CITY OF MADISON

CITY ENGINEERING DIVISION
DEPARTMENT OF PUBLIC WORKS
PLAN OF PROPOSED IMPROVEMENT

Madison, Wisconsin

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 Date

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
SHEET NO.	SR1-SR7	SEGOE RICHLAND
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.	E1-E6	ELECTRICAL SHEETS (PROJECTWIDE)
SHEET NO.	MN1	MAINTENANCE PLAN (CITY USE ONLY)

NOTES:

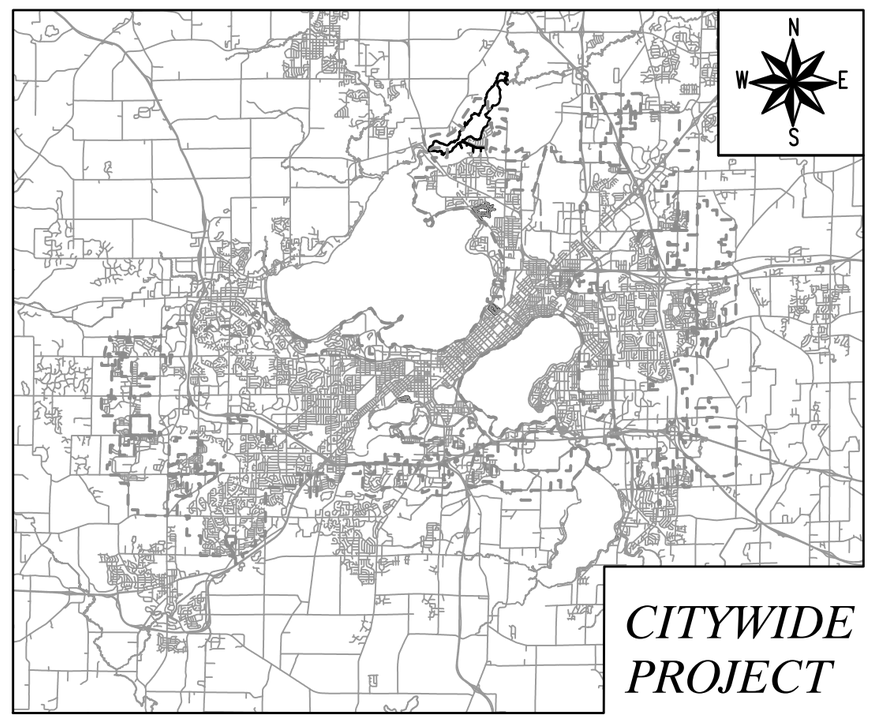
- ALL GUTTERS SHALL DRAIN WITH A MINIMUM GRADE OF 0.50% TOWARD STORM SEWER INLETS.
- SIDEWALK RAMPS SHALL HAVE A MAXIMUM SLOPE OF 1" PER 12". SIDEWALK AND CURB RAMPS SHALL BE CONSTRUCTED WITH A SIDE SLOPE OF 2.00%. SIDEWALK SHALL HAVE A MINIMUM LONGITUDINAL SLOPE OF 0.50% AND A MAXIMUM LONGITUDINAL SLOPE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

SAFE STREETS 2025

CITY PROJECT NO. 15200
CONTRACT NO. 8800



CITYWIDE PROJECT

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.

ELECTRICAL DESIGNED BY:

WISCONSIN JERRY L. SCHIPPA E-44406 SUN PRAIRIE WI PROFESSIONAL ENGINEER

Mar 3, 2025

STREET DESIGNED BY:

WISCONSIN ANDREW J. ZWIEG E-41753 MADISON WI PROFESSIONAL ENGINEER

Feb 28, 2025

PAVEMENT MARKING DESIGNED BY:

WISCONSIN THOMAS A. MOHR E-42481 MADISON WI PROFESSIONAL ENGINEER

Feb 28, 2025

STORM SEWER DESIGNED BY:

WISCONSIN JANET SCHMIDT E-34681 MADISON WI PROFESSIONAL ENGINEER

Feb 28, 2025

TRAFFIC CONTROL DESIGNED BY:

WISCONSIN THOMAS A. MOHR E-42481 MADISON WI PROFESSIONAL ENGINEER

Feb 28, 2025

GEOMETRICS DESIGNED BY:

WISCONSIN THOMAS A. MOHR E-42481 MADISON WI PROFESSIONAL ENGINEER

Feb 28, 2025

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.

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15200

MADISON, WI

CONTRACT NO: 8800

ELECTRICAL PLAN NOTES

SAFE STREETS MADISON 2024

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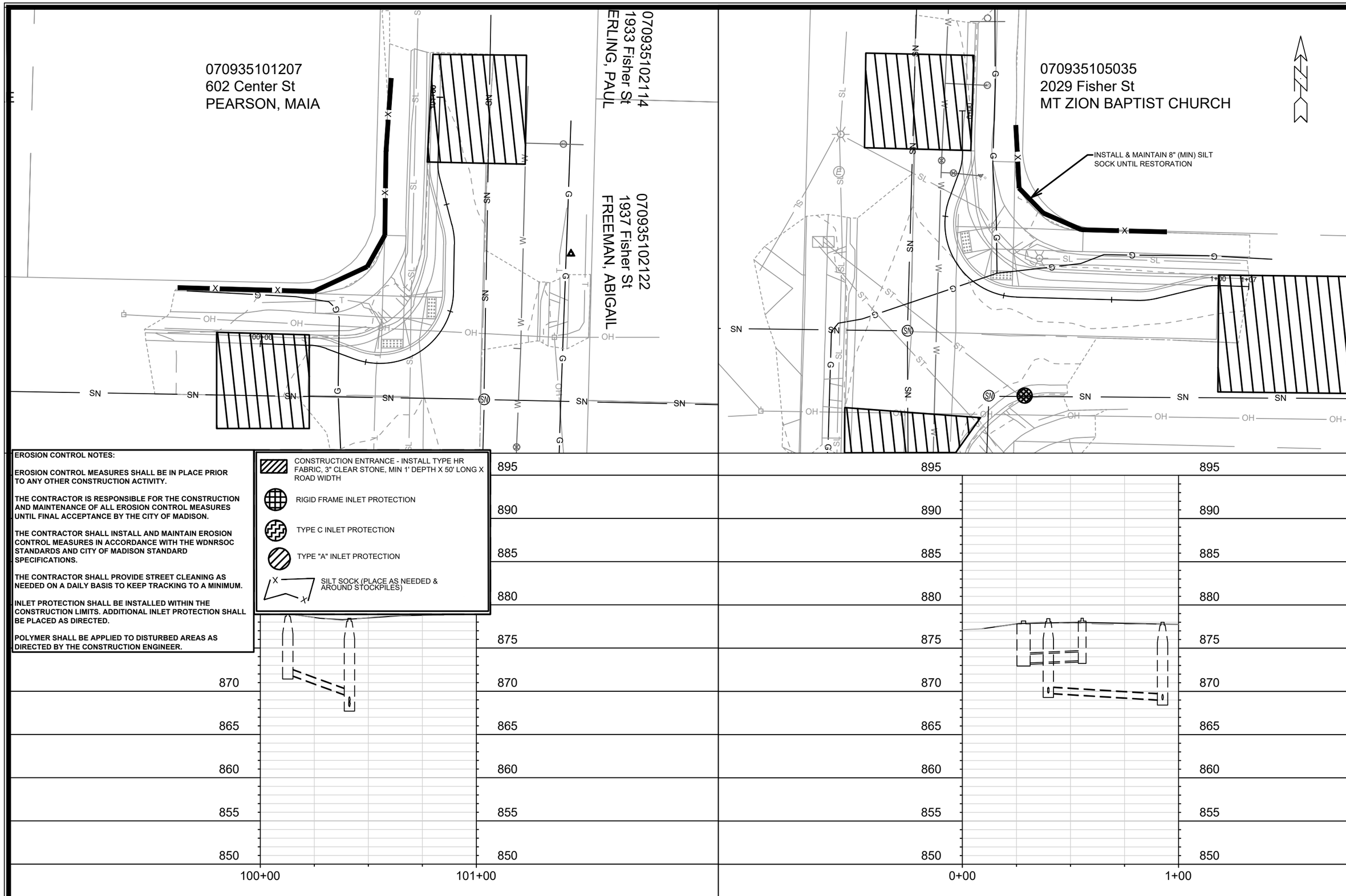
15200

D-1



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.

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15200

MADISON, WI

8800

CONTRACT NO:

EROSION CONTROL PLAN - FISHER ST

SAFE STREETS 2025

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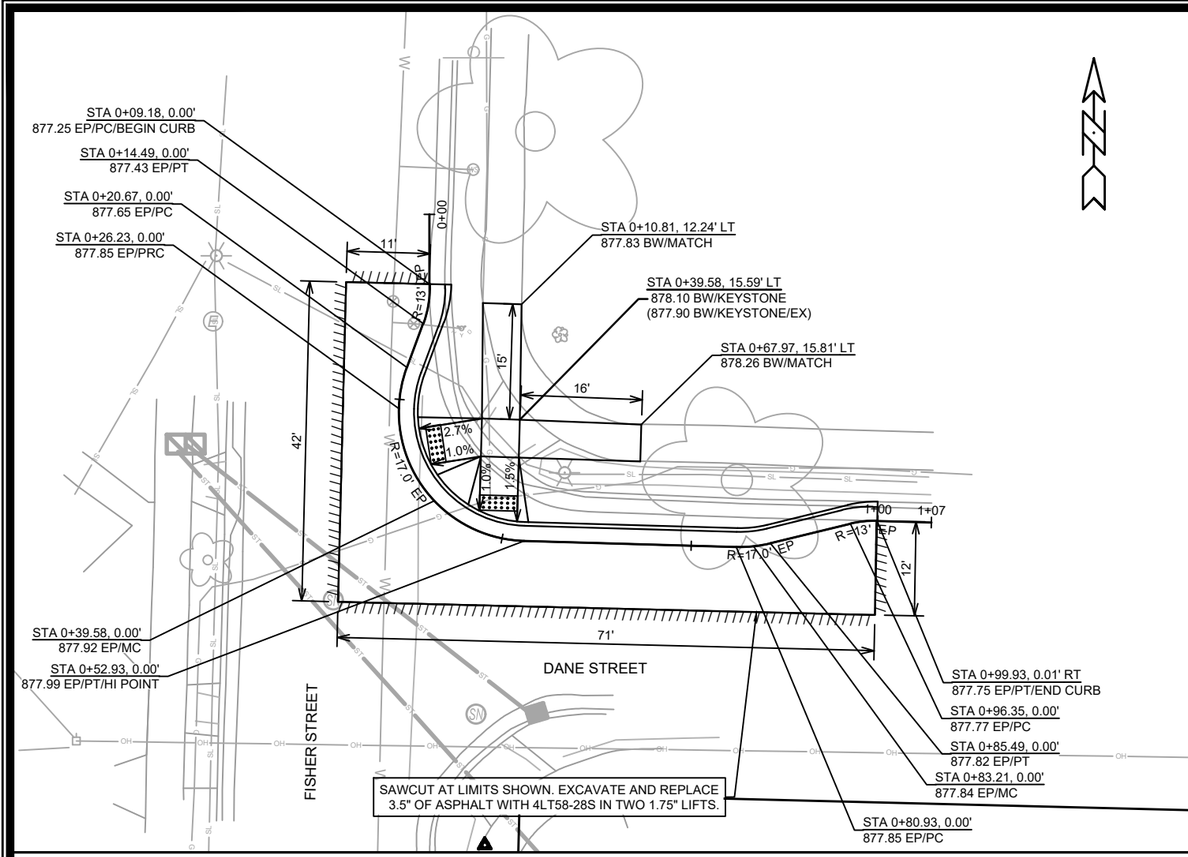
15200

FS-1

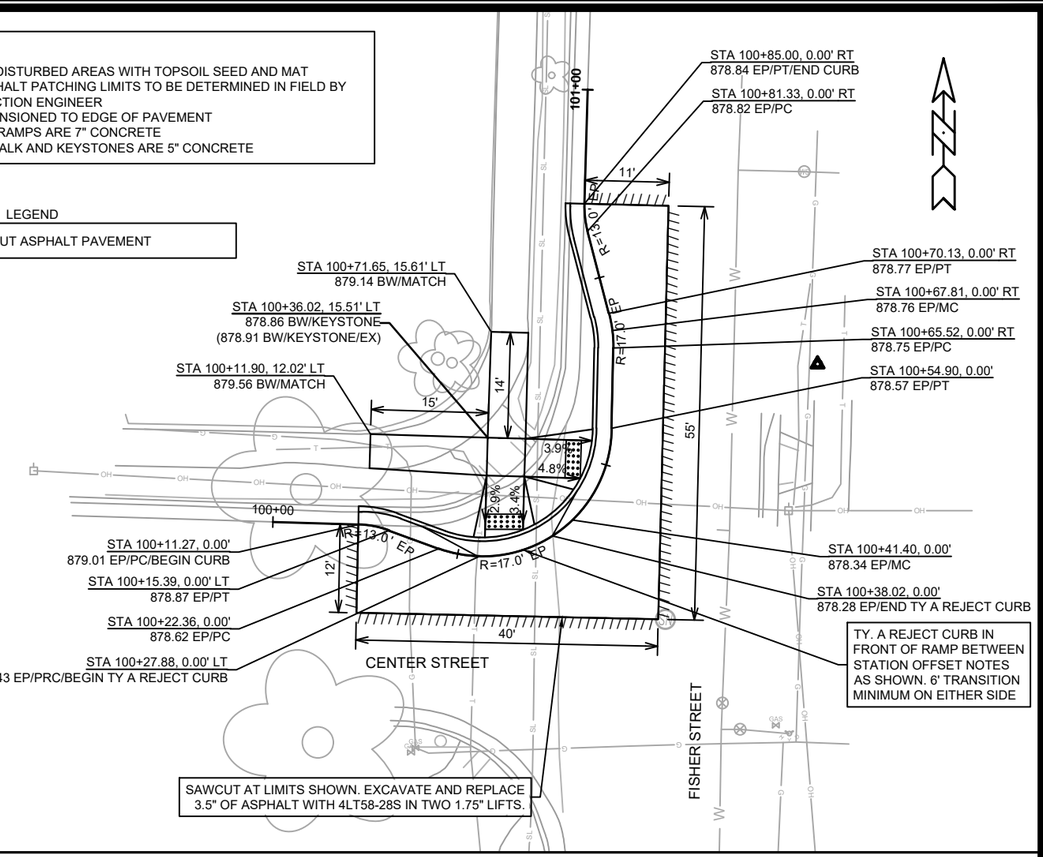


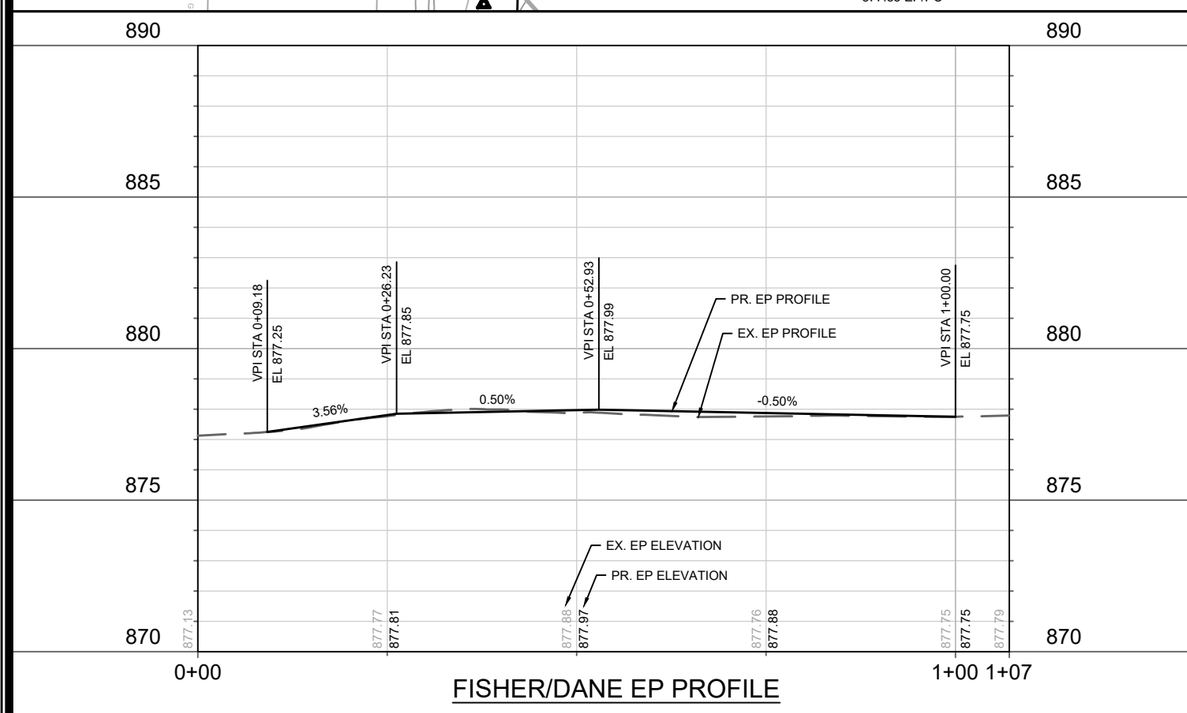
NOTES:

- 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

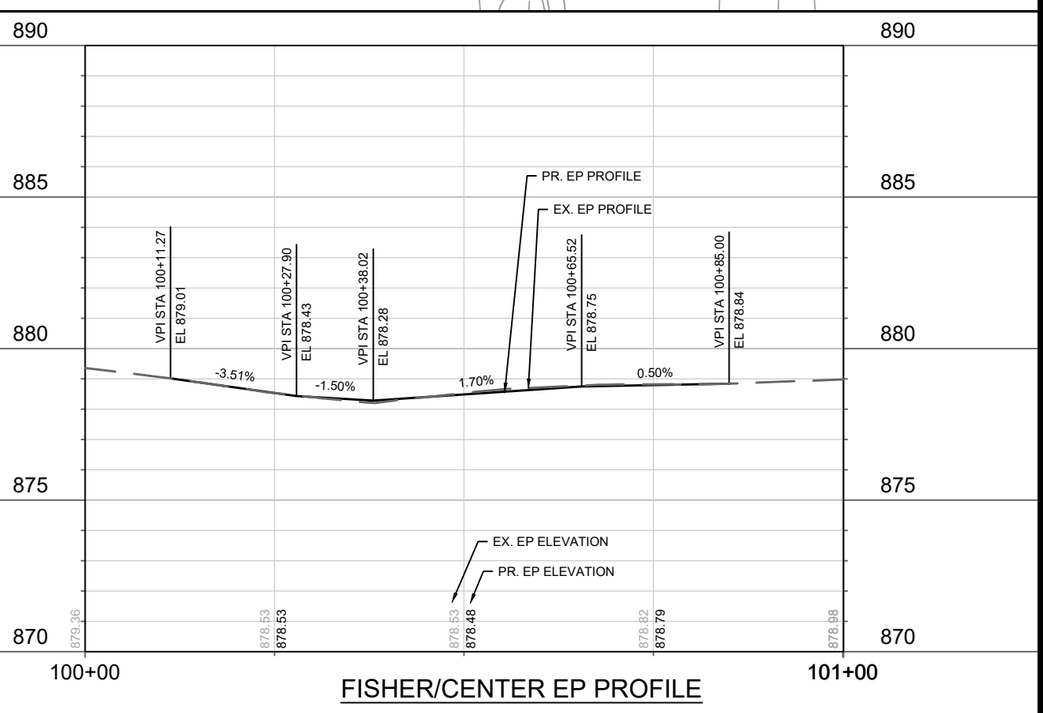
LEGEND

/////// SAWCUT ASPHALT PAVEMENT





FISHER/DANE EP PROFILE



FISHER/CENTER EP PROFILE

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MADISON, WI

CONTRACT NO: 8800

FISHER CENTER DANE PLAN & PROFILE

SAFE STREETS 2025

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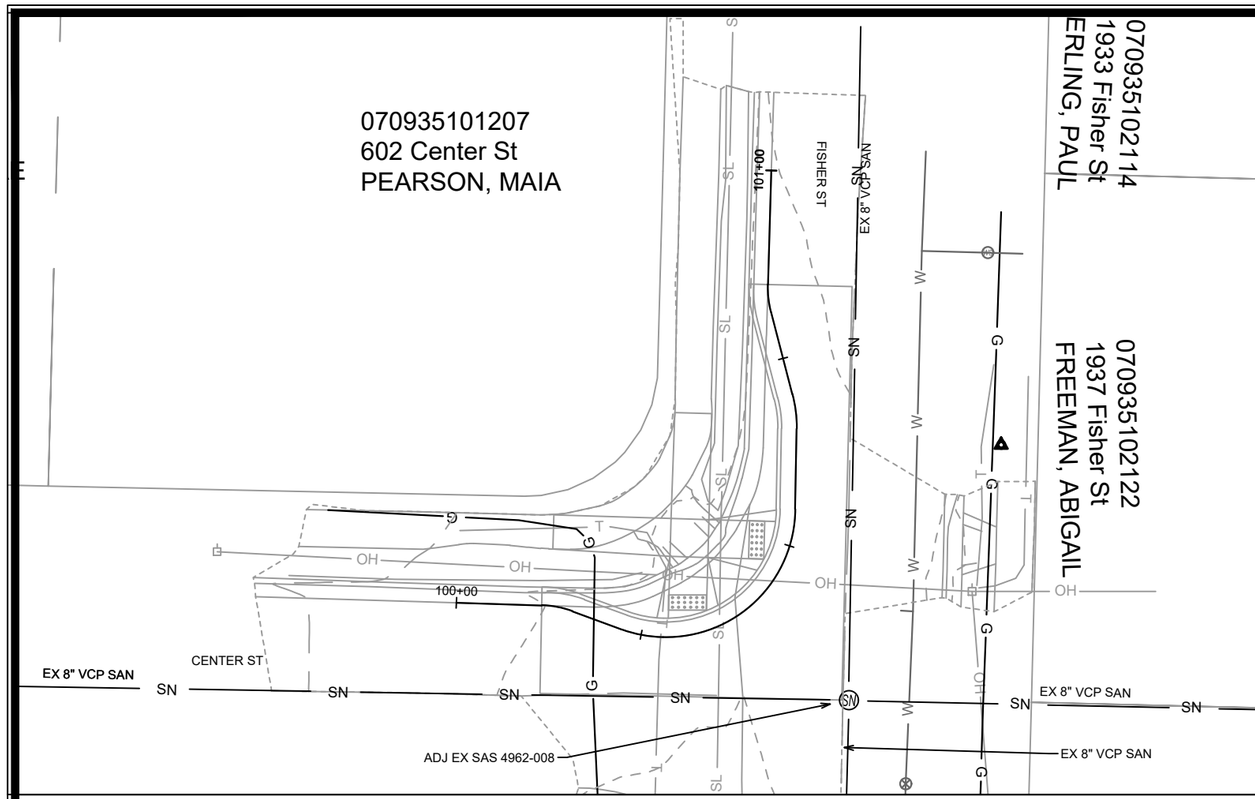
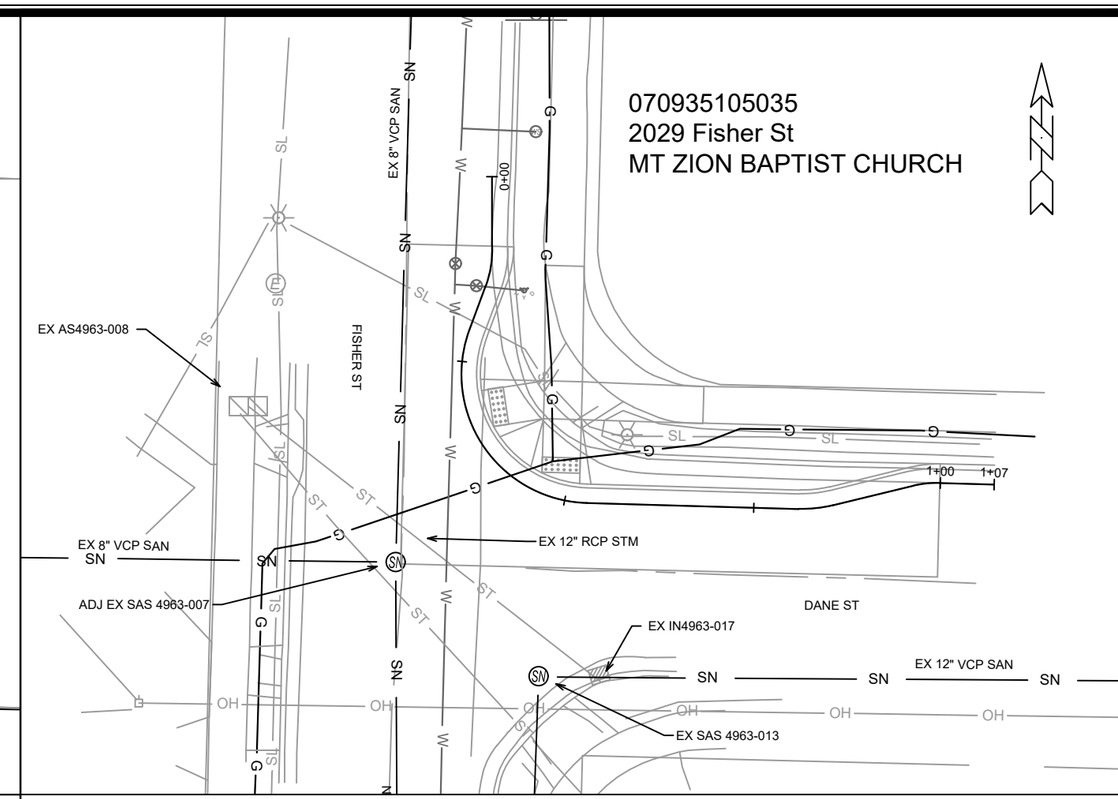
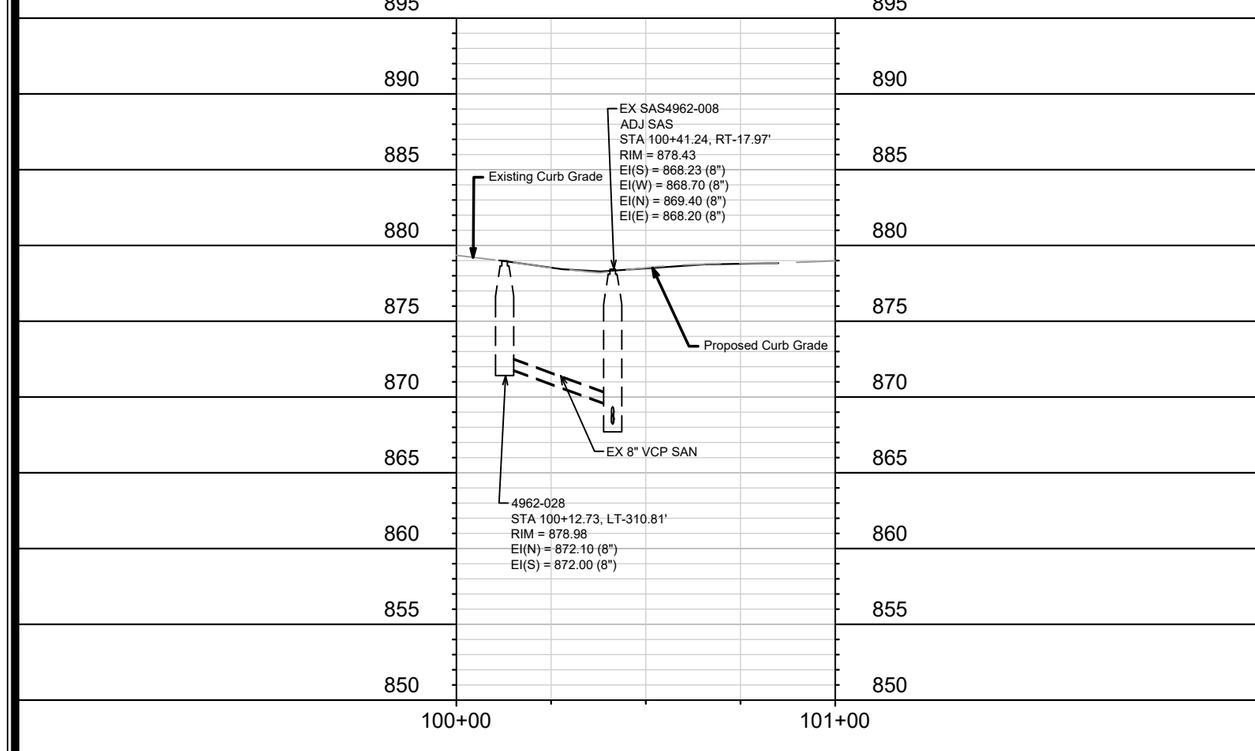
15200

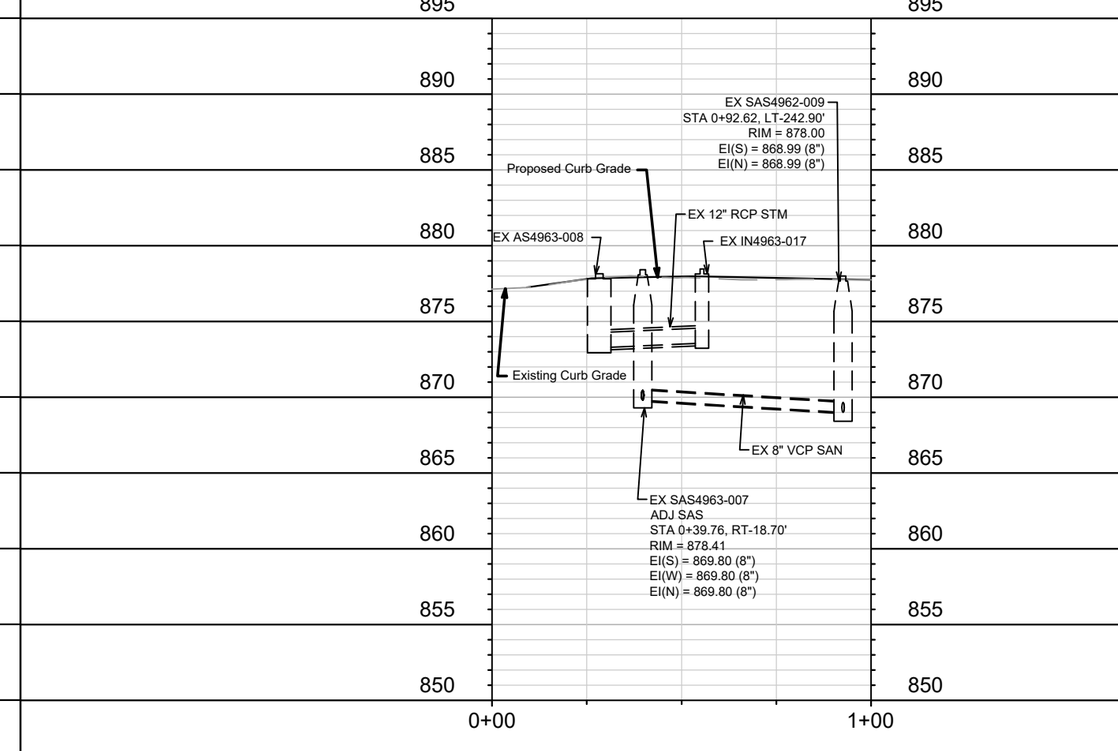
FS-2

FS-2









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FS-3

15200

MADISON, WI

8800

CONTRACT NO:

FISHER ST - UTILITY PLAN & PROFILE

SAFE STREETS 2025

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CITY OF MADISON WISCONSIN

15200

FS-3

SANITARY SEWER SCHEDULE

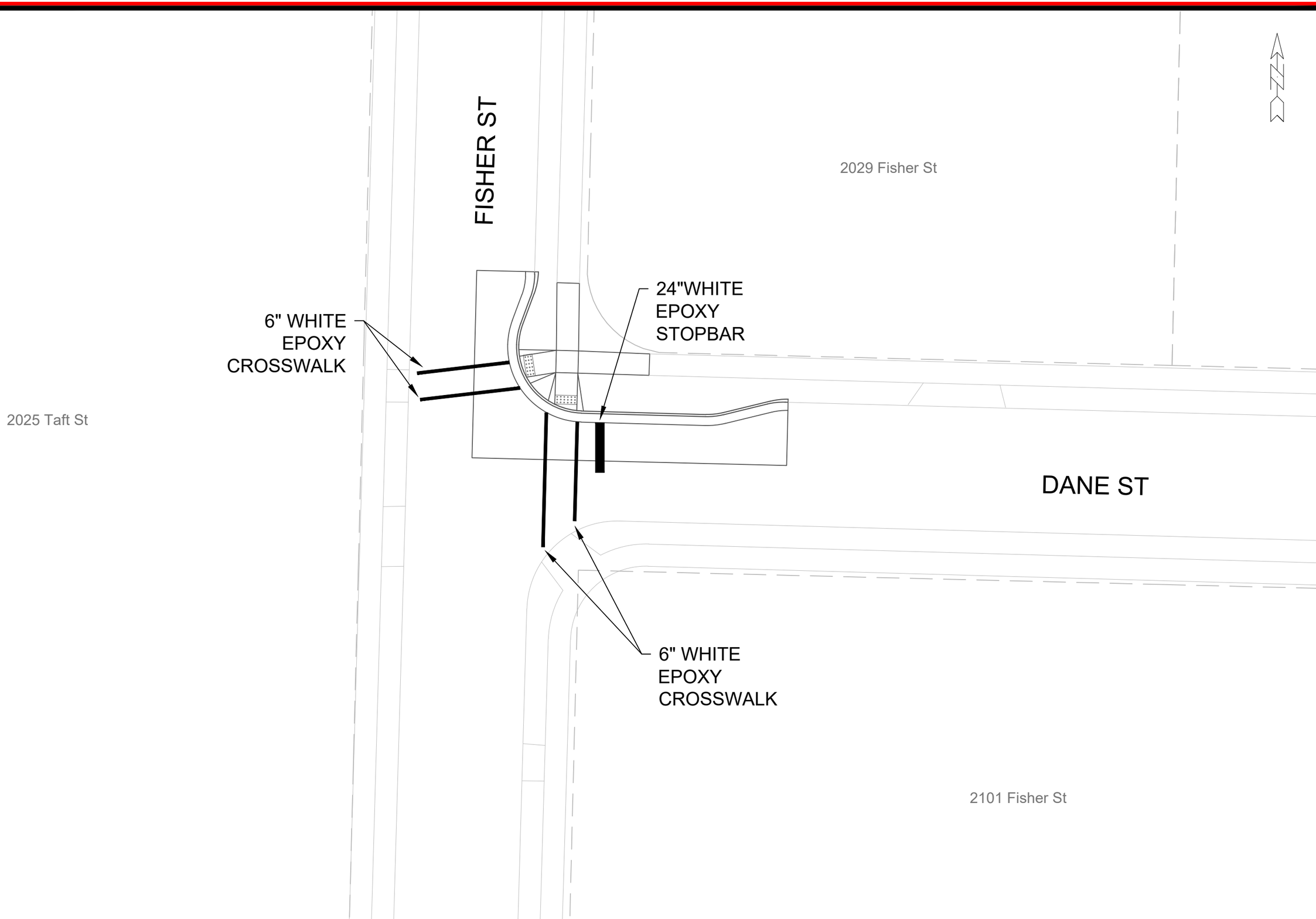
FISHER DANE CENTER PROJECT NO. 15200	SHEET NO. FS-4
SANITARY SEWER SCHEDULE CITY OF MADISON	

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



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FS-5

15200

MADISON, WI

8800

CONTRACT NO:

PAVEMENT MARKING PLAN - FISHER AND DANE

SAFE STREETS 2025

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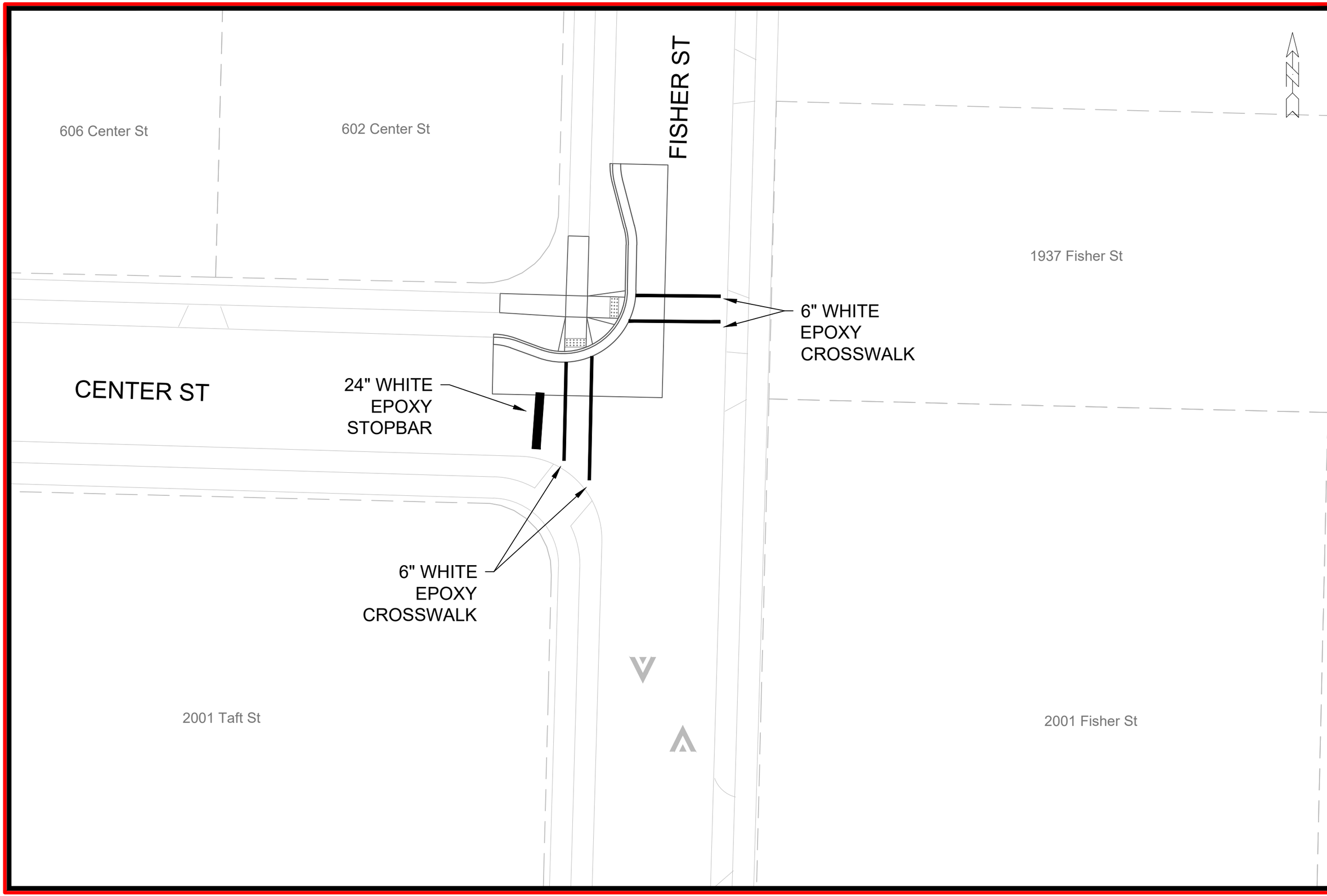
15200

FS-5



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PAVEMENT MARKING PLAN - FISHER AND CENTER

SAFE STREETS 2025

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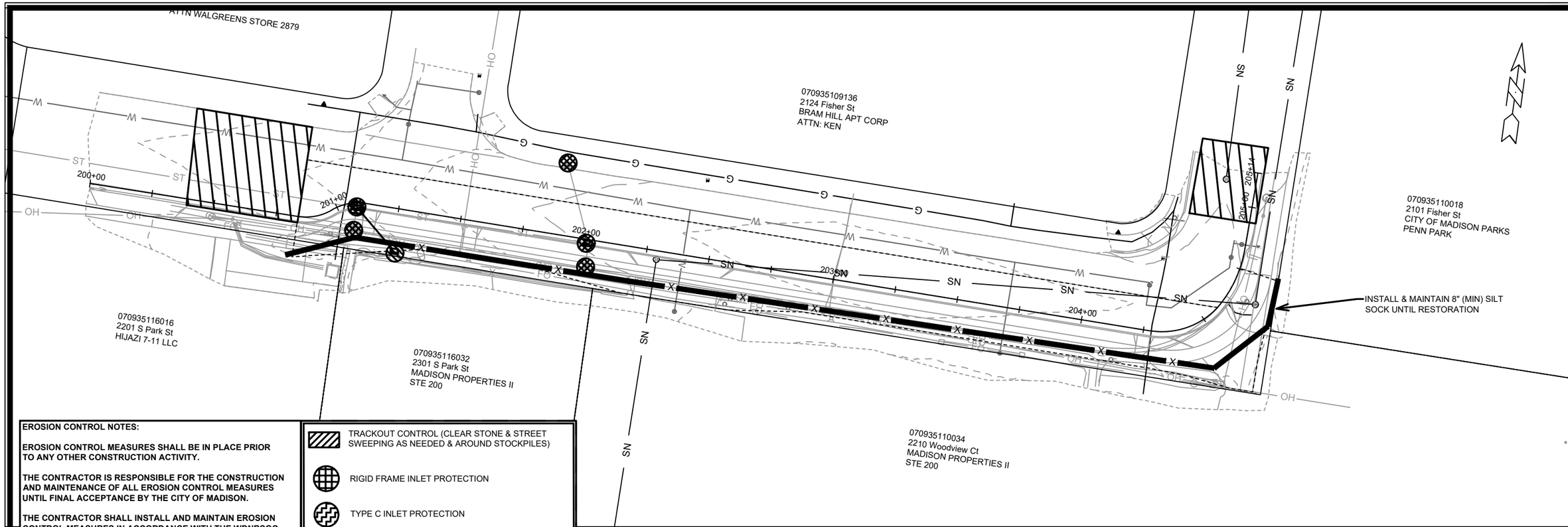
MADISON, WI

CONTRACT NO: 8800

15200

FS-6



EROSION CONTROL NOTES:

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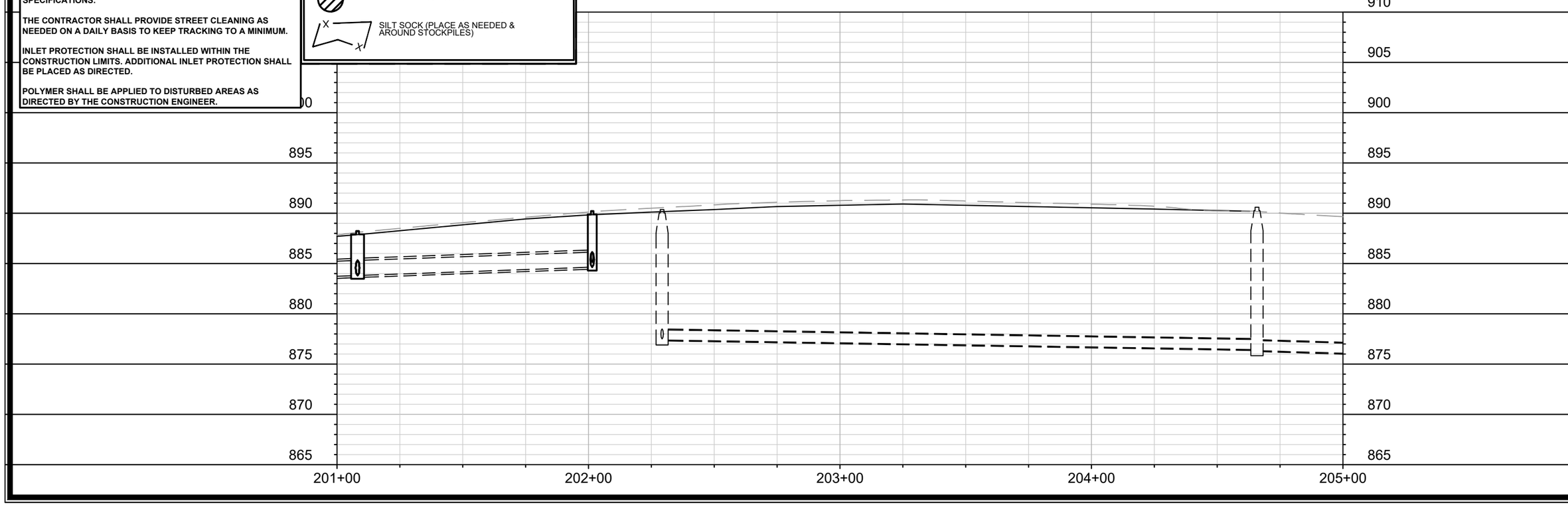
POLYMER SHALL BE APPLIED TO DISTURBED AREAS AS DIRECTED BY THE CONSTRUCTION ENGINEER.

- 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)



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MADISON, WI

8800

CONTRACT NO:

EROSION CONTROL PLAN - BUICK ST

SAFE STREETS 2025

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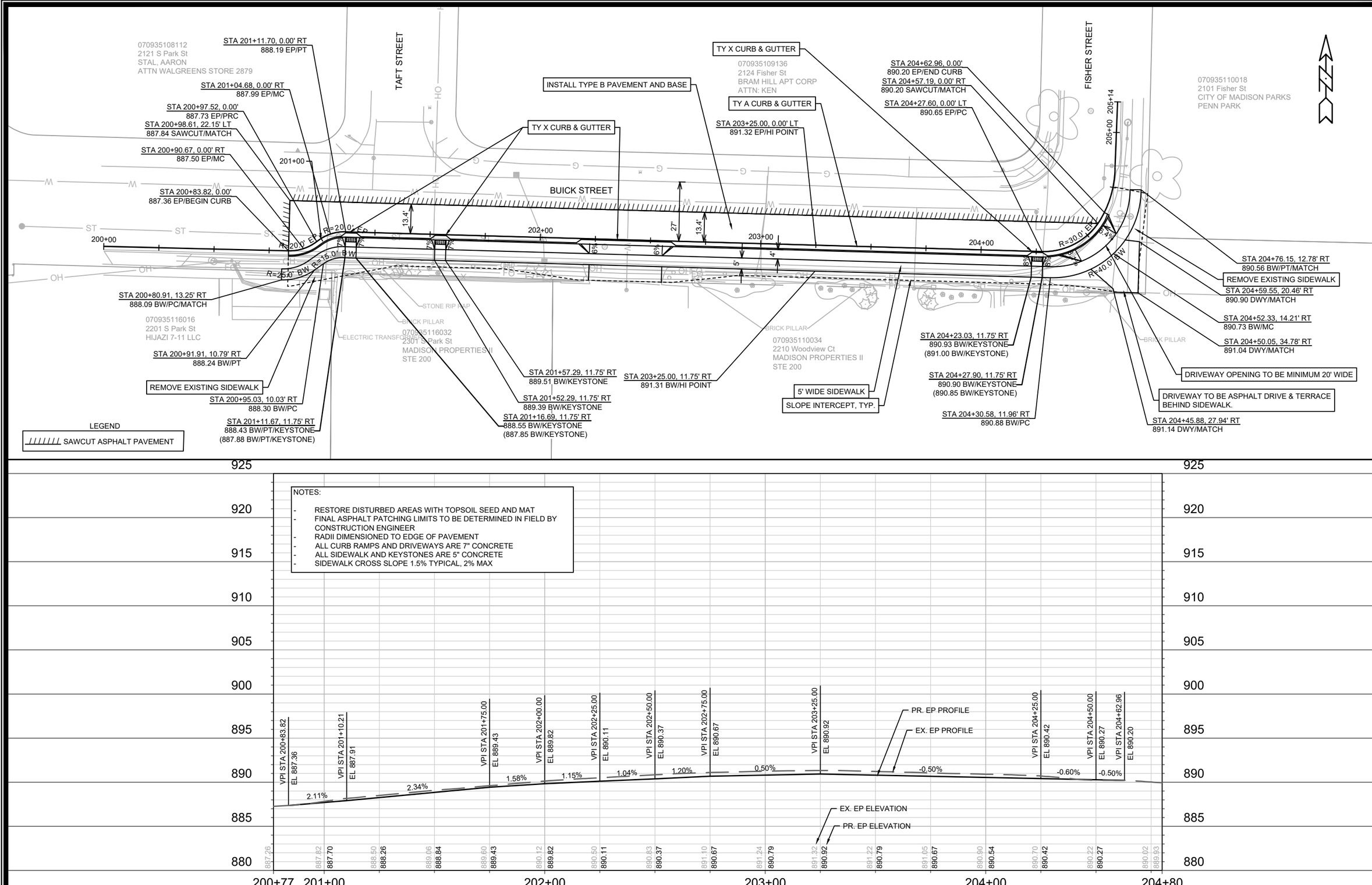
CITY OF MADISON WISCONSIN

15200

BC-1



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MADISON, WI

8800

CONTRACT NO:

BUICK STREET PLAN & PROFILE

SAFE STREETS 2025

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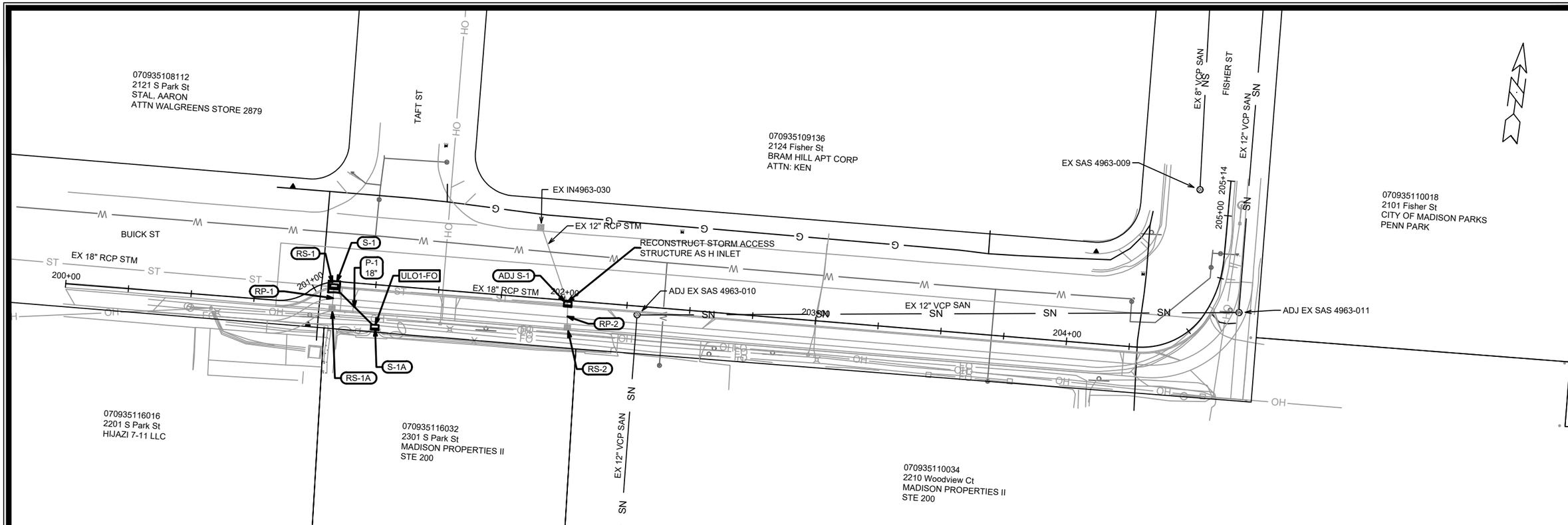
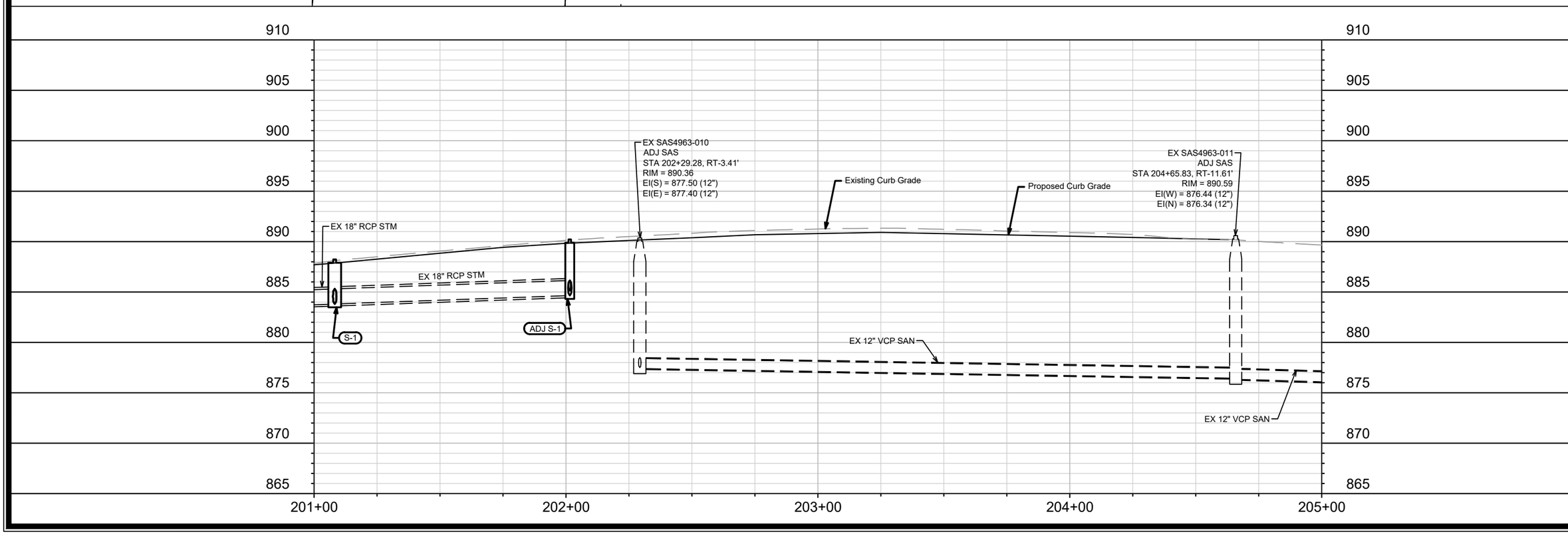
15200

BC-2

BC-2





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MADISON, WI

8800

CONTRACT NO:

BUICK ST - UTILITY PLAN & PROFILE

SAFE STREETS 2025

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15200

BC-3

BC-3

SANITARY SEWER SCHEDULE

BUICK ST	SHEET NO.
PROJECT NO. 15200	BC-4
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

STORM SEWER SCHEDULE

BUICK ST	SHEET NO.
PROJECT NO. 15200	BC-5
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

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
BUICK ST										
P-1	S-1	S-1A	883.81	883.92	23	20	0.56%	18"	TYPE II	

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
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	

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
BUICK ST									
RP-1	RS-1	RS-1A	9	Y	9	-	18"	RCP	
RP-2	ADJ S-1	RS-2	10	Y	10	-	18"	RCP	

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

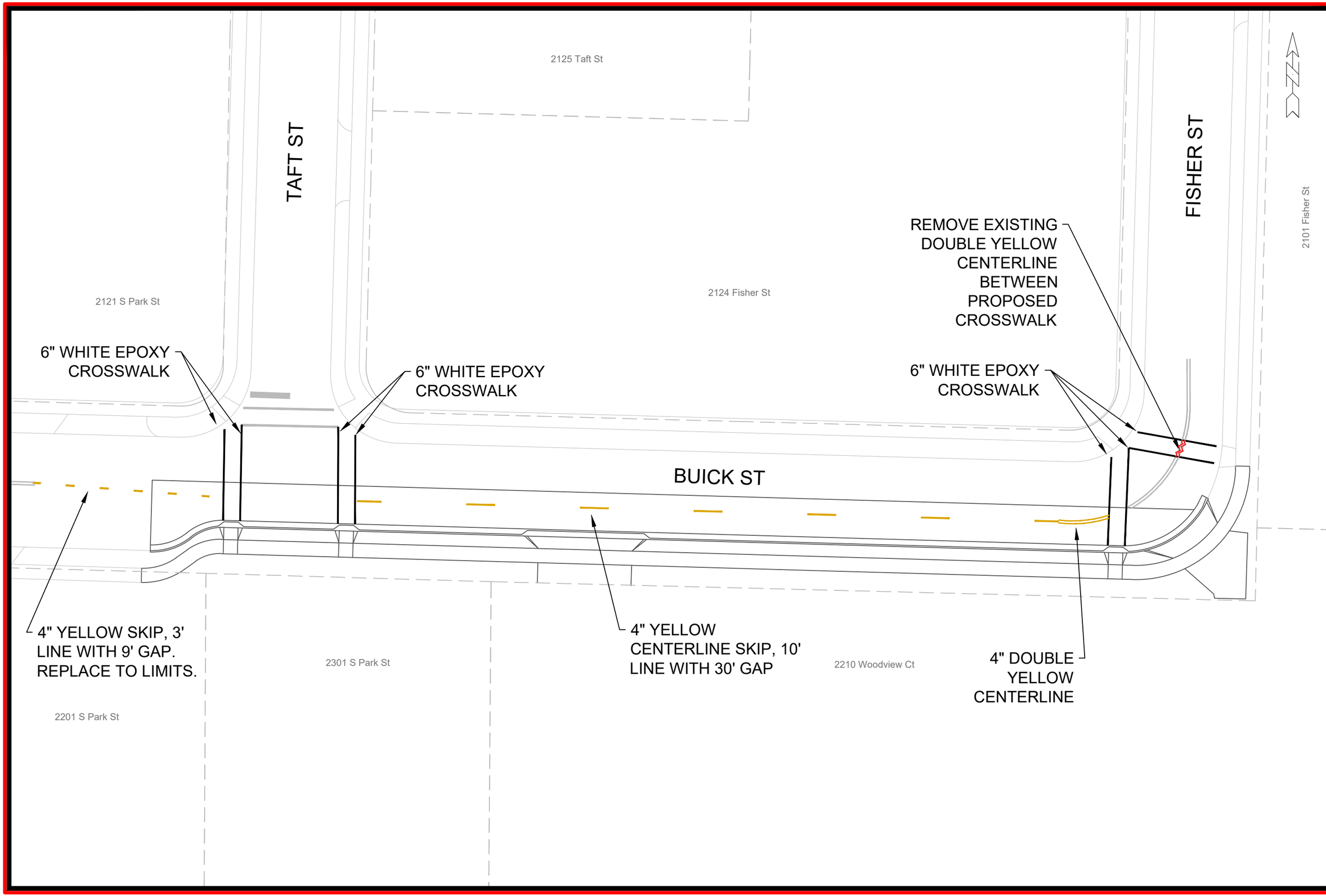
ULO NO.	STATION	LOCATION (OFFSET)	TYPE	NOTES
BUICK ST				
ULO1-FO	201+25.92	RT-16.11	BURIED FIBER OPTIC	

SPECIFIC NOTES

[1] CONNECT TO EXISTING 18" RCP
[2] RECONSTRUCT STORM ACCESS STRUCTURE AS H INLET W/R-3067-7004-V CASTING
[3] 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.



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15200

MADISON, WI

CONTRACT NO: 8800

PAVEMENT MARKING PLAN - BUICK ST

SAFE STREETS 2025

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15200

BC-6

201+12.50

201+50.00

201+75.00

201+00.00

201+37.50

201+62.50

200+87.50

201+25.00

201+55.00

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15200

BUICK STREET SIDEWALK CROSS SECTIONS

SAFE STREETS 2025

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MADISON, WI

CONTRACT NO: 8800

15200

BC-7

202+12.50

202+50.00

202+87.50

202+00.00

202+37.50

202+75.00

201+87.50

202+25.00

202+62.50

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15200

BC-8

15200

MADISON, WI

CONTRACT NO: 8800

BUICK STREET SIDEWALK CROSS SECTIONS

SAFE STREETS 2025

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CITY OF MADISON WISCONSIN

15200

BC-8

203+25.00

203+62.50

204+00.00

203+12.50

203+50.00

203+87.50

203+00.00

203+37.50

203+75.00

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MADISON, WI

CONTRACT NO: 8800

BUICK STREET SIDEWALK CROSS SECTIONS

SAFE STREETS 2025

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15200

BC-9

204+37.50

204+75.00

204+25.00

204+62.50

204+12.50

204+50.00

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15200

BC-10

15200

MADISON, WI

CONTRACT NO: 8800

BUICK STREET SIDEWALK CROSS SECTIONS

SAFE STREETS 2025

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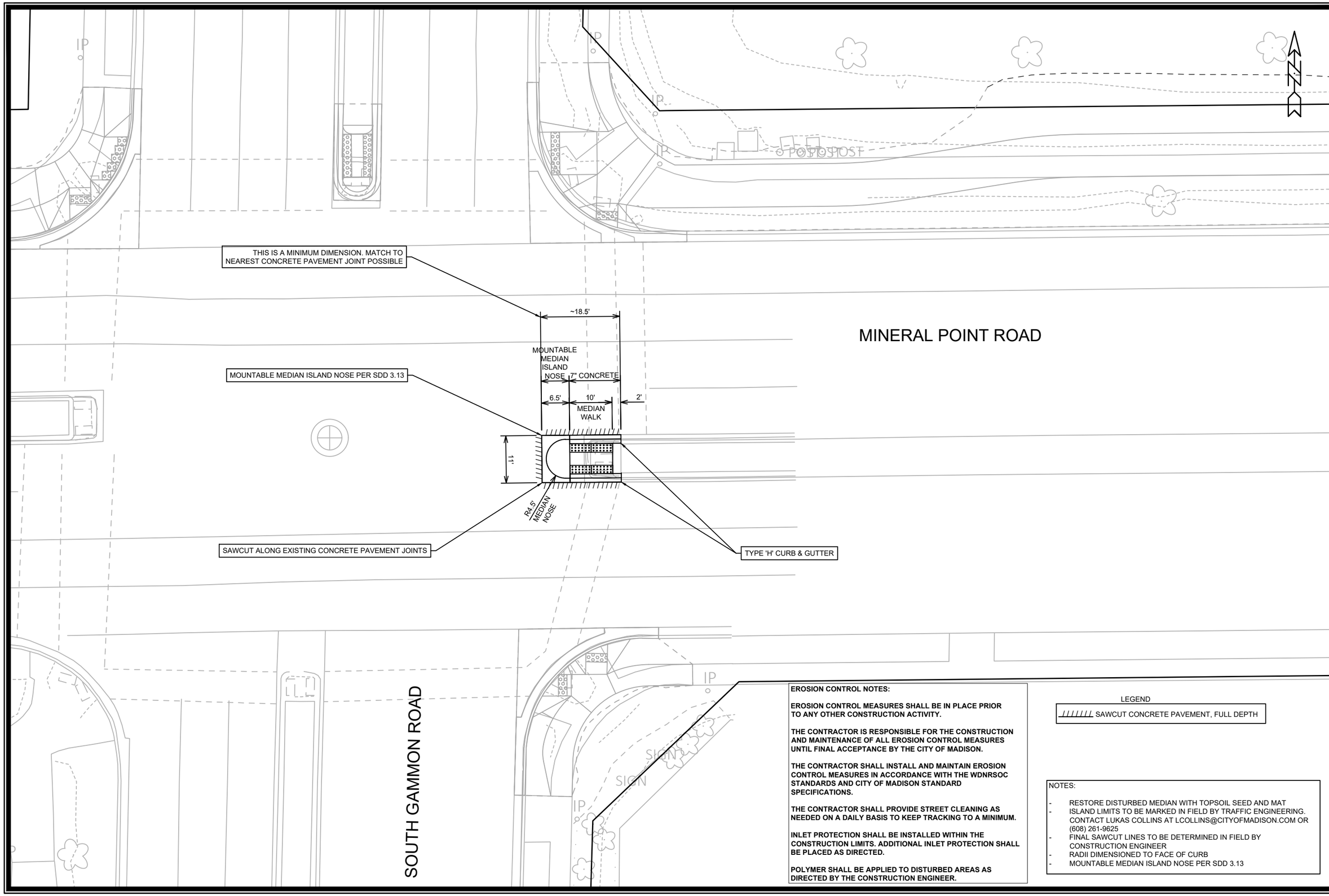
CITY OF MADISON WISCONSIN

15200

BC-10



EROSION CONTROL NOTES:

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LEGEND

/////// SAWCUT CONCRETE PAVEMENT, FULL DEPTH

NOTES:

- RESTORE DISTURBED MEDIAN WITH TOPSOIL SEED AND MAT
- ISLAND LIMITS TO BE MARKED IN FIELD BY TRAFFIC ENGINEERING. CONTACT LUKAS COLLINS AT LCOLLINS@CITYOFMADISON.COM OR (608) 261-9625
- FINAL SAWCUT LINES TO BE DETERMINED IN FIELD BY CONSTRUCTION ENGINEER
- RADII DIMENSIONED TO FACE OF CURB
- MOUNTABLE MEDIAN ISLAND NOSE PER SDD 3.13

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15200

MADISON, WI

CONTRACT NO: 8800

GAMMON MINERAL POINT PLAN

SAFE STREETS 2025

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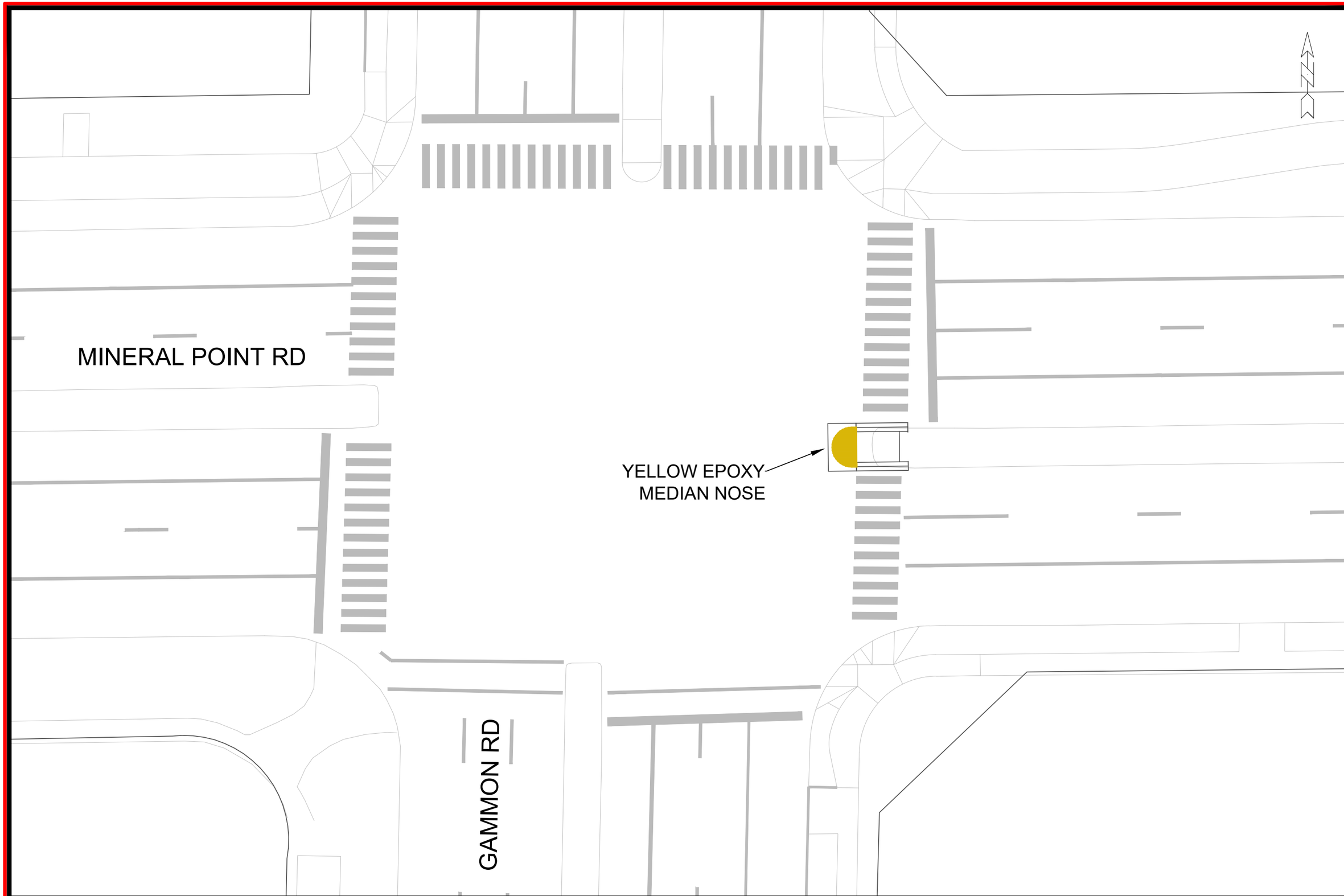
15200

GA-1



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15200 | GA-2

PAVEMENT MARKING PLAN - MINERAL POINT RD AND GAMMON

SAFE STREETS 2025

15200

MADISON, WI

CONTRACT NO: 8800

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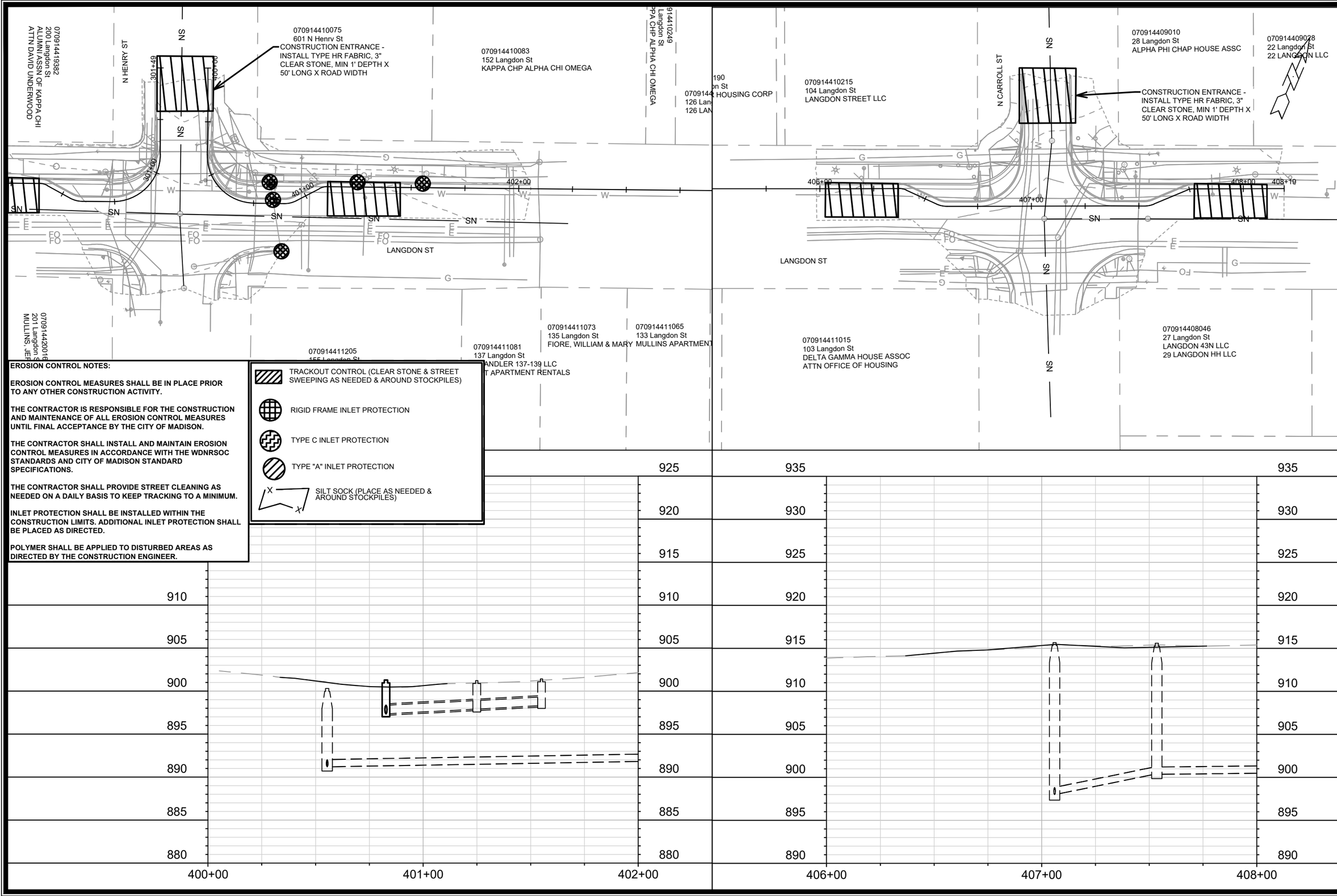
CITY OF MADISON WISCONSIN

15200

GA-2



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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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15200

MADISON, WI

8800

CONTRACT NO:

EROSION CONTROL PLAN - LANGDON ST

SAFE STREETS 2025

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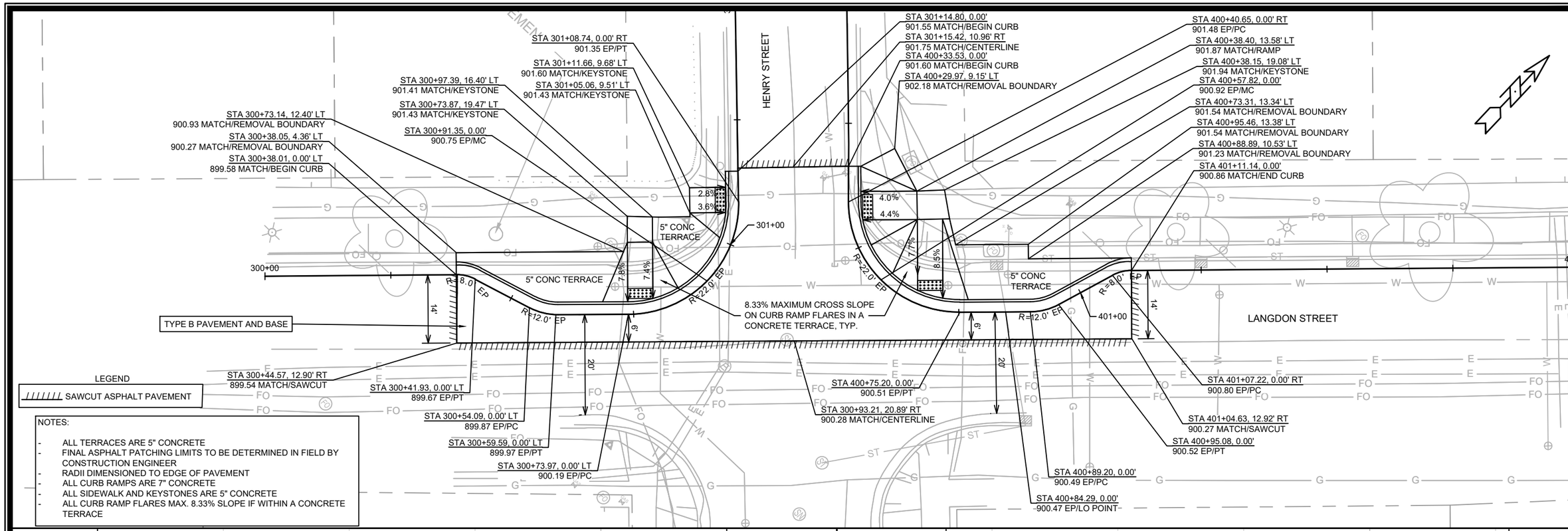
15200

LA-1

LA-1

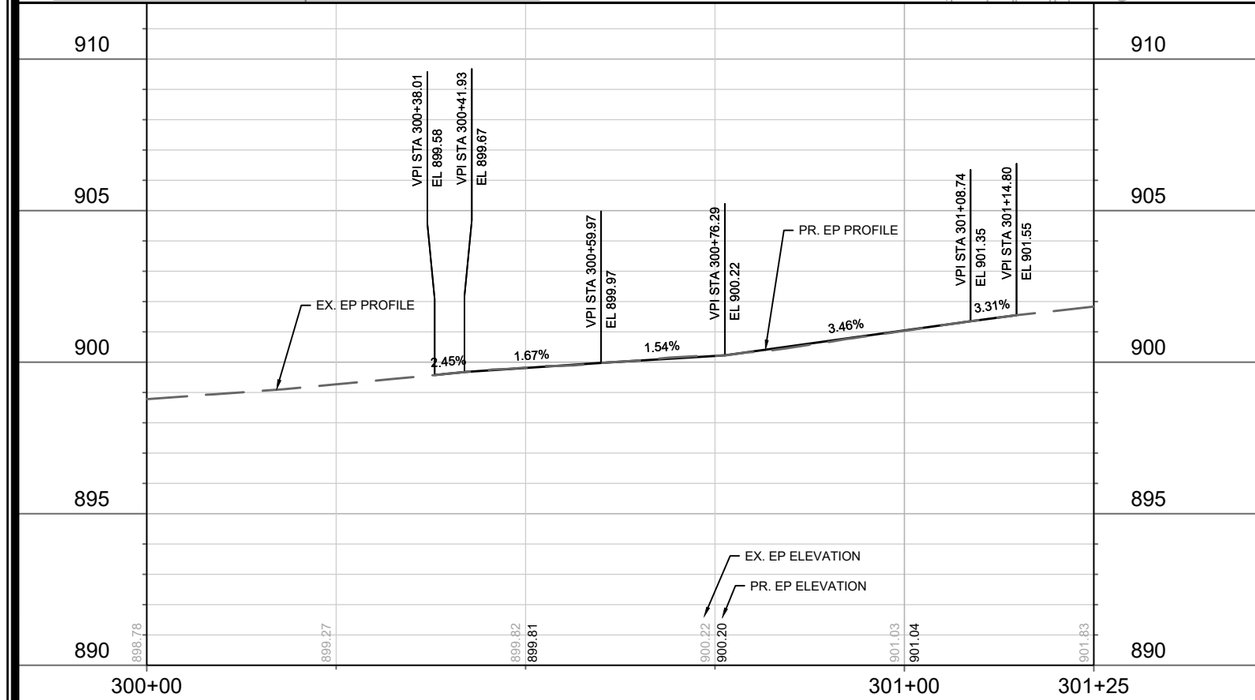


LEGEND

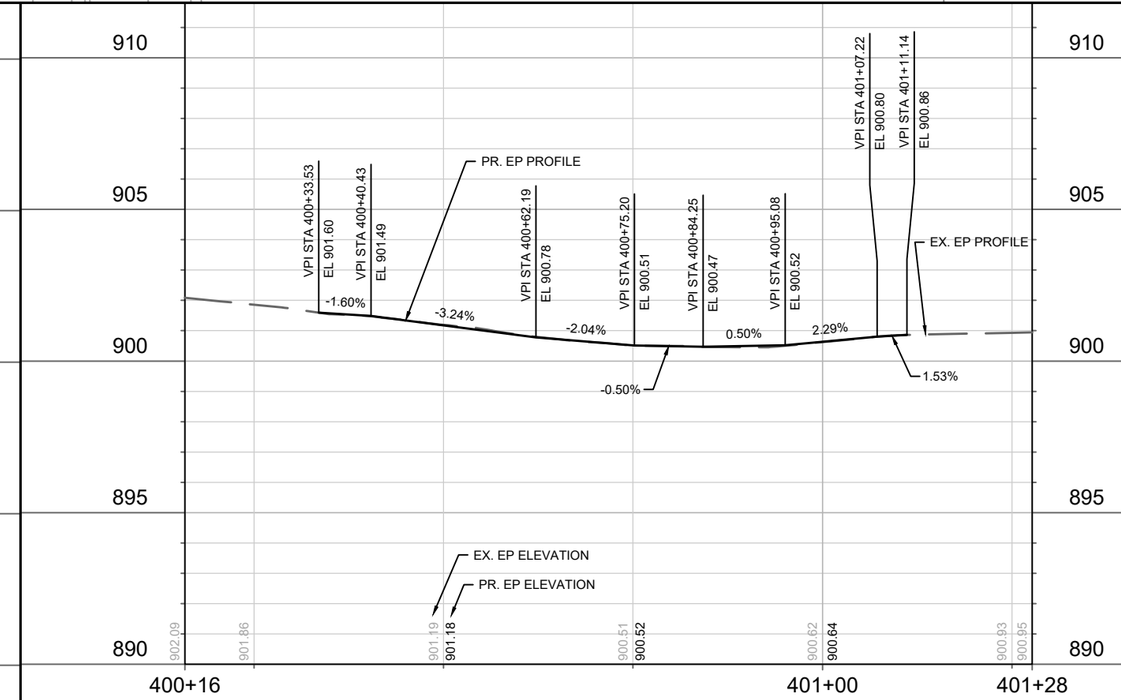
SAWCUT ASPHALT PAVEMENT

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

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15200

MADISON, WI

8800

CONTRACT NO:

LANGDON HENRY PLAN & PROFILE

SAFE STREETS 2025

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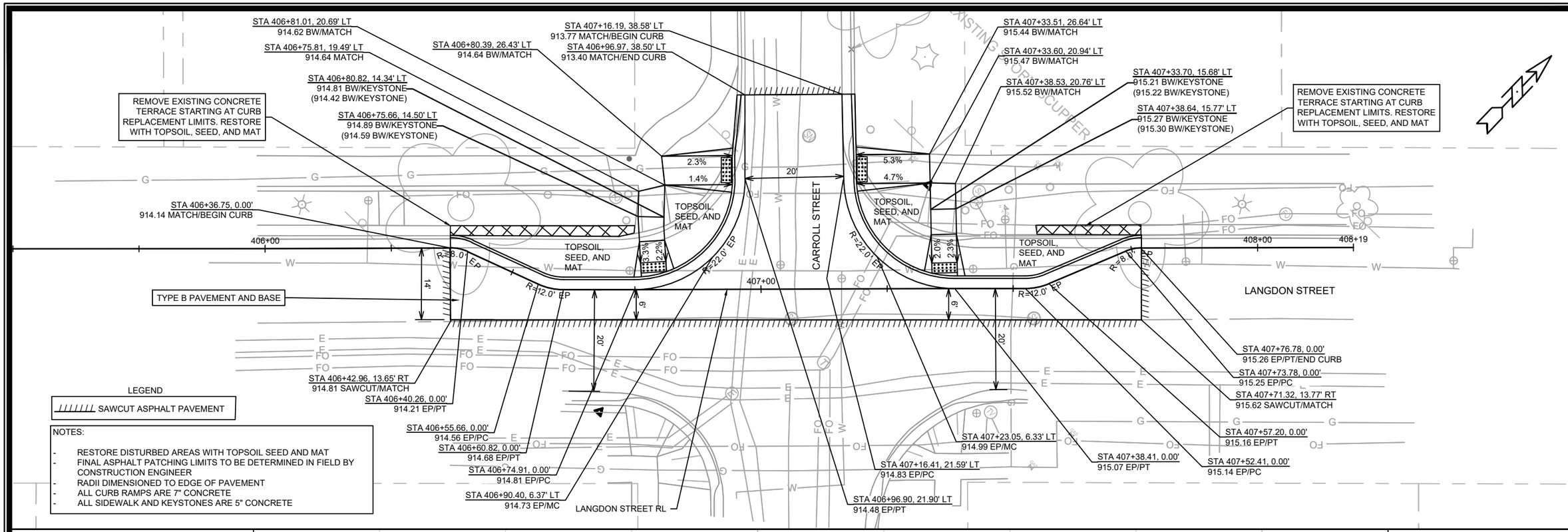
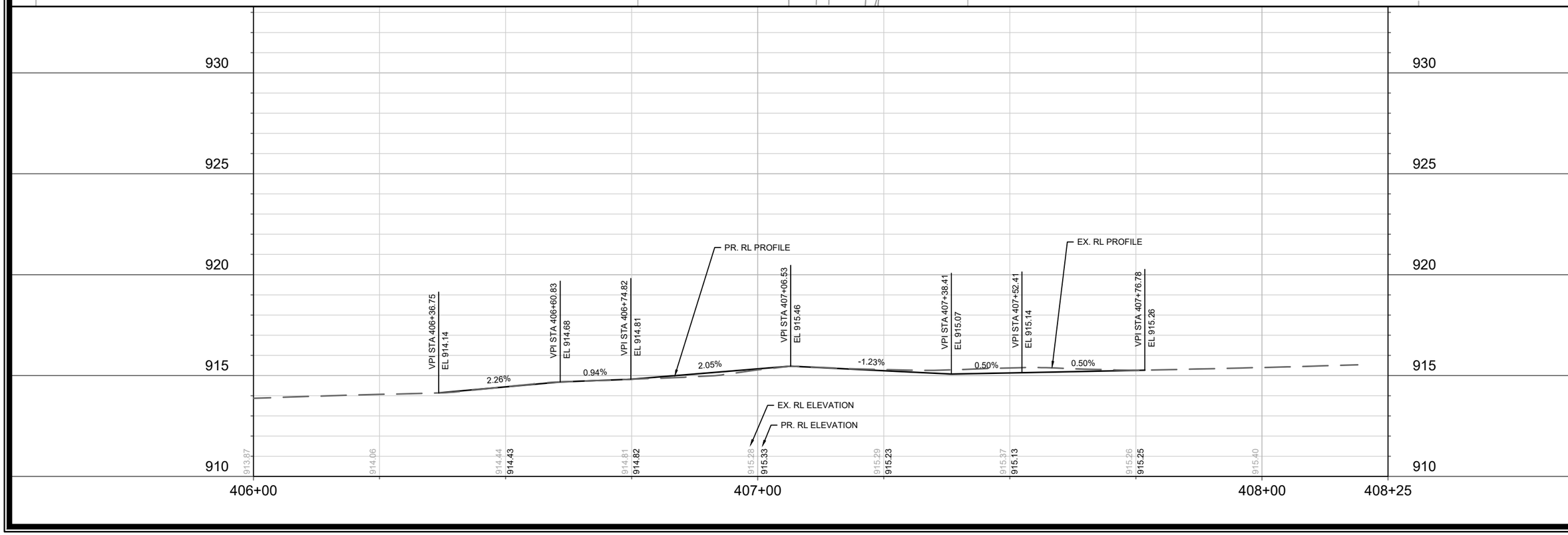
15200

LA-2





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LA-3

15200

MADISON, WI

8800

CONTRACT NO:

LANGDON CARROLL PLAN & PROFILE

SAFE STREETS 2025

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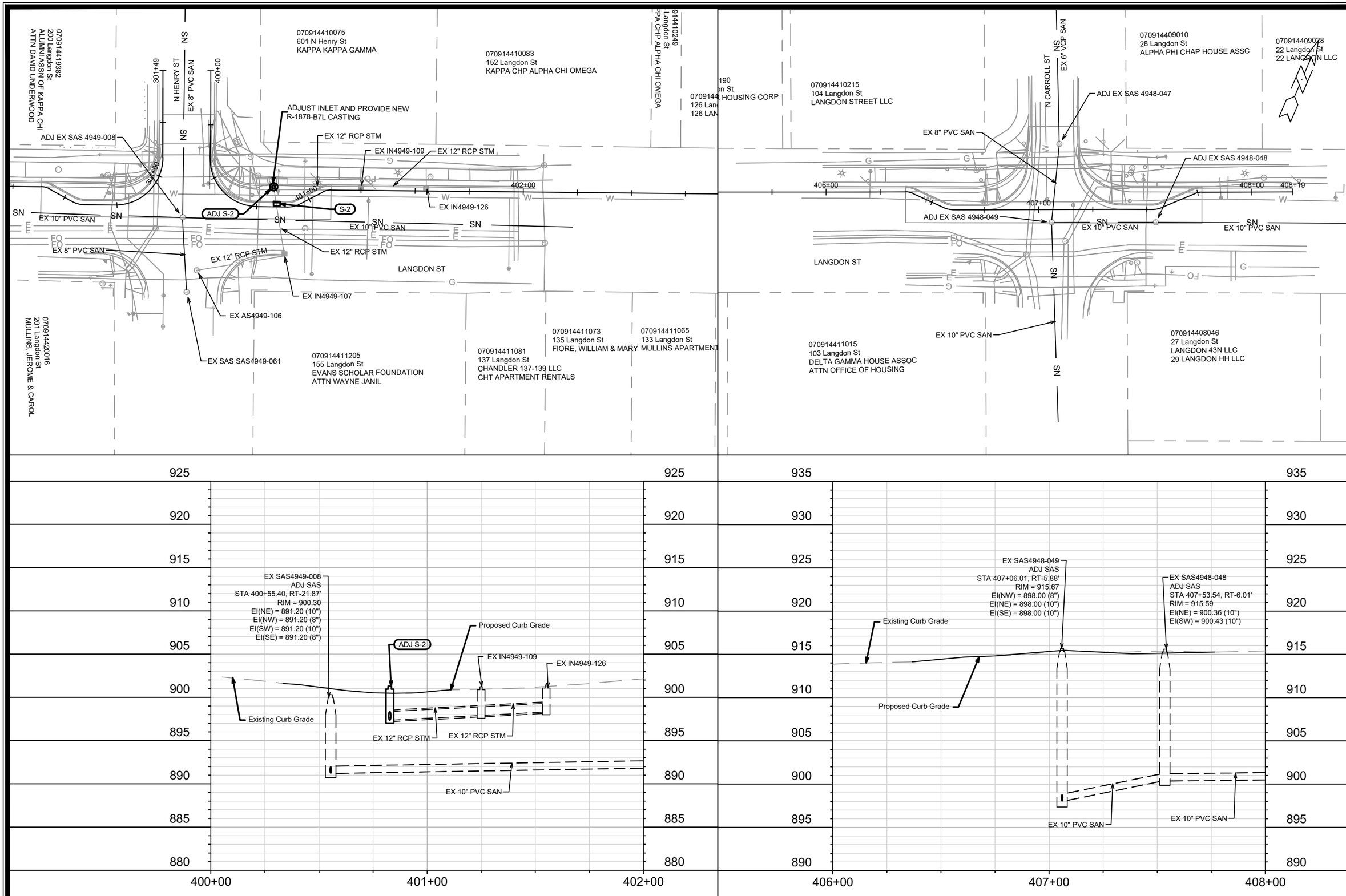
15200

LA-3



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LA-4

15200

MADISON, WI

8800

CONTRACT NO:

LANGDON ST - UTILITY PLAN & PROFILE

SAFE STREETS 2025

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15200

LA-4

SANITARY SEWER SCHEDULE

LANGDON HENRY CARROLL	SHEET NO.
PROJECT NO. 15200	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.
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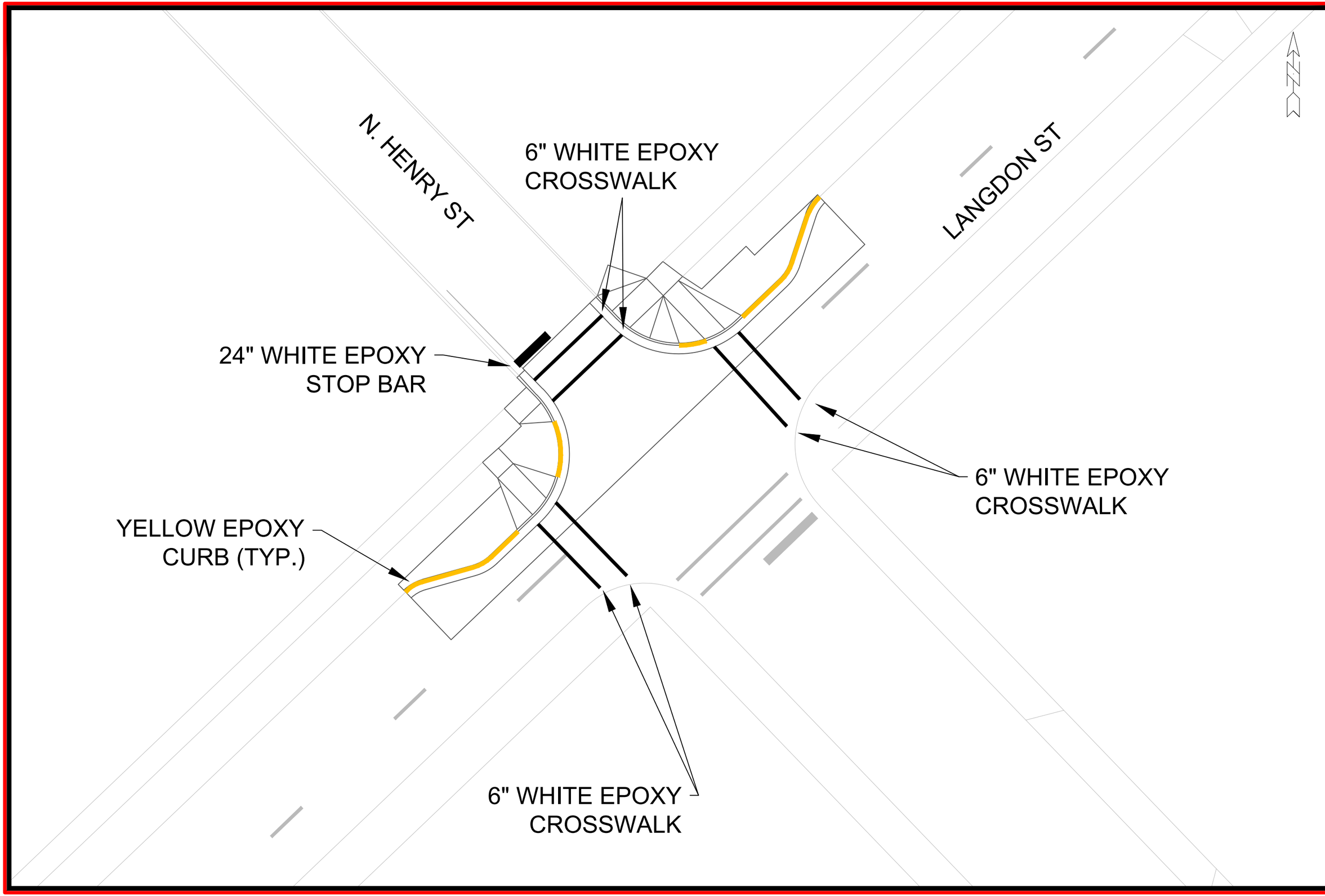

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15200

PAVEMENT MARKING PLAN - LANGDON AND HENRY

MADISON, WI

SAFE STREETS 2025

CONTRACT NO: 8800

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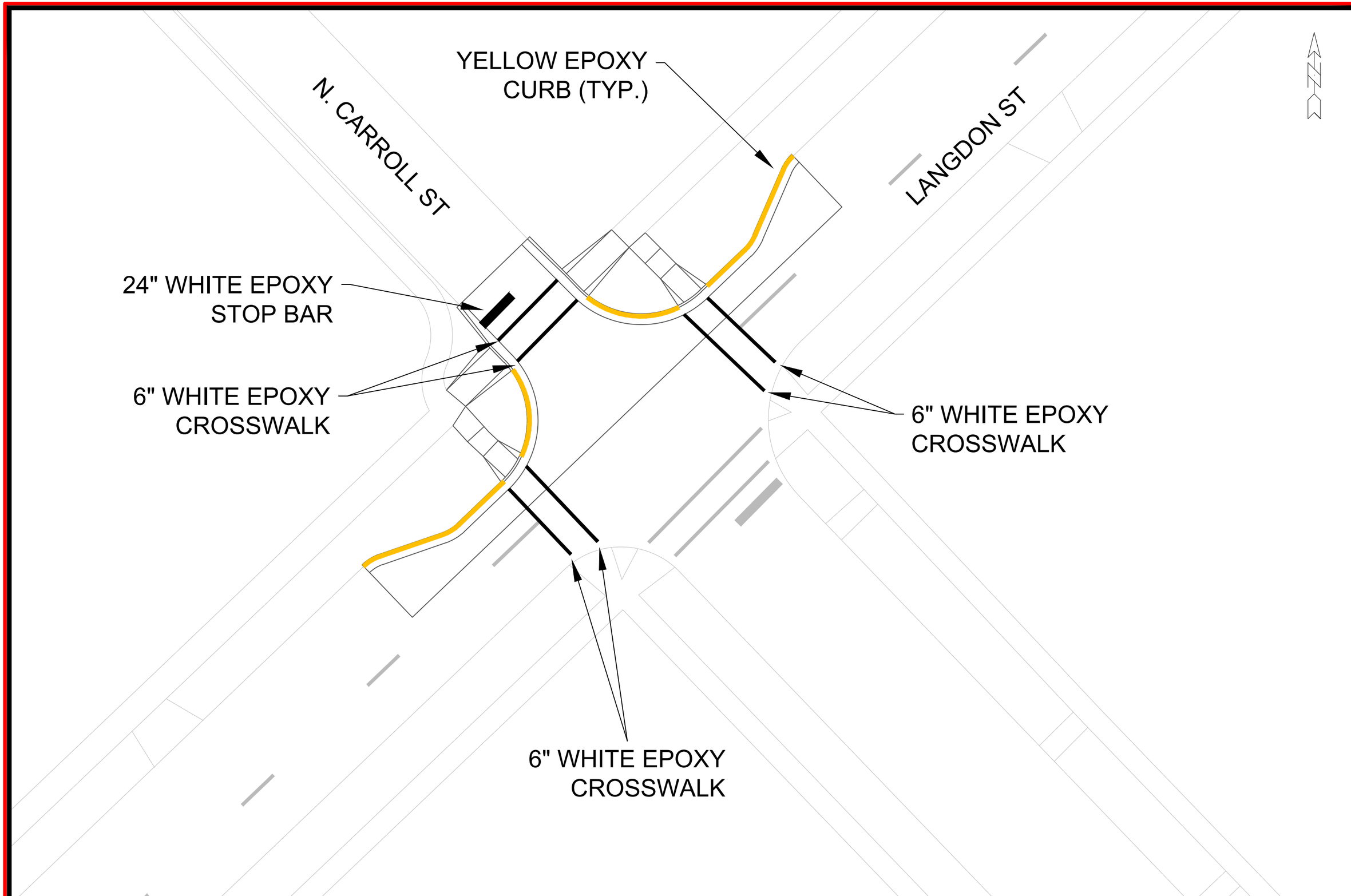
15200

LA-7



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15200 | LA-8

PAVEMENT MARKING PLAN - LANGDON AND CARROLL

SAFE STREETS 2025

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MADISON, WI

CONTRACT NO: 8800

15200

LA-8

EROSION CONTROL NOTES:

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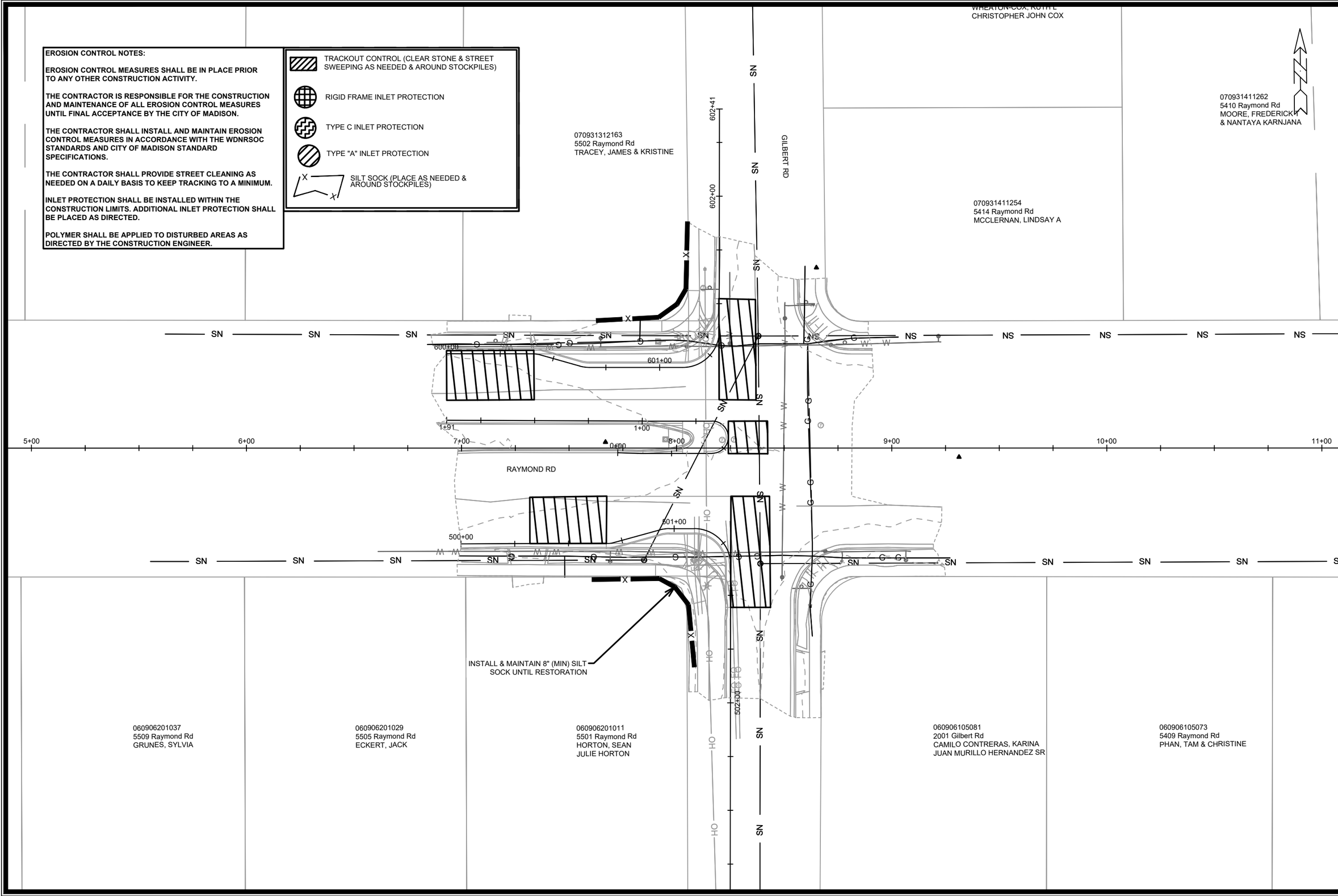

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15200

MADISON, WI

8800

CONTRACT NO:

EROSION CONTROL PLAN - RAYMOND RD

SAFE STREETS 2025

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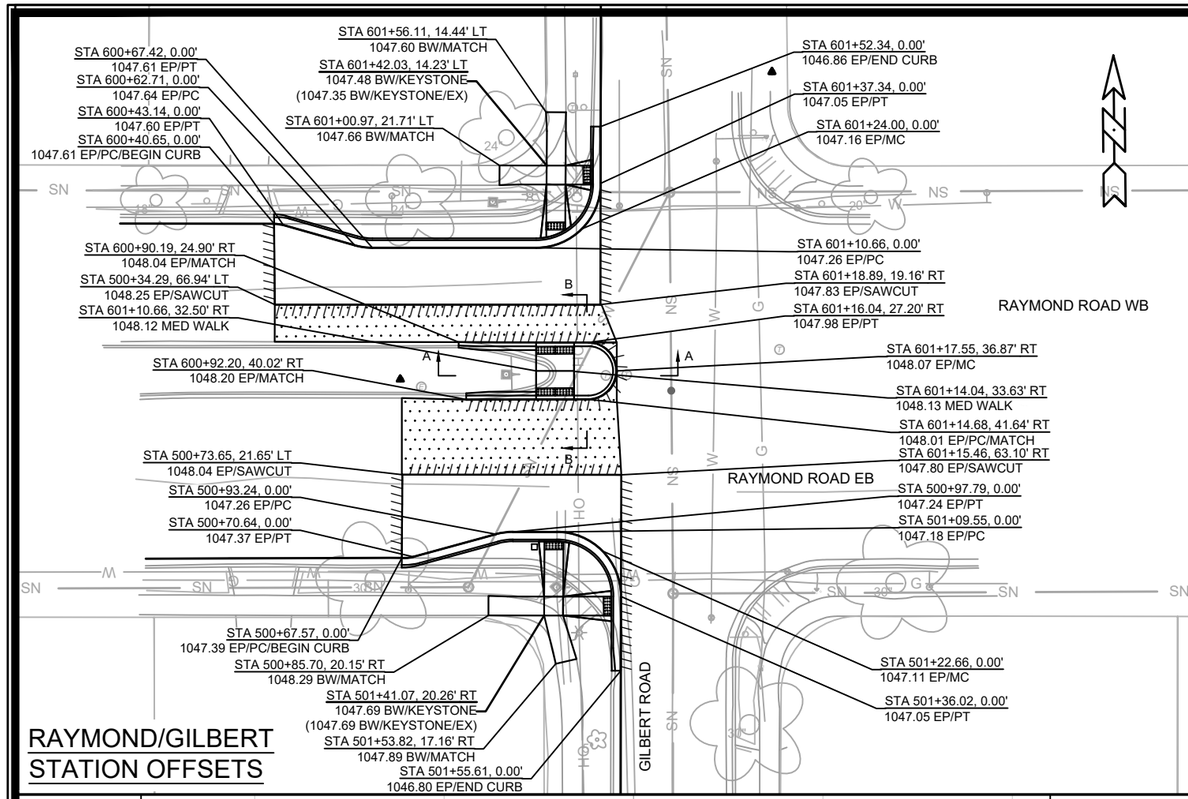
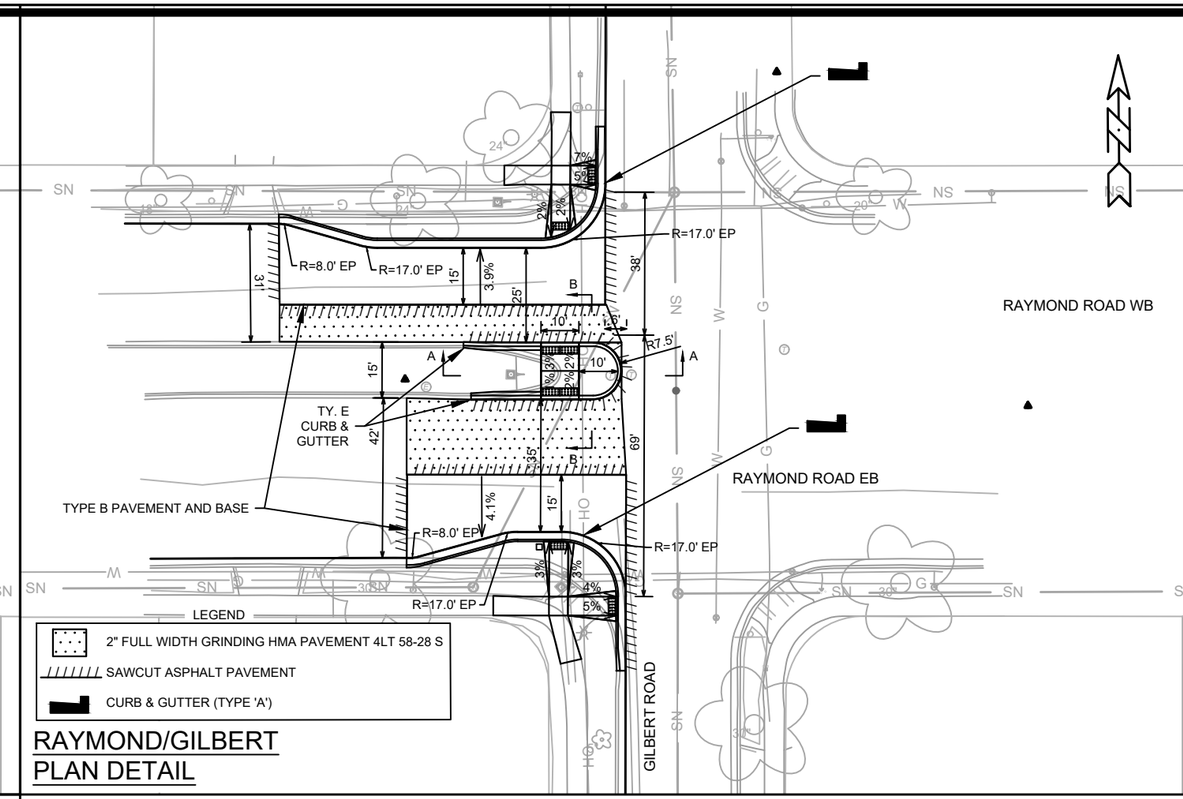
15200

RA-1

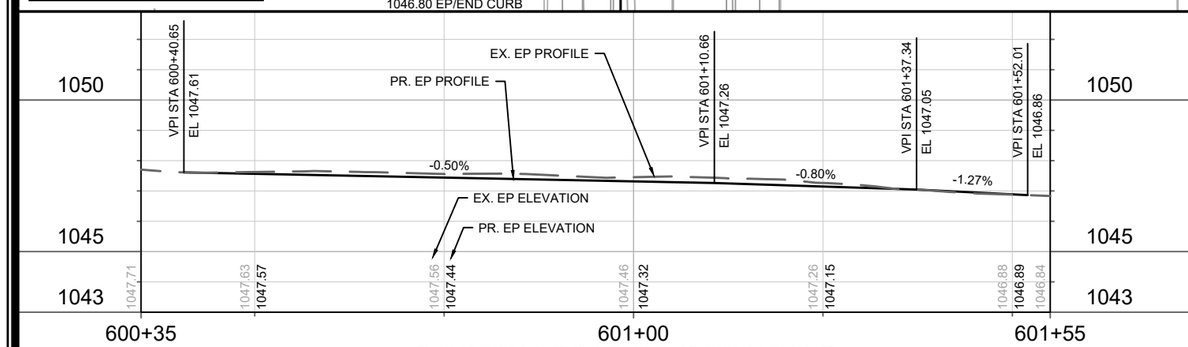
RA-1



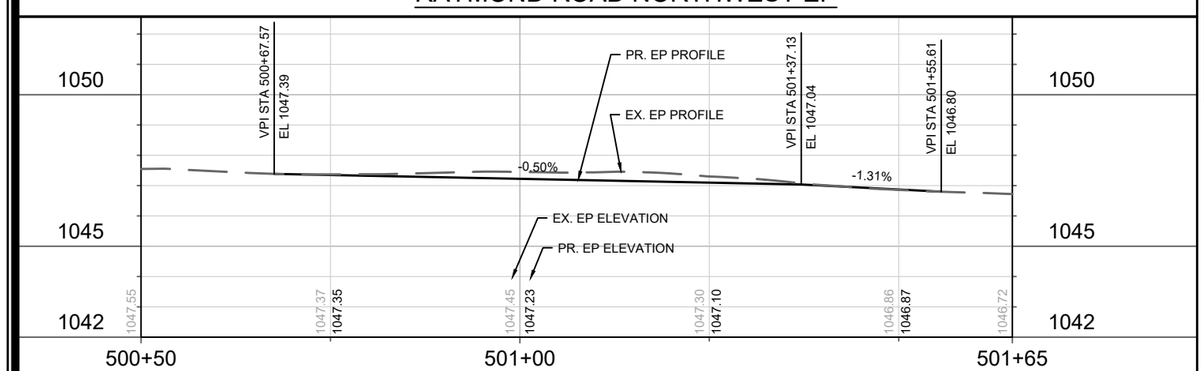
RAYMOND/GILBERT STATION OFFSETS



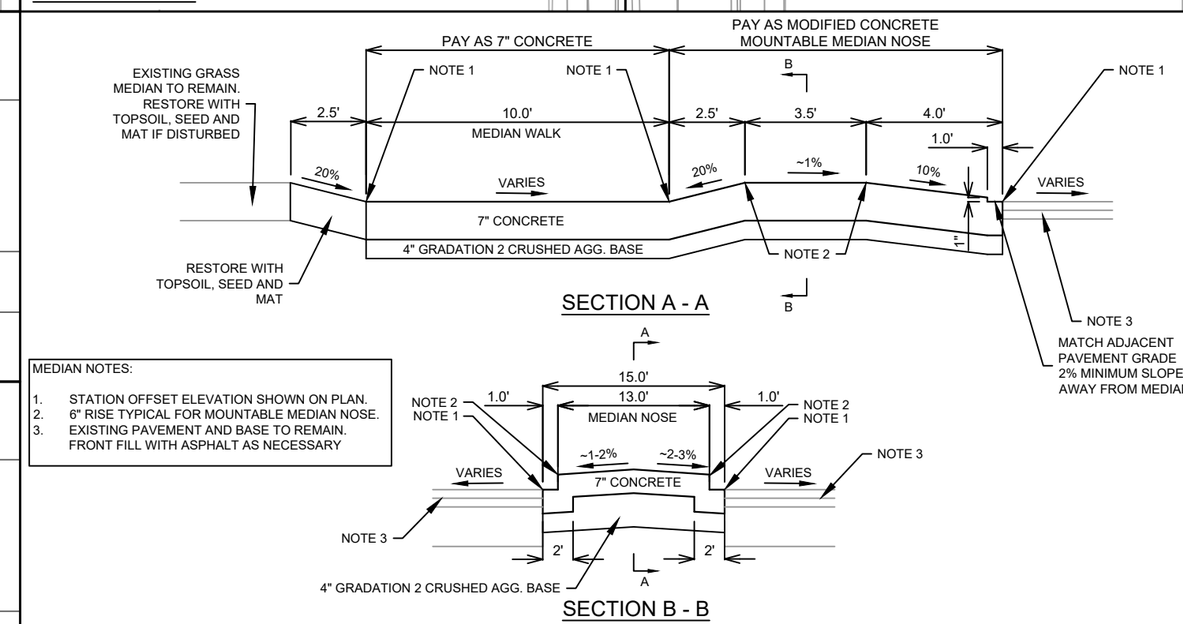
RAYMOND/GILBERT PLAN DETAIL



RAYMOND ROAD NORTHWEST EP



RAYMOND ROAD SOUTHWEST EP



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

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MADISON, WI

CONTRACT NO: 8800

RAYMOND GILBERT PLAN & PROFILE

SAFE STREETS 2025

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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.

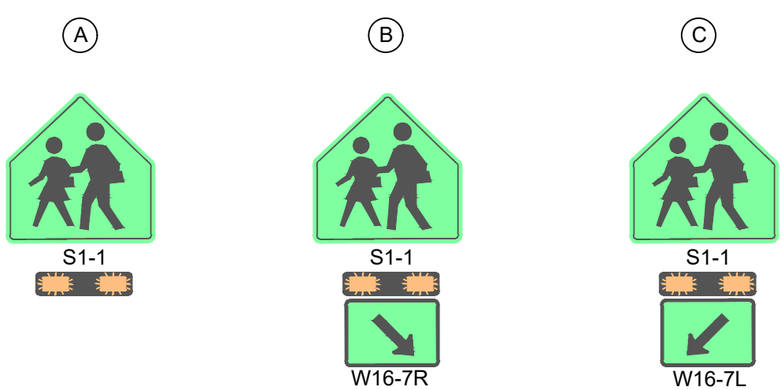
TS#3
1. INSTALL LB-8R BASE, 20' 7GA POLE, 20FT TROMBONE ARM, AND APS PEDESTRIAN PUSH BUTTON, SINGLE ARROW.
2. INSTALL SIGNS AS SHOWN IN DETAIL.
3. INSTALL SOLAR PANEL AND DC CONVERTER ON POLE.

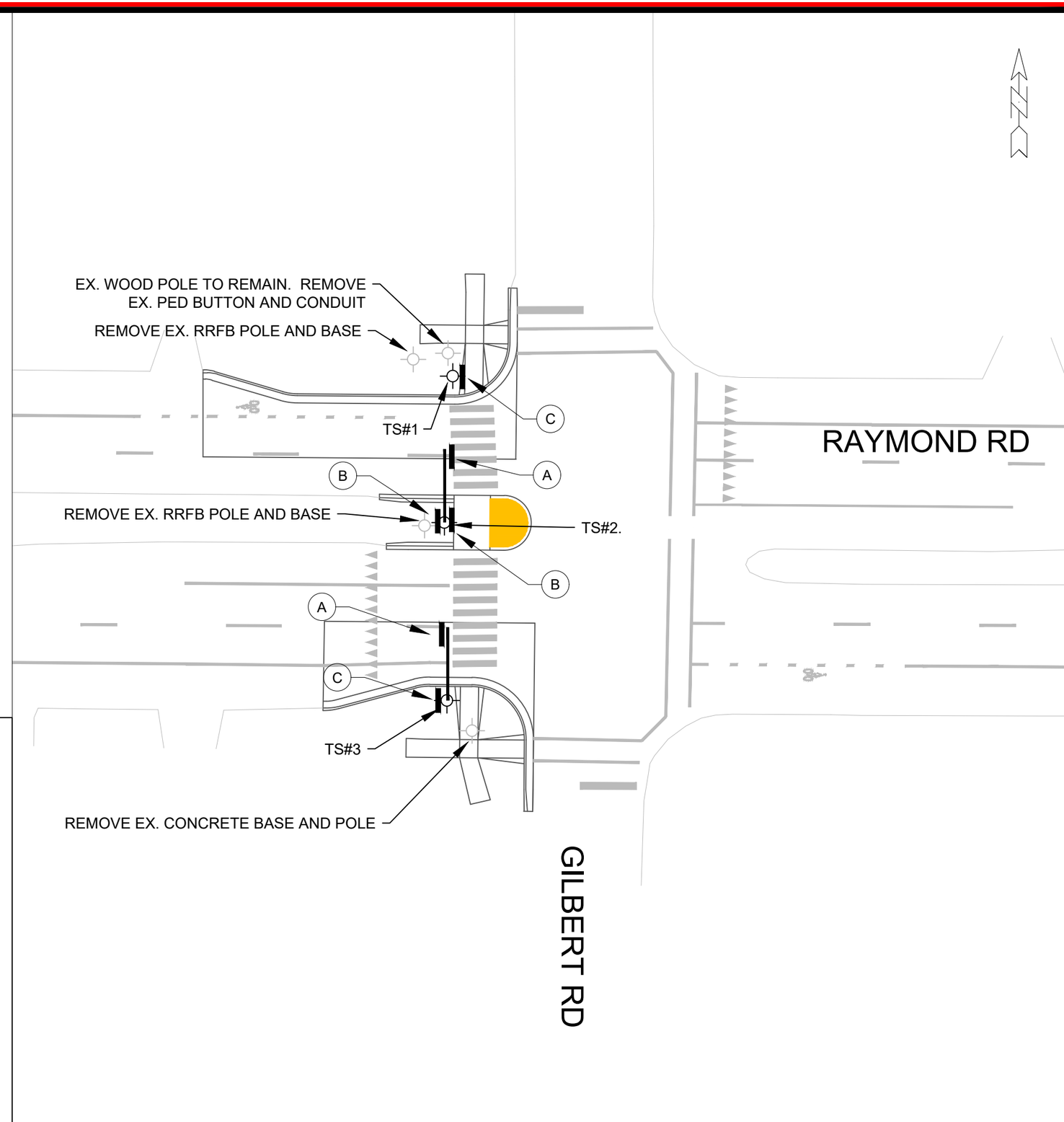
NOTES:
1. REUSE EXISTING SIGNS, POLES, AND TROMBONE ARMS IF POSSIBLE.
2. PAVEMENT MARKINGS BY OTHERS.
3. CONTRACTOR TO USE CARMANAH SYSTEM OR EQUIVALENT IF REPLACEMENT PARTS ARE NEEDED.
4. SALVAGE ALL RRFB EQUIPMENT AND RETURN TO SAYLE ST TE SHOP.
5. PROGRAM FLASH TIME TO 20 SECONDS

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





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Designed By: LMC Date: 2/26/2025 8:27 AM Scale: 1" = 30' RA-3

15200

CITY OF MADISON

CONTRACT NO: 8800

RRFB - RAYMOND AND GILBERT

SAFE STREETS 2025

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15200

RA-3

		60416	60417	60243	60424	90011	90013	90017	90038	90038	90040	90016	90020	
		FURNISH & INSTALL		REMOVE		FURNISH & INSTALL							FURNISH & INSTALL	
	STRUCTURE	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)	COMMENTS
RAYMOND AND GILBERT	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***	

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15200 | RA-4

15200

MADISON, WI

CONTRACT NO: 8800

RAYMOND AND GILBERT - MISC. QUANTITIES

SAFE STREETS 2025

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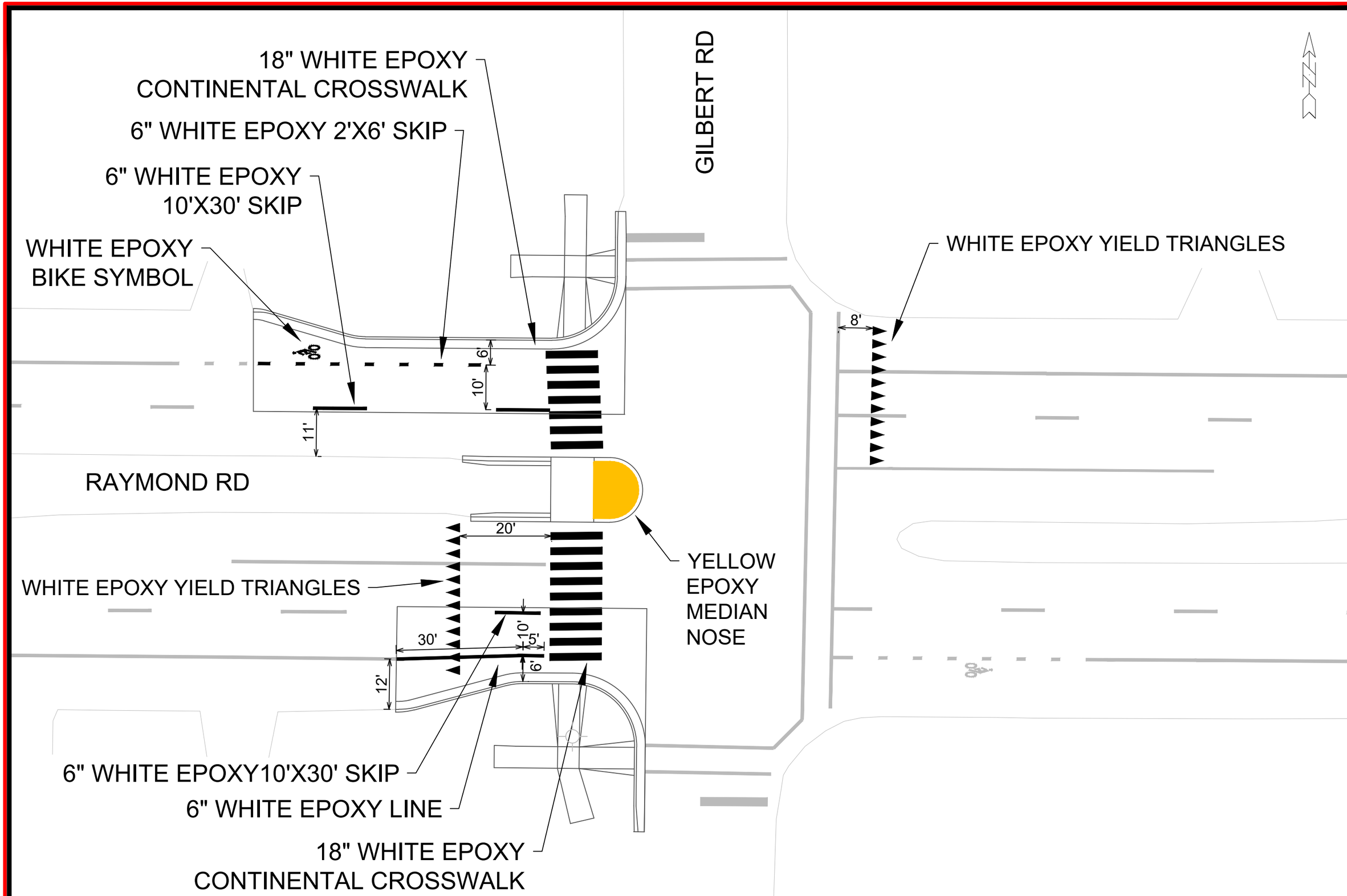
CITY OF MADISON WISCONSIN

15200

RA-4



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15200 | RA-5

15200

PAVEMENT MARKING PLAN - RAYMOND AND GILBERT

SAFE STREETS 2025

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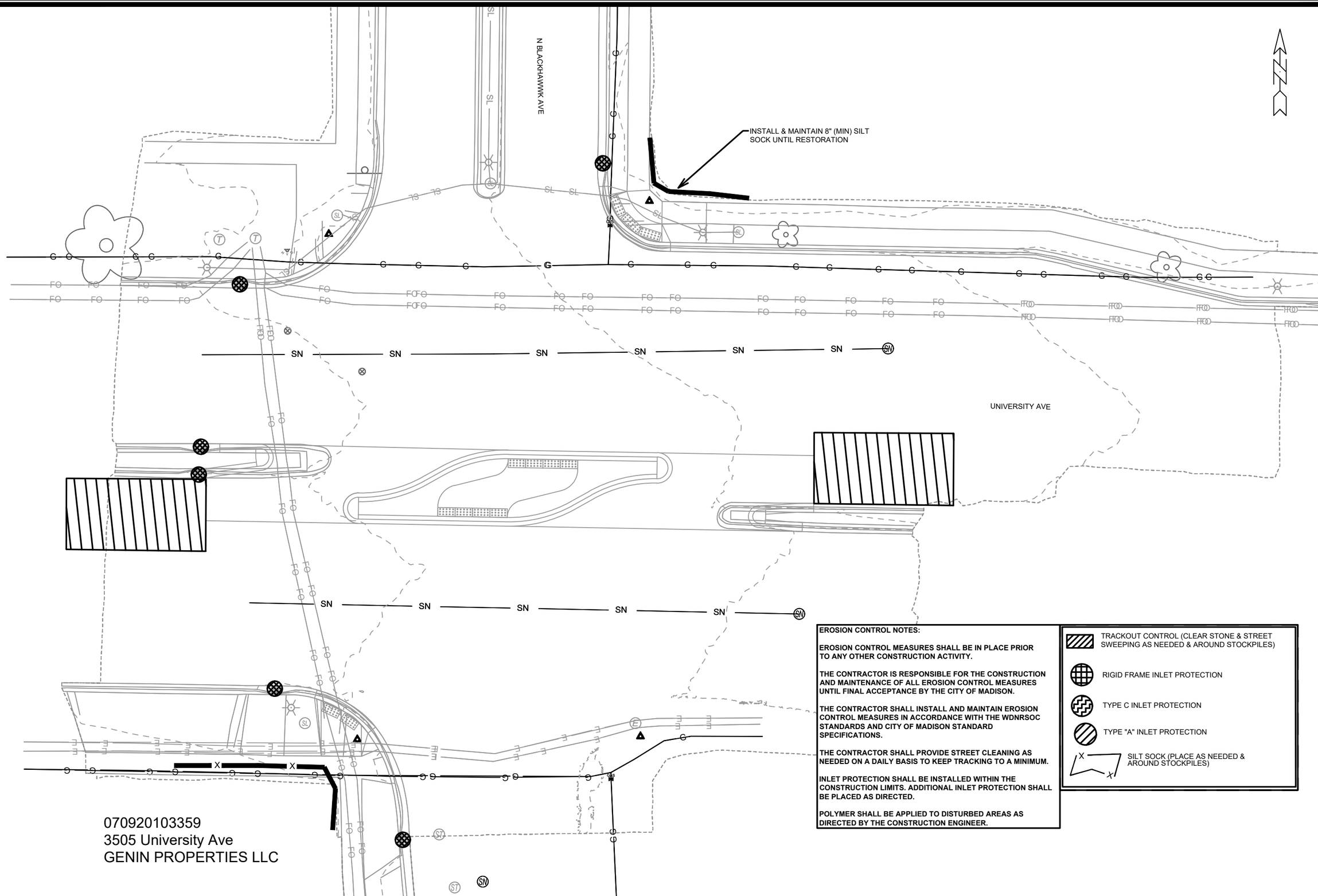
MADISON, WI

CONTRACT NO: 8800

15200

RA-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 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.

- 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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15200 | UB-1

15200

MADISON, WI

8800

CONTRACT NO:

EROSION CONTROL PLAN - UNIVERSITY AVE

SAFE STREETS 2025

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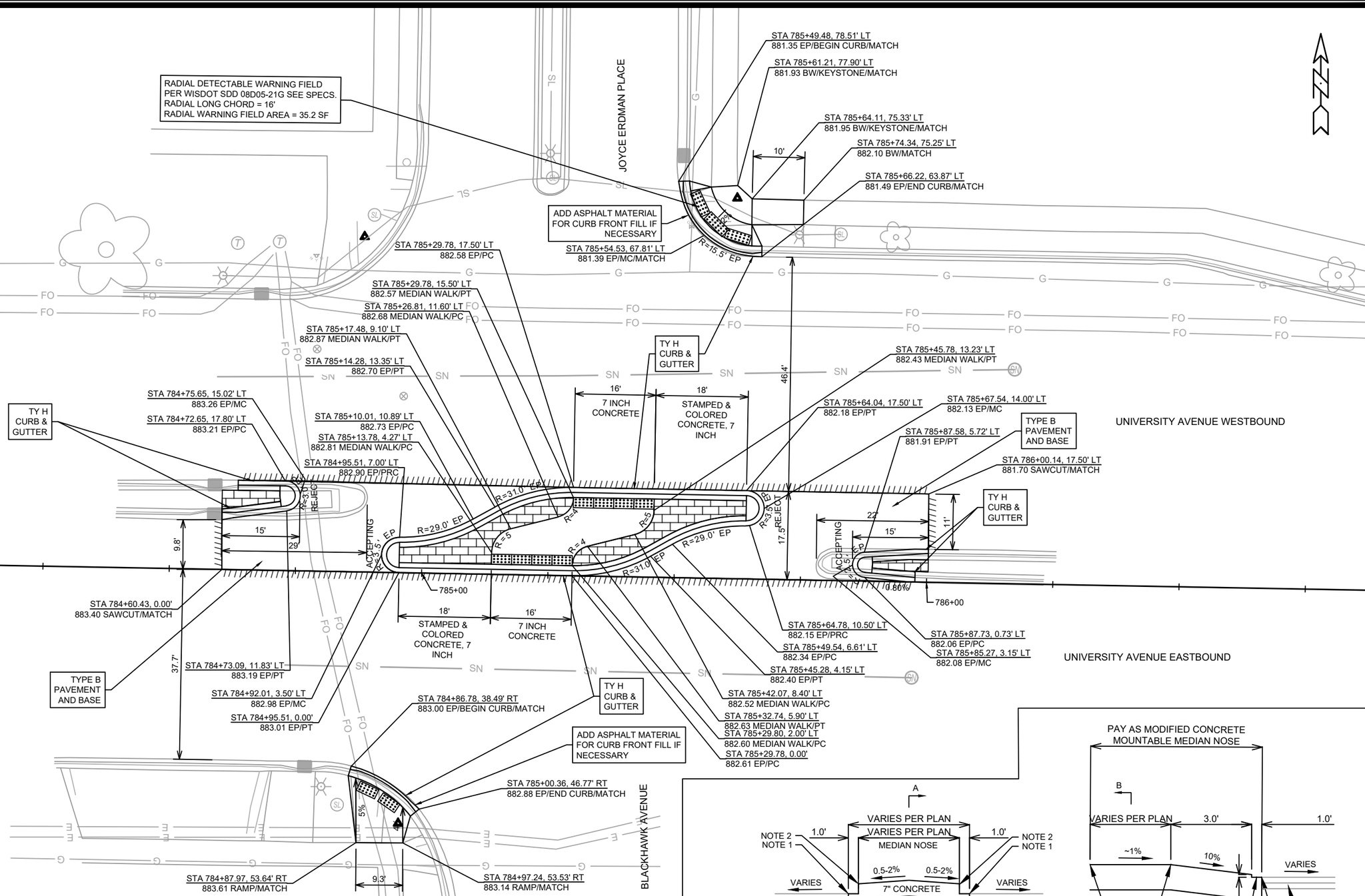
15200

UB-1



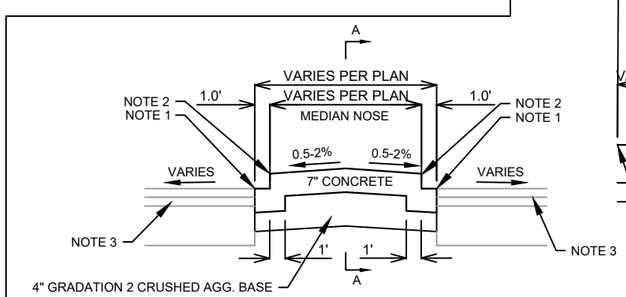
NOTES:

- 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

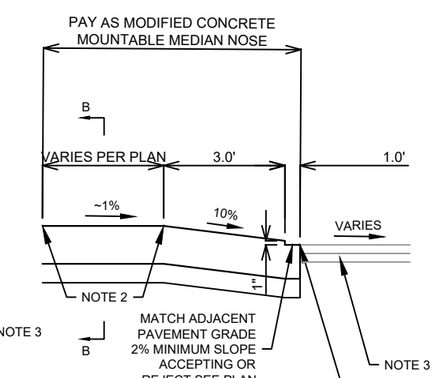
STAMPED & COLORED CONCRETE, 7 INCH - MATCH THE EXISTING PATTERN AND COLOR ON MEDIANS. PROVIDE SAMPLE TO CONSTRUCTION ENGINEER FOR REVIEW PRIOR TO INSTALLATION, SEE SPECS

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



SECTION B - B



SECTION A - A

MODIFIED CONCRETE MOUNTABLE MEDIAN ISLAND NOSE

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15200

MADISON, WI

CONTRACT NO: 8800

UNIVERSITY BLACKHAWK PLAN

SAFE STREETS 2025

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15200

UB-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, 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.

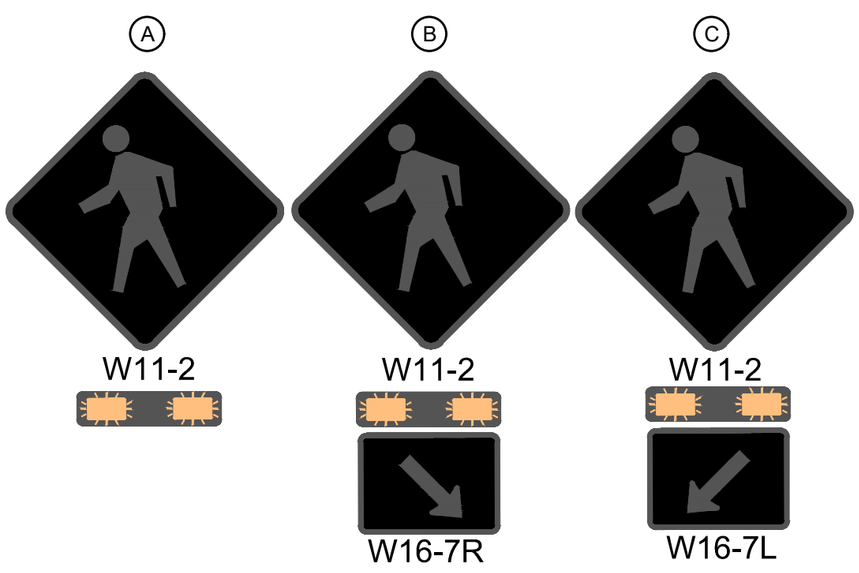
TS#4
1. EXISTING POLE AND BASE TO REMAIN. INSTALL APS PEDESTRIAN PUSH BUTTON, SINGLE ARROW.
2. INSTALL SIGNS AS SHOWN IN DETAIL.
3. INSTALL SOLAR PANEL AND DC CONVERTER ON POLE.

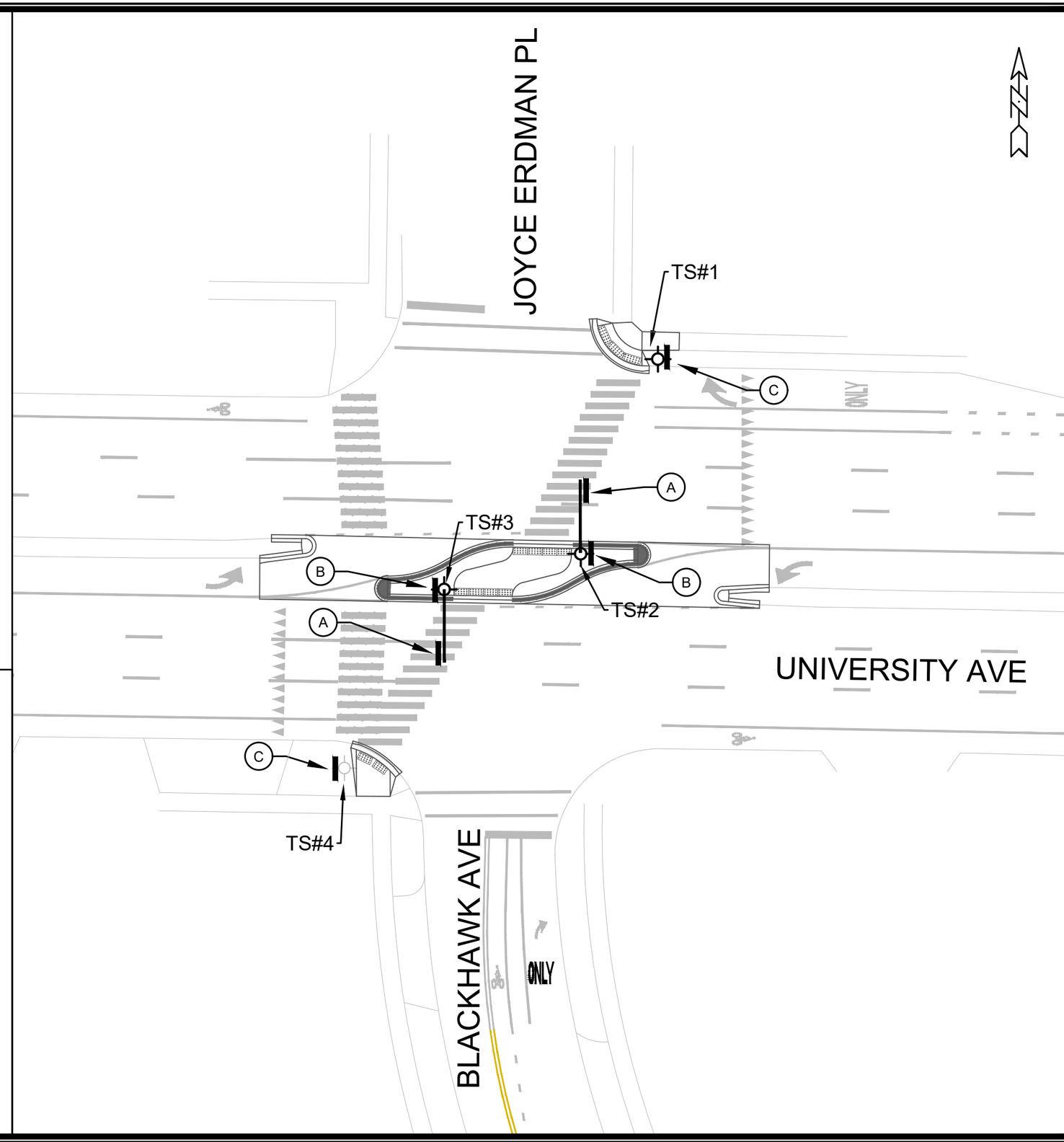
NOTES:
1. PAVEMENT MARKINGS BY OTHERS.
2. TS#1 AND TS#2 TO BE CONNECTED AND TIMED TOGETHER.
3. TS#3 AND TS#4 TO BE CONNECTED AND TIMED TOGETHER.
4. CONTRACTOR TO INSTALL CARMANAH SYSTEM OR EQUIVALENT.
5. PROGRAM 15 SECOND FLASH TIME

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





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Designed By: LMC | Date: 2/27/2025 3:56 PM | Scale: 1" = 30' | UB-3

15200

CITY OF MADISON

CONTRACT NO: 8800

RRFB UNIVERSITY AVE AND BLACKHAWK AVE

SAFE STREETS 2025

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15200

UB-3

		60416	60417	60243	60424	90011	90013	90017	90038	90038	90040	90016	90020	
		FURNISH & INSTALL		REMOVE		FURNISH & INSTALL							FURNISH & INSTALL	
	STRUCTURE	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)	COMMENTS
UNIVERSITY AND BLACKHAWK	TS1	-	1	-	-	-	1	-	1	-	1	1	-	PEDESTAL BASES TO BE WISDOT ITEM 657.0100
	TS2	1	-	-	-	1	-	1	1	-	-	-	-	
	TS3	1	-	-	-	1	-	1	1	-	-	-	-	20-FT TROMBONE ARM TO BE WISDOT ITEM 657.0595
	TS4 (EX.)	-	-	-	-	-	-	-	1	-	-	-	-	
	SUBTOTAL	***2***	***1***	***0***	***0***	***2***	***1***	***2***	***4***	***0***	***1***	***1***	***0***	

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15200 | UB-4

UNIVERSITY AVE AND BLACKHAWK AVE - MISC. QUANTITIES

SAFE STREETS 2025

15200

MADISON, WI

CONTRACT NO: 8800

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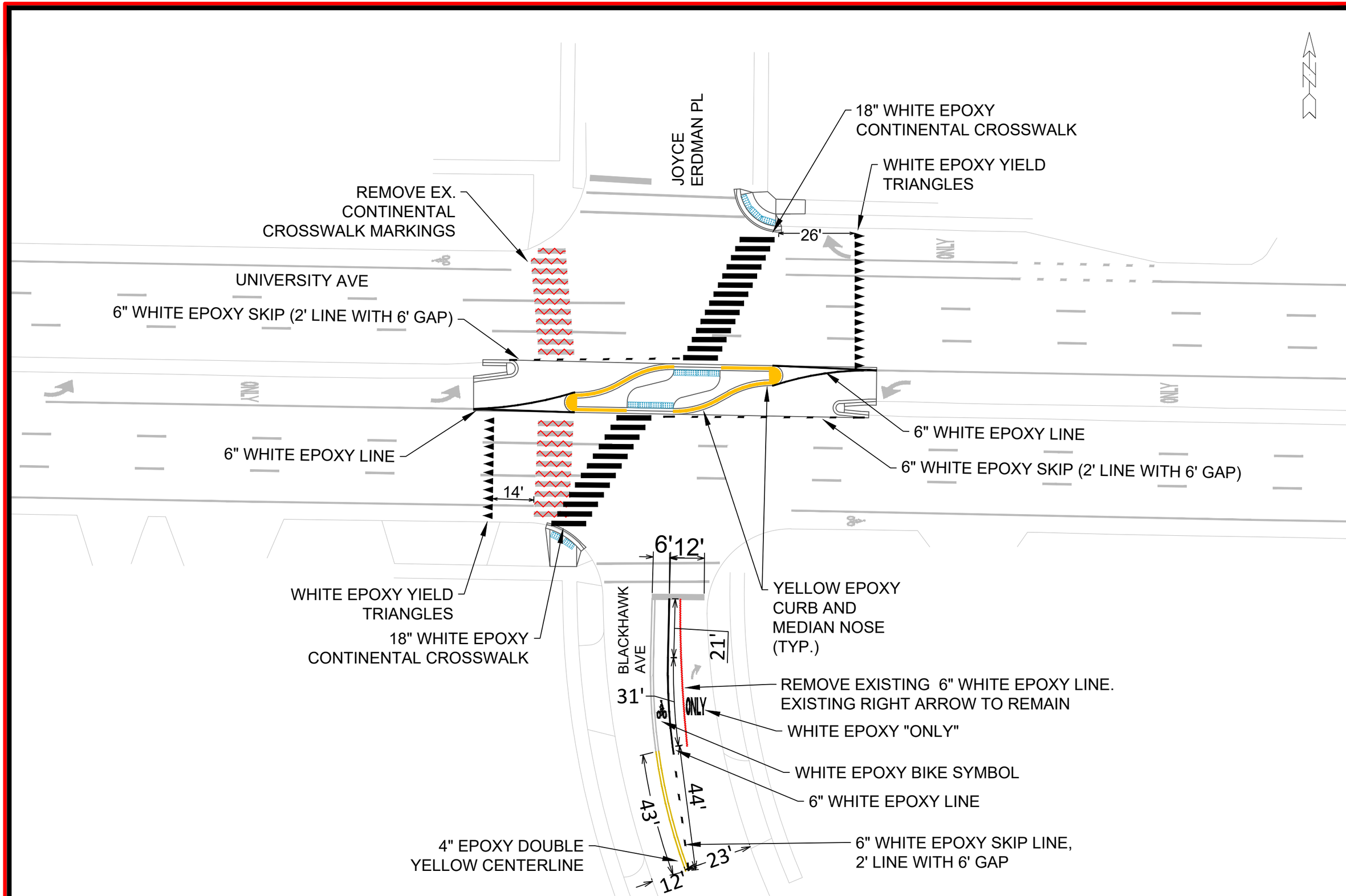
15200

UB-4



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15200

PAVEMENT MARKING PLAN - UNIVERSITY AND BLACKHAWK

SAFE STREETS 2025

MADISON, WI

CONTRACT NO: 8800

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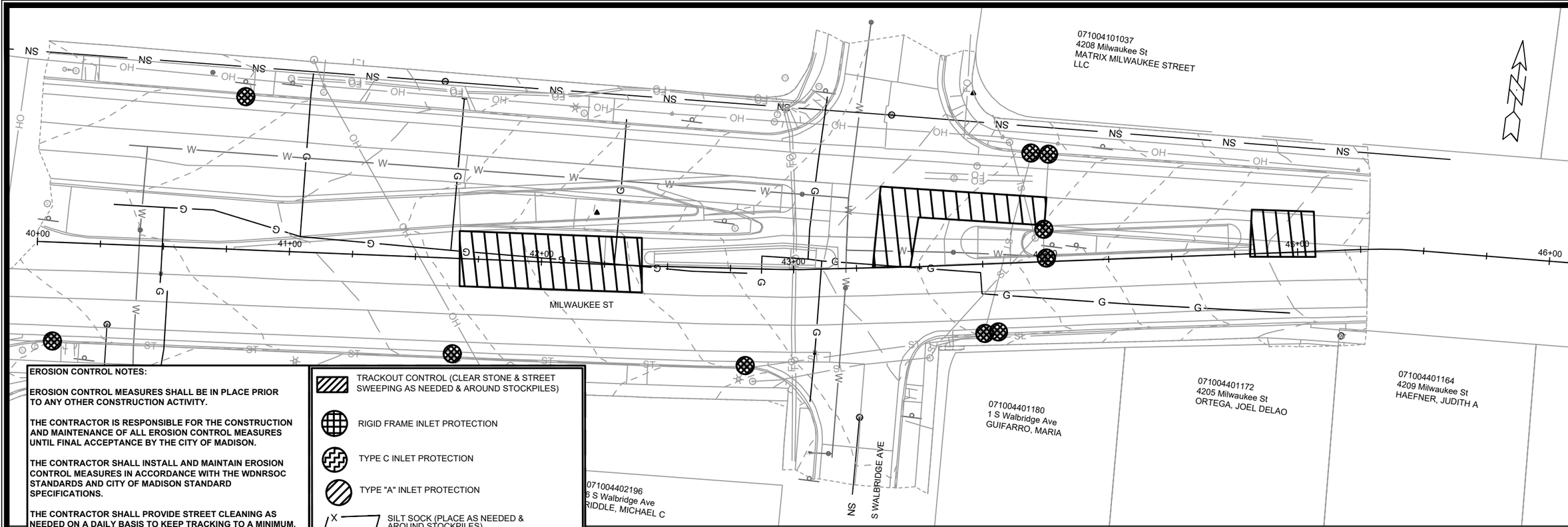
CITY OF MADISON WISCONSIN

15200

UB-5



EROSION CONTROL NOTES:

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

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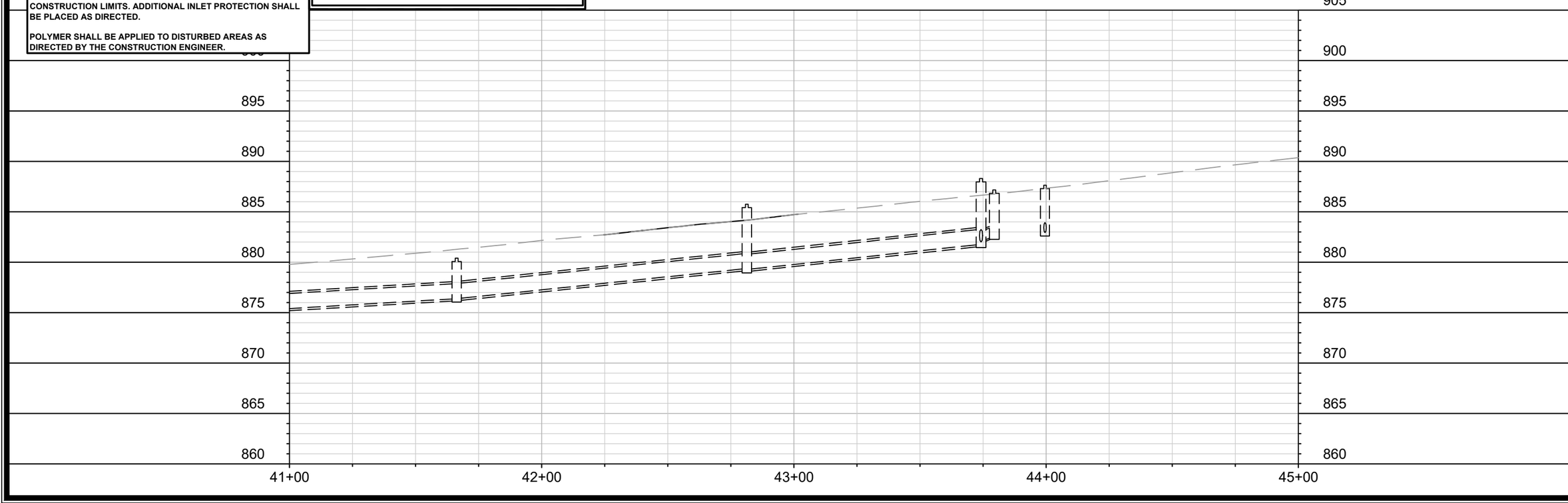
POLYMER SHALL BE APPLIED TO DISTURBED AREAS AS DIRECTED BY THE CONSTRUCTION ENGINEER.

- 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)



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15200

MADISON, WI

CONTRACT NO: 8800

EROSION CONTROL PLAN - MILWAUKEE ST

SAFE STREETS 2025

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15200

MW-1

LEGEND

SAWCUT CONCRETE PAVEMENT, FULL DEPTH

STA 43+62.60, 18.15' LT
886.03 EP/MATCH

STA 43+60.16, 10.55' LT
886.08 EP/MATCH

STA 44+00.04, 14.43' LT
887.03 EP/MATCH

STA 43+16.21, 33.84' LT
884.46 EP/MATCH

STA 43+00.92, 27.71' LT
884.56 SW/MEDIAN WALK

TY 'A' MOUNTABLE CURB & GUTTER

STA 42+75.25, 36.61' LT
883.48 EP/MATCH

TY 'A' CURB & GUTTER ON INTERNAL MEDIAN BOUNDARY

TY 'H' CURB & GUTTER THIS SIDE OF MEDIAN

STA 42+28.51, 33.09' LT
882.43 EP/PC/END FULL CURB HEAD

TYPE 'A' REJECT CURB & GUTTER

STA 41+69.02, 41.01' LT
880.78 EP/MATCH

CONC PAVEMENT 9 INCH, TYP.

STA 41+66.15, 27.73' LT
881.11 EP/MATCH

WALBRIDGE AVENUE

SEE INSERT BOTTOM LEFT

071004101037
4208 Milwaukee St
MATRIX MILWAUKEE STREET LLC

STA 44+01.33, 25.45' LT
886.77 EP/MATCH

STA 44+72.76, 14.02' LT
889.23 EP/PROPOSED

STA 44+82.25, 16.85' LT
889.43 EP/MATCH

STA 44+81.86, 13.08' LT
889.54 EP/MATCH

ACCEPTING MEDIAN NOSE

MILWAUKEE STREET

R30.0'
R1.0'
R2.0'
R5.5'
R6.5'
R5'
R4'
R2.5'
17'
15'
10'
14'
8.4'
6.4'
10.5'
%4
%2
A
B

40+00
41+00
42+00
43+00
44+00 B
45+00
46+00

STA 41+67.40, 10.87' LT
881.42 EP/MATCH

STA 42+45.88, 30.50' LT
882.92 FLANGE/MEDIAN

STA 42+24.82, 11.00' LT
882.82 EP/MATCH

STA 42+24.85, 0.00'
882.71 EP/MATCH

STA 42+39.80, 6.43' LT
883.16 EP/PROPOSED

STA 42+39.79, 0.00'
883.13 EP/MATCH

STA 42+60.79, 26.27' LT
883.37 FLANGE/MEDIAN

STA 42+63.69, 22.71' LT
884.19 EP/MATCH

STA 42+63.98, 18.72' LT
884.26 EP/END FULL CURB HEAD

STA 42+91.70, 20.74' LT
884.32 EP/PROPOSED

STA 42+96.03, 10.50' LT
884.62 EP/PROPOSED

TYPE 'E' CURB & GUTTER THIS SIDE OF MEDIAN

TY 'A' REJECT CURB & GUTTER

STA 43+60.14, 0.30' LT
886.29 EP/MATCH

STA 43+32.46, 11.95' LT
885.42 EP/MATCH

STA 43+31.26, 0.00'
885.53 EP/MATCH

STA 43+17.71, 8.47' LT
885.10 EP/PROPOSED

071004401180
1 S Walbridge Ave
GUIFARRO, MARIA

STA 43+14.18, 12.73' LT
884.95 EP/MATCH

STA 43+17.74, 0.00'
885.17 EP/MATCH

STA 44+80.71, 0.02' LT
889.82 EP/MATCH

071004401172
4205 Milwaukee St
ORTEGA, JOEL DELAO

071004401164
4209 Milwaukee St
HAEFNER, JUDITH A

INSET: CURB FLOW MAP

4" MOUNTABLE CURB HEAD

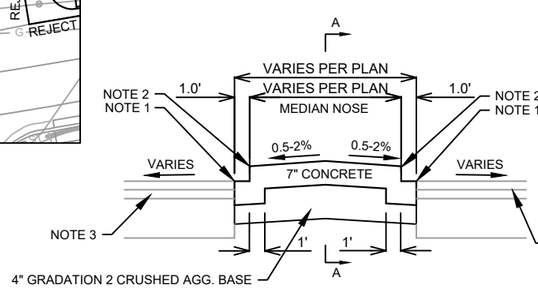
REJECT
ACCEPTING
DRAINAGE ARROW, TYP

NOTES:

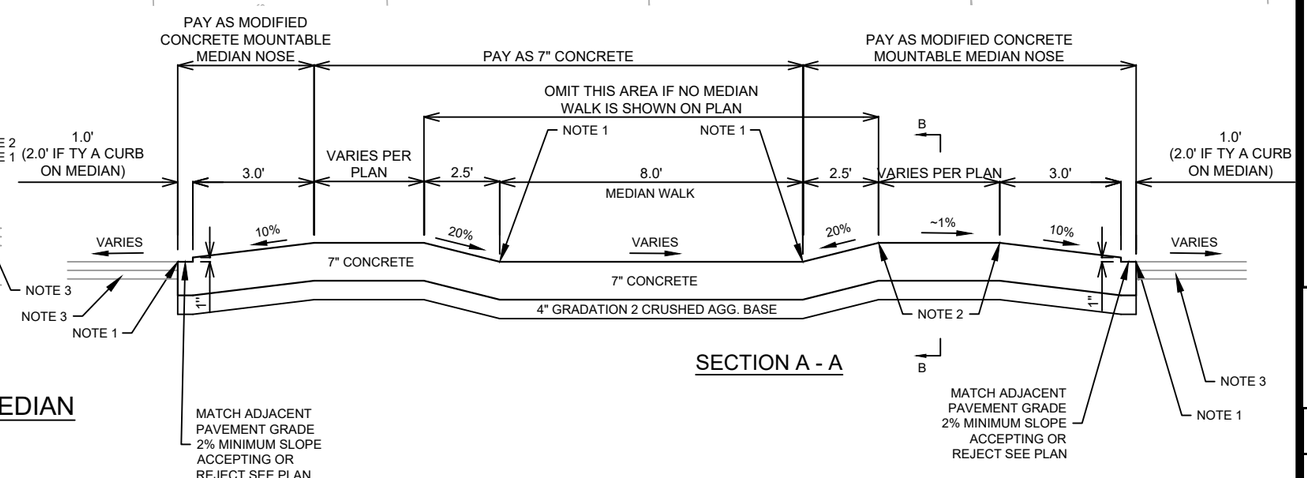
- ALL PAVEMENT TO BE CONCRETE, 9 INCH
- ALL MEDIANS TO BE CONCRETE, 7 INCH
- RADII ARE TO FACE OF CURB OR MEDIAN

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



SECTION B - B



SECTION A - A

MODIFIED CONCRETE MOUNTABLE MEDIAN ISLAND NOSE

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15200

MADISON, WI

8800

CONTRACT NO:

MILWAUKEE WALBRIDGE PLAN

SAFE STREETS 2025

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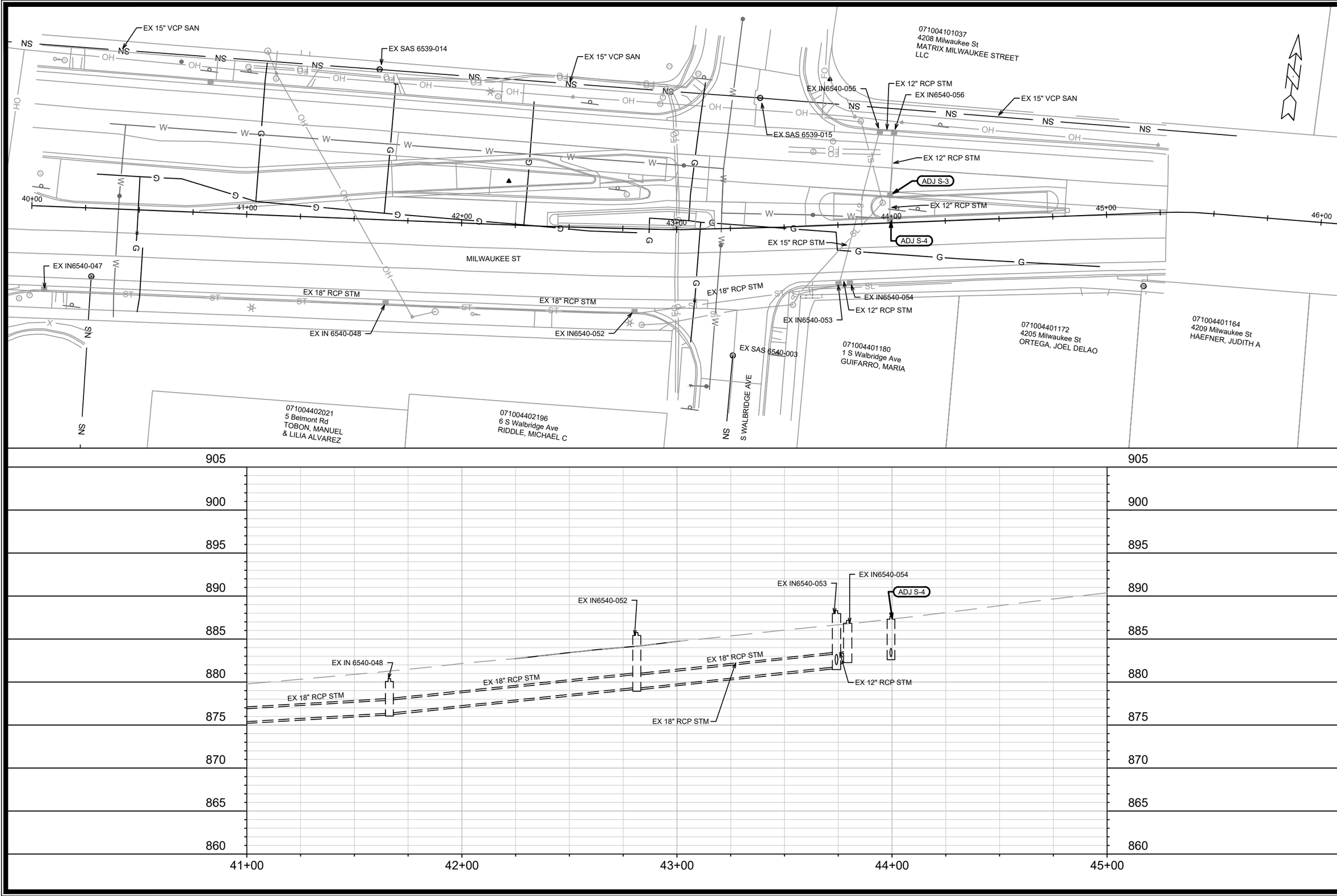
CITY OF MADISON WISCONSIN

15200

MW-2



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15200 | MW-3

15200

MILWAUKEE ST - UTILITY PLAN & PROFILE

SAFE STREETS 2025

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MADISON, WI

CONTRACT NO: 8800

CITY OF MADISON WISCONSIN

15200

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.

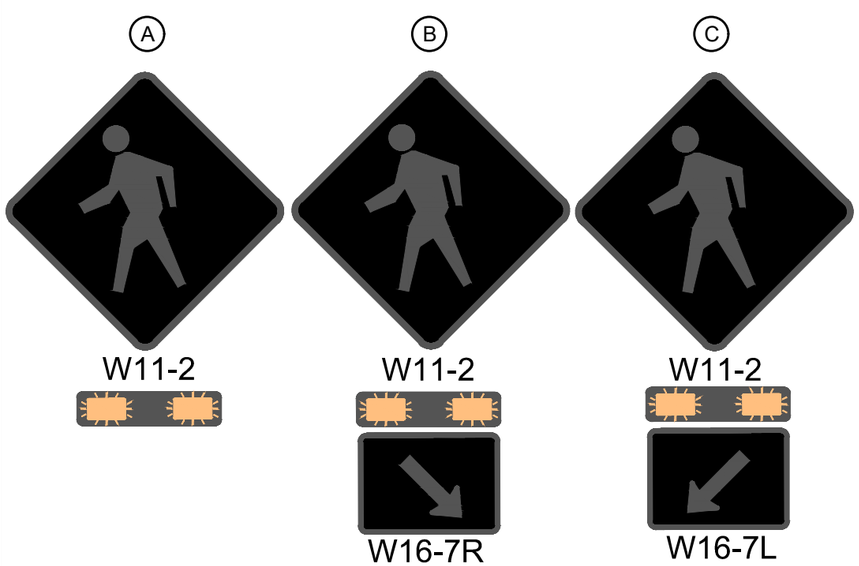
TS#3
1. INSTALL GR BASE, 15' SIGNAL POLE, AND PEDESTRIAN PUSH BUTTON.
2. INSTALL SIGNS AS SHOWN IN DETAIL.
3. INSTALL SOLAR PANEL AND DC CONVERTER ON POLE.

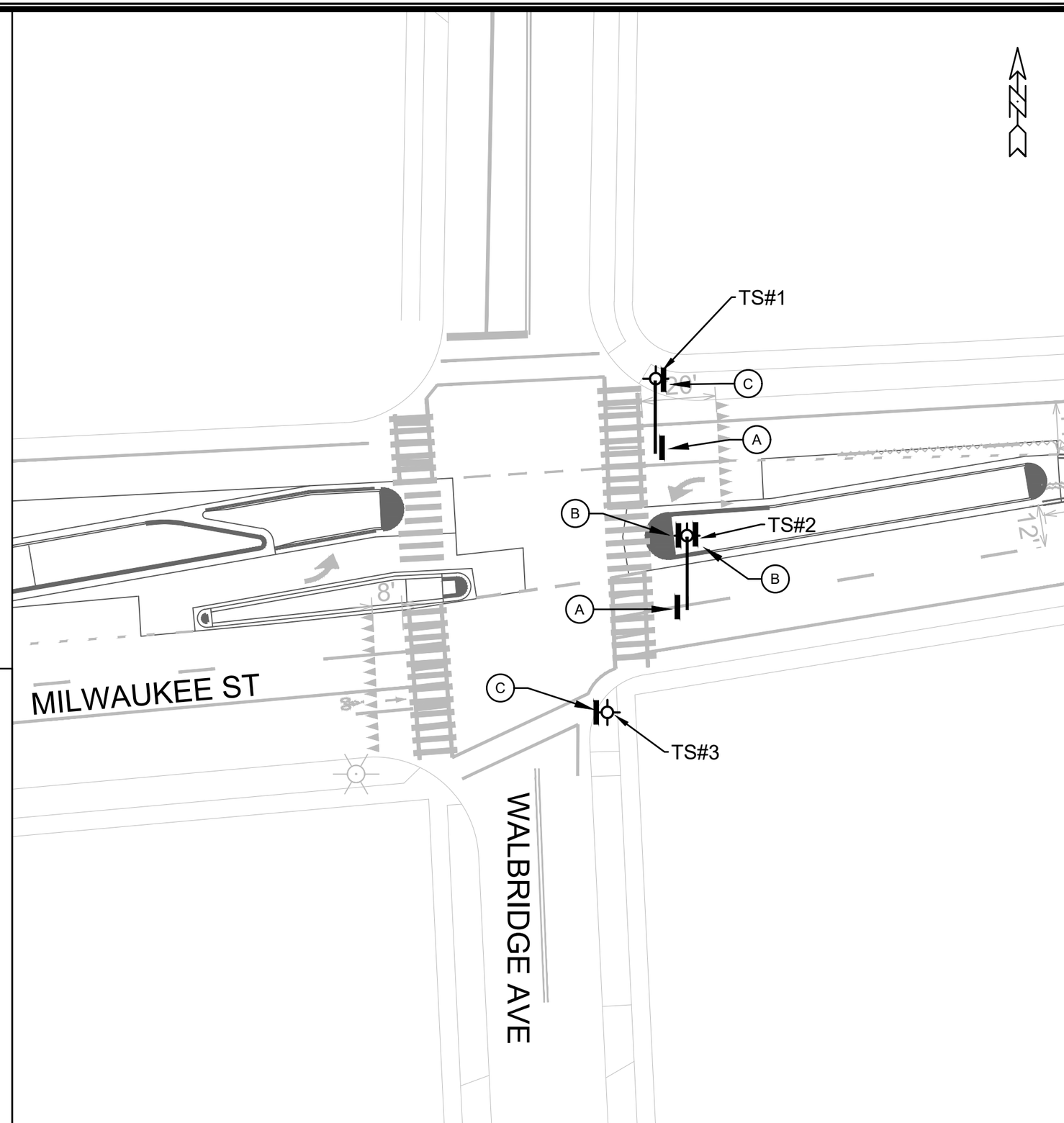
NOTES:
1. PAVEMENT MARKINGS BY OTHERS.
2. CONTRACTOR TO INSTALL CARMANAH SYSTEM OR EQUIVALENT.
3. PROGRAM FLASH FOR 30 SECONDS.

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





MARK	REVISION	DATE	BY

Designed By: LMC | Date: 2/26/2025 8:29 AM | Scale: 1" = 30'

15200 | MW-5

15200

CITY OF MADISON

CONTRACT NO: 8800

RRFB MILWAUKEE ST AND WALBRIDGE AVE

SAFE STREETS 2025

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MW-5

		60416	60417	60243	60424	90011	90013	90017	90038	90038	90040	90016	90020	
		FURNISH & INSTALL		REMOVE		FURNISH & INSTALL							FURNISH & INSTALL	
	STRUCTURE	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)	COMMENTS
MILWAUKEE AND WALBRIDGE	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*	

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15200

MADISON, WI

CONTRACT NO: 8800

MILWAUKEE ST AND WALBRIDGE ST - MISC. QUANTITIES

SAFE STREETS 2025

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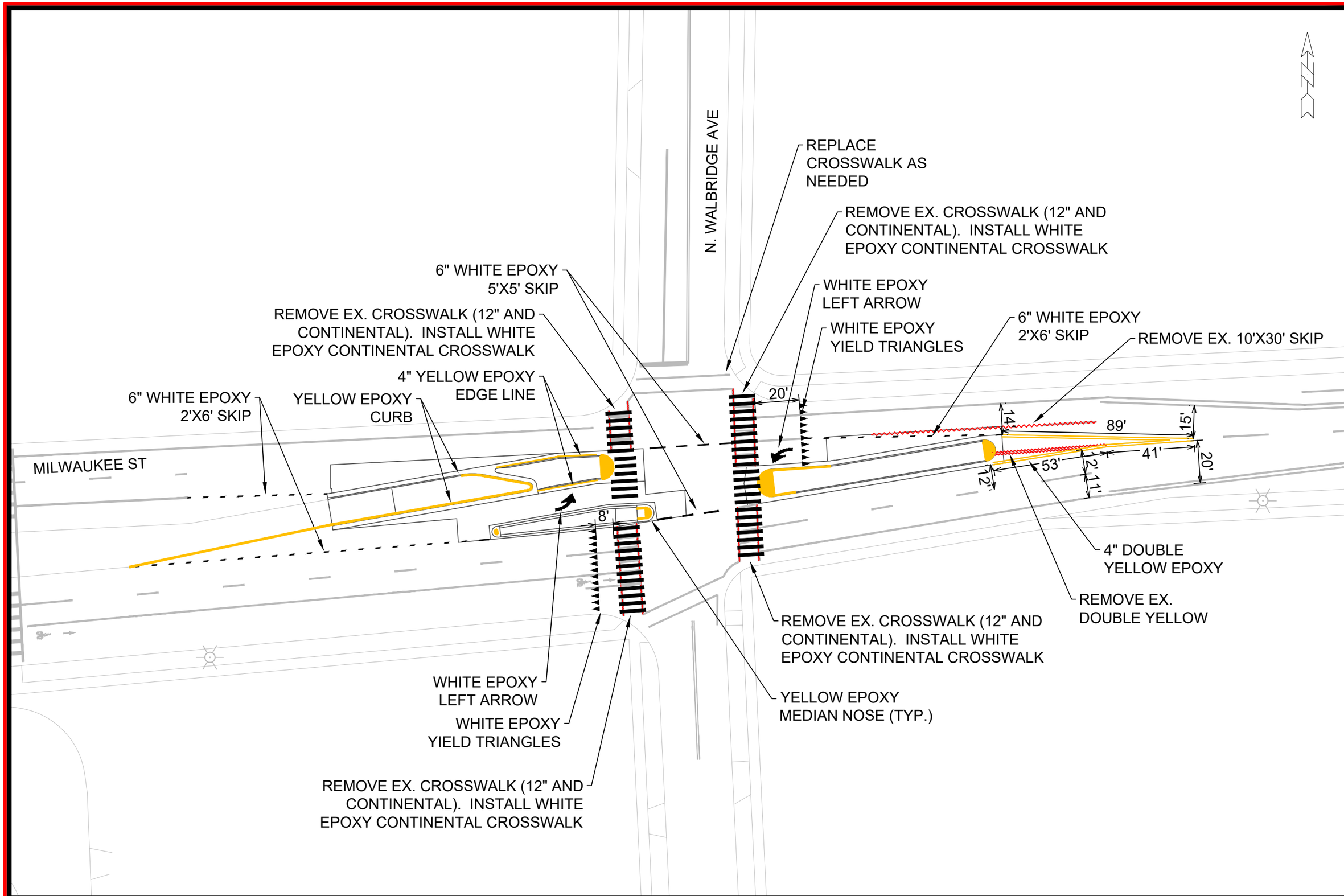
MW-6



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PAVEMENT MARKING PLAN - MILWAUKEE AND WALBRIDGE

SAFE STREETS 2025

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MADISON, WI

CONTRACT NO: 8800

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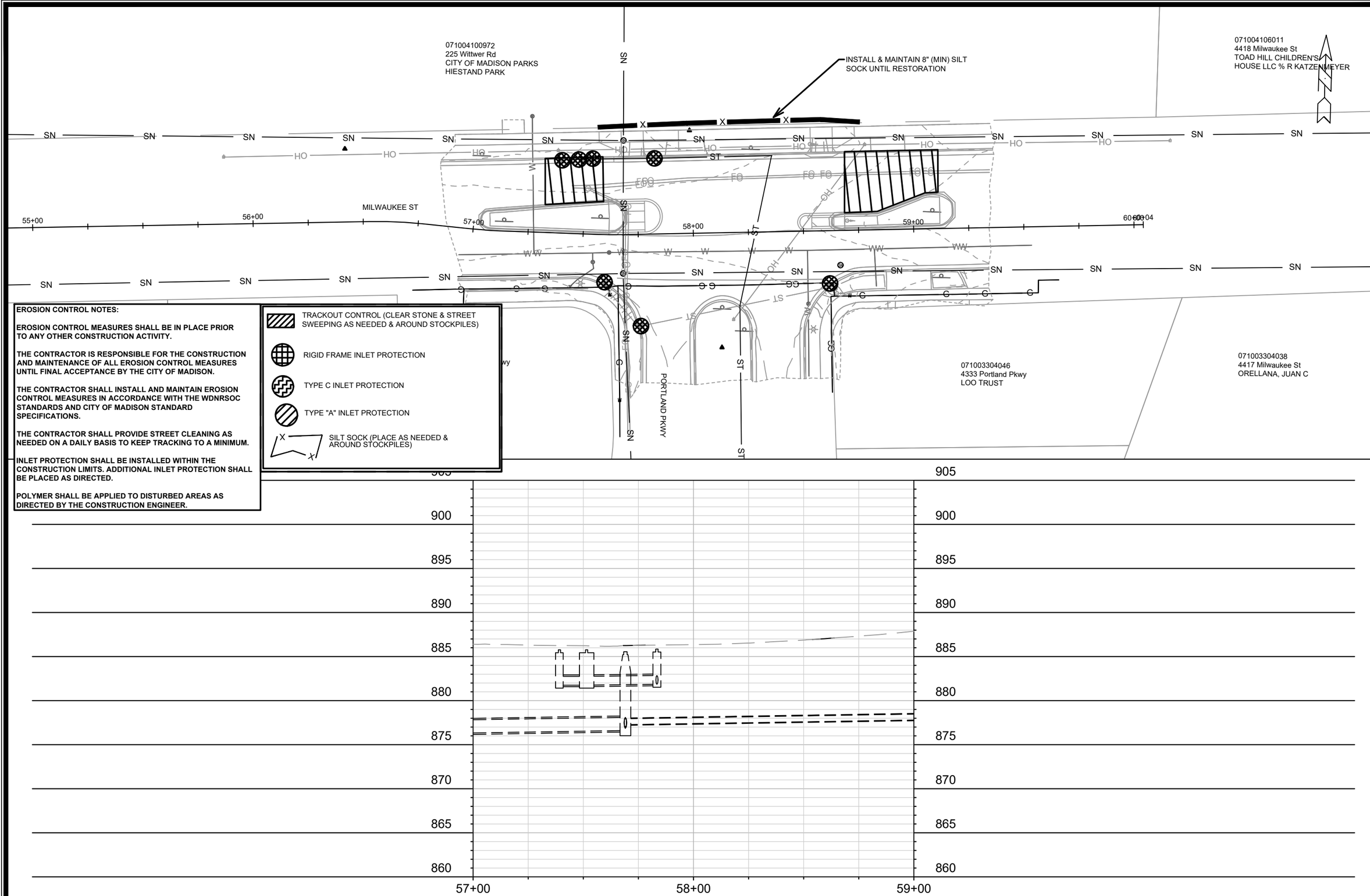
MW-7



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.

- 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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MP-1

15200

MADISON, WI

8800

CONTRACT NO:

EROSION CONTROL PLAN - MILWAUKEE ST

SAFE STREETS 2025

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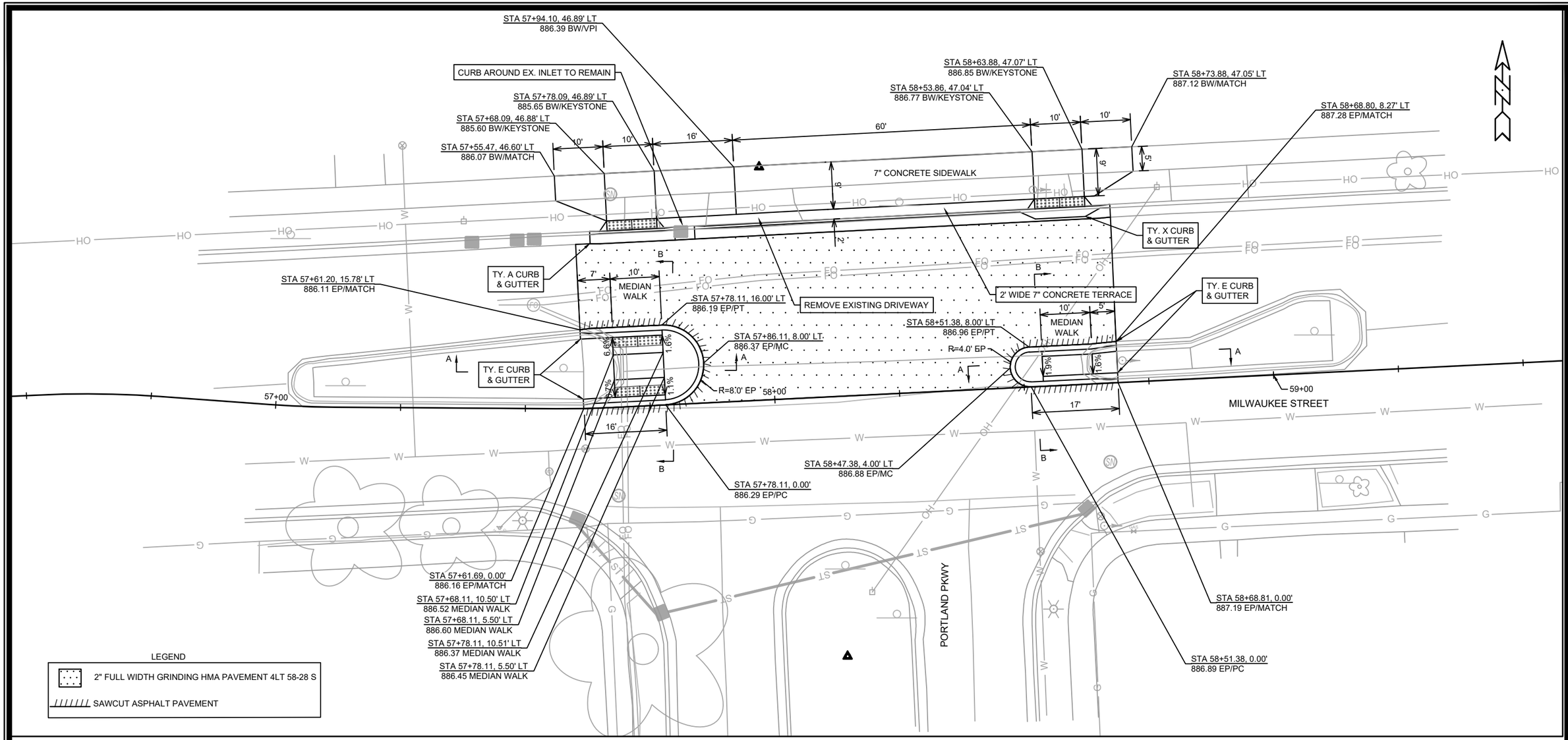
MP-1

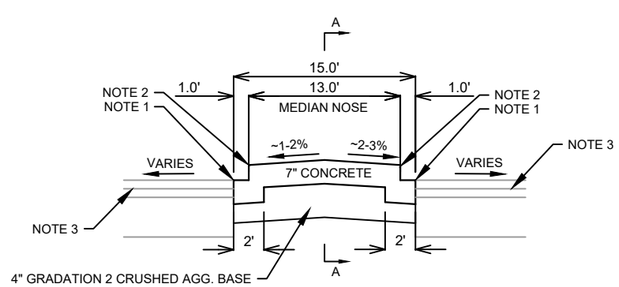


NOTES:

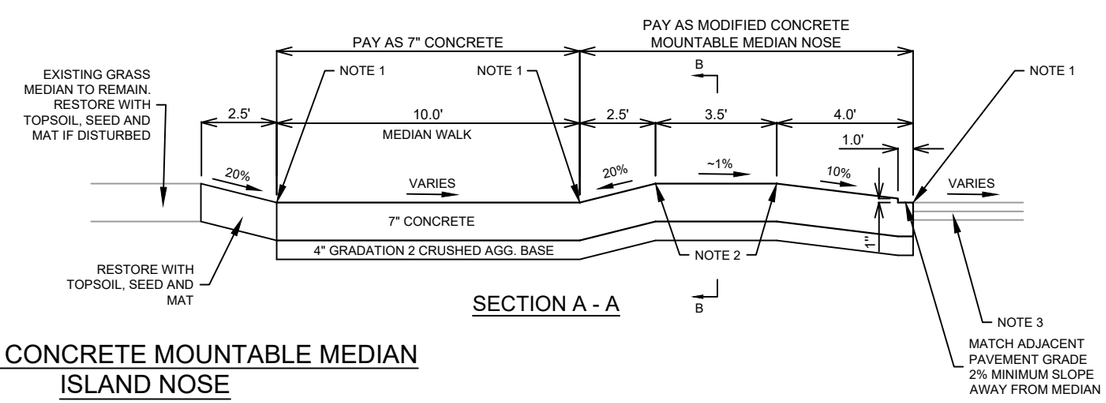
- RESTORE DISTURBED AREAS WITH TOPSOIL SEED AND MAT
- FINAL ASPHALT PATCHING LIMITS TO BE DETERMINED IN FIELD BY CONSTRUCTION ENGINEER
- RADII DIMENSIONED TO EDGE OF PAVEMENT
- ALL CURB RAMPS ARE 7" CONCRETE
- ALL SIDEWALK AND KEYSTONES ARE 5" CONCRETE

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



SECTION B - B



SECTION A - A

MODIFIED CONCRETE MOUNTABLE MEDIAN ISLAND NOSE

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MADISON, WI

8800

CONTRACT NO:

MILWAUKEE PORTLAND PLAN

SAFE STREETS 2025

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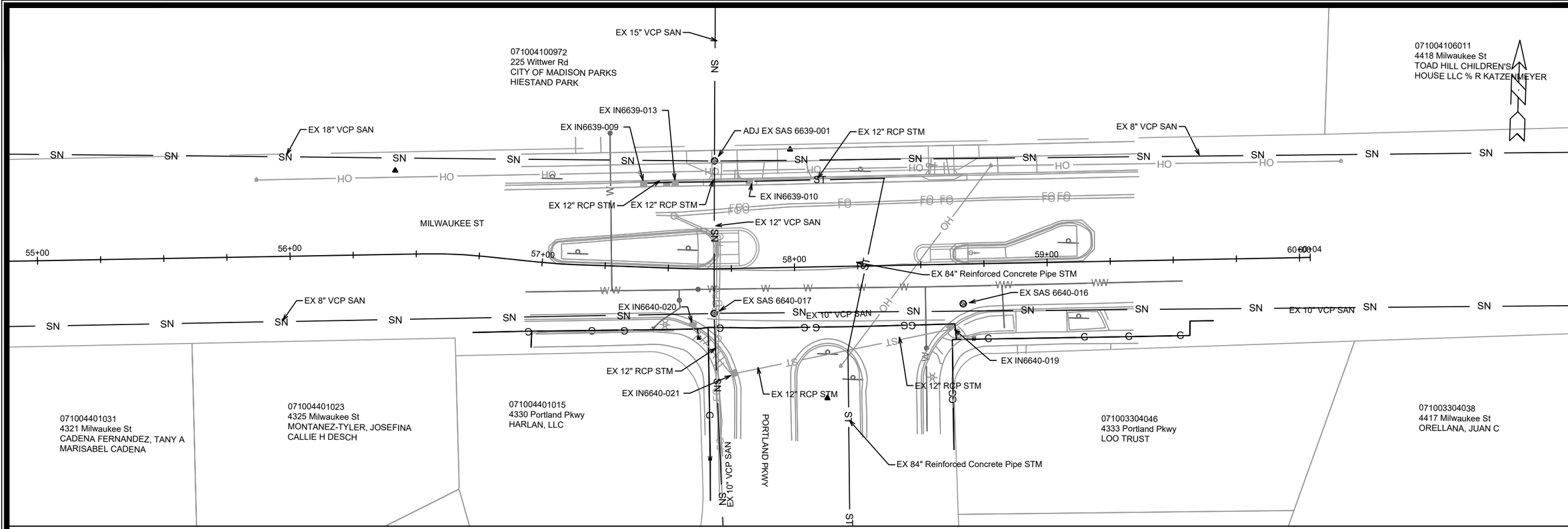

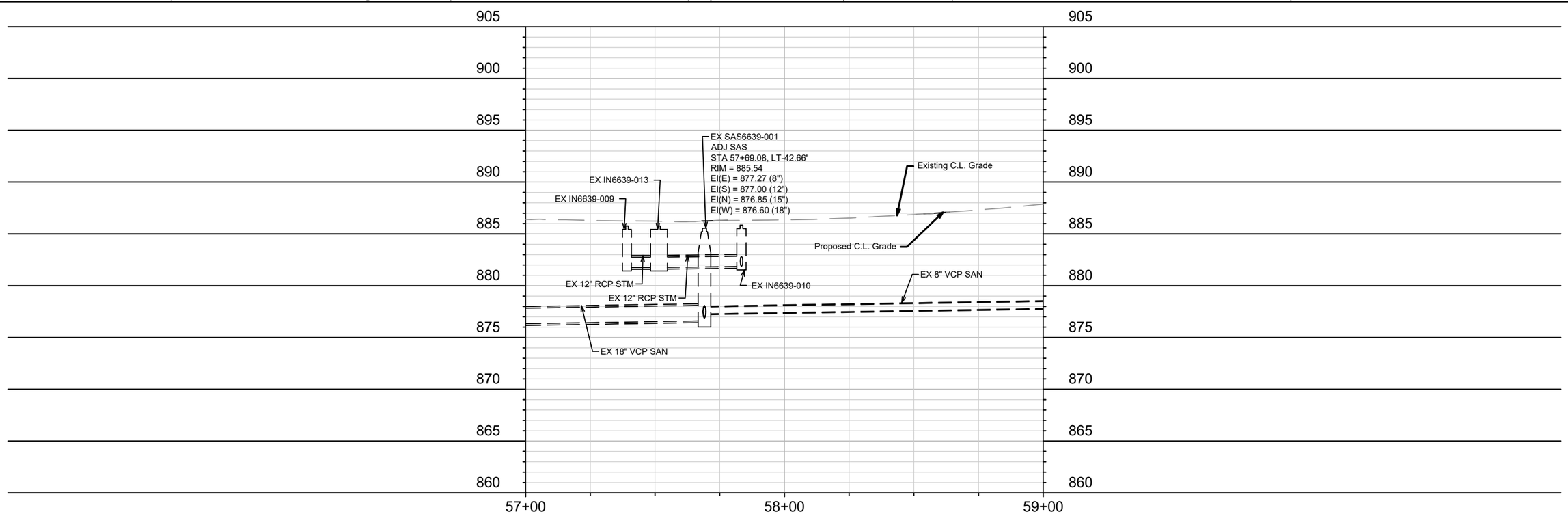

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MADISON, WI

8800

CONTRACT NO:

MILWAUKEE ST - UTILITY PLAN & PROFILE

SAFE STREETS 2025

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15200

MP-3

SANITARY SEWER SCHEDULE

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

ADJUST EXISTING SANITARY STRUCTURES

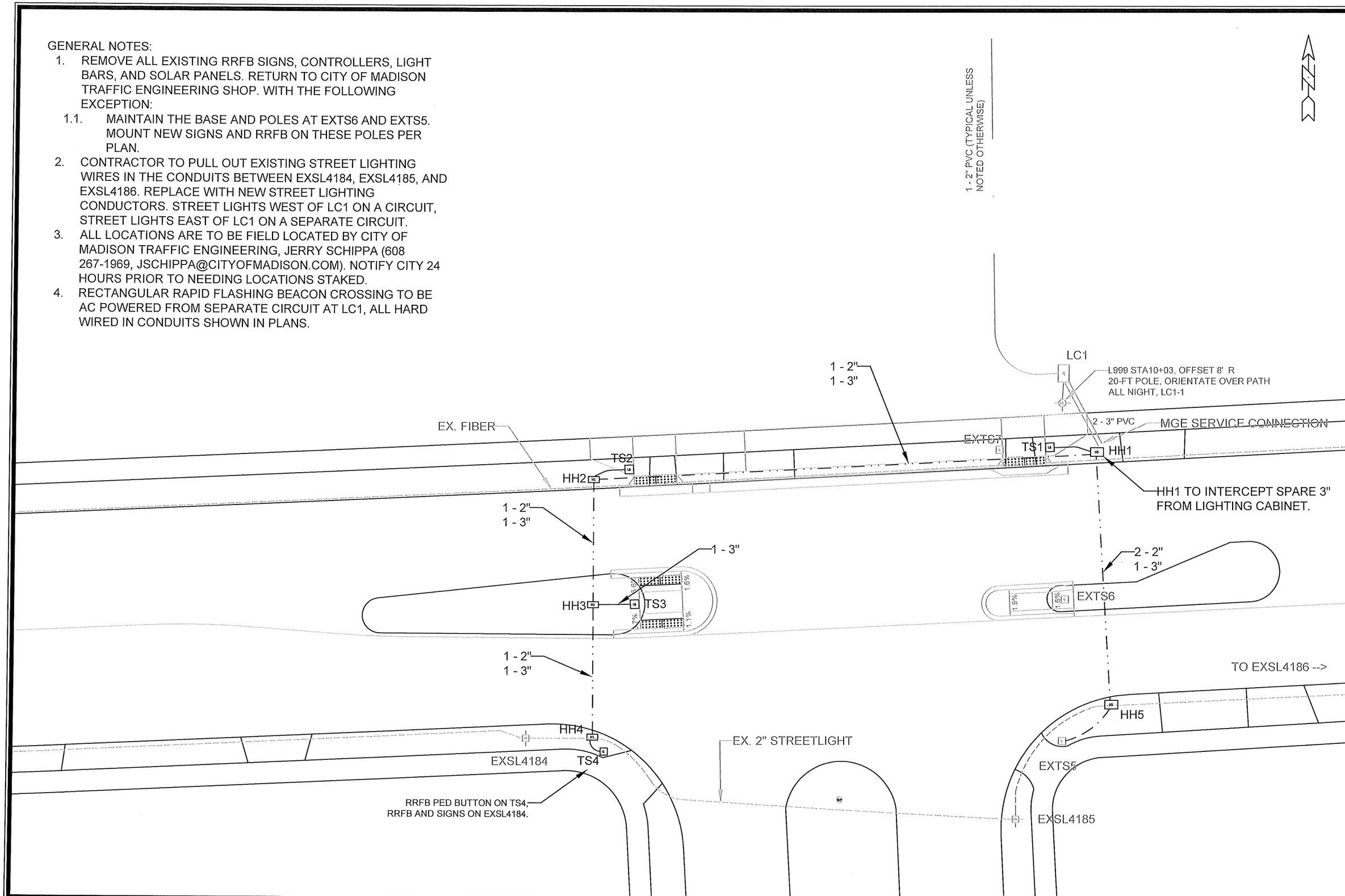
SAS NO.	STATION	LOCATION (OFFSET)	TOC	PROP TOC	ADJ (FT)	NOTES
MILWAUKEE ST						
SAS6639-001	57+69.08	LT-42.66	885.97	885.54	-0.43	[1]

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.



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15200

ELECTRICAL PLANS - MILWAUKEE & PORTLAND PKWY RRFB

SAFE STREETS MADISON 2025

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MADISON, WI

CONTRACT NO: 8800

15200

MP-5

GENERAL NOTES:

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   1.1. MAINTAIN THE BASE AND POLES AT EXTS6 AND EXTS5. MOUNT NEW SIGNS AND RRFB ON THESE POLES PER PLAN.
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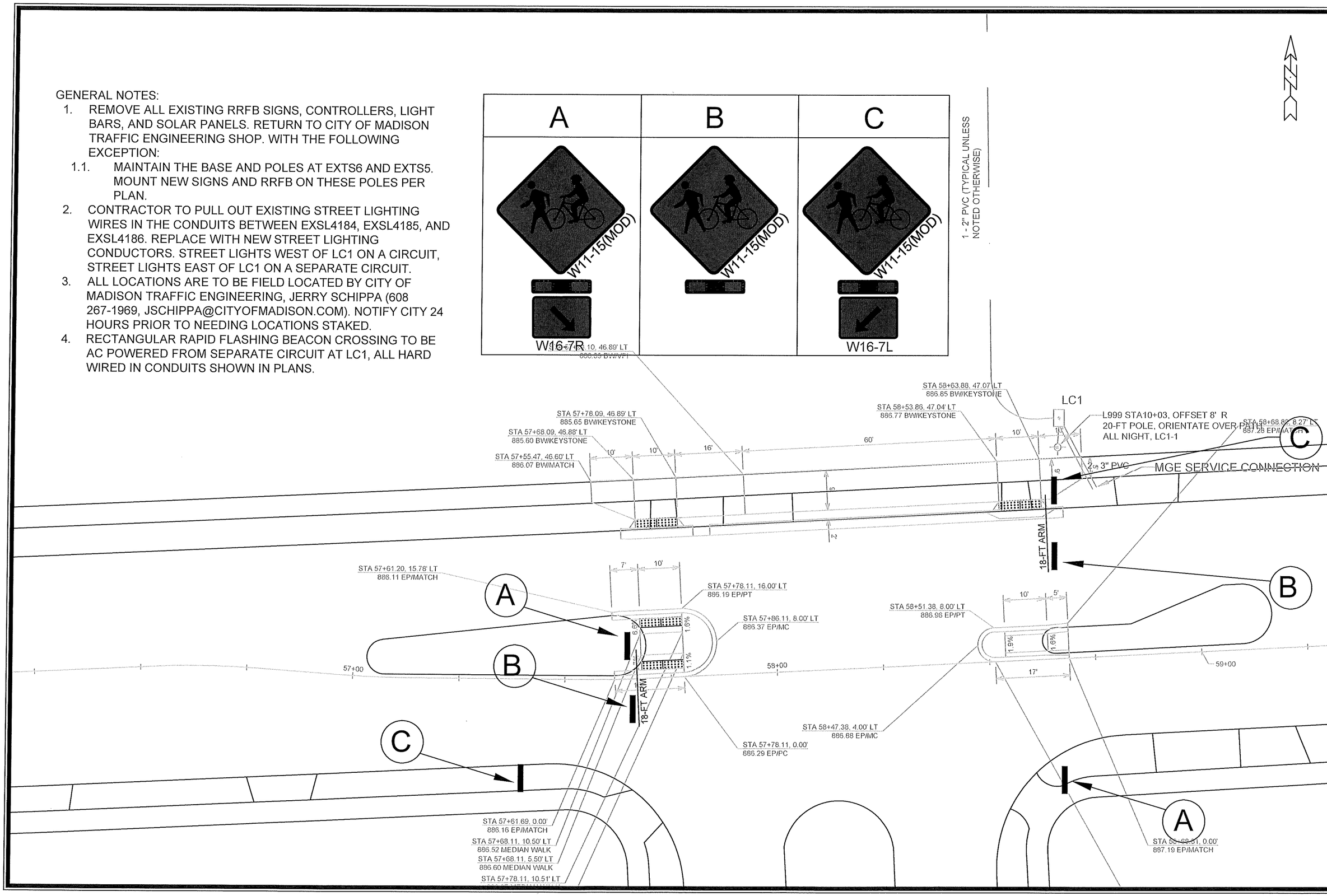

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15200 | MP-6

ELECTRICAL PLANS - MILWAUKEE & PORTLAND PKWY RRFB

SAFE STREETS MADISON 2025

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MADISON, WI

CONTRACT NO: 8800

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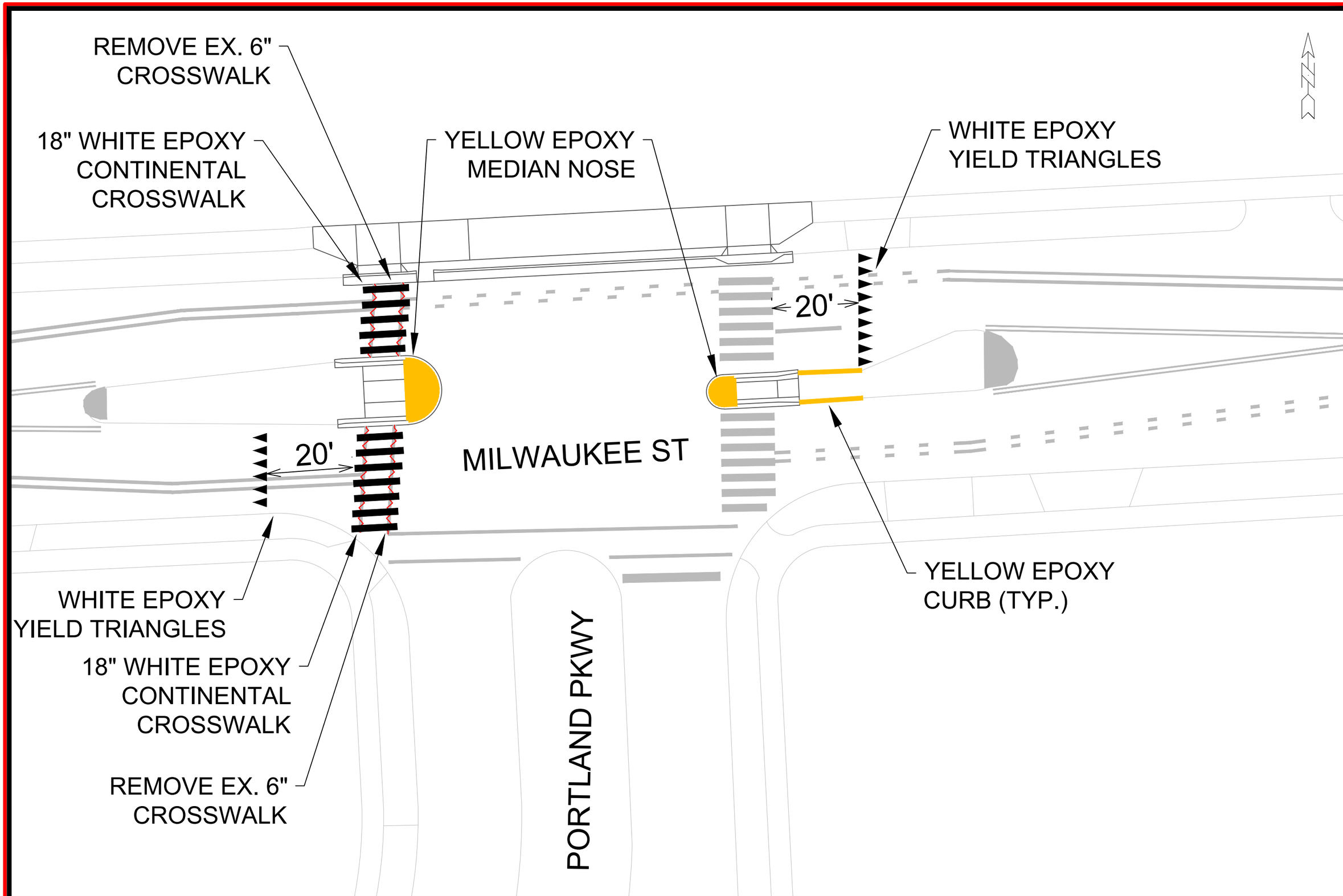
MP-6



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PAVEMENT MARKING PLAN - MILWAUKEE AND PORTLAND

SAFE STREETS 2025

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CONTRACT NO: 8800

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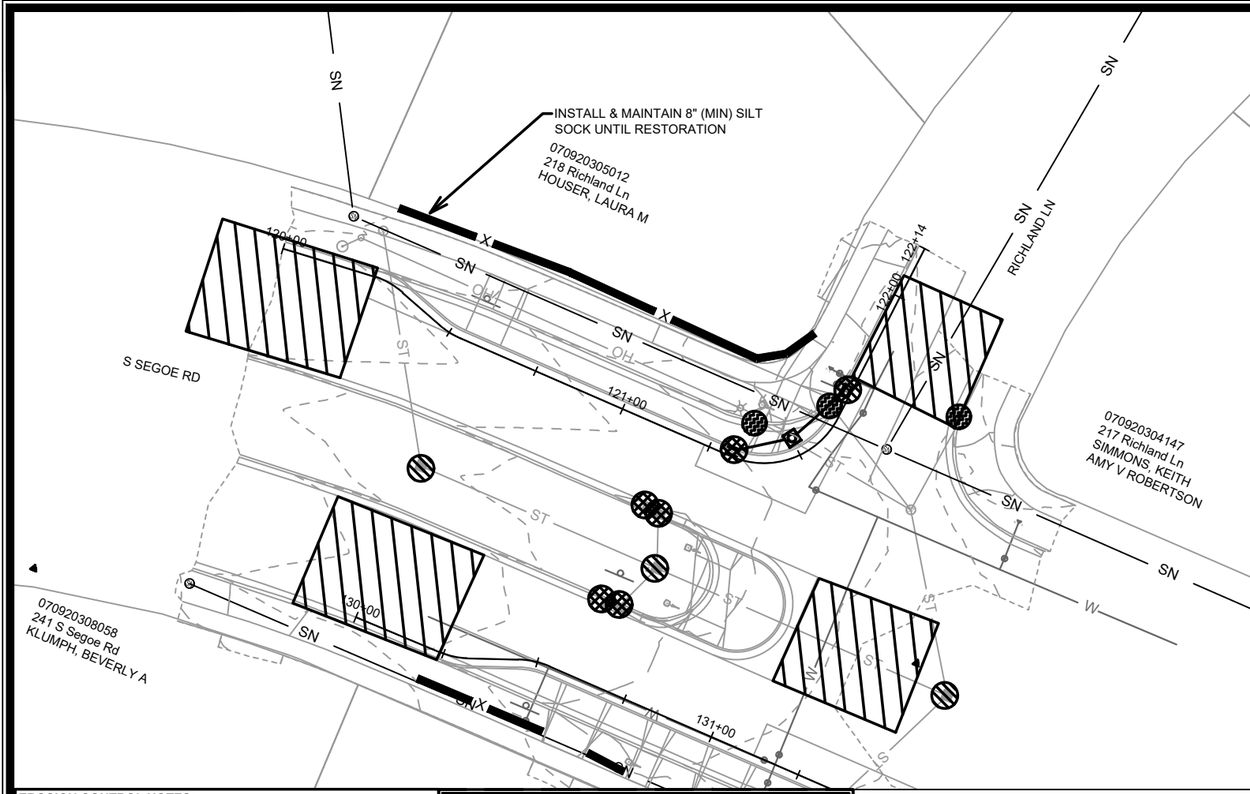

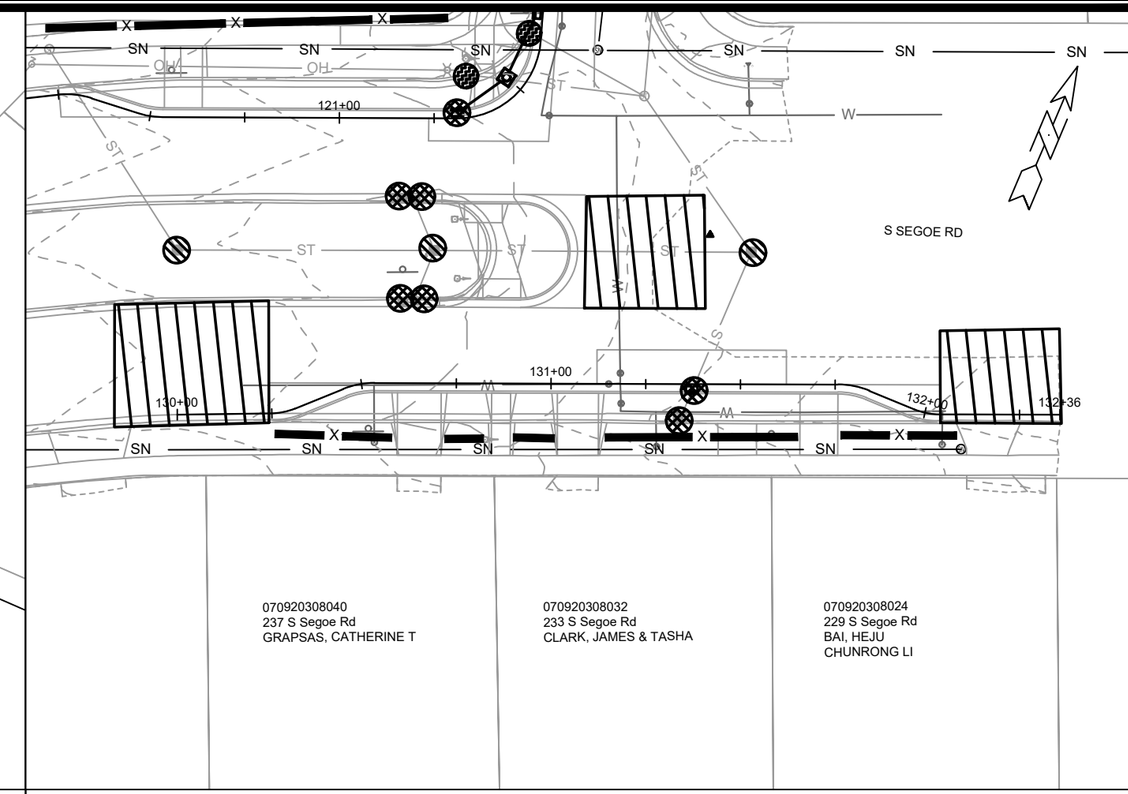

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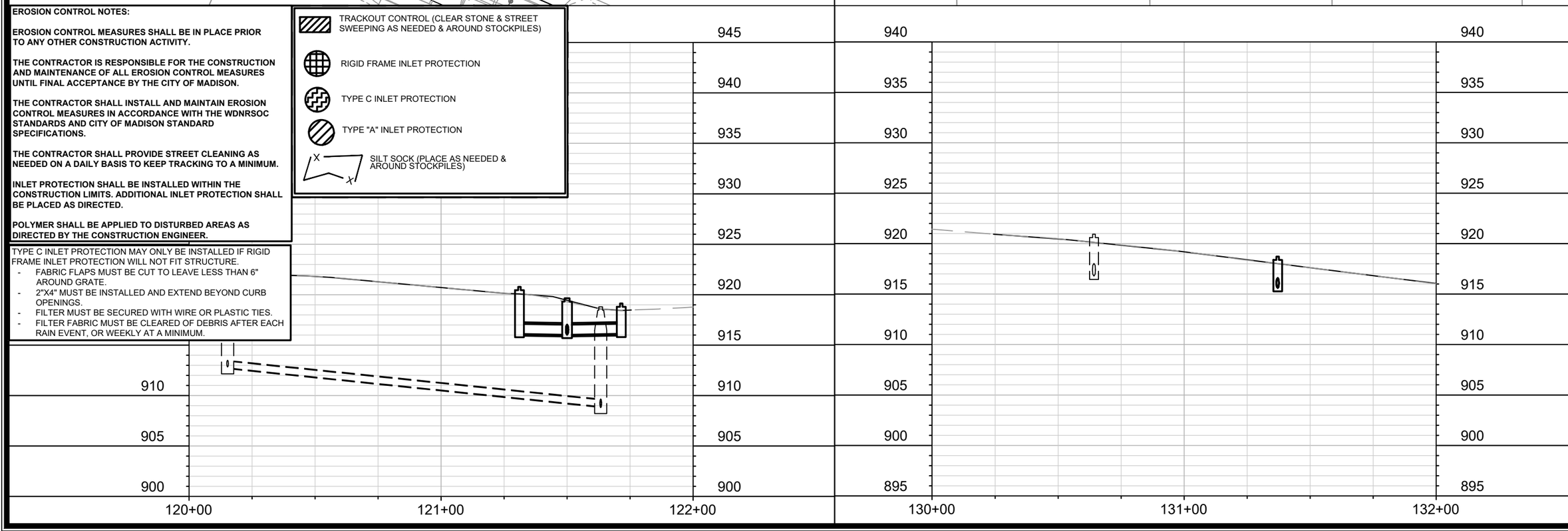
POLYMER SHALL BE APPLIED TO DISTURBED AREAS AS DIRECTED BY THE CONSTRUCTION ENGINEER.

- 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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MADISON, WI

CONTRACT NO: 8800

EROSION CONTROL PLAN - S SEGOE RD

SAFE STREETS 2025

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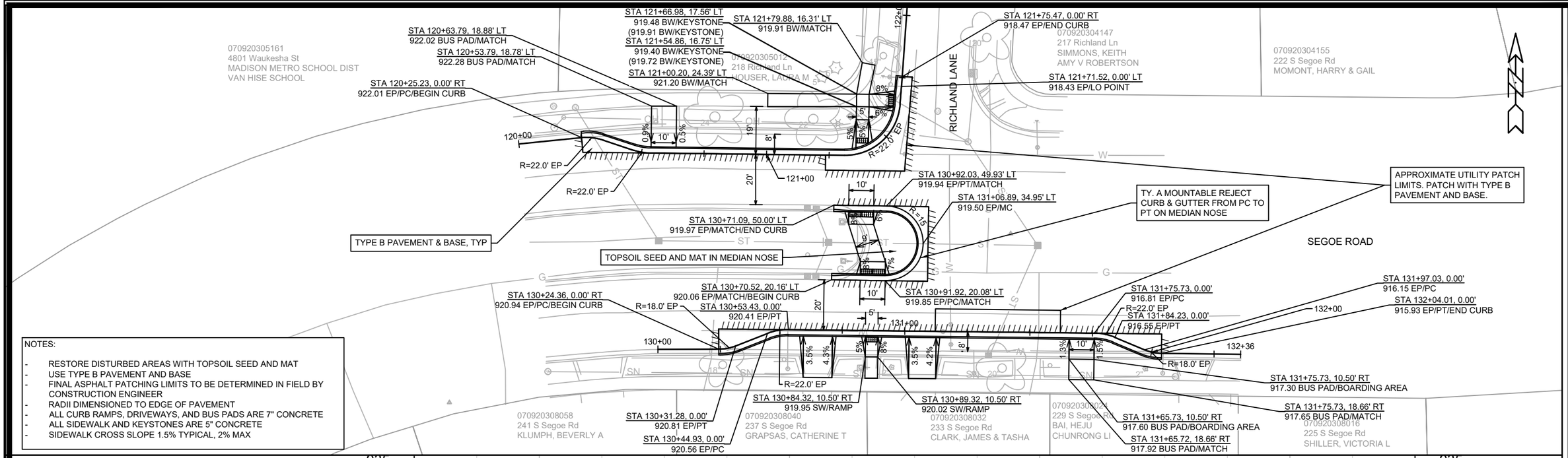
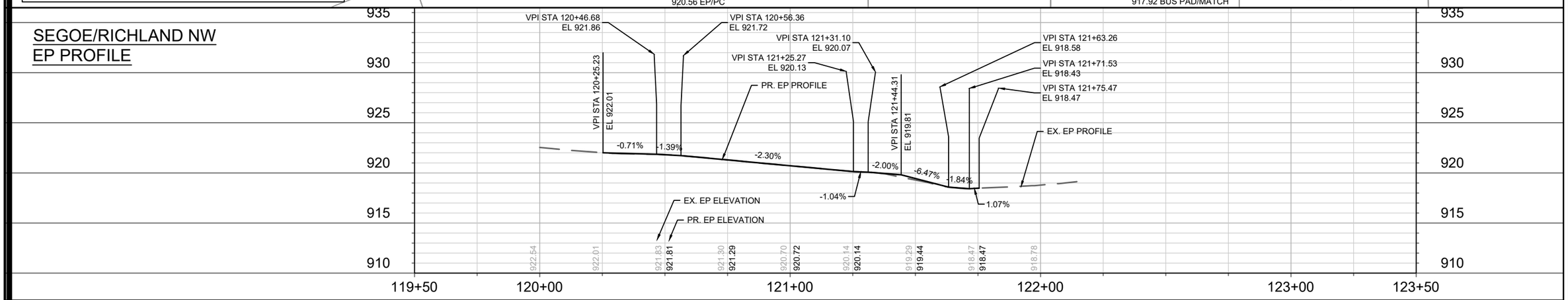


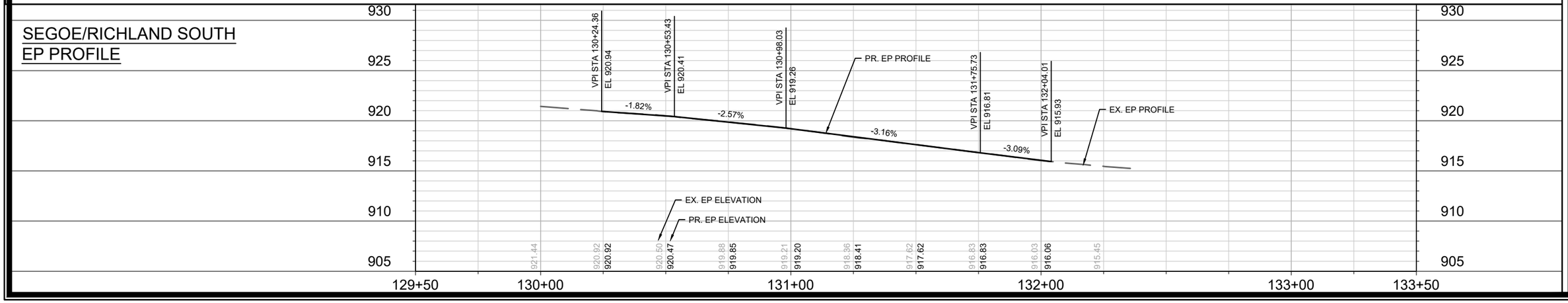
NOTES:

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

SEGOE/RICHLAND NW EP PROFILE



SEGOE/RICHLAND SOUTH EP PROFILE



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MADISON, WI

CONTRACT NO: 8800

SEGOE RICHLAND PLAN & PROFILE

SAFE STREETS 2025

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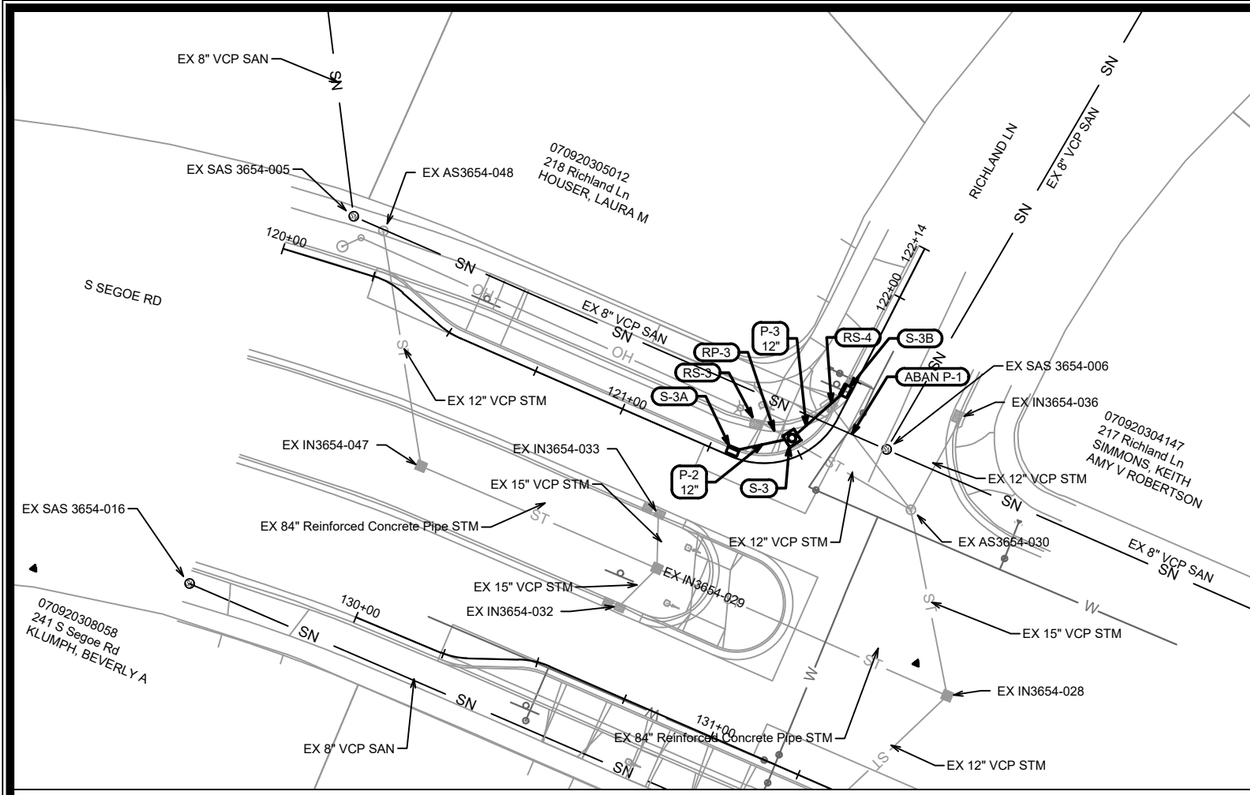

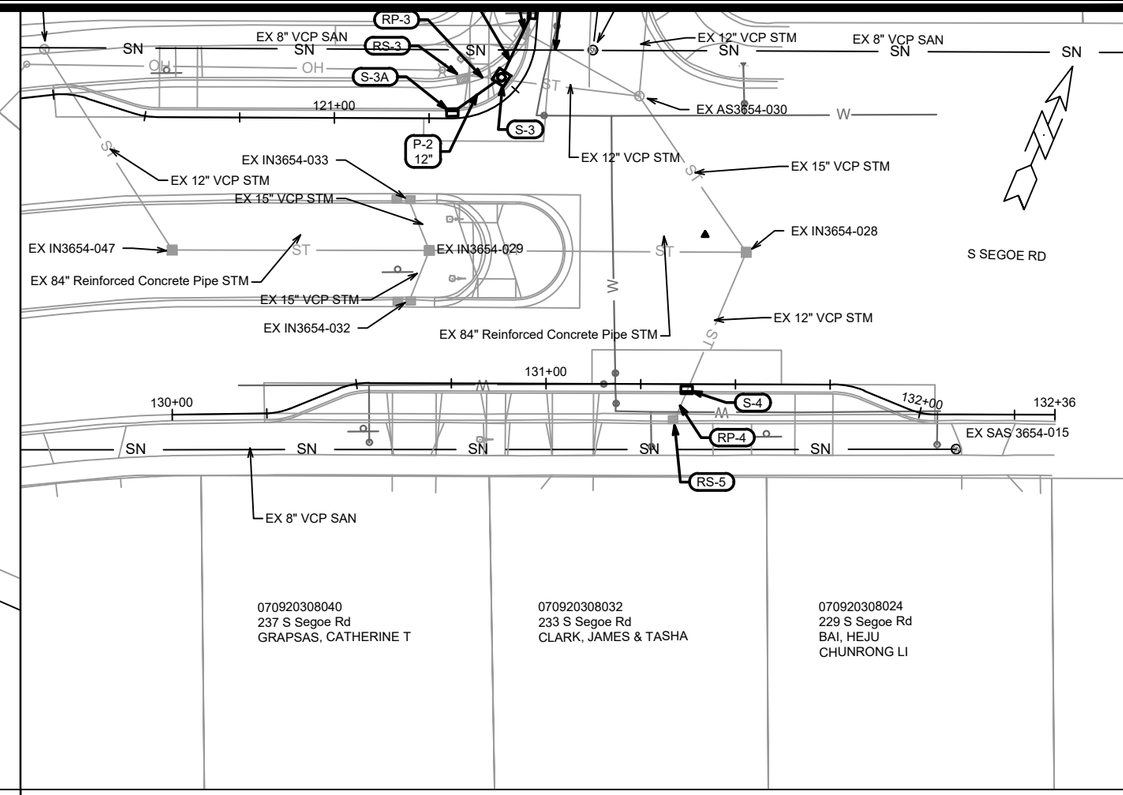

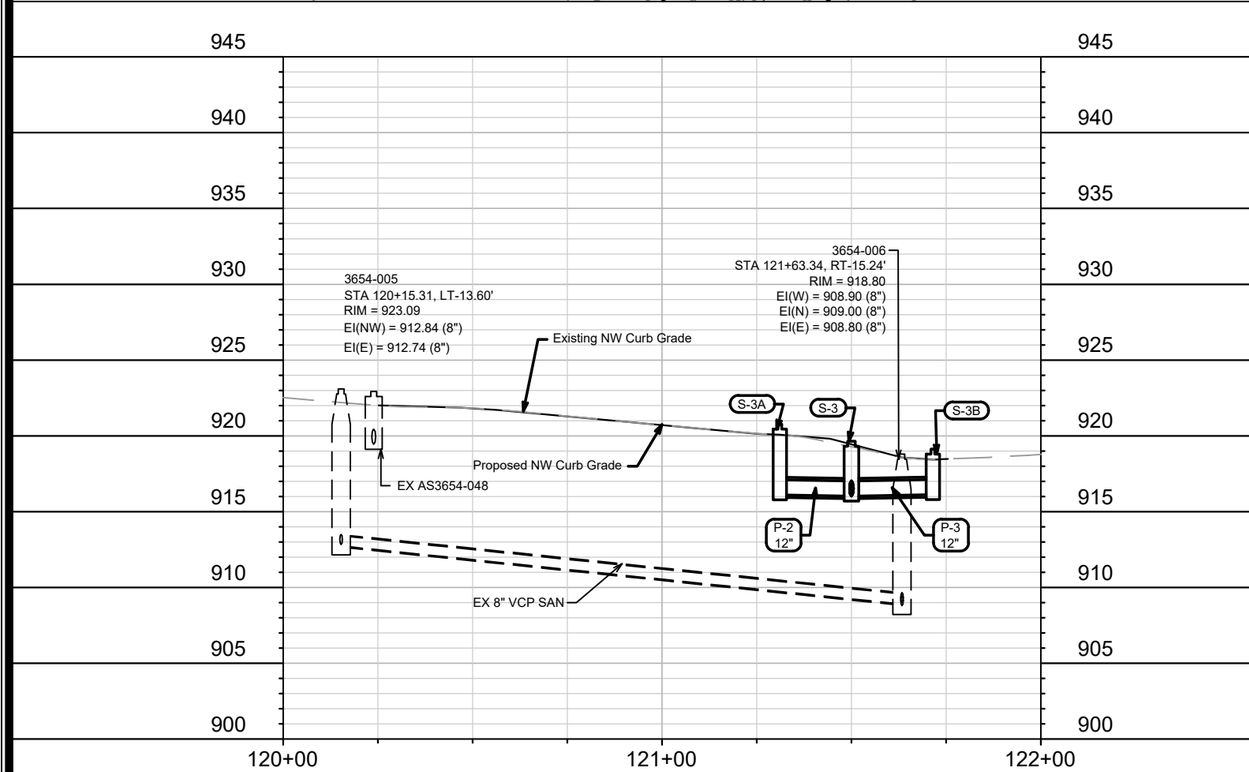

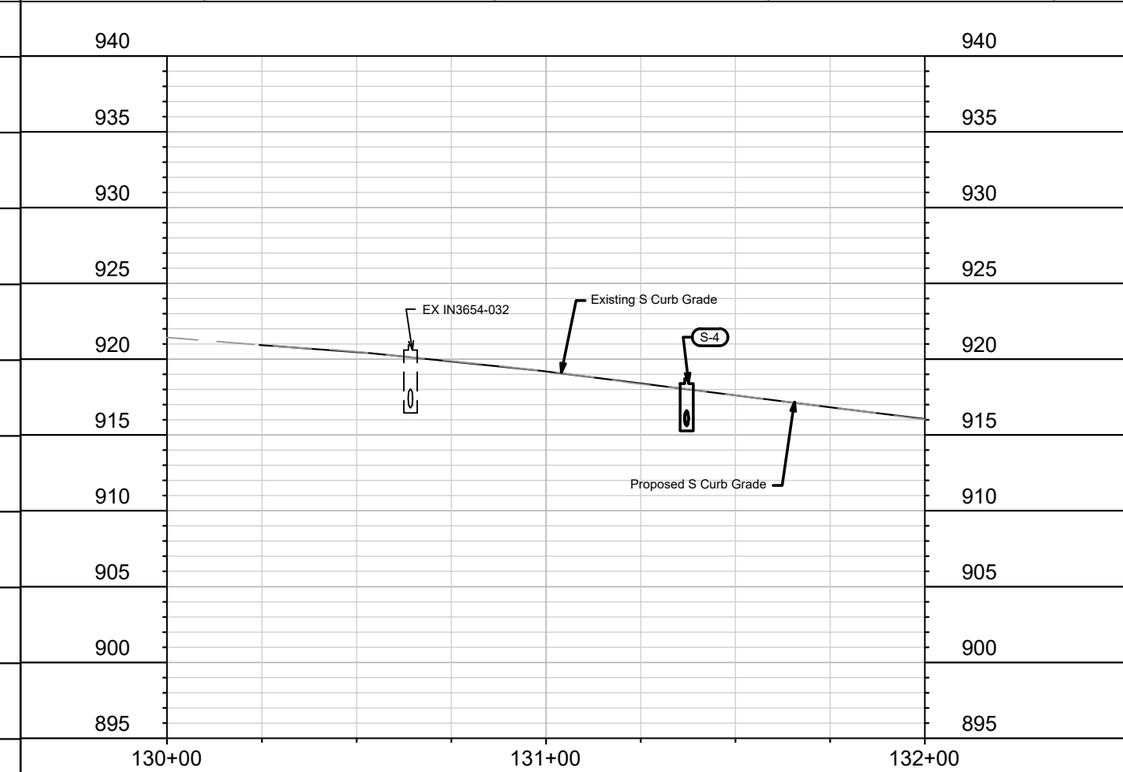

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MADISON, WI

8800

CONTRACT NO:

S SEGOE RD - UTILITY PLAN & PROFILE

SAFE STREETS 2025

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15200

SR-3

STORM SEWER SCHEDULE

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	919.64	916.03	3.61	FP; W/R-1550-0054[1]
S-3A	121+31.11	LT-1.53	H-INLET	920.77	916.11	4.66	W/R-3067-7004-V
S-3B	121+71.52	LT-1.50	H-INLET	919.13	916.12	3.01	LP; W/R-3067-7004-VB
S-4	131+37.14	RT-1.50	H-INLET	918.72	915.60	3.12	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"	TYPE II	

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.

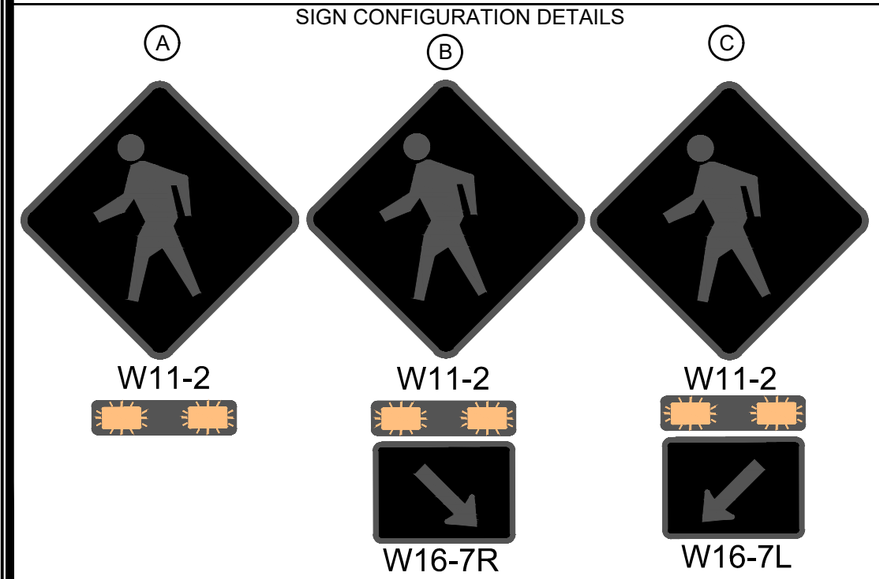
EX. 1
1. EXISTING BASE AND EQUIPMENT TO REMAIN.
2. CONTRACTOR MAY REMOVE SIGNAL POLE AND EQUIPMENT TO FACILITATE CONCRETE WORK.

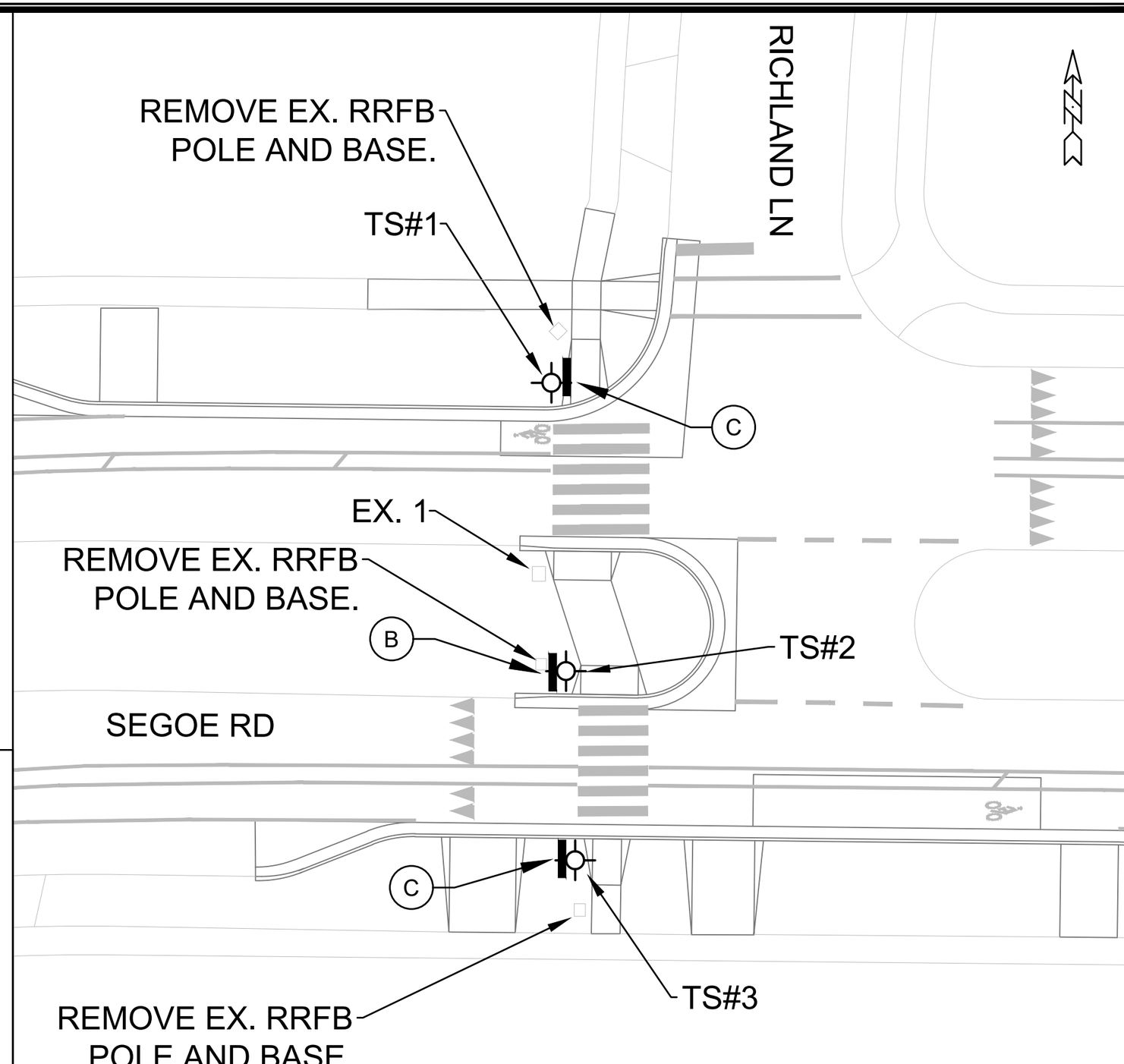
NOTES:
1. PAVEMENT MARKINGS BY OTHERS.
2. CONTRACTOR TO SALVAGE ALL RRFB EQUIPMENT AND REINSTALL IS POSSIBLE.
3. CONTRACTOR TO INSTALL CARMANAH SYSTEM OR EQUIVALENT IF REPLACEMENT PARTS ARE NECESSARY.
4. PROGRAM FLASH FOR 20 SECONDS.

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





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15200

CITY OF MADISON

CONTRACT NO: 8800

RRFB - SEGOE AND RICHLAND

SAFE STREETS 2025

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15200

SR-5

		60416	60417	60243	60424	90011	90013	90017	90038	90038	90040	90016	90020	
		FURNISH & INSTALL		REMOVE		FURNISH & INSTALL							FURNISH & INSTALL	
	STRUCTURE	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)	COMMENTS
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*	

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15200 | SR-6

15200

MADISON, WI

CONTRACT NO: 8800

SEGOE AND RICHLAND - MISC. QUANTITIES

SAFE STREETS 2025

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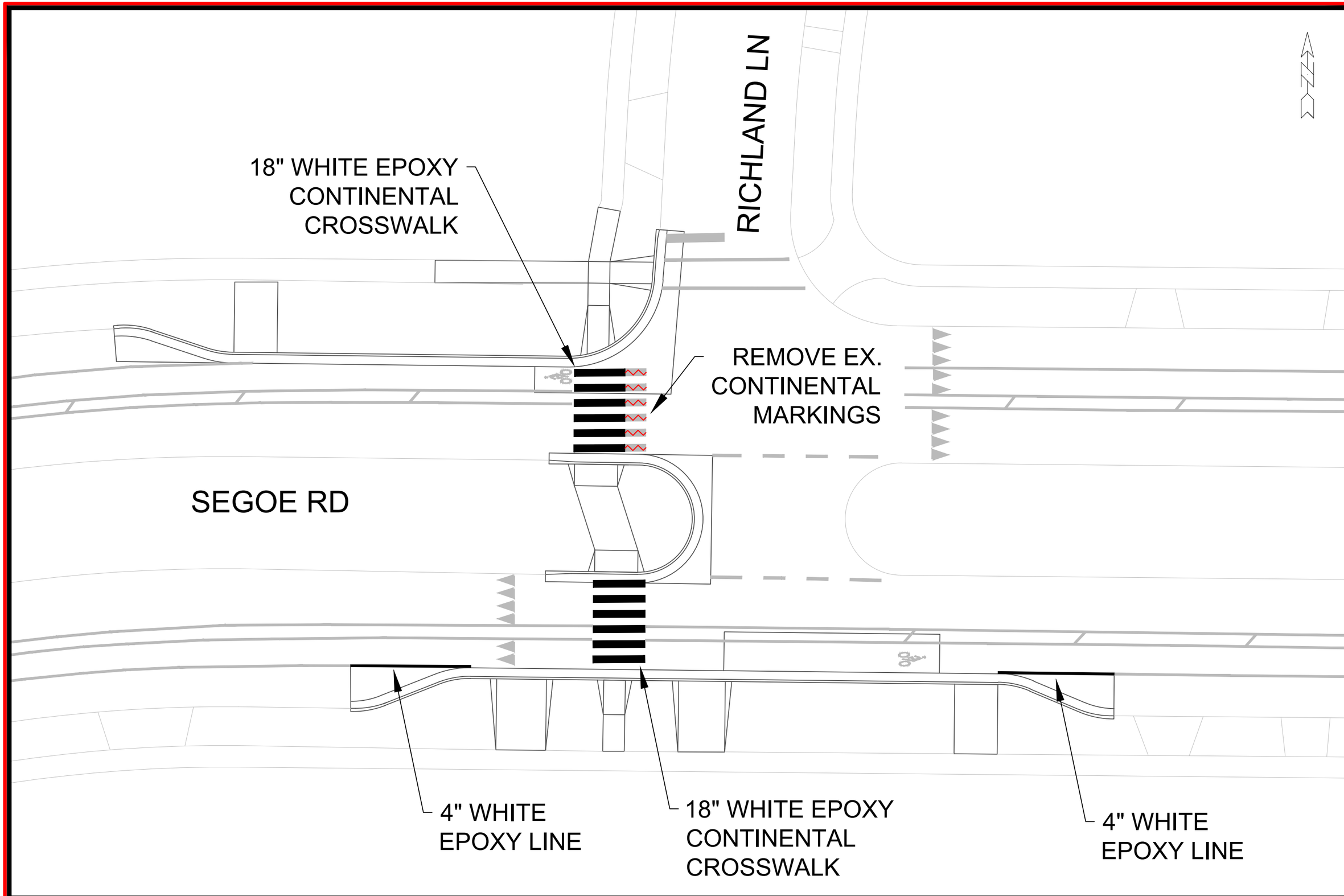
SR-6



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PAVEMENT MARKING PLAN - SEGOE AND RICHLAND

MADISON, WI

SAFE STREETS 2025

CONTRACT NO: 8800

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SR-7

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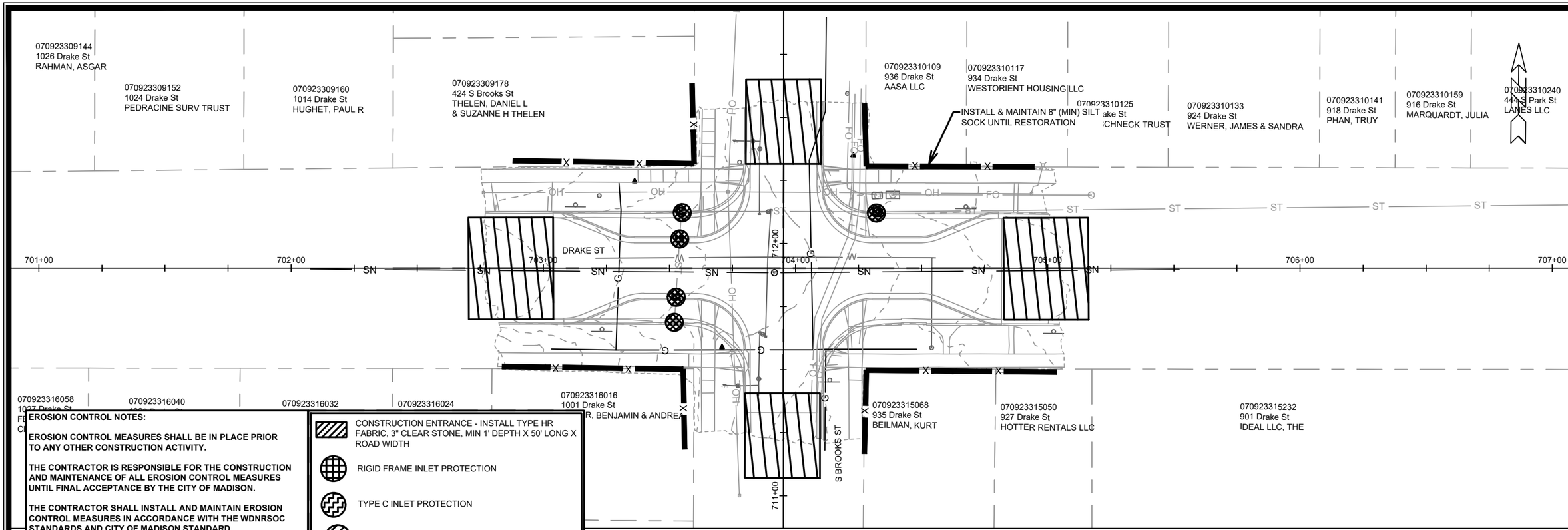


EROSION CONTROL NOTES:

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.

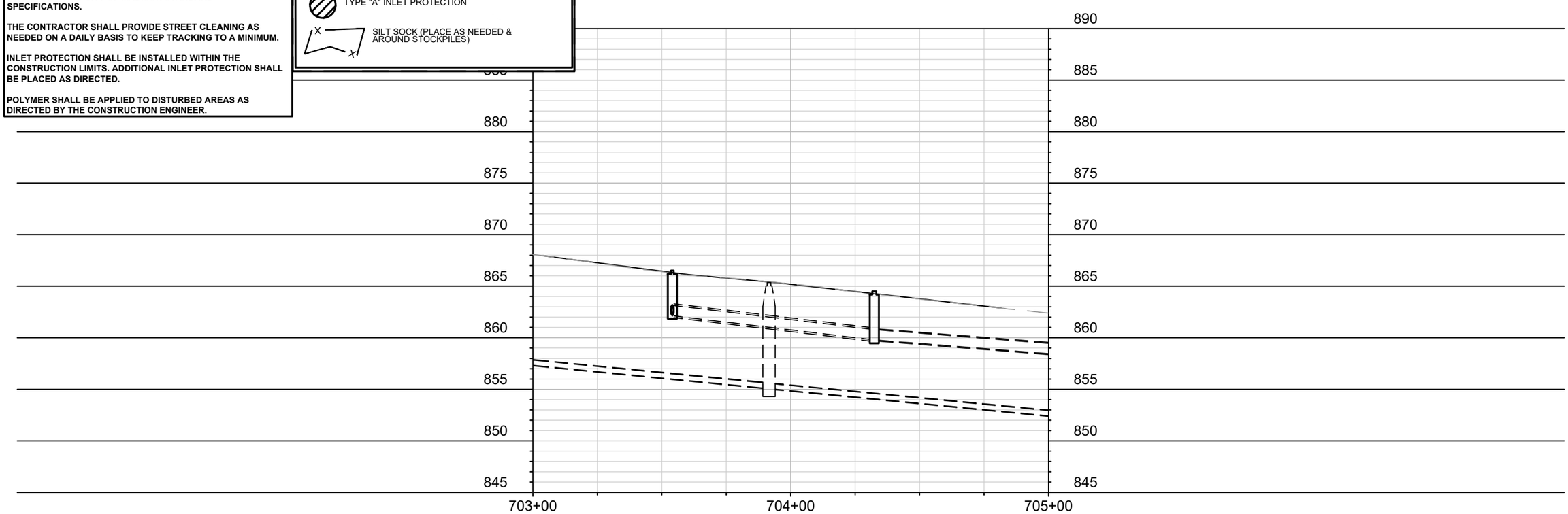
THE CONTRACTOR SHALL INSTALL AND MAINTAIN EROSION CONTROL MEASURES IN ACCORDANCE WITH THE WDNRSOC STANDARDS AND CITY OF MADISON STANDARD SPECIFICATIONS.

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.

- 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)



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MADISON, WI

8800

CONTRACT NO:

EROSION CONTROL PLAN - DRAKE ST

SAFE STREETS 2025

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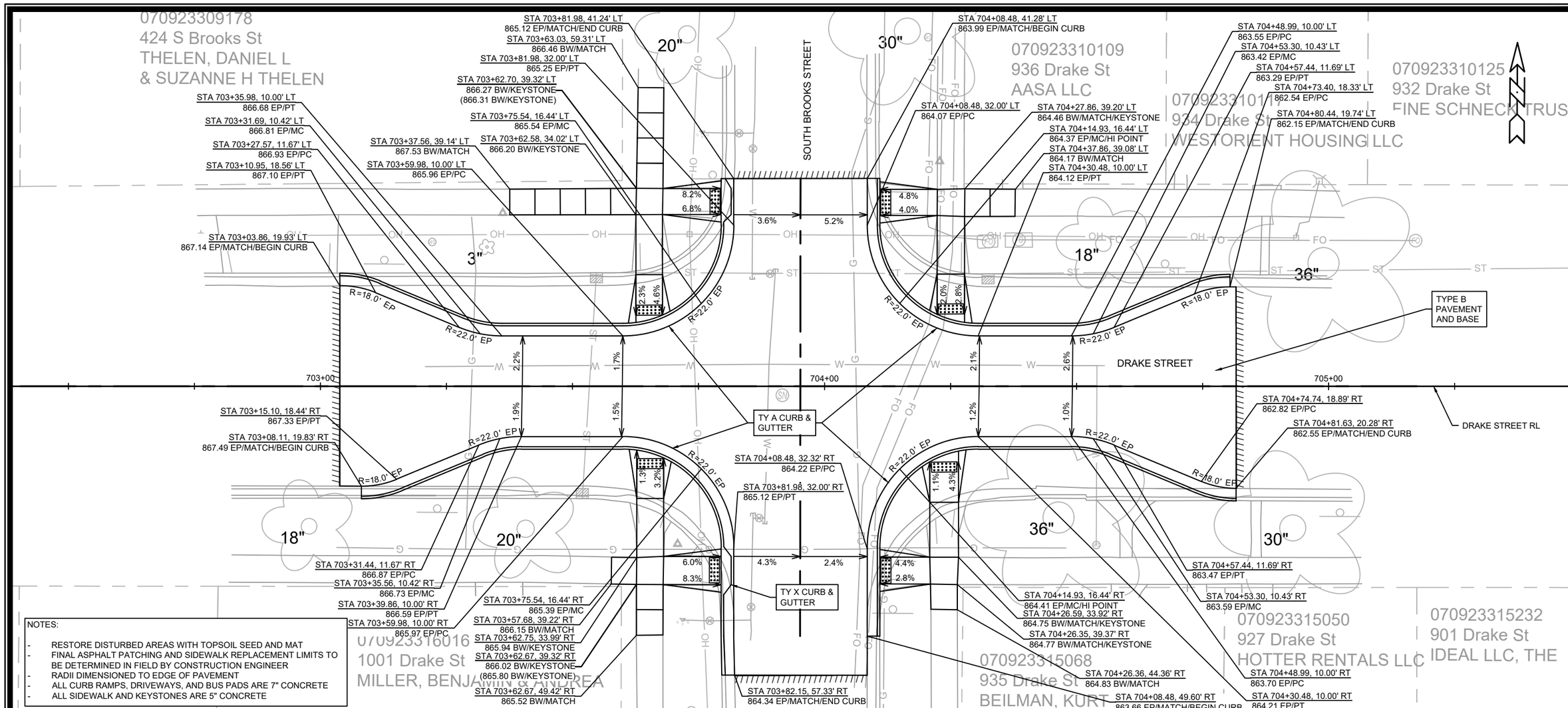
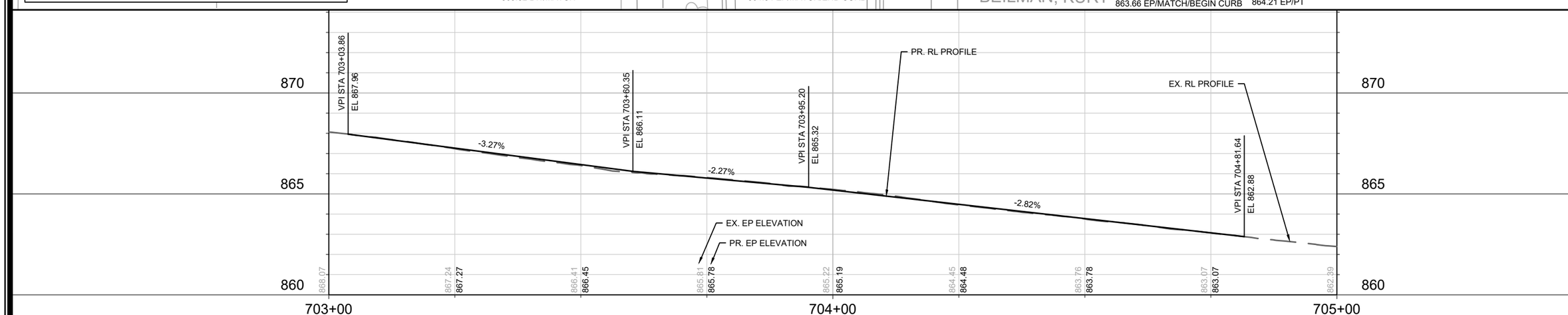


NOTES:

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



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MADISON, WI

CONTRACT NO: 8800

DRAKE BROOKS PLAN & PROFILE

SAFE STREETS 2025

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CITY OF MADISON WISCONSIN

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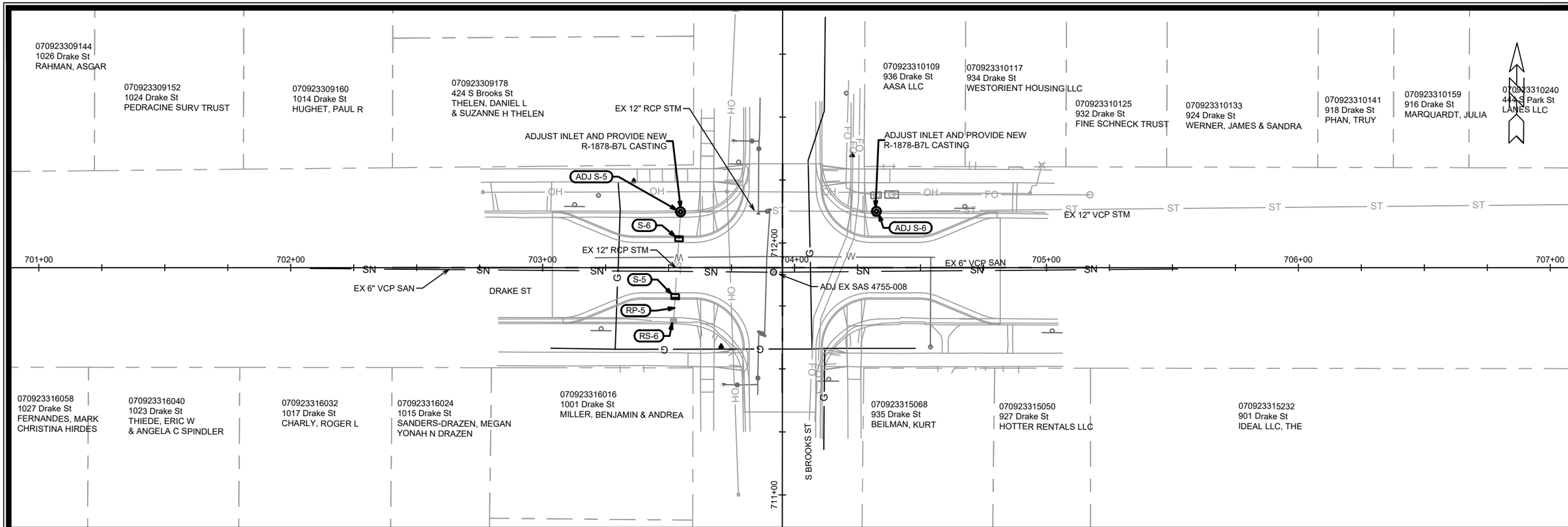
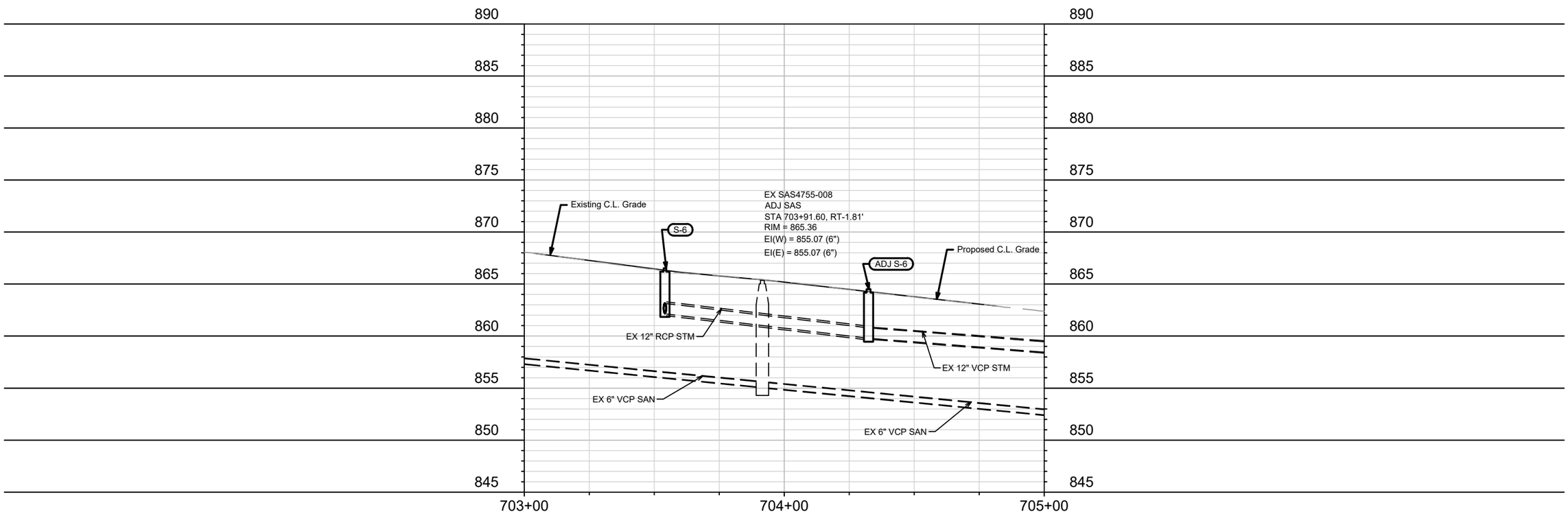
DB-2





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MADISON, WI

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CONTRACT NO:

DRAKE ST - UTILITY PLAN & PROFILE

SAFE STREETS 2025

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15200

DB-3

DB-3

SANITARY SEWER SCHEDULE

DRAKE AND BROOKS	SHEET NO.
PROJECT NO. 15200	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

STORM SEWER SCHEDULE

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	

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
DRAKE ST									
RP-5	S-6	RS-6	10	N	10	-	12"	RCP	

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]

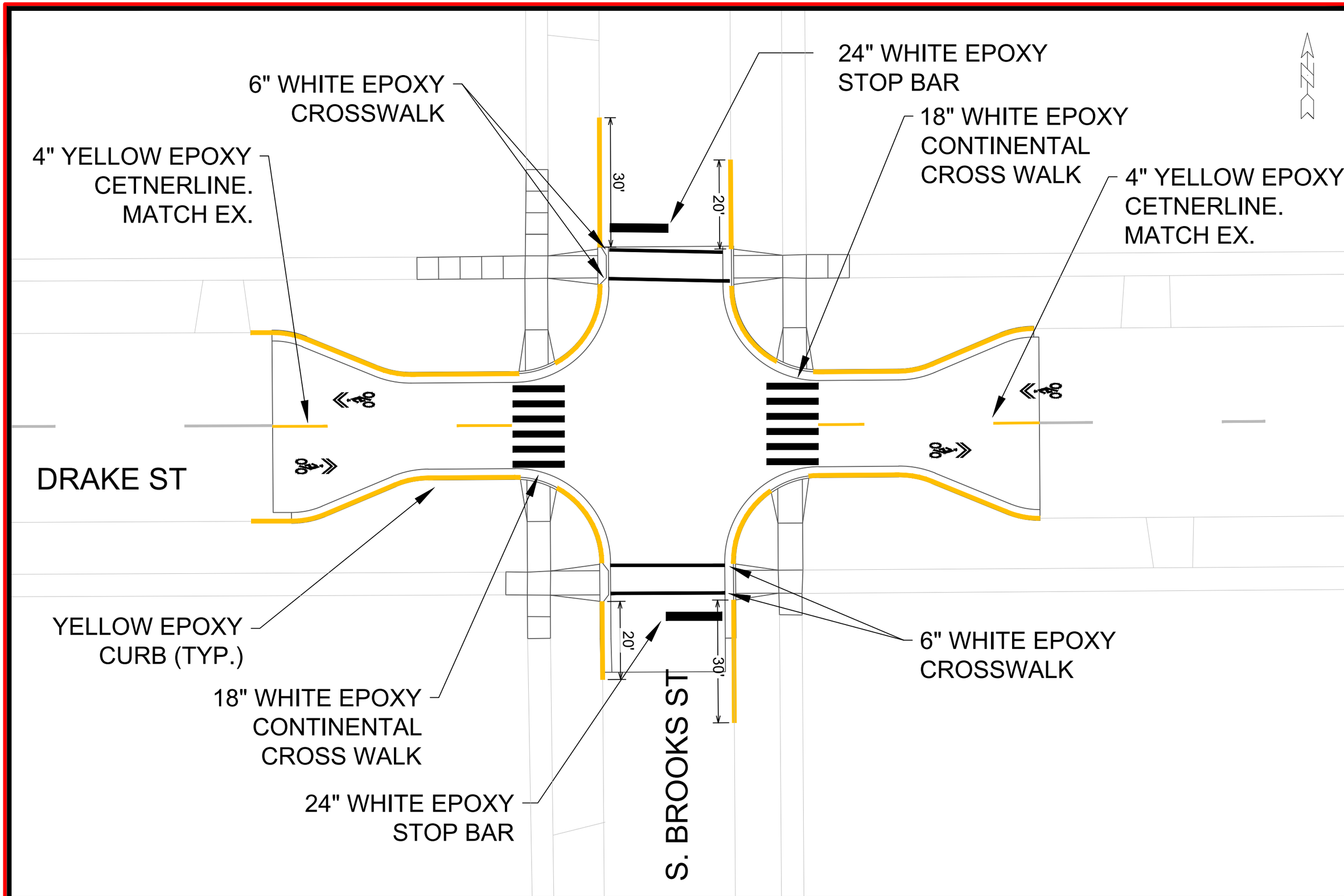
SPECIFIC NOTES

[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.



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MADISON, WI

8800

CONTRACT NO:

PAVEMENT MARKING PLAN - DRAKE AND BROOKS

SAFE STREETS 2025

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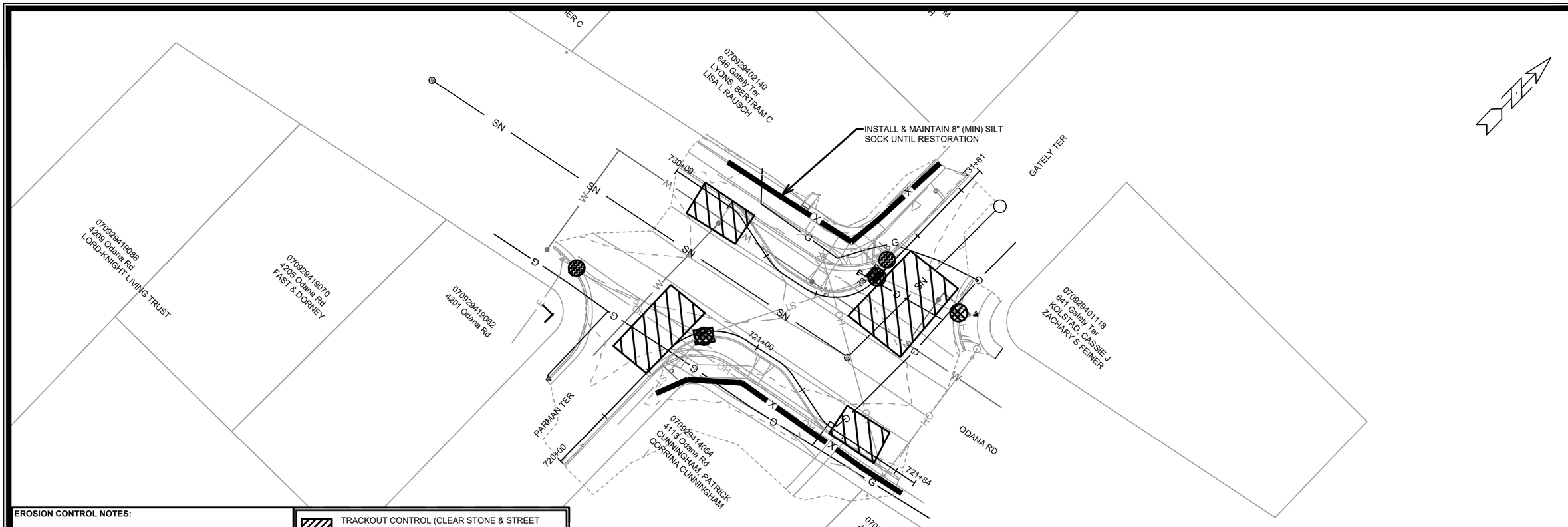

EROSION CONTROL NOTES:

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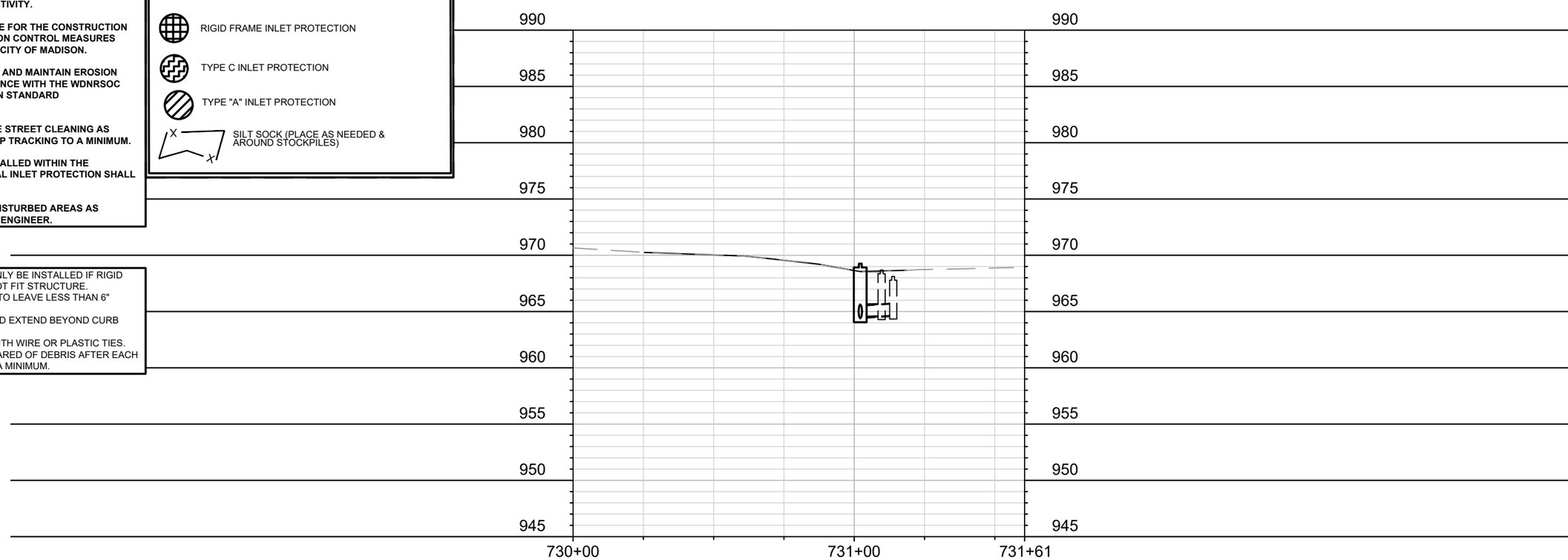
INLET PROTECTION SHALL BE INSTALLED WITHIN THE CONSTRUCTION LIMITS. ADDITIONAL INLET PROTECTION SHALL BE PLACED AS DIRECTED.

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

15200

MADISON, WI

8800

CONTRACT NO:

EROSION CONTROL PLAN - ODANA RD

SAFE STREETS 2025

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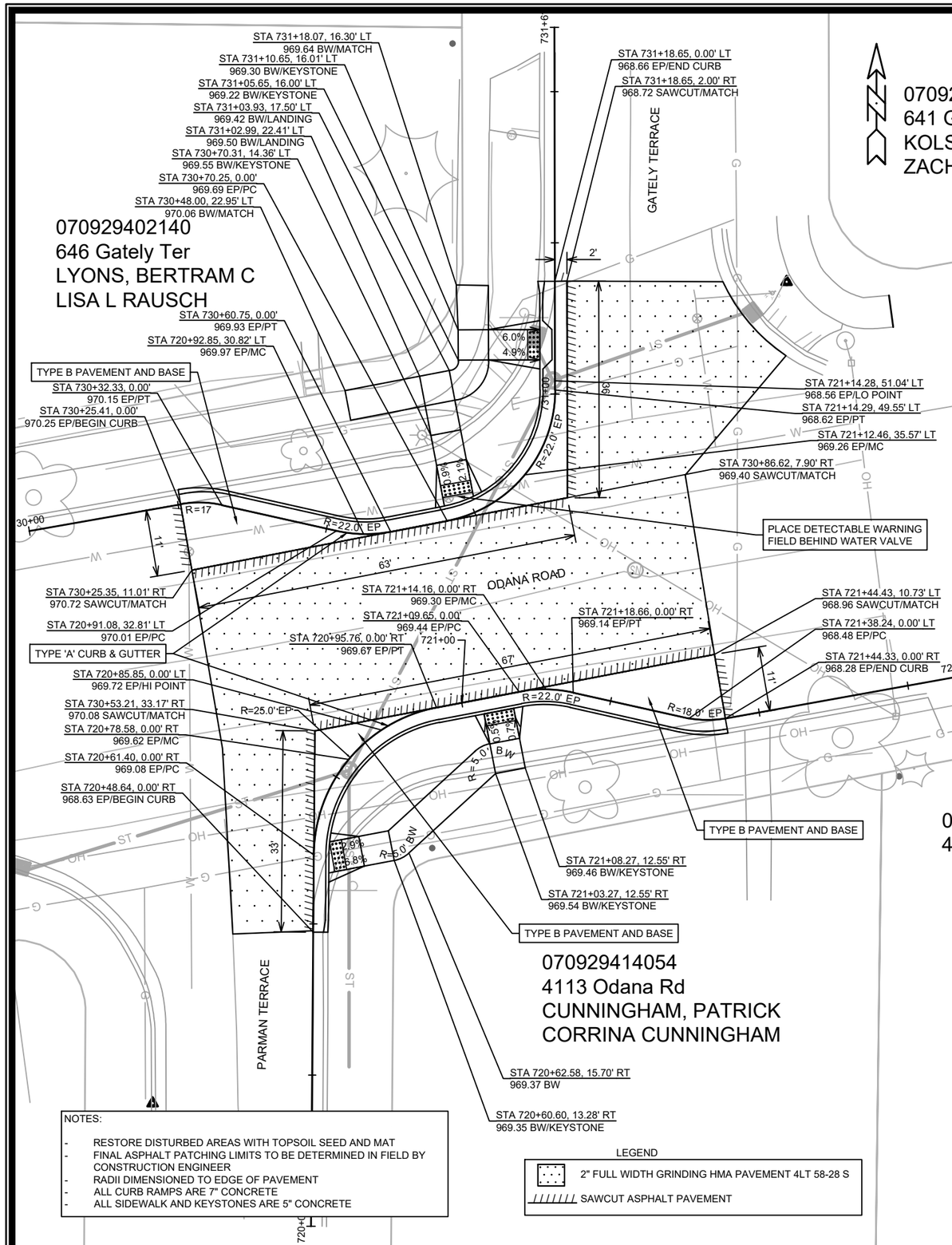
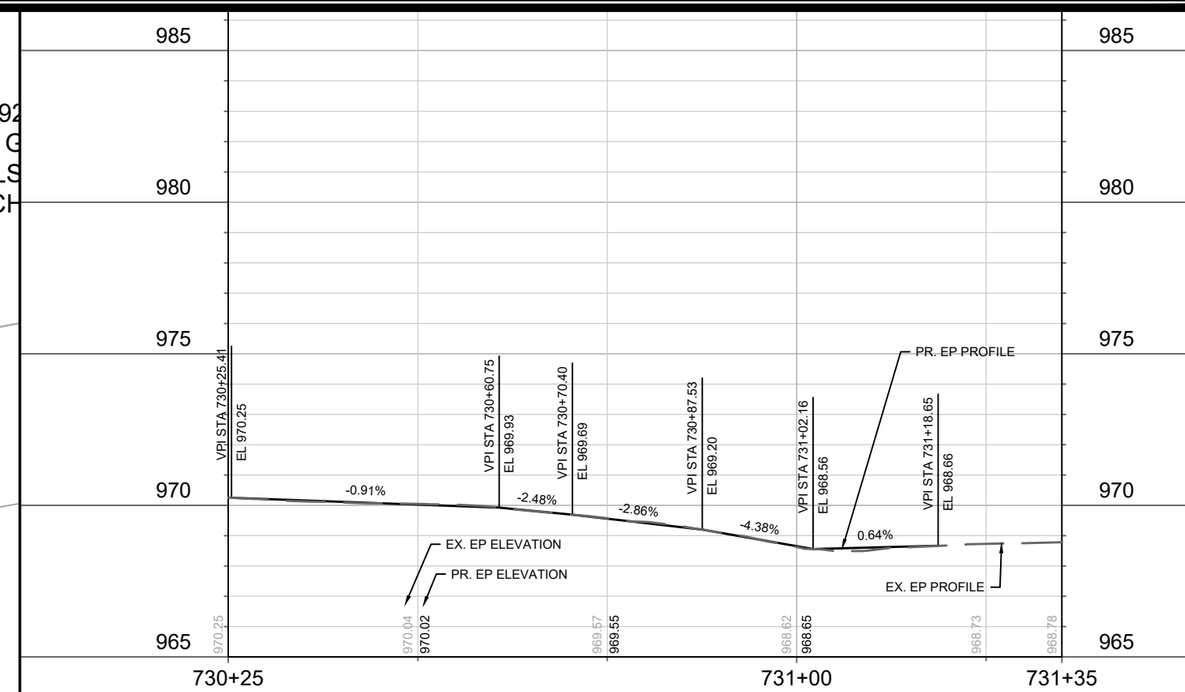
15200

OD-1

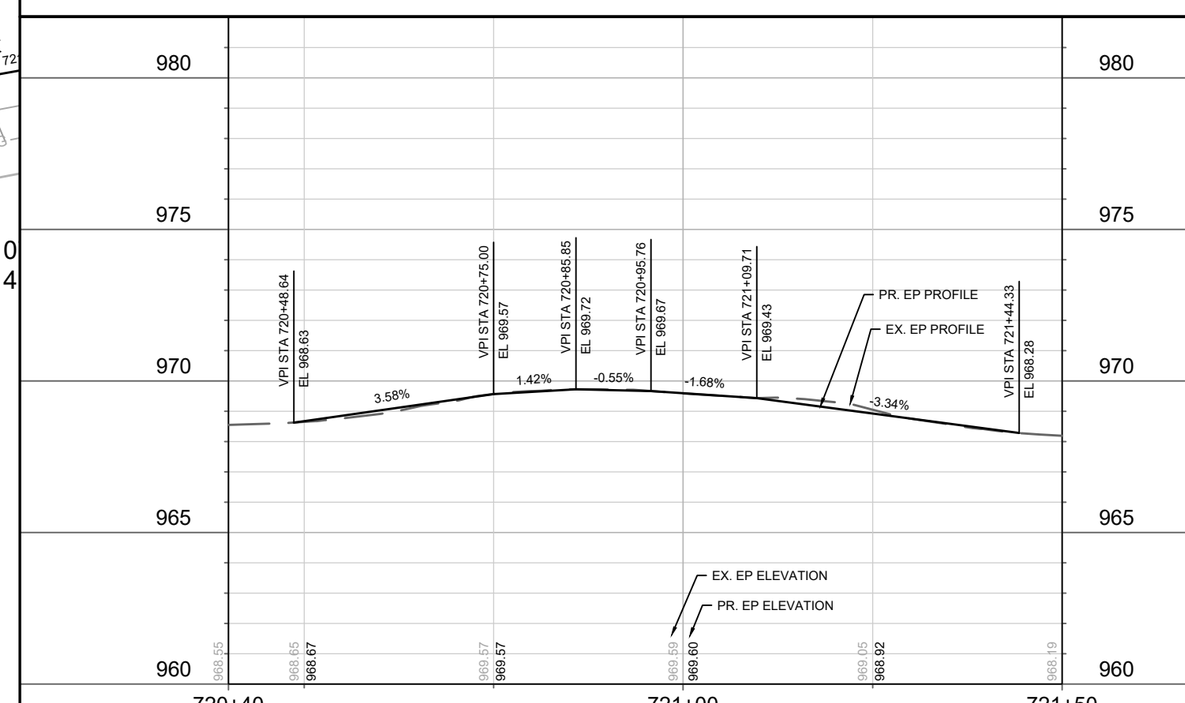


NOTES:

- 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



ODANA/GATELY EP PROFILE



ODANA/PARMAN EP PROFILE

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15200 | OD-2

MADISON, WI

CONTRACT NO: 8800

ODANA PARMAN GATELY PLAN & PROFILE

SAFE STREETS 2025

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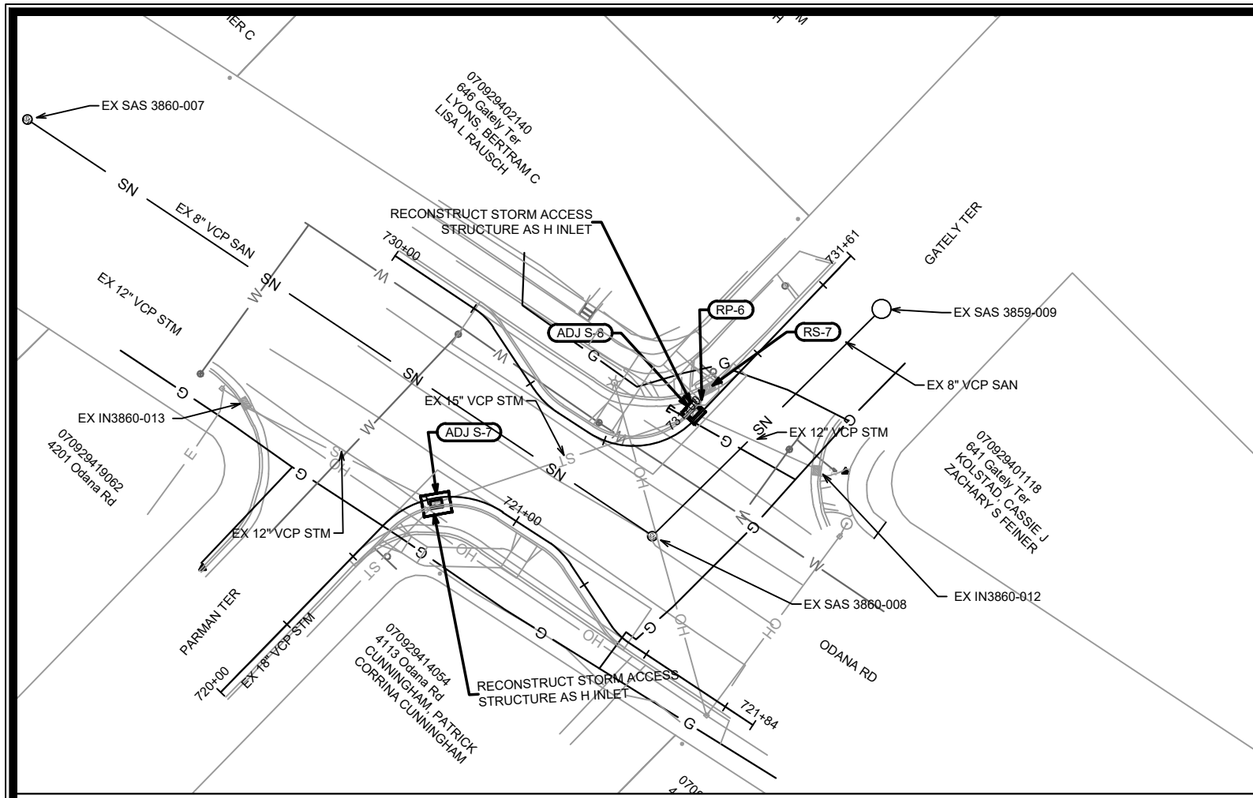
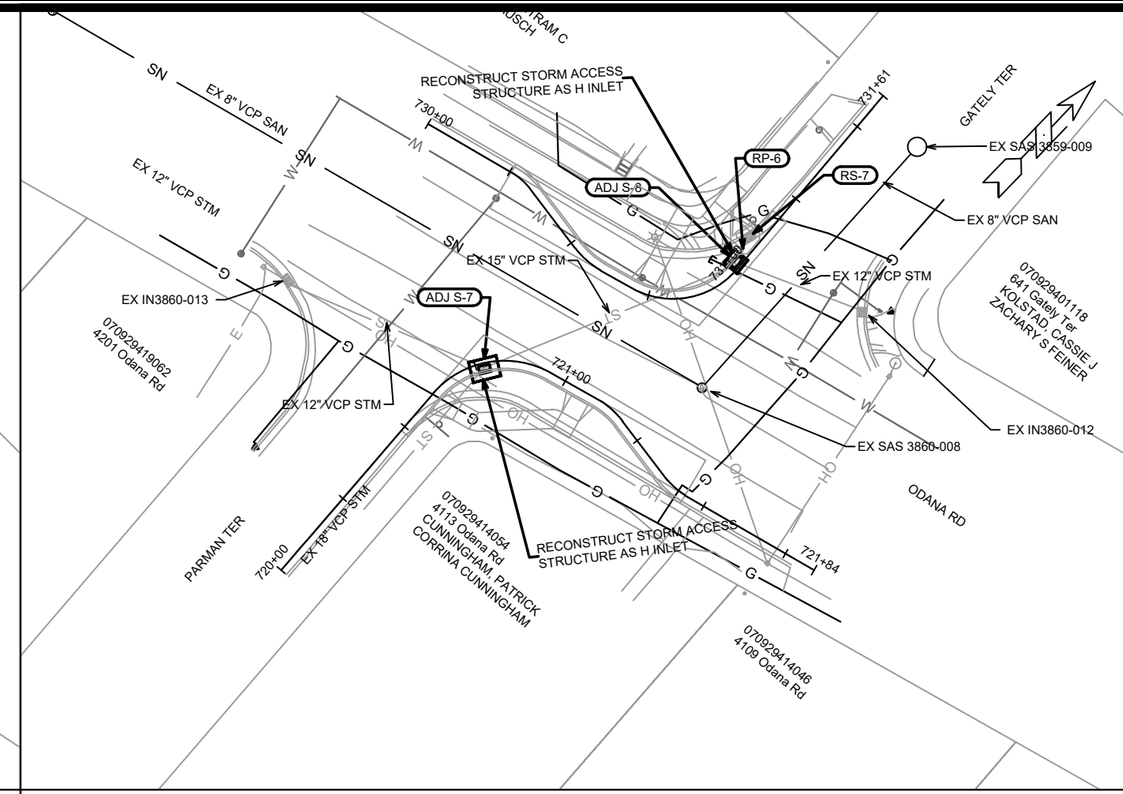
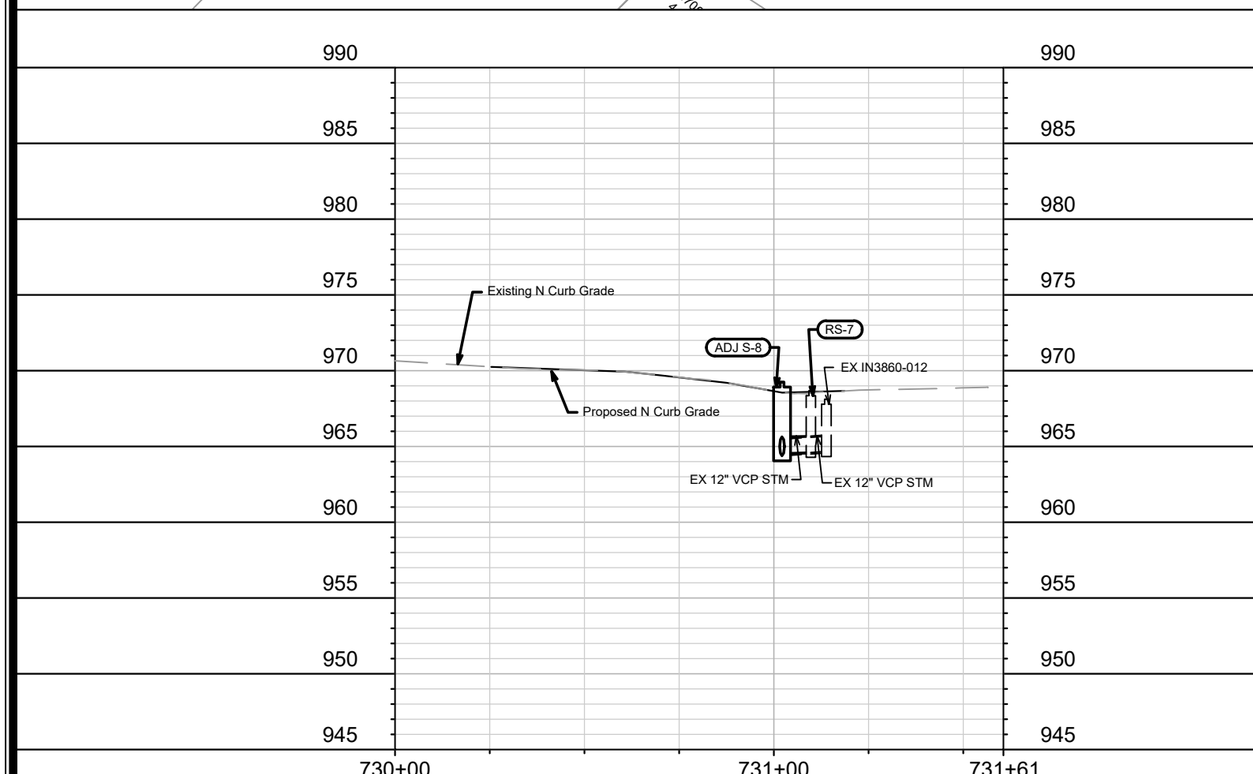
CITY OF MADISON WISCONSIN

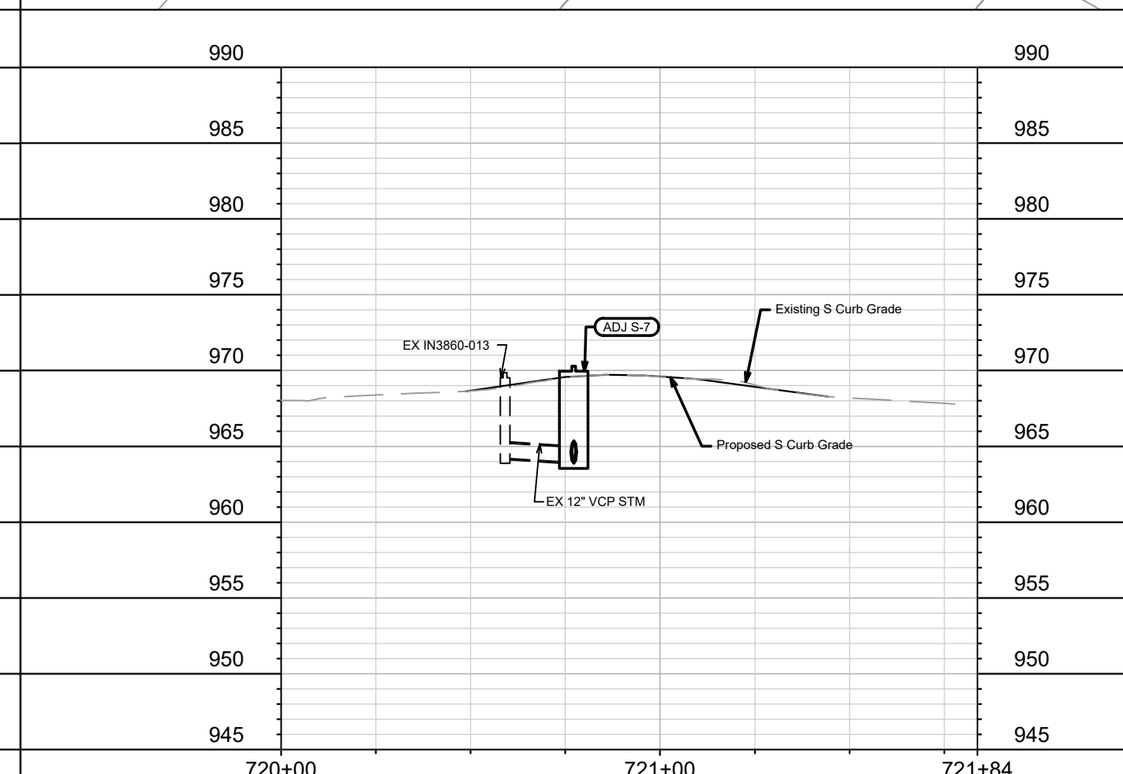
15200

OD-2









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OD-3

15200

MADISON, WI

CONTRACT NO: 8800

ODANA RD - UTILITY PLAN & PROFILE

SAFE STREETS 2025

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15200

OD-3

STORM SEWER SCHEDULE

ODANA GATELY PARMAN	SHEET NO.
PROJECT NO. 15200	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	

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	

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

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.

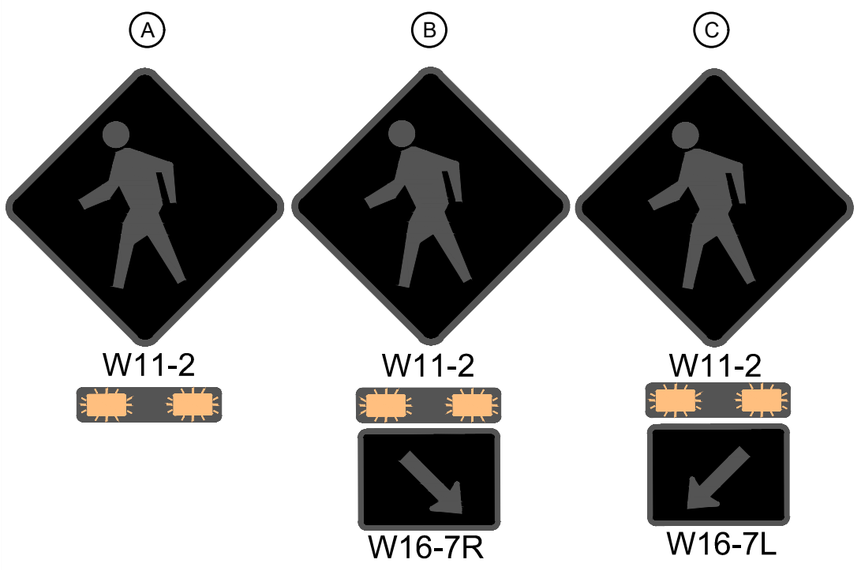
TS #2
1. INSTALL BID ITEM 90042 - SOLAR-POWERED RECTANGULAR RAPID FLASHING BEACON - POST MOUNTED SYSTEM.
2. INSTALL POLE 2' OFF EDGE OF PEDESTRIAN RAMP.

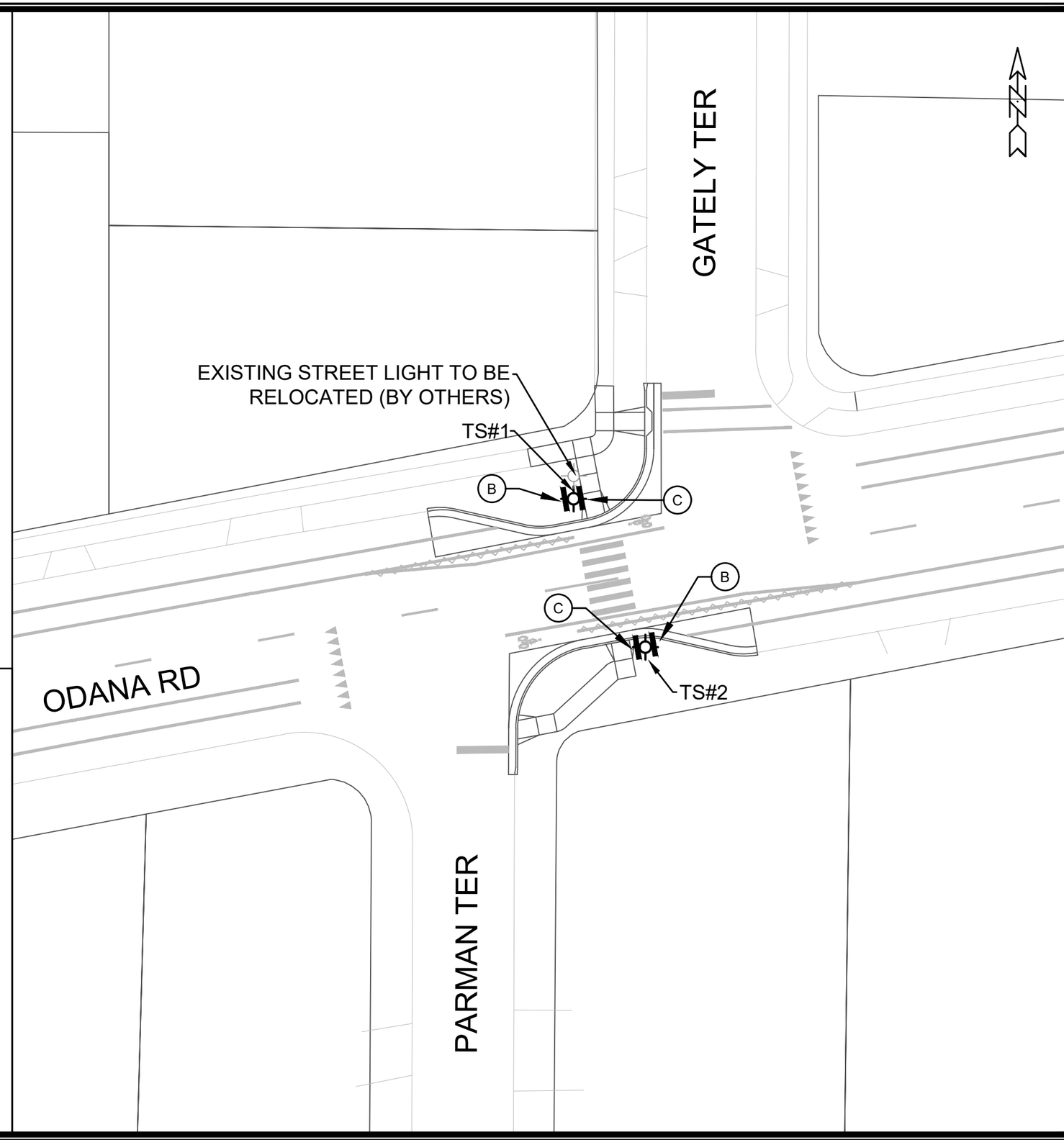
NOTES:
1. PAVEMENT MARKINGS BY OTHERS.
2. FLASH TIME TO BE SET AT 10 SECONDS.

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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Designed By: LMC | Date: 2/26/2025 8:34 AM | Scale: 1" = 30'

15200

CITY OF MADISON

CONTRACT NO: 8800

RRFB ODANA RD AND PARMAN/GATELY TER

SAFE STREETS 2025

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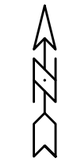
15200

OD-5

		60416	60417	60243	60424	90011	90013	90017	90038	90038	90040	90016	90020	
		FURNISH & INSTALL		REMOVE		FURNISH & INSTALL							FURNISH & INSTALL	
	STRUCTURE	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)	COMMENTS
ODANA AND PARMAN	TS1	-	-	-	-	-	-	-	-	-	-	-	1	
	TS2	-	-	-	-	-	-	-	-	-	-	-	-	
SUBTOTAL													*1*	



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15200

MADISON, WI

CONTRACT NO: 8800

OD-6

RRFB - ODANA AND PARMAN - MISC. QUANTITIES

SAFE STREETS 2025

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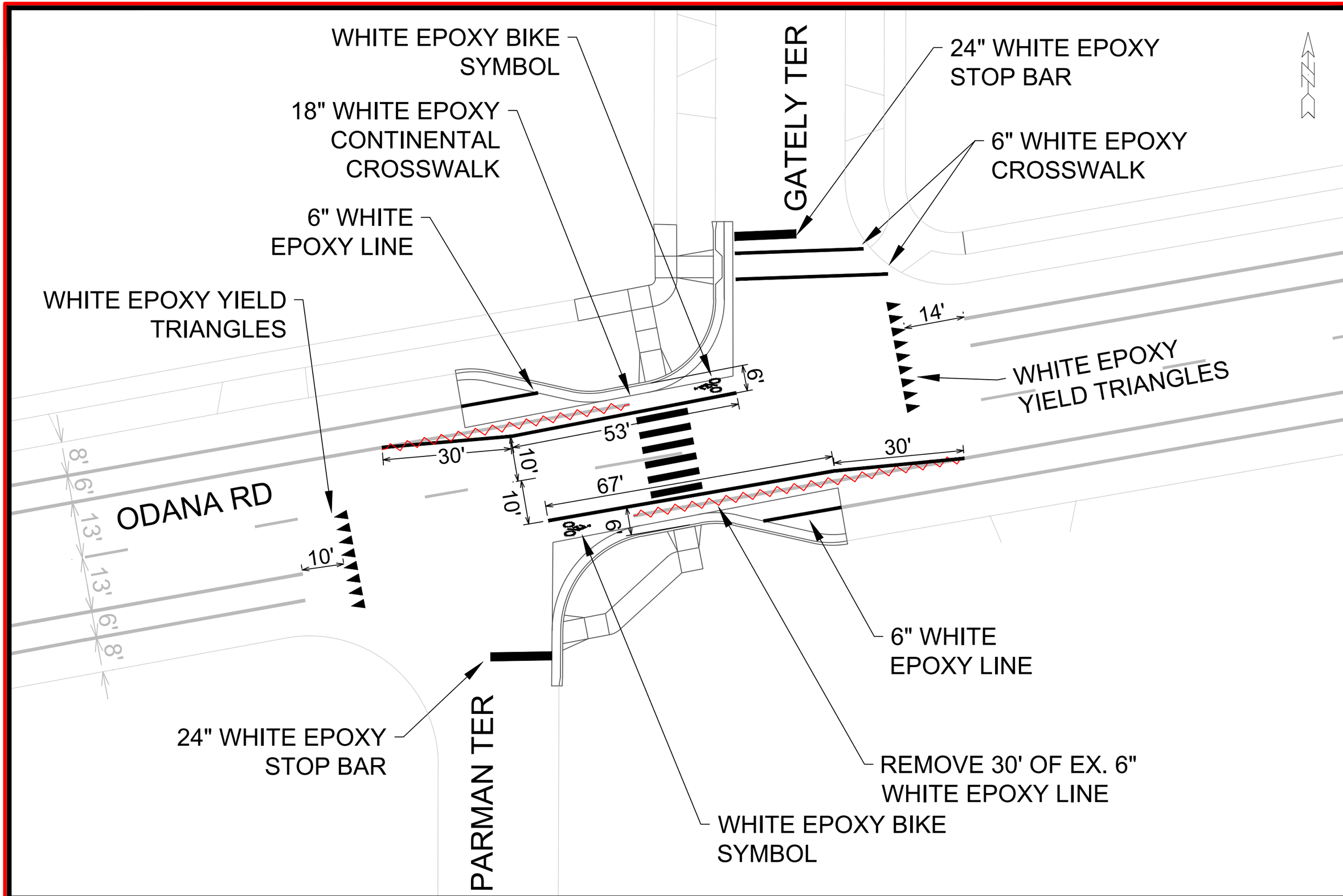
CITY OF MADISON WISCONSIN

15200

OD-6



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15200 | OD-7

15200

PAVEMENT MARKING PLAN - ODANA AND PARAM - GATELY

SAFE STREETS 2025

MADISON, WI

CONTRACT NO: 8800

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CITY OF MADISON WISCONSIN

15200

OD-7

EROSION CONTROL NOTES:

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

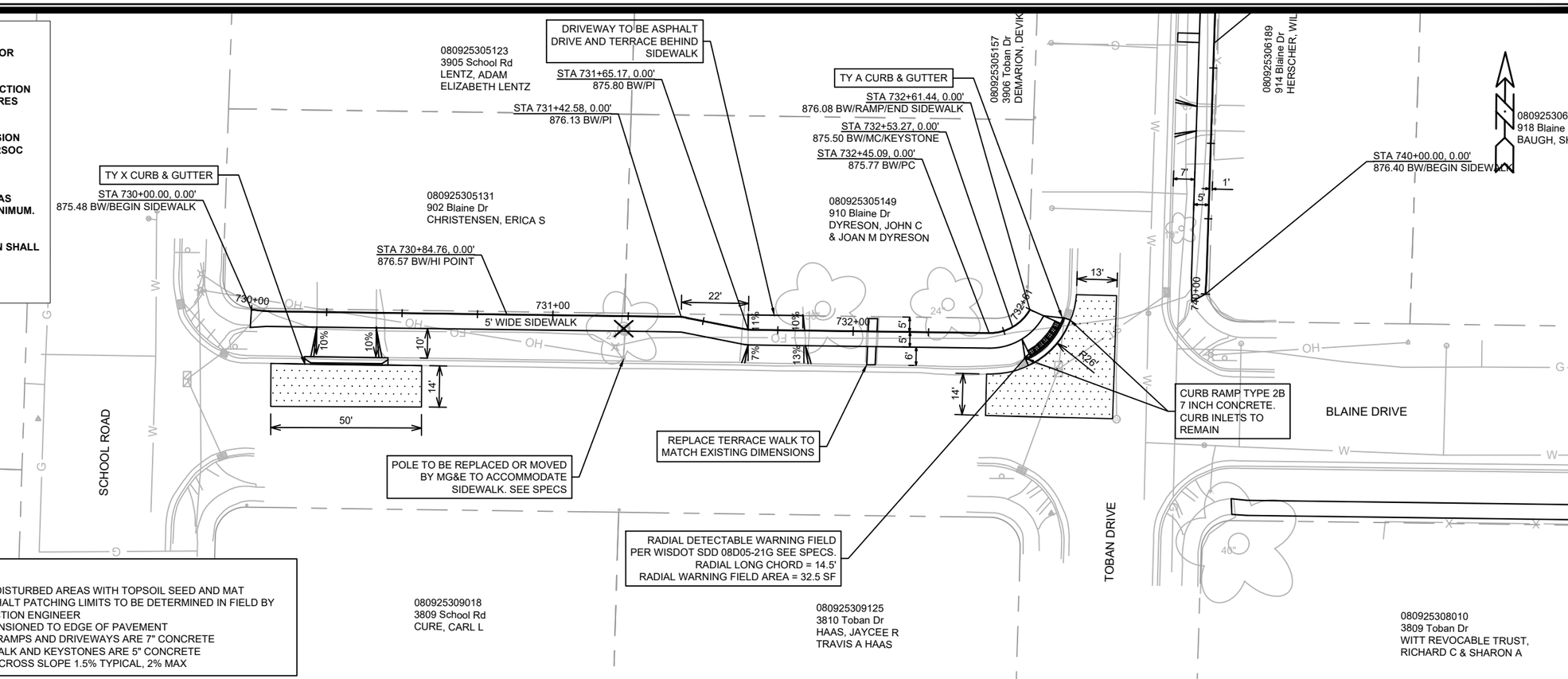
THE CONTRACTOR IS RESPONSIBLE FOR THE CONSTRUCTION AND MAINTENANCE OF ALL EROSION CONTROL MEASURES UNTIL FINAL ACCEPTANCE BY THE CITY OF MADISON.

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.



LEGEND

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

NOTES:

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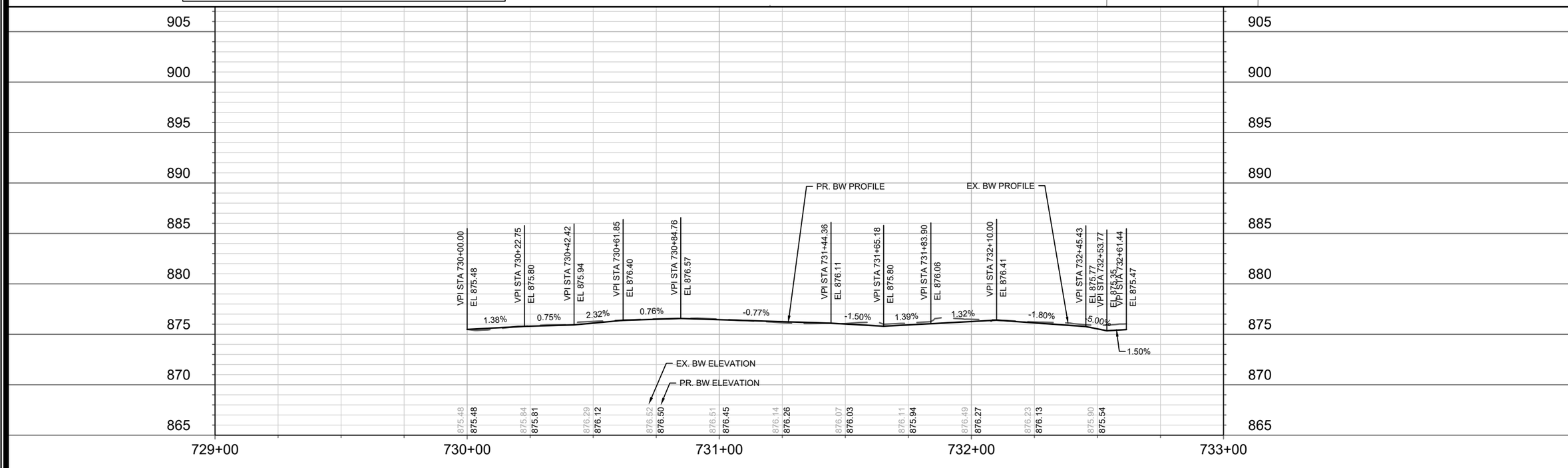
- ALL CURB RAMPS AND DRIVEWAYS ARE 7" CONCRETE
- ALL SIDEWALK AND KEYSTONES ARE 5" CONCRETE
- SIDEWALK CROSS SLOPE 1.5% TYPICAL, 2% MAX



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15200 | BT-1

15200

MADISON, WI

8800

CONTRACT NO:

BLAINE SIDEWALK PLAN & PROFILE

SAFE STREETS 2025

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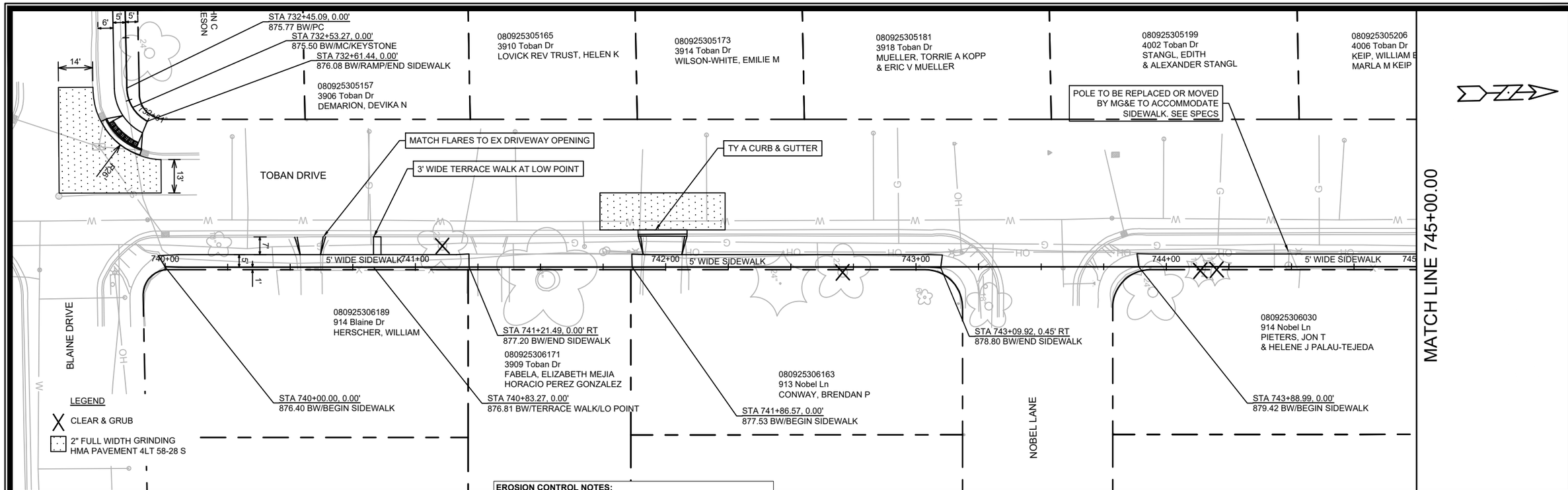
15200

BT-1



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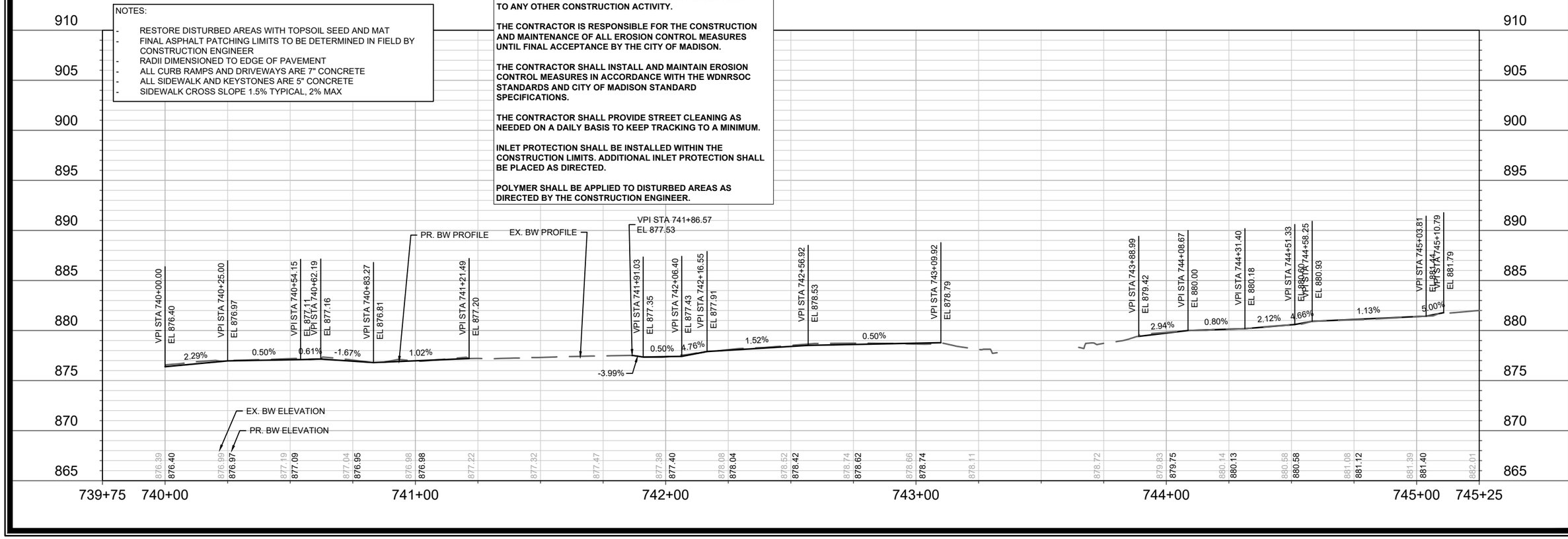

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15200 | BT-2

15200

MADISON, WI

8800

CONTRACT NO:

TOBAN SIDEWALK PLAN & PROFILE

SAFE STREETS 2025

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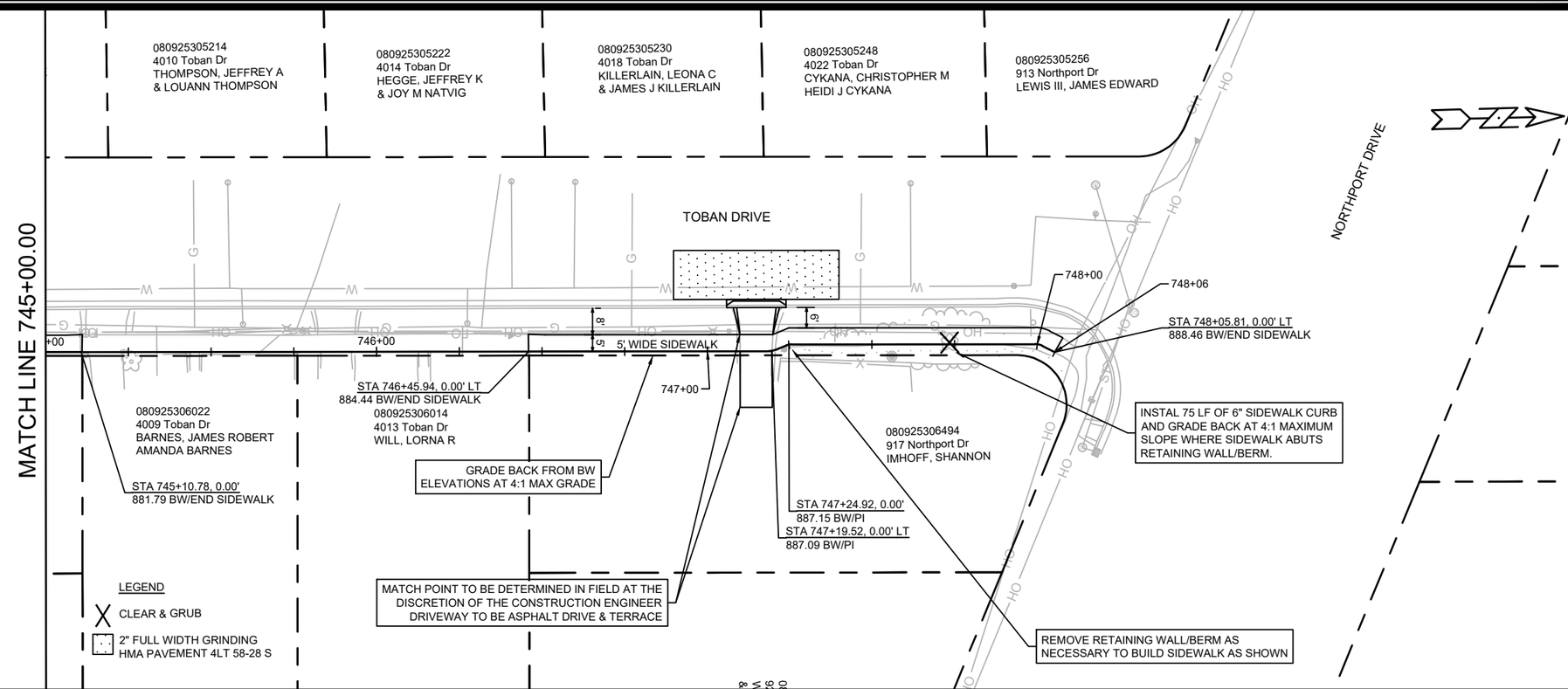
15200

BT-2



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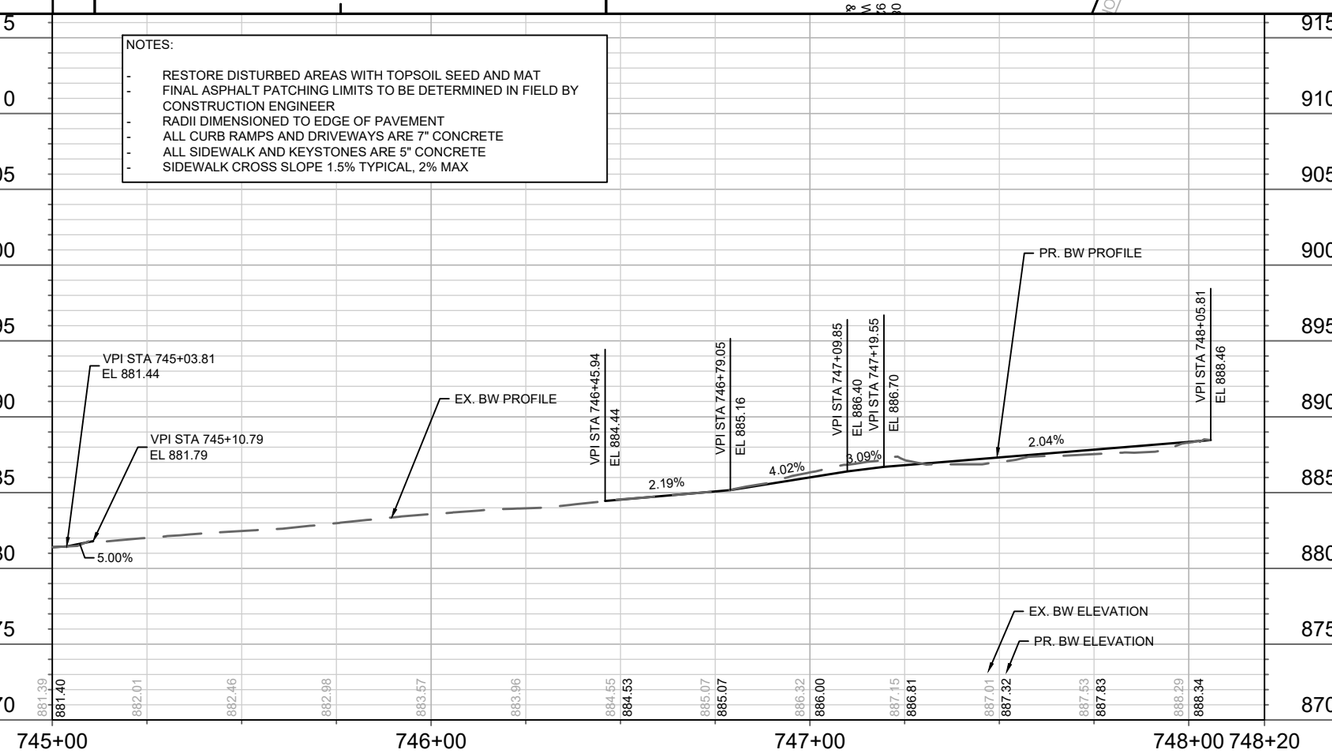

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15200 | BT-3

15200

MADISON, WI

CONTRACT NO: 8800

TOBAN SIDEWALK PLAN & PROFILE

SAFE STREETS 2025

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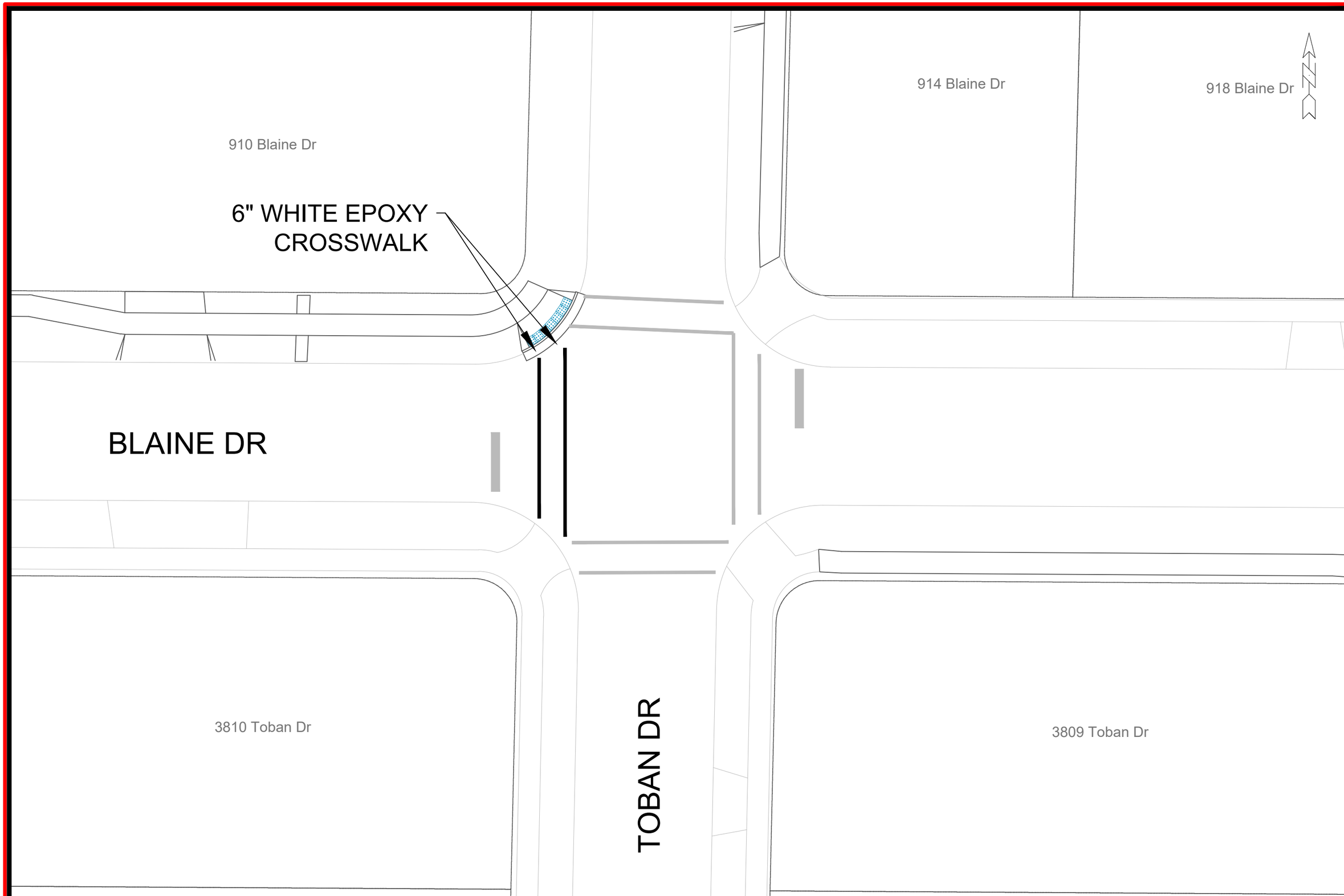
15200

BT-3



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15200 | BT-4

15200

MADISON, WI

CONTRACT NO: 8800

PAVEMENT MARKING PLAN - BLAINE AND TOBAN

SAFE STREETS 2025

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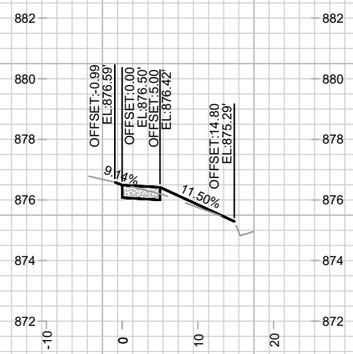
15200

BT-4



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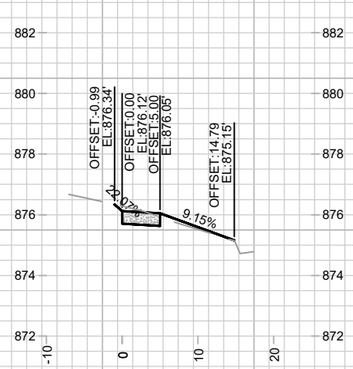

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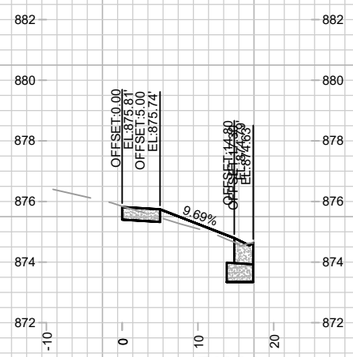

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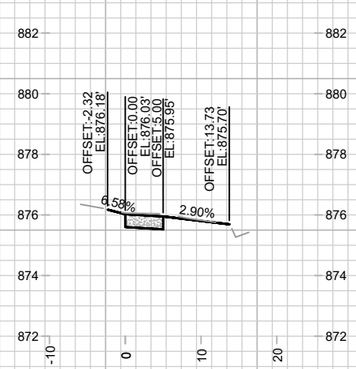
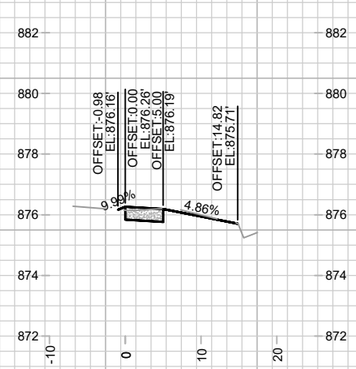


731+50.00



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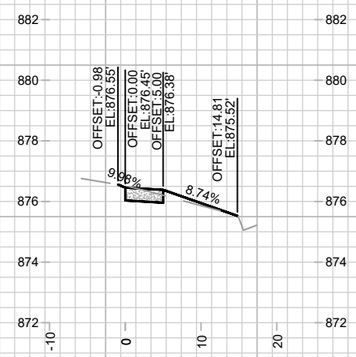

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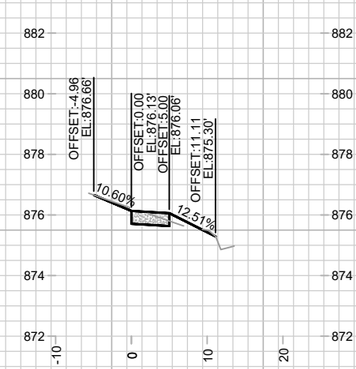
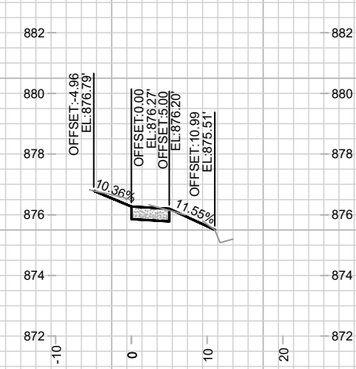


732+25.00



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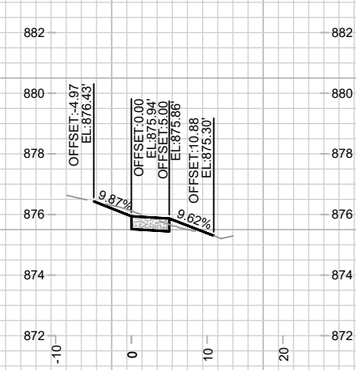
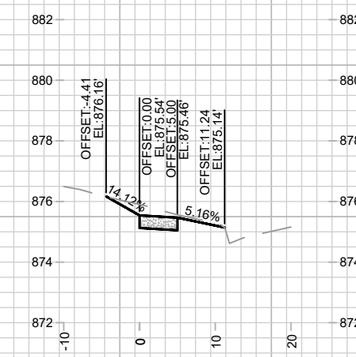


731+75.00 DWY



732+50.00

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15200 | BT-5

15200

MADISON, WI

CONTRACT NO: 8800

BLAINE STREET SIDEWALK CROSS SECTIONS

SAFE STREETS 2025

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15200

BT-5

740+75.00

742+25.00

743+00.00

744+50.00

740+57.00 DWY

742+00.00 DWY

742+75.00

744+25.00

740+25.00

741+00.00

742+50.00

744+00.00

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15200

BT-6

15200

MADISON, WI

8800

CONTRACT NO:

TOBAN STREET SIDEWALK CROSS SECTIONS

SAFE STREETS 2025

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CITY OF MADISON WISCONSIN

15200

BT-6

746+50.00

747+15.00 DWY

745+00.00

747+00.00

747+75.00

744+75.00

746+75.00

747+50.00

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15200

TOBAN STREET SIDEWALK CROSS SECTIONS

SAFE STREETS 2025

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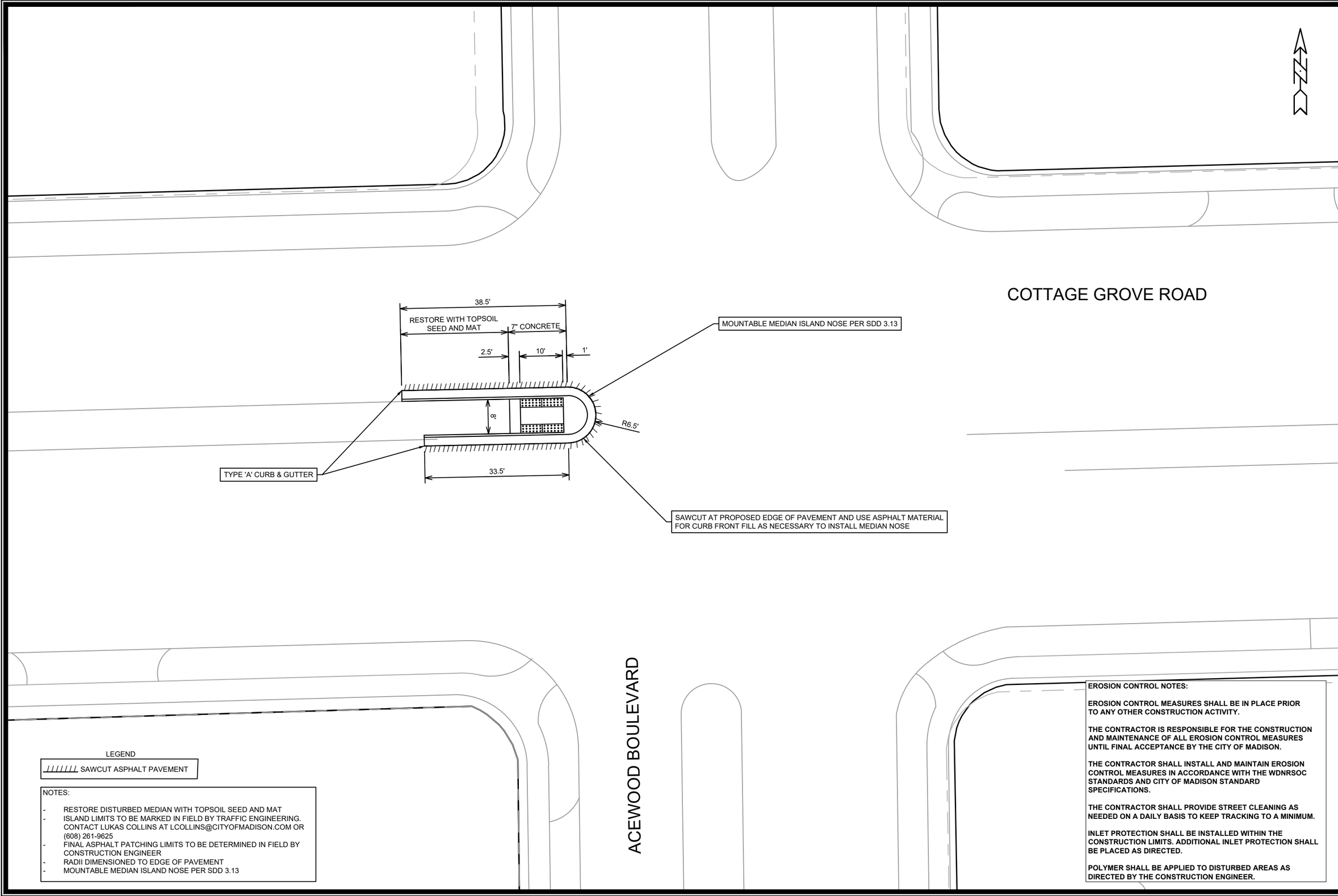
MADISON, WI

CONTRACT NO: 8800

15200

BT-7



LEGEND

SAWCUT ASPHALT PAVEMENT

NOTES:

- RESTORE DISTURBED MEDIAN WITH TOPSOIL SEED AND MAT
- 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
- MOUNTABLE MEDIAN ISLAND NOSE PER SDD 3.13

EROSION CONTROL NOTES:

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

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15200

CG-1

15200

MADISON, WI

CONTRACT NO: 8800

COTTAGE GROVE ACEWOOD PLAN

SAFE STREETS 2025

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15200

CG-1

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.

COTTAGE GROVE ROAD

ACEWOOD BLVD.

EXTS3 EXTS2 EXTS1 EXTS4 EXTS5 EXTS6 EXTS7 EXTS8 EXTC1 EXHH1 EXHH3 EXHH4 EXHH7 EXHH8 EXHH9 EXHH10 EXHH11 EXHH14 SL7234 SL7232 SL7233 SL7230 HH15 TS9 TS10 TS11 22-FT ARM 15-FT ARM L19 L20 L21 L22 L23 L24

MARK	REVISION	DATE	BY

Designed By: JLS | Date: 1/30/25 | Scale: 1" = 20'

15200

CG -2

ELECTRICAL PLANS - ACEWOOD & COTTAGE GROVE ROAD

SAFE STREETS MADISON 2025

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MADISON, WI

CONTRACT NO: 8800

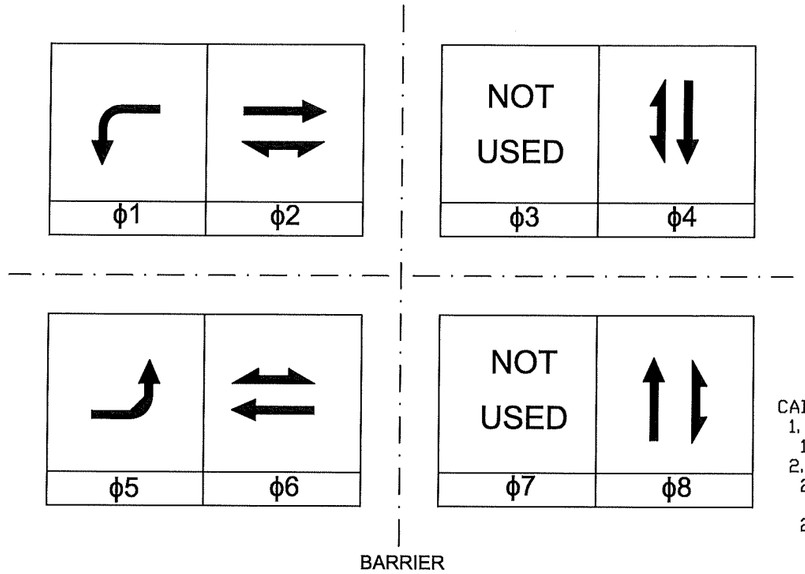
CITY OF MADISON WISCONSIN

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



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

CONTROLLER LOGIC

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.		

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

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.		

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

MARK	REVISION	DATE	BY

Designed By: JLS | Date: 1/14/25 | Scale: NO SCALE

15200 | CG -3

15200

CITY OF MADISON, WI

CONTRACT NO: 8800

ELECTRICAL PLANS - ACEWOOD & COTTAGE GROVE

SAFE STREETS MADISON 2025

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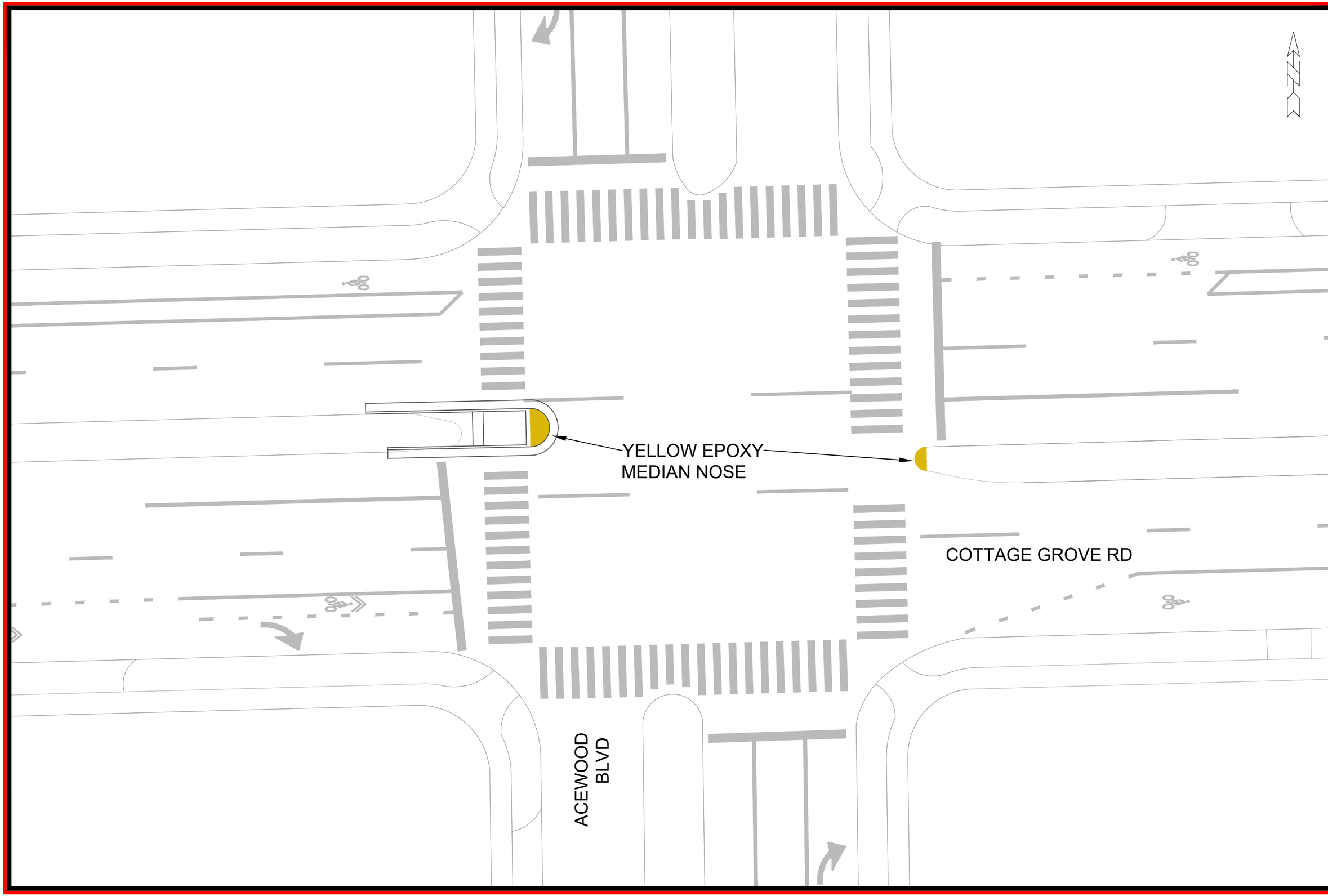
15200

CG -3



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15200 | CG-4

PAVEMENT MARKING PLAN - COTTAGE GROVE RD AND ACEWOOD BLVD

SAFE STREETS 2025

15200

MADISON, WI

CONTRACT NO: 8800

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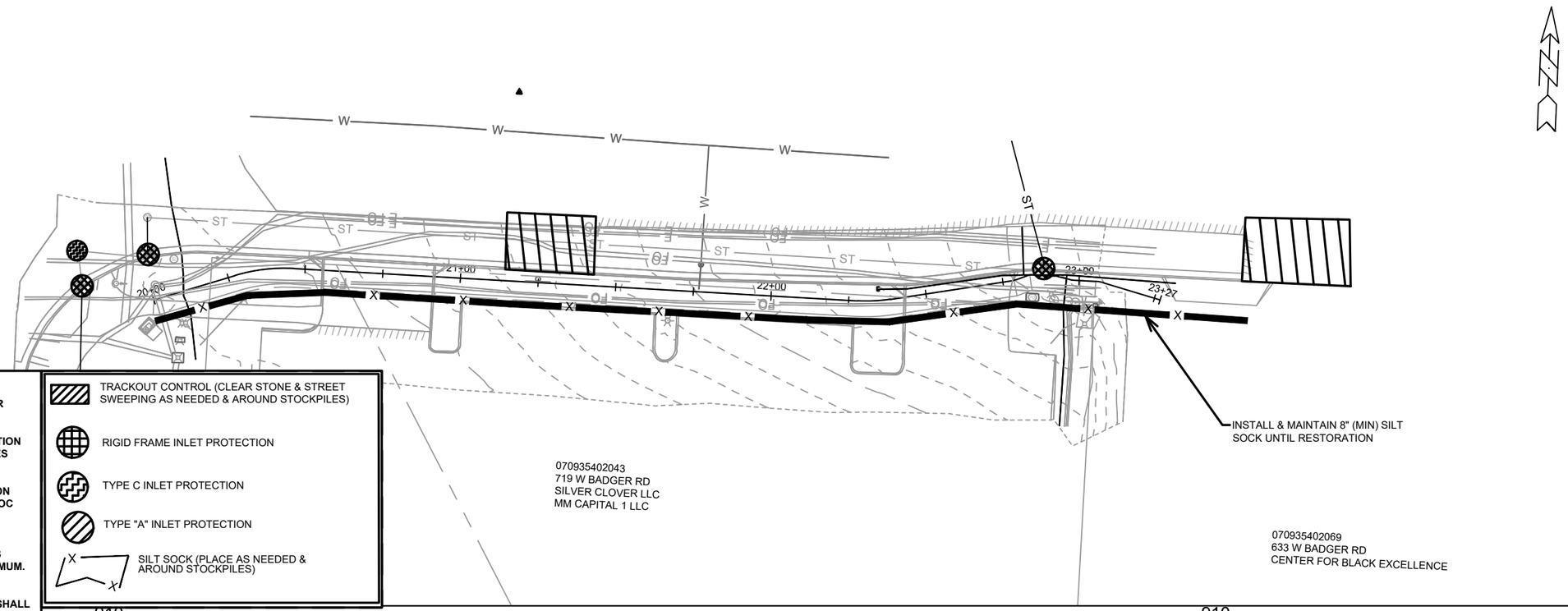
15200

CG-4



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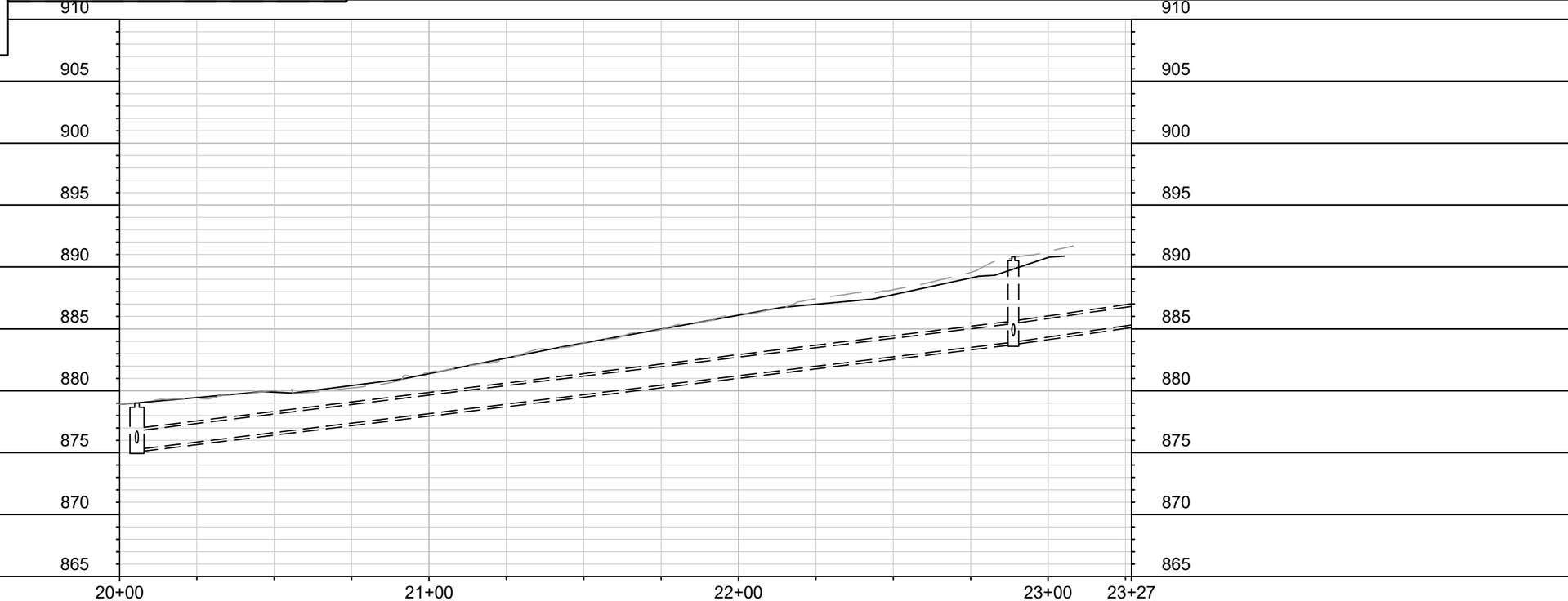
POLYMER SHALL BE APPLIED TO DISTURBED AREAS AS DIRECTED BY THE CONSTRUCTION ENGINEER.

- 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)



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15200

MADISON, WI

CONTRACT NO: 8800

EROSION CONTOL PLAN - BADGER RD

SAFE STREETS 2025

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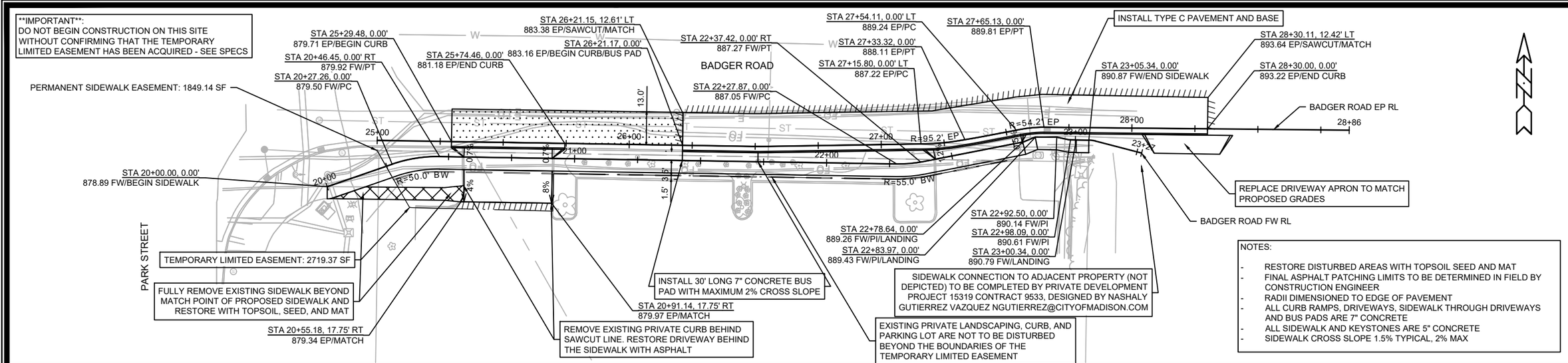
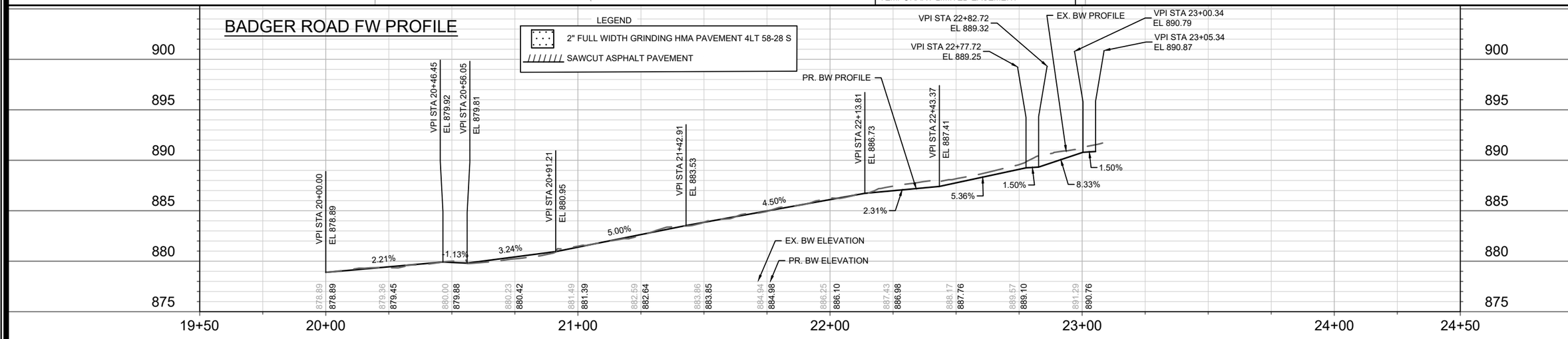
15200

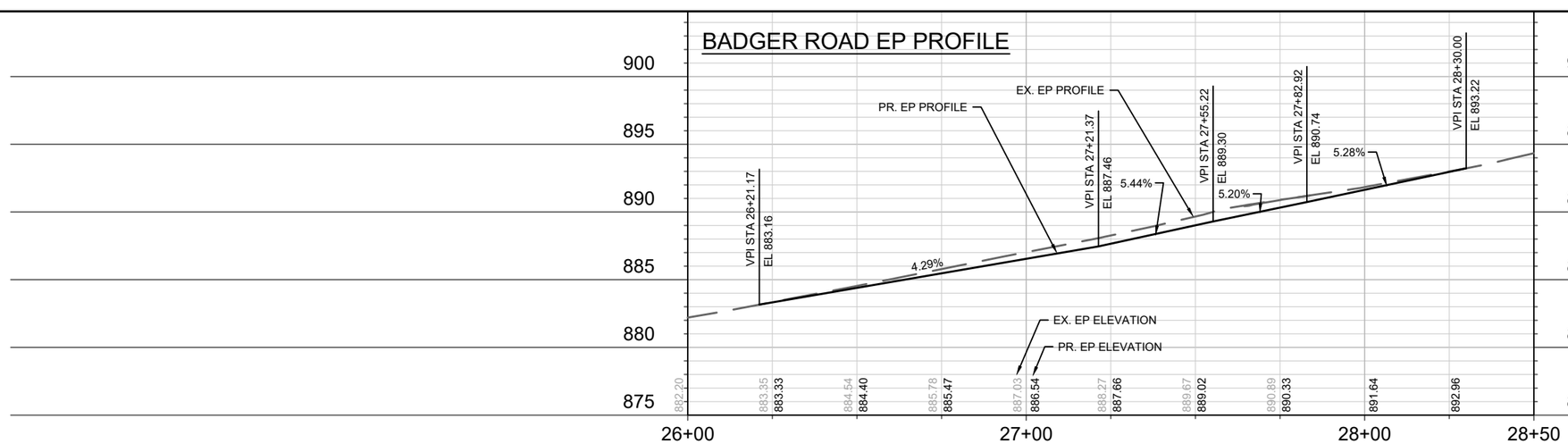
BA-1



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, DRIVEWAYS, SIDEWALK THROUGH DRIVEWAYS AND BUS PADS 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

BADGER SIDEWALK PLAN & PROFILE

SAFE STREETS 2025

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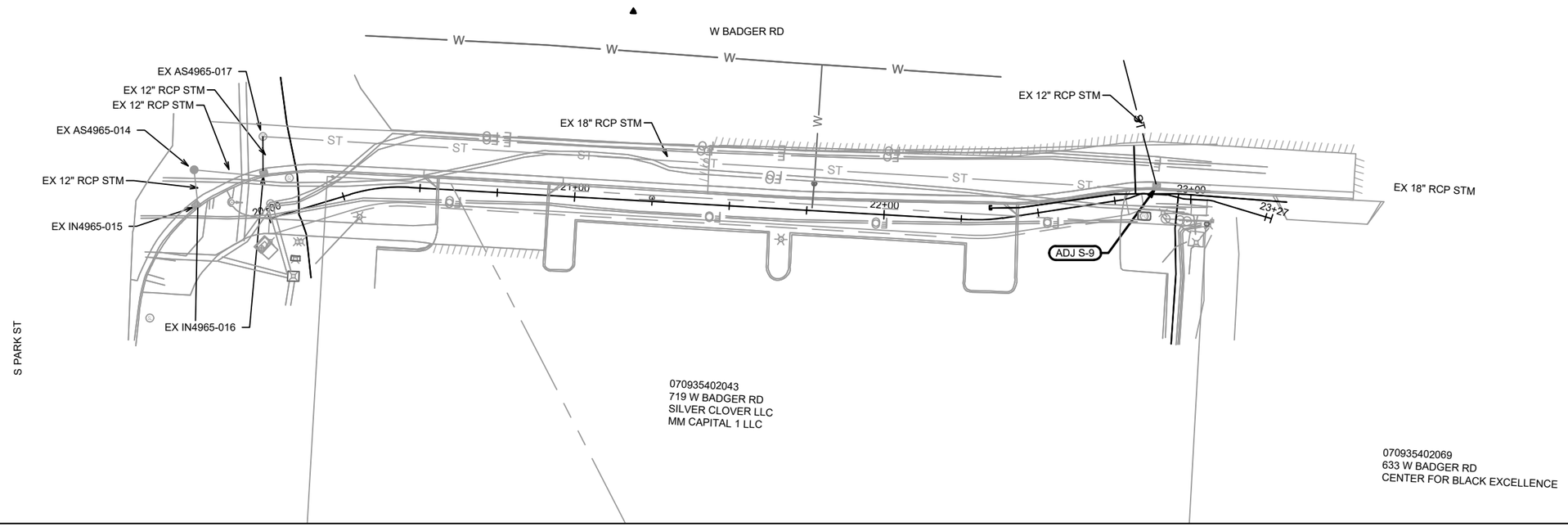
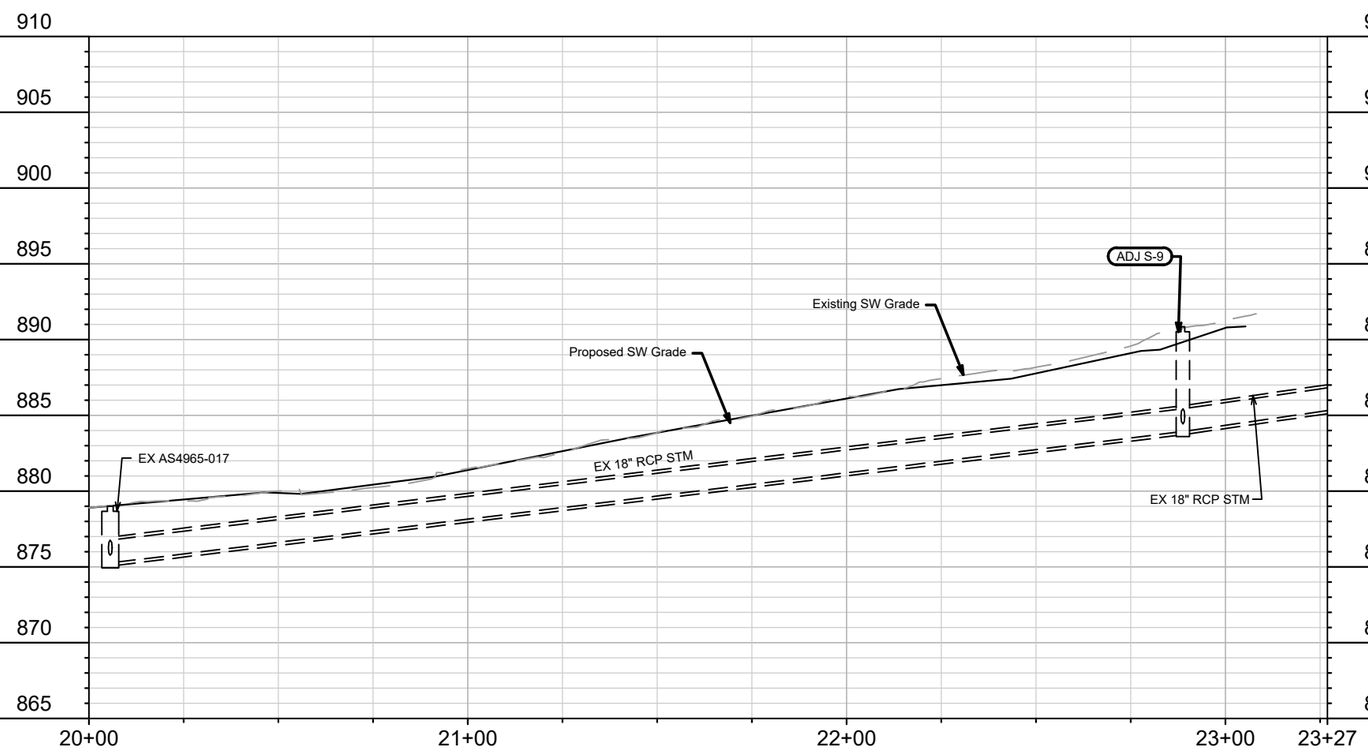
15200

BA-2





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15200

MADISON, WI

CONTRACT NO: 8800

BADGER SIDEWALK - UTILITY PLAN & PROFILE

SAFE STREETS 2025

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15200

BA-3

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]

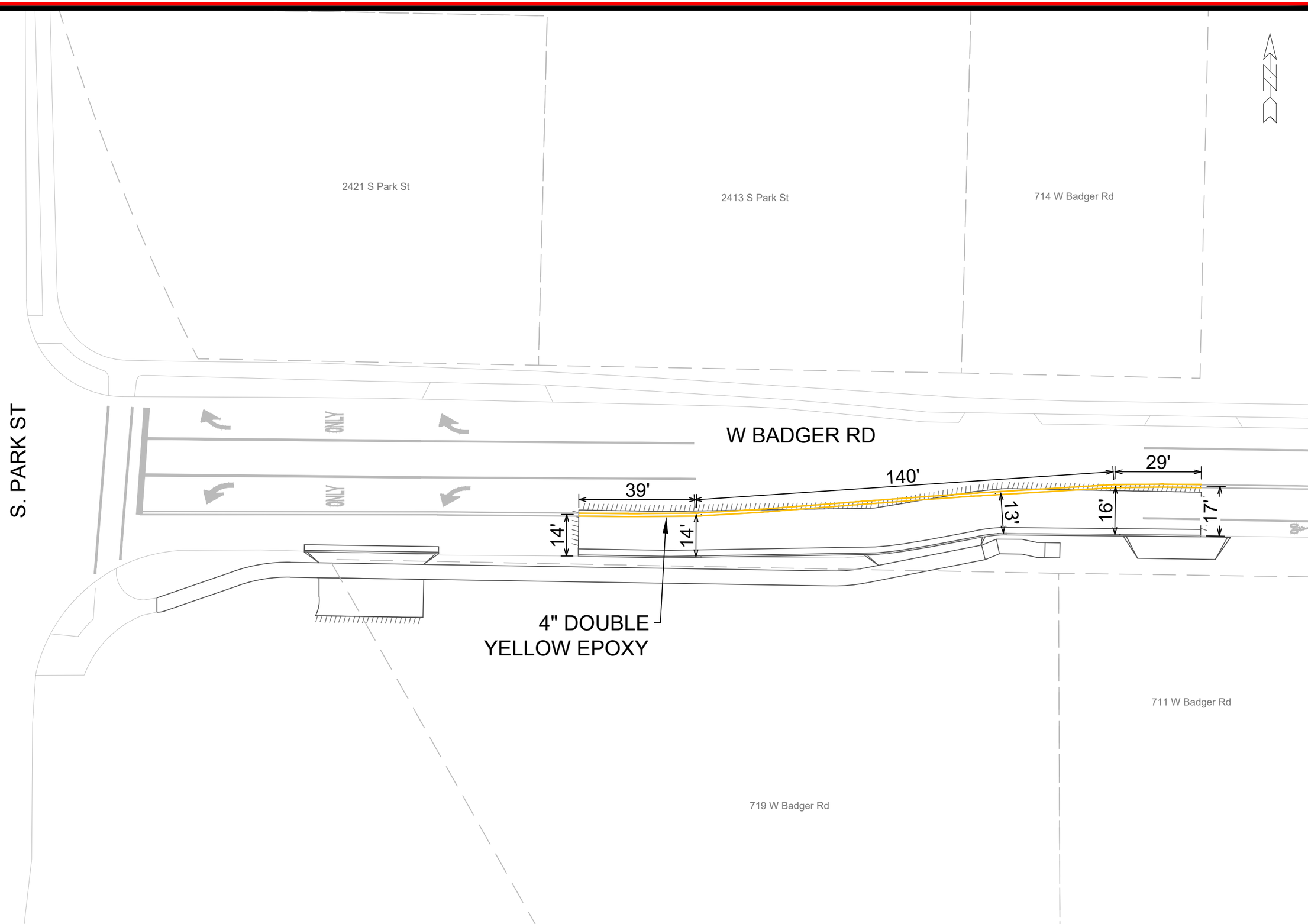
SPECIFIC NOTES

[1] MATCH NEW TOC

STANDARD NOTES:

- 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.



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15200

MADISON, WI

CONTRACT NO: 8800

PAVEMENT MARKING PLAN - BADGER RD

SAFE STREETS 2025

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15200

BA-5

20+50.00

21+00.00

21+50.00

20+25.00

20+75.00 DWY

21+25.00

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Designed By: MFG | Date: 2/26/2025 8:41 AM | Scale: 1" = 20'

15200

MADISON, WI

CONTRACT NO: 8800

BADGER ROAD SIDEWALK CROSS SECTIONS

SAFE STREETS 2025

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15200

BA-6

22+00.00

22+50.00 DWY

23+00.00

21+75.00

22+25.00

22+75.00 DWY

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Designed By: MFG | Date: 2/26/2025 8:41 AM | Scale: 1" = 20'

15200

MADISON, WI

CONTRACT NO: 8800

BADGER ROAD SIDEWALK CROSS SECTIONS

SAFE STREETS 2025

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15200

BA-7

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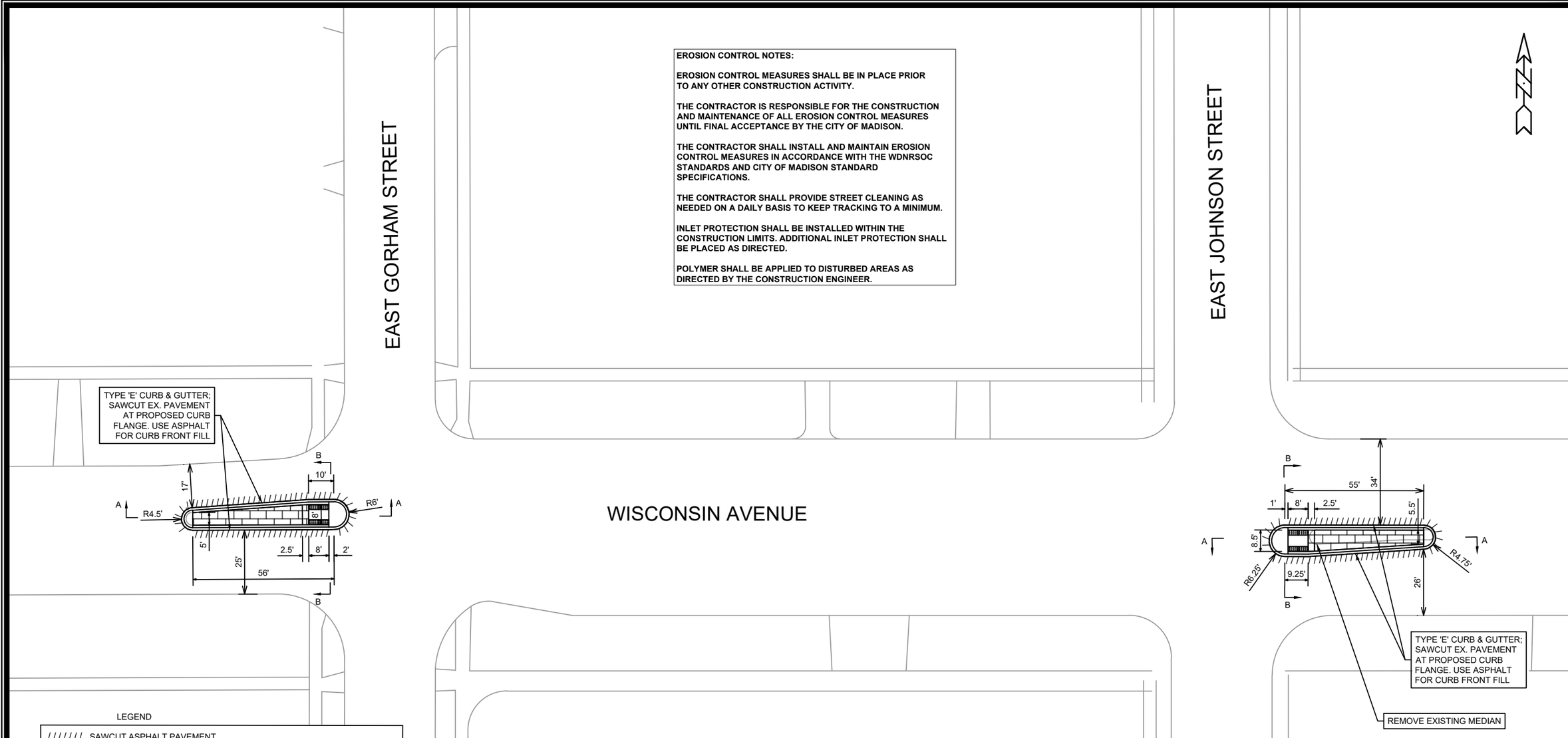
THE CONTRACTOR IS RESPONSIBLE FOR THE CONSTRUCTION AND MAINTENANCE OF ALL EROSION CONTROL MEASURES UNTIL FINAL ACCEPTANCE BY THE CITY OF MADISON.

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.



LEGEND

SAWCUT ASPHALT PAVEMENT

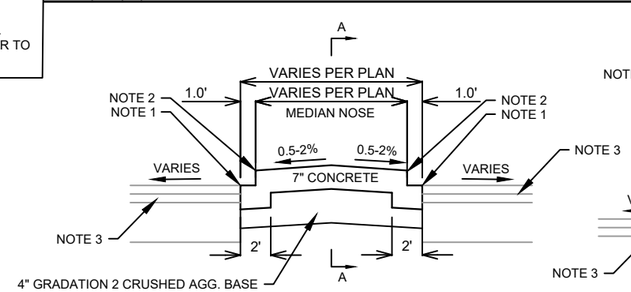
STAMPED & COLORED CONCRETE, 7 INCH - 'NATURAL BARK' COLOR. PROVIDE SAMPLE TO CONSTRUCTION ENGINEER FOR REVIEW PRIOR TO INSTALLATION, SEE SPECS

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

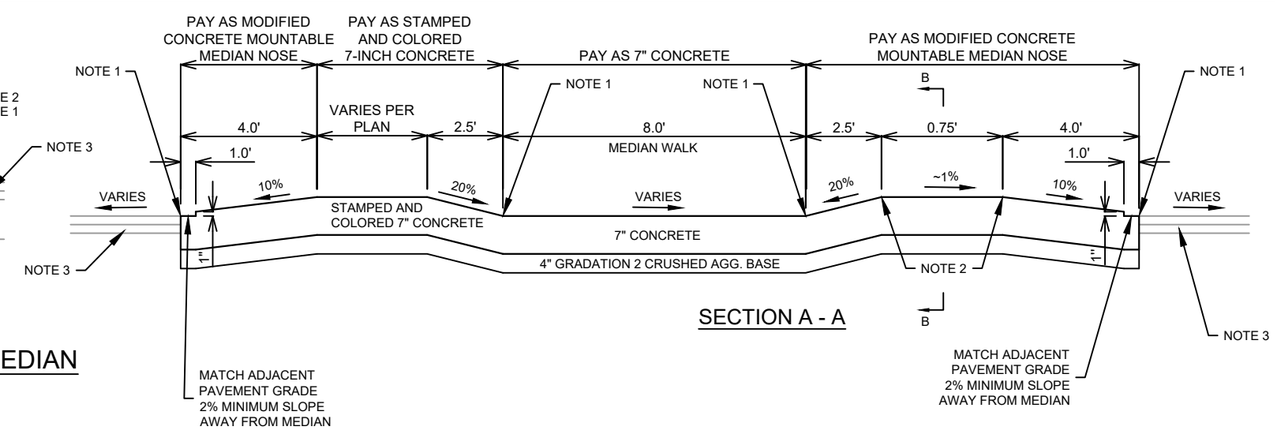
MEDIAN NOTES:

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



SECTION B - B

MODIFIED CONCRETE MOUNTABLE MEDIAN ISLAND NOSE



SECTION A - A

MARK	REVISION	DATE	BY
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15200

MADISON, WI

CONTRACT NO: 8800

WISCONSIN GORHAM JOHNSON PLAN

SAFE STREETS 2025

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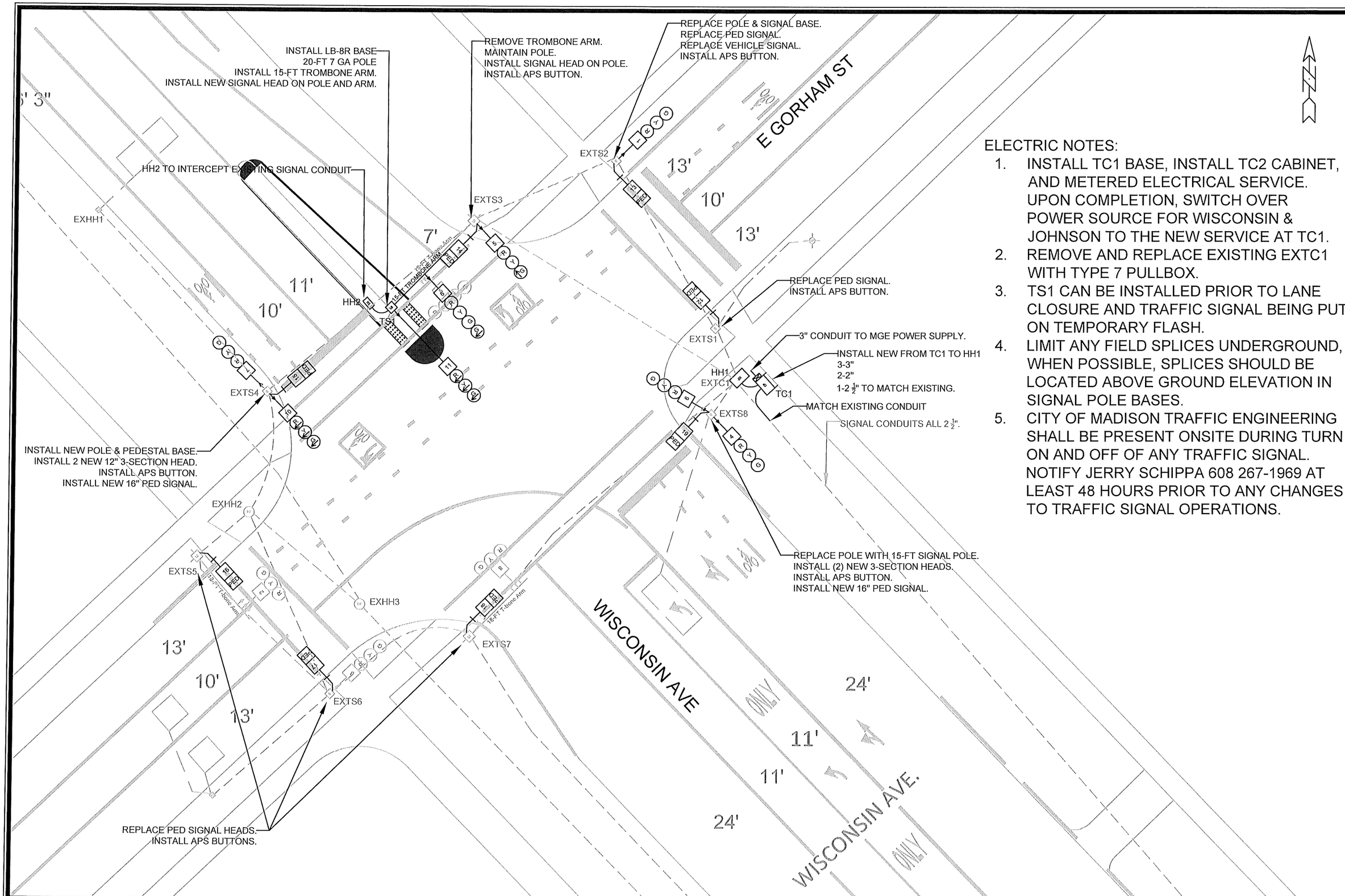
WI-1



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.

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15200 | WI-2

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MADISON, WI

CONTRACT NO: 8800

ELECTRICAL PLANS - E GORHAM & WISCONSIN

SAFE STREETS MADISON 2025

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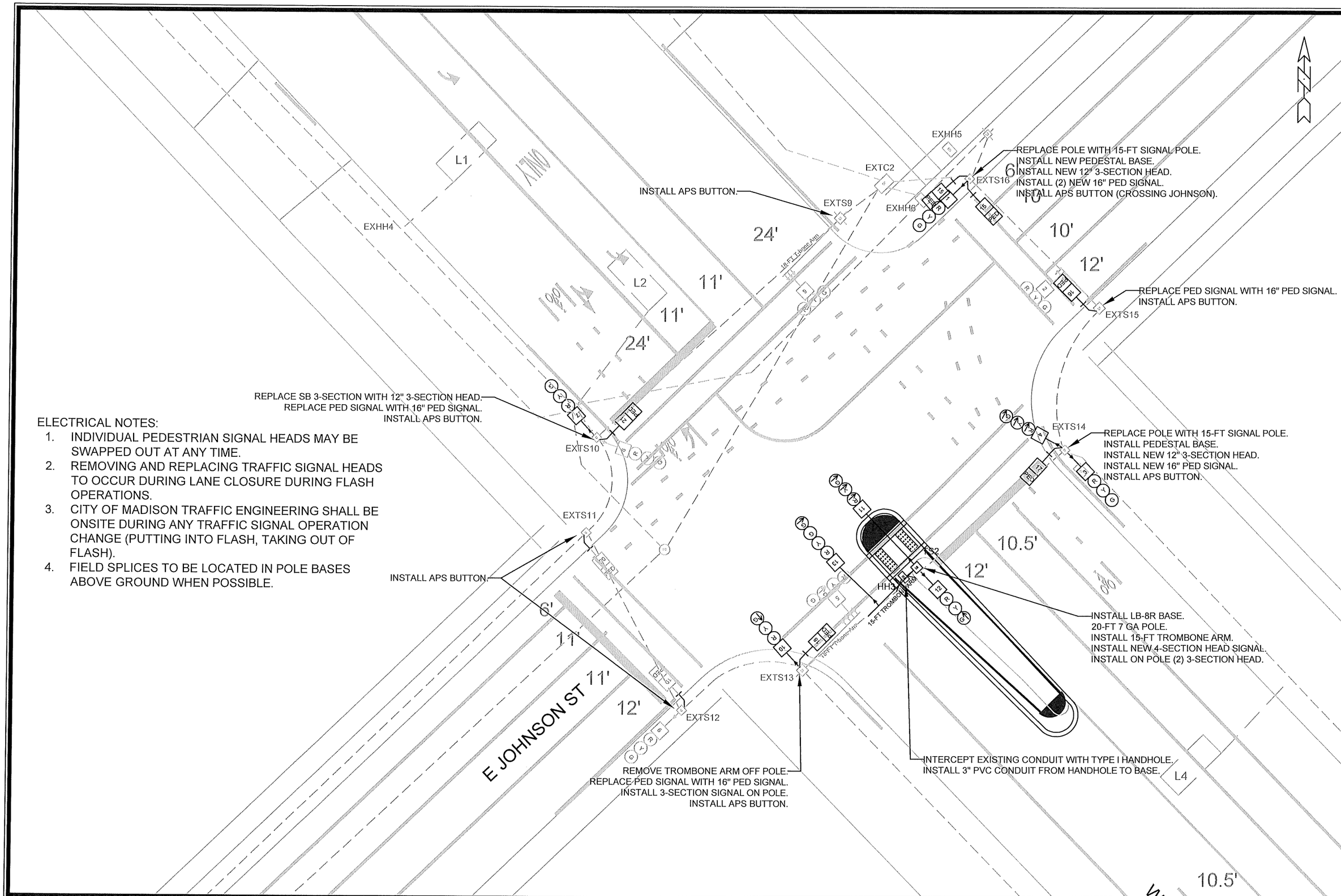
WI-2



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.

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MADISON, WI

CONTRACT NO: 8800

ELECTRICAL PLANS - E JOHNSON & WISCONSIN

SAFE STREETS MADISON 2025

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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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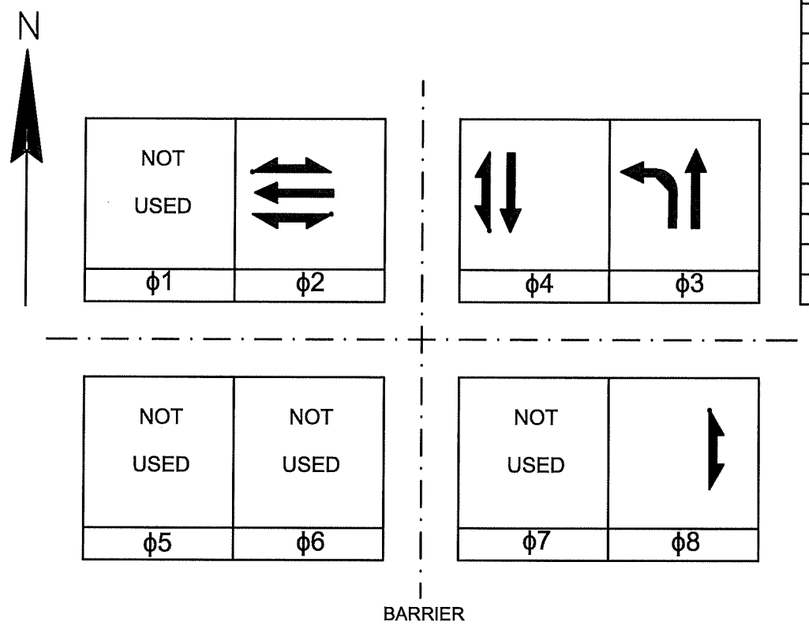

PREEMPTION ASSIGNMENTS			
PREEMPTION DESIGNATION	PREEMPTION TYPE	EVP CHANNEL	PHASE(S) CALLED
1	RAILROAD	SEE CHART	
2	RESERVED		
3	EB EVP	A	1, 6
4	WB EVP	B	C, 5
5	NB EVP	C	4, 7
6	SB EVP	D	3, 8
7	NOT USED		
8	NOT USED		
9	NOT USED		
10	NOT USED		

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																

MARK	REVISION	DATE	BY
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15200

CITY OF MADISON, WI

CONTRACT NO: 8800

WISCONSIN & GORHAM SIGNAL SEQUENCE

SAFE STREETS MADISON

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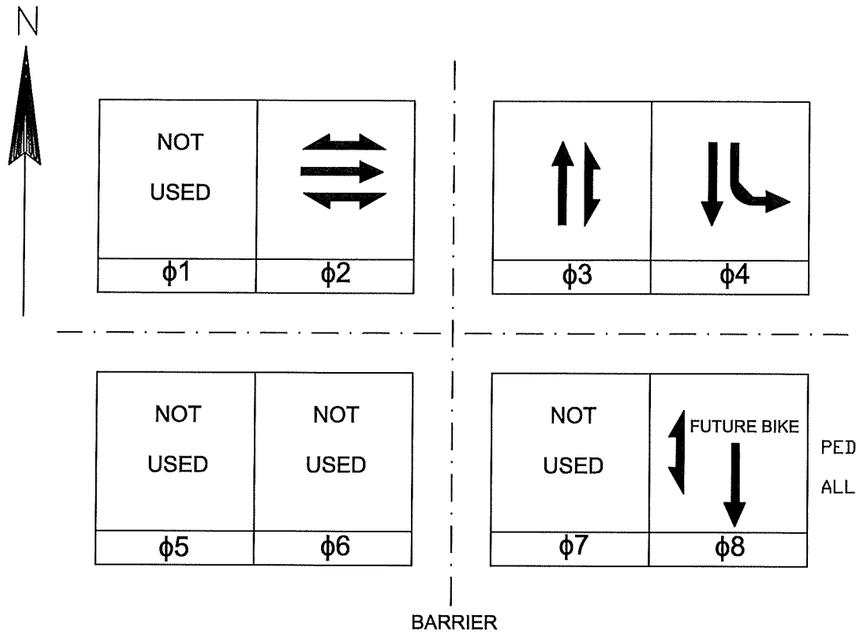
15200

WI-4

	HEAD NUMBERS	FLASH	O.L. ASSIGNMENTS
ϕ1			
ϕ2	1,2,6	Y	
ϕ3	3,9,10	R	
ϕ4	5,7,11	R	
ϕ5			
ϕ6			
ϕ7			
ϕ8	13,14	R	
ϕ2 PED	17,18,21,22		
ϕ3 PED	15,16		
ϕ6 PED			
ϕ8 PED	19,20		



PED BUTTON OPERATIONS:

ALL PED BUTTONS LANDED ON PC2, PC4, OR PC8.

CONTROLLER LOGIC

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

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		

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)		L1						
PHASE CALLED		3						
PHASE EXTENDED		3						
DISCONNECT TIME								
CALLING DELAY								
EXTENSION STRETCH								
LOOP FUNCTION								

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

DETECTOR INPUT	4	2	8	6	12	10	16	14
DETECTOR #(S)	L4	L2						
PHASE CALLED	4	3						
PHASE EXTENDED	4	3						
DISCONNECT TIME								
CALLING DELAY								
EXTENSION STRETCH								
LOOP FUNCTION								

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

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Designed By: JLS | Date: 1/14/25 | Scale: NO SCALE

15200 | WI-5

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CITY OF MADISON, WI

CONTRACT NO: 8800

WISCONSIN & JOHNSON SIGNAL SEQUENCE

SAFE STREETS MADISON 2024 WISCONSIN & JOHNSON

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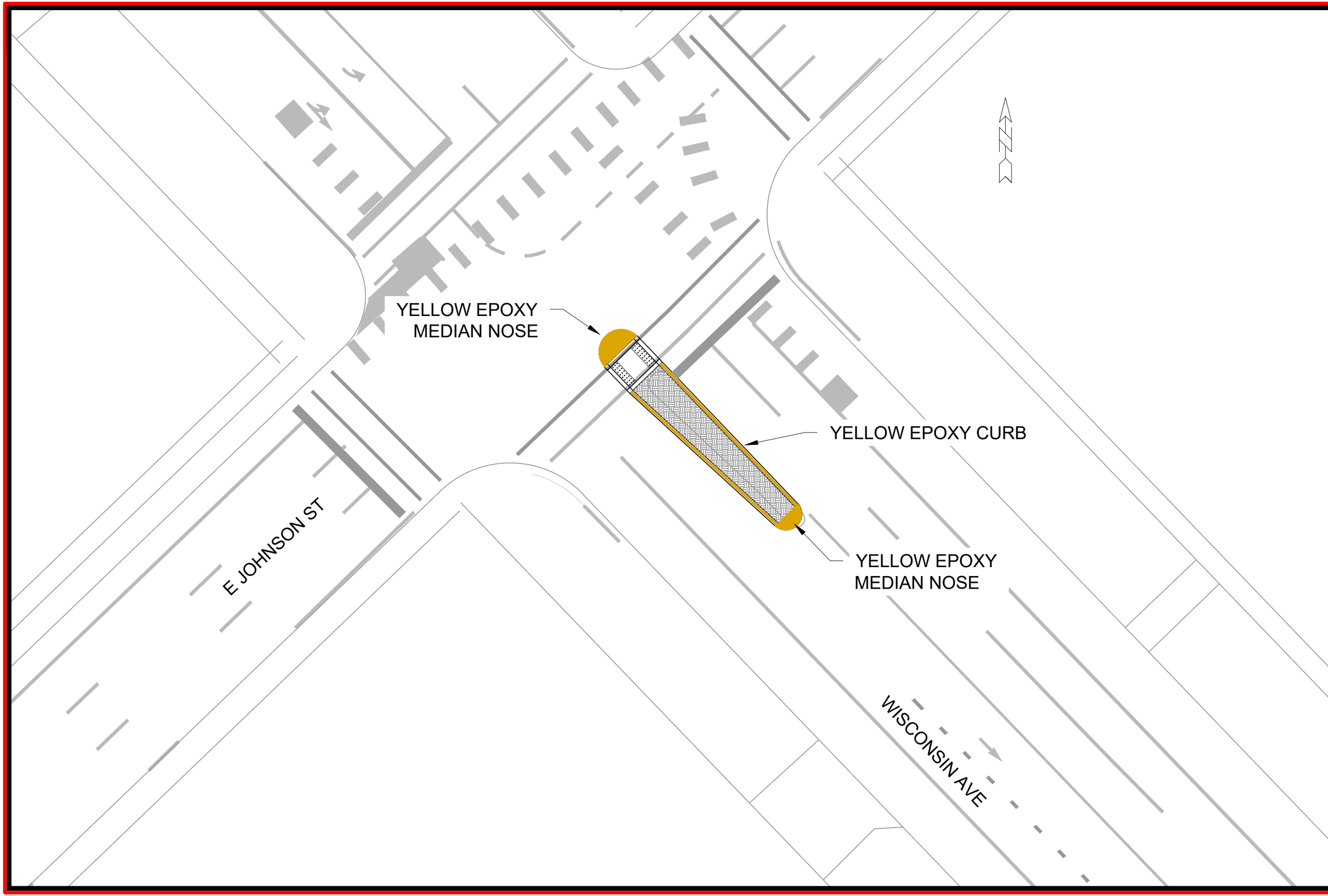
WI-5



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Designed By: LMC | Date: 2/26/2025 8:42 AM | Scale: 1:20 | WI6

15200

MADISON, WI

CONTRACT NO: 8800

PAVEMENT MARKING PLAN - WISCONSIN AND JOHNSON

SAFE STREETS 2025

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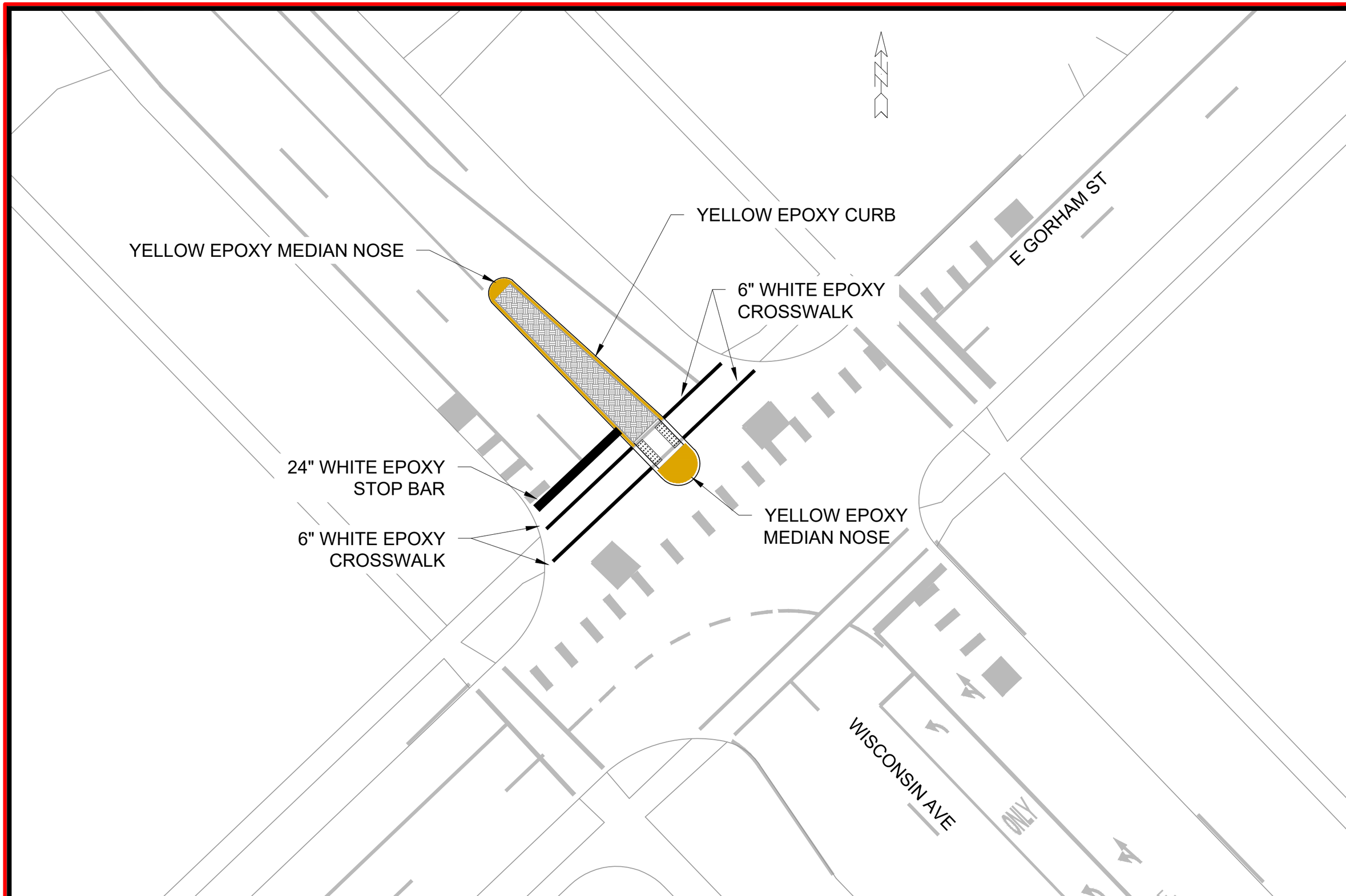
WI-6



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15200

MADISON, WI

CONTRACT NO: 8800

PAVEMENT MARKIGN PLAN - WISCONSIN AND GORHAM

SAFE STREETS 2025

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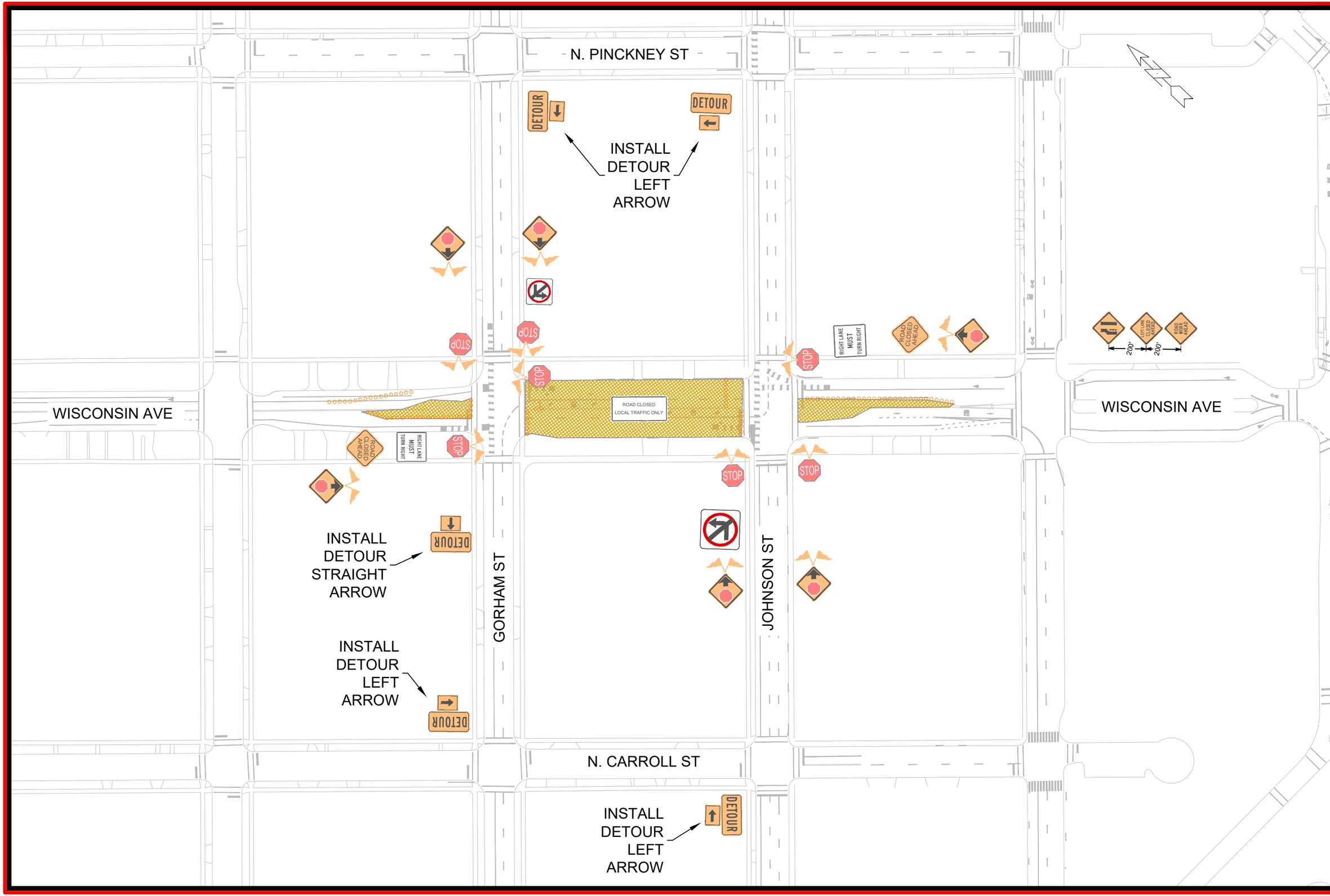
WI-7



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WISCONSIN AVE - DETOUR PLAN

SAFE STREETS 2025

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MADISON, WI

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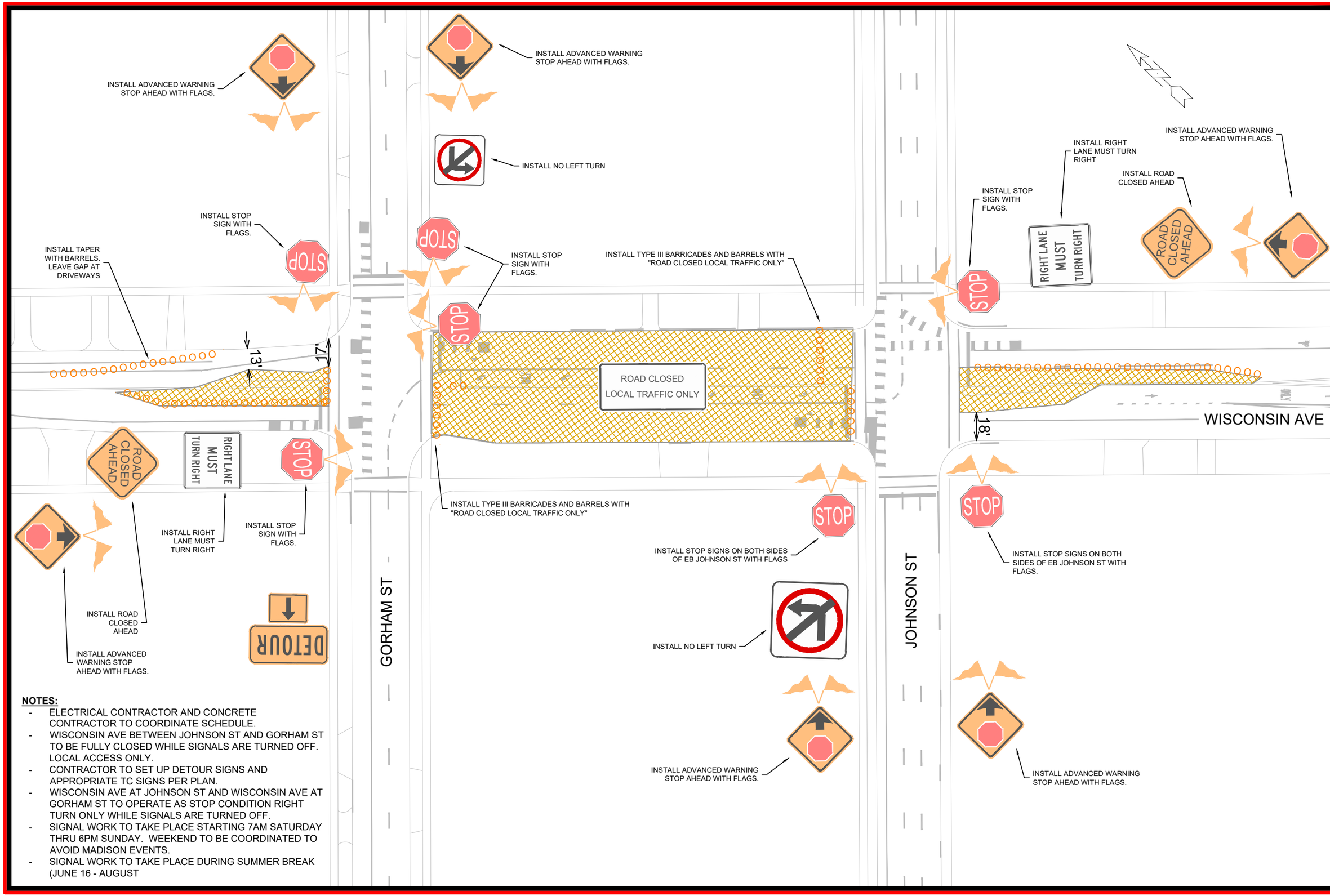
WI-8



NOTES:

- ELECTRICAL CONTRACTOR AND CONCRETE CONTRACTOR TO COORDINATE SCHEDULE.
- WISCONSIN AVE BETWEEN JOHNSON ST AND GORHAM ST TO BE FULLY CLOSED WHILE SIGNALS ARE TURNED OFF. LOCAL ACCESS ONLY.
- CONTRACTOR TO SET UP DETOUR SIGNS AND APPROPRIATE TC SIGNS PER PLAN.
- WISCONSIN AVE AT JOHNSON ST AND WISCONSIN AVE AT GORHAM ST TO OPERATE AS STOP CONDITION RIGHT TURN ONLY WHILE SIGNALS ARE TURNED OFF.
- SIGNAL WORK TO TAKE PLACE STARTING 7AM SATURDAY THRU 6PM SUNDAY. WEEKEND TO BE COORDINATED TO AVOID MADISON EVENTS.
- SIGNAL WORK TO TAKE PLACE DURING SUMMER BREAK (JUNE 16 - AUGUST

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Designed By: LMC | Date: 2/26/2025 8:46 AM | Scale: Custom | WI-9

15200

MADISON, WI

8200

CONTRACT NO:

WISCONSIN AVE - TRAFFIC CONTROL

SAFE STREETS 2025

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15200

WI-9

	FROM	TO	60222 3-INCH SCH 80 (EACH)	60224 3-INCH SCH 40 (EACH)	60228 2 1/2-INCH SCH 40 (EACH)	60230 2-INCH SCH 80 (EACH)	60232 2-INCH SCH 40 (EACH)	60241 GOPHER RACEWAY FOR ELECTRICAL CONDUIT OR CABLE-IN-DUCT (LF)	60241 ELECTRICAL TRENCH (LF)	COMMENTS
			FURNISH & INSTALL PVC CONDUIT							
PORTLAND PARKWAY & MILWAUKEE RRFB	HH1	EXISTING	-	6	-	-	-	-	6	
	HH1	TS1	-	-	-	-	10	-	-	(1) - 2"
	HH1	HH5	120	-	-	60	-	60	-	(2) - 3", (1) - 2"
	HH5	EXTS5	-	-	-	-	14	-	14	(1) - 2"
	HH1	HH2	-	118	-	-	118	-	-	(1) - 3", (1) - 2"
	HH2	TS2	-	-	-	-	8	-	-	(1) - 2"
	HH2	HH3	28	-	-	28	-	28	-	(1) - 3", (1) - 2"
	HH3	TS3	-	-	-	-	10	-	10	(1) - 2"
	HH3	HH4	31	-	-	31	-	31	-	(1) - 3", (1) - 2"
	HH4	TS4	-	-	-	-	6	-	6	(1) - 2"
	SUBTOTAL		***179***	***124***	***0***	***119***	***166***	***119***	***36***	

	FROM	TO	60222	60224	60228	60230	60232	60241	60241	COMMENTS
ACEWOOD & COTTAGE GROVE ROAD LEFT TURN ARROW	EXHH7	TS9	-	15	-	-	-	-	15	(1) - 3"
	EXHH11	TS11	-	18	-	-	-	-	18	(1) - 3"
	EXHH11	EXISTING	-	-	-	-	10	-	10	(1) - 2"
	HH15	TS10	-	8	-	-	-	-	8	(1) - 3"
	SUBTOTAL		***0***	***41***	***0***	***0***	***10***	***0***	***51***	

	FROM	TO	60222	60224	60228	60230	60232	60241	60241	COMMENTS
WISCONSIN AVENUE TRAFFIC SIGNAL UPGRADES	TC1	HH1	-	18	-	-	6	-	6	(1) - 3"
	TC1	EXISTING	-	-	10	-	10	-	10	(1) - 2 1/2"
	TS1	HH2	-	6	-	-	6	-	6	(1) - 3"
	HH3	TS2	-	6	-	-	6	-	6	(1) - 3"
	HH3	EXISTING	-	-	10	-	10	-	10	(1) - 2 1/2"
	SUBTOTAL		***0***	***30***	***20***	***0***	***38***	***0***	***38***	
	TOTALS		***179***	***195***	***20***	***119***	***214***	***119***	***125***	

MARK	REVISION	DATE	BY

Designed By: JLS | Date: 1/13/2025 | Scale: 1" = 20'

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MADISON, WI

CONTRACT NO: 8800

ELECTRICAL PLAN MISC. QUANTITIES

SAFE STREETS MADISON 2025

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E-1

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

	FROM	TO	60253	60263	60265	60267	60269	60280	90030	COMMENTS
ACEWOOD & COTTAGE GROVE ROAD LEFT TURN ARROW	EXHH8	EXTC1	-	-	-	-	-	500	-	(2) LOOP DETECTOR LEAD IN (L19-L21)
	EXHH14	EXTC1	-	-	-	-	-	15	-	(2) LOOP DETECTOR LEAD IN (L22-L24)
	EXTC1	TS11	-	-	-	-	100	-	100	HOME RUN 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***	

	FROM	TO	60253	60263	60265	60267	60269	60280	90030	COMMENTS
WISCONSIN AVENUE TRAFFIC SIGNAL UPGRADES	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***	

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Designed By: JLS | Date: 1/13/2025 | Scale: 1" = 20'

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MADISON, WI

CONTRACT NO: 8800

ELECTRICAL PLAN MISC. QUANTITIES

SAFE STREETS MADISON 2025

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E-2

		60413	60416	60417	60243	60424	90040	60245	60602	60702	60708	
		CONSTRUCT			REMOVE				INSTALL	CONSTRUCT		
	STRUCTURE	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	COMMENTS
PORTLAND PARKWAY & MILWAUKEE RRFB	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*	

MARK	REVISION	DATE	BY
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Designed By: JLS | Date: 1/13/2025 | Scale: 1" = 20'

15200

MADISON, WI

CONTRACT NO: 8800

ELECTRICAL PLAN MISC. QUANTITIES

SAFE STREETS MADISON 2025

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15200

E-3

		90011	90040	90012	90013	90014	90015	
		FURNISH & INSTALL				FURNISH & INSTALL		
		20-FT, 7 GAUGE POLE	PEDESTAL BASE	TRAFFIC SIGNAL STANDARD 3.5-FT	15-FT	TROMBONE ARM 15-FT	18-FT	
	STRUCTURE	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)	COMMENTS
PORTLAND PARKWAY & MILWAUKEE RRFB	TS1	1	-	-	-	-	1	
	TS2	-	1	-	1	-	-	
	TS3	1	-	-	-	-	1	
	TS4	-	1	1	-	-	-	
	SUBTOTAL	*2*	*2*	*1*	*1*	*0*	*2*	

	STRUCTURE	90011	90040	90012	90013	90014	90015	COMMENTS
ACEWOOD & COTTAGE GROVE ROAD LEFT TURN ARROW	EXTC1	-	-	-	-	-	-	
	SL7232	-	-	-	-	-	-	
	EXTS2	-	-	-	-	-	-	
	EXTS3	-	-	-	-	-	-	
	SL7234	-	-	-	-	-	-	
	EXTS4	-	-	-	-	-	-	
	EXTS5	-	-	-	-	-	-	
	SL7233	-	-	-	-	-	-	
	EXTS6	-	-	-	-	-	-	
	EXTS7	-	-	-	-	-	-	
	SL7230	-	-	-	-	-	-	
	EXTS8	-	-	-	-	-	-	
	TS9	1	-	-	-	1	-	
	TS10	1	-	-	-	1	-	
	TS11	1	-	-	-	1	-	
	SUBTOTAL	*3*	*0*	*0*	*0*	*3*	*0*	

	STRUCTURE	90011	90040	90012	90013	90014	90015	COMMENTS
WISCONSIN AVENUE TRAFFIC SIGNAL UPGRADES	TC1	-	-	-	-	-	-	
	EXTS1	-	-	-	-	-	-	
	EXTS2	-	1	-	1	-	-	
	EXTS3	-	-	-	-	-	-	
	EXTS4	-	1	-	1	-	-	
	EXTS5	-	-	-	-	-	-	REMOVE AND REPLACE WITH TYPE 7 HH1
	EXTS6	-	-	-	-	-	-	WITH NEW MGE 120V 100 AMP SERVICE
	EXTS7	-	-	-	-	-	-	
	EXTS8	-	1	-	1	-	-	
	TS1	1	-	-	-	1	-	
	EXTC2	-	-	-	-	-	-	
	EXTS9	-	-	-	-	-	-	
	EXTS10	-	-	-	-	-	-	
	EXTS11	-	-	-	-	-	-	
	EXTS12	-	-	-	-	-	-	
	EXTS13	-	-	-	-	-	-	
	TS2	1	-	-	-	1	-	
	EXTS14	-	1	-	1	-	-	
	EXTS15	-	-	-	-	-	-	
	EXTS16	-	-	-	-	-	-	
	SUBTOTAL	*2*	*4*	*0*	*4*	*2*	*0*	
	TOTALS	*7*	*6*	*1*	*5*	*5*	*2*	

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15200

E-4

15200

MADISON, WI

CONTRACT NO: 8800

ELECTRICAL PLAN MISC. QUANTITIES

SAFE STREETS MADISON 2025

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CITY OF MADISON WISCONSIN

15200

E-4

	STRUCTURE	90032	90033	90034	90035	90036	90037	90038	90039	COMMENTS
		FURNISH & INSTALL								
		TRAFFIC SIGNAL HEAD						ACCESSIBLE PEDESTRIAN PUSH BUTTON	TRAFFIC SIGNAL CONTROL CABINET FULLY CONFIGURED	
		3-SECTION HEAD VERTICAL (EACH)	3-SECTION HEAD HORIZONTAL (EACH)	4-SECTION HEAD VERTICAL (EACH)	3-SECTION BACKPLATE (EACH)	4-SECTION BACKPLATE (EACH)	16" PEDESTRIAN SIGNAL (EACH)	(EACH)	(EACH)	
ACEWOOD & COTTAGE GROVE ROAD LEFT TURN ARROW	EXTS1	-	-	-	-	-	-	1	-	
	SL7232	-	-	-	-	-	-	1	-	
	EXTS3	-	-	-	-	-	-	1	-	
	SL7234	-	-	-	-	-	-	1	-	
	TS9	2	1	-	3	-	-	-	-	
	EXTS5	-	-	-	-	-	-	1	-	
	SL7233	1	-	-	1	-	-	1	-	
	TS10	2	-	-	2	-	-	-	-	
	EXTS7	-	-	-	-	-	-	1	-	
	SL7230	-	-	-	-	-	-	1	-	
	TS11	2	1	-	3	-	-	-	-	
	SUBTOTAL	***7***	***2***	***0***	***9***	***0***	***0***	***8***	***0***	

	STRUCTURE	90032	90033	90034	90035	90036	90037	90038	90039	COMMENTS
WISCONSIN AVENUE TRAFFIC SIGNAL UPGRADES	TC1	-	-	-	-	-	-	-	1	
	EXTS1	-	-	-	-	-	1	1	-	
	EXTS2	1	-	-	1	-	1	1	-	
	EXTS3	1	-	-	1	-	1	1	-	
	EXTS4	2	-	-	2	-	1	1	-	
	EXTS5	-	-	-	-	-	1	1	-	
	EXTS6	-	-	-	-	-	1	1	-	
	EXTS7	-	-	-	-	-	1	1	-	
	EXTS8	2	-	-	2	-	1	1	-	
	TS1	1	-	1	1	1	-	-	-	
	EXTC2	-	-							
	EXTS9	-	-	-	-	-	-	1	-	
	EXTS10	1	-	-	1	-	1	1	-	
	EXTS11	-	-	-	-	-	-	1	-	
	EXTS12	-	-	-	-	-	-	1	-	
	EXTS13	1	-	-	1	-	1	1	-	
	TS2	2	-	1	2	1	-	-	1	
	EXTS14	2	-	-	2	-	1	1	-	
	EXTS15	-	-	-	-	-	1	1	-	
	EXTS16	1	-	-	1	-	2	1	-	
	SUBTOTAL	***14***	***0***	***2***	***14***	***2***	***14***	***16***	***2***	
	TOTALS	***21***	***2***	***2***	***23***	***2***	***14***	***24***	***2***	

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MADISON, WI

CONTRACT NO: 8800

ELECTRICAL PLAN MISC. QUANTITIES

SAFE STREETS MADISON 2025

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E-5

	LOOP NUMBER	60282	60285	COMMENTS
		FURNISH & INSTALL		
		6' X 10' LOOP DETECTOR	3' X 6' BIKE DETECTOR	
		(EACH)	(EACH)	
ACEWOOD & COTTAGE GROVE ROAD LEFT TURN ARROW	L19	1	-	
	L20	1	-	
	L21	1	-	
	L22	-	1	
	L23	1	-	
	L24	1	-	
	SUBTOTAL	*5*	*1*	

	LOOP NUMBER	60282	60285	COMMENTS
WISCONSIN AVENUE TRAFFIC				
	SUBTOTAL	*0*	*0*	
	TOTALS	*5*	*1*	

MARK	REVISION	DATE	BY
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15200 | E-6

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MADISON, WI

CONTRACT NO: 8800

ELECTRICAL PLAN MISC. QUANTITIES

SAFE STREETS MADISON 2025

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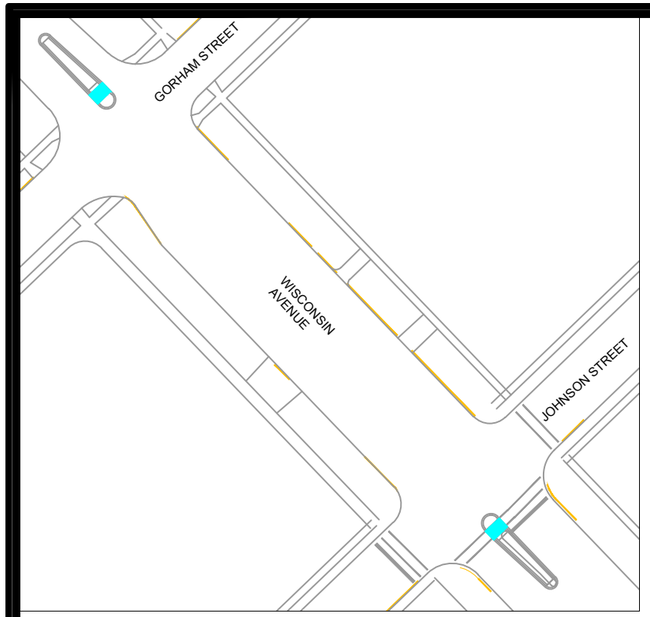
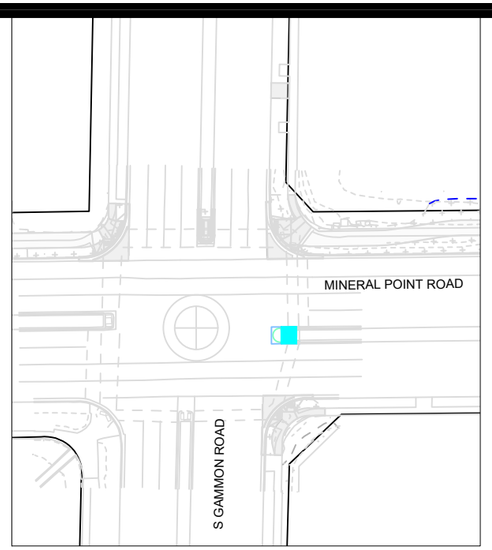
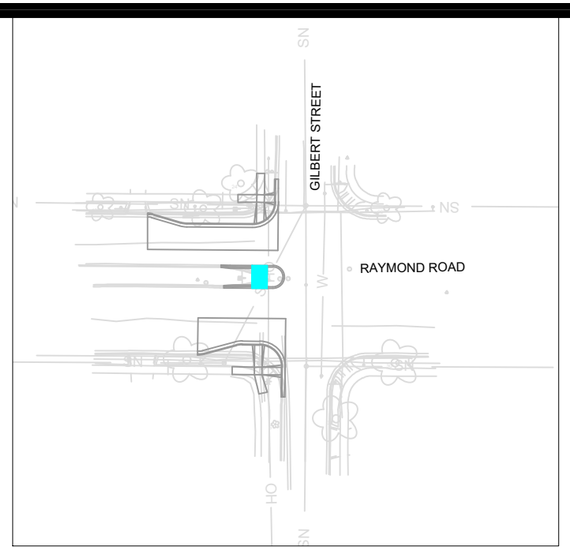
CITY OF MADISON WISCONSIN

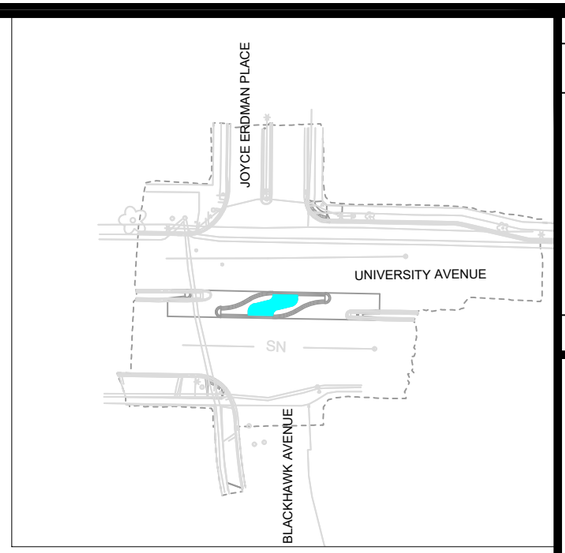
15200

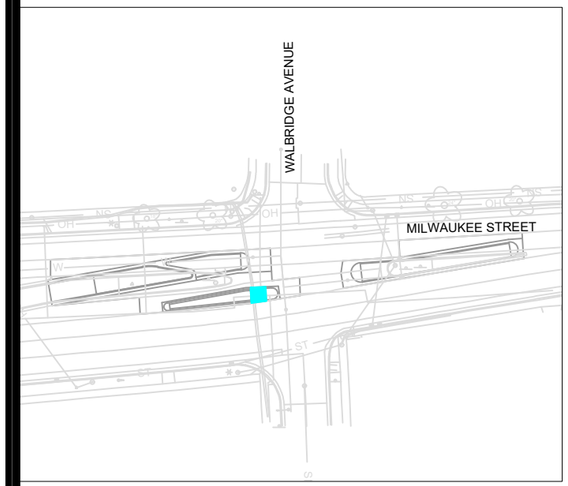
E-6

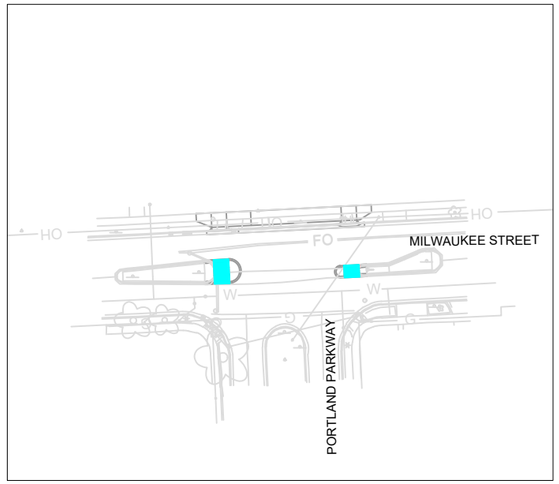


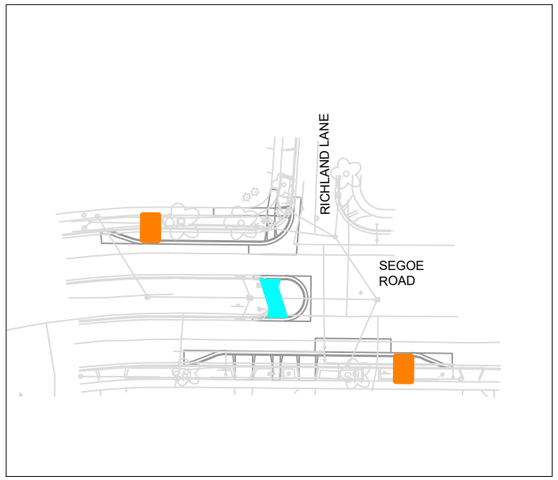


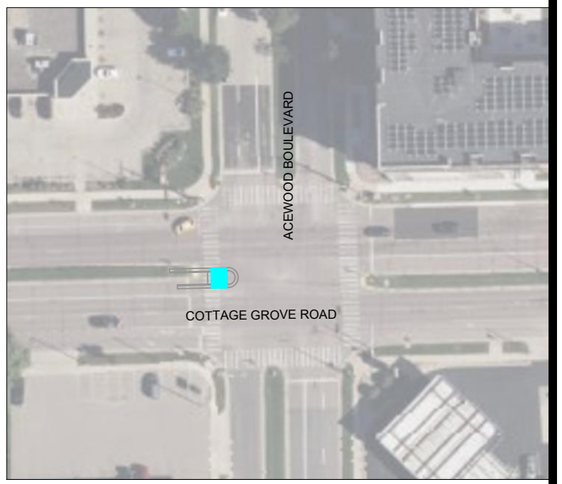












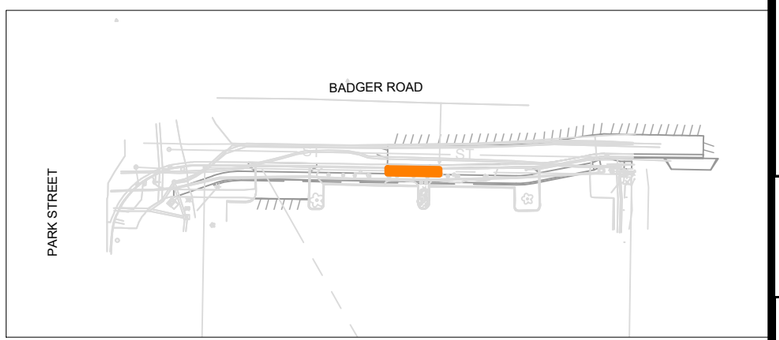
MAINTENANCE LEGEND:

= BUS STOP PAD REQUIRES SNOW REMOVAL BY CITY

=CROSSWALK ISLAND REQUIRE SNOW REMOVAL BY CITY

NOT FOR CONSTRUCTION - CITY RECORDS ONLY

SCALE 1"=100'



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MAINTENANCE PLAN (CITY USE ONLY)

MADISON, WI

SAFE STREETS 2025

CONTRACT NO: 8800

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CITY OF MADISON WISCONSIN

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MN-1