNTED SYSTEM.
2. INSTALL POLE 2' OFF EDGE OF PEDESTRIAN RAMP.

TS #2

1. INSTALL BID ITEM 90042 - SOLAR-POWERED RECTANGULAR RAPID FLASHING BEACON - POST MOUNTED SYSTEM.
2. INSTALL POLE 2' OFF EDGE OF PEDESTRIAN RAMP.

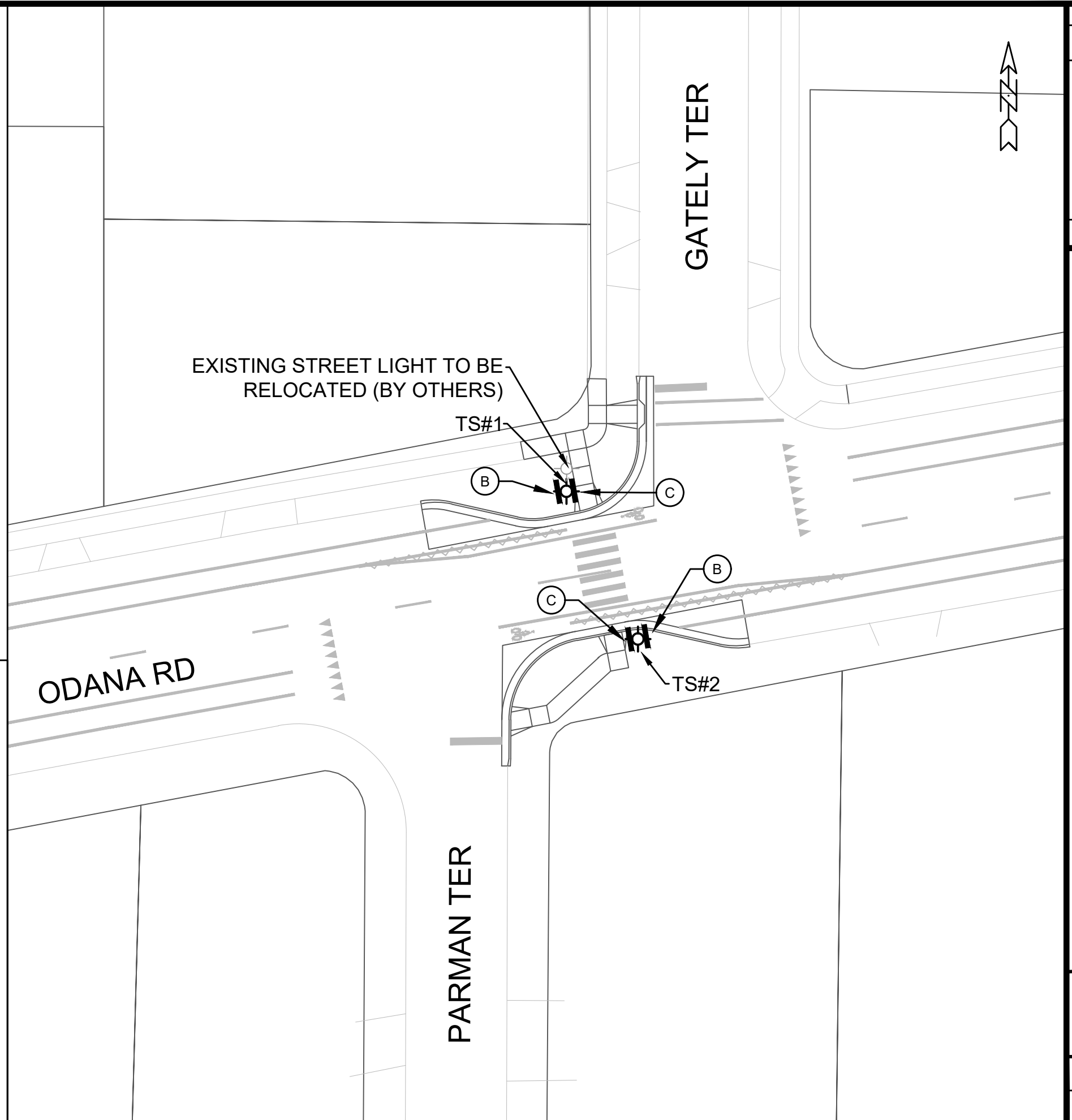
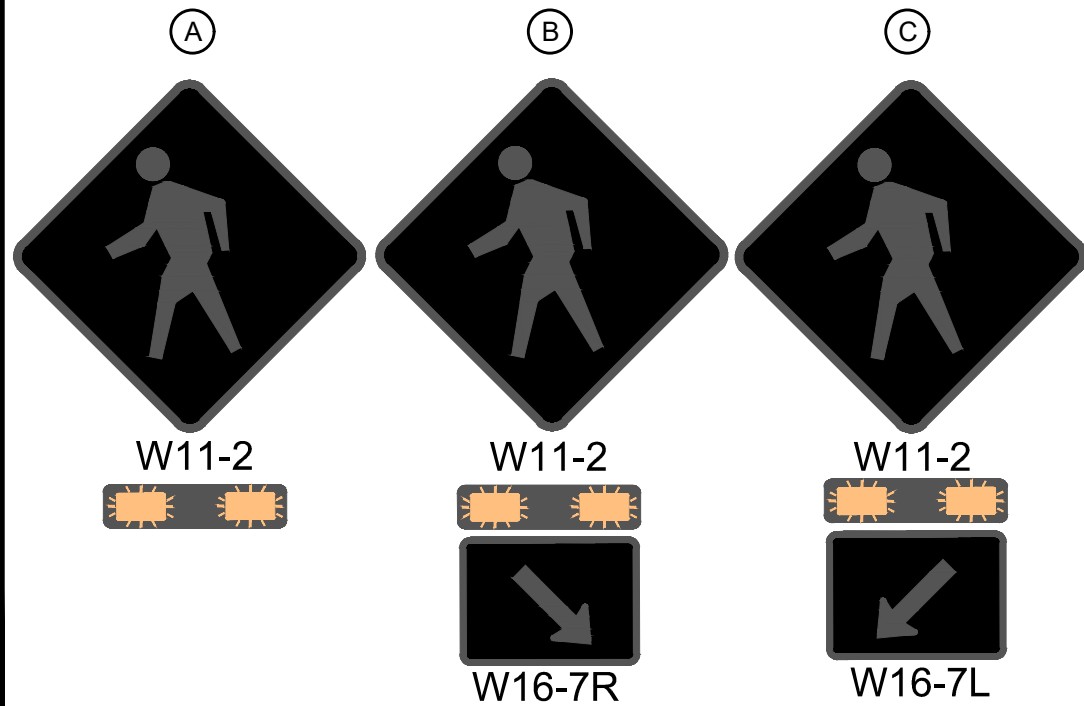
NOTES:

1. PAVEMENT MARKINGS BY OTHERS.
2. FLASH TIME TO BE SET AT 10 SECONDS.

POLES SHALL BE LOCATED IN THE FIELD BY LUKAS COLLINS (608-261-9625)

Contractor shall conform to the 2019 Work Zone Safety Guidelines for Construction, Maintenance & Utility Operations booklet

SIGN CONFIGURATION DETAILS

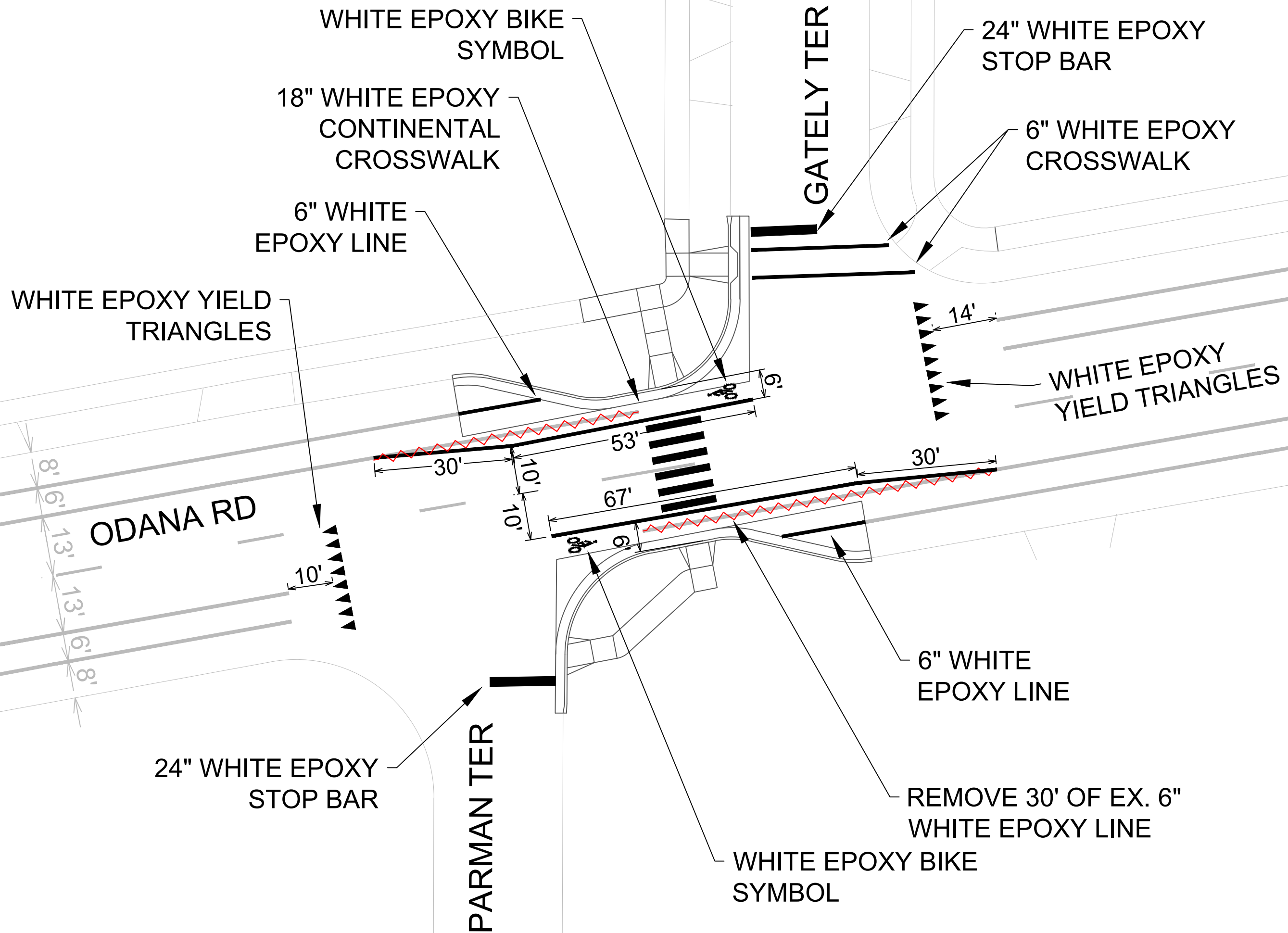
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15200
CITY OF MADISON
CONTRACT NO: 8800

RRFB ODANA RD AND PARMAN/GATELY TER
SAFE STREETS 2025
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15200
OD-5

[illegible]

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REVISION 1: MFG 7/09/25
ADJUSTED SIDEWALK TO ACCOMMODATE
HOMEOWNER REQUEST

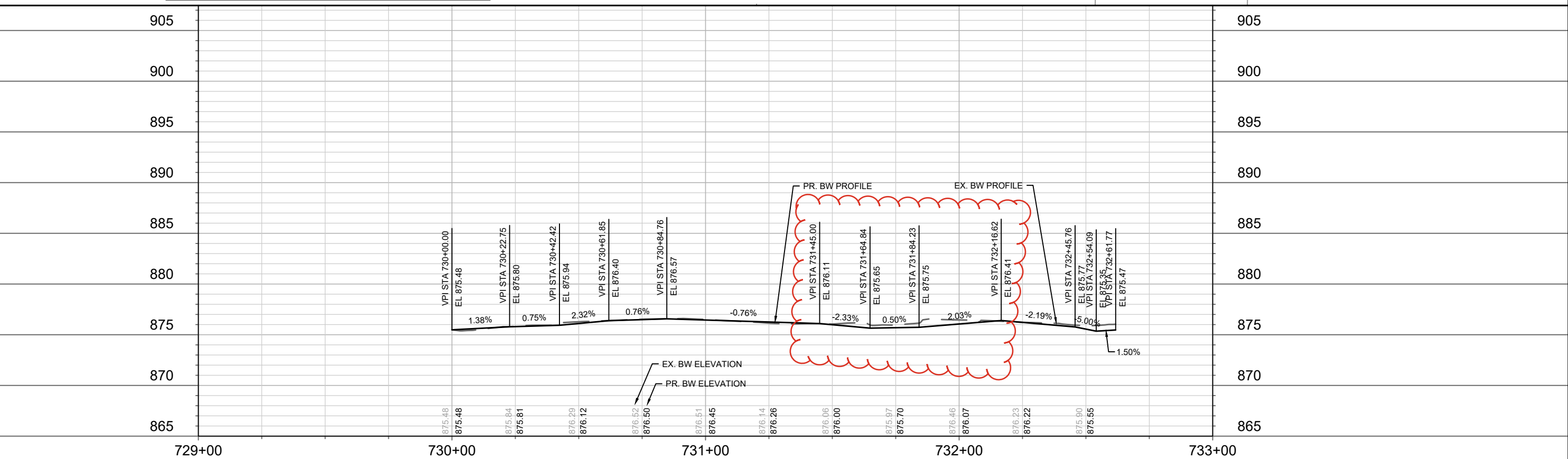
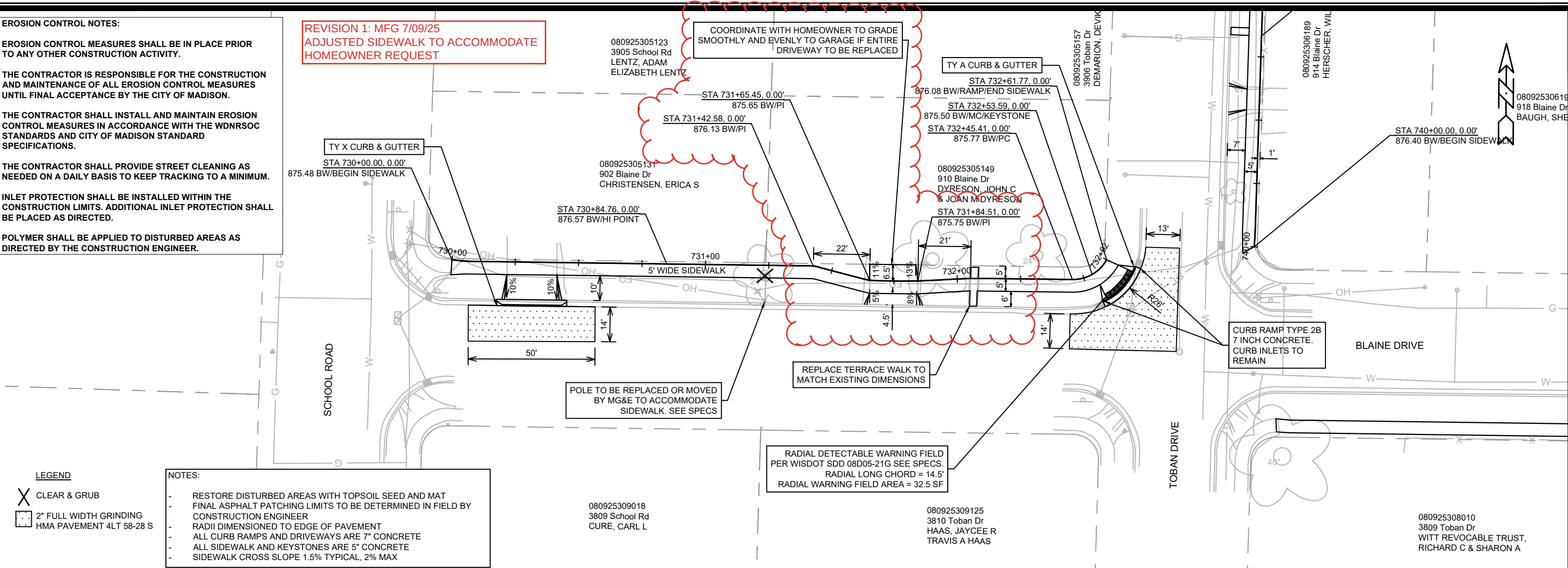
LEGEND

X CLEAR & GRUB

2" FULL WIDTH GRINDING
HMA PAVEMENT 4LT 58-28 S

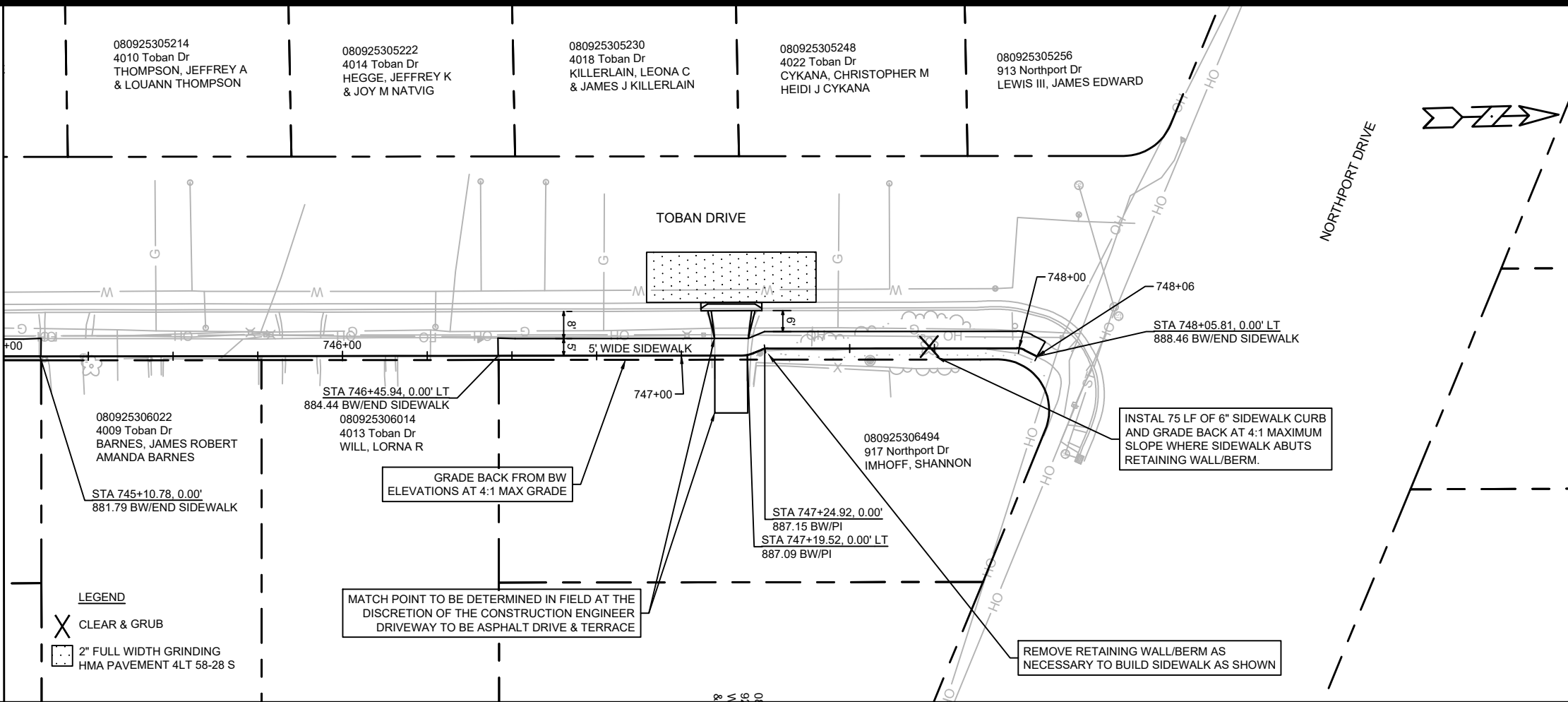
NOTES:

- RESTORE DISTURBED AREAS WITH TOPSOIL SEED AND MAT
- FINAL ASPHALT PATCHING LIMITS TO BE DETERMINED IN FIELD BY CONSTRUCTION ENGINEER
- RADII DIMENSIONED TO EDGE OF PAVEMENT
- ALL CURB RAMPS AND DRIVEWAYS ARE 7" CONCRETE
- ALL SIDEWALK AND KEYSTONES ARE 5" CONCRETE
- SIDEWALK CROSS SLOPE 1.5% TYPICAL, 2% MAX



15200	MADISON, WI	8800	BT-1
CONTRACT NO: 8800			
SAFE STREETS 2025			
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CITY OF MADISON WISCONSIN			
15200			
BT-1			

MATCH LINE 745+00.00



LEGEND

- X CLEAR & GRUB
- 2" FULL WIDTH GRINDING HMA PAVEMENT 4LT 58-28 S

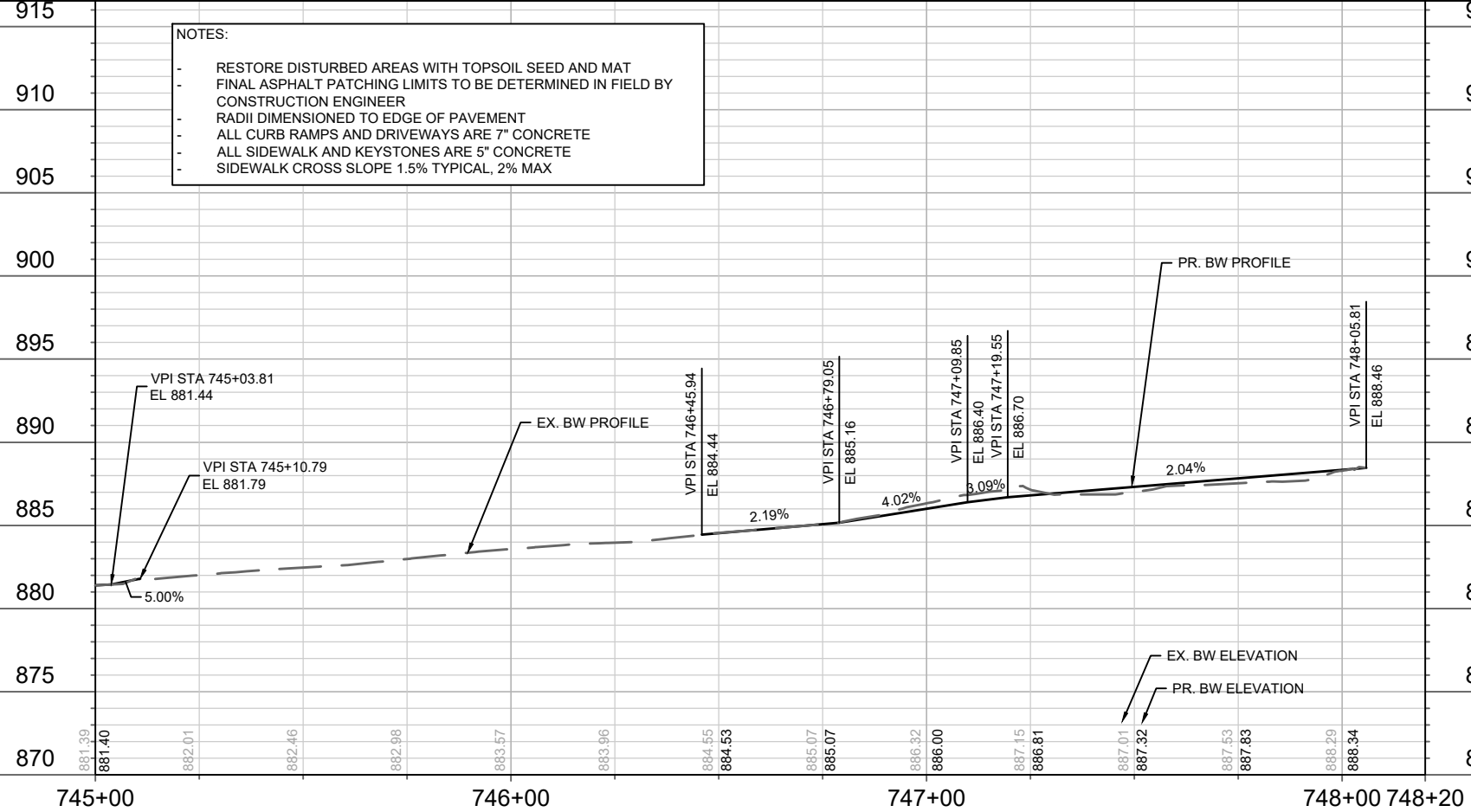
MATCH POINT TO BE DETERMINED IN FIELD AT THE DISCRETION OF THE CONSTRUCTION ENGINEER DRIVEWAY TO BE ASPHALT DRIVE & TERRACE

INSTALL 75 LF OF 6" SIDEWALK CURB AND GRADE BACK AT 4:1 MAXIMUM SLOPE WHERE SIDEWALK ABUTS RETAINING WALL/BERM.

REMOVE RETAINING WALL/BERM AS NECESSARY TO BUILD SIDEWALK AS SHOWN

NOTES:

- RESTORE DISTURBED AREAS WITH TOPSOIL SEED AND MAT
- FINAL ASPHALT PATCHING LIMITS TO BE DETERMINED IN FIELD BY CONSTRUCTION ENGINEER
- RADII DIMENSIONED TO EDGE OF PAVEMENT
- ALL CURB RAMPS AND DRIVEWAYS ARE 7" CONCRETE
- ALL SIDEWALK AND KEYSTONES ARE 5" CONCRETE
- SIDEWALK CROSS SLOPE 1.5% TYPICAL, 2% MAX

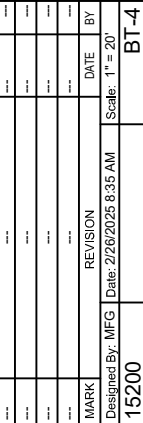


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15200		MADISON, WI		CONTRACT NO: 8800	
TOBAN SIDEWALK PLAN & PROFILE		SAFE STREETS 2025		M:\DESIGN\Projects\14658\CAD\Streets\14658EN-PnP_Toban_Blaine.dwg	
BT-3		15200		BT-3	

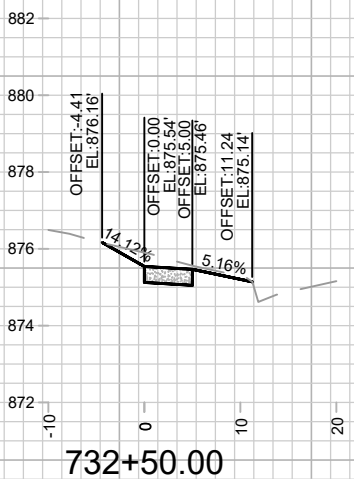
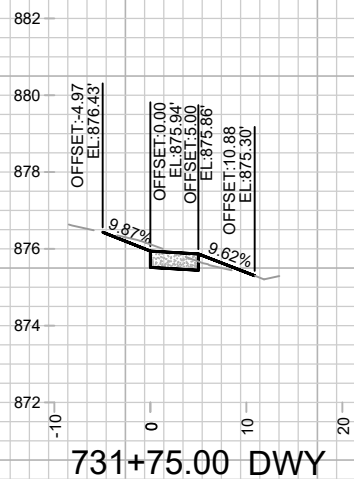
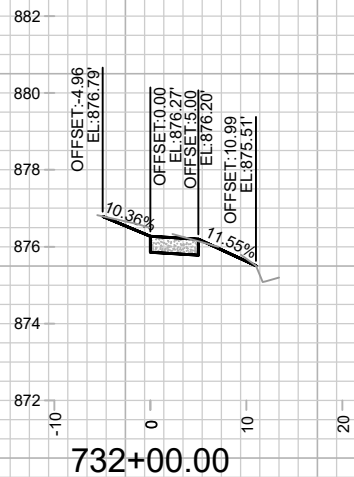
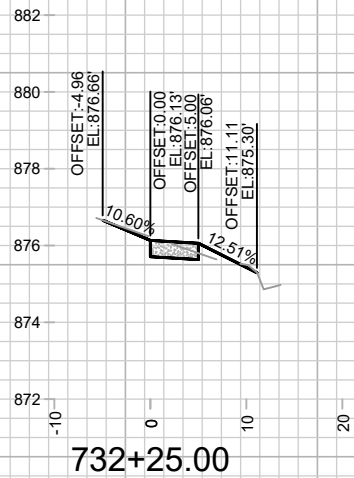
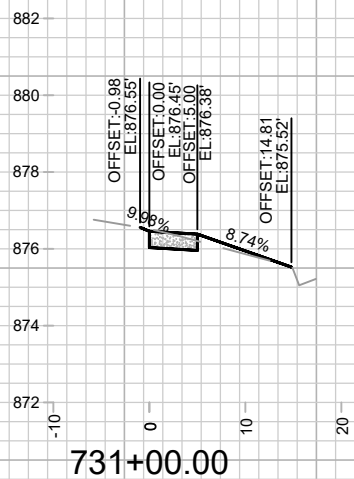
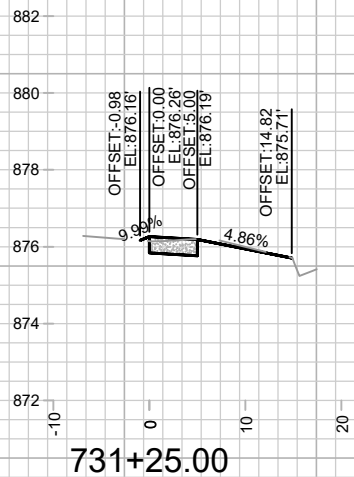
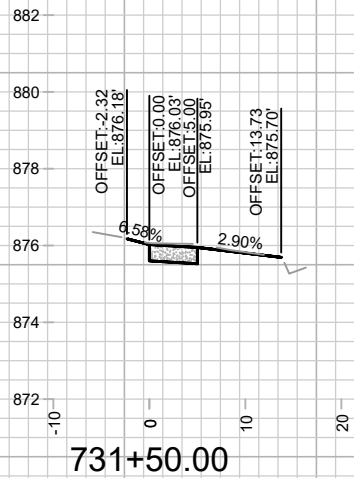
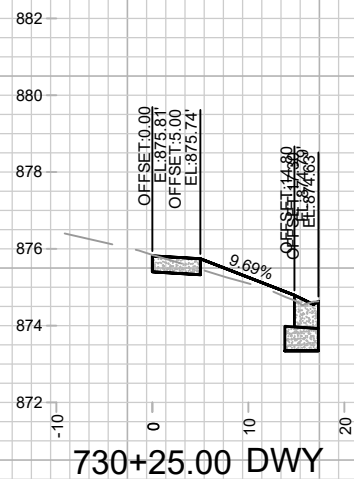
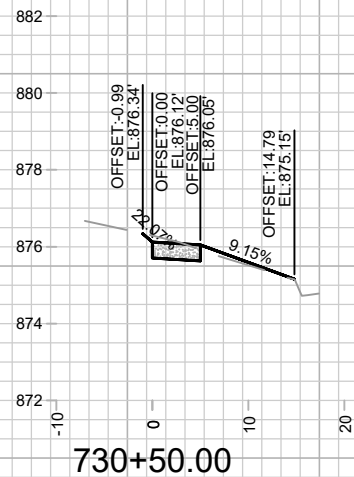
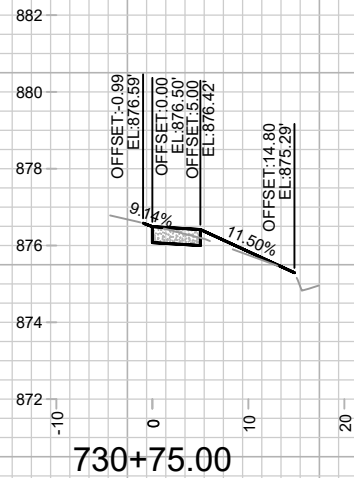
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REVISION	DATE
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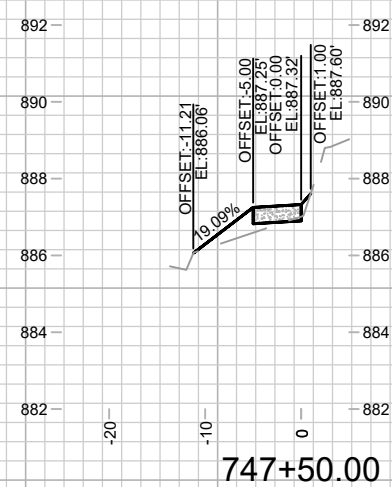
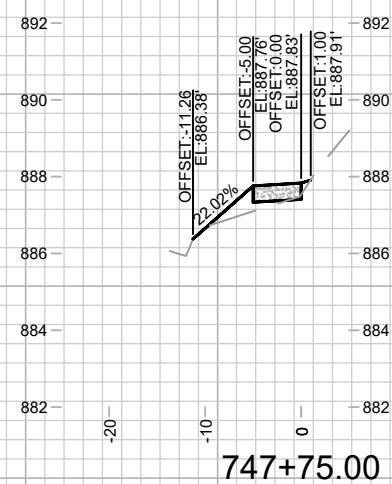
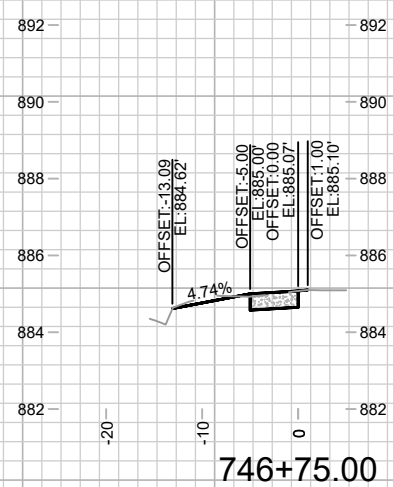
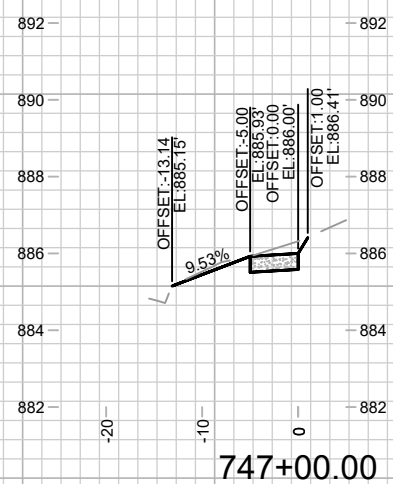
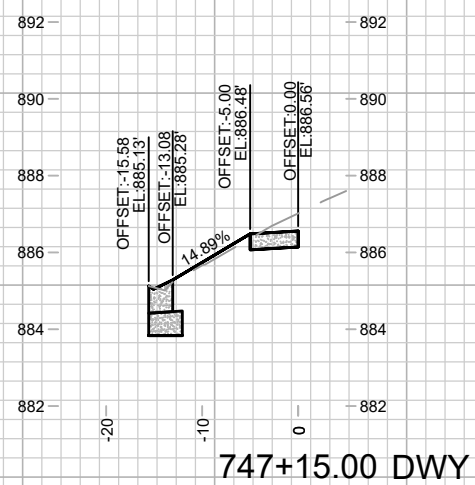
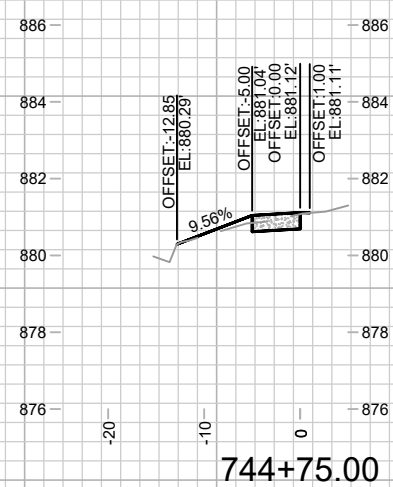
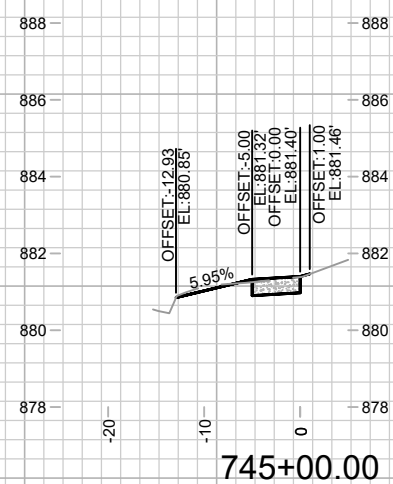
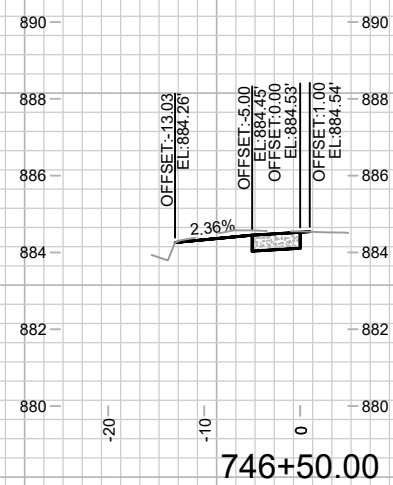


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15200
BT-4





15200
BT-7

TOBAN STREET SIDEWALK CROSS SECTIONS

SAFE STREETS 2025

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15200

MADISON, WI

CONTRACT NO:

[illegible]

REVISION 2: 7/30/25
UPDATED GEOMETRY

INSTALL APS BUTTONS FOR CROSSING ACEWOOD BLVD (LEFT ARROW) AND
COTTAGE GROVE ROAD (LEFT ARROW). LOCATOR TONES AND MESSAGES TO DIFFER.

INSTALL APS BUTTONS FOR CROSSING ACEWOOD BLVD (LEFT ARROW) AND
COTTAGE GROVE ROAD (LEFT ARROW). LOCATOR TONES AND MESSAGES TO DIFFER.

NEW SIGNAL CONDUCTORS TO BE LANDED IN CABINET AT TIME OF CUT-OVER
BY CONTRACTOR. CITY OF MADISON TO FURNISH AND INSTALL CABINET
HARDWARE (MMU CARD, REPROGRAM CONTROLLER).

REMOVE EXISTING SIGNAL, REPLACE WITH VERTICAL
SIGNAL 3-SECTION HEAD WITH BACKPLATE AND MOUNTING.

INSTALL APS BUTTONS ON MEDIAN POLES (TS9 & TS11),
BI-DIRECTIONAL ARROW.

REMOVE EXTS8 BASE, POLE, AND SIGNALS.

REMOVE EXTS4 BASE, POLE, AND SIGNALS.

REMOVE EXTS6 BASE,
POLE, AND SIGNALS.

REMOVE EXISTING SIGNAL, REPLACE WITH VERTICAL
SIGNAL 3-SECTION HEAD WITH BACKPLATE AND MOUNTING.

INSTALL APS BUTTONS FOR CROSSING ACEWOOD BLVD (LEFT ARROW) ON EXTS5.
INSTALL APS BUTTON FOR CROSSING COTTAGE GROVE ROAD ON SL7233.

REMOVE TROMBONE ARM
AND TRAFFIC SIGNAL HEAD.

INSTALL APS BUTTONS FOR CROSSING ACEWOOD BLVD (LEFT ARROW) ON EXTS7.
INSTALL APS BUTTON FOR CROSSING COTTAGE GROVE ROAD ON SL7230.

REVISION	DATE	BY
7/10/25	7/10/25	JLS
MARK	REVISION	DATE
15200	1/30/25	JLS
CG-2	15200	15200

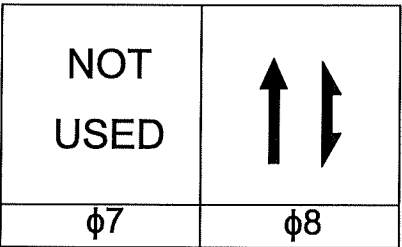
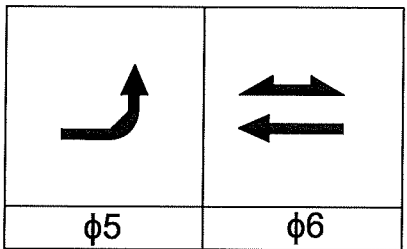
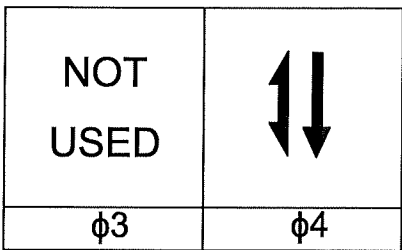
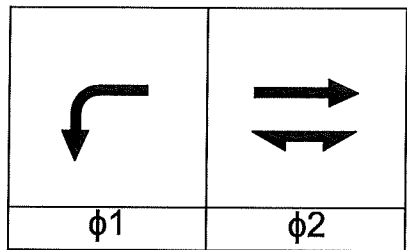
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SAFE STREETS MADISON 2025	15200	15200
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CONTRACT NO:	8800	8800



15200
CG-2

	HEAD NUMBERS	FLASH
φ1	13, 14, 15	R
φ2	4, 24, 25	R
φ3		R
φ4	7, 21, 22	R
φ5	16, 17, 18	R
φ6	1, 23, 26	R
φ7		R
φ8	10, 11, 12	R
φ2 PED	2A, 2B	
φ4 PED	4A, 4B	
φ6 PED	6A, 6B	
φ8 PED	8A, 8B	
OLA		
OLB		
OLC		
OLD		

O.L. ASSIGNMENTS



BARRIER

PREEMPTION ASSIGNMENTS			
PREEMPTION DESIGNATION	PREEMPTION TYPE	EVP CHANNEL	PHASE(S) CALLED
1	RESERVED		
2	RESERVED		
3	NOT USED		
4	NOT USED		
5	NOT USED		
6	NOT USED		
7	NOT USED		
8	NOT USED		
9	NOT USED		
10	NOT USED		

- CABINET WORK REQUIRED:
- MMU UPDATE
 - ADD JUMPERS 1-5, 1-6, 1-11, 2-5, 5-9
 - DETECTORS
 - LAND NEW DETECTORS IN CABINET
 - L19-24
 - RE-CONFIGURED EXISTING LEFT TURN LANE DETECTORS ON LOOP INPUTS L25-L28.

PHASE NUMBER	PHASE LOCKING	DUAL ENTRY W / φ	PHASE RECALL	PHASE ACTIVE
1	X			X
2	X			X
3				
4	X	X		X
5	X			X
6	X			X
7				
8	X	X		X

TYPE OF INTERCONNECT	
NONE	
TBC	
CLOSED LOOP TWISTED PAIR	
CLOSED LOOP FIBER OPTIC	X
RADIO	

TYPE OF LIGHTING	
BY OTHER AGENCY	
IN TRAFFIC SIGNAL CABINET	
IN SEPARATE LIGHTING CABINET	X

TYPE OF PRE-EMPT	
NONE	X
RAILROAD	
EMERGENCY VEHICLE	
GTT	
TOMAR	
HARDWIRE	
OTHER	
LIFT BRIDGE	
QUEUE DETECTOR	

TYPE OF REMOTE COMMUNICATION	
NONE	
FIBER	X
CELL MODEM	
PHONE	

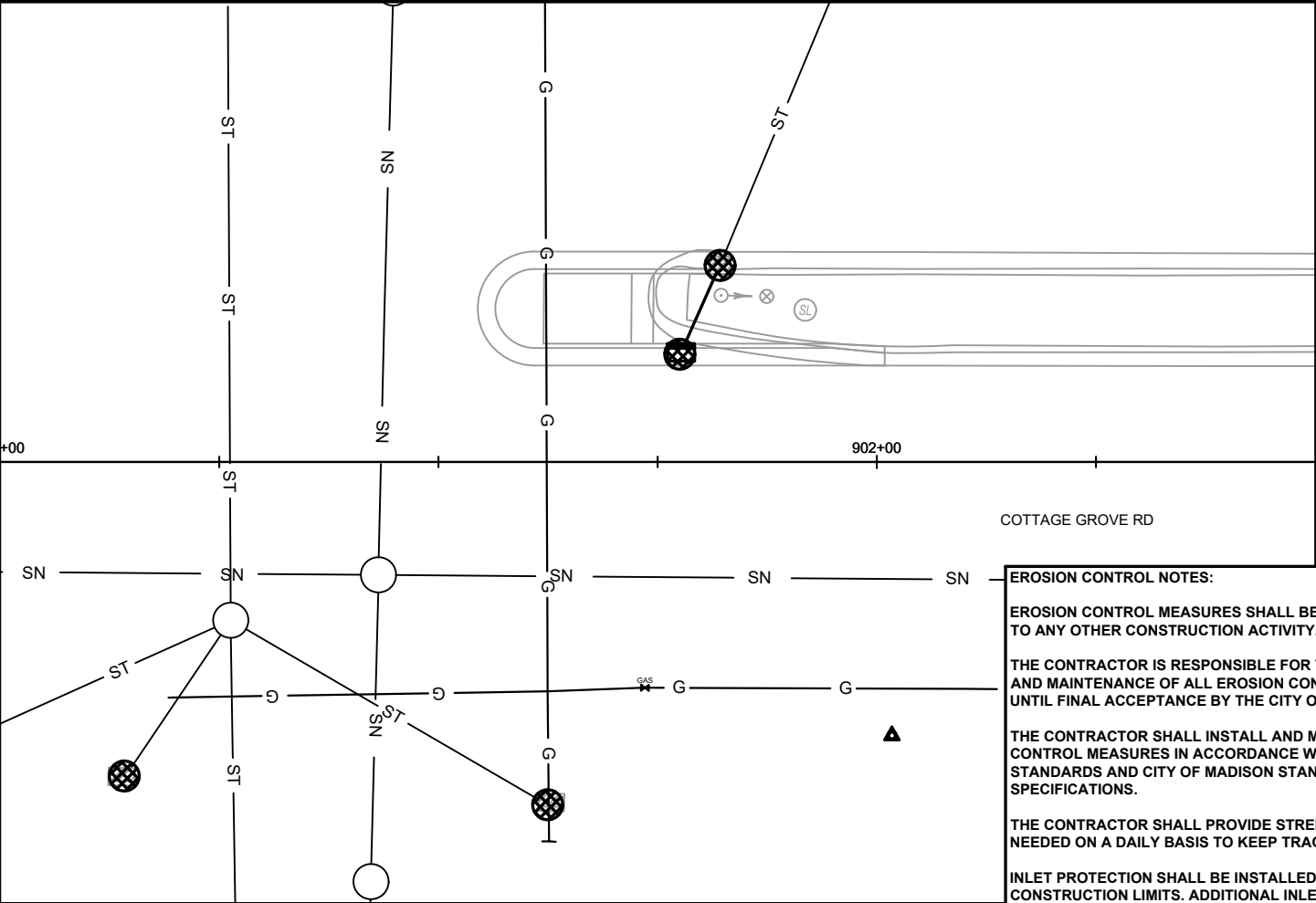
DETECTOR LOGIC								
DETECTOR INPUT	3	1	7	5	11	9	15	13
DETECTOR #(S)	3	1	7	5	11	9	15	13
PHASE CALLED	2	5	6	2	6	6	8	4
PHASE EXTENDED	2	5	6	2	6	6	8	4
DISCONNECT TIME								
CALLING DELAY								
EXTENSION STRETCH	0"	0"	0"	5.5"	5.5"	0"	0"	
LOOP FUNCTION	ADDIN.					ADDIN.		

DETECTOR INPUT	4	2	8	6	12	10	16	14
DETECTOR #(S)	4	2	8	6	12	10	16	14
PHASE CALLED	2	2	6	2	6	6	8	4
PHASE EXTENDED	2	2	6	2	6	6	8	4
DISCONNECT TIME								
CALLING DELAY								
EXTENSION STRETCH	0"	0"	0"	5.5"	5.5"	0"	0"	
LOOP FUNCTION	ADDIN.					ADDIN.		

DETECTOR INPUT	19	17	23	21	27	25	31	29
DETECTOR #(S)	19	17	23	21				
PHASE CALLED	2	8	6	2				
PHASE EXTENDED	2	8	6	2				
DISCONNECT TIME								
CALLING DELAY								
EXTENSION STRETCH		0"						
LOOP FUNCTION								

DETECTOR INPUT	20	18	24	22	28	26	32	30
DETECTOR #(S)	20	18	24	22				
PHASE CALLED	2	8	6	6				
PHASE EXTENDED	2	8	6	6				
DISCONNECT TIME								
CALLING DELAY								
EXTENSION STRETCH		0"						
LOOP FUNCTION								

REVISION 2: EKG 7/30/25
ADDED SHEET CG-5



EROSION CONTROL NOTES:

EROSION CONTROL MEASURES SHALL BE IN PLACE PRIOR TO ANY OTHER CONSTRUCTION ACTIVITY.

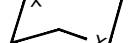
THE CONTRACTOR IS RESPONSIBLE FOR THE CONSTRUCTION AND MAINTENANCE OF ALL EROSION CONTROL MEASURES UNTIL FINAL ACCEPTANCE BY THE CITY OF MADISON.

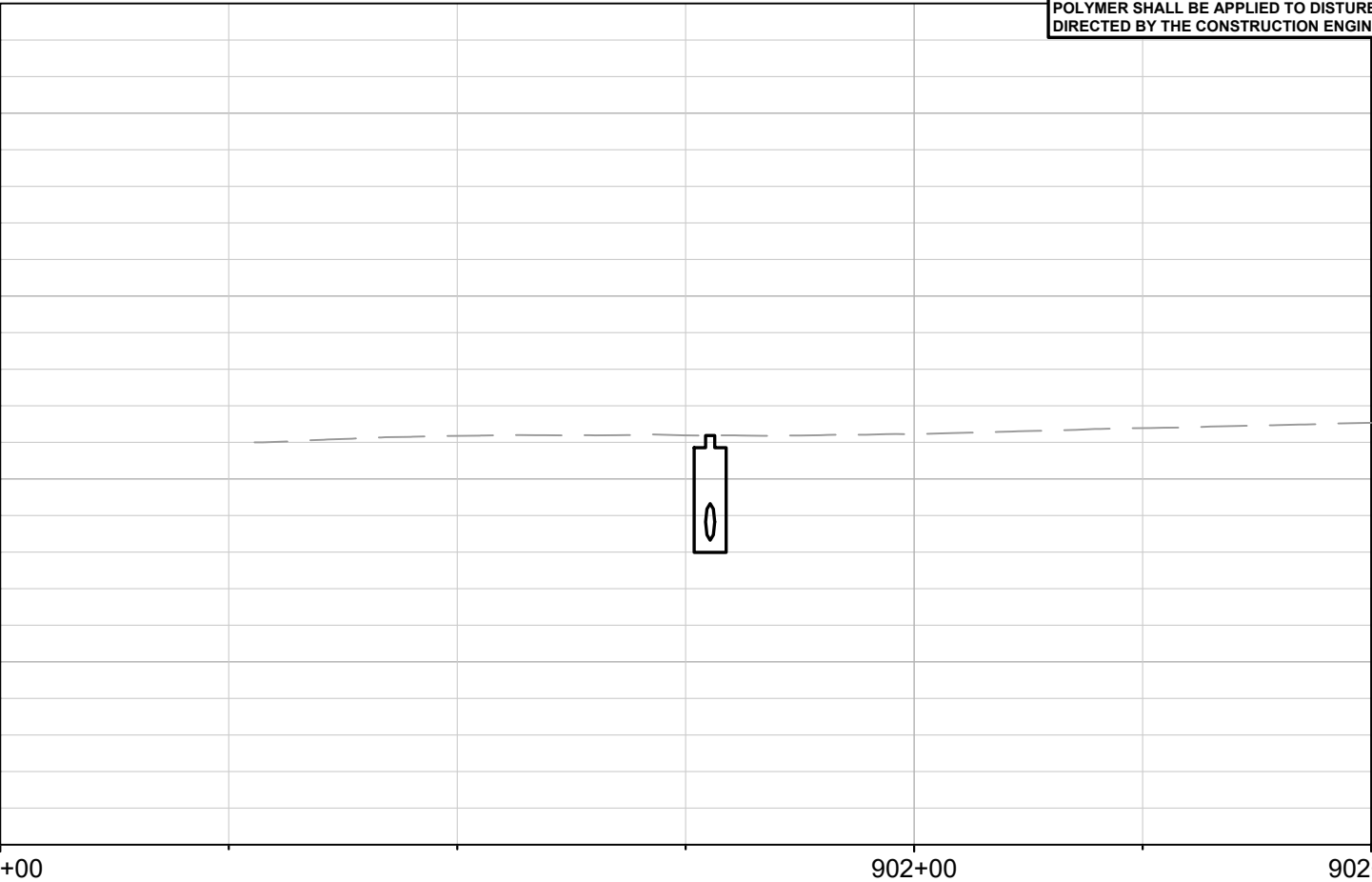
THE CONTRACTOR SHALL INSTALL AND MAINTAIN EROSION CONTROL MEASURES IN ACCORDANCE WITH THE WDNR SOC STANDARDS AND CITY OF MADISON STANDARD SPECIFICATIONS.

THE CONTRACTOR SHALL PROVIDE STREET CLEANING AS NEEDED ON A DAILY BASIS TO KEEP TRACKING TO A MINIMUM.

INLET PROTECTION SHALL BE INSTALLED WITHIN THE CONSTRUCTION LIMITS. ADDITIONAL INLET PROTECTION SHALL BE PLACED AS DIRECTED.

POLYMER SHALL BE APPLIED TO DISTURBED AREAS AS DIRECTED BY THE CONSTRUCTION ENGINEER.

-  CONSTRUCTION ENTRANCE - INSTALL TYPE HR FABRIC, 3" CLEAR STONE, MIN 1' DEPTH X 50' LONG X ROAD WIDTH
-  RIGID FRAME INLET PROTECTION
-  TYPE C INLET PROTECTION
-  TYPE "A" INLET PROTECTION
-  SILT SOCK (PLACE AS NEEDED & AROUND STOCKPILES)



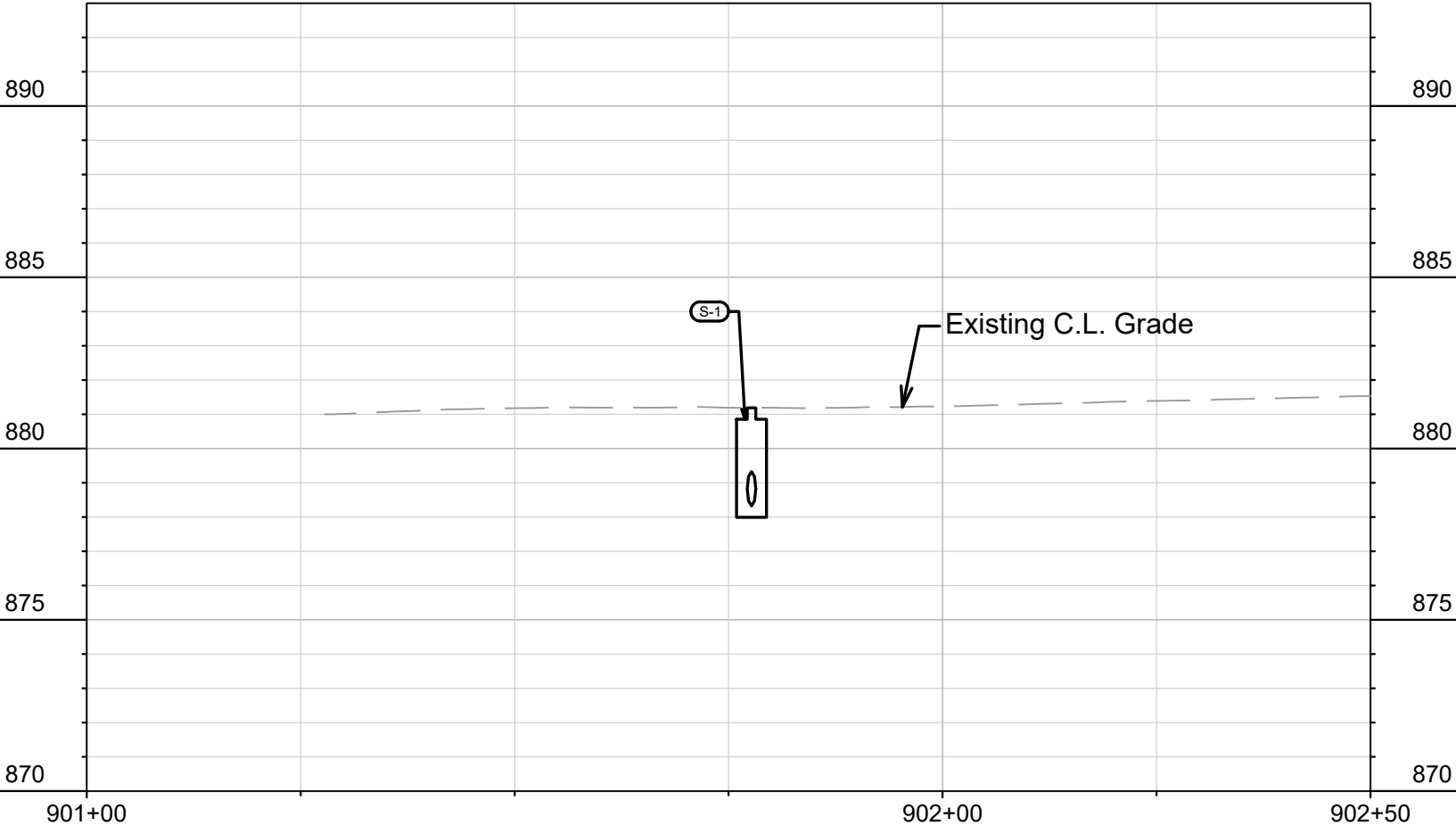
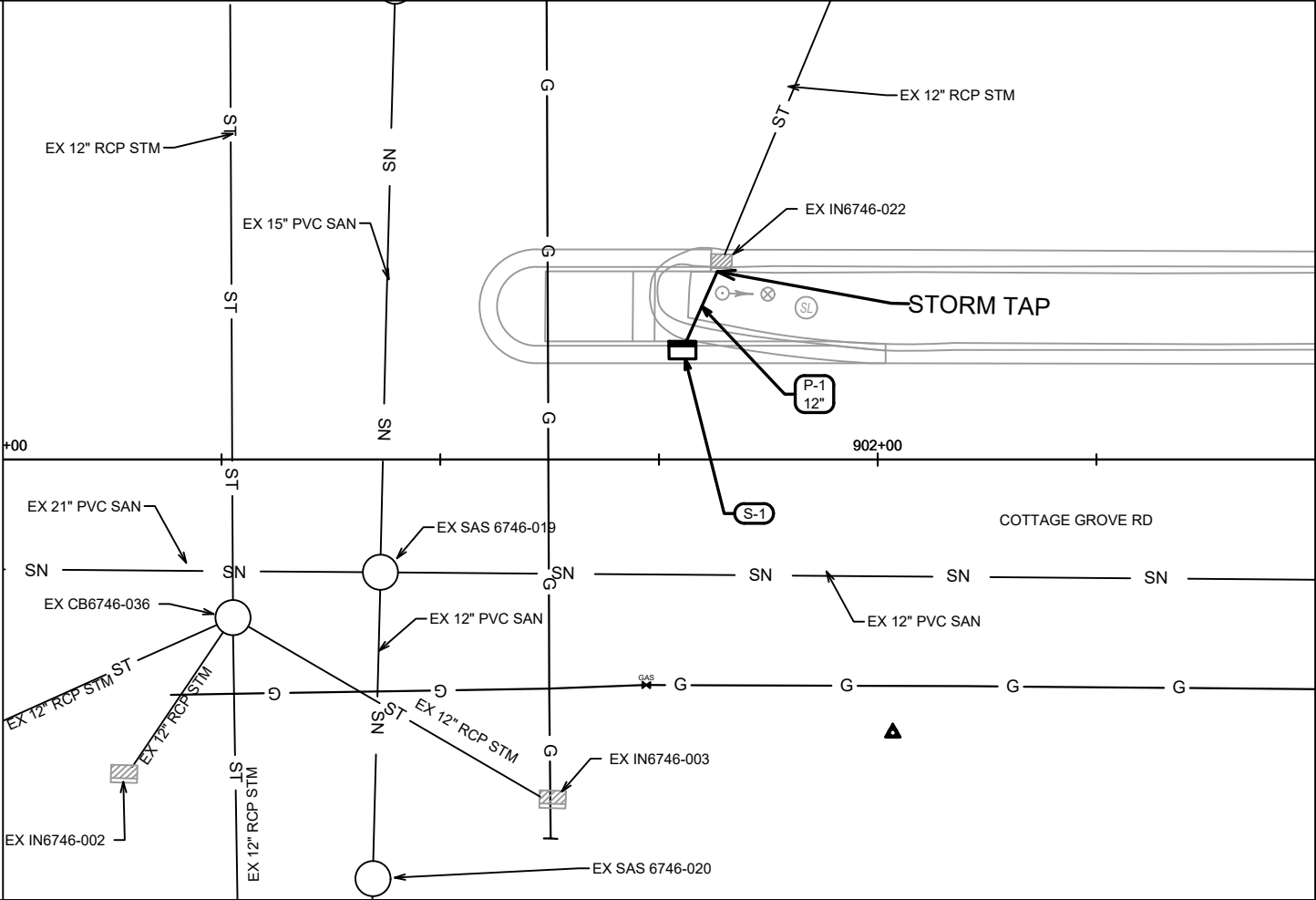
EROSION CONTROL PLAN - COTTAGE GROVE RD AND ACEWOOD BLVD		15200
SAFE STREETS 2025		MADISON, WI
M:\DESIGN\Projects\14658\CAD\Sewers\14658SWR-PipeNetwork_Cottage Grove & Acewood.dwg		8800
15200		CG-5



15200
CG-5

MARK	REVISION	DATE	BY
15200	1	7/10/2025	11:53 AM

REVISION 2: EKG 7/30/25
ADDED SHEET CG-6



MARK	REVISION	DATE	BY
15200	1	7/10/2025	11:54 AM
CG-6			

COTTAGE GROVE RD - UTILITY PLAN & PROFILE
SAFE STREETS 2025
M:\DESIGN\Projects\14658\CAD\Sewers\14658SWR-PipeNetwork_Cottage Grove & Acewood.dwg
15200
8800
CONTRACT NO:
MADISON, WI
15200



15200
CG-6

STORM SEWER SCHEDULE

REVISION 2: EKG 7/30/25
ADDED SHEET CG-7

COTTAGE GROVE AND ACEWOOD PROJECT NO. 15200	SHEET NO. CG-7
STORM SEWER SCHEDULE	
CITY OF MADISON	

PROPOSED STORM STRUCTURES

STRUC. NO.	STATION	LOCATION (OFFSET)	TYPE	TOP OF CASTING	E.I.	DEPTH	NOTES
COTTAGE GROVE RD							
S-1	901+77.67	LT-12.50	H INLET	881.19	878.32	2.87	FP; LP; W/R-3067-7004-VB

PROPOSED STORM PIPES

PIPE NO.	FROM (DNSTM)	TO (UPSTM)	DISCH. E.I.	INLET E.I.	PLAN (PAY) LGTH (FT)	PIPE LGTH (FT)	SLOPE (%)	PIPE SIZE	TYPE	NOTES
COTTAGE GROVE RD										
P-1	IN6746-022	S-1	878.27	878.32	11	9	0.57%	12"	RCP	[1]

NOTE: PLAN LENGTH (PAY LENGTH) IS FROM CENTER OF STRUCTURE TO CENTER OF STRUCTURE. PIPE LENGTH IS ACTUAL LENGTH OF PIPE FROM STRUCTURE WALL TO STRUCTURE WALL. SLOPE CALCULATED USING

SPECIFIC NOTES

[1] TAP EXISTING INLET AND MATCH CROWN OF EXISTING PIPE

STANDARD NOTES:

- ABBREVIATIONS: AE = APRON ENDWALL; RCP = REINFORCED CONCRETE PIPE; HERCP = HORIZONTAL ELLIPTICAL REINFORCED CONCRETE PIPE; DNA = DOES NOT APPLY; SAS = SEWER ACCESS STRUCTURE; LP = LOW POINT INLET STRUCTURE; FP = FIELD POURED STRUCTURE; TR = TOP OF CONCRETE ROOF; NCM = NO CROWN MATCH FOR PIPES; UD = UNDERDRAIN
- TOP OF CASTING GRADE GIVEN IS THE TOP OF CURB FOR INLET STRUCTURES AND THE FLOWLINE OF THE CLOSED CASTING FOR SASs.
- TOP OF CONCRETE ROOF (TR) IS 1.25 BELOW TOP OF CASTING UNLESS OTHERWISE NOTED.
- ALL REINFORCED CONCRETE PIPES TO BE CLASS III UNLESS OTHERWISE NOTED.
- SURVEYOR TO CONFIRM THAT ALL INLET STATION / OFFSETS LINE UP WITH PROPOSED CURB AND GUTTER.
- ALL REBAR FOR FIELD POUR STRUCTURES SHALL BE EPOXY COATED. ANY EXPOSED STEEL SHALL BE TOUCHED UP OR RECOATED PRIOR TO USE.
- ALL FIELD POURED SAS STORM STRUCTURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD DETAIL DRAWING 5.7.3.
- ALL PRECAST SAS STORM STRUCTURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD DETAIL DRAWING 5.7.5.
- ALL STRUCTURES CALLED OUT AS FIELD POURED SHALL BE FIELD POURED. ALL OTHER STRUCTURES (NOT INDICATED AS FIELD POURED) SHALL BE SUBMITTED TO CITY ENGINEERING FOR APPROVAL IF PRECAST STRUCTURES ARE PREFERRED. CONTACT ERIN GETER OF CITY ENGINEERING AT (608) 266-4058 FOR PRECAST APPROVALS, FAX SHOP DRAWINGS TO (608)264-9275, OR EMAIL SHOP DRAWINGS TO EGETER@CITYOFMADISON.COM.

EROSION CONTROL NOTES:

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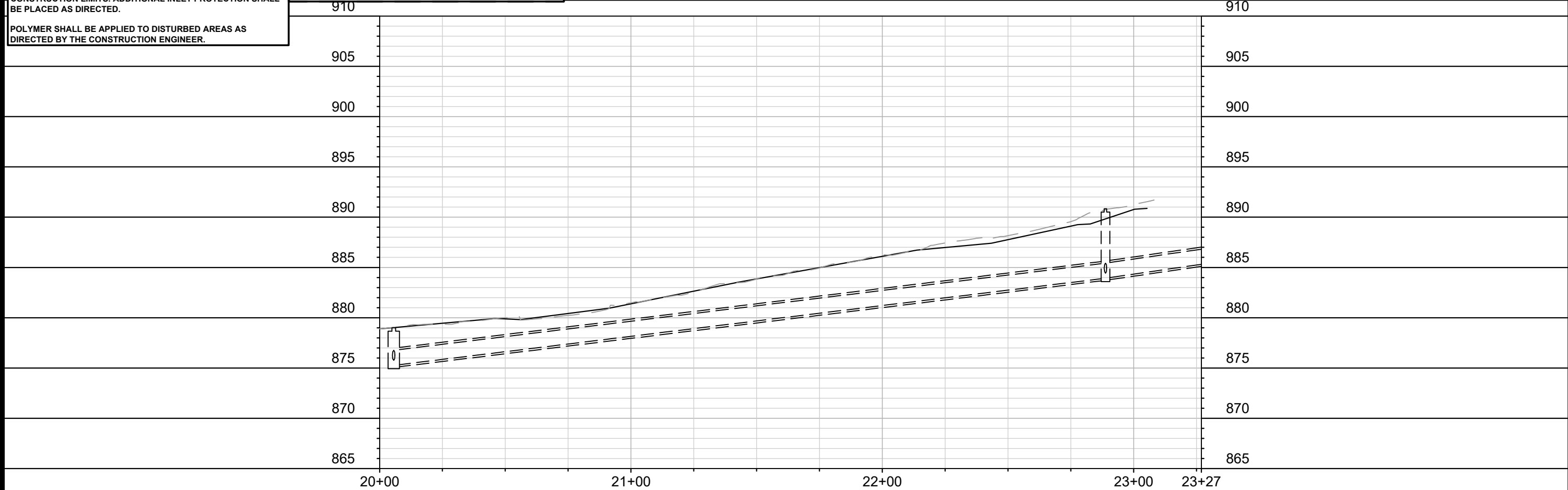
TRACKOUT CONTROL (CLEAR STONE & STREET SWEEPING AS NEEDED & AROUND STOCKPILES)

RIGID FRAME INLET PROTECTION

TYPE C INLET PROTECTION

TYPE "A" INLET PROTECTION

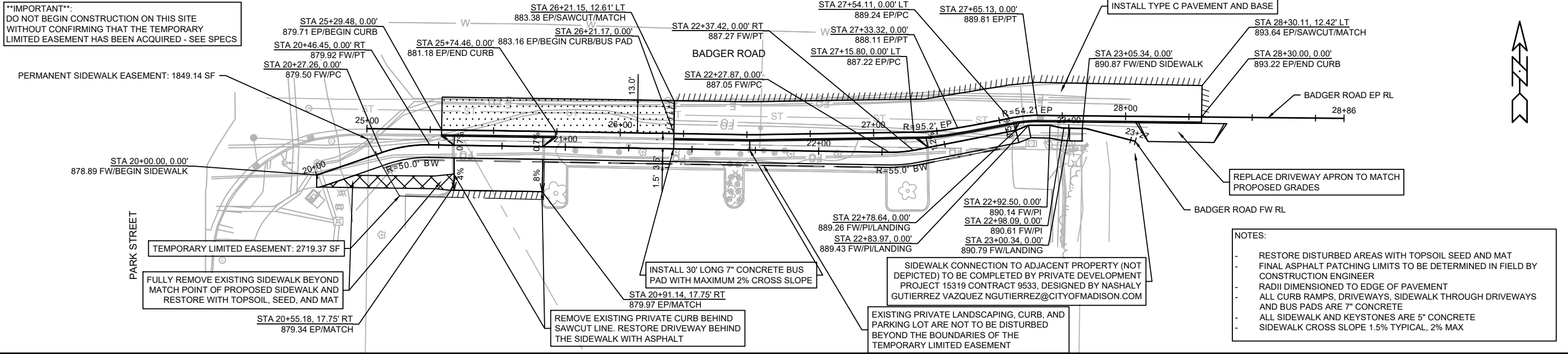
SILT SOCK (PLACE AS NEEDED & AROUND STOCKPILES)



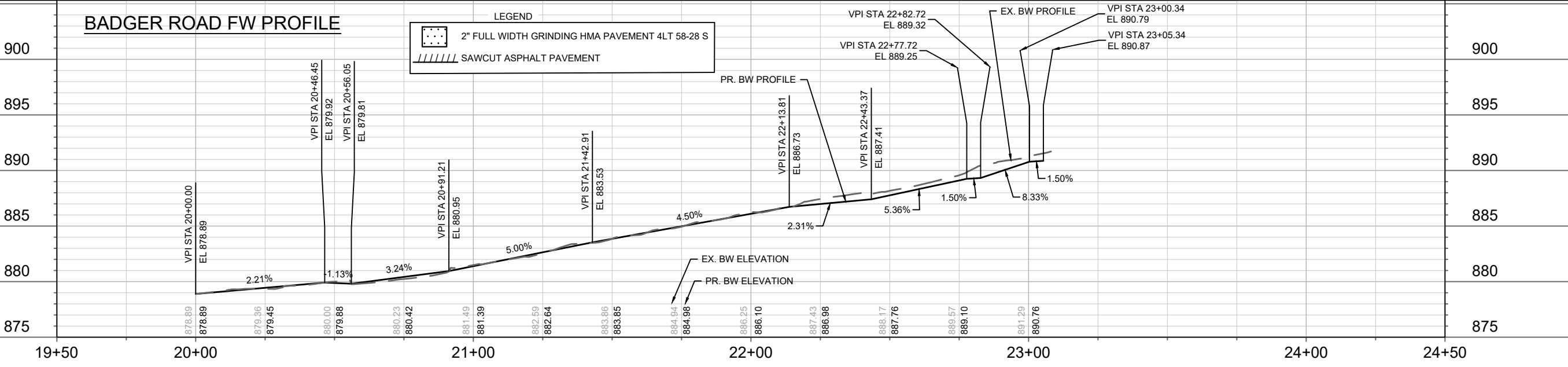
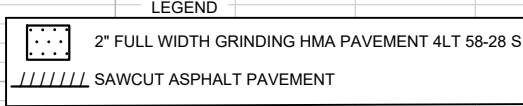
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EROSION CONTROL PLAN - BADGER RD			
SAFE STREETS 2025			
M:\DESIGN\Projects\14658\CAD\Sewers\14658SWR-PipeNetwork_Badger SW.dwg			
15200			
BA-1			

MARK	REVISION	DATE	BY
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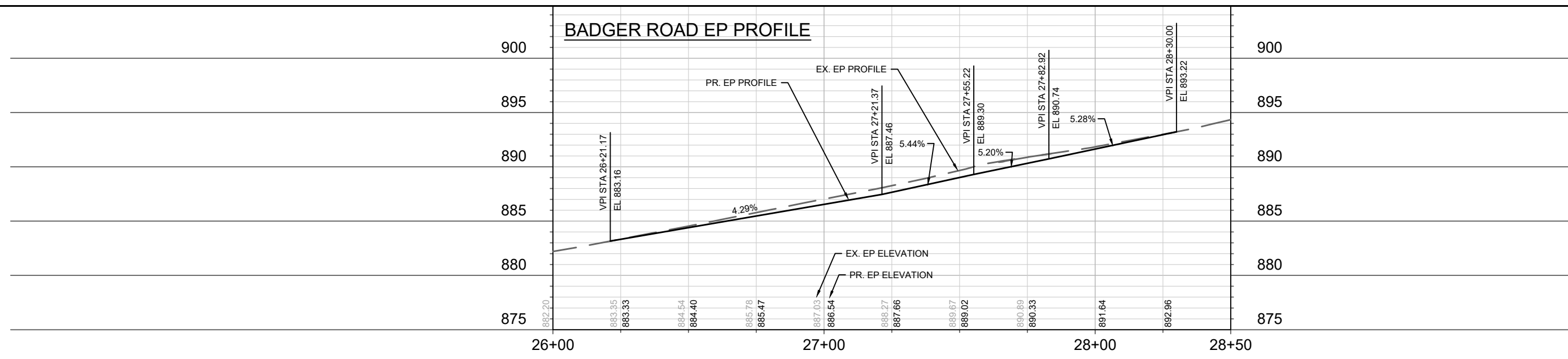
****IMPORTANT**:**
DO NOT BEGIN CONSTRUCTION ON THIS SITE
WITHOUT CONFIRMING THAT THE TEMPORARY
LIMITED EASEMENT HAS BEEN ACQUIRED - SEE SPECS



BADGER ROAD FW PROFILE



BADGER ROAD EP PROFILE



15200		MADISON, WI		8800		CONTRACT NO:	
BADGER SIDEWALK PLAN & PROFILE		SAFE STREETS 2025		CITY OF MADISON WISCONSIN		15200	
BA-2		BA-2		BA-2		BA-2	

Scale: 1" = 40'

Designed By: MFG

Date: 2/27/2025 11:27 AM

REVISION

MARK

DATE

BY

15200

BA-2

STORM SEWER SCHEDULE

BADGER RD SIDEWALK PROJECT NO. 15200	SHEET NO. BA-4
STORM SEWER SCHEDULE	
CITY OF MADISON	

ADJUST EXISTING STORM STRUCTURES

STRUC. NO.	ID NO.	STATION	LOCATION (OFFSET)	EX TOC	PROP TOC	ADJ (FT)	NOTES
BADGER RD							
ADJ S-9	IN4965-019	43+99.78	LT-13.03	890.84	890.84	0.00	[1]

SPECIFIC NOTES

[1] MATCH NEW TOC

STANDARD NOTES:

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S. PARK ST

2421 S Park St

2413 S Park St

714 W Badger Rd

W BADGER RD

711 W Badger Rd

719 W Badger Rd

4" DOUBLE
YELLOW EPOXY

14'

39'

14'

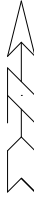
140'

13'

16'

29'

17'



15200
BA-5

PAVEMENT MARKING PLAN - BADGER RD

SAFE STREETS 2025

M:\DESIGN\Projects\14658\CAD\Traffic\14658TE-Badger Rd.dwg

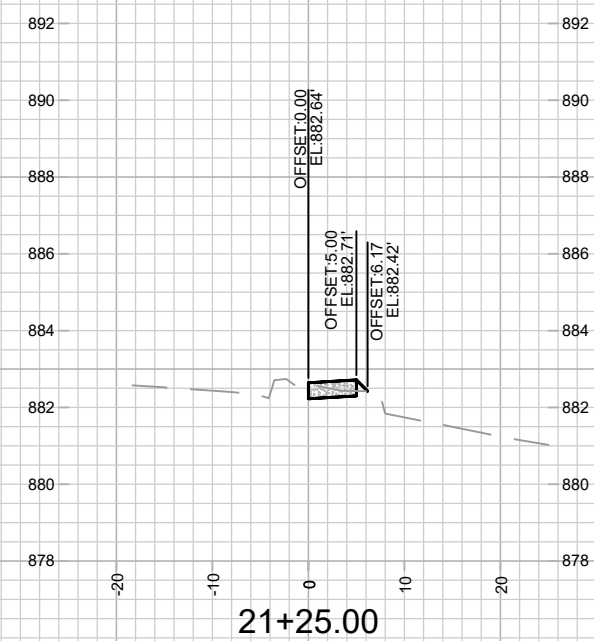
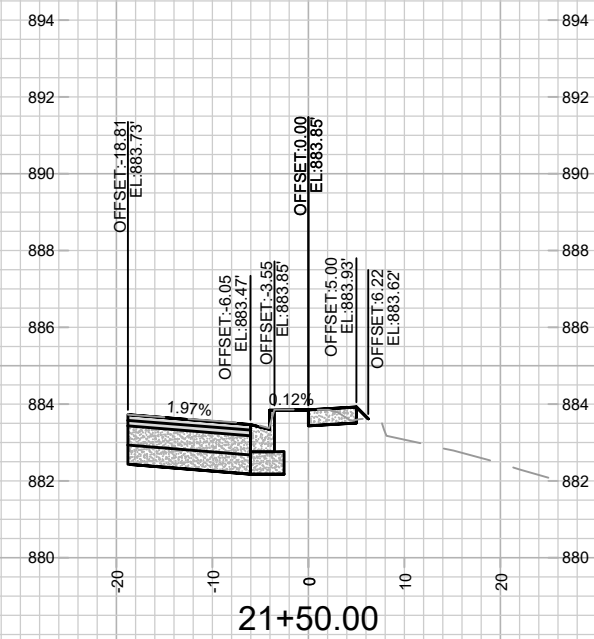
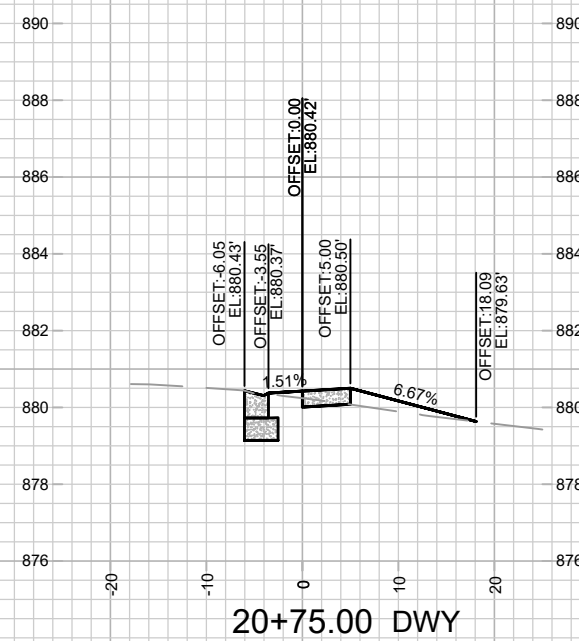
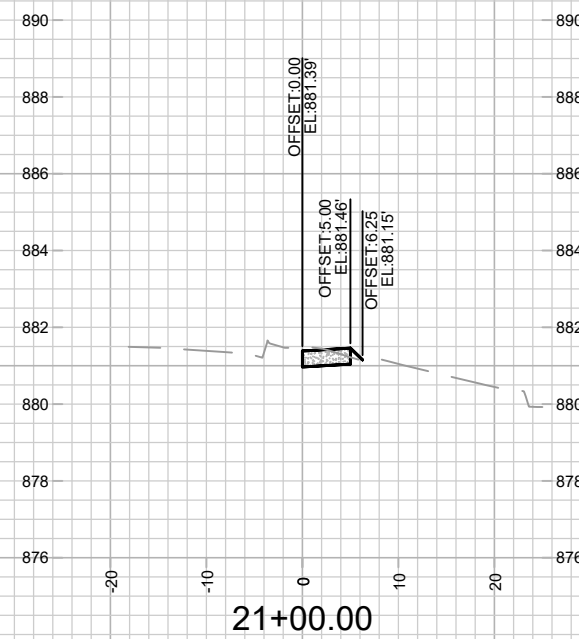
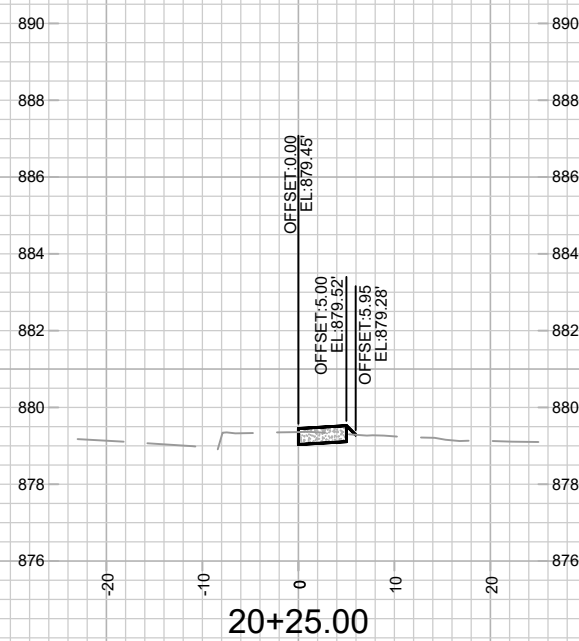
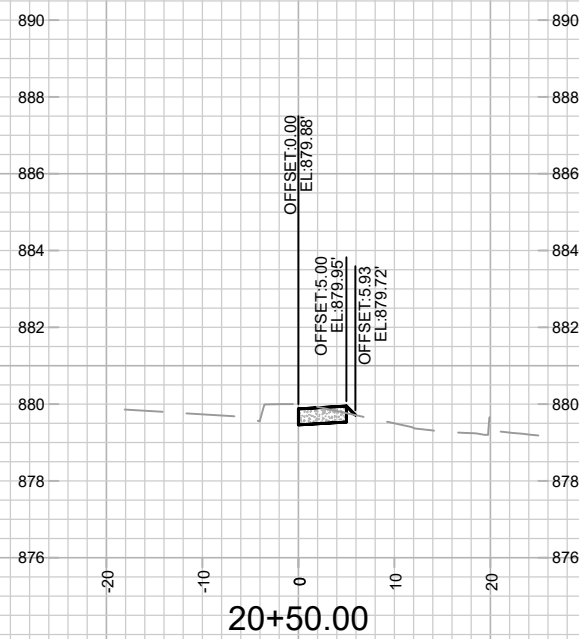
15200

MADISON, WI

8800

CONTRACT NO:

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15200	15200	2/26/2025 8:41 AM	BA-5
15200	15200	2/26/2025 8:41 AM	BA-5
15200	15200	2/26/2025 8:41 AM	BA-5
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15200	15200	2/26/2025 8:41 AM	BA-5
15200	15200	2/26/2025 8:41 AM	BA-5
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15200	15200	2/26/2025 8:41 AM	BA-5
15200	15200	2/26/2025 8:41 AM	BA-5
15200	15200	2/26/2025 8:41 AM	BA-5
15200	15200	2/26/2025 8:41 AM	BA-5



15200

BA-6

BADGER ROAD SIDEWALK CROSS SECTIONS

SAFE STREETS 2025

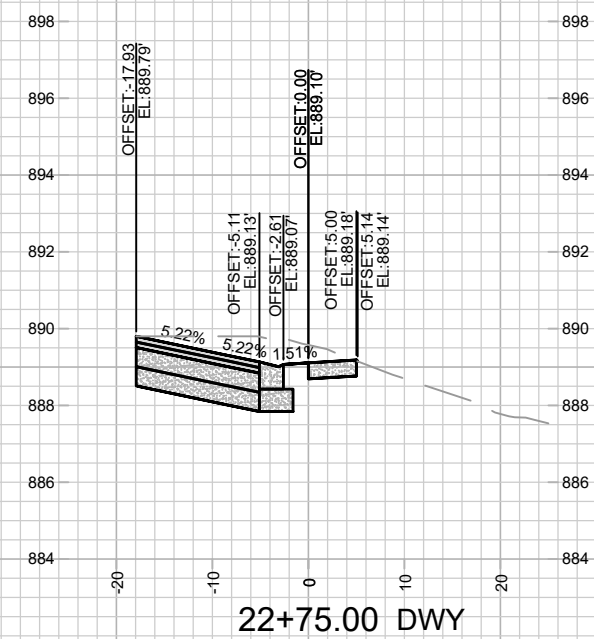
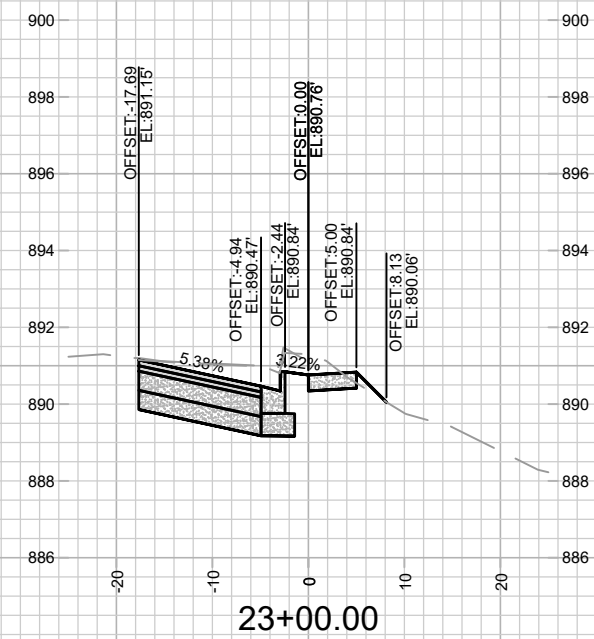
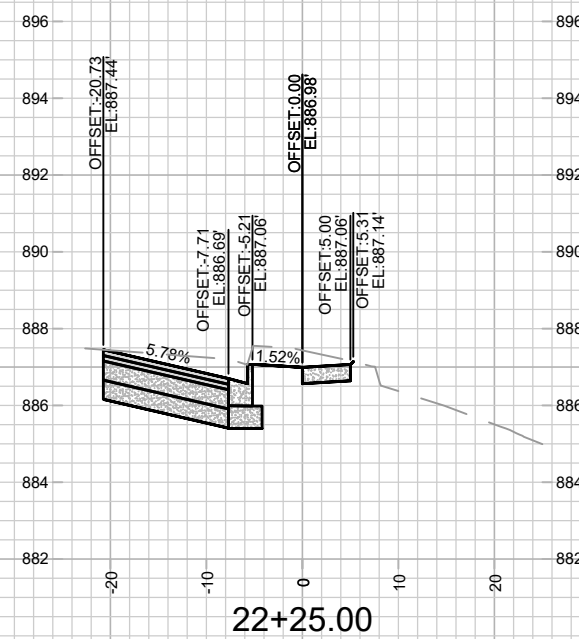
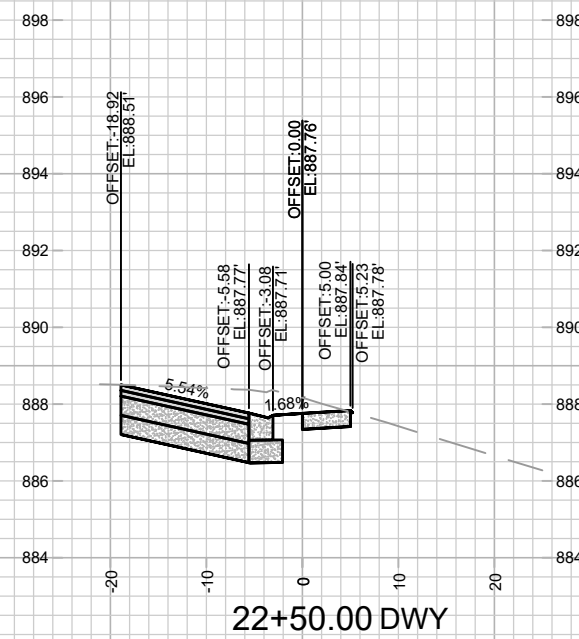
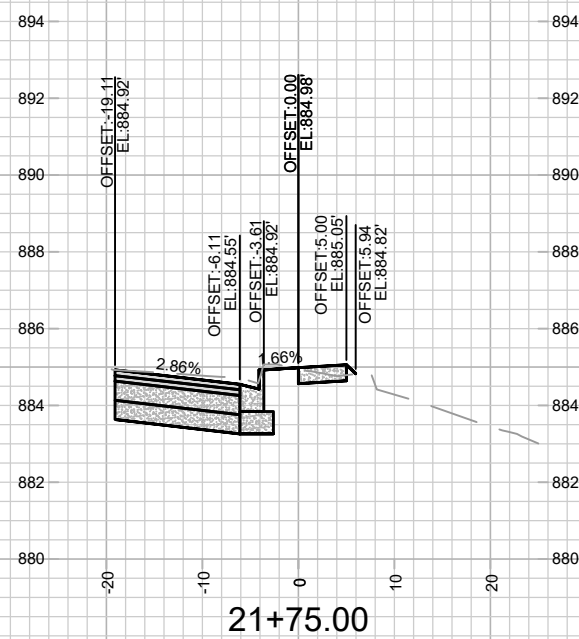
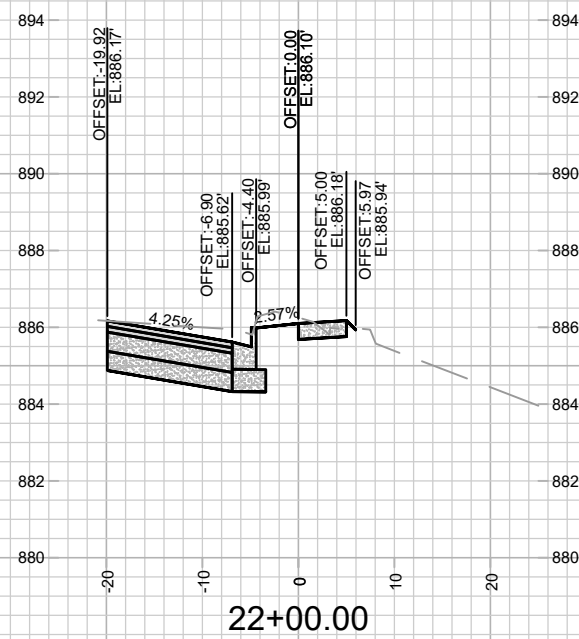
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15200

MADISON, WI

CONTRACT NO:

[illegible]



15200

BA-7

BADGER ROAD SIDEWALK CROSS SECTIONS

SAFE STREETS 2025

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15200

MADISON, WI

CONTRACT NO:

15200	Designed By: MFG	Date: 2/26/2025 8:41 AM	Scale: 1" = 20'
			BA-7

EAST GORHAM STREET

EAST JOHNSON STREET

EROSION CONTROL NOTES:

EROSION CONTROL MEASURES SHALL BE IN PLACE PRIOR TO ANY OTHER CONSTRUCTION ACTIVITY.

THE CONTRACTOR IS RESPONSIBLE FOR THE CONSTRUCTION AND MAINTENANCE OF ALL EROSION CONTROL MEASURES UNTIL FINAL ACCEPTANCE BY THE CITY OF MADISON.

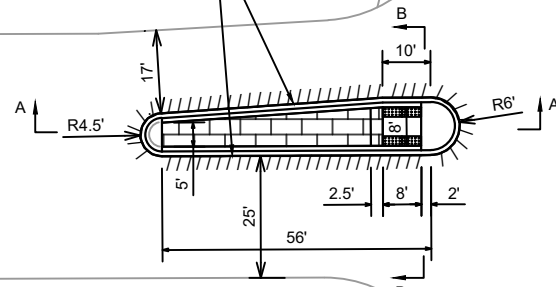
THE CONTRACTOR SHALL INSTALL AND MAINTAIN EROSION CONTROL MEASURES IN ACCORDANCE WITH THE WDNR SOC STANDARDS AND CITY OF MADISON STANDARD SPECIFICATIONS.

THE CONTRACTOR SHALL PROVIDE STREET CLEANING AS NEEDED ON A DAILY BASIS TO KEEP TRACKING TO A MINIMUM.

INLET PROTECTION SHALL BE INSTALLED WITHIN THE CONSTRUCTION LIMITS. ADDITIONAL INLET PROTECTION SHALL BE PLACED AS DIRECTED.

POLYMER SHALL BE APPLIED TO DISTURBED AREAS AS DIRECTED BY THE CONSTRUCTION ENGINEER.

TYPE 'E' CURB & GUTTER:
SAWCUT EX. PAVEMENT
AT PROPOSED CURB
FLANGE. USE ASPHALT
FOR CURB FRONT FILL



LEGEND

////// SAWCUT ASPHALT PAVEMENT

 STAMPED & COLORED CONCRETE, 7 INCH - 'NATURAL BARK' COLOR.
PROVIDE SAMPLE TO CONSTRUCTION ENGINEER FOR REVIEW PRIOR TO
INSTALLATION, SEE SPECS

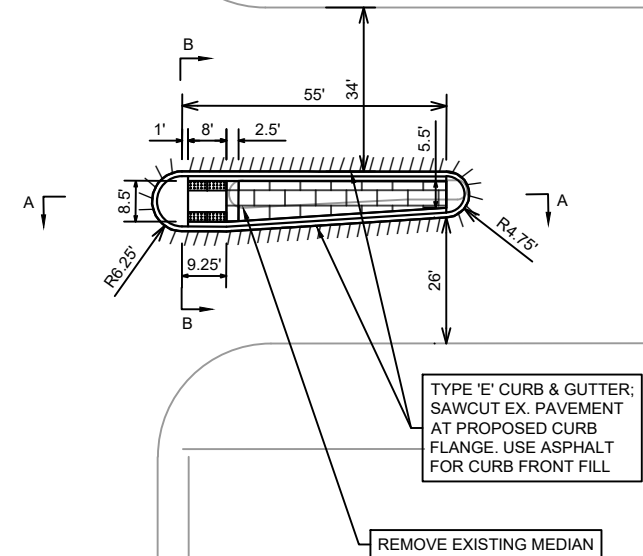
NOTES:

- ISLAND LIMITS TO BE MARKED IN FIELD BY TRAFFIC ENGINEERING. CONTACT LUKAS COLLINS AT LCOLLINS@CITYOFMADISON.COM OR (608) 261-9625
- FINAL ASPHALT PATCHING LIMITS TO BE DETERMINED IN FIELD BY CONSTRUCTION ENGINEER
- RADII DIMENSIONED TO EDGE OF PAVEMENT

MEDIAN NOTES:

1. MATCH EXISTING PAVEMENT ELEVATION
2. 6" RISE TYPICAL FOR MOUNTABLE MEDIAN NOSE.
3. EXISTING PAVEMENT AND BASE TO REMAIN.
USE ASPHALT MATERIAL FOR CURB FRONT FILL

WISCONSIN AVENUE



VARIES PER PLAN

VARIES PER PLAN

MEDIAN NOSE

1.0'

1.0'

NOTE 2

NOTE 1

0.5-2%

0.5-2%

VARIES

VARIES

7" CONCRETE

NOTE 3

2'

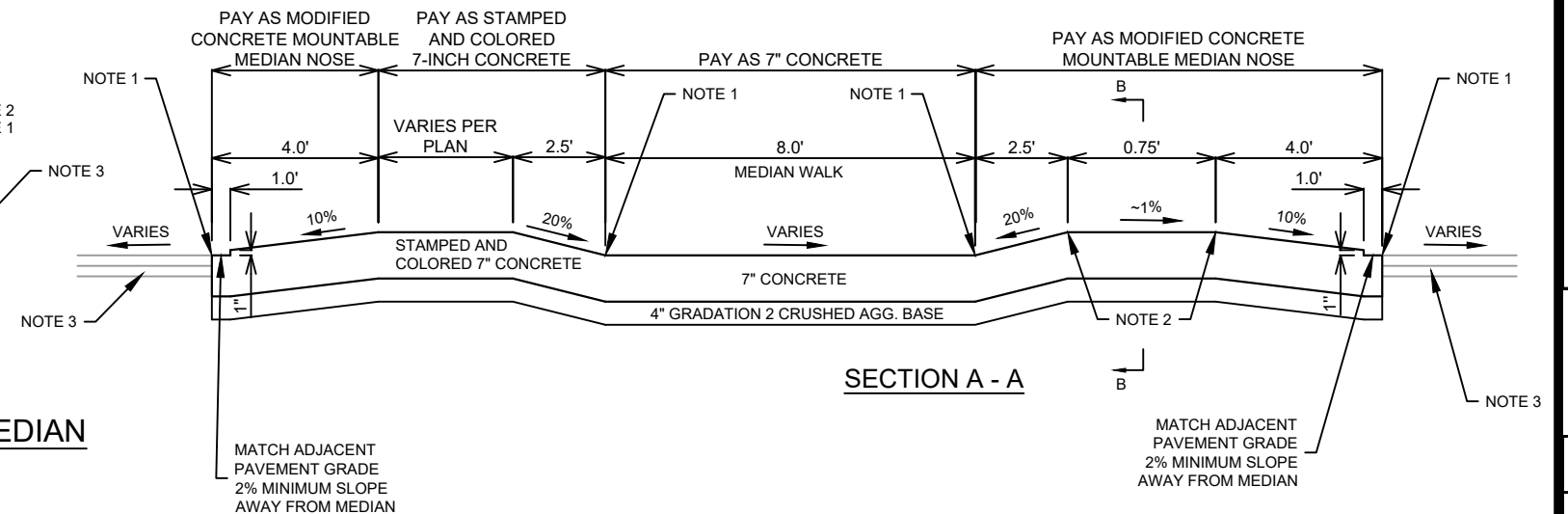
2'

4" GRADATION 2 CRUSHED AGG. BASE

A

SECTION B - B

MODIFIED CONCRETE MOUNTABLE MEDIAN
ISLAND NOSE



SECTION A - A

MATCH ADJACENT
PAVEMENT GRADE
2% MINIMUM SLOPE
AWAY FROM MEDIAN

MARK	REVISION	DATE	BY
15200	Desigined By: MFG	Date: 2/26/2025 8:41 AM	Scale: 1" = 40"
			WI-1

15200

MADISON, WI 53706-1303

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WISCONSIN GORHAM JOHNSON PLAN

SAFE SIREES 2025

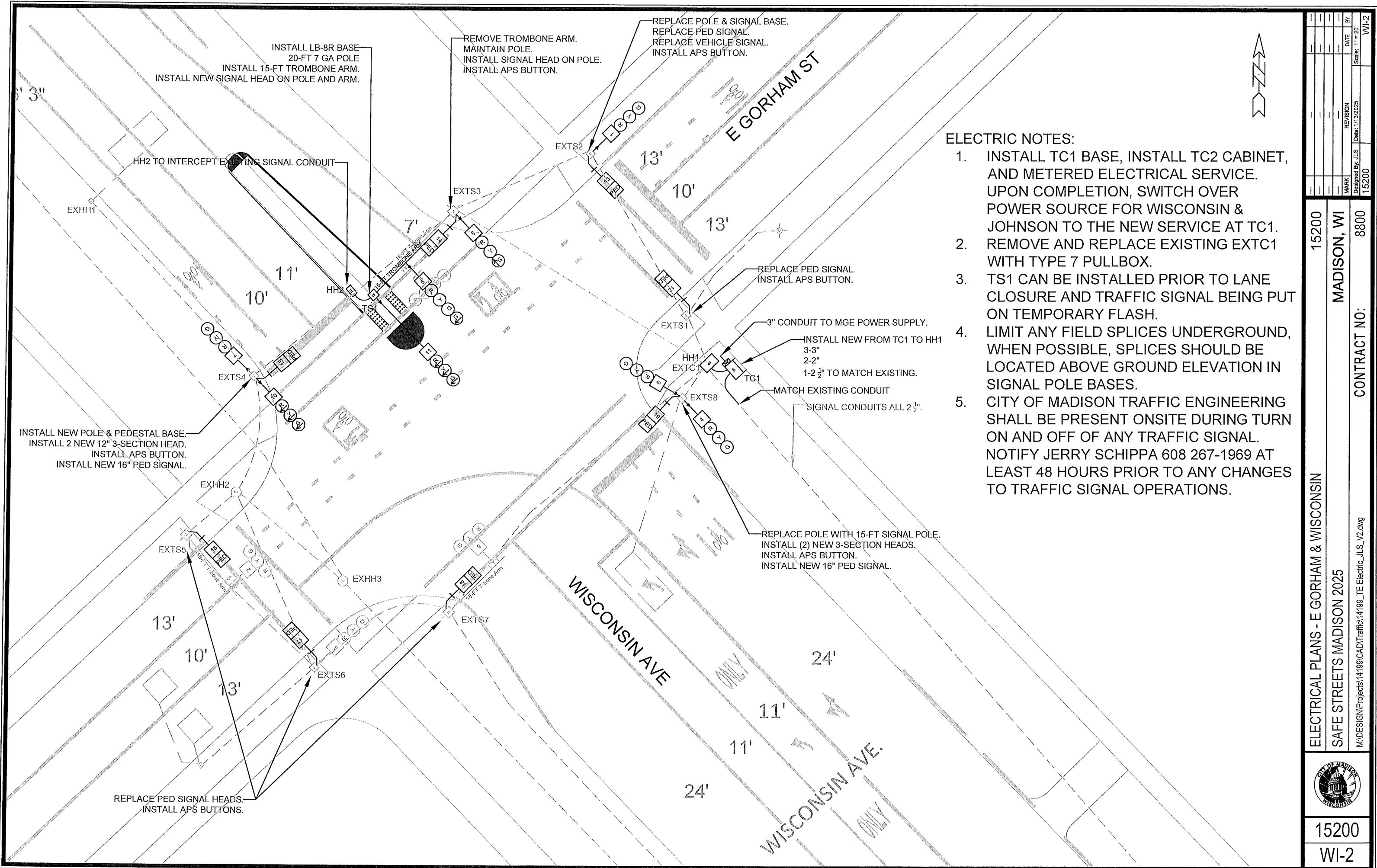
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CONTRACT NO:



5200

WI-1



- ELECTRIC NOTES:**
1. INSTALL TC1 BASE, INSTALL TC2 CABINET, AND METERED ELECTRICAL SERVICE. UPON COMPLETION, SWITCH OVER POWER SOURCE FOR WISCONSIN & JOHNSON TO THE NEW SERVICE AT TC1.
 2. REMOVE AND REPLACE EXISTING EXTC1 WITH TYPE 7 PULLBOX.
 3. TS1 CAN BE INSTALLED PRIOR TO LANE CLOSURE AND TRAFFIC SIGNAL BEING PUT ON TEMPORARY FLASH.
 4. LIMIT ANY FIELD SPLICES UNDERGROUND, WHEN POSSIBLE, SPLICES SHOULD BE LOCATED ABOVE GROUND ELEVATION IN SIGNAL POLE BASES.
 5. CITY OF MADISON TRAFFIC ENGINEERING SHALL BE PRESENT ONSITE DURING TURN ON AND OFF OF ANY TRAFFIC SIGNAL. NOTIFY JERRY SCHIPPA 608 267-1969 AT LEAST 48 HOURS PRIOR TO ANY CHANGES TO TRAFFIC SIGNAL OPERATIONS.

ELECTRICAL NOTES:

1. INDIVIDUAL PEDESTRIAN SIGNAL HEADS MAY BE SWAPPED OUT AT ANY TIME.
2. REMOVING AND REPLACING TRAFFIC SIGNAL HEADS TO OCCUR DURING LANE CLOSURE DURING FLASH OPERATIONS.
3. CITY OF MADISON TRAFFIC ENGINEERING SHALL BE ONSITE DURING ANY TRAFFIC SIGNAL OPERATION CHANGE (PUTTING INTO FLASH, TAKING OUT OF FLASH).
4. FIELD SPLICES TO BE LOCATED IN POLE BASES ABOVE GROUND WHEN POSSIBLE.

REPLACE SB 3-SECTION WITH 12" 3-SECTION HEAD.
REPLACE PED SIGNAL WITH 16" PED SIGNAL.
INSTALL APS BUTTON.

INSTALL APS BUTTON.

REMOVE TROMBONE ARM OFF POLE.
REPLACE PED SIGNAL WITH 16" PED SIGNAL.
INSTALL 3-SECTION SIGNAL ON POLE.
INSTALL APS BUTTON.

INSTALL APS BUTTON.

REPLACE POLE WITH 15-FT SIGNAL POLE.
INSTALL NEW PEDESTAL BASE.
INSTALL NEW 12" 3-SECTION HEAD.
INSTALL (2) NEW 16" PED SIGNAL.
INSTALL APS BUTTON (CROSSING JOHNSON).

REPLACE PED SIGNAL WITH 16" PED SIGNAL.
INSTALL APS BUTTON.

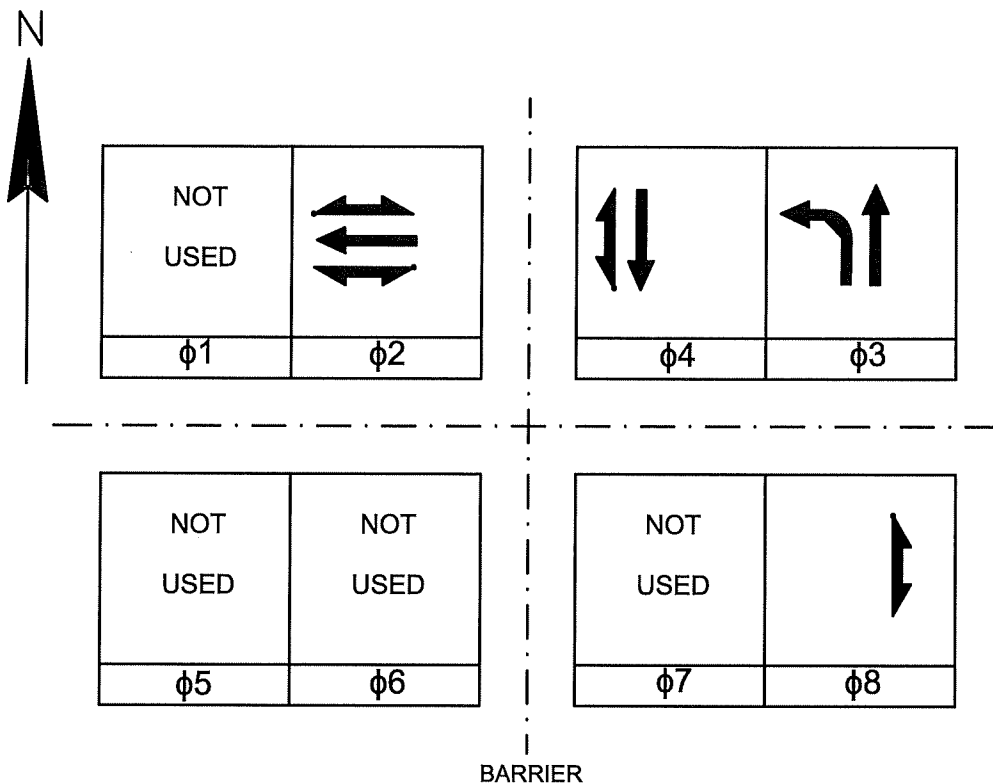
REPLACE POLE WITH 15-FT SIGNAL POLE.
INSTALL PEDESTAL BASE.
INSTALL NEW 12" 3-SECTION HEAD.
INSTALL NEW 16" PED SIGNAL.
INSTALL APS BUTTON.

INSTALL LB-8R BASE.
20-FT 7 GA POLE.
INSTALL 15-FT TROMBONE ARM.
INSTALL NEW 4-SECTION HEAD SIGNAL.
INSTALL ON POLE (2) 3-SECTION HEAD.

INTERCEPT EXISTING CONDUIT WITH TYPE I HANDHOLE.
INSTALL 3" PVC CONDUIT FROM HANDHOLE TO BASE.

ELECTRICAL PLANS - E JOHNSON & WISCONSIN		15200	WI-3
SAFE STREETS MADISON 2025		MADISON, WI	WI-3
M:\DESIGN\Projects\14199\CAD\Traffic\14199_TE Electric_JLS_V2.dwg		CONTRACT NO: 8800	Scale: 1"=20'
CITY OF MADISON WISCONSIN		15200	WI-3

	HEAD NUMBERS	FLASH	O.L. ASSIGNMENTS
φ1	6, 7	R	
φ2	5, 8-11	R	
φ3	26, 27	R	
φ4	15, 16, 17, 18	R	
φ5	12, 13, 14	R	
φ6	1, 2, 3, 4	R	
φ7	19, 20, 21	R	
φ8	22, 23, 24	R	
φ2 PED		—	
φ4 PED	11A, 11B	—	
φ6 PED	2 A-D	—	
φ8 PED		—	
		—	
		—	
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---	---	---	
---	---	---	
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PREEMPTION ASSIGNMENTS			
PREEMPTION DESIGNATION	PREEMPTION TYPE	EVP CHANNEL	PHASE(S) CALLED
1	RAILROAD	SEE CHART	
2	RESERVED		
3	EB EVP	A	1, 6
4	WB EVP	B	C, 5
5	NB EVP	C	4, 7
6	SB EVP	D	3, 8
7	NOT USED		
8	NOT USED		
9	NOT USED		
10	NOT USED		

CONTROLLER LOGIC

PHASE NUMBER	PHASE LOCKING	DUAL ENTRY W / φ	PHASE RECALL	PHASE ACTIVE
1	X		NONE	X
2	X		NONE	X
3	X		NONE	X
4	X		NONE	X
5	X		NONE	X
6	X		NONE	X
7	X		NONE	X
8	X		NONE	X
9	X		NONE	X
10	X		NONE	X
11	X		NONE	X
12	X		NONE	X

TYPE OF INTERCONNECT	
NONE	
TBC	
CLOSED LOOP TWISTED PAIR	
CLOSED LOOP FIBER OPTIC	X
RADIO	

TYPE OF LIGHTING	
BY OTHER AGENCY	
IN TRAFFIC SIGNAL CABINET	X
IN SEPARATE LIGHTING CABINET	X

TYPE OF PRE-EMPT	
NONE	
RAILROAD	
EMERGENCY VEHICLE	X
GTT	X
TOMAR	
HARDWIRE	
OTHER	
LIFT BRIDGE	
QUEUE DETECTOR	

TYPE OF REMOTE COMMUNICATION	
NONE	
FIBER	X
CELL MODEM	
PHONE	

DETECTOR LOGIC

DETECTOR INPUT	3	1	7	5	11	9	15	13	19	17	23	21	27	25	31	29
DETECTOR #(S)	62	61														
PHASE CALLED	6	6														
PHASE EXTENDED	6	6														
DISCONNECT TIME																
CALLING DELAY																
DIST. FROM STOP BAR	250	250														
LOOP FUNCTION																
DETECTOR INPUT	4	2	8	6	12	10	16	14	20	18	24	22	28	26	32	30
DETECTOR #(S)																
PHASE CALLED																
PHASE EXTENDED																
DISCONNECT TIME																
CALLING DELAY																
DIST. FROM STOP BAR																
LOOP FUNCTION																

15200

15200

WI-4

WISCONSIN & GORHAM SIGNAL SEQUENCE

SAFE STREETS MADISON

M:\DESIGN\Projects\14199\CAD\Traffic\14199_Signal Sequences.dwg

CITY OF MADISON, WI

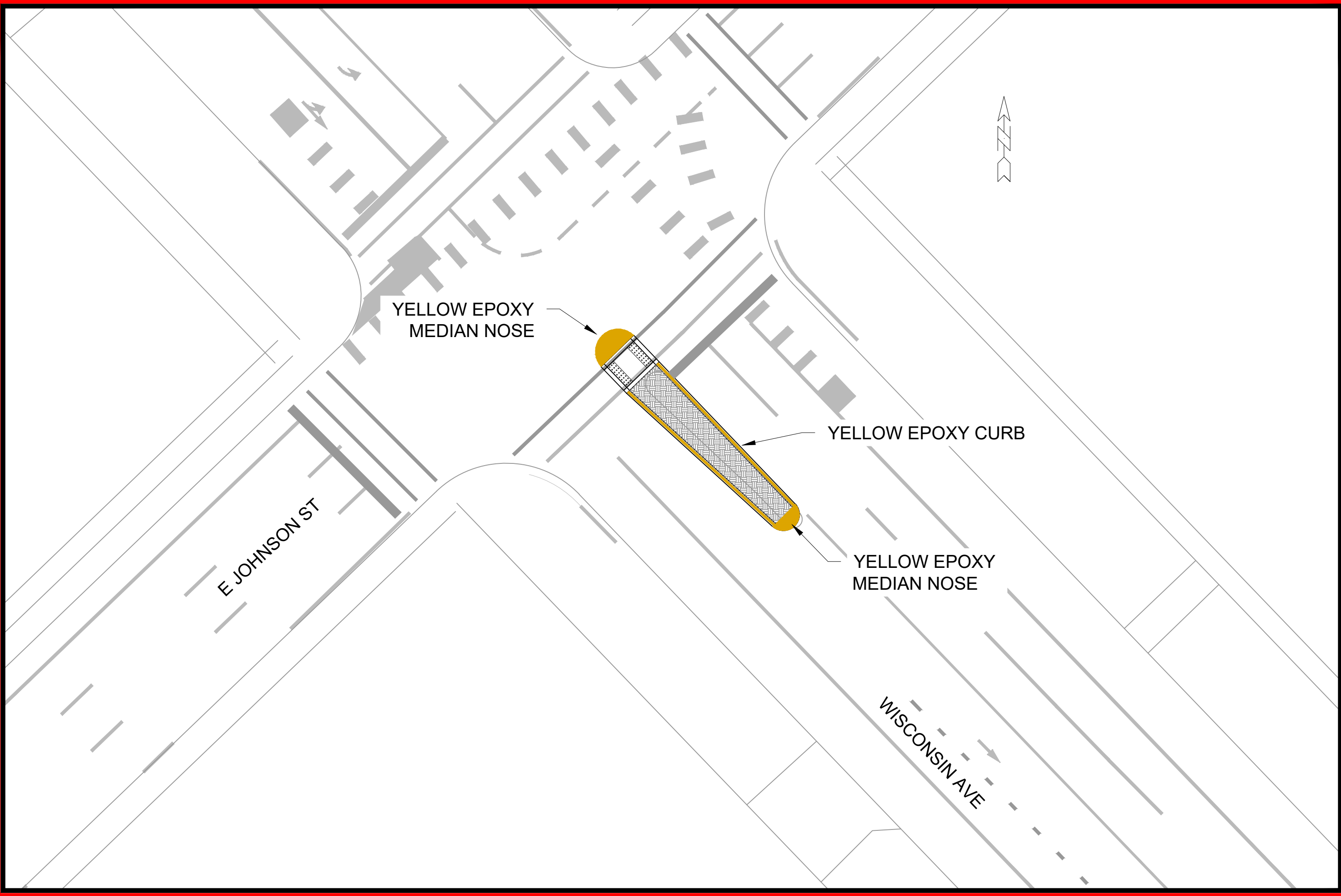
CONTRACT NO: 8800

15200

WI-4

15200

WI-4



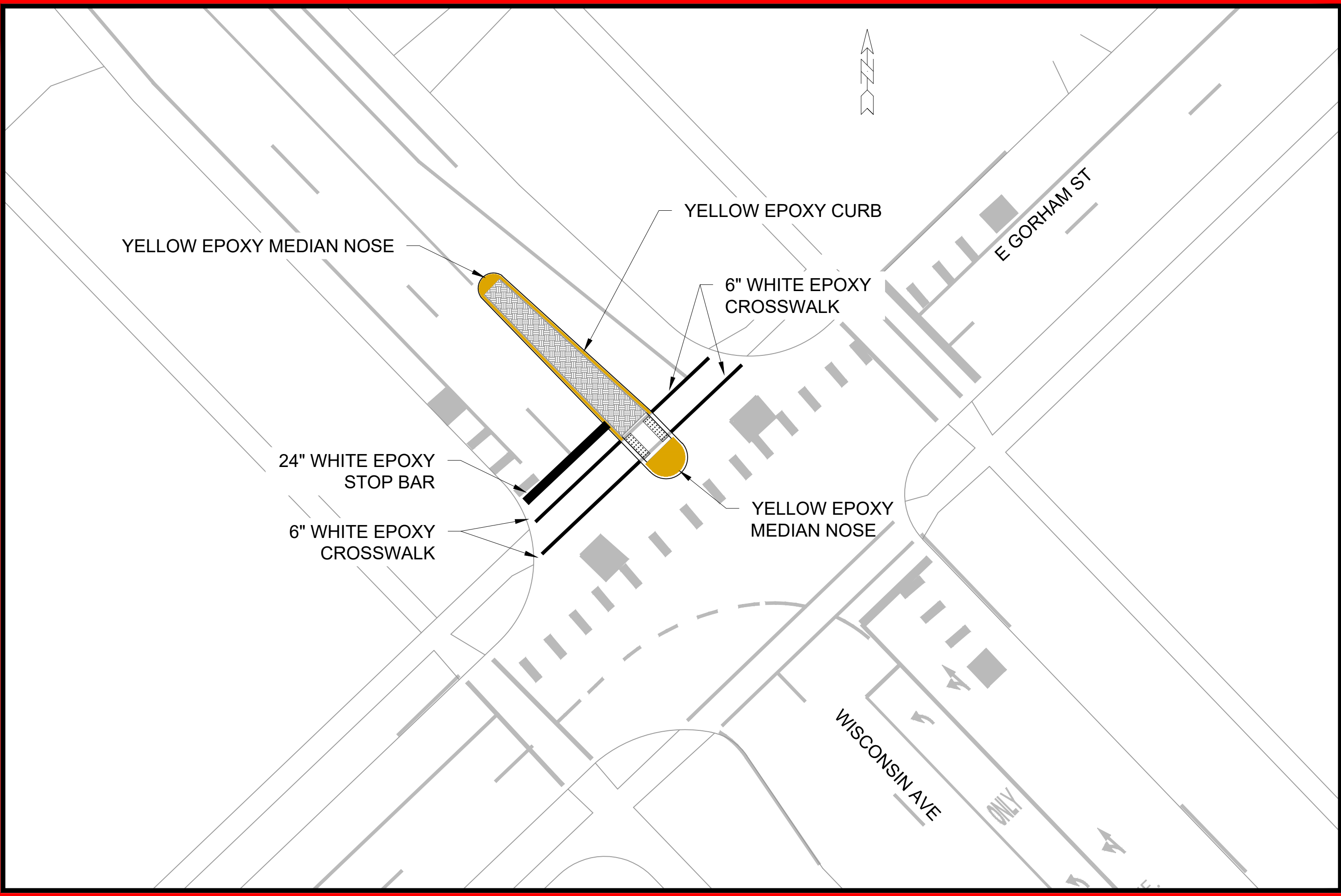
MARK	REVISION	DATE	BY
Designed By: LMC	Date: 2/26/2025 9:42 AM	Scale: 1/20	WI6
15200			

PAVEMENT MARKING PLAN - WISCONSIN AND JOHNSON	15200
SAFE STREETS 2025	MADISON, WI
M:\DESIGN\Projects\14658\CAD\Traffic\14658TE - Wisconsin Ave.dwg	CONTRACT NO: 8800



15200

WI-6



MARK	REVISION	DATE	BY
Designed By: LMC	Date: 2/26/2025 9:43 AM	Scale: 1/20	WI-7
15200			

15200	15200
MADISON, WI	8800
CONTRACT NO:	
PAVEMENT MARKIGN PLAN - WISCONSIN AND GORHAM	
SAFE STREETS 2025	
M:\DESIGN\Projects\14658\CAD\Traffic\14658TE - Wisconsin Ave.dwg	

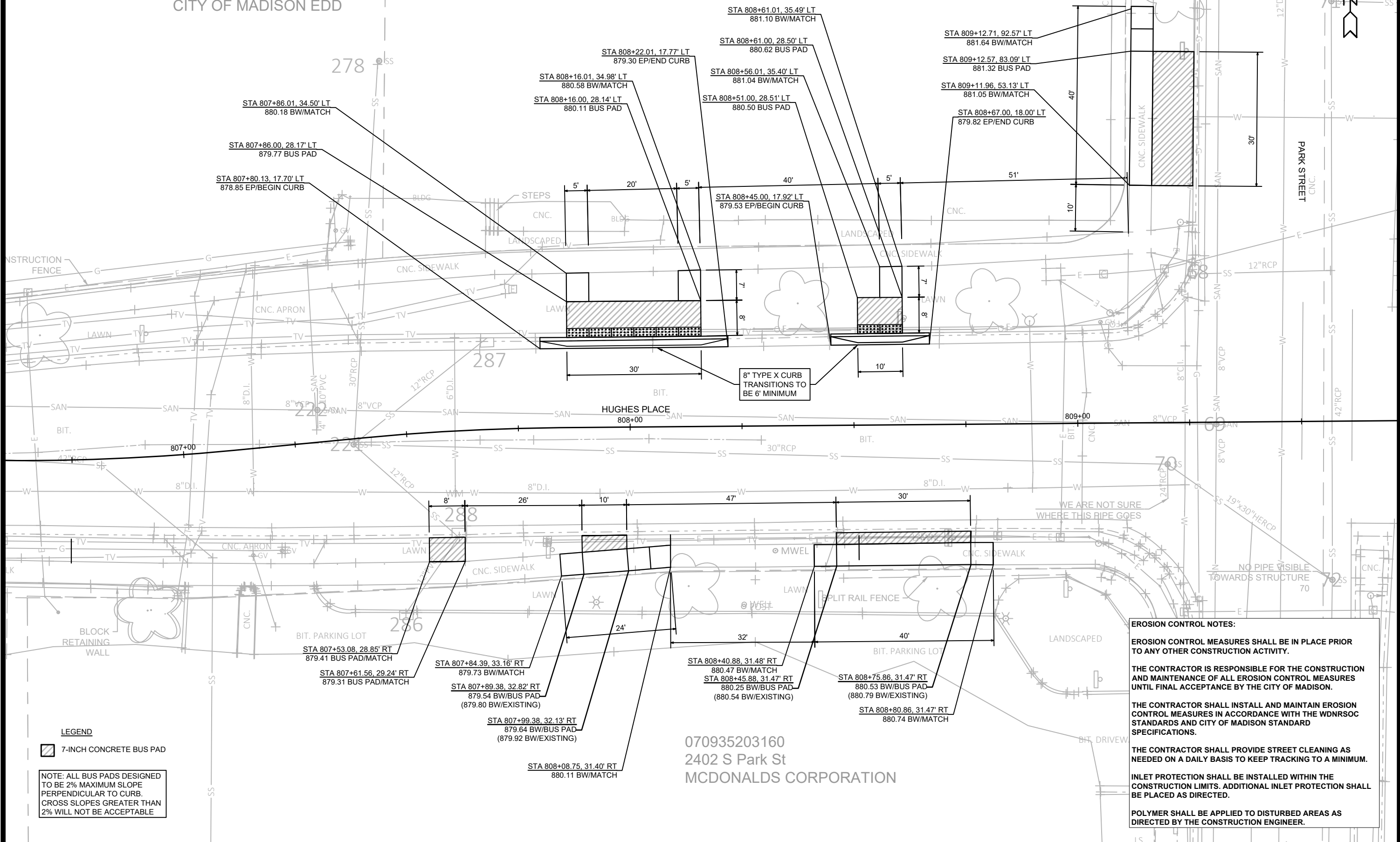


15200

WI-7



070935204093
2352 S Park St Unit CDM
BLACK BUSINESS HUB CDM
ULGM REAL ESTATE



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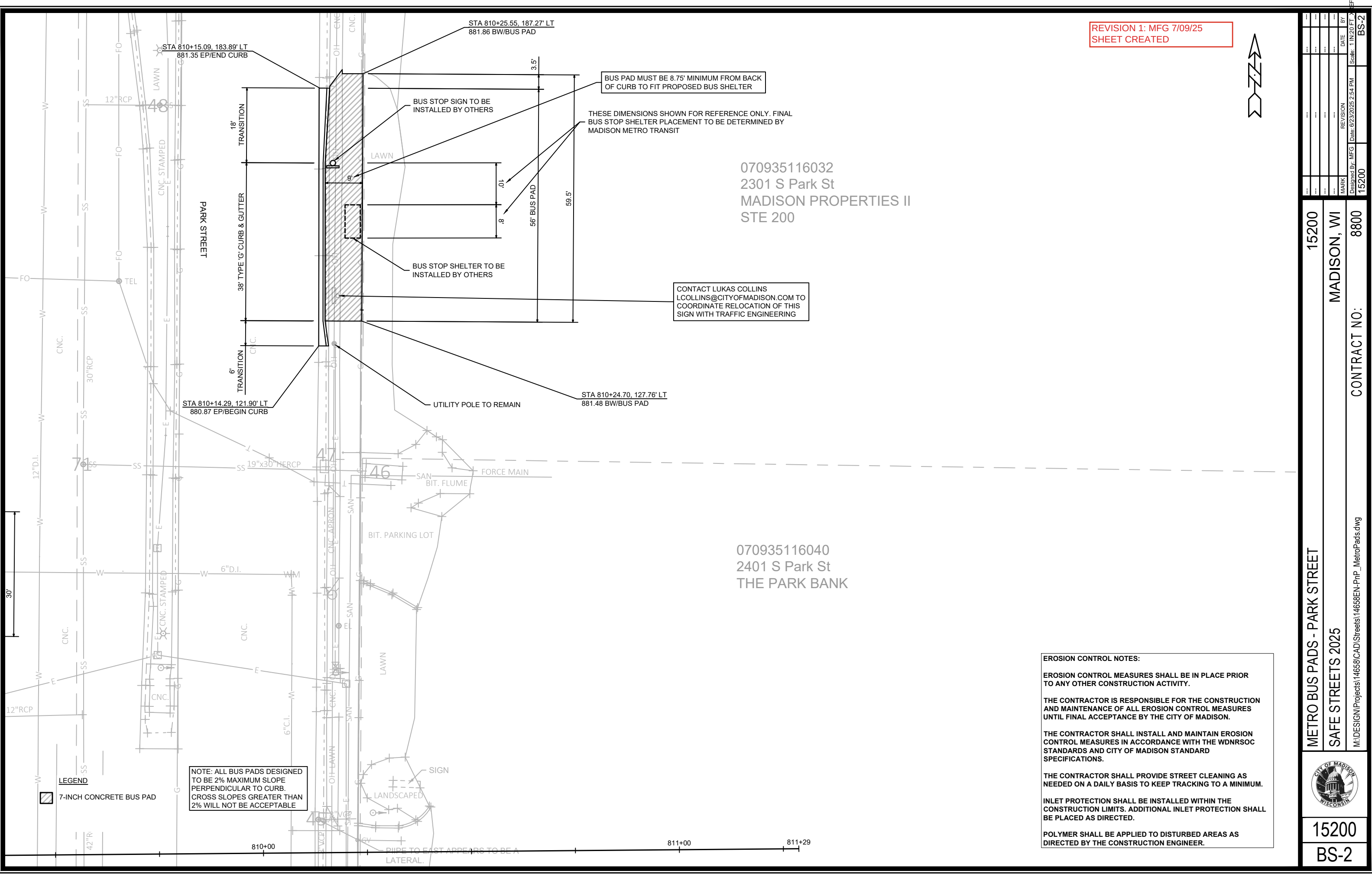
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METRO BUS PADS - PARK & HUGHES	15200
SAFE STREETS 2025	MADISON, WI
M:\DESIGN\Projects\14658\CAD\Streets\14658EN-PnP_MetroPads.dwg	
CONTRACT NO: 8800	



15200
BS-1



REVISION 1: MFG 7/09/25
SHEET CREATED



070935116032
2301 S Park St
MADISON PROPERTIES II
STE 200

CONTACT LUKAS COLLINS
LCOLLINS@CITYOFMADISON.COM TO
COORDINATE RELOCATION OF THIS
SIGN WITH TRAFFIC ENGINEERING

070935116040
2401 S Park St
THE PARK BANK

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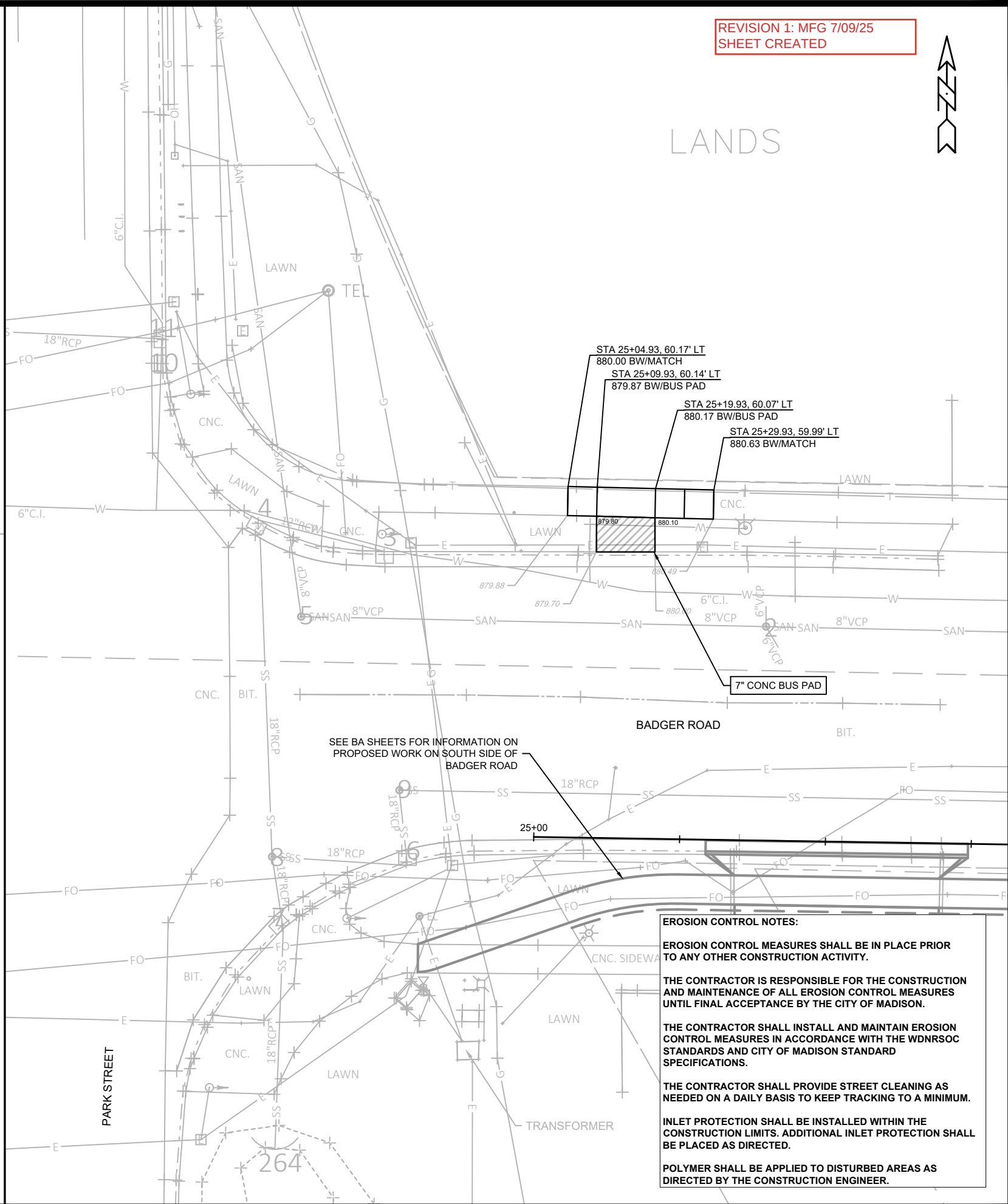
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NOTE: ALL BUS PADS DESIGNED TO BE 2% MAXIMUM SLOPE PERPENDICULAR TO CURB. CROSS SLOPES GREATER THAN 2% WILL NOT BE ACCEPTABLE

LEGEND
7-INCH CONCRETE BUS PAD

15200		15200	
MADISON, WI		MADISON, WI	
SAFE STREETS 2025		SAFE STREETS 2025	
CONTRACT NO: 8800		CONTRACT NO: 8800	
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15200		15200	
BS-2		BS-2	



		METRO BUS PADS - FISHER AND BADGER SAFE STREETS 2025		15200 MADISON, WI		15200	
15200 BS-3		CONTRACT NO: 8800		MARK		REVISION	
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15200		BS-3		DATE		BY	

			60253	60263	60265	60267	60269	60280	90030		
			FURNISH & INSTALL								
			3#4 & 1#8 WIRES	5-14 AWG	7-14 AWG	9-14 AWG	12-14 AWG	LOOP DETECTOR LEAD IN WIRES	#10 AWG WIRE		
			(LF)	(LF)	(LF)	(LF)	(LF)	(LF)	(LF)		
PORTLAND PARKWAY & MILWAUKEE RFB	FROM	TO								COMMENTS	
	EXSL4184	EXSL4185	130	-	-	-	-	-	-	ALL STREET LIGHTSON ALL NIGHT CIRCUIT	
	EXSL4185	LC1	130	-	-	-	-	-	-		
	EXSL4186	LC1	305	-	-	-	-	-	-		
SUBTOTAL			565	0	0	0	0	0	0		

ACEWOOD & COTTAGE GROVE ROAD LEFT TURN ARROW	FROM	TO	60253	60263	60265	60267	60269	60280	90030	COMMENTS	
	EXHH8	EXTC1	-	-	-	-	-	500	-	(2) LOOP DETECTOR LEAD IN (L19-L21)	
	EXHH14	EXTC1	-	-	-	-	-	15	-	(2) LOOP DETECTOR LEAD IN (L22-L24)	
	EXTC1	TS11	-	-	-	-	100	-	100	HOMERUN CONNECTION	
	TS11	SL7230	-	78	-	-	-	-	78	POTENTIAL FOR DAISY CHAIN CONNECTION	
	SL7233	TS10	-	45	-	-	-	-	45	DAISY CHAIN CONNECTION	
	TS10	EXTS7	-	-	55	-	-	-	55	DAISY CHAIN CONNECTION	
SUBTOTAL			0	123	55	0	100	515	278		

WISCONSIN AVENUE TRAFFIC SIGNAL UPGRADES	FROM	TO	60253	60263	60265	60267	60269	60280	90030	COMMENTS	
	TS1	EXTS4	-	40	-	-	-	-	40		
	EXTS4	EXTS3	-	65	-	-	-	-	65		
	TS2	EXTS4	-	40	-	-	-	-	40		
	EXTS3	EXTS2	35	-	-	-	35	-	35		
	EXTS2	EXTS1	45	-	-	-	45	-	45		
	EXTS1	TC1	25	-	-	-	45	-	25		
	TC1	EXTS8	-	-	-	20	-	-	20		
	TC1	EXTS7	100	-	-	-	100	-	100		
SUBTOTAL			205	145	0	20	225	0	370		
TOTALS			770	268	55	20	325	515	648		



ELECTRICAL PLAN MISC. QUANTITIES		15200	MADISON, WI		8800
SAFE STREETS MADISON 2025		CONTRACT NO:			
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15200					
E-2					

		60413	60416	60417	60243	60424	90040	60245	60602	60702	60708	COMMENTS
		CONSTRUCT			REMOVE				INSTALL	CONSTRUCT		
		TYPE "P" BASE (EACH)	TYPE LB-8R BASE (EACH)	TYPE GR BASE (EACH)	TRAFFIC SIGNAL POLE (EACH)	TRAFFIC SIGNAL BASE (EACH)	TRAFFIC SIGNAL CABINET BASE (EACH)	TRAFFIC SIGNAL CABINET (EACH)	METERED ELECTRIC SERVICE (EACH)	HANDHOLE TYPE I	HANDHOLE TYPE VII	
STRUCTURE												
PORTLAND PARKWAY & MILWAUKEE RRTB	HH1	-	-	-	-	-	-	-	-	1	-	
	HH2	-	-	-	-	-	-	-	-	1	-	
	HH3	-	-	-	-	-	-	-	-	1	-	
	HH4	-	-	-	-	-	-	-	-	1	-	
	HH5	-	-	-	-	-	-	-	-	1	-	
	TS1	-	1	-	-	-	-	-	-	-	-	
	TS2	-	1	-	-	-	-	-	-	-	-	
	TS3	-	1	-	-	-	-	-	-	-	-	
	TS4	-	-	1	-	-	-	-	-	-	-	
	EXTS1	-	-	-	1	1	-	-	-	-	-	
SUBTOTAL		0	3	1	1	1	0	0	0	5	0	

	STRUCTURE	60413	60416	60417	60243	60424	90040	60245	60602	60702	60708	COMMENTS
ACEWOOD & COTTAGE GROVE ROAD LEFT TURN ARROW	EXTS4	-	-	-	1	-	-	-	-	-	-	
	TS9	-	1	-	-	-	-	-	-	-	-	
	EXTS6	-	-	-	1	-	-	-	-	-	-	
	TS10	-	1	-	-	-	-	-	-	-	-	
	EXTS8	-	-	-	1	-	-	-	-	-	-	
	TS11	-	1	-	-	-	-	-	-	-	-	
	HH15	-	-	-	-	-	-	-	-	1	-	
SUBTOTAL		0	3	0	3	0	0	0	0	1	0	

	STRUCTURE	60413	60416	60417	60243	60424	90040	60245	60602	60702	60708	COMMENTS
WISCONSIN AVENUE TRAFFIC SIGNAL UPGRADE	HH1	-	-	-	-	-	-	-	-	-	1	
	HH2	-	-	-	-	-	-	-	-	1	-	
	HH3	-	-	-	-	-	-	-	-	1	-	
	EXTS4	-	-	-	1	-	-	-	-	-	-	
	EXTS8	-	-	-	1	-	-	-	-	-	-	
	EXTC1	-	-	-	-	-	1	1	-	-	-	REMOVE AND REPLACE WITH TYPE 7 HH1 WITH NEW MGE 120V 100 AMP SERVICE
	TC1	1	-	-	-	-	-	-	1	-	-	
	TS1	-	1	-	-	-	-	-	-	-	-	
	TS2	-	1	-	-	-	-	-	-	-	-	
	EXTS14	-	-	-	1	-	-	-	-	-	-	
	EXTS3	-	-	-	1	-	-	-	-	-	-	COVERS REMOVING TROMBONE ARM, LEAVING STREET LIGHT POLE
SUBTOTAL		1	2	0	4	0	1	1	1	2	1	
TOTALS		1	8	1	8	1	1	1	1	8	1	

15200

MADISON, WI

CONTRACT NO: 8800

ELECTRICAL PLAN MISC. QUANTITIES

SAFE STREETS MADISON 2025

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15200

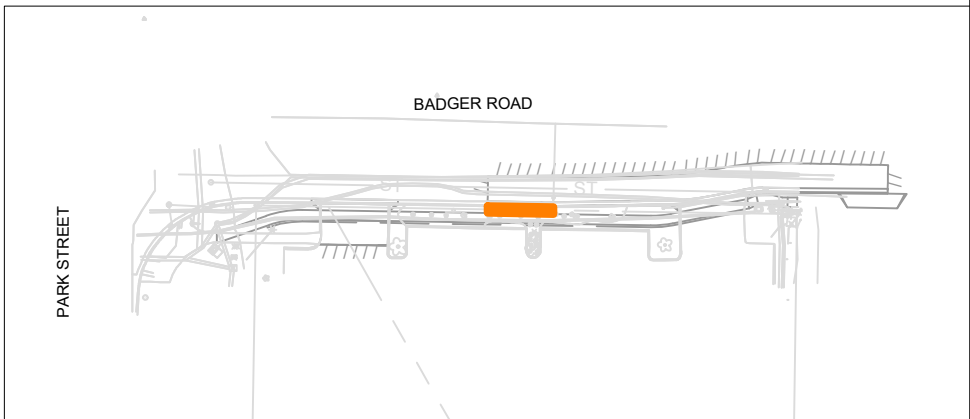
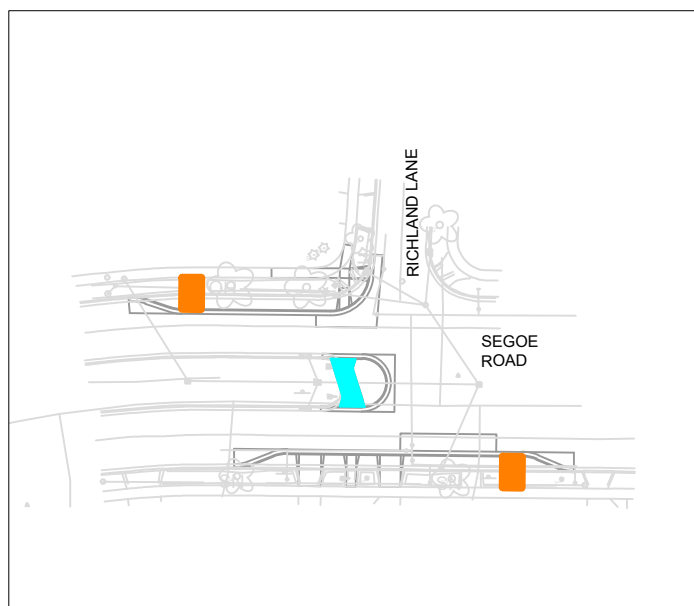
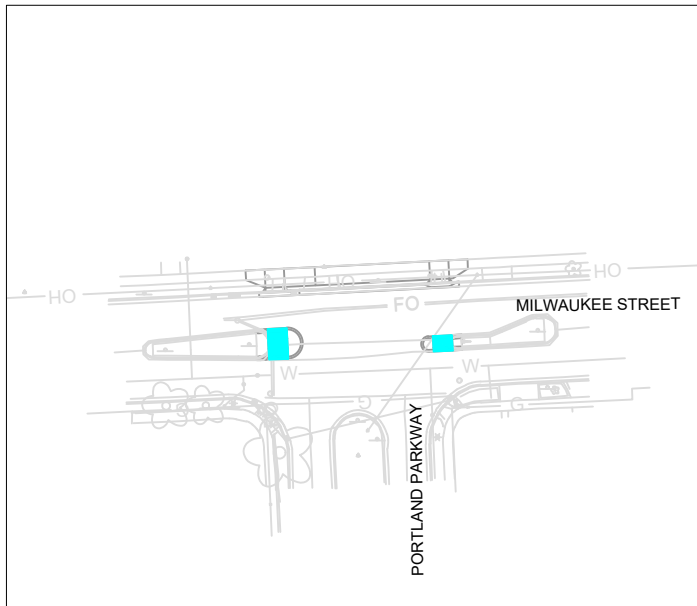
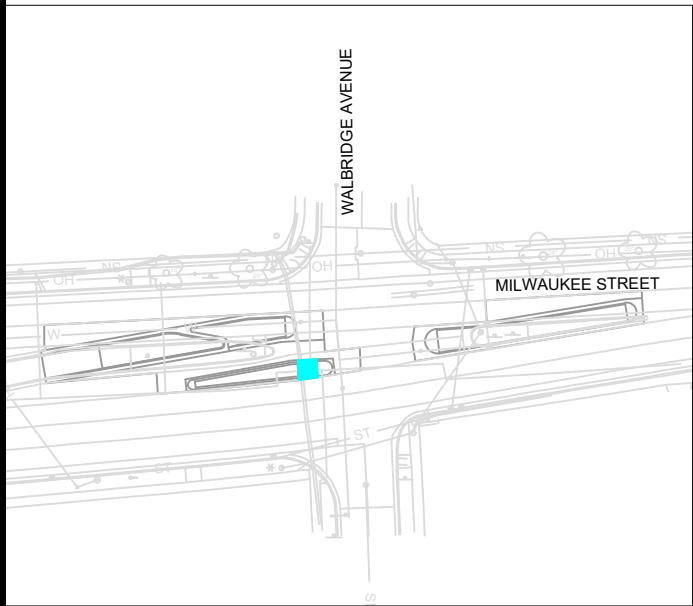
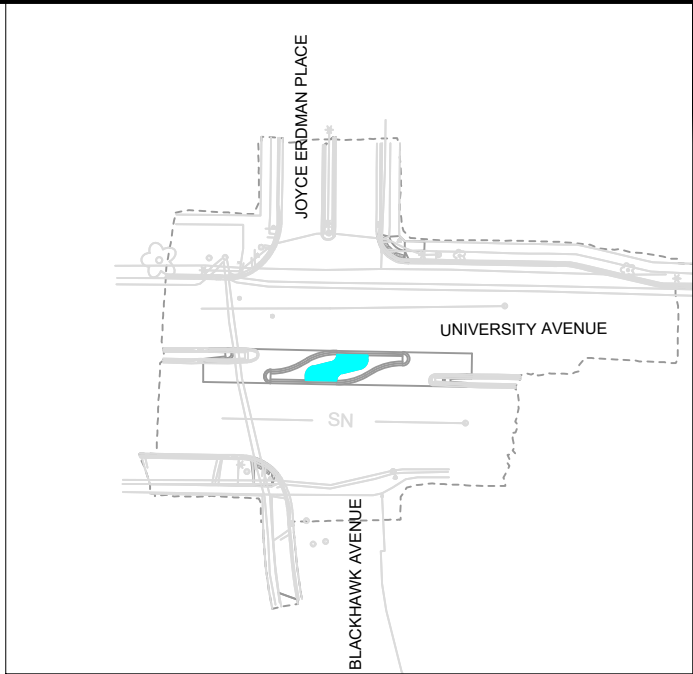
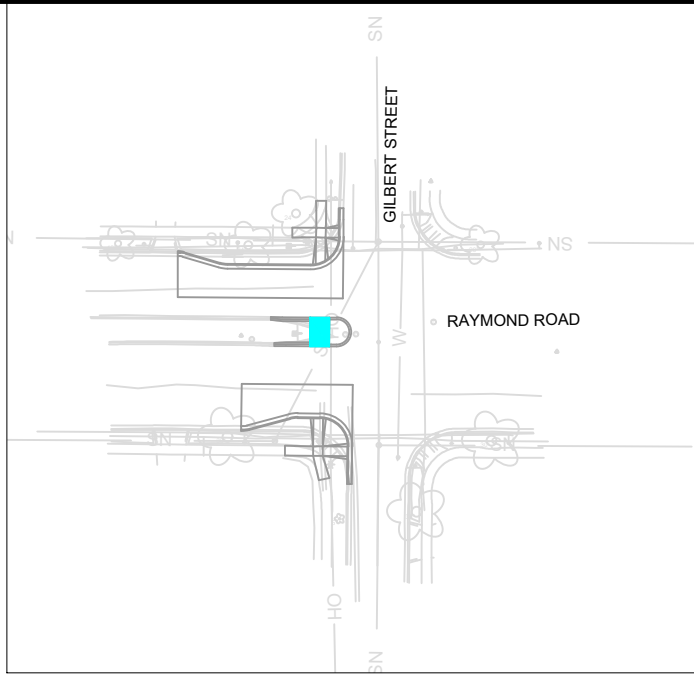
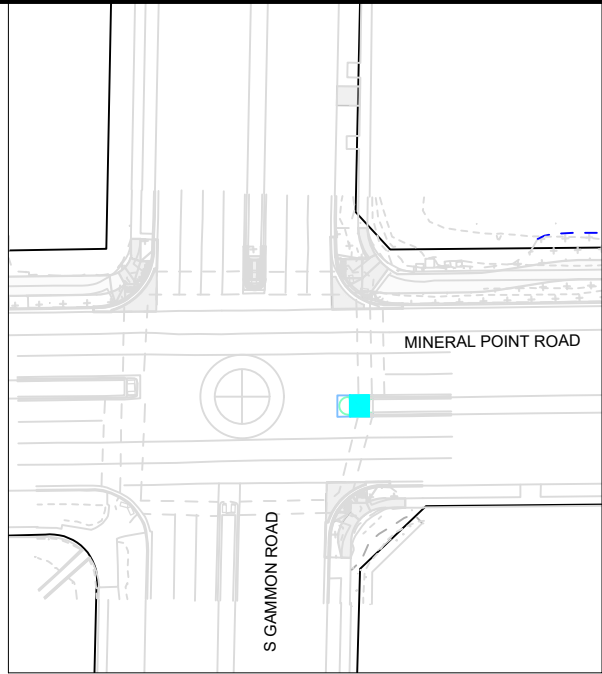
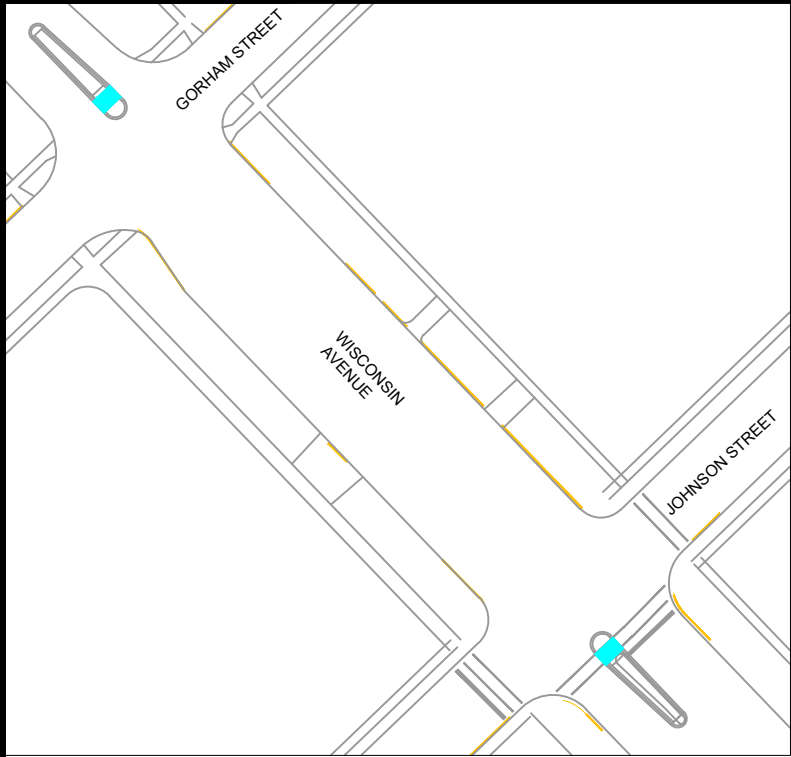
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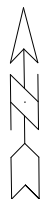


MAINTENANCE LEGEND:

-  = BUS STOP PAD REQUIRES SNOW REMOVAL BY CITY
-  =CROSSWALK ISLAND REQUIRE SNOW REMOVAL BY CITY

**NOT FOR CONSTRUCTION -
CITY RECORDS ONLY**

SCALE 1"=100'



15200		MADISON, WI		CONTRACT NO: 8800		MN-1	
MAINTENANCE PLAN (CITY USE ONLY)		SAFE STREETS 2025		M:\DESIGN\Projects\14658\CAD\Streets\14658EN-Maintenance.dwg		15200	
CITY OF MADISON WISCONSIN		REVISION		Date: 2/24/2025 8:50 AM		BY	
MARK		REVISION		Scale: 1:100		DATE	
Designed By: MFG		15200		15200		15200	