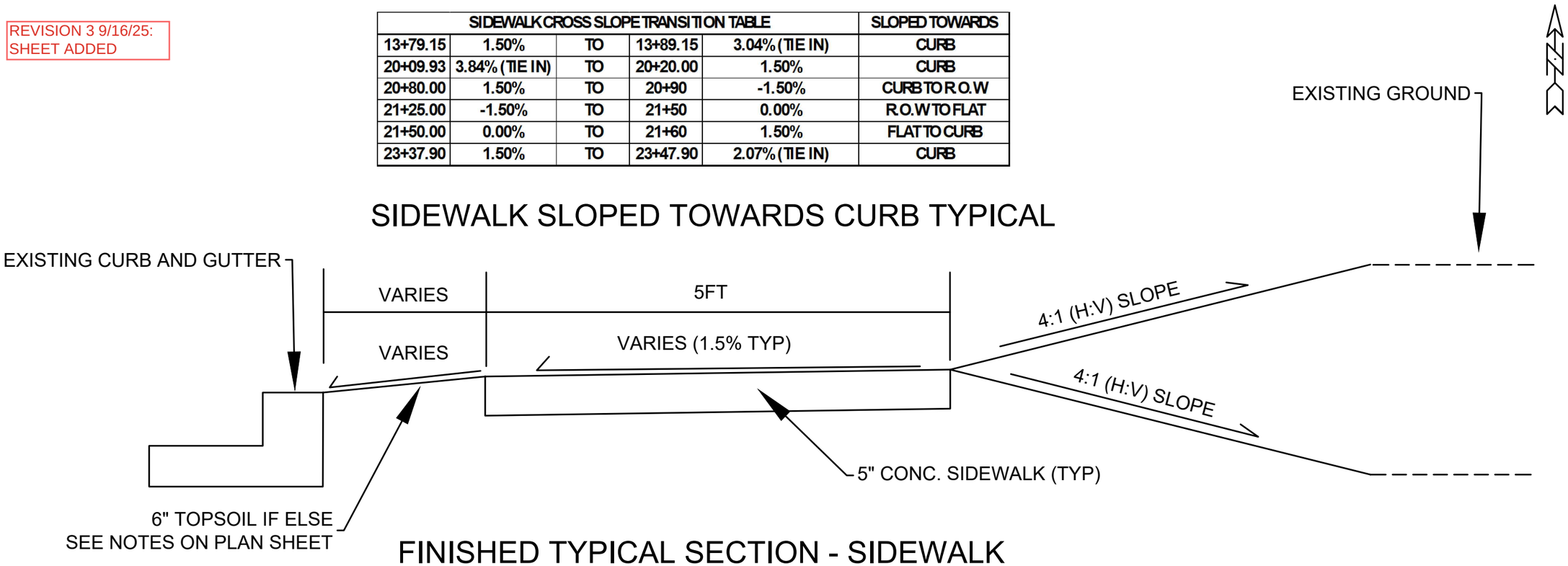
REVISION 3 9/16/25:
SHEET ADDED

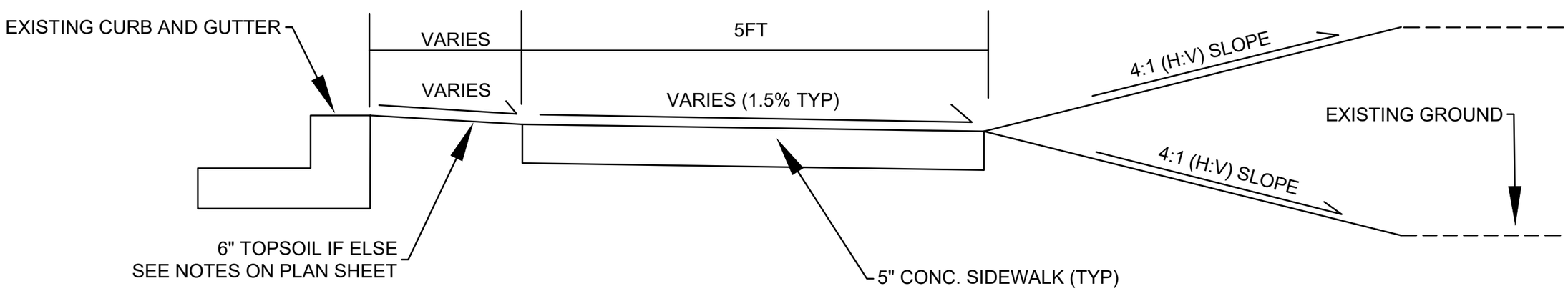
SIDEWALK CROSS SLOPE TRANSITION TABLE					SLOPED TOWARDS
13+79.15	1.50%	TO	13+89.15	3.04% (TIE IN)	CURB
20+09.93	3.84% (TIE IN)	TO	20+20.00	1.50%	CURB
20+80.00	1.50%	TO	20+90	-1.50%	CURB TO R.O.W
21+25.00	-1.50%	TO	21+50	0.00%	R.O.W TO FLAT
21+50.00	0.00%	TO	21+60	1.50%	FLAT TO CURB
23+37.90	1.50%	TO	23+47.90	2.07% (TIE IN)	CURB

SIDEWALK SLOPED TOWARDS CURB TYPICAL



FINISHED TYPICAL SECTION - SIDEWALK
STA 10+00 - 23+48.31

SIDEWALK SLOPED TOWARDS R.O.W TYPICAL



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Designed By: ### Date: 9/16/2025 6:04 PM Scale: Custom

15200

MADISON, WI 8800

CONTRACT NO:

STOUGHTON RD SIDEWALK - TYPICAL SECTIONS

SAFE STREETS 2025

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15200

ST1

LEGEND

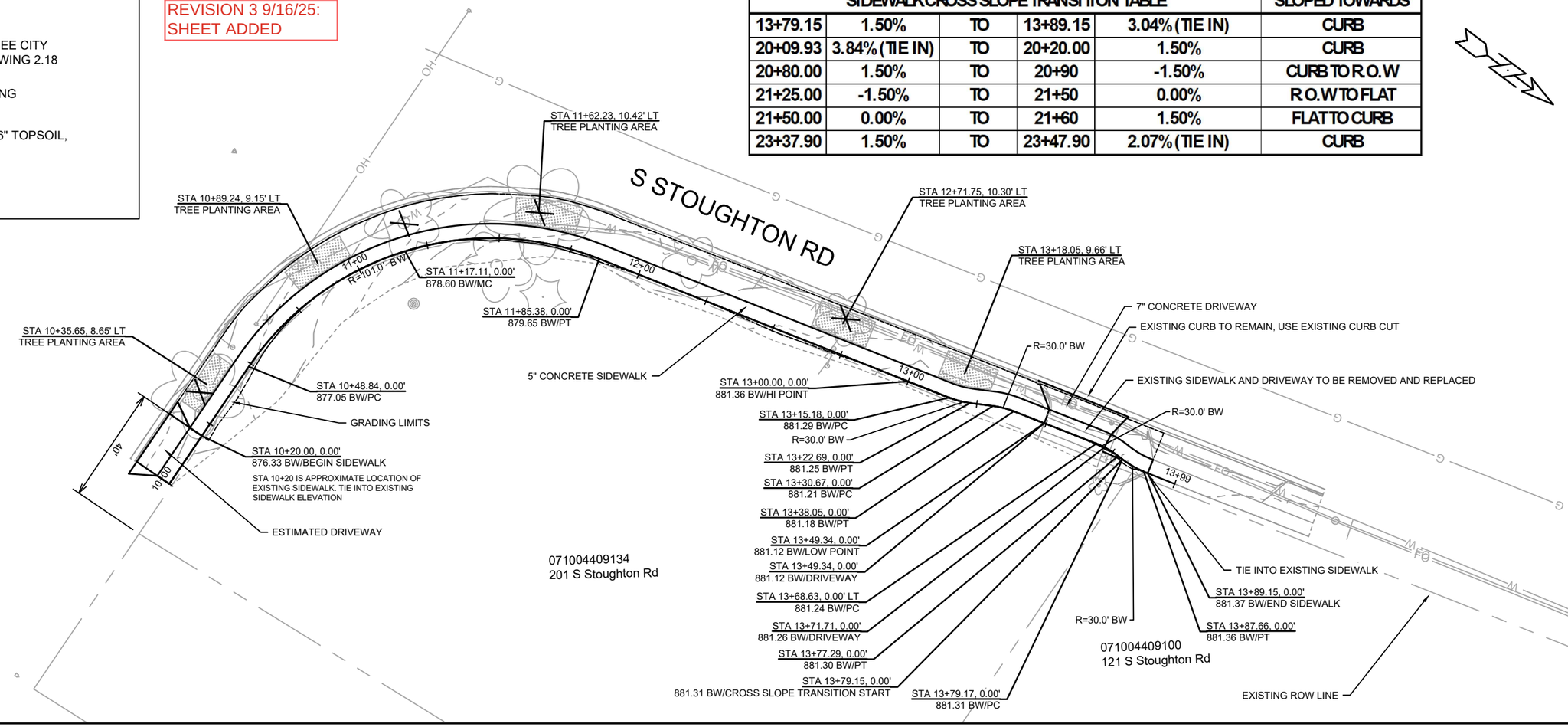
TREE PLANTING AREA SEE CITY STANDARD DETAIL DRAWING 2.18

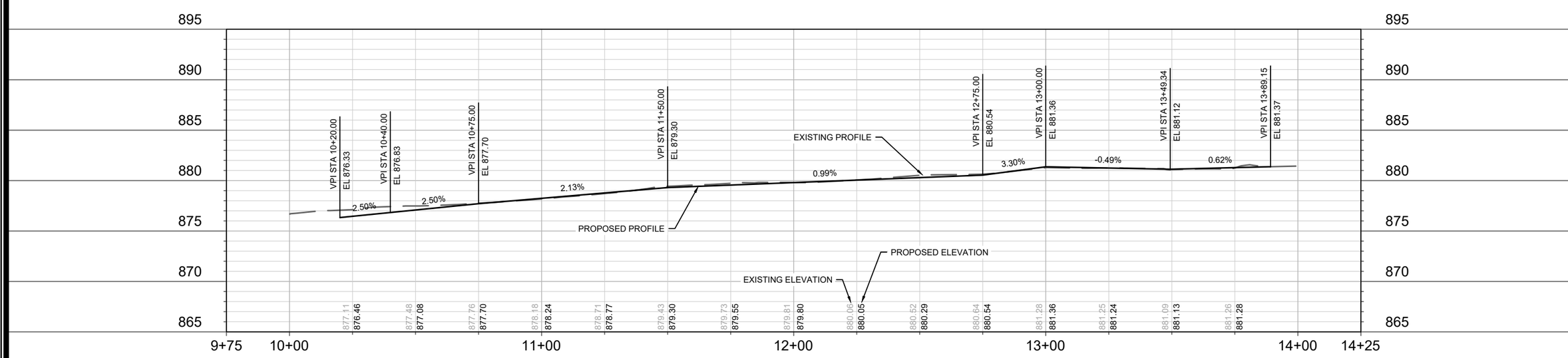
X CLEARING AND GRUBBING

TERRACE RESTORATION TO BE 6" TOPSOIL, SEEDING AND MATTING

REVISION 3 9/16/25:
SHEET ADDED

SIDEWALK CROSS SLOPE TRANSITION TABLE					SLOPED TOWARDS
13+79.15	1.50%	TO	13+89.15	3.04% (TIE IN)	CURB
20+09.93	3.84% (TIE IN)	TO	20+20.00	1.50%	CURB
20+80.00	1.50%	TO	20+90	-1.50%	CURB TO R.O.W
21+25.00	-1.50%	TO	21+50	0.00%	R.O.W TO FLAT
21+50.00	0.00%	TO	21+60	1.50%	FLAT TO CURB
23+37.90	1.50%	TO	23+47.90	2.07% (TIE IN)	CURB





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Designed By: ### | Date: 9/16/2025 6:04 PM | Scale: 1" = 40'

15200

MADISON, WI

CONTRACT NO: 8800

STOUGHTON RD SIDEWALK - PLAN & PROFILE

SAFE STREETS 2025

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15200

ST2

LEGEND

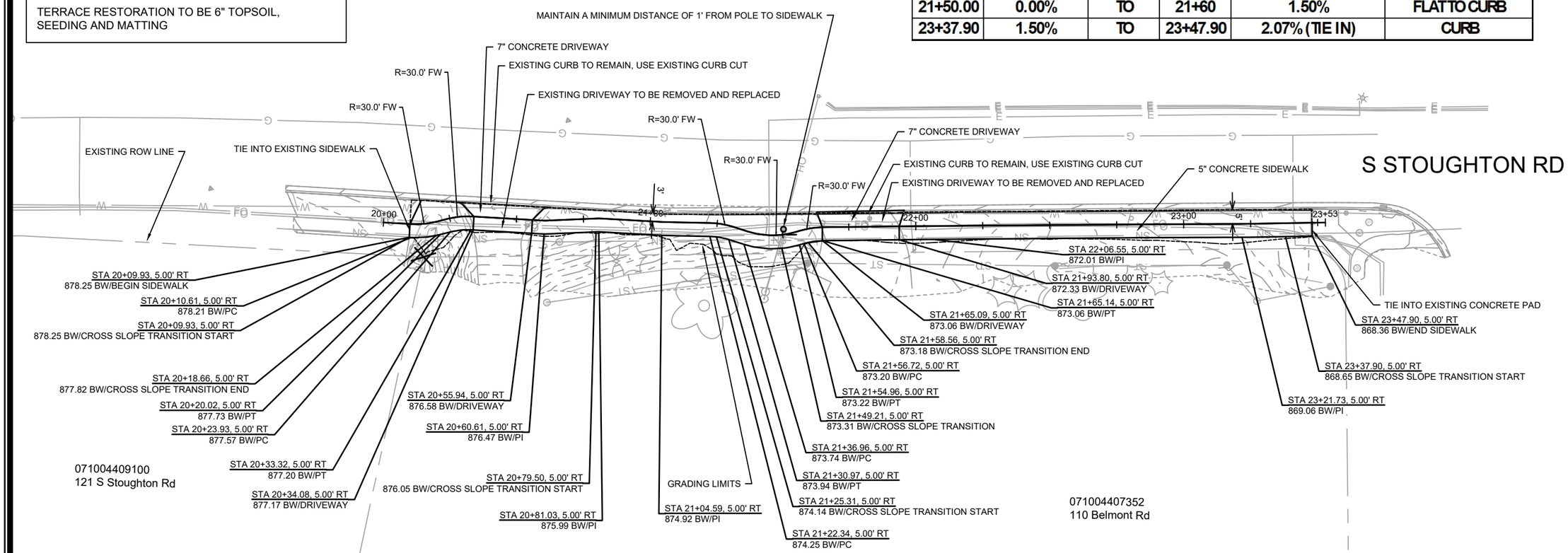
TREE PLANTING AREA SEE CITY STANDARD DETAIL DRAWING 2.18

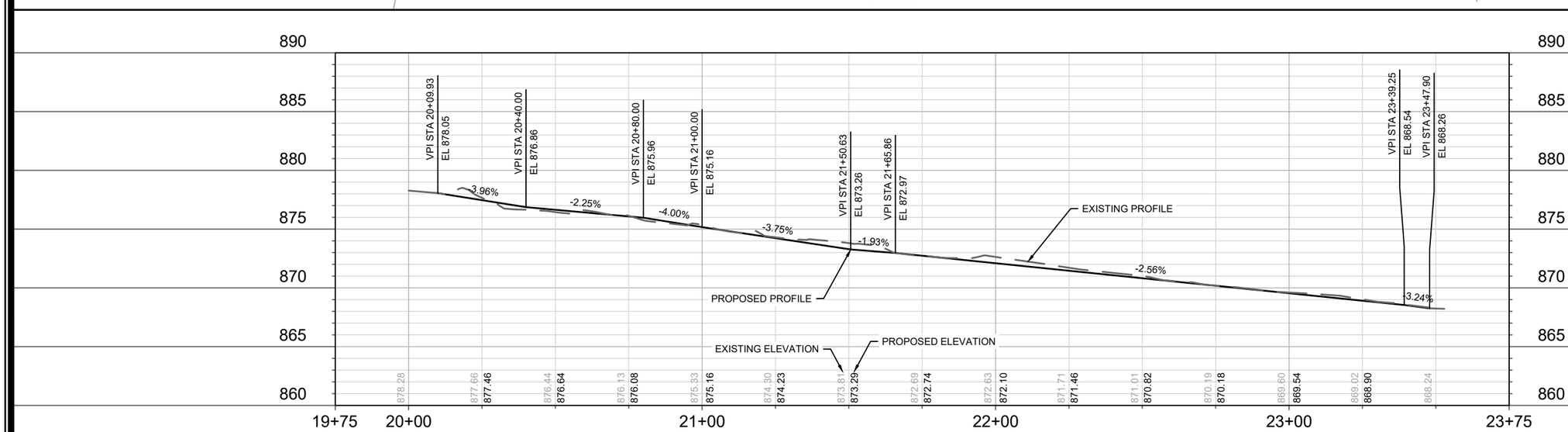
X CLEARING AND GRUBBING

TERRACE RESTORATION TO BE 6" TOPSOIL, SEEDING AND MATTING

REVISION 3 9/16/25: SHEET ADDED

SIDEWALK CROSS SLOPE TRANSITION TABLE					SLOPED TOWARDS
13+79.15	1.50%	TO	13+89.15	3.04% (TIE IN)	CURB
20+09.93	3.84% (TIE IN)	TO	20+20.00	1.50%	CURB
20+80.00	1.50%	TO	20+90	-1.50%	CURB TO R.O.W
21+25.00	-1.50%	TO	21+50	0.00%	R.O.W TO FLAT
21+50.00	0.00%	TO	21+60	1.50%	FLAT TO CURB
23+37.90	1.50%	TO	23+47.90	2.07% (TIE IN)	CURB





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Designed By: #### Date: 9/16/2025 6:04 PM Scale: 1" = 40'

15200 ST3

15200

MADISON, WI

8800

CONTRACT NO:

STOUGHTON RD SIDEWALK - PLAN & PROFILE

SAFE STREETS 2025

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CITY OF MADISON WISCONSIN

15200

ST3

REVISION 3 9/16/25:
SHEET ADDED

10+37.50

10+75.00

11+12.50

10+25.00

10+62.50

11+00.00

10+12.50

10+50.00

10+87.50

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Designed By: #### Date: 9/16/2025 6:04 PM Scale: 1" = 20'

15200 ST4

15200

STOUGHTON RD SIDEWALK - CROSS SECTIONS

SAFE STREETS 2025

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MADISON, WI

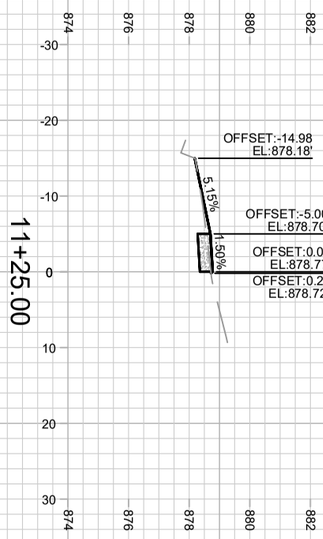
CONTRACT NO: 8800

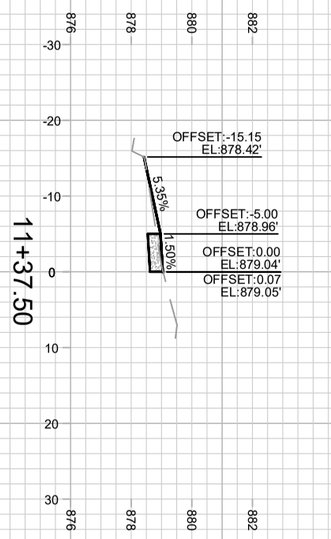
CITY OF MADISON WISCONSIN

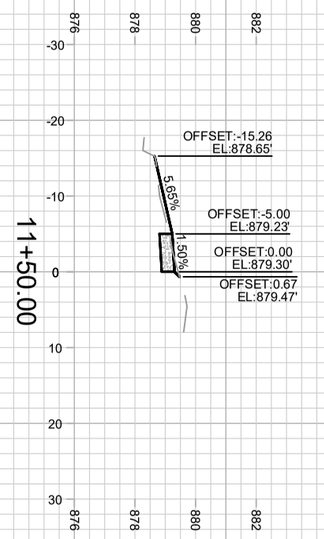
15200

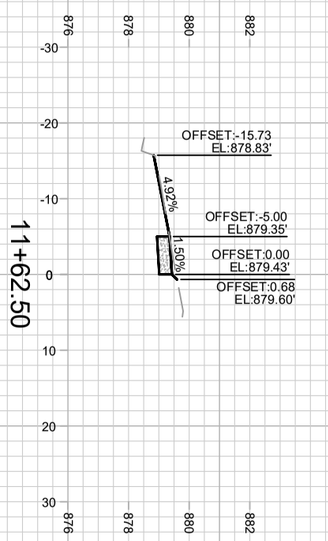
ST4

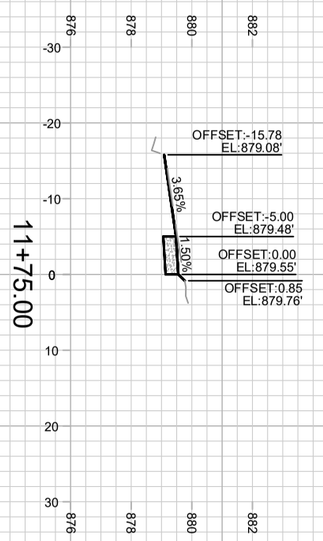
REVISION 3 9/16/25:
SHEET ADDED

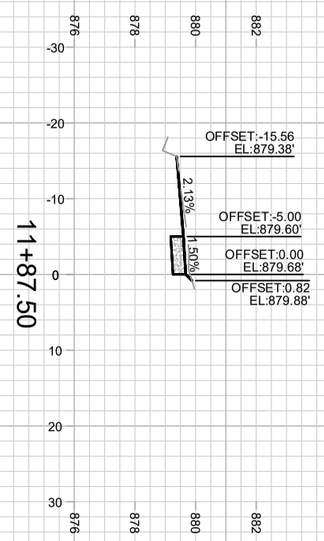


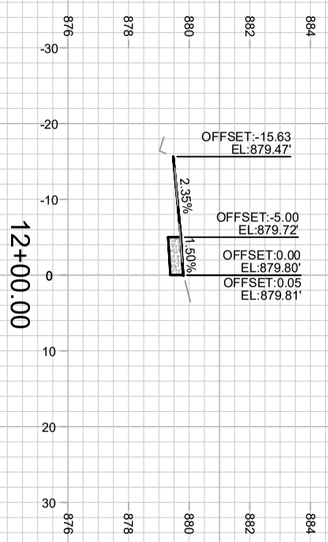


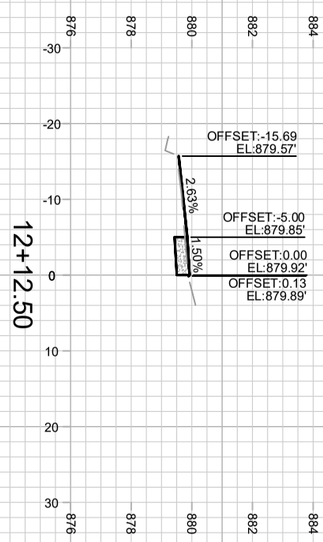


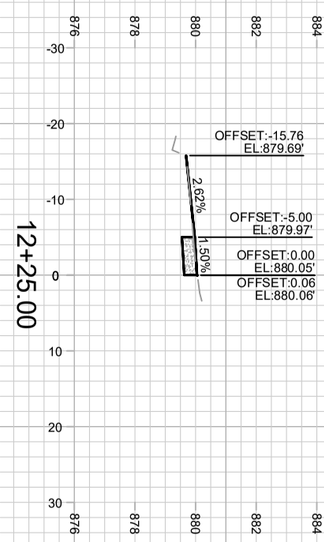












ST5

15200

STOUGHTON RD SIDEWALK - CROSS SECTIONS 15200

SAFE STREETS 2025 MADISON, WI

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Designed By: ### | Date: 9/16/2025 6:04 PM | Scale: 1" = 20'

15200 | ST5

REVISION 3 9/16/25:
SHEET ADDED

12+62.50

13+00.00

13+37.50

12+50.00

12+87.50

13+25.00

12+37.50

12+75.00

13+12.50

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Designed By: #### Date: 9/16/2025 6:04 PM Scale: 1" = 20'

15200 ST6

15200

STOUGHTON RD SIDEWALK - CROSS SECTIONS

SAFE STREETS 2025

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MADISON, WI

CONTRACT NO: 8800

15200

ST6

REVISION 3 9/16/25:
SHEET ADDED

13+75.00

13+62.50

13+50.00

13+87.50

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Designed By: #### Date: 9/16/2025 6:04 PM Scale: 1" = 20'

15200

MADISON, WI

CONTRACT NO: 8800

STOUGHTON RD SIDEWALK - CROSS SECTIONS

SAFE STREETS 2025

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15200

ST7

REVISION 3 9/16/25:
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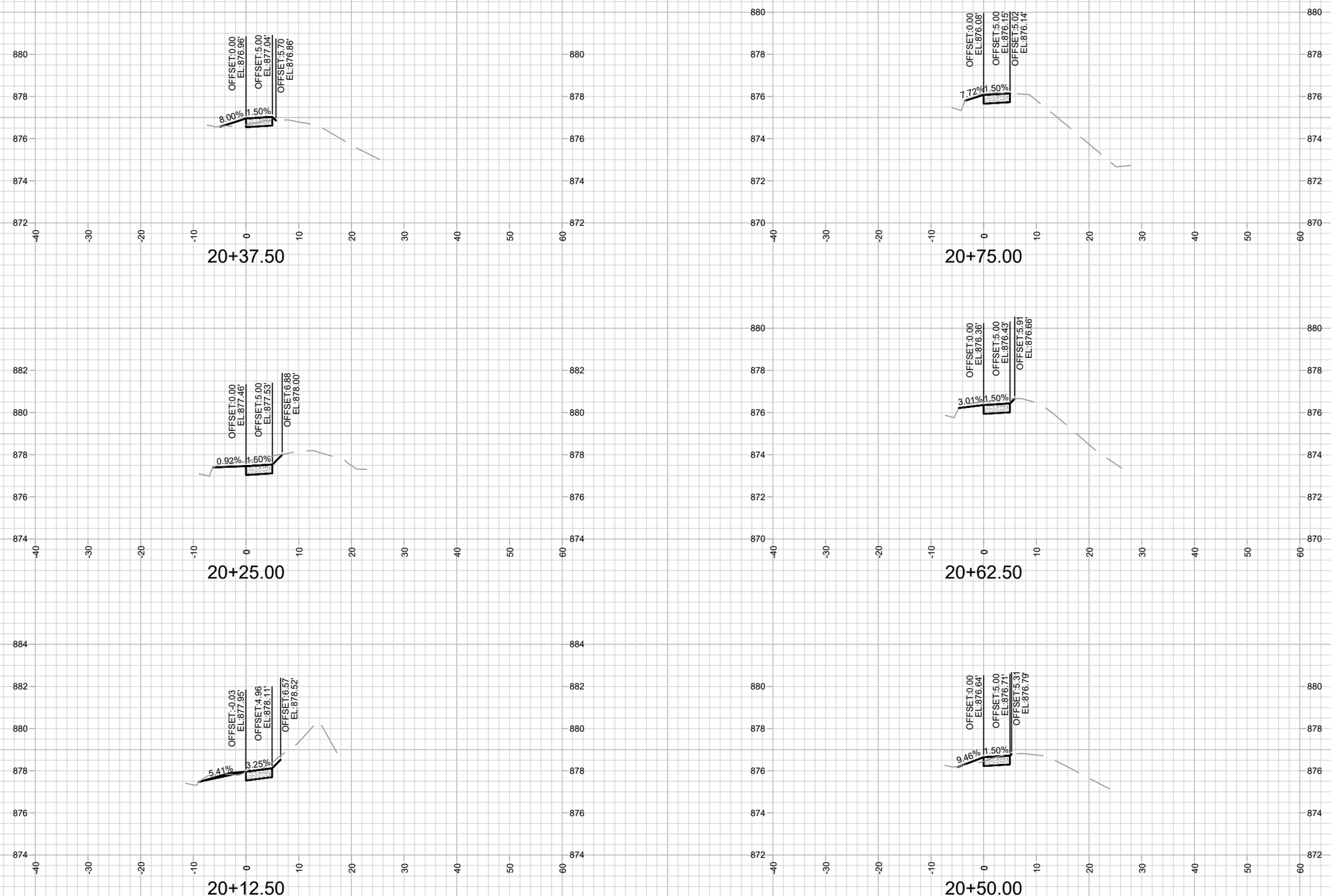

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15200

STOUGHTON RD SIDEWALK - CROSS SECTIONS

SAFE STREETS 2025

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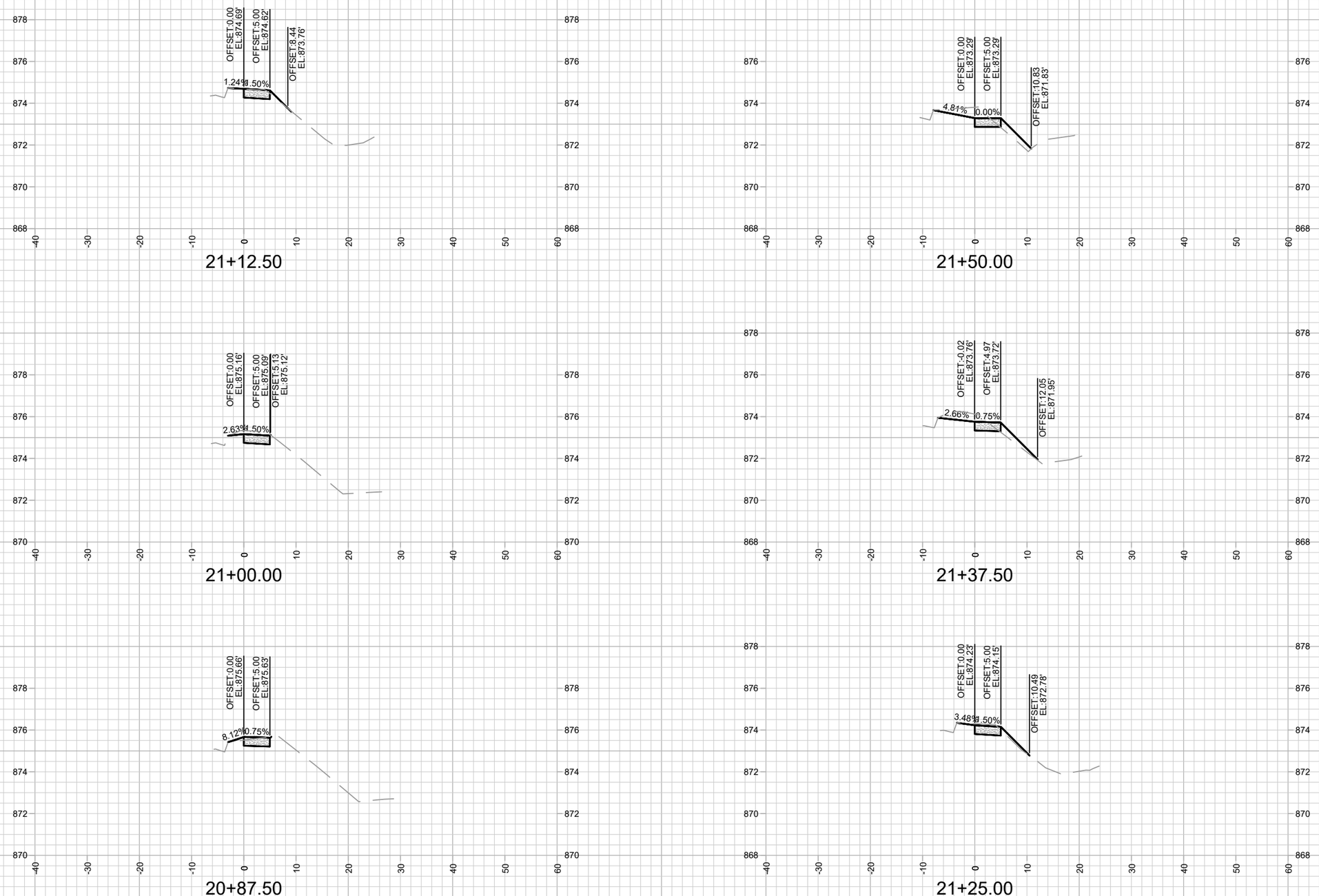
MADISON, WI

CONTRACT NO: 8800

15200

ST8

REVISION 3 9/16/25:
SHEET ADDED



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Designed By: #### Date: 9/16/2025 6:05 PM Scale: 1" = 20'

15200

STOUGHTON RD SIDEWALK - CROSS SECTIONS

SAFE STREETS 2025

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MADISON, WI

CONTRACT NO: 8800

15200

ST9

REVISION 3 9/16/25:
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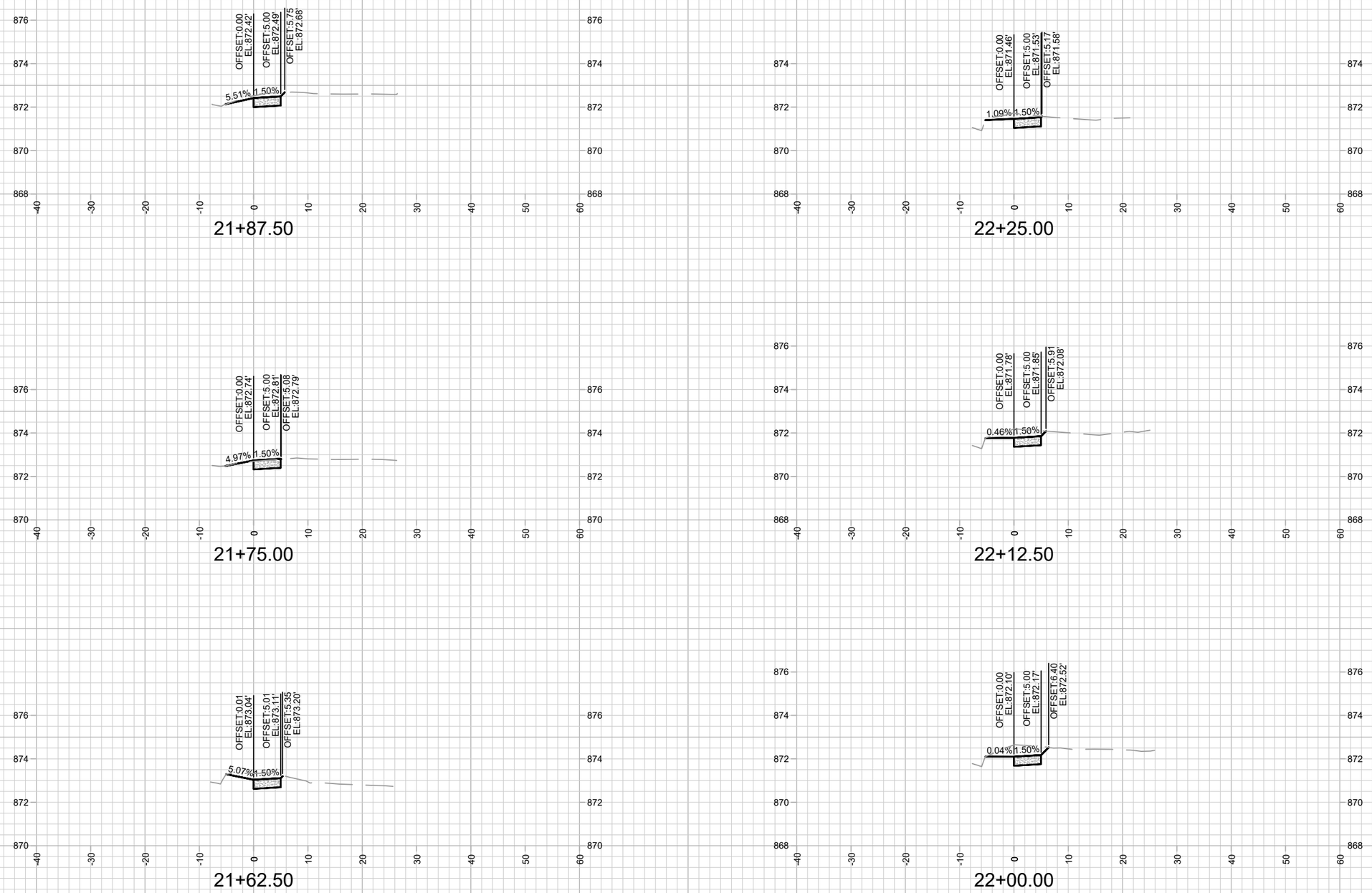

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15200

15200

MADISON, WI

8800

CONTRACT NO:

STOUGHTON RD SIDEWALK - CROSS SECTIONS

SAFE STREETS 2025

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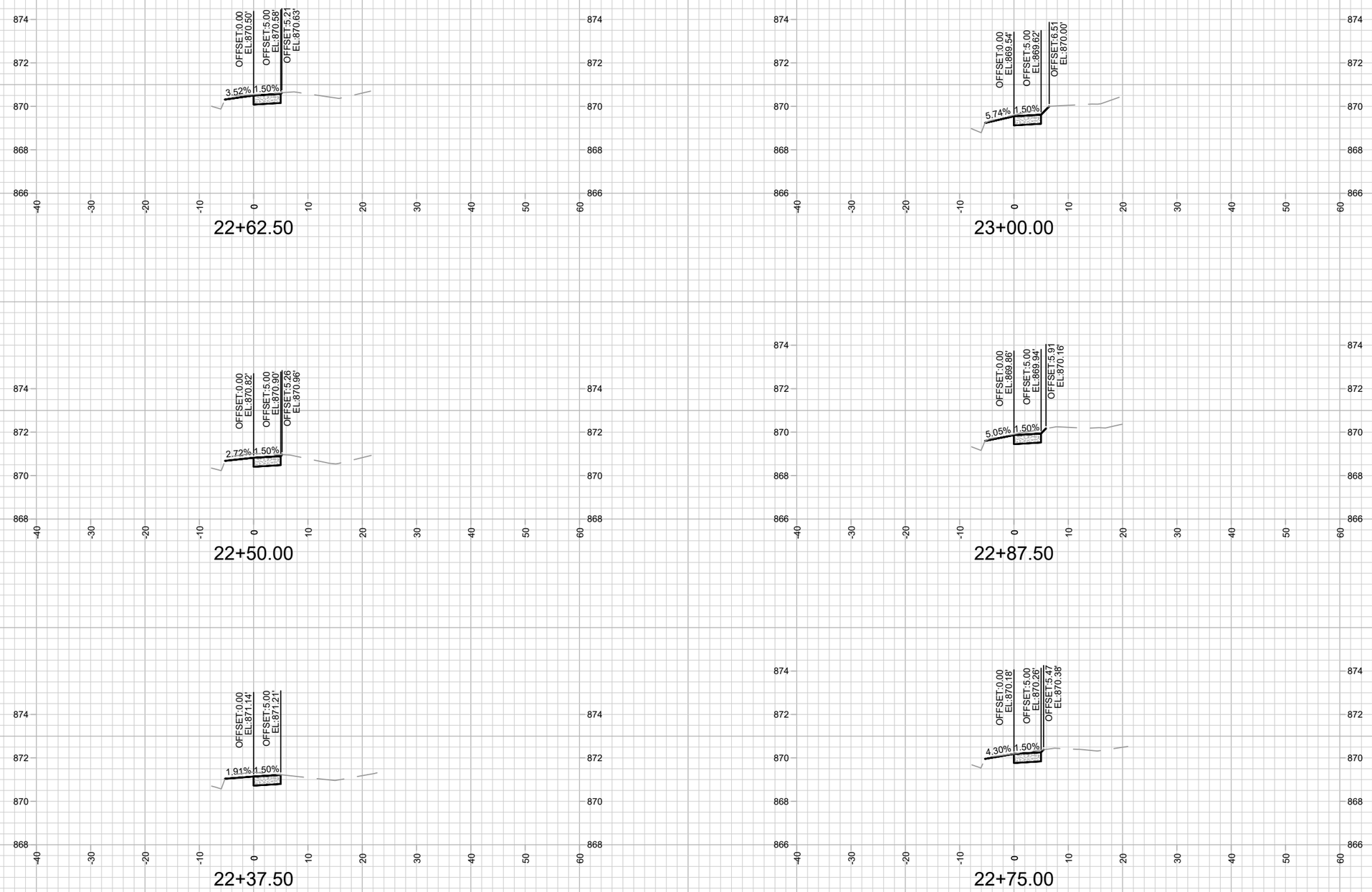
15200

ST10

ST10

REVISION 3 9/16/25:
SHEET ADDED



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15200

MADISON, WI

8800

CONTRACT NO:

STOUGHTON RD SIDEWALK - CROSS SECTIONS

SAFE STREETS 2025

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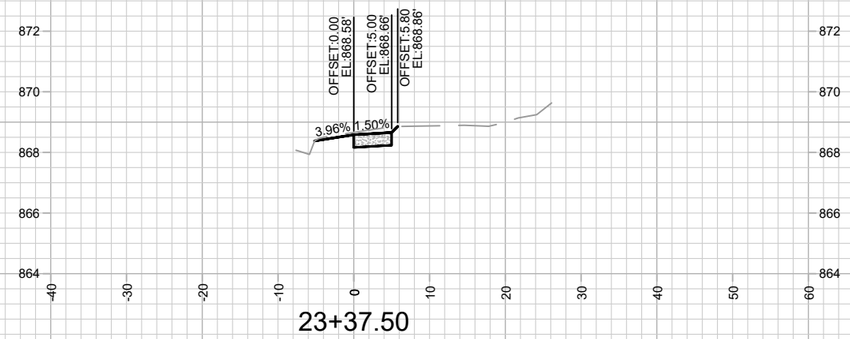
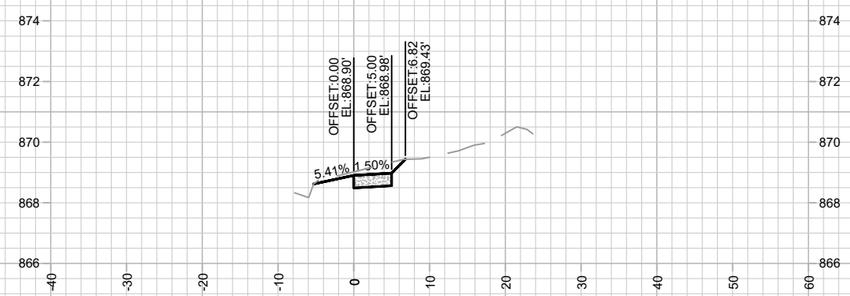
15200

ST11

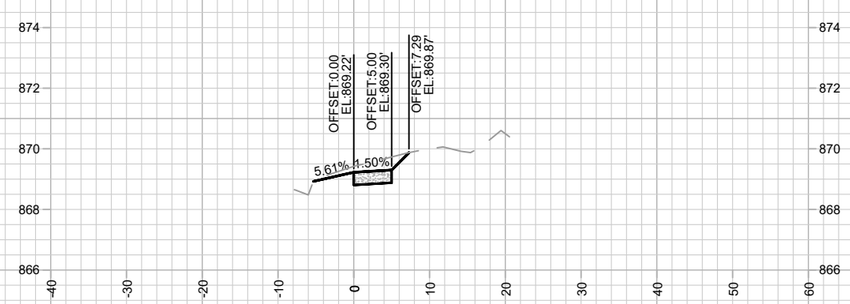
REVISION 3 9/16/25:
SHEET ADDED



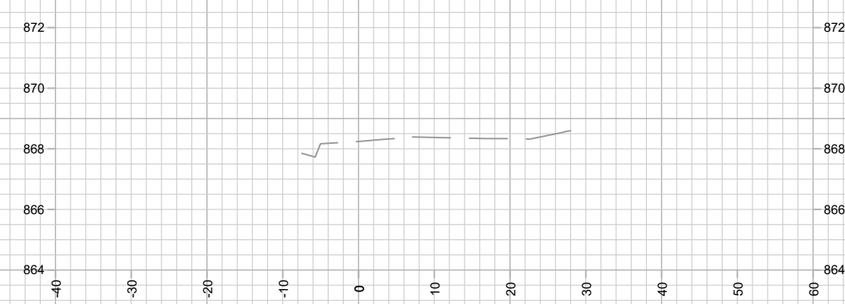
23+37.50



23+25.00



23+12.50



23+50.00

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Date: 9/16/2025 6:05 PM
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15200

STOUGHTON RD SIDEWALK - CROSS SECTIONS

SAFE STREETS 2025

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15200

MADISON, WI

CONTRACT NO: 8800

15200

ST12

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

NOTES:

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

CONVENTIONAL SIGNS
FIELD VERIFY ALL UTILITY LOCATIONS

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

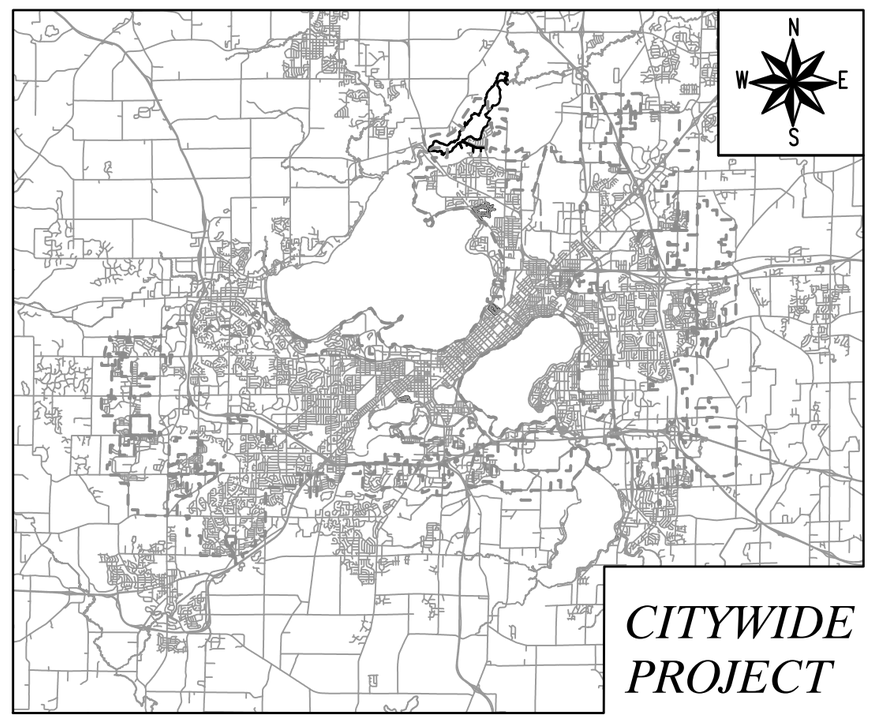
REVISION 1: 7/09/25
ADDED METRO BUSPADS BS1-BS3
REVISED BT1,BC2,BC6

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

REVISION 3: 9/16/25
ADDED ST1-ST12

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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Designed By: JLS | Date: 2/11/2025 9:08 AM | Scale: 1" = 20' | D-1

15200

MADISON, WI

CONTRACT NO: 8800

ELECTRICAL PLAN NOTES

SAFE STREETS MADISON 2024

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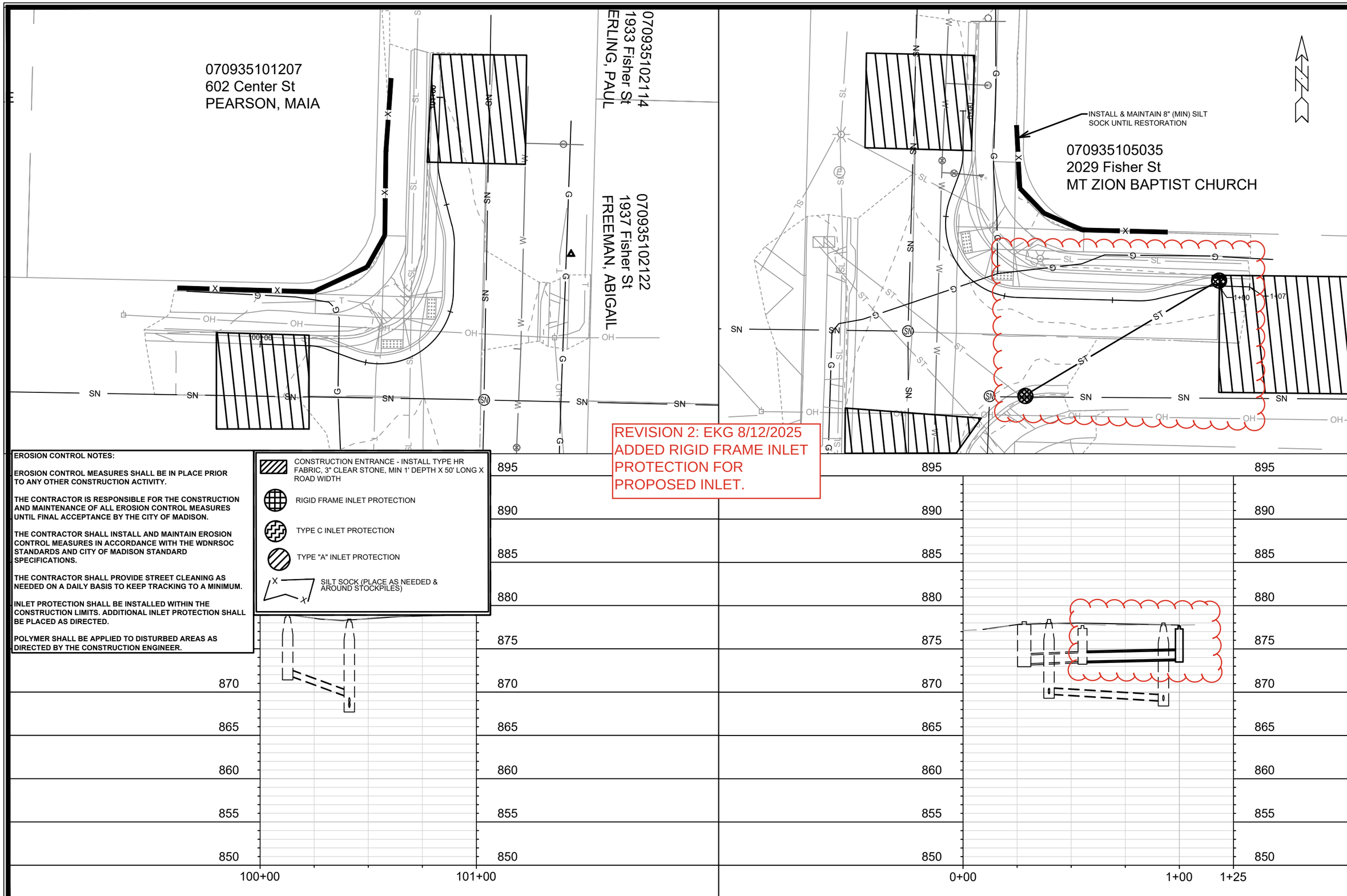
15200

D-1



EROSION CONTROL NOTES:

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

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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 | FS-1

15200

MADISON, WI

8800

CONTRACT NO:

EROSION CONTROL PLAN - FISHER ST

SAFE STREETS 2025

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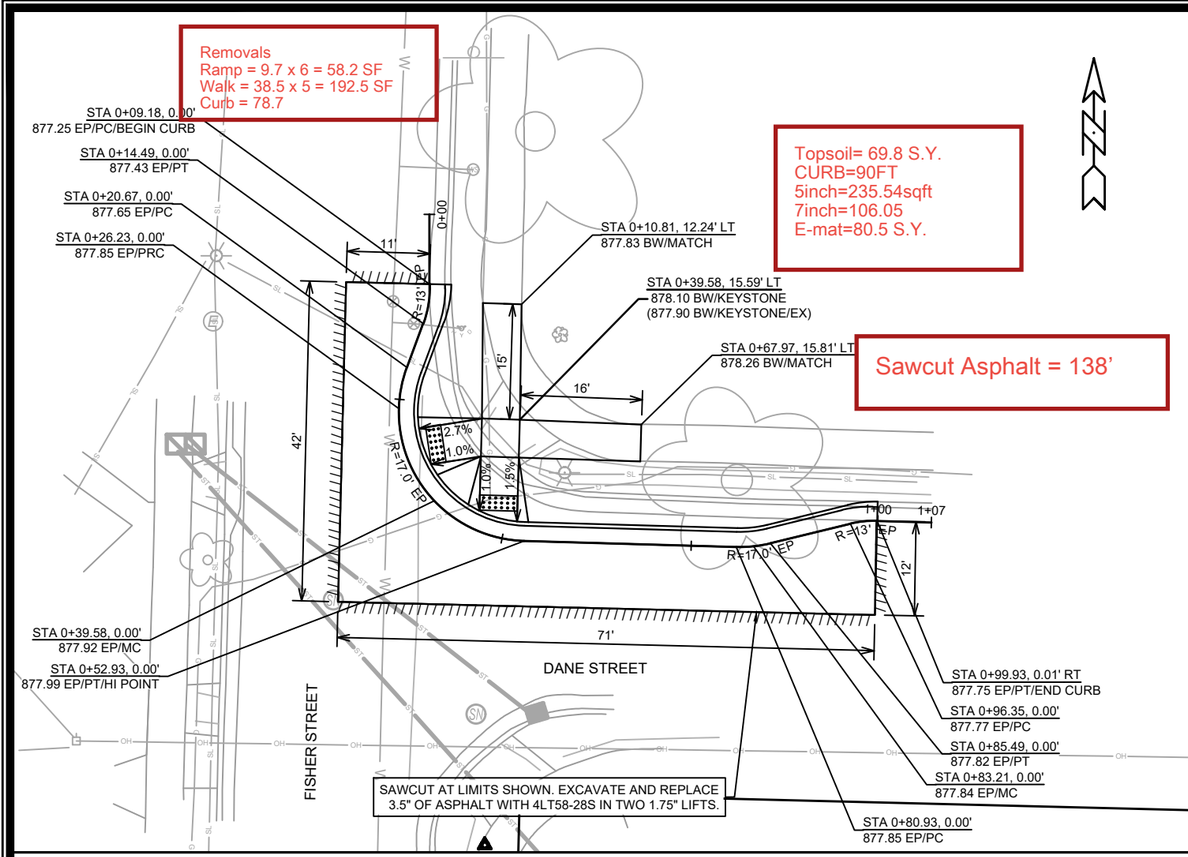
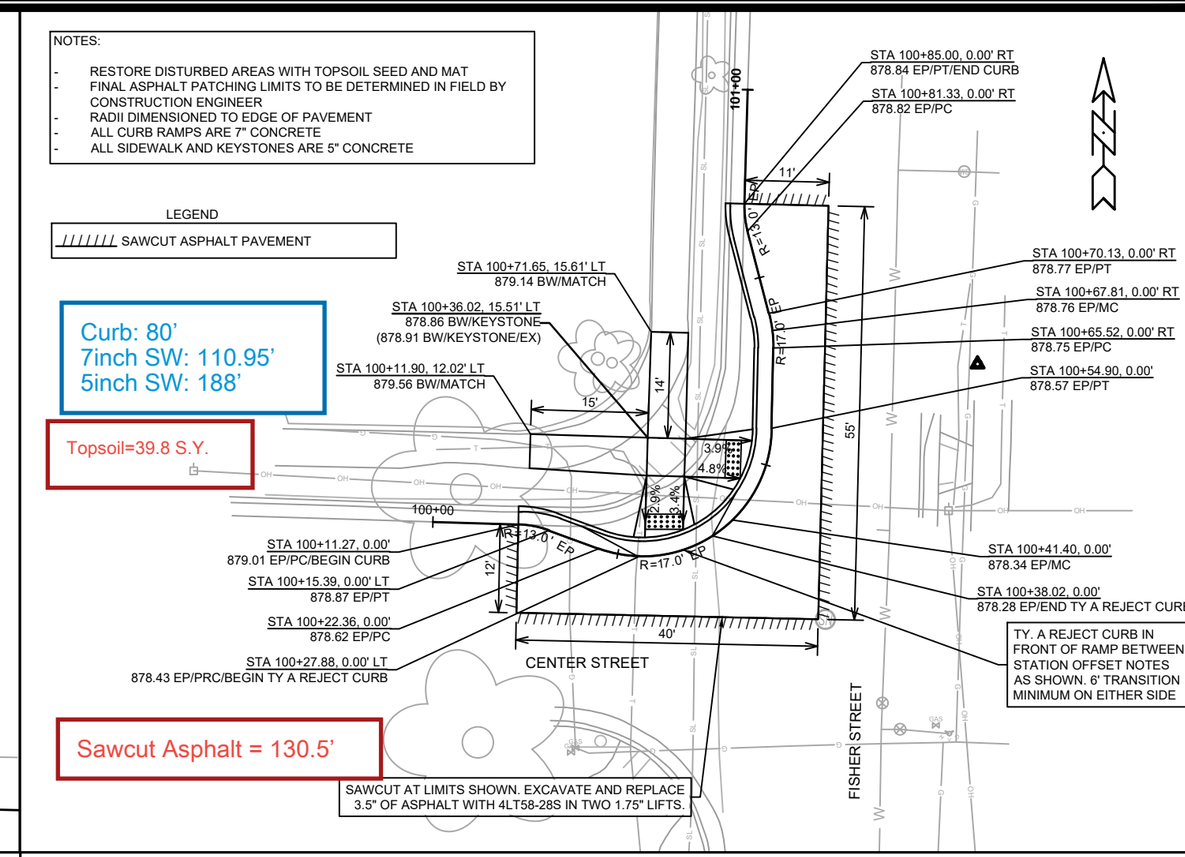
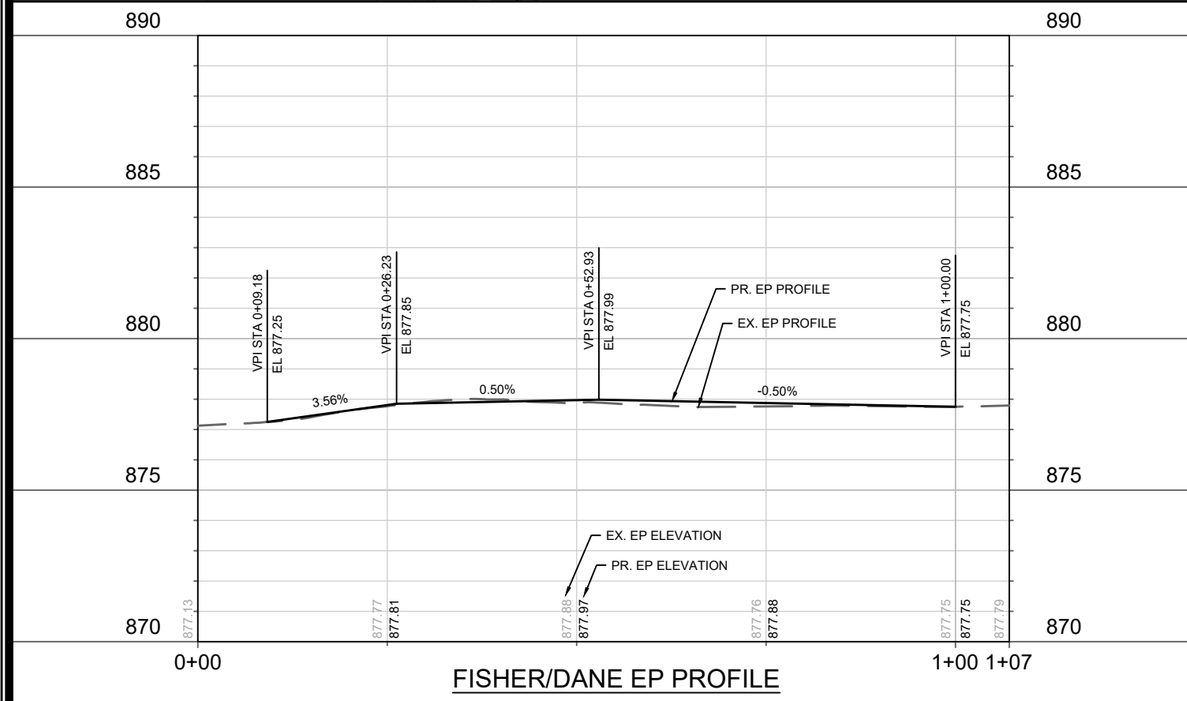
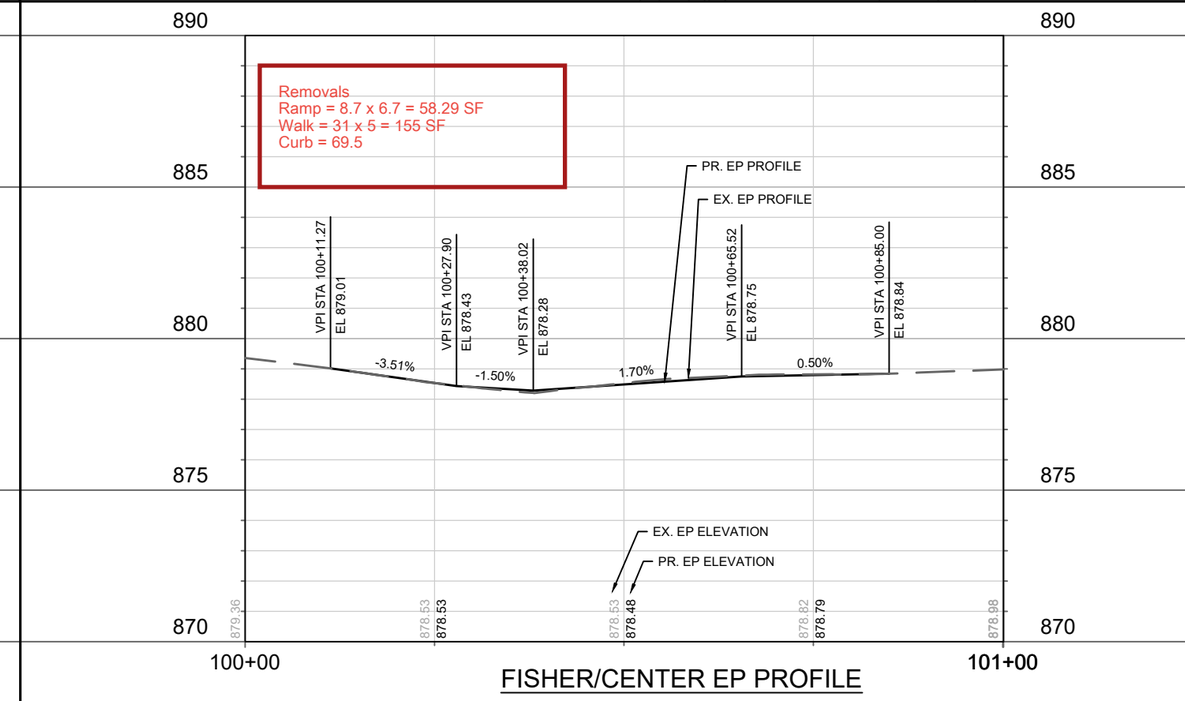
FS-1









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MADISON, WI

8800

CONTRACT NO:

FISHER CENTER DANE PLAN & PROFILE

SAFE STREETS 2025

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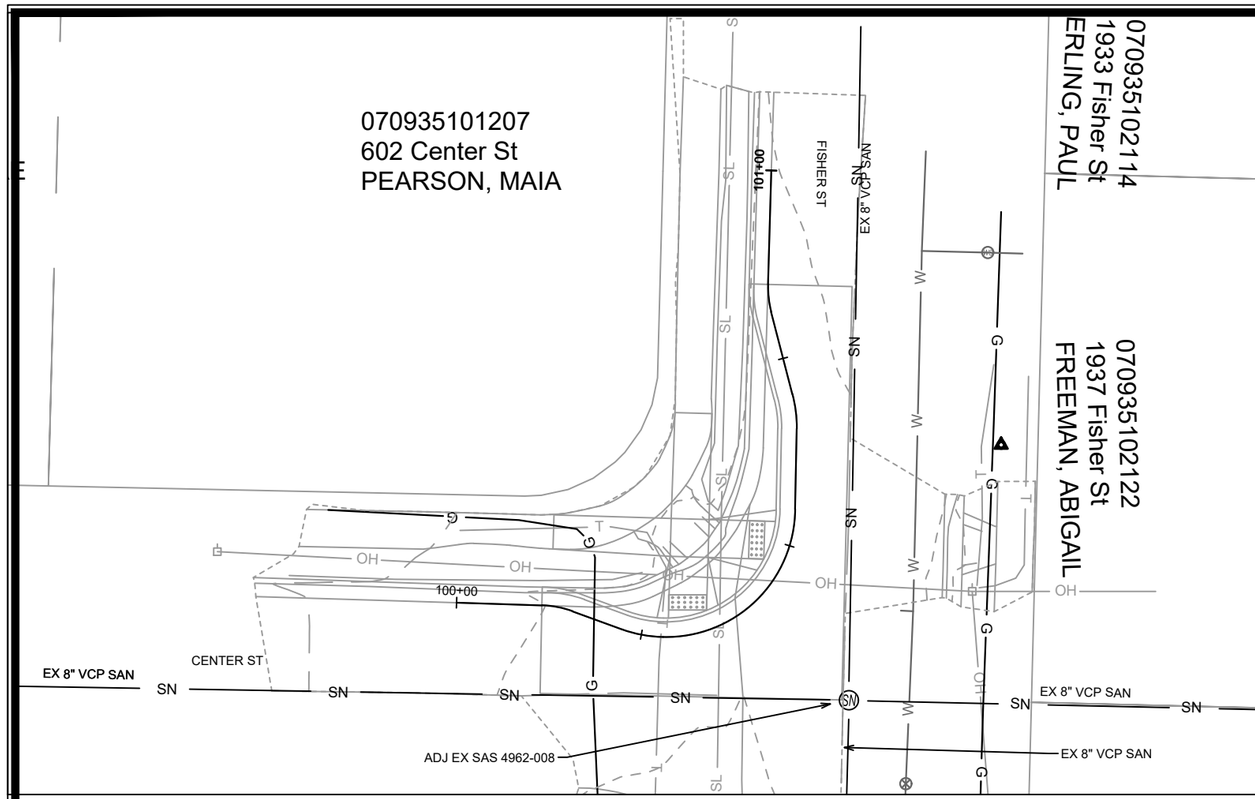
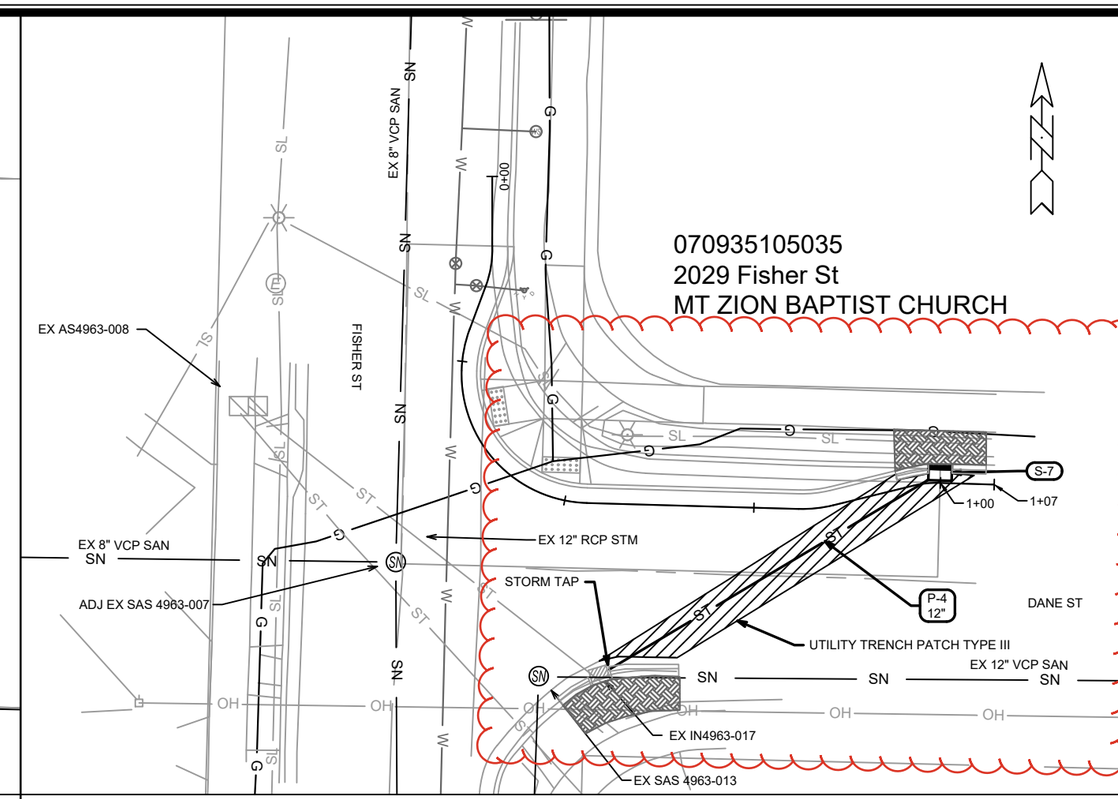
CITY OF MADISON WISCONSIN

15200

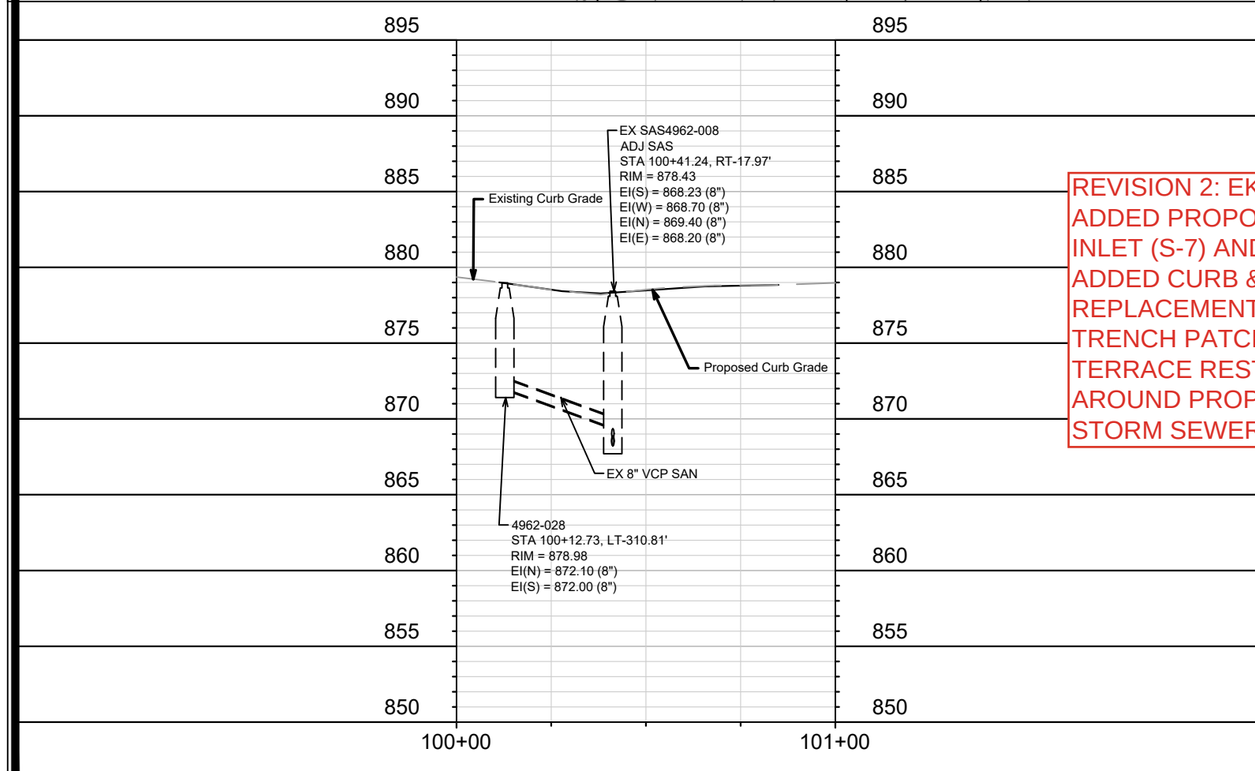
FS-2



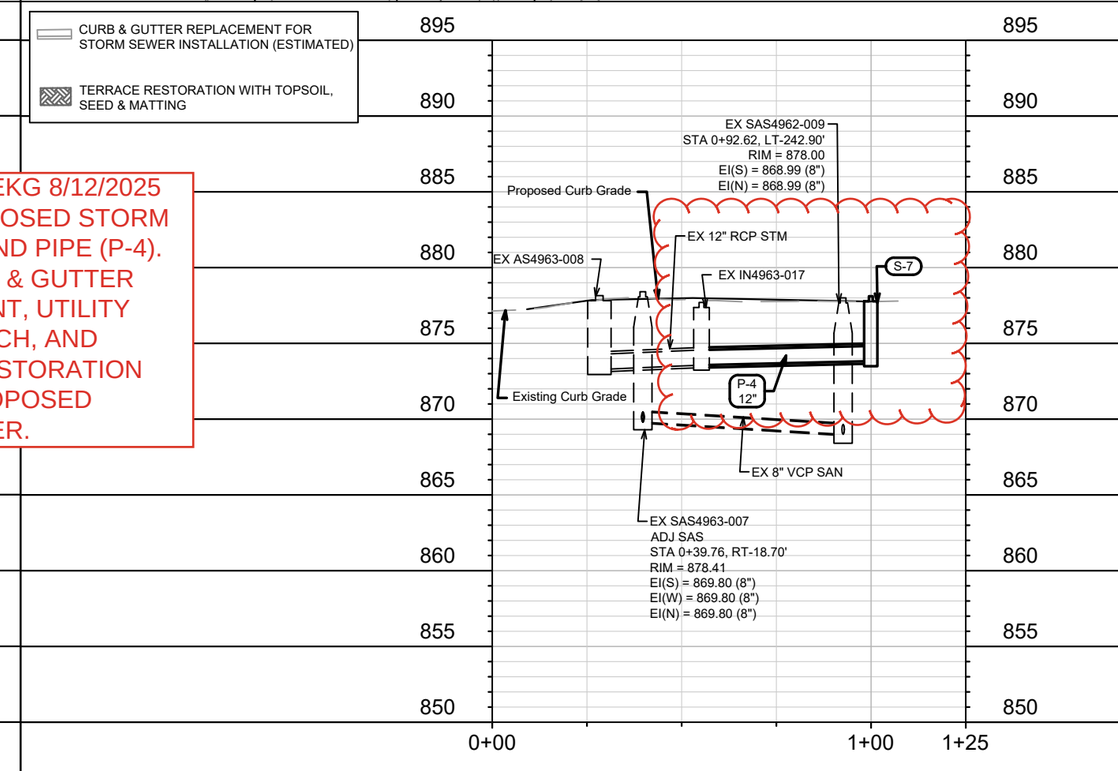


CURB & GUTTER REPLACEMENT FOR STORM SEWER INSTALLATION (ESTIMATED)

TERRACE RESTORATION WITH TOPSOIL, SEED & MATTING



REVISION 2: EKG 8/12/2025 ADDED PROPOSED STORM INLET (S-7) AND PIPE (P-4). ADDED CURB & GUTTER REPLACEMENT, UTILITY TRENCH PATCH, AND TERRACE RESTORATION AROUND PROPOSED STORM SEWER.



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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

STORM SEWER SCHEDULE

***REVISED BY EKG: 8/12/25**

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

PROPOSED STORM STRUCTURES

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

PROPOSED STORM PIPES

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

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

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

SPECIFIC NOTES

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

STANDARD NOTES:

- ABBREVIATIONS: AE = APRON ENDWALL; RCP = REINFORCED CONCRETE PIPE; HERCP = HORIZONTAL ELLIPTICAL REINFORCED CONCRETE PIPE; DNA = DOES NOT APPLY; SAS = SEWER ACCESS STRUCTURE; LP = LOW POINT INLET STRUCTURE; FP = FIELD POURED STRUCTURE; TR = TOP OF CONCRETE ROOF; NCM = NO CROWN MATCH FOR PIPES; UD = UNDERDRAIN
- TOP OF CASTING GRADE GIVEN IS THE TOP OF CURB FOR INLET STRUCTURES AND THE FLOWLINE OF THE CLOSED CASTING FOR SASs.
- TOP OF CONCRETE ROOF (TR) IS 1.25 BELOW TOP OF CASTING UNLESS OTHERWISE NOTED.
- ALL REINFORCED CONCRETE PIPES TO BE CLASS III UNLESS OTHERWISE NOTED.
- SURVEYOR TO CONFIRM THAT ALL INLET STATION / OFFSETS LINE UP WITH PROPOSED CURB AND GUTTER.
- ALL REBAR FOR FIELD POUR STRUCTURES SHALL BE EPOXY COATED. ANY EXPOSED STEEL SHALL BE TOUCHED UP OR RECOATED PRIOR TO USE.
- ALL FIELD POURED SAS STORM STRUCTURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD DETAIL DRAWING 5.7.3.
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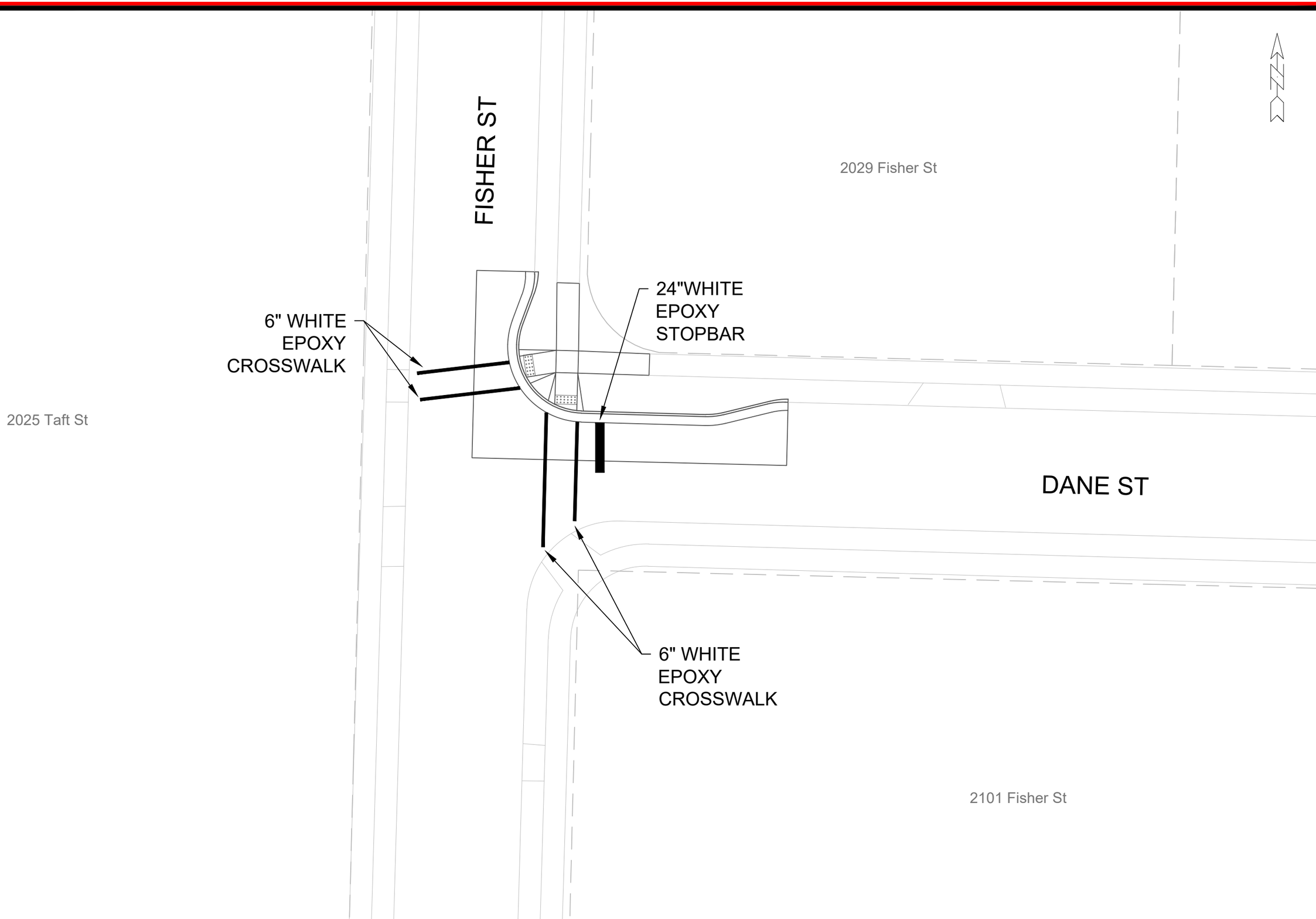

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FS-5

15200

MADISON, WI

8800

CONTRACT NO:

PAVEMENT MARKING PLAN - FISHER AND DANE

SAFE STREETS 2025

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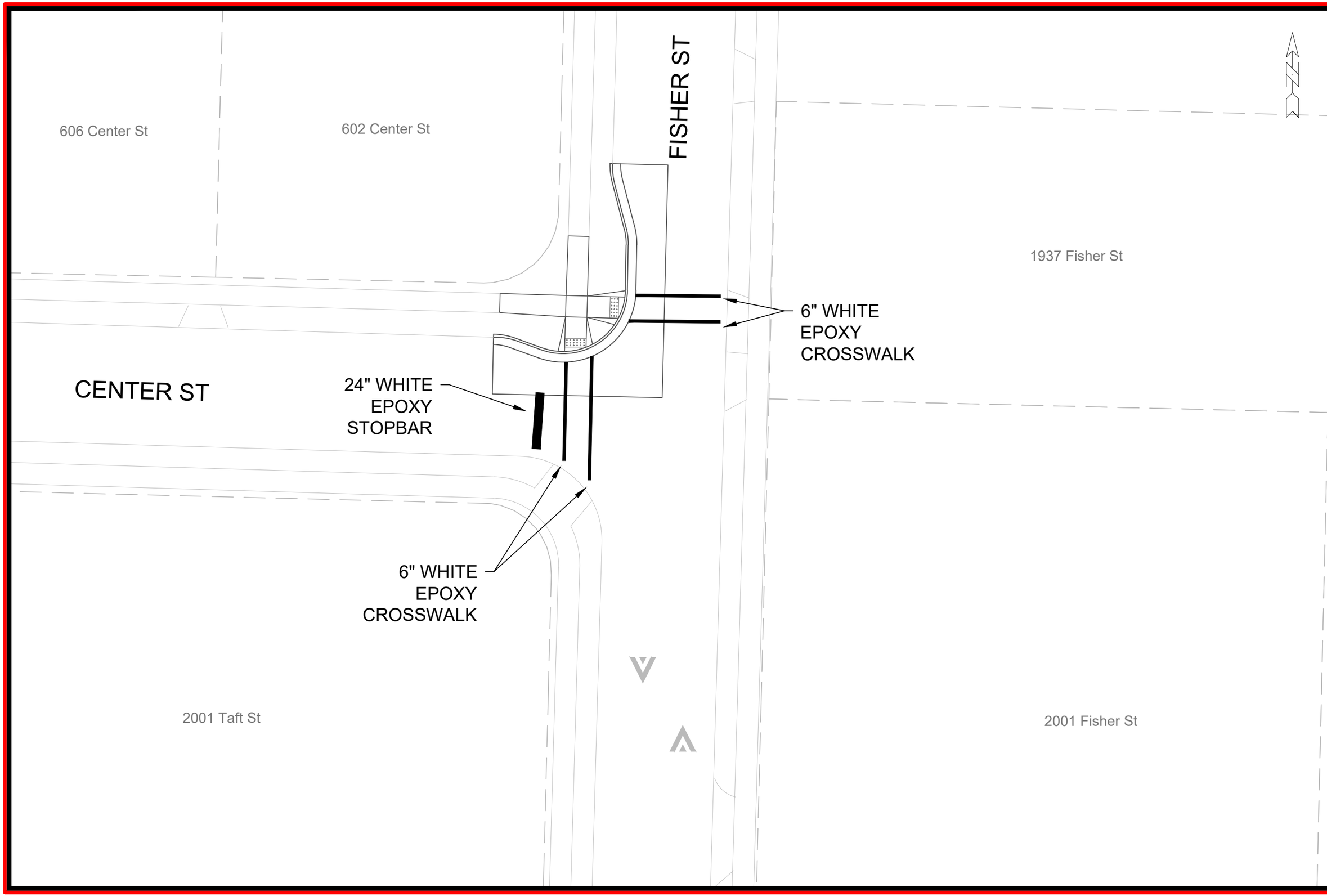

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PAVEMENT MARKING PLAN - FISHER AND CENTER

SAFE STREETS 2025

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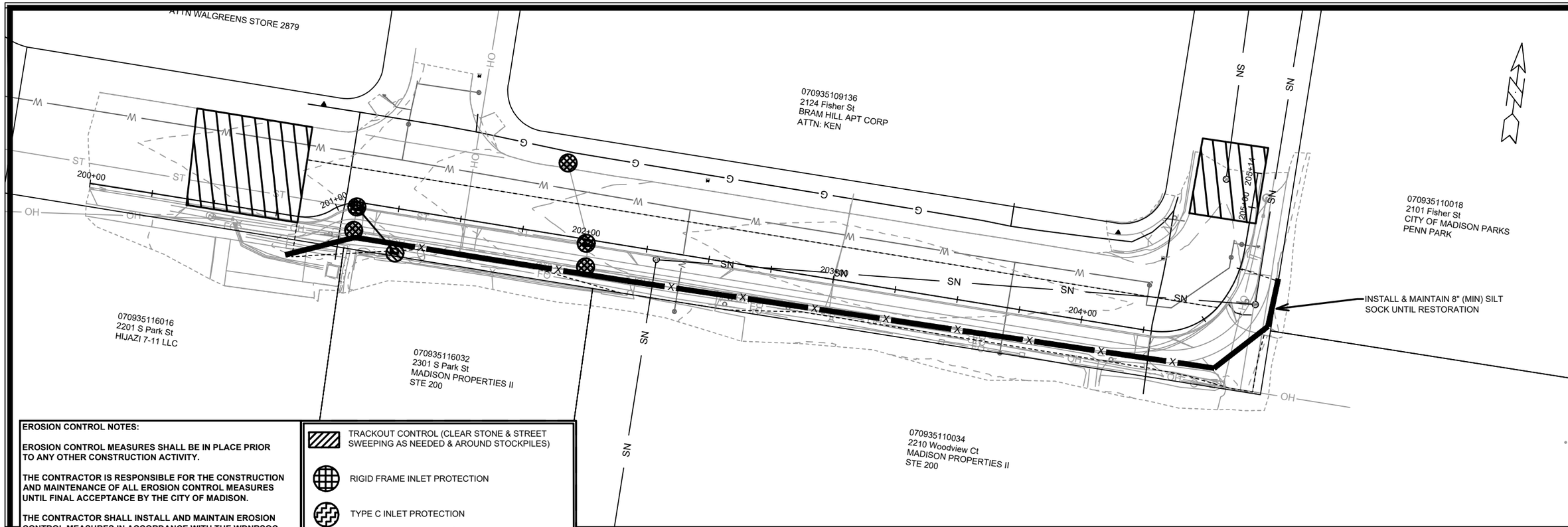
MADISON, WI

CONTRACT NO: 8800

15200

FS-6



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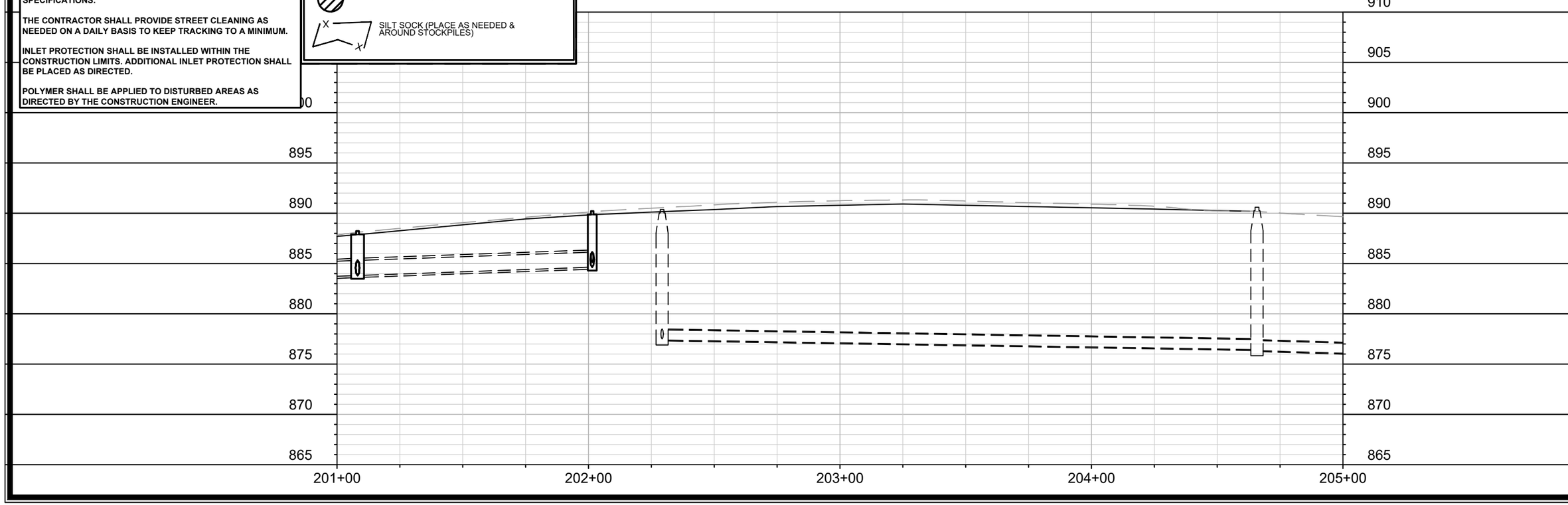
POLYMER SHALL BE APPLIED TO DISTURBED AREAS AS DIRECTED BY THE CONSTRUCTION ENGINEER.

- 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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BC-1

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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

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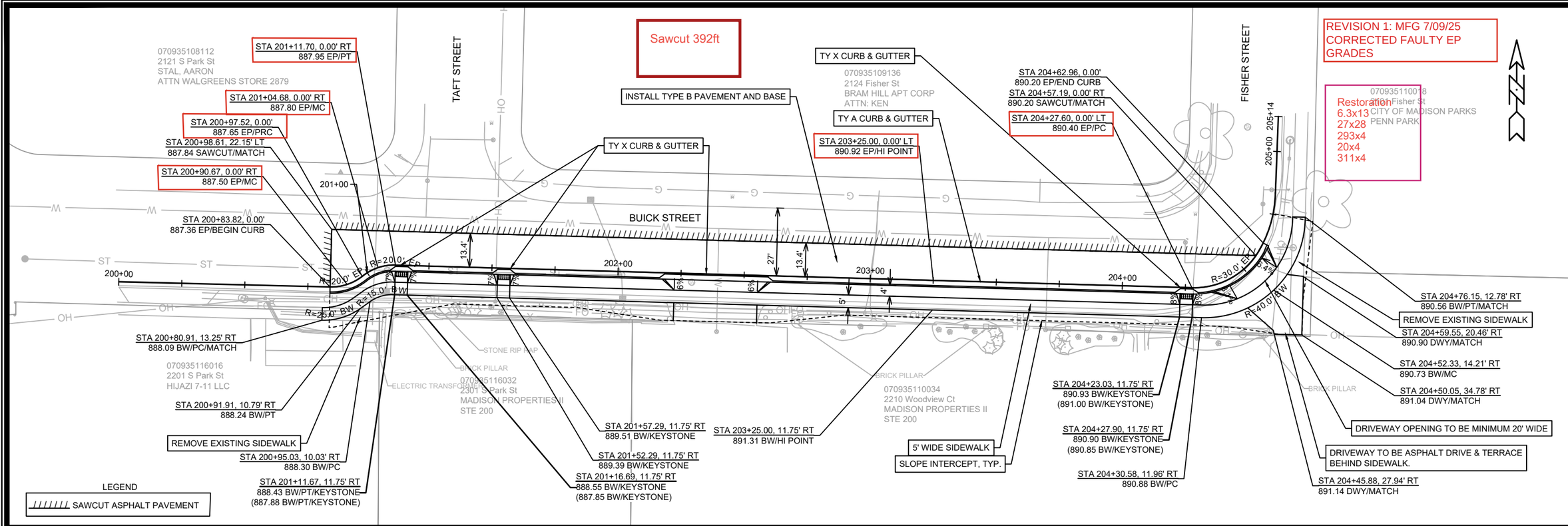


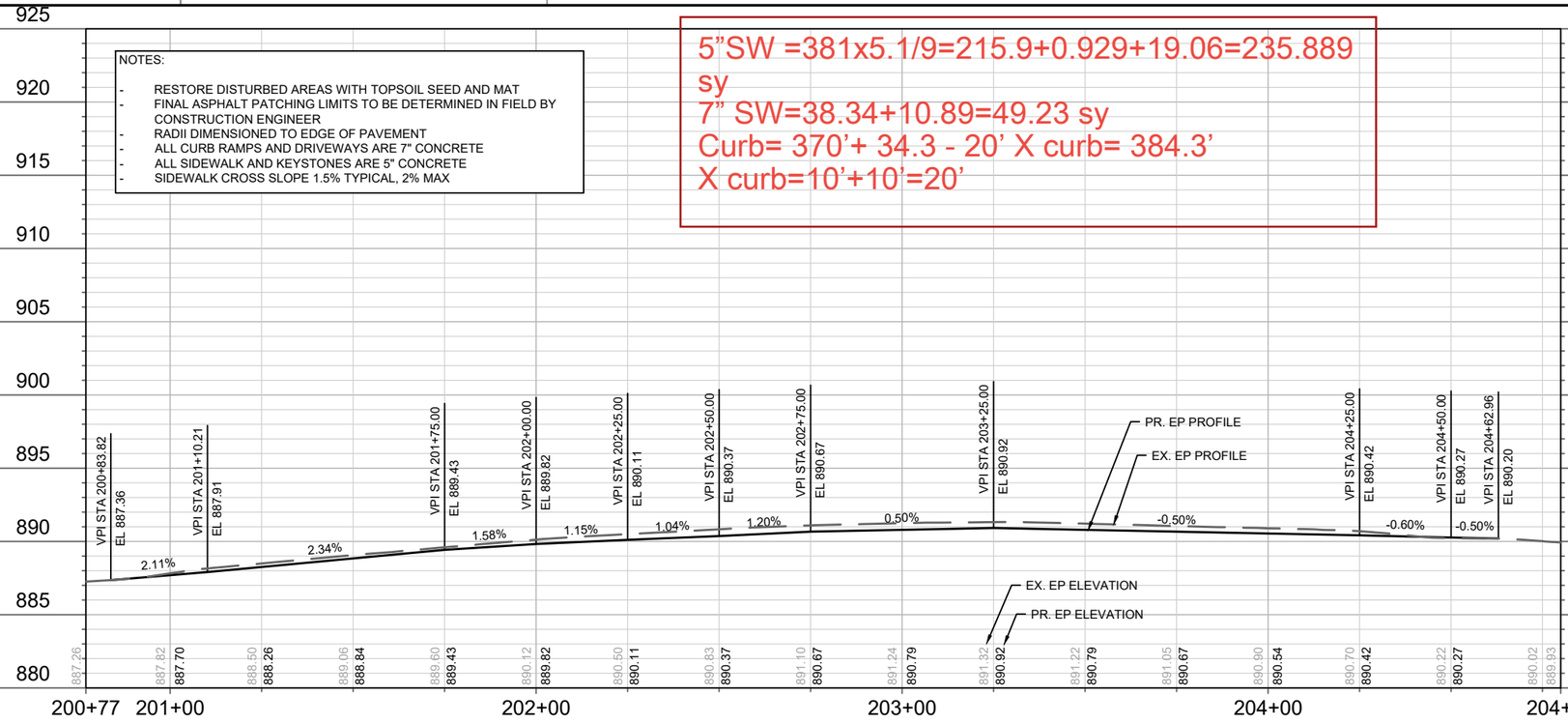
Removals
Walk = 56 x 5.2 = 291.2
(30' on East, 26' on West)

Curb = 381'

NOTES:

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

5"SW =381x5.1/9=215.9+0.929+19.06=235.889 sy
7" SW=38.34+10.89=49.23 sy
Curb= 370'+ 34.3 - 20' X curb= 384.3'
X curb=10'+10'=20'



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MADISON, WI

8800

CONTRACT NO:

BUICK STREET PLAN & PROFILE

SAFE STREETS 2025

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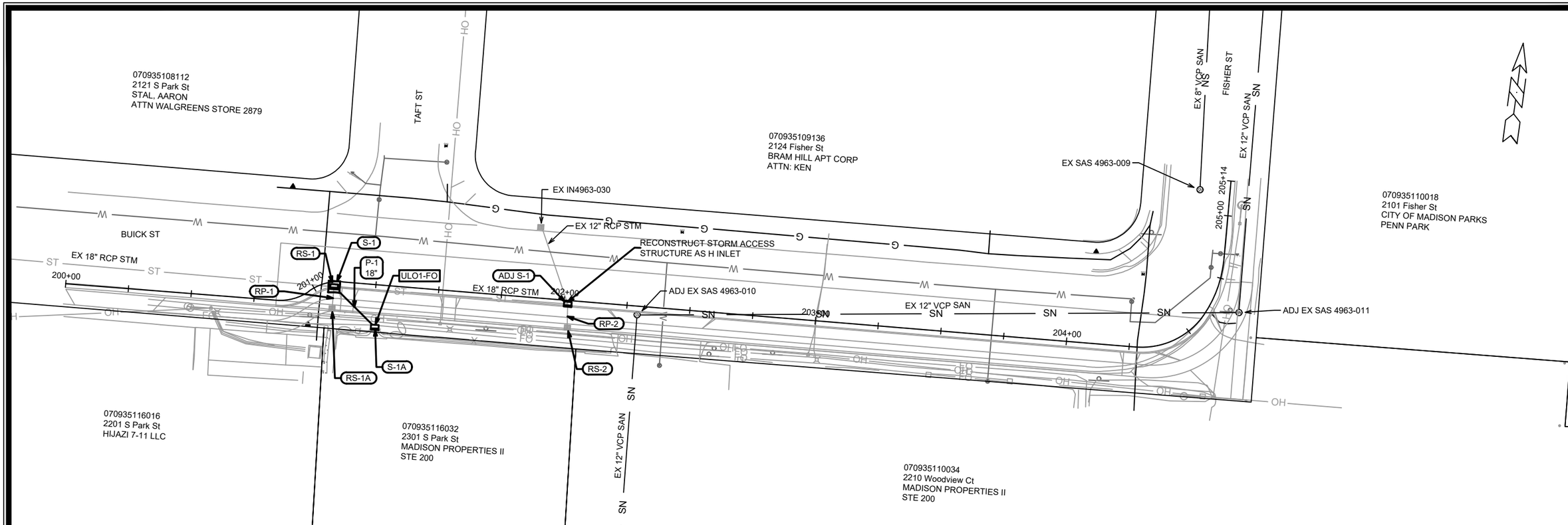

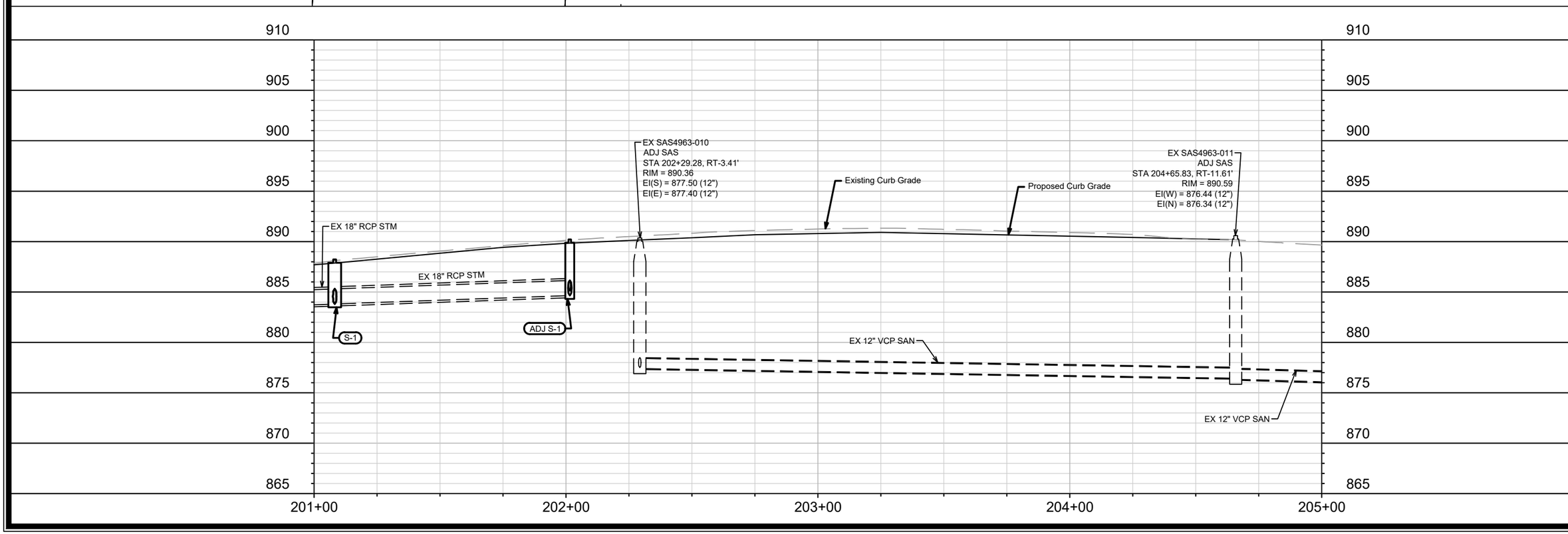

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15200

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 PROJECT NO. 15200	SHEET NO. 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	~~28~~ 21'	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:

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- TOP OF CONCRETE ROOF (TR) IS 1.25 BELOW TOP OF CASTING UNLESS OTHERWISE NOTED.
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- SURVEYOR TO CONFIRM THAT ALL INLET STATION / OFFSETS LINE UP WITH PROPOSED CURB AND GUTTER.
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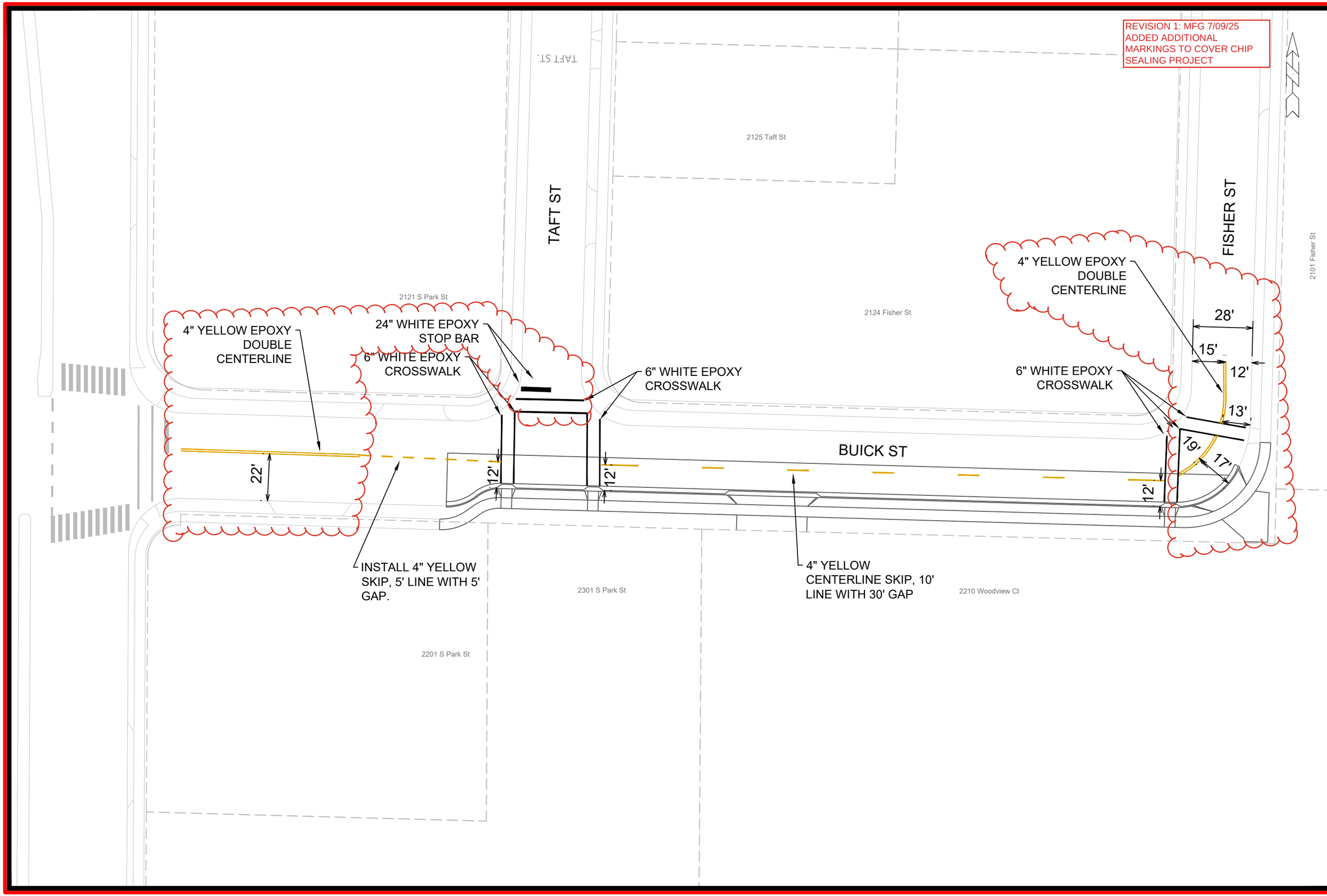

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MADISON, WI

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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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

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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15200

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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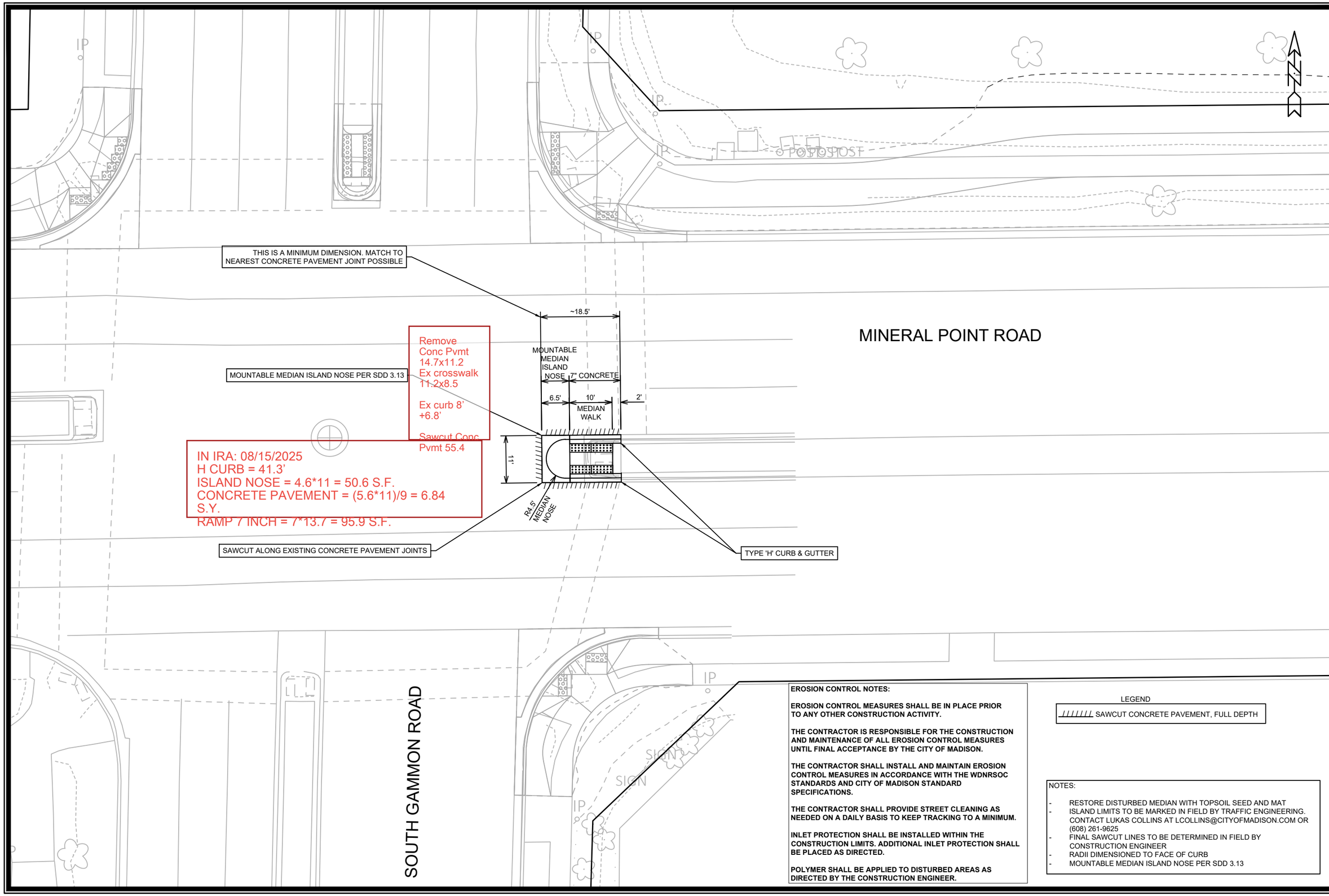
CITY OF MADISON WISCONSIN

15200

BC-10



EROSION CONTROL NOTES:

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.

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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.

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

GA-1

15200

MADISON, WI

CONTRACT NO: 8800

GAMMON MINERAL POINT PLAN

SAFE STREETS 2025

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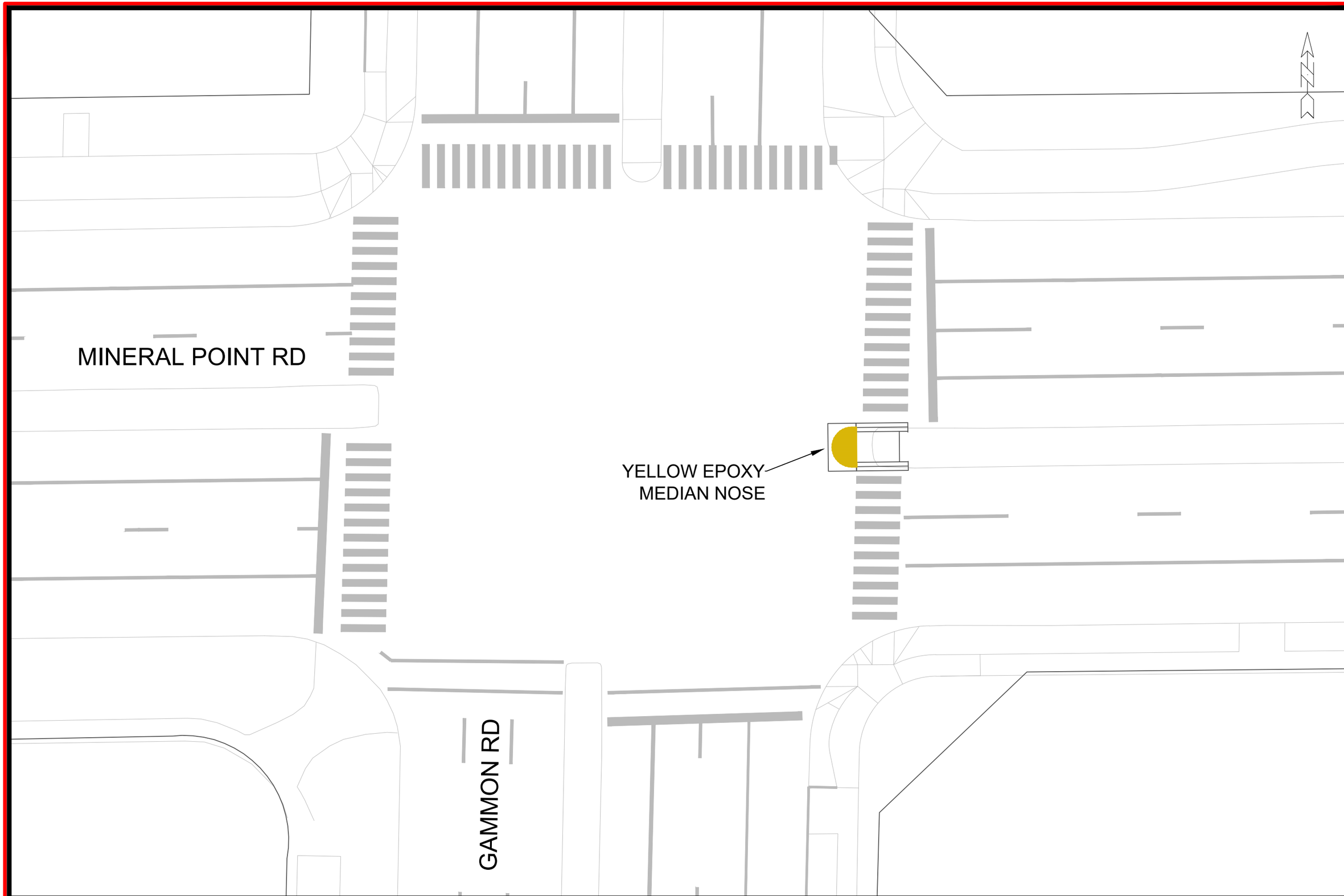
CITY OF MADISON WISCONSIN

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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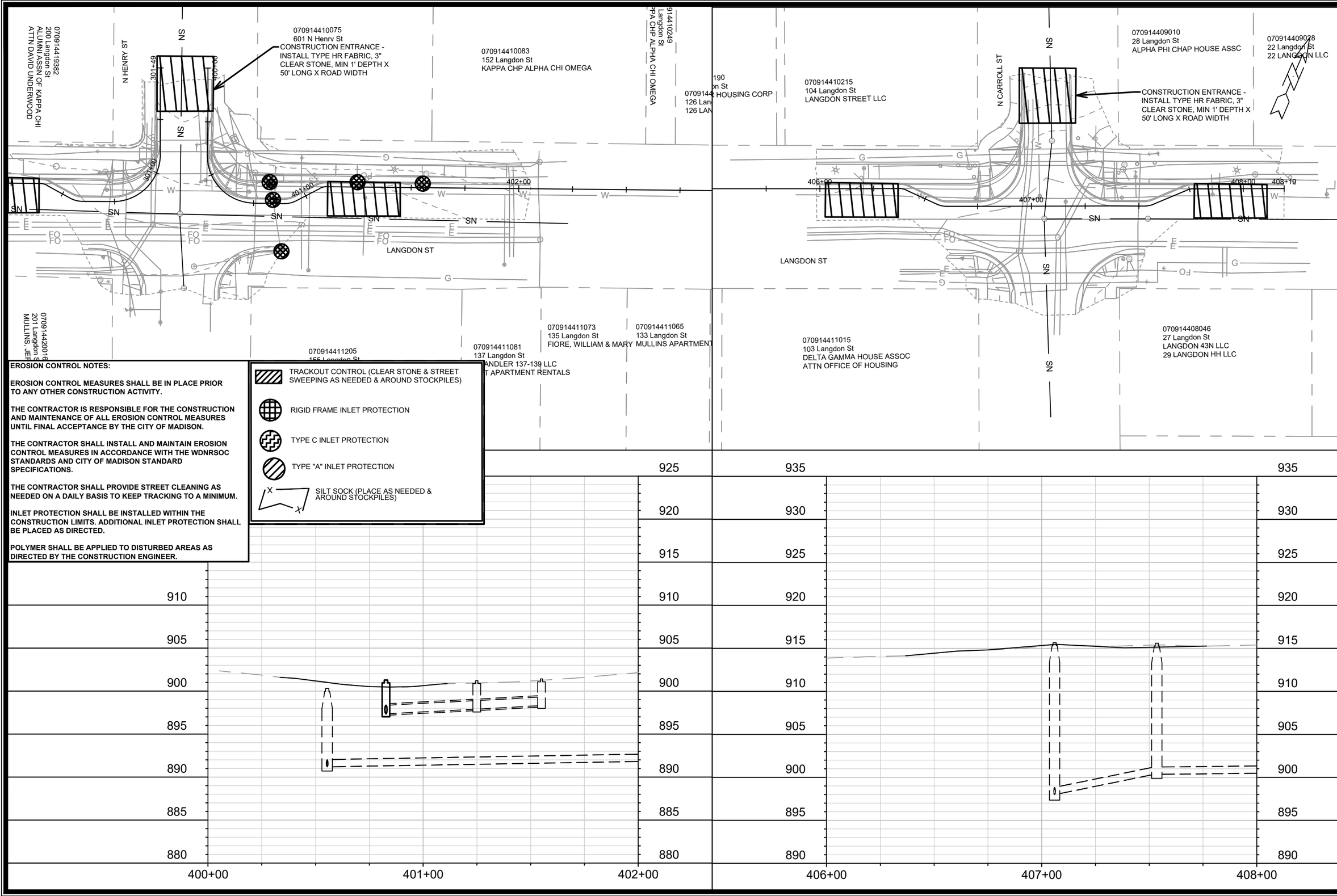
CITY OF MADISON WISCONSIN

15200

GA-2



EROSION CONTROL NOTES:

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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

MADISON, WI

8800

CONTRACT NO:

EROSION CONTROL PLAN - LANGDON ST

SAFE STREETS 2025

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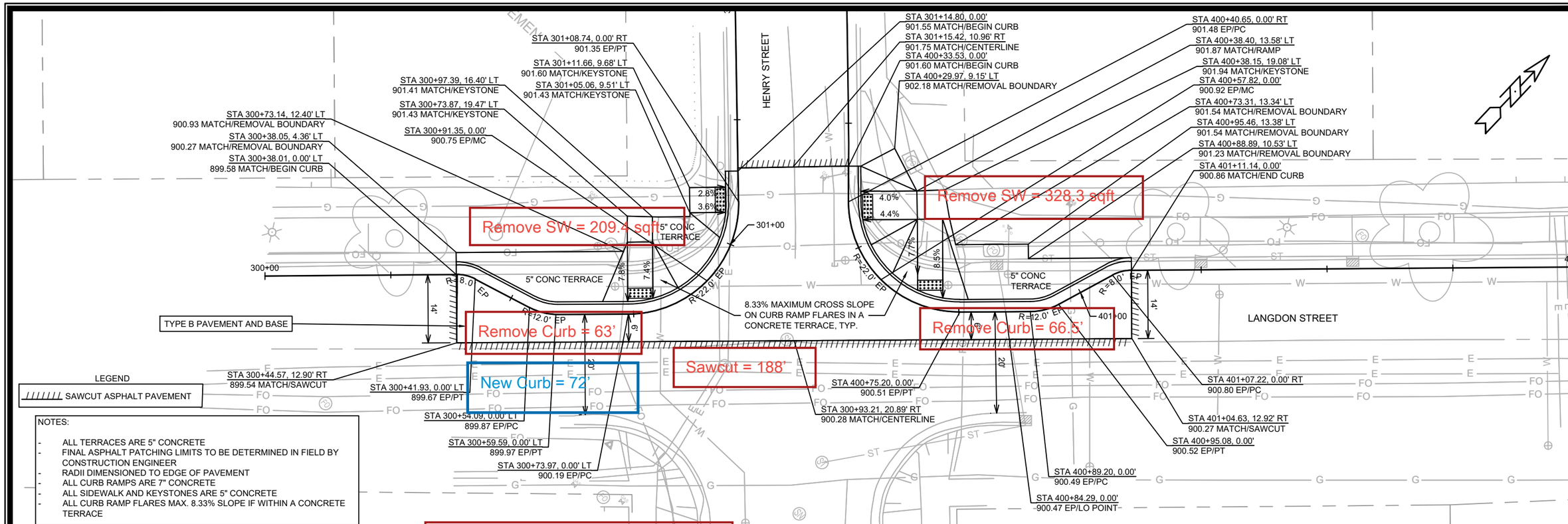
15200

LA-1

LA-1



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15200

MADISON, WI

8800

CONTRACT NO:

LANGDON HENRY PLAN & PROFILE

SAFE STREETS 2025

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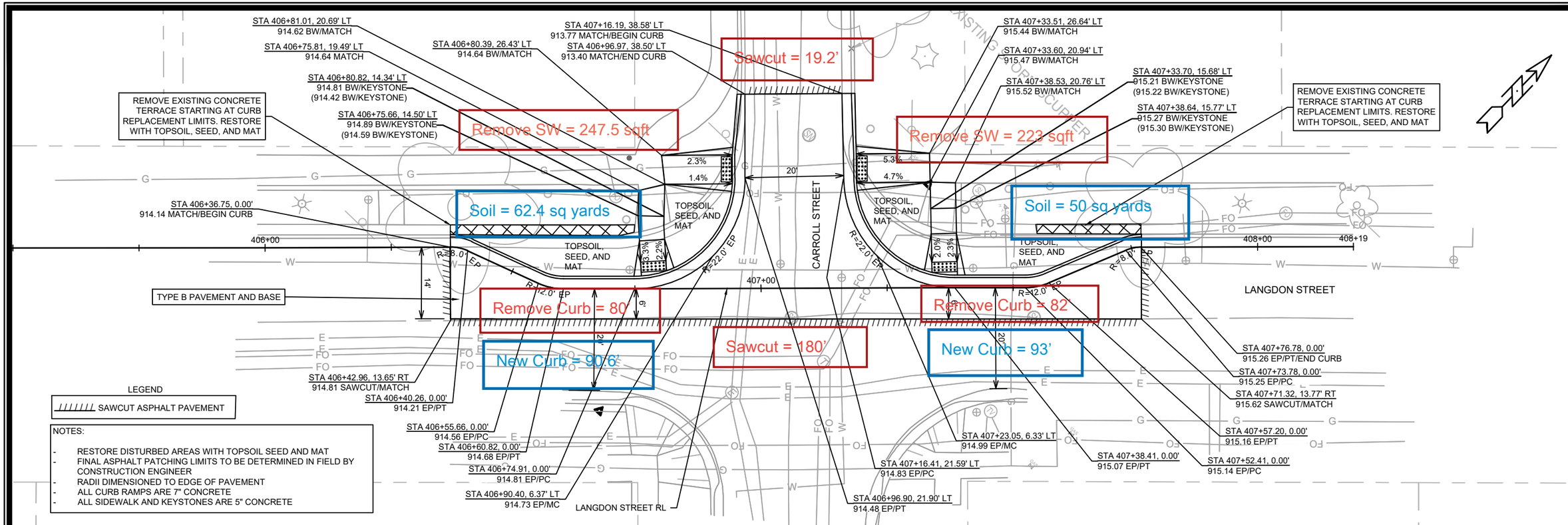
15200

LA-2



LEGEND

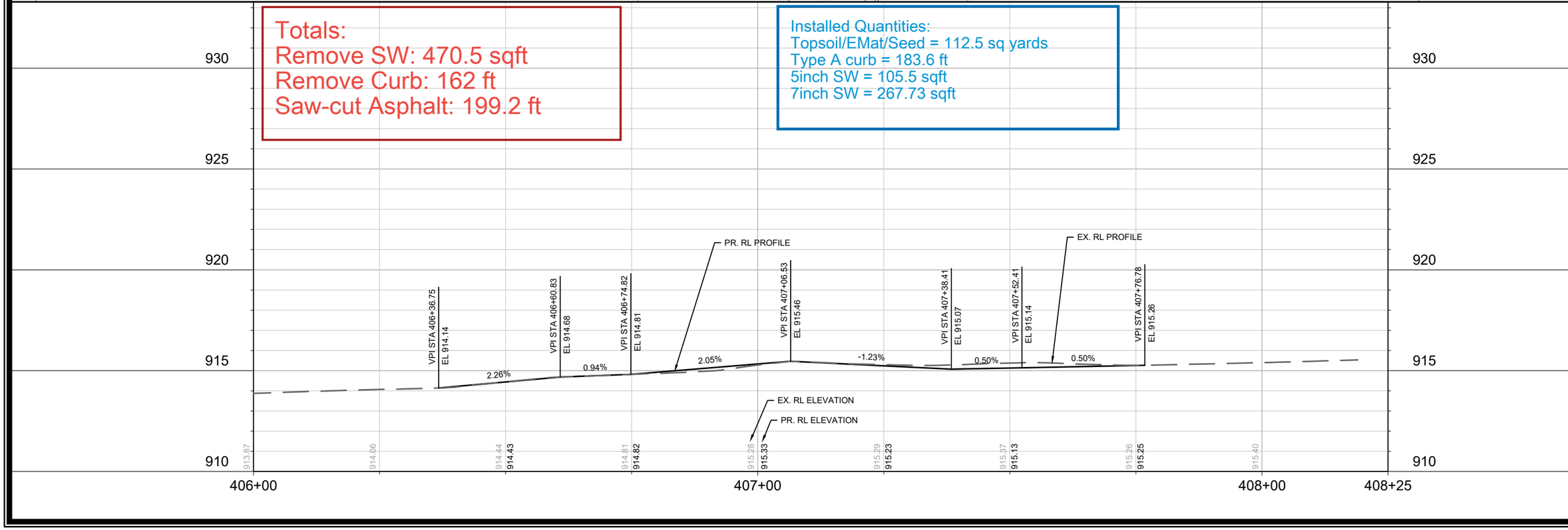
SAWCUT ASPHALT PAVEMENT

NOTES:

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

Totals:
Remove SW: 470.5 sqft
Remove Curb: 162 ft
Saw-cut Asphalt: 199.2 ft

Installed Quantities:
Topsoil/EMat/Seed = 112.5 sq yards
Type A curb = 183.6 ft
5inch SW = 105.5 sqft
7inch SW = 267.73 sqft



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Designed By: MFG | Date: 2/26/2025 8:26 AM | Scale: 1" = 20' | LA-3

15200

MADISON, WI

8800

CONTRACT NO:

LANGDON CARROLL PLAN & PROFILE

SAFE STREETS 2025

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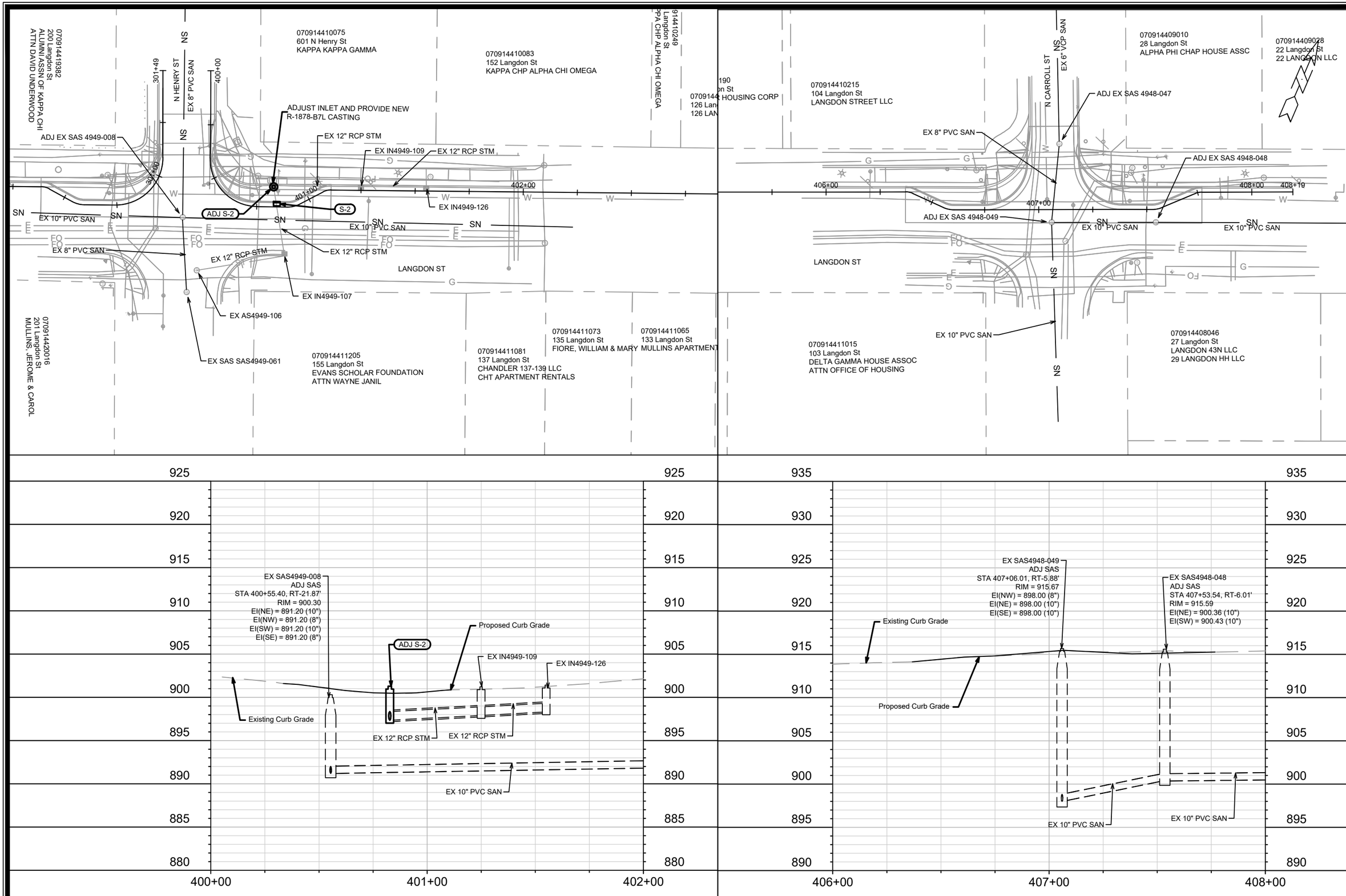
15200

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

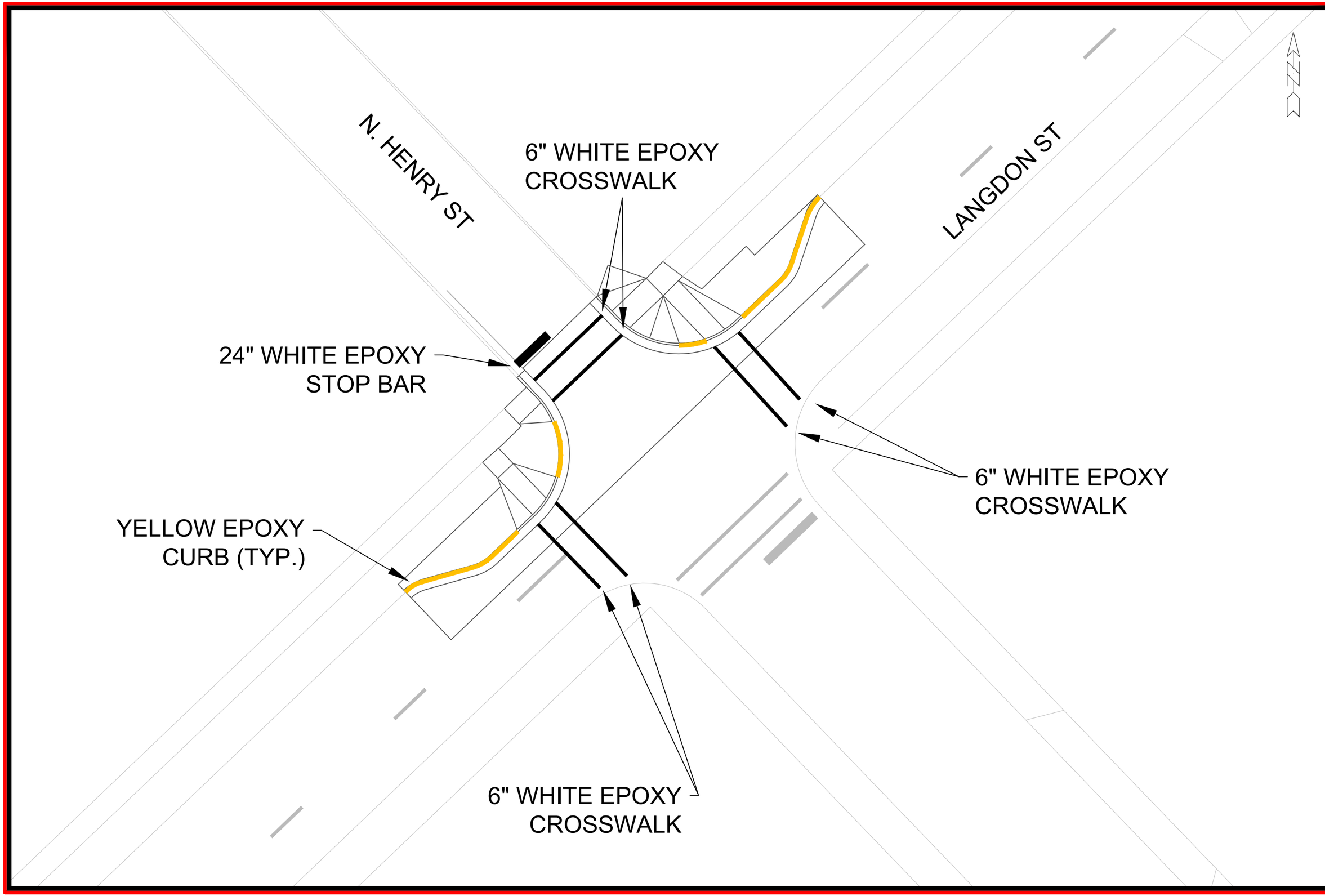
STRUC. NO.	ID NO.	STATION	LOCATION (OFFSET)	EX TOC	PROP TOC	ADJ (FT)	NOTES
LANGDON ST							
ADJ S-2	IN4949-108	400+82.73	LT-9.22	900.70	901.28	0.58	[2]

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.
-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

PAVEMENT MARKING PLAN - LANGDON AND HENRY

MADISON, WI

SAFE STREETS 2025

CONTRACT NO: 8800

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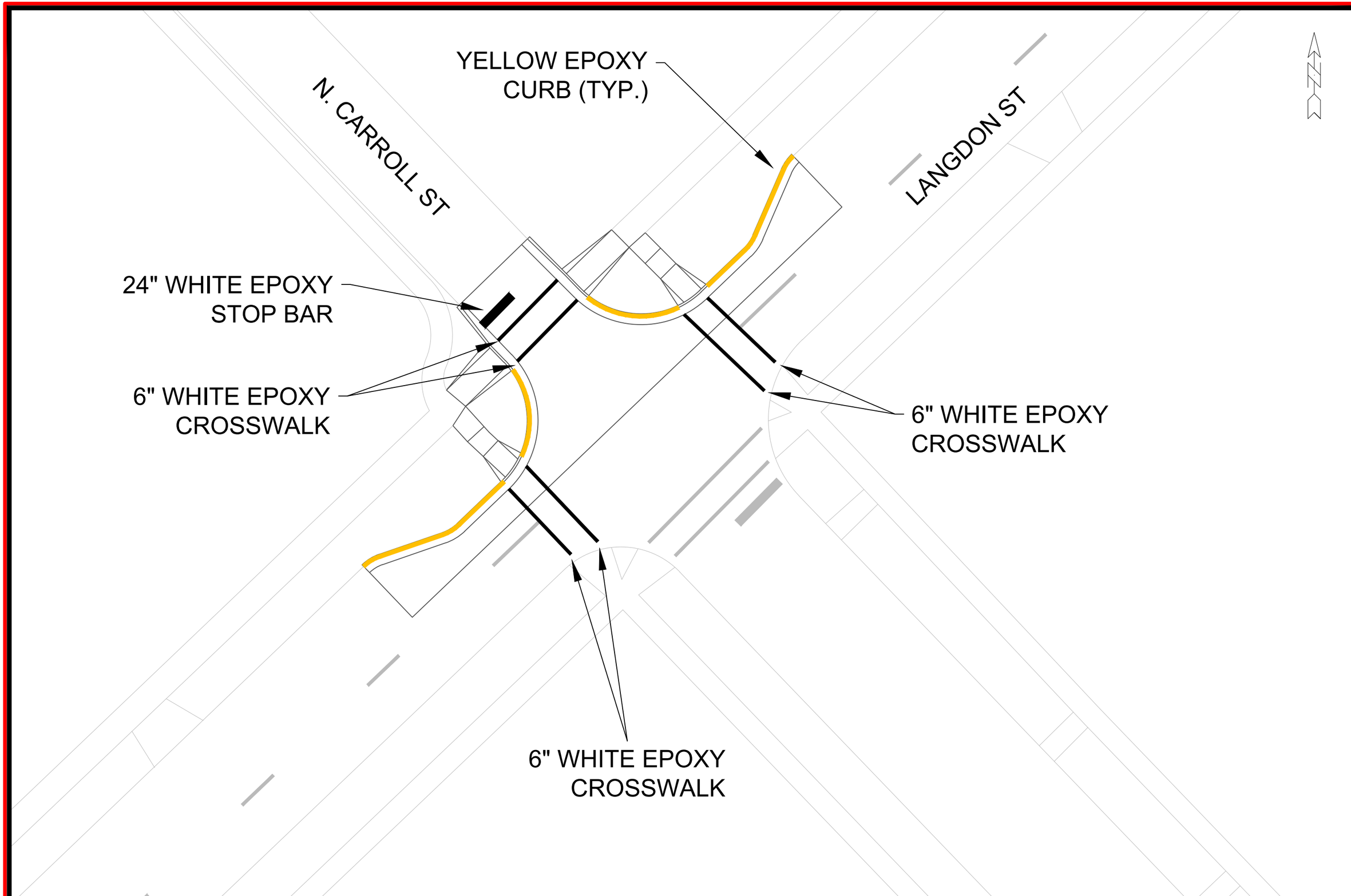
15200

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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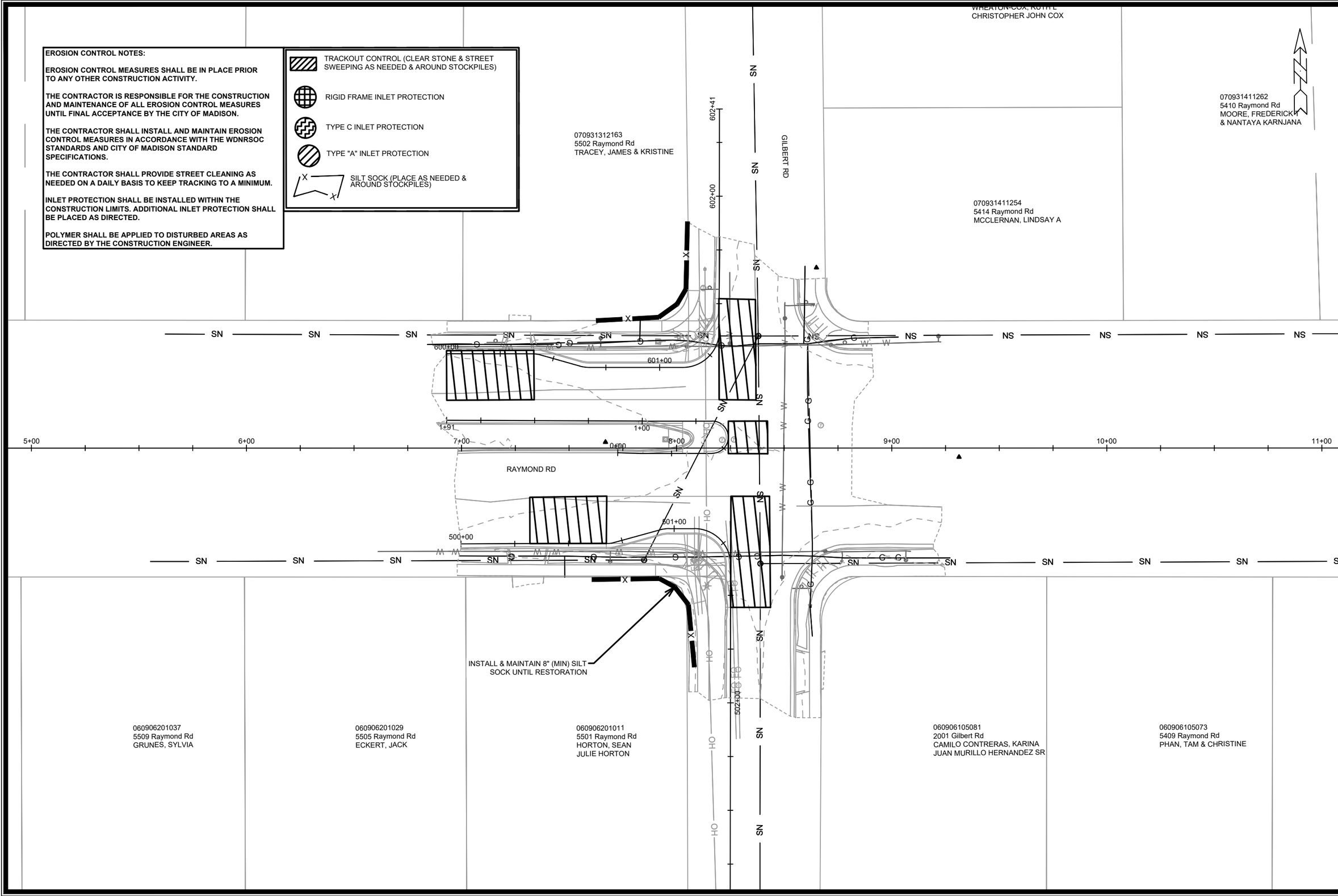
- RIGID FRAME INLET PROTECTION
- TYPE C INLET PROTECTION
- TYPE "A" INLET PROTECTION
- SILT SOCK (PLACE AS NEEDED & AROUND STOCKPILES)



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MADISON, WI

8800

CONTRACT NO:

EROSION CONTROL PLAN - RAYMOND RD

SAFE STREETS 2025

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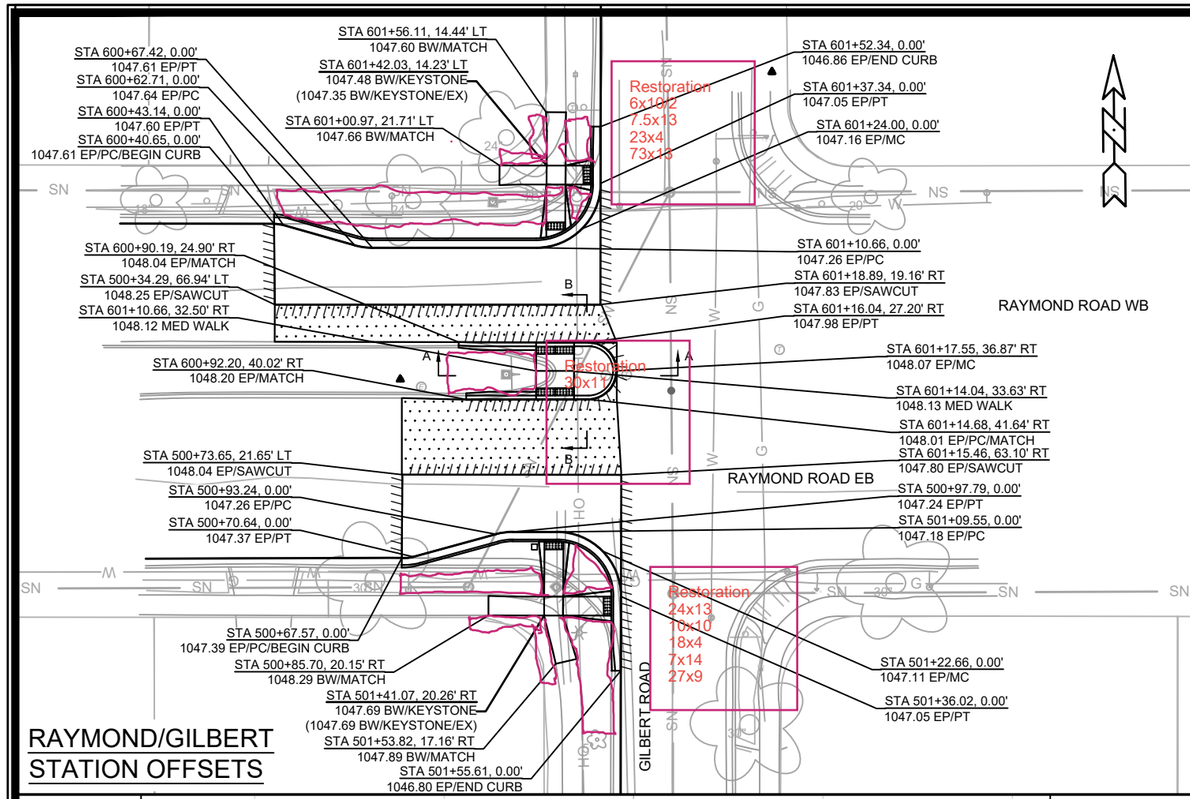
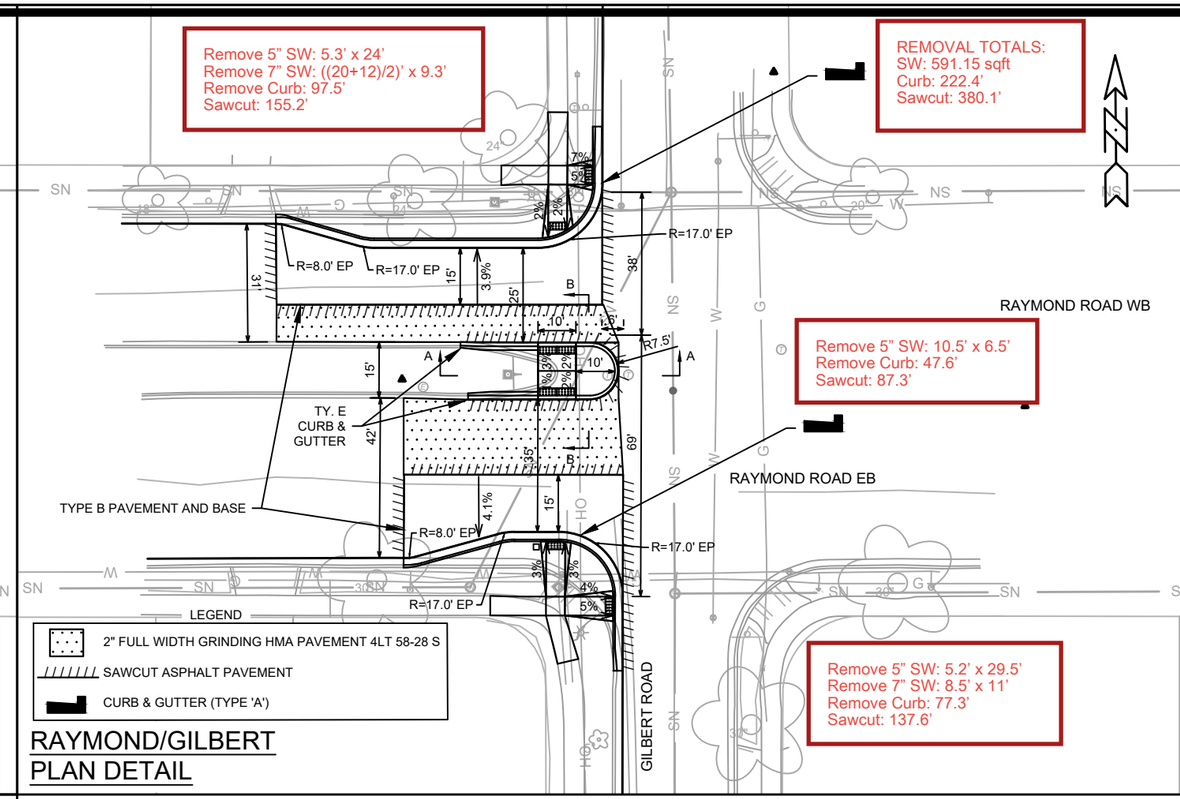
15200

RA-1

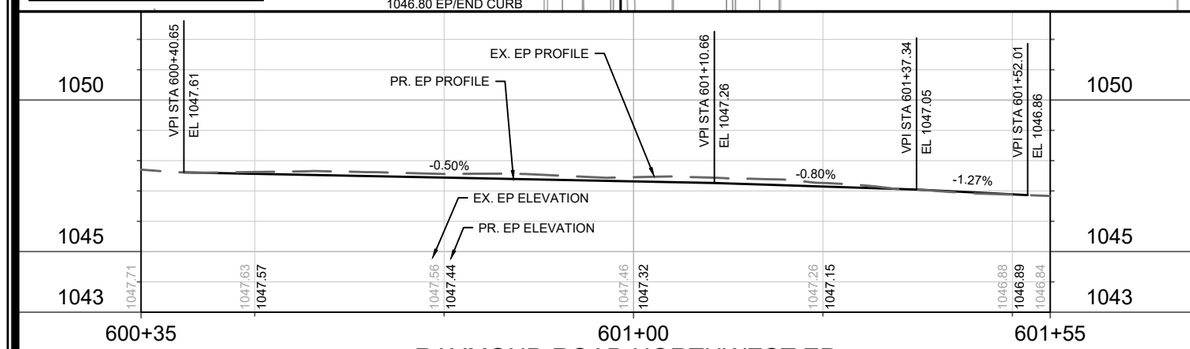
RA-1



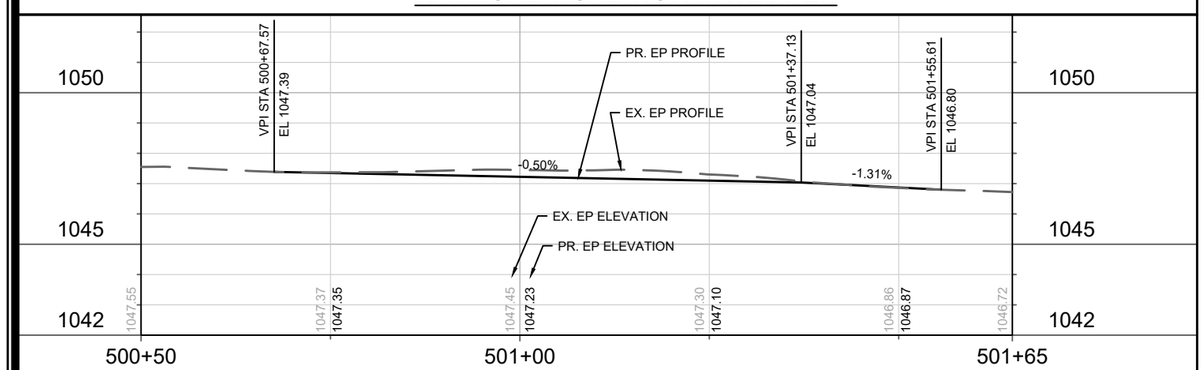
RAYMOND/GILBERT
STATION OFFSETS



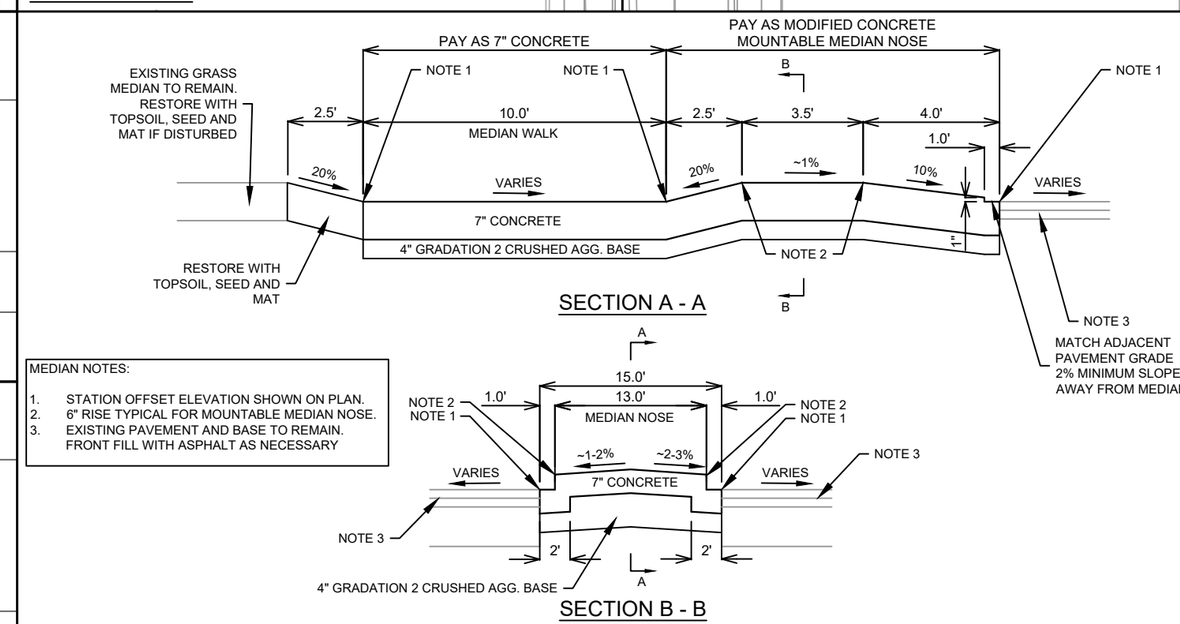
RAYMOND/GILBERT
PLAN DETAIL



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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15200

MADISON, WI

CONTRACT NO: 8800

RAYMOND GILBERT PLAN & PROFILE

SAFE STREETS 2025

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15200

RA-2

GENERAL NOTES

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

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

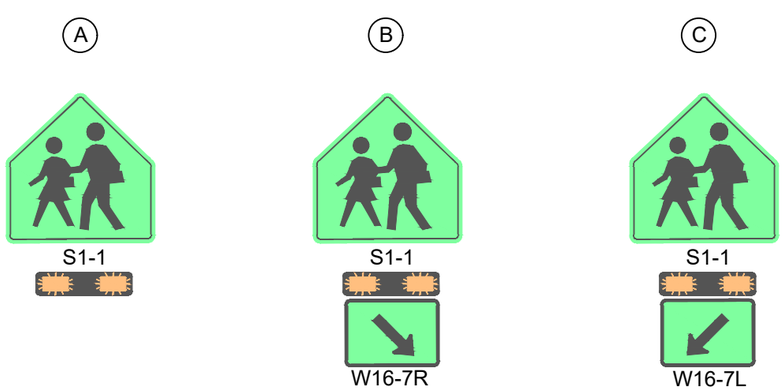
TS#3
1. INSTALL LB-8R BASE, 20' 7GA POLE, 20FT TROMBONE ARM, AND APS PEDESTRIAN PUSH BUTTON, SINGLE ARROW.
2. INSTALL SIGNS AS SHOWN IN DETAIL.
3. INSTALL SOLAR PANEL AND DC CONVERTER ON POLE.

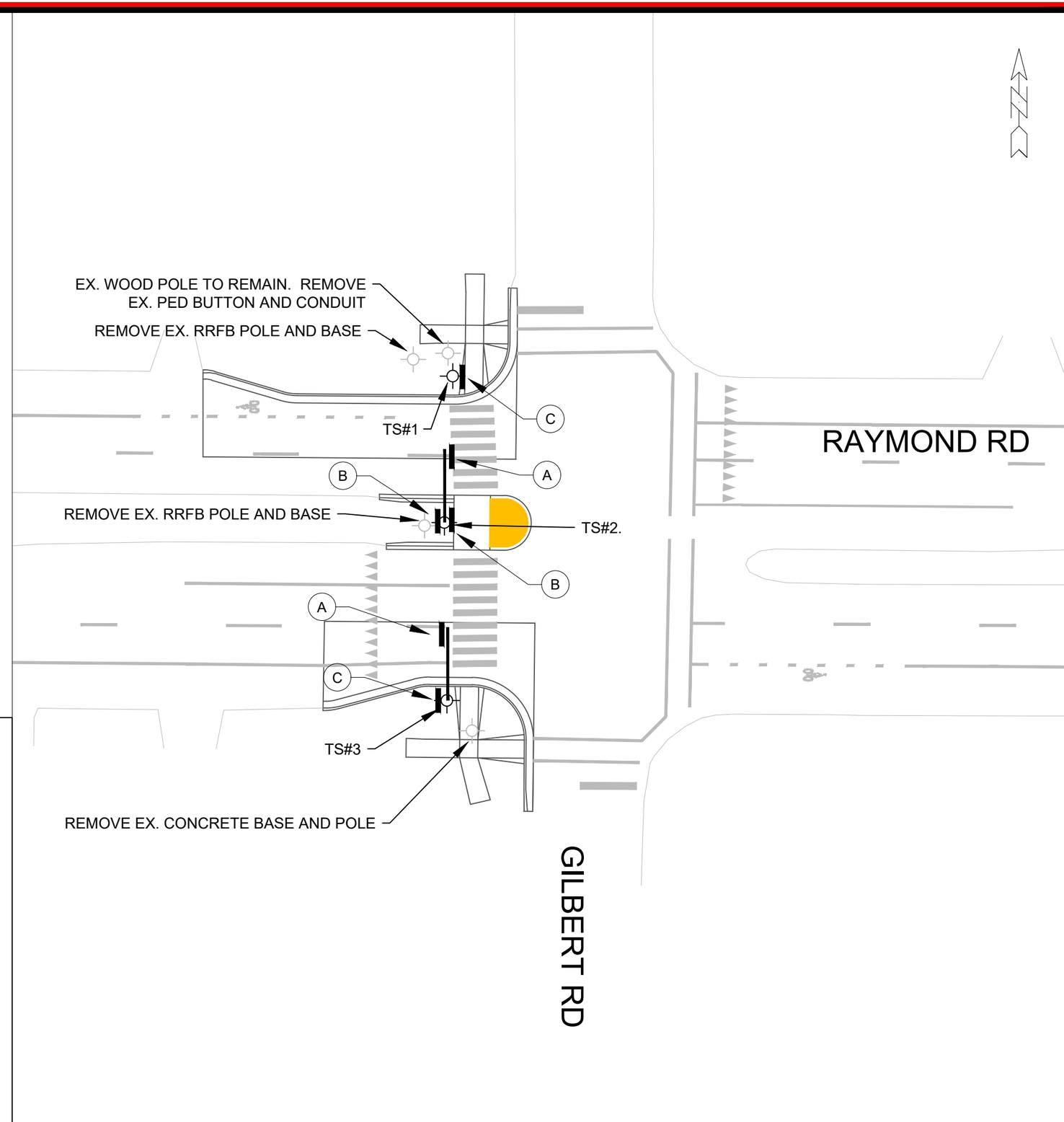
NOTES:
1. REUSE EXISTING SIGNS, POLES, AND TROMBONE ARMS IF POSSIBLE.
2. PAVEMENT MARKINGS BY OTHERS.
3. CONTRACTOR TO USE CARMANAH SYSTEM OR EQUIVALENT IF REPLACEMENT PARTS ARE NEEDED.
4. SALVAGE ALL RRFB EQUIPMENT AND RETURN TO SAYLE ST TE SHOP.
5. PROGRAM FLASH TIME TO 20 SECONDS

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

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

SIGN CONFIGURATION DETAILS





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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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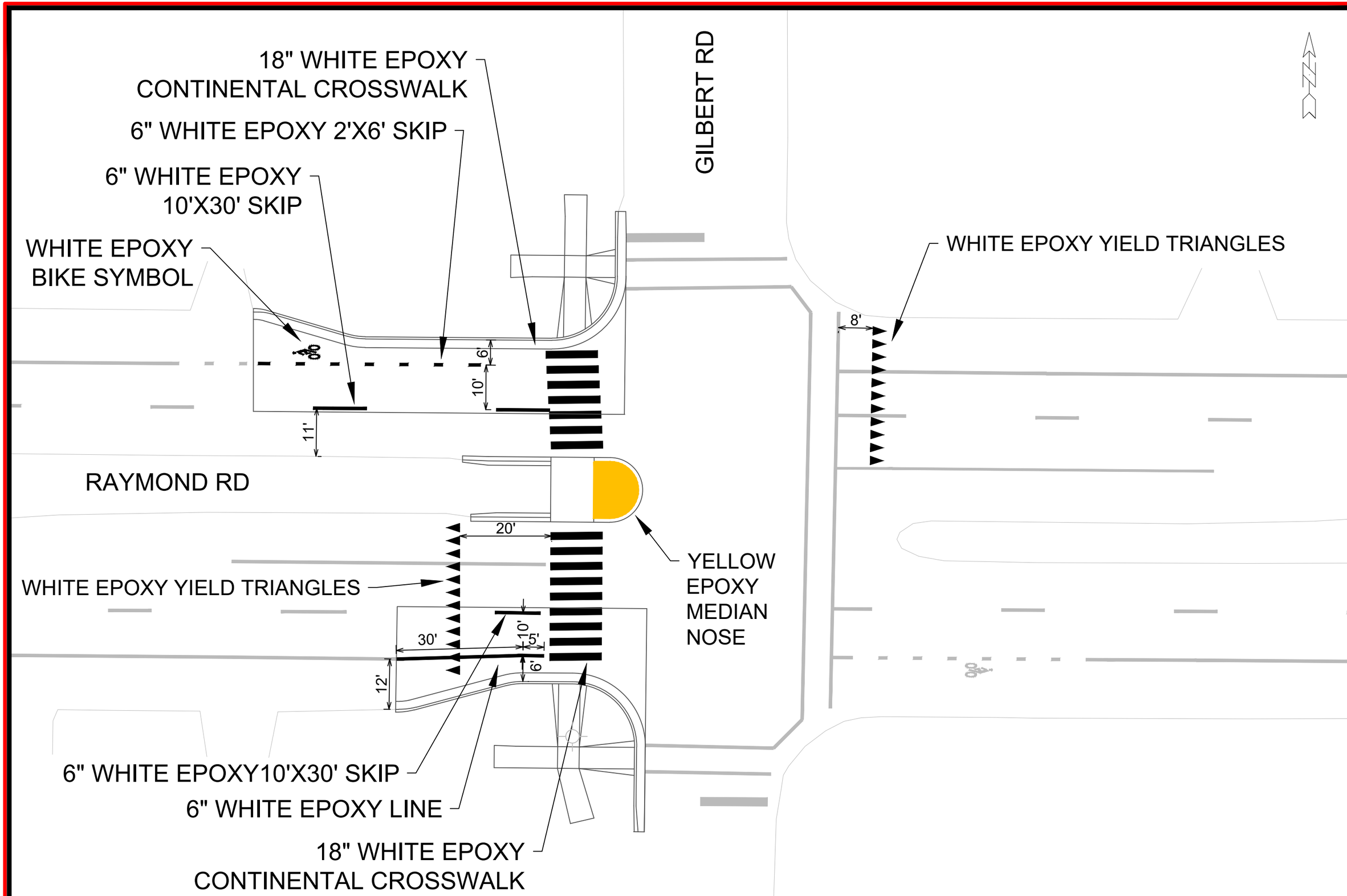
CITY OF MADISON WISCONSIN

15200

RA-4



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Designed By: MFG | Date: 2/26/2025 8:28 AM | Scale: 1" = 20'

15200 | RA-5

15200

PAVEMENT MARKING PLAN - RAYMOND AND GILBERT

SAFE STREETS 2025

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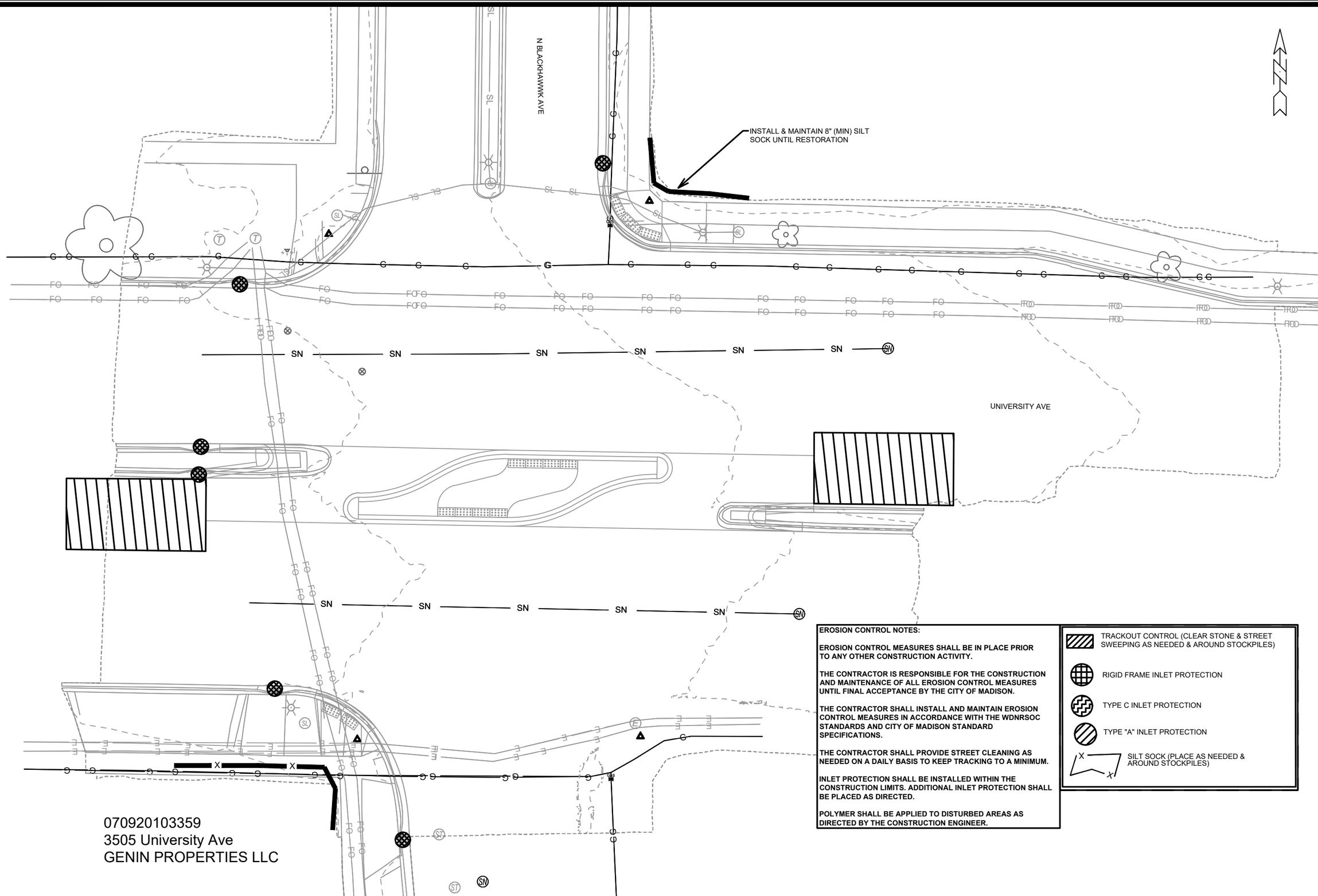
MADISON, WI

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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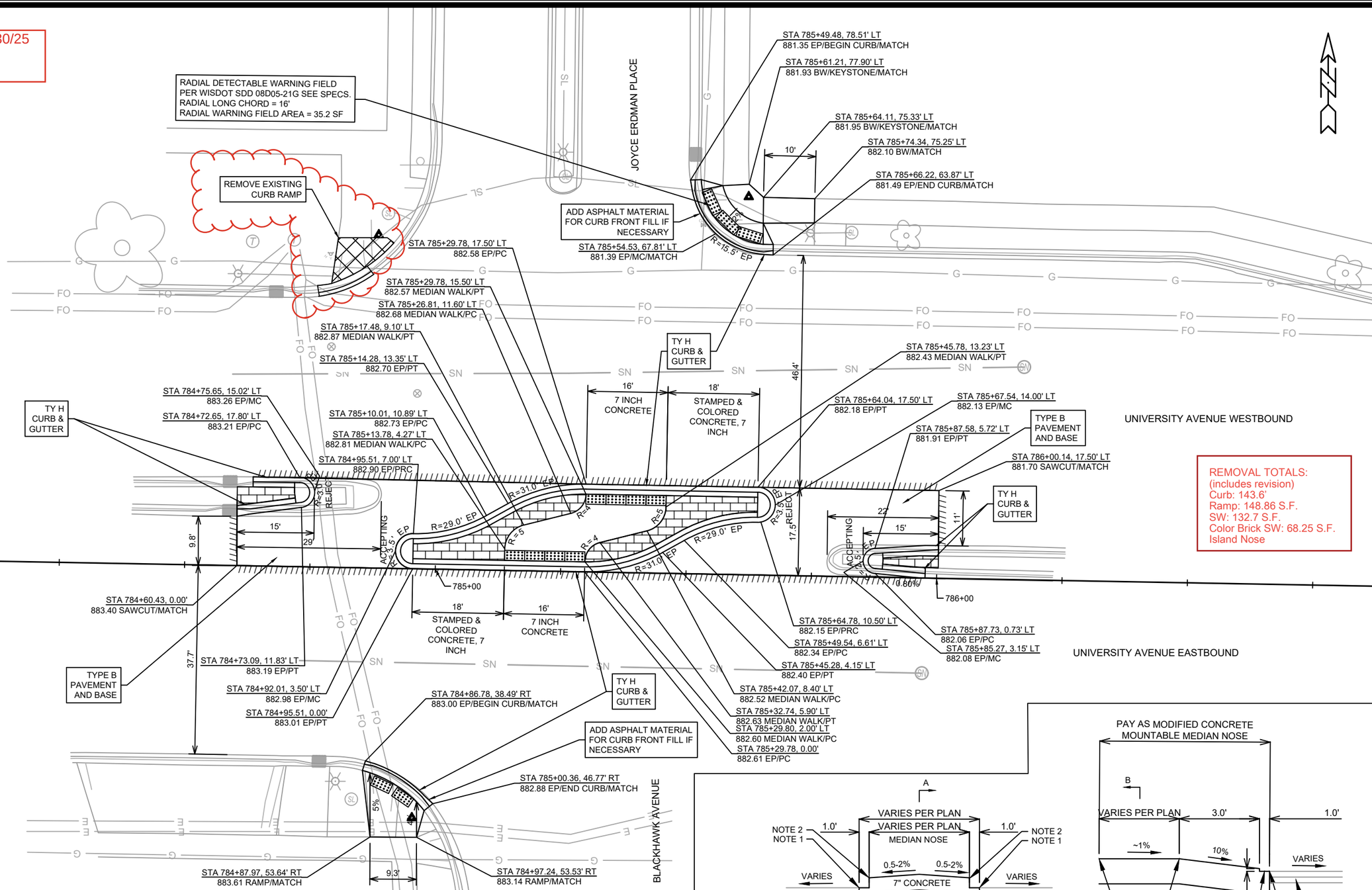
15200

UB-1

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



REMOVAL TOTALS:
(includes revision)
Curb: 143.6'
Ramp: 148.86 S.F.
SW: 132.7 S.F.
Color Brick SW: 68.25 S.F.
Island Nose

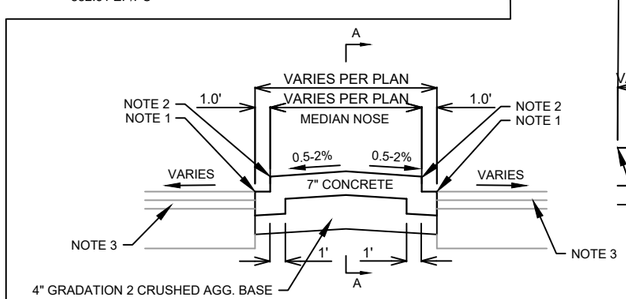
NOTES:

- 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

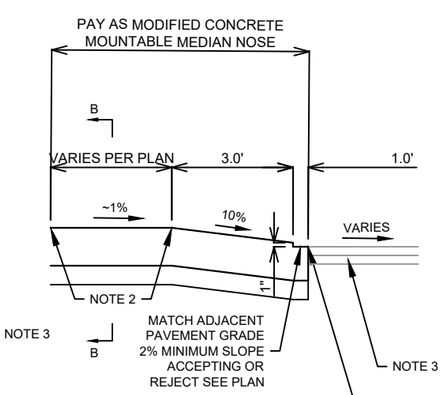
STAMPED & COLORED CONCRETE, 7 INCH - MATCH THE EXISTING PATTERN AND COLOR ON MEDIANS. PROVIDE SAMPLE TO CONSTRUCTION ENGINEER FOR REVIEW PRIOR TO INSTALLATION, SEE SPECS

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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Designed By: MFG | Date: 8/8/2025 4:52 PM | Scale: 1:20 | UB-2

15200

MADISON, WI

8800

CONTRACT NO:

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.

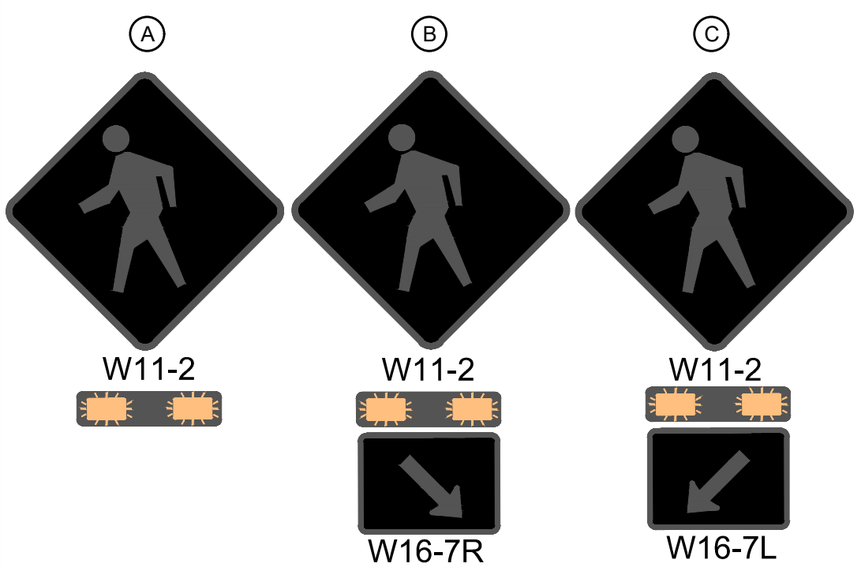
TS#4
1. EXISTING POLE AND BASE TO REMAIN. INSTALL APS PEDESTRIAN PUSH BUTTON, SINGLE ARROW.
2. INSTALL SIGNS AS SHOWN IN DETAIL.
3. INSTALL SOLAR PANEL AND DC CONVERTER ON POLE.

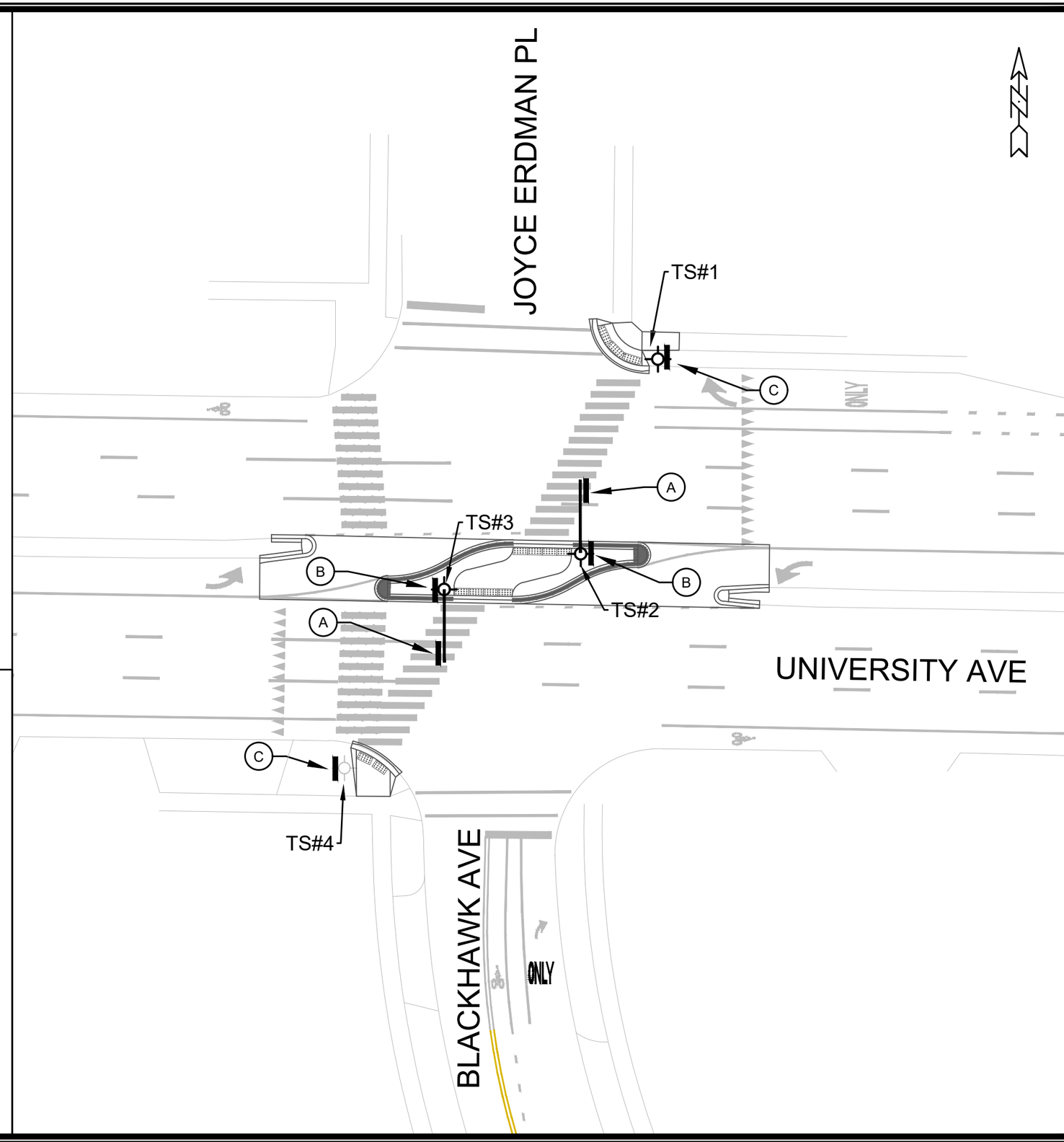
NOTES:
1. PAVEMENT MARKINGS BY OTHERS.
2. TS#1 AND TS#2 TO BE CONNECTED AND TIMED TOGETHER.
3. TS#3 AND TS#4 TO BE CONNECTED AND TIMED TOGETHER.
4. CONTRACTOR TO INSTALL CARMANAH SYSTEM OR EQUIVALENT.
5. PROGRAM 15 SECOND FLASH TIME

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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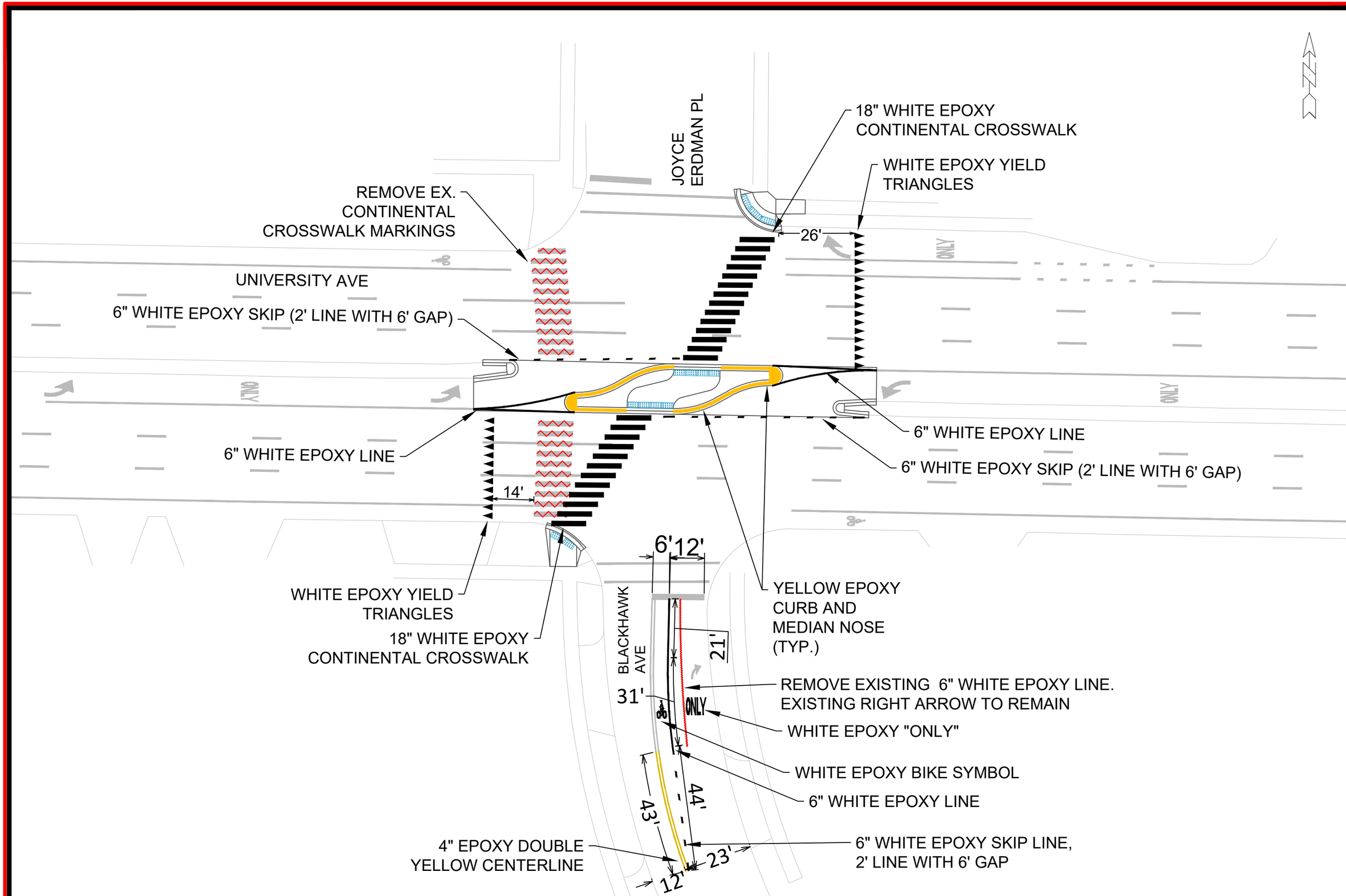
15200

UB-4



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15200 | UB-5

15200

PAVEMENT MARKING PLAN - UNIVERSITY AND BLACKHAWK

SAFE STREETS 2025

MADISON, WI

CONTRACT NO: 8800

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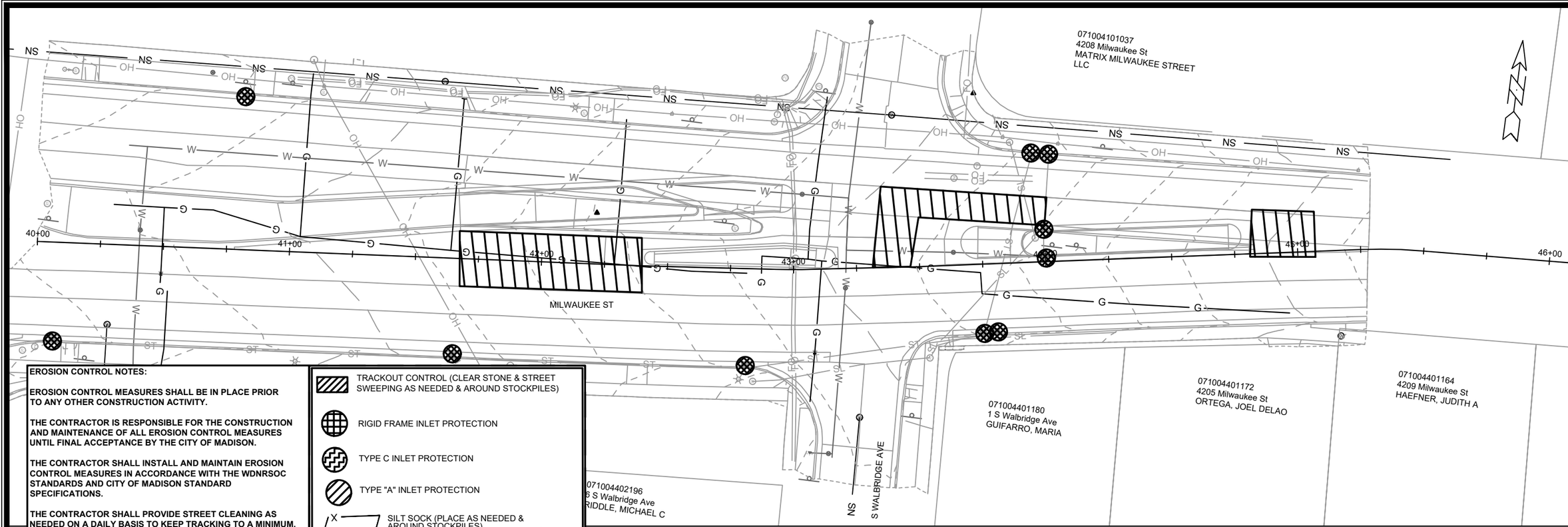
CITY OF MADISON WISCONSIN

15200

UB-5



EROSION CONTROL NOTES:

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

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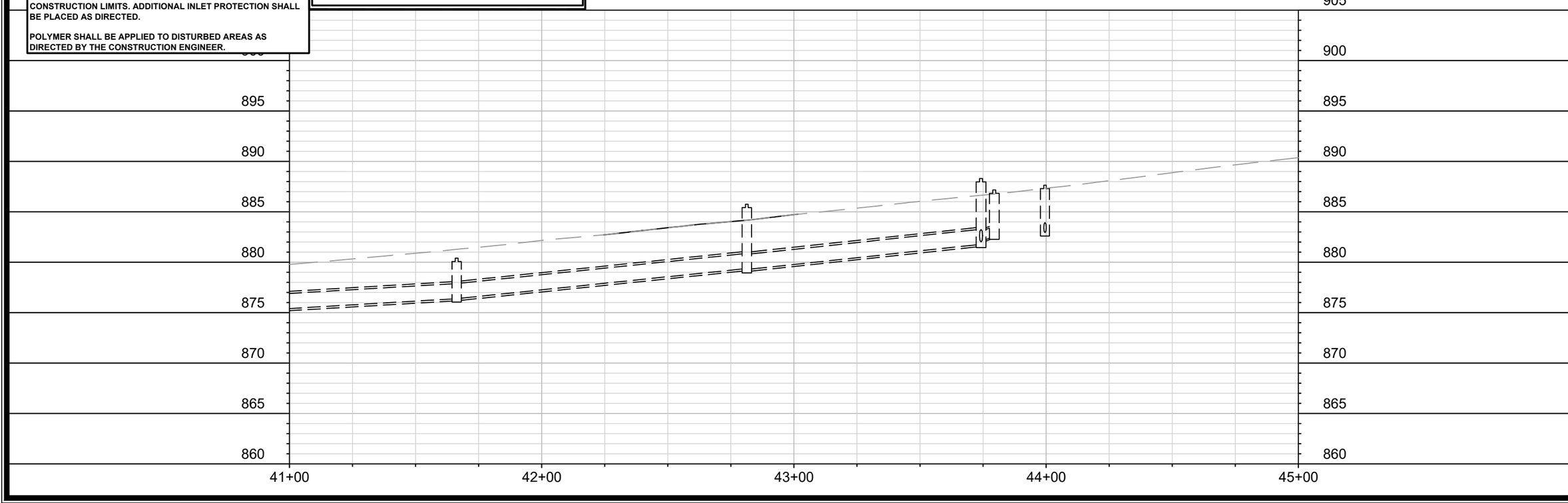
- RIGID FRAME INLET PROTECTION
- TYPE C INLET PROTECTION
- TYPE "A" INLET PROTECTION
- SILT SOCK (PLACE AS NEEDED & AROUND STOCKPILES)



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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

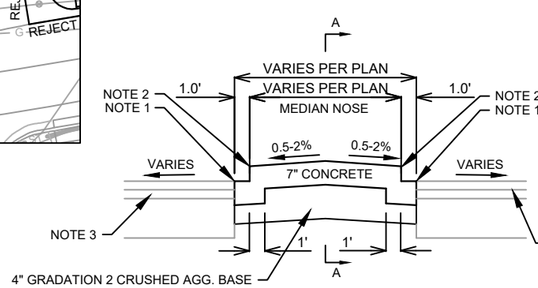
REJECT
ACCEPTING
DRAINAGE ARROW, TYP

NOTES:

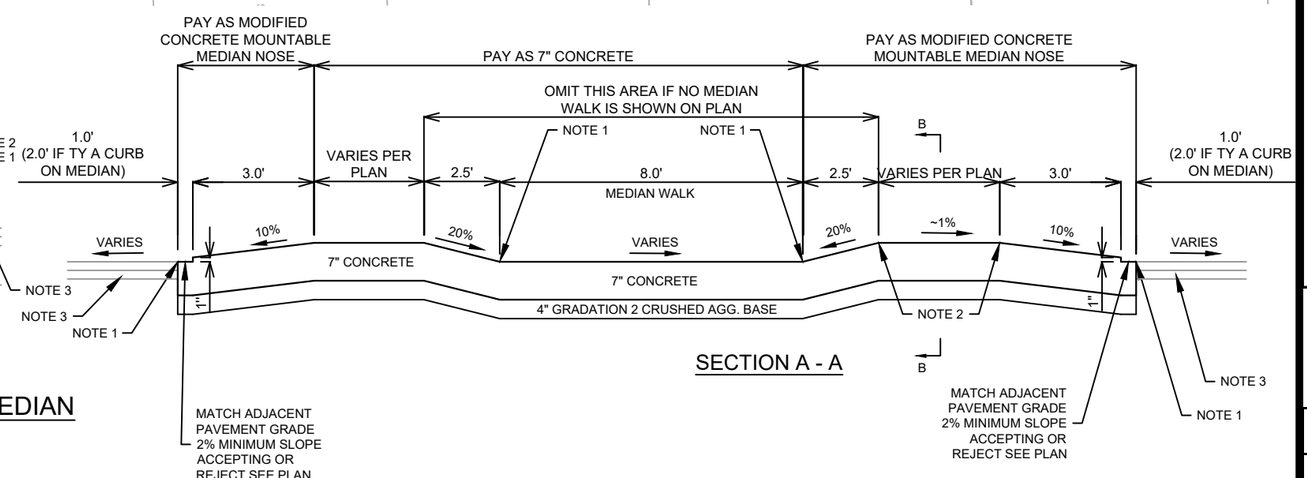
- ALL PAVEMENT TO BE CONCRETE, 9 INCH
- ALL MEDIANS TO BE CONCRETE, 7 INCH
- RADII ARE TO FACE OF CURB OR MEDIAN

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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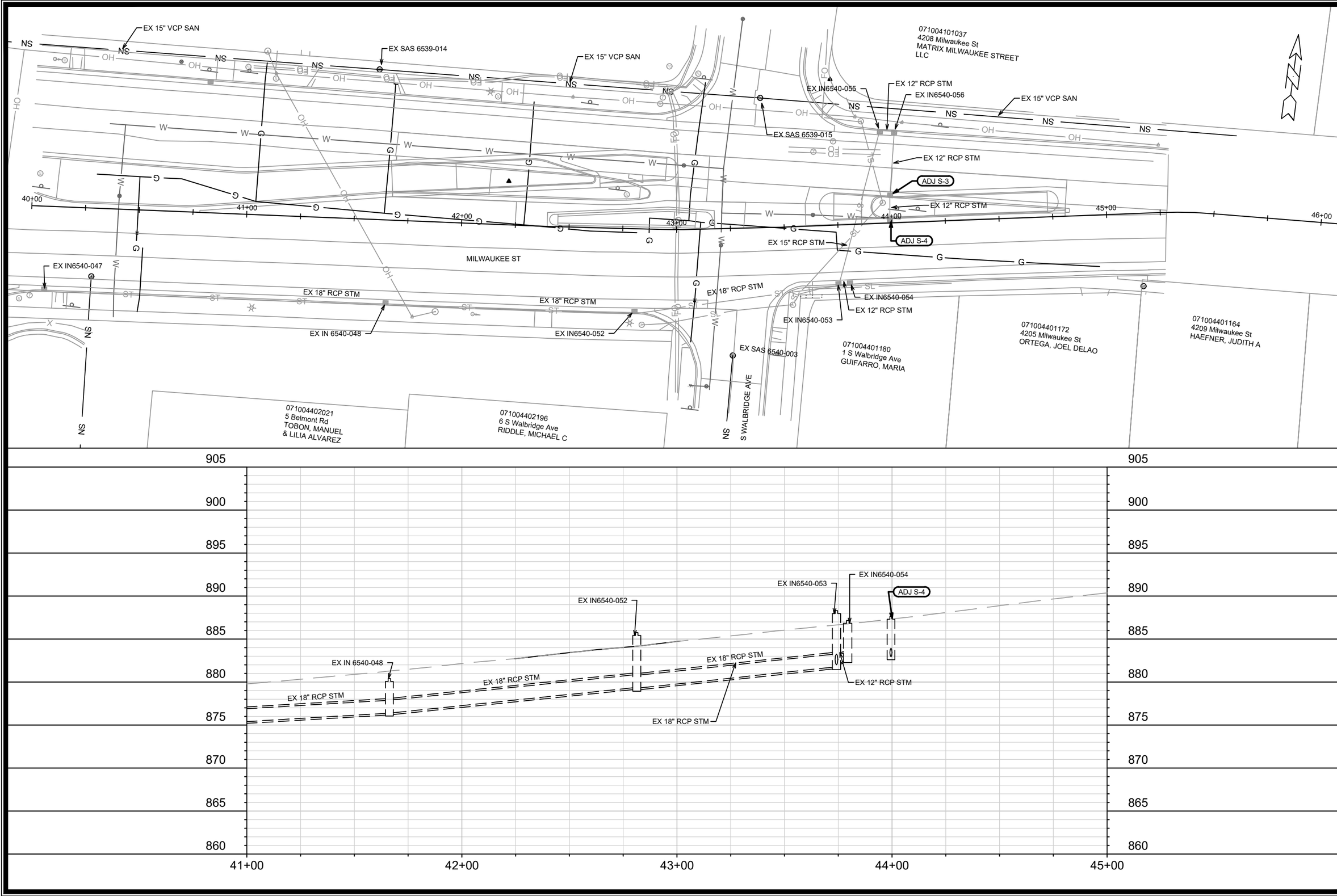
CITY OF MADISON WISCONSIN

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.

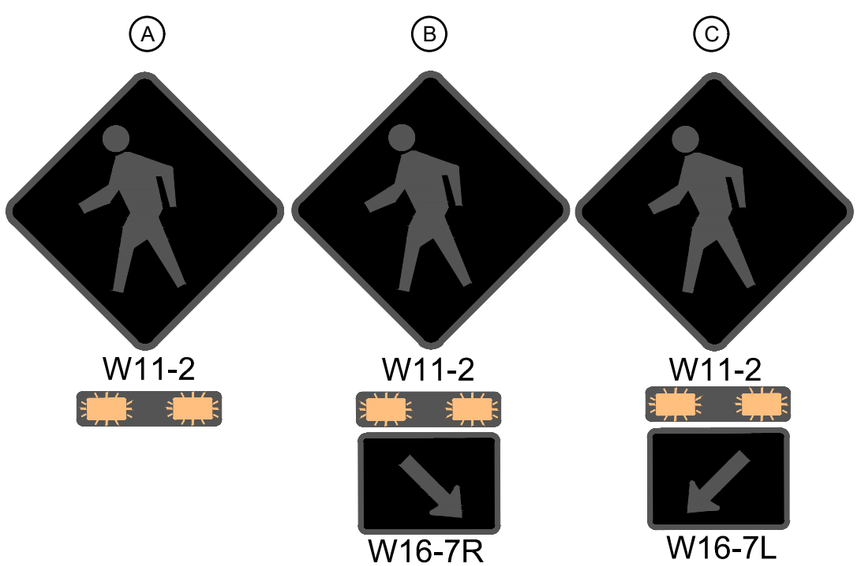
TS#3
1. INSTALL GR BASE, 15' SIGNAL POLE, AND PEDESTRIAN PUSH BUTTON.
2. INSTALL SIGNS AS SHOWN IN DETAIL.
3. INSTALL SOLAR PANEL AND DC CONVERTER ON POLE.

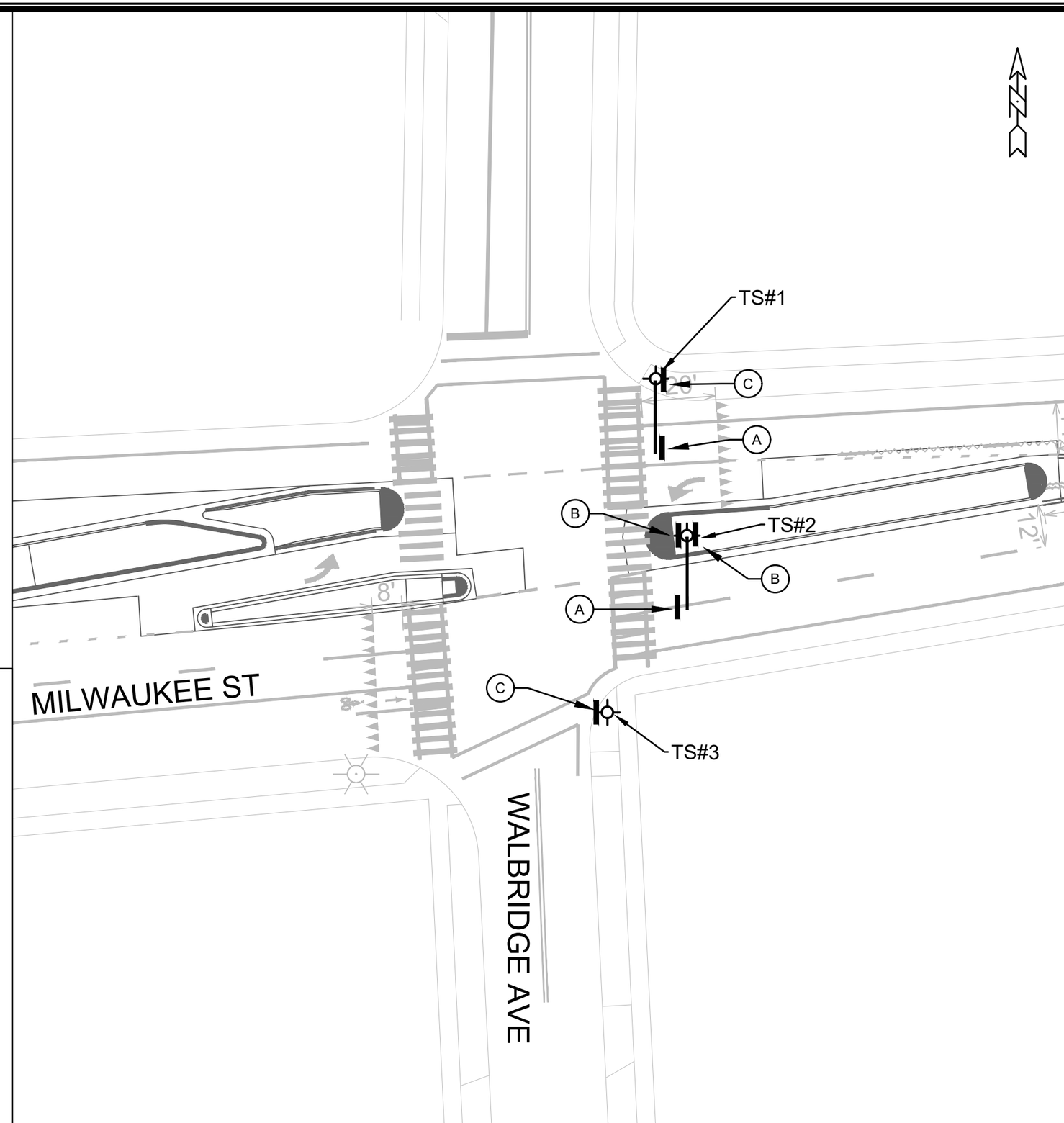
NOTES:
1. PAVEMENT MARKINGS BY OTHERS.
2. CONTRACTOR TO INSTALL CARMANAH SYSTEM OR EQUIVALENT.
3. PROGRAM FLASH FOR 30 SECONDS.

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





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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

M:\DESIGN\Projects\14658\CAD\Traffic\RRFB - Milw & Whal.dwg

15200

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 | MW-6

15200

MADISON, WI

CONTRACT NO: 8800

MILWAUKEE ST AND WALBRIDGE ST - MISC. QUANTITIES

SAFE STREETS 2025

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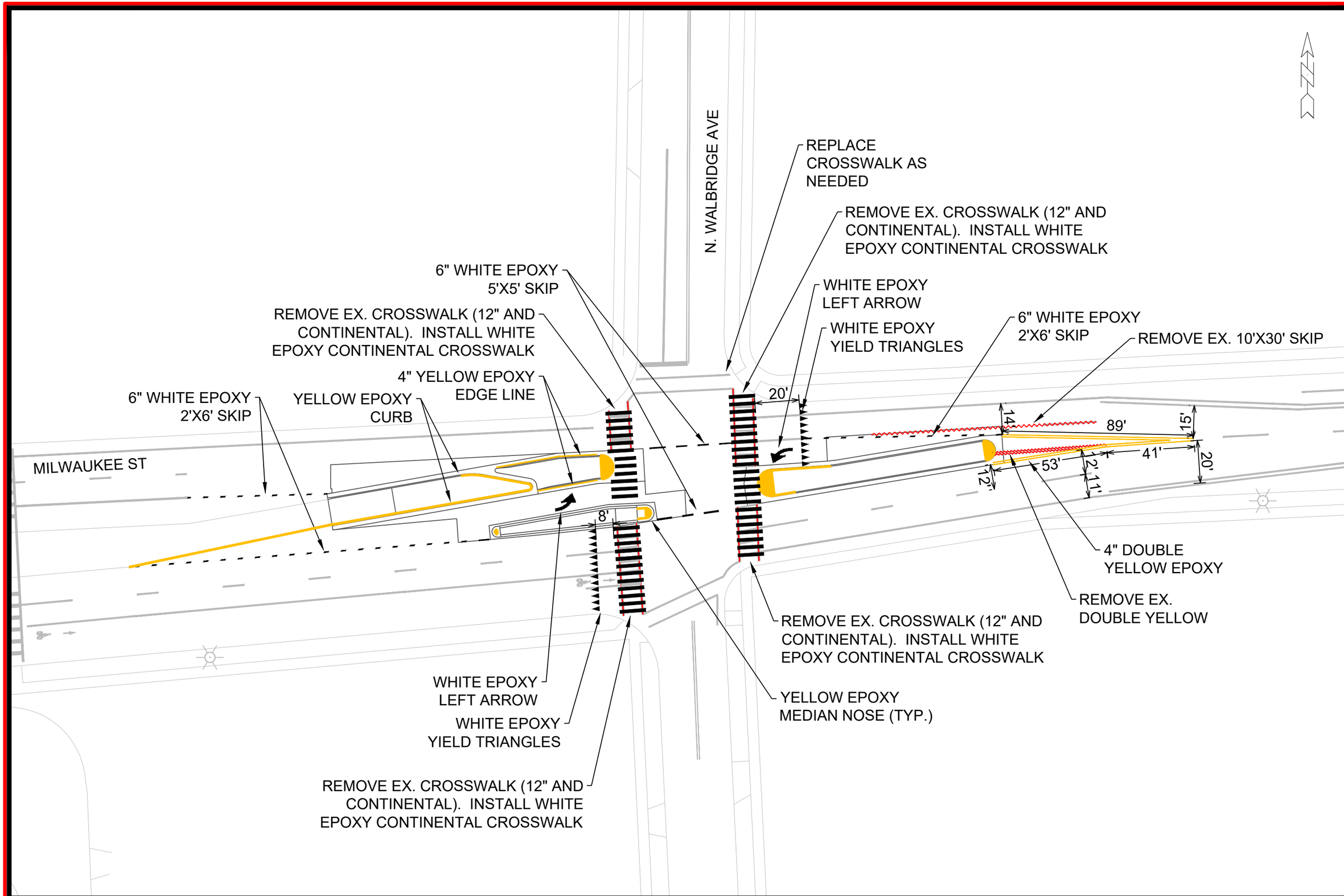
15200

MW-6



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PAVEMENT MARKING PLAN - MILWAUKEE AND WALBRIDGE

SAFE STREETS 2025

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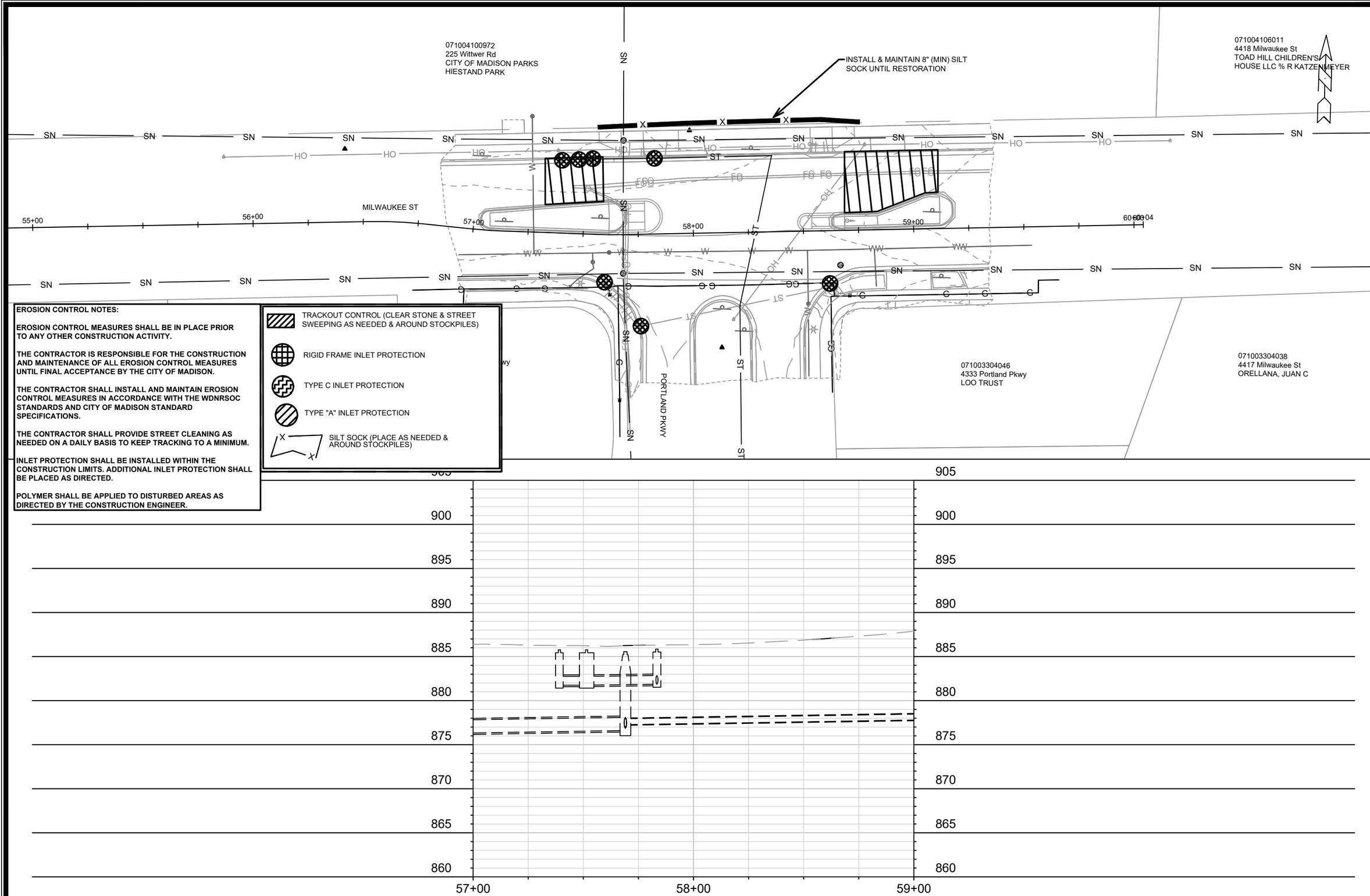
MADISON, WI

CONTRACT NO: 8800

15200

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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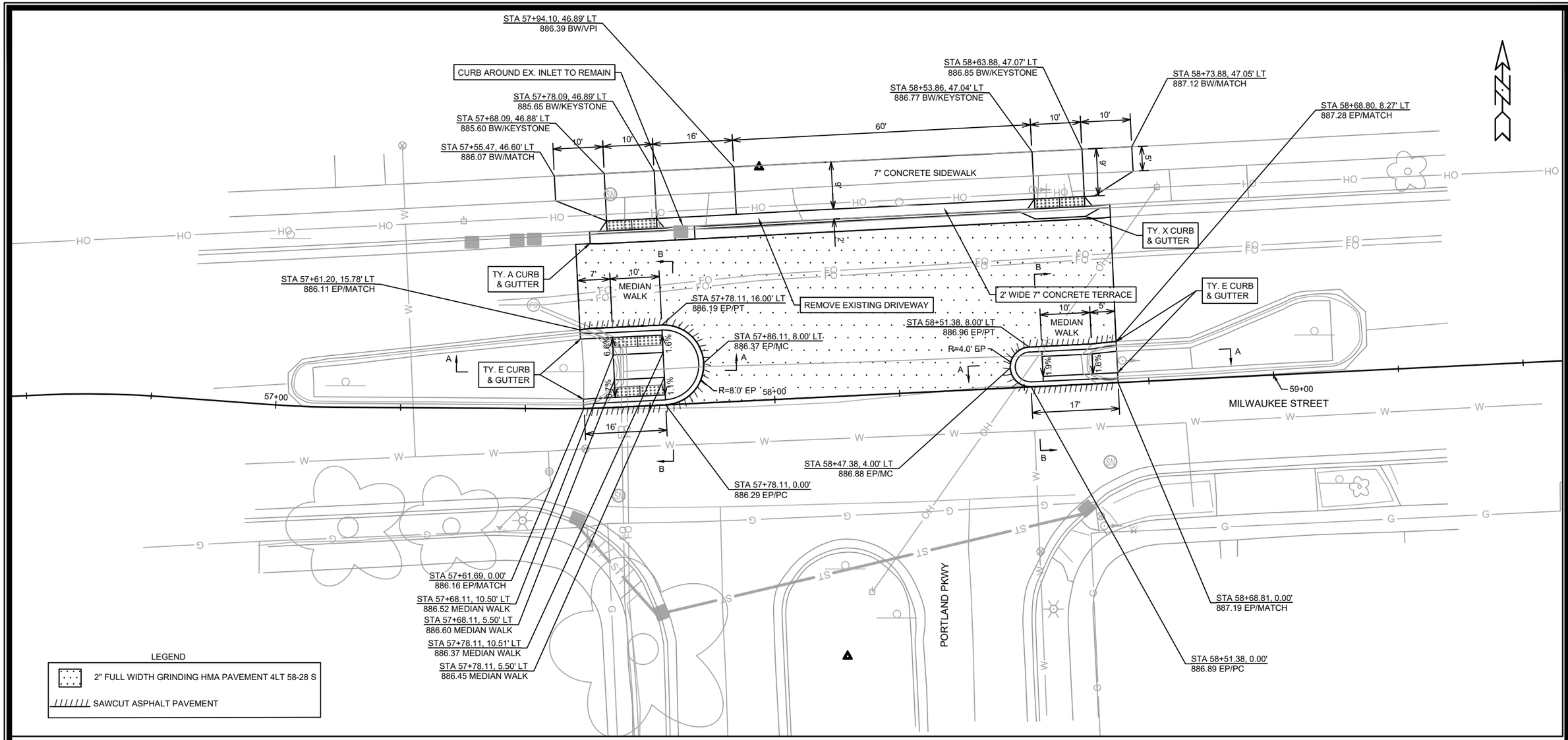
15200

MP-1

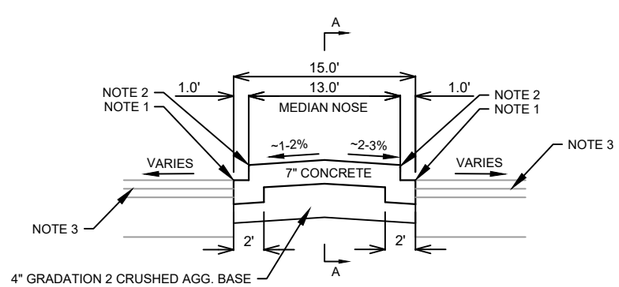


NOTES:

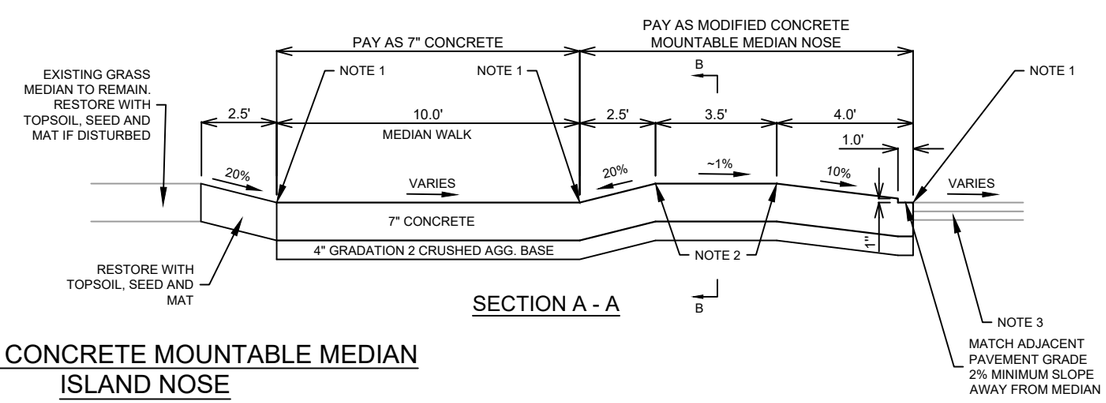
- RESTORE DISTURBED AREAS WITH TOPSOIL SEED AND MAT
- FINAL ASPHALT PATCHING LIMITS TO BE DETERMINED IN FIELD BY CONSTRUCTION ENGINEER
- RADII DIMENSIONED TO EDGE OF PAVEMENT
- ALL CURB RAMPS ARE 7" CONCRETE
- ALL SIDEWALK AND KEYSTONES ARE 5" CONCRETE

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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15200 | MP-2

15200

MADISON, WI

8800

CONTRACT NO:

MILWAUKEE PORTLAND PLAN

SAFE STREETS 2025

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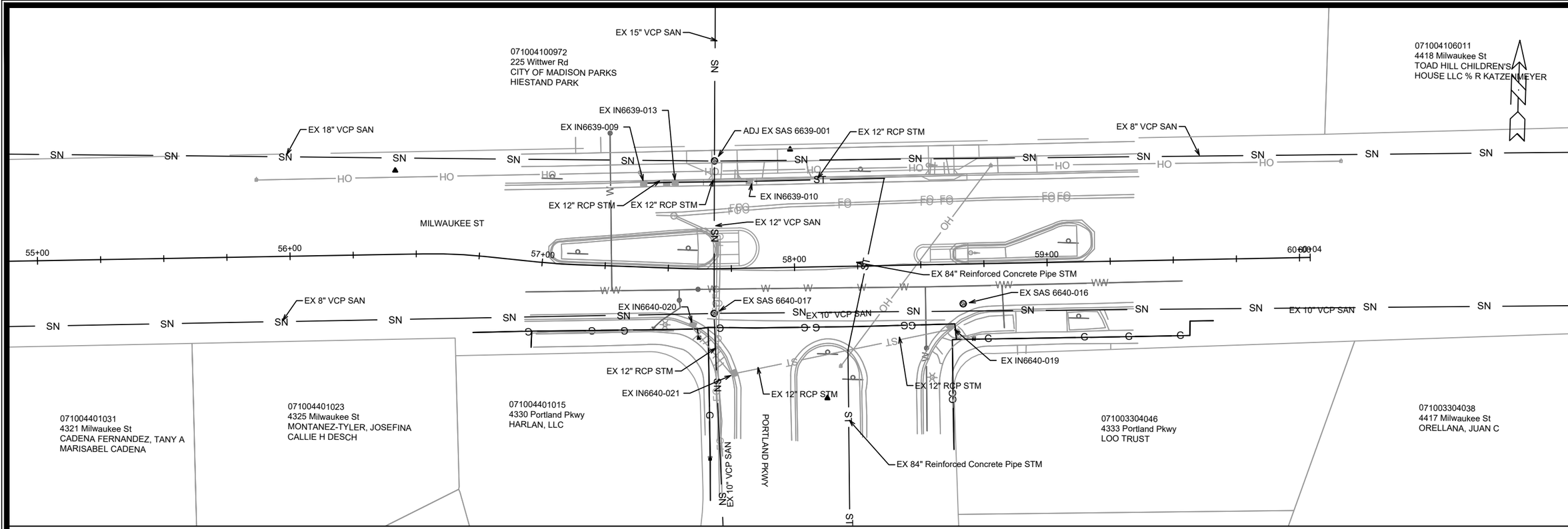

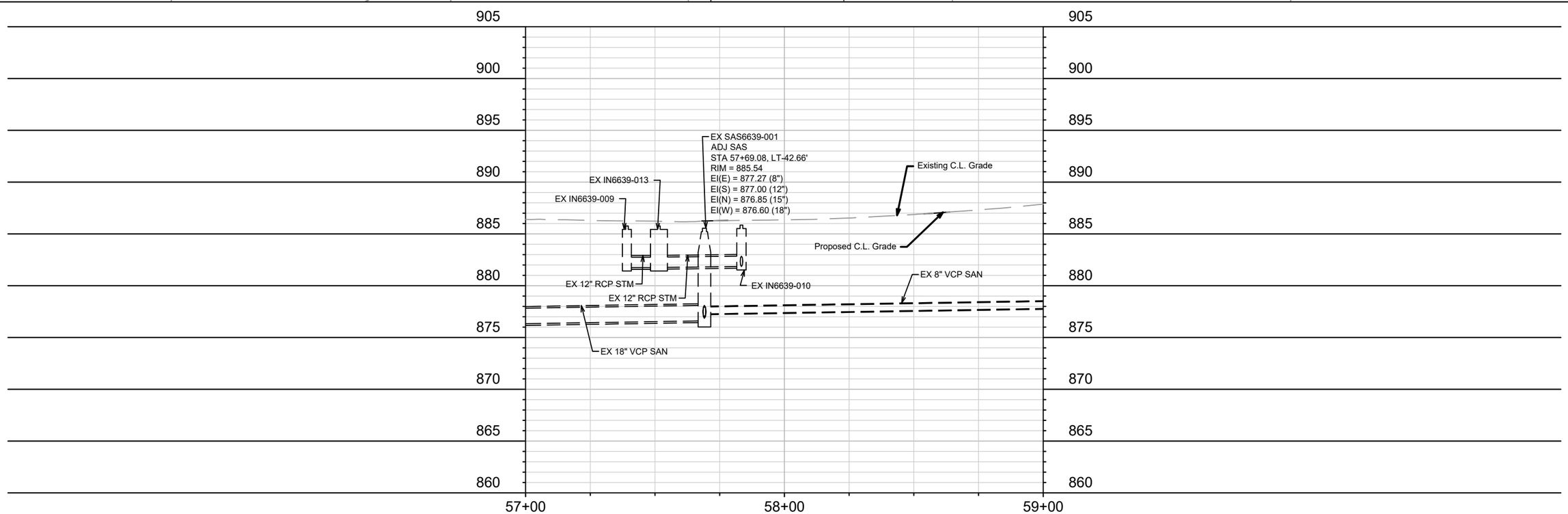

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MADISON, WI

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

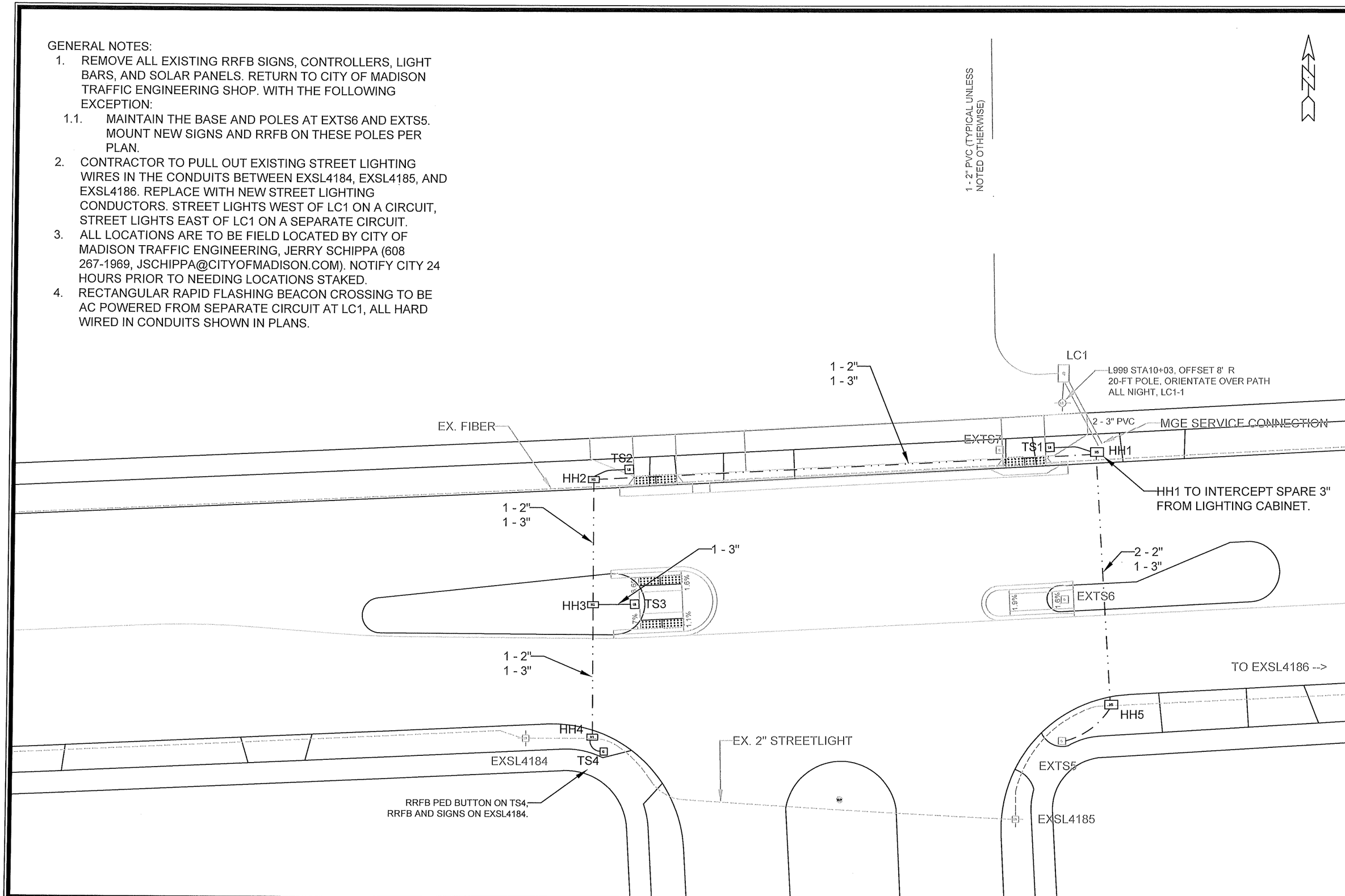
SAS NO.	STATION	LOCATION (OFFSET)	TOC	PROP TOC	ADJ (FT)	NOTES
MILWAUKEE ST						
SAS6639-001	57+69.08	LT-42.66	885.97	885.54	-0.43	[1]

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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ELECTRICAL PLANS - MILWAUKEE & PORTLAND PKWY RRFB

SAFE STREETS MADISON 2025

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MADISON, WI

CONTRACT NO: 8800

15200

MP-5

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.
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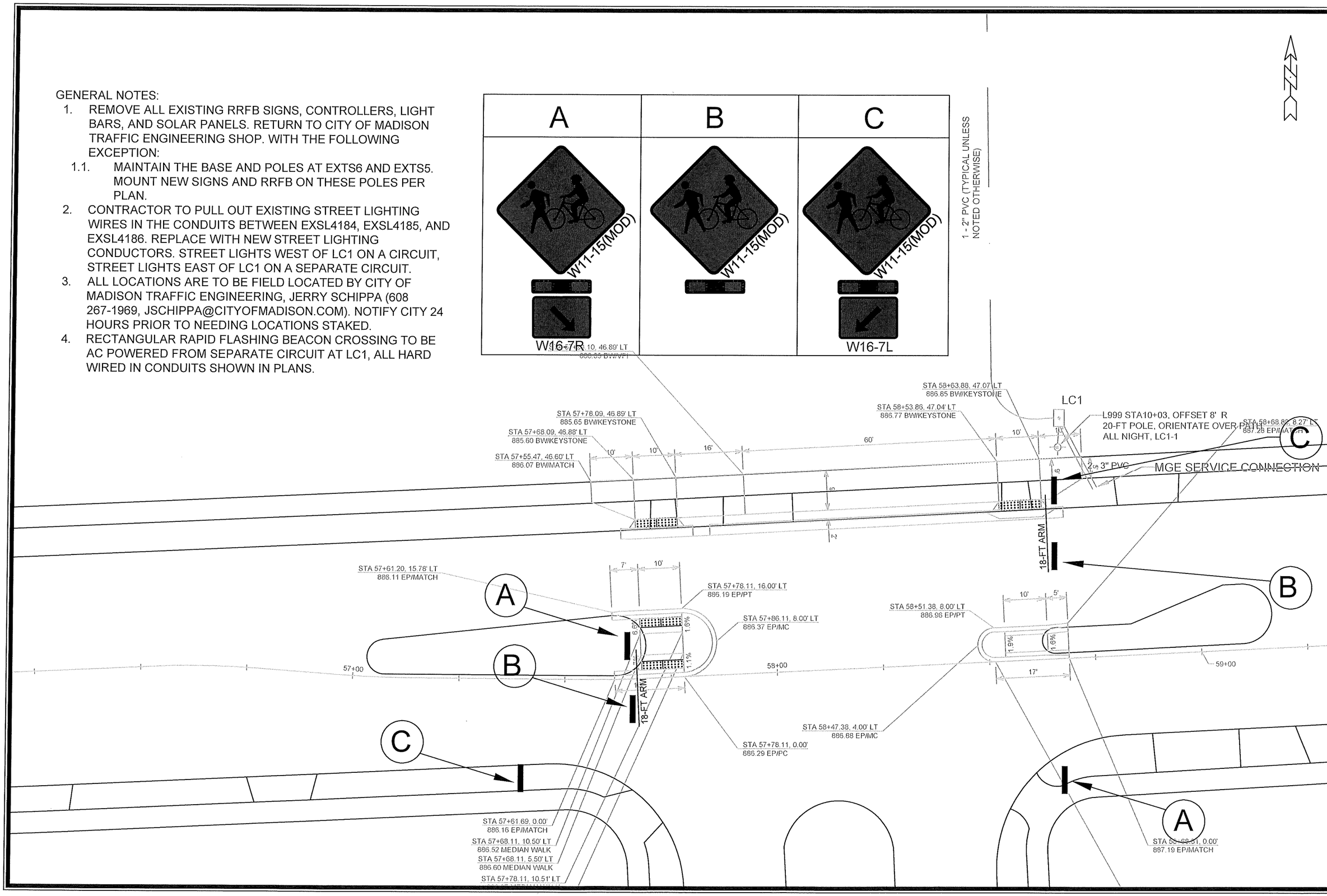

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15200 | MP-6

ELECTRICAL PLANS - MILWAUKEE & PORTLAND PKWY RRFB

SAFE STREETS MADISON 2025

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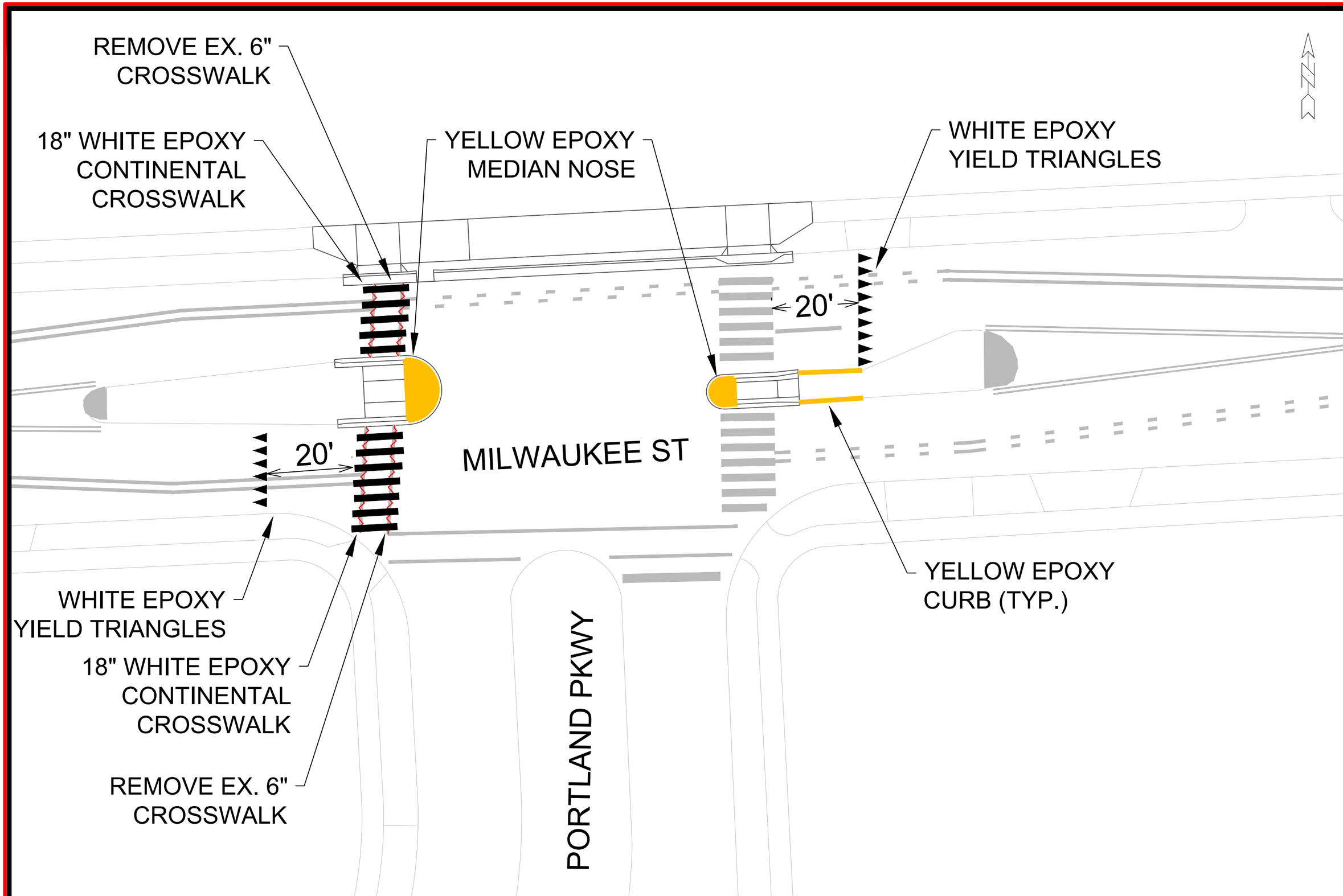
MADISON, WI

CONTRACT NO: 8800

15200

MP-6



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15200 | MP-7

PAVEMENT MARKING PLAN - MILWAUKEE AND PORTLAND

SAFE STREETS 2025

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MADISON, WI

CONTRACT NO: 8800

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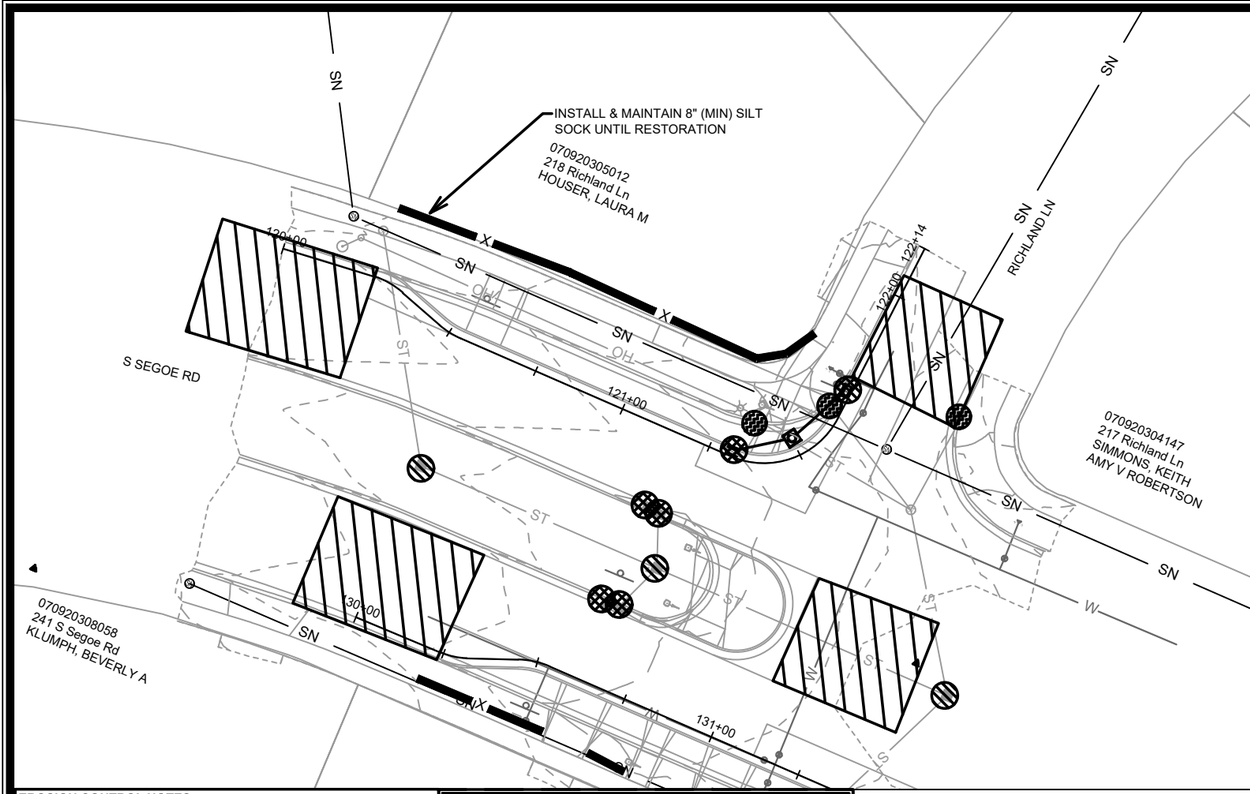

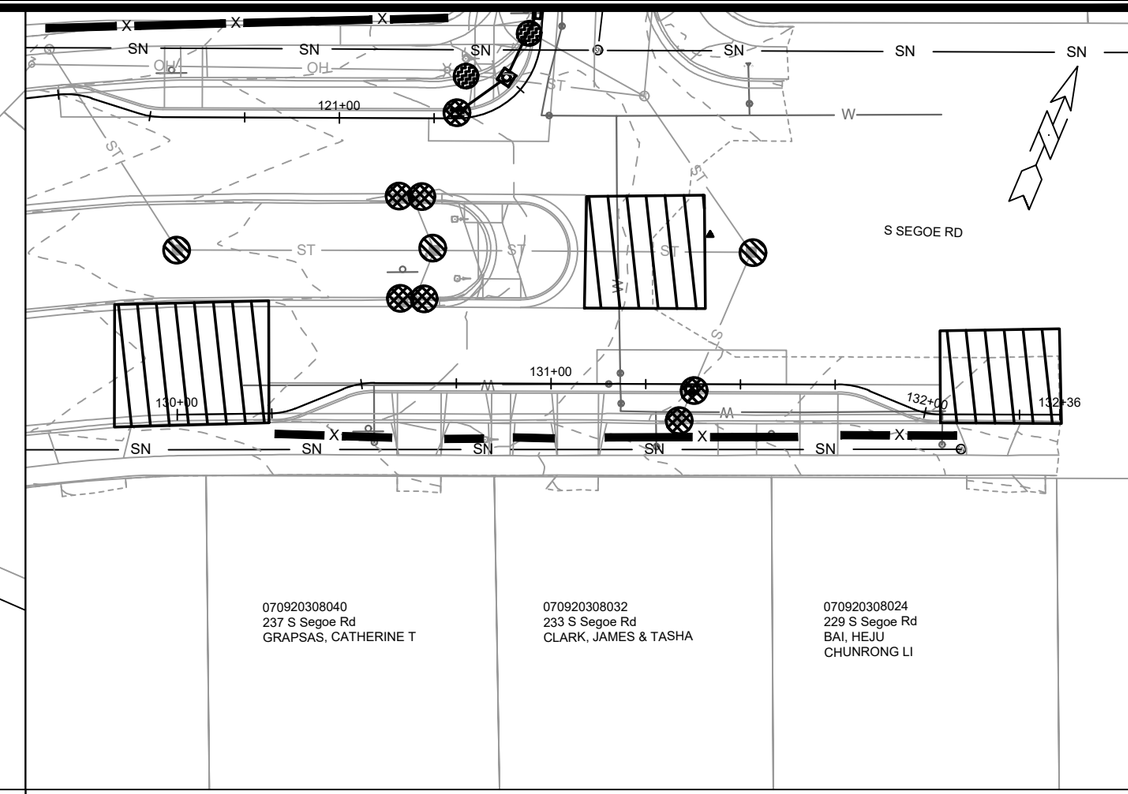

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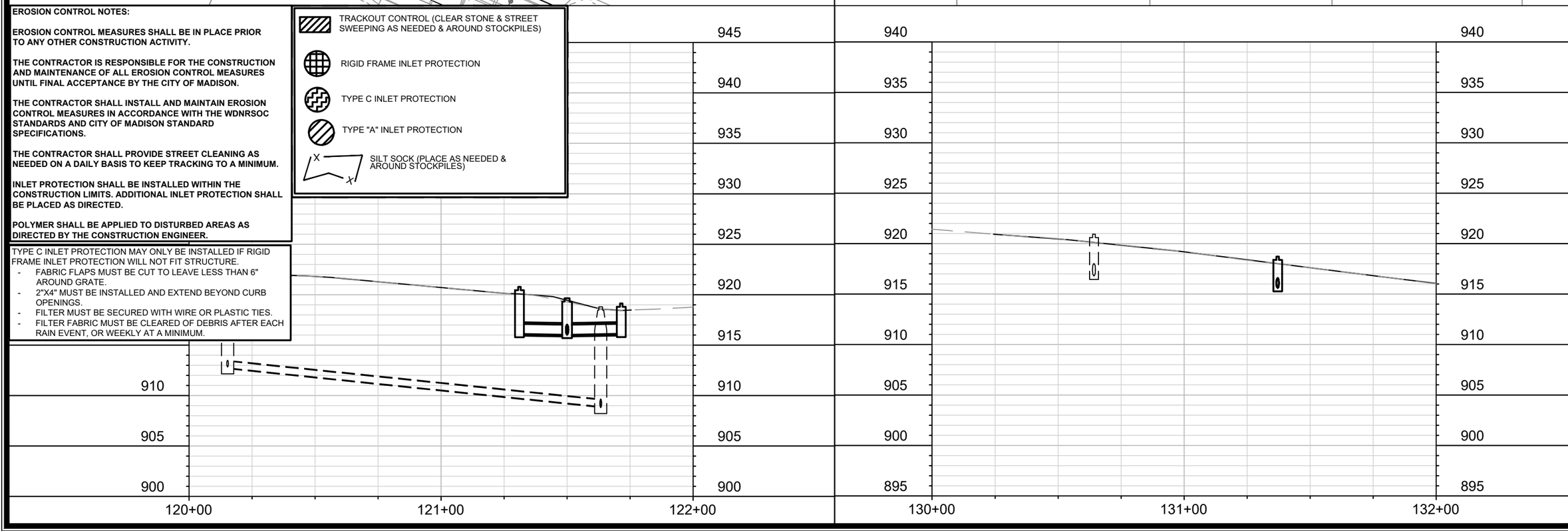
- TRACKOUT CONTROL (CLEAR STONE & STREET SWEEPING AS NEEDED & AROUND STOCKPILES)
- RIGID FRAME INLET PROTECTION
- TYPE C INLET PROTECTION
- TYPE "A" INLET PROTECTION
- SILT SOCK (PLACE AS NEEDED & AROUND STOCKPILES)

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 | SR-1

15200

MADISON, WI

CONTRACT NO: 8800

EROSION CONTROL PLAN - S SEGOE RD

SAFE STREETS 2025

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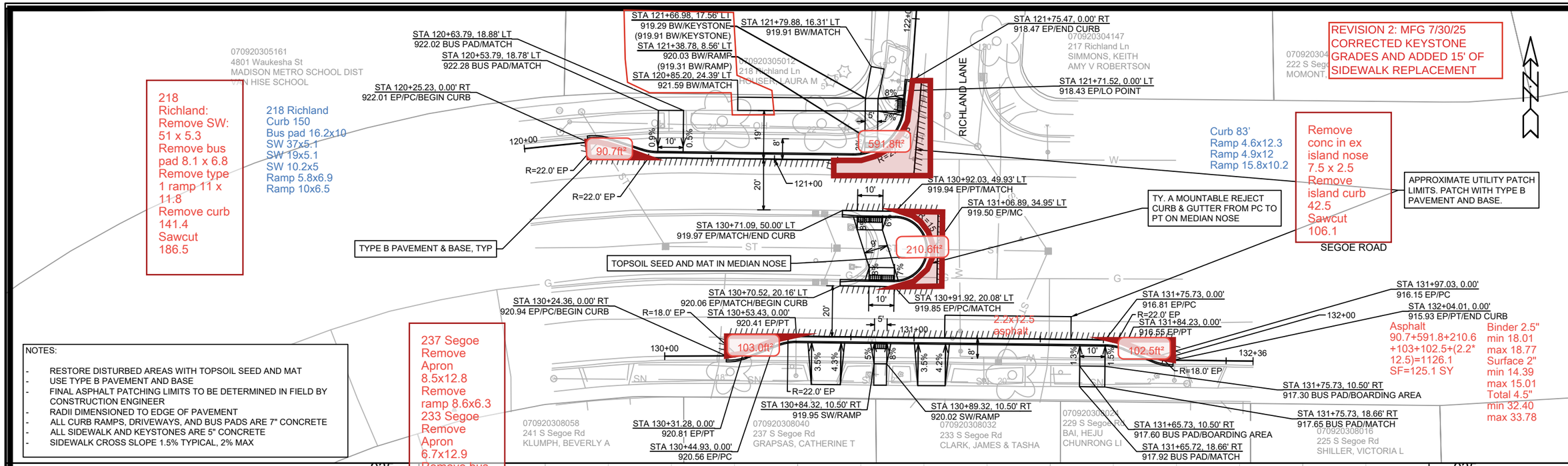
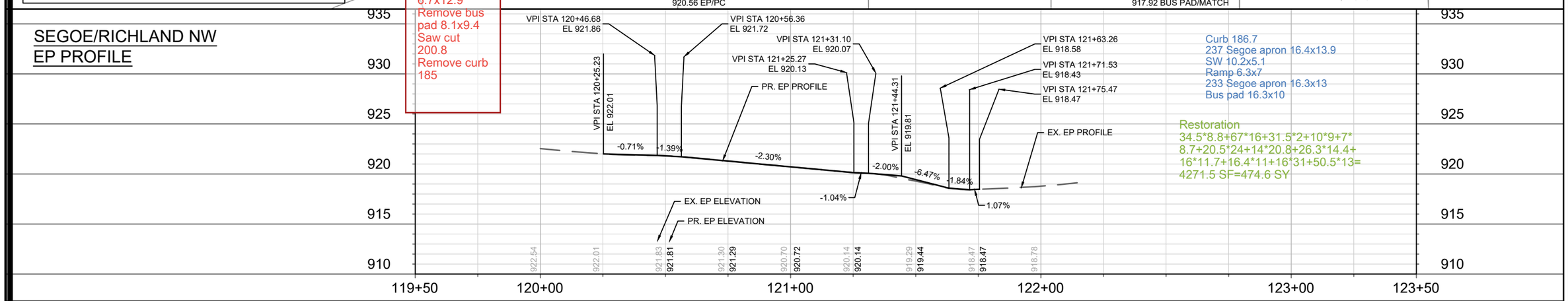


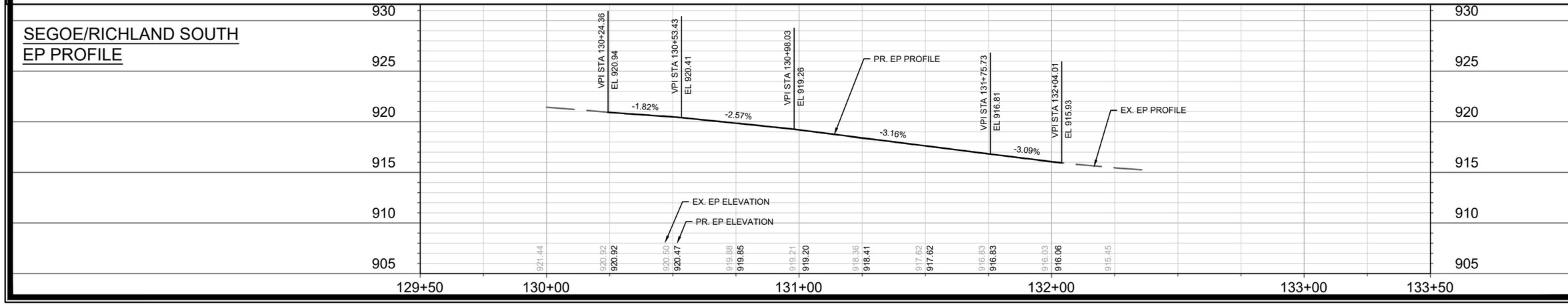
NOTES:

- 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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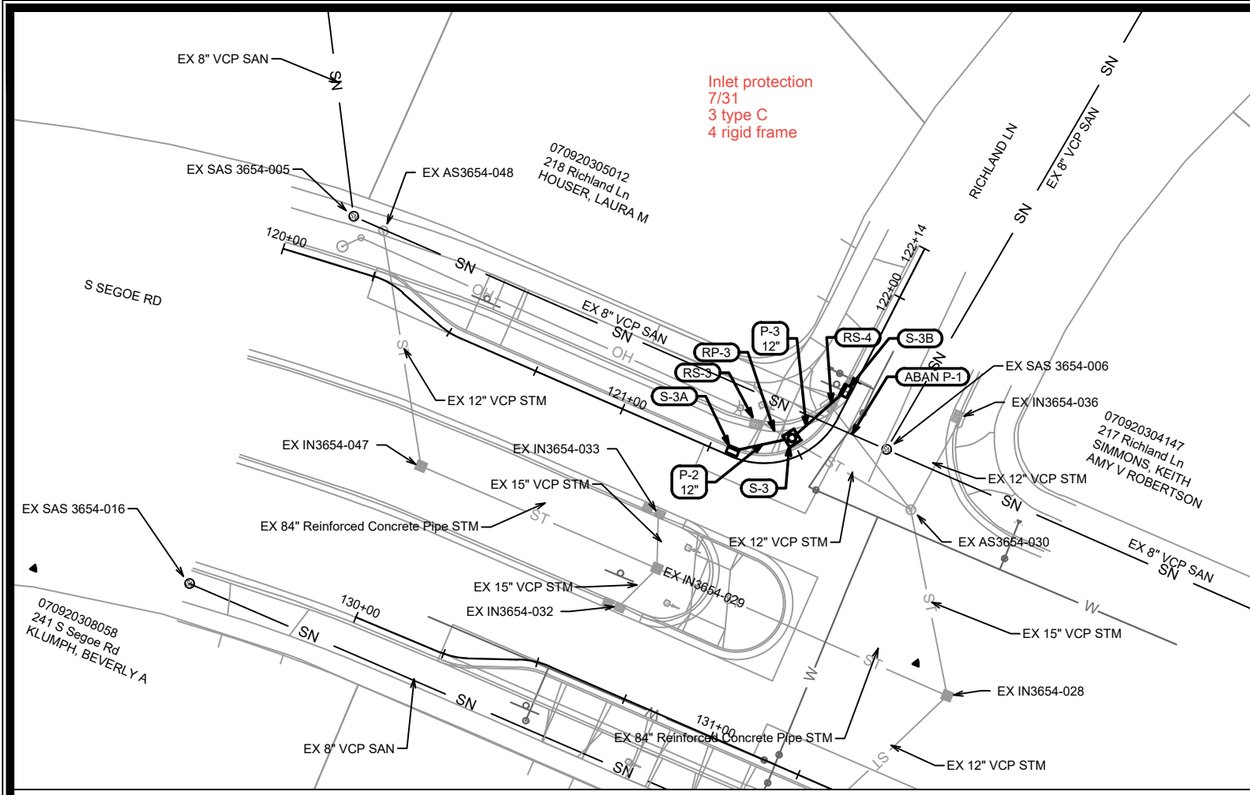
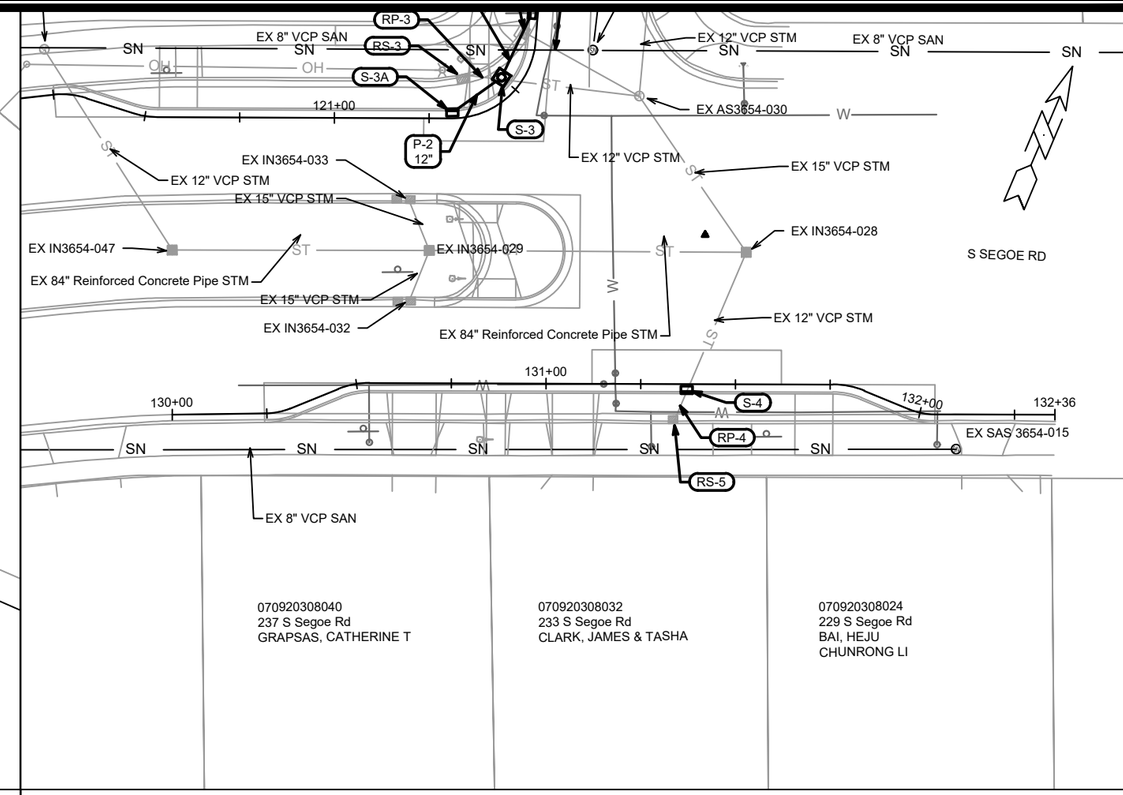
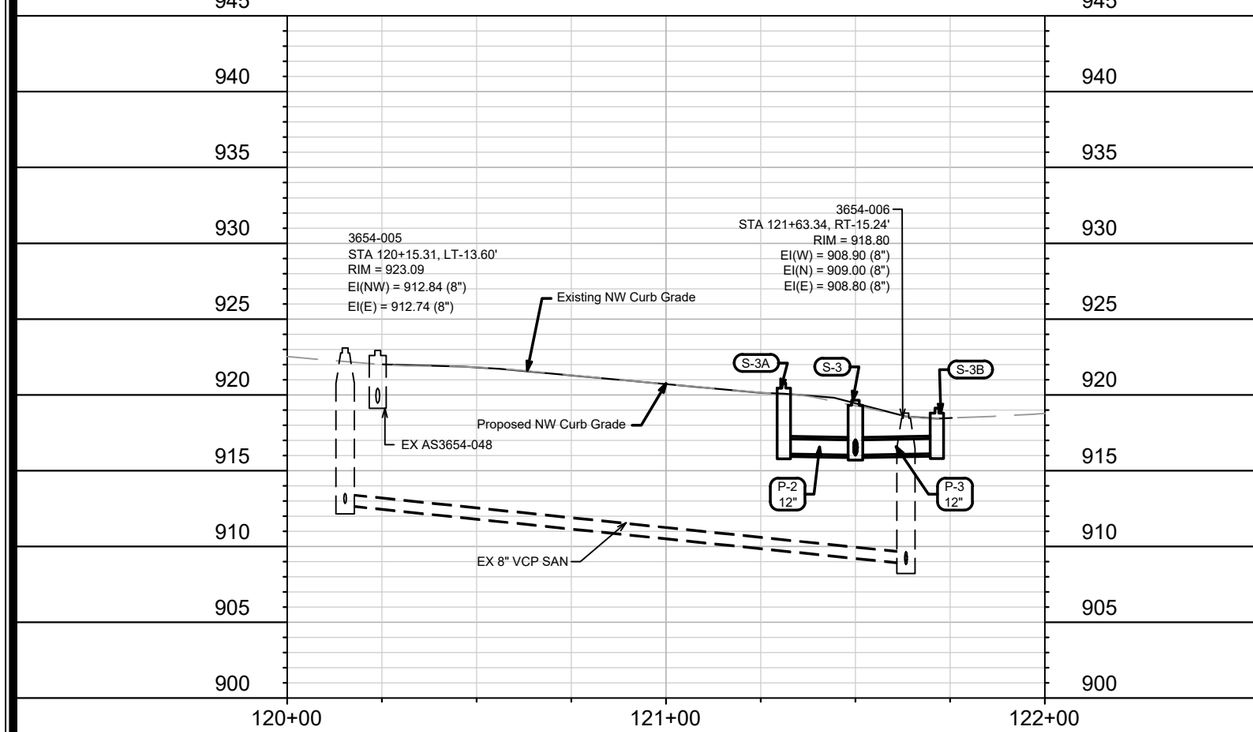
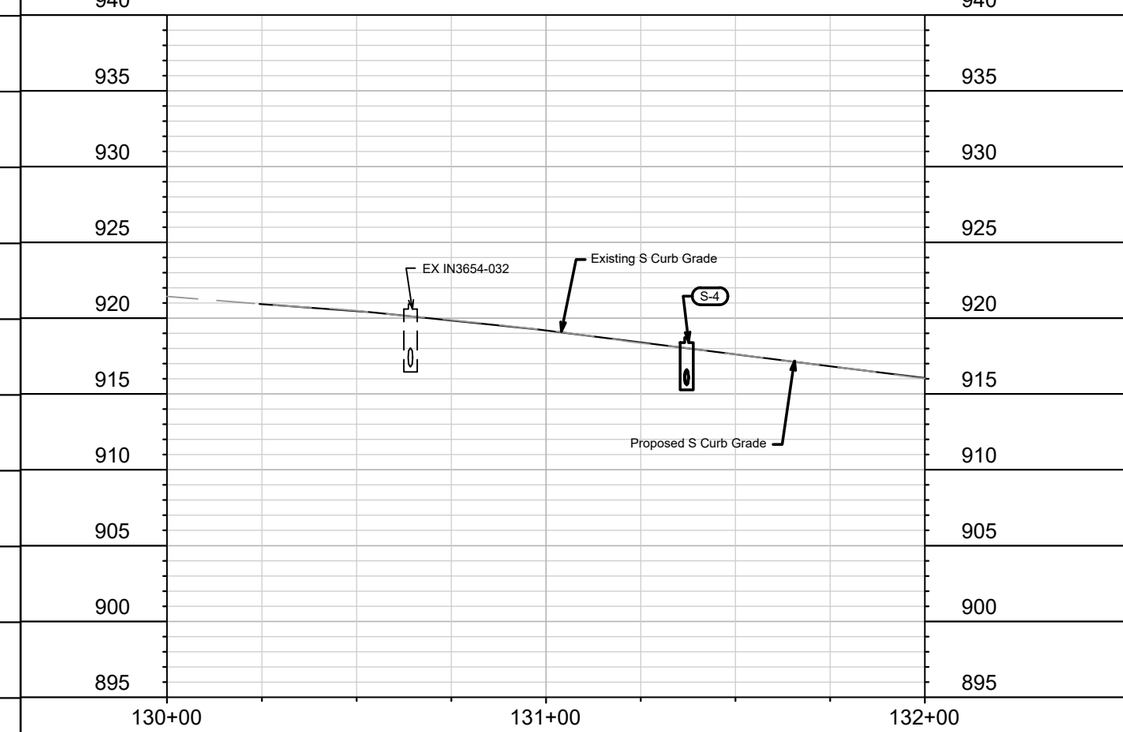
SR-2









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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

***REVISED BY EKG: 7/30/25**

REVISION 2: EKG 7/30/25
UPDATED TOP OF CASTING FOR PROPOSED STORM STRUCTURES. CHANGED S-3B TO A FIELD POUR. CHANGED THE MATERIAL OF P-3 FROM TYPE II TO RCP.

SEGOE RICHLAND	SHEET NO.
PROJECT NO. 15200	SR-4
STORM SEWER SCHEDULE	
CITY OF MADISON	

PROPOSED STORM STRUCTURES

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

PROPOSED STORM PIPES

PIPE NO.	FROM (DNSTM)	TO (UPSTM)	DISCH. E.I.	INLET E.I.	PLAN (PAY) LGTH (FT)	PIPE LGTH (FT)	SLOPE (%)	PIPE SIZE	TYPE	NOTES
S SEGOE RD										
P-2	S-3	S-3A	916.03	916.11	~~10~~ 15	12	0.64%	12"	TYPE ~~II~~ I	
* P-3	S-3	S-3B	916.03	916.12	19	16	0.57%	12"	**RCP**	

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

REMOVE STORM STRUCTURES

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

REMOVE AND ABANDON STORM PIPES

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

SPECIFIC NOTES

[1] CONNECT TO EXISTING 12" VCP PIPE

STANDARD NOTES:

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

GENERAL NOTES

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

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

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

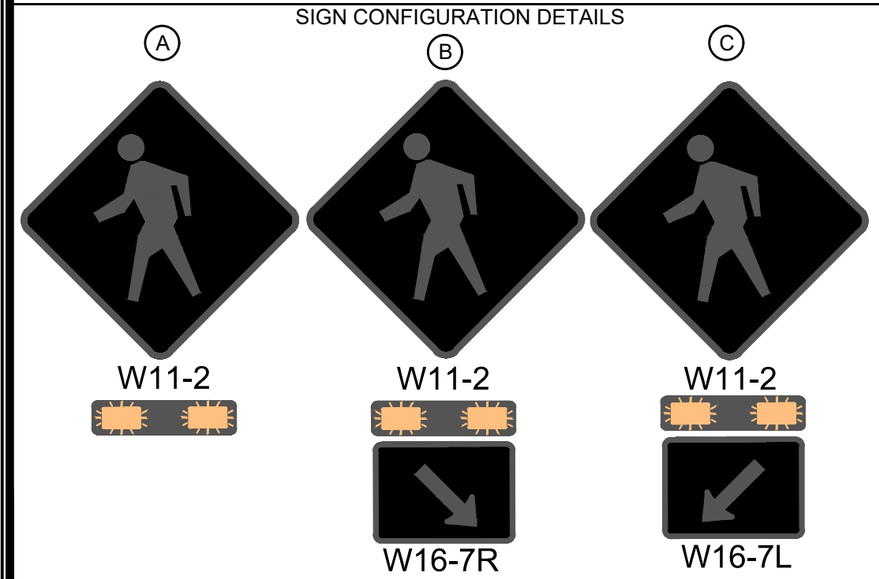
EX. 1
1. EXISTING BASE AND EQUIPMENT TO REMAIN.
2. CONTRACTOR MAY REMOVE SIGNAL POLE AND EQUIPMENT TO FACILITATE CONCRETE WORK.

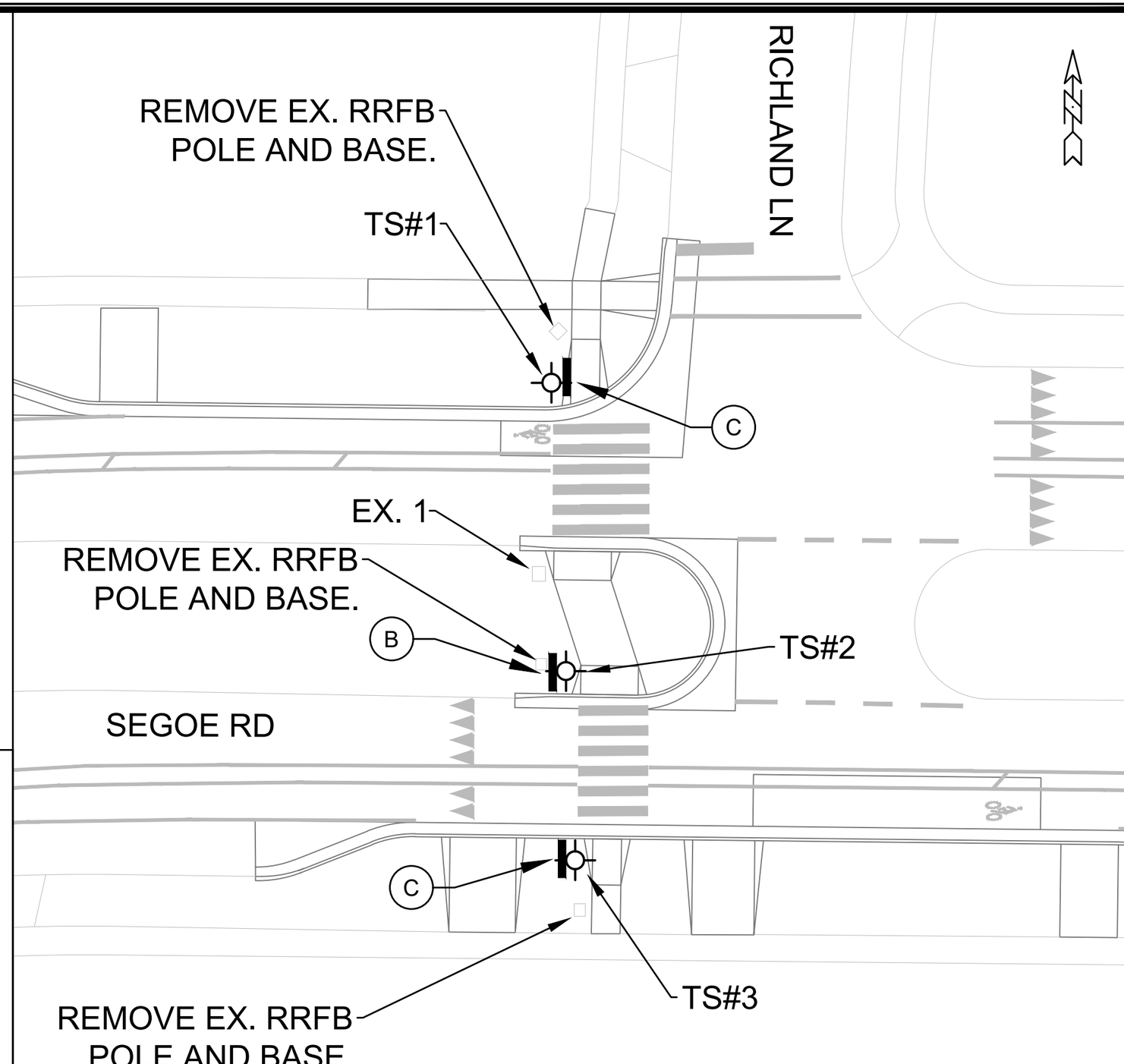
NOTES:
1. PAVEMENT MARKINGS BY OTHERS.
2. CONTRACTOR TO SALVAGE ALL RRFB EQUIPMENT AND REINSTALL IS POSSIBLE.
3. CONTRACTOR TO INSTALL CARMANAH SYSTEM OR EQUIVALENT IF REPLACEMENT PARTS ARE NECESSARY.
4. PROGRAM FLASH FOR 20 SECONDS.

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

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

SIGN CONFIGURATION DETAILS





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Designed By: LMC | Date: 2/26/2026 8:32 AM | Scale: 1" = 30' | SR-5

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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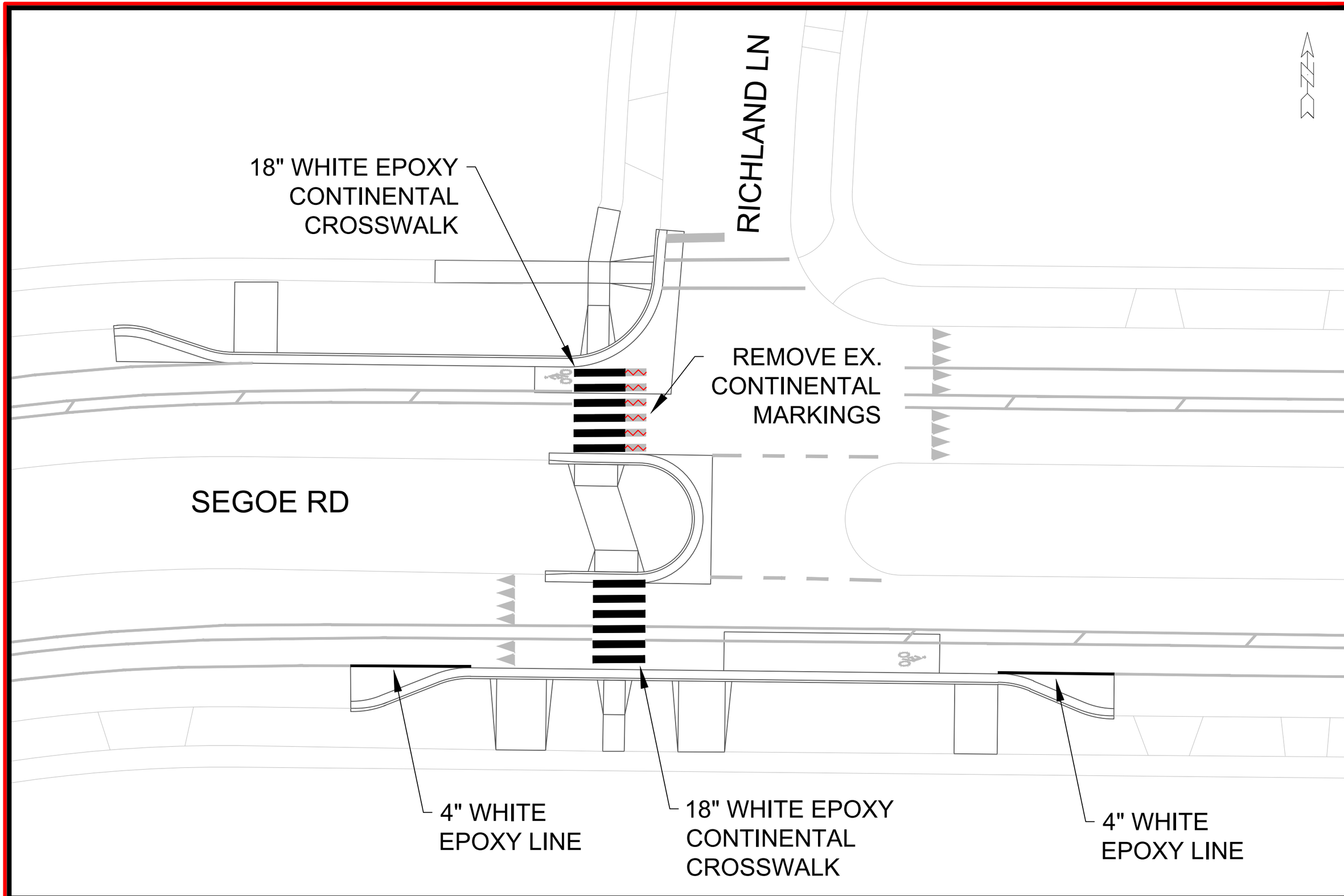
SR-6



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PAVEMENT MARKING PLAN - SEGOE AND RICHLAND

MADISON, WI

SAFE STREETS 2025

CONTRACT NO: 8800

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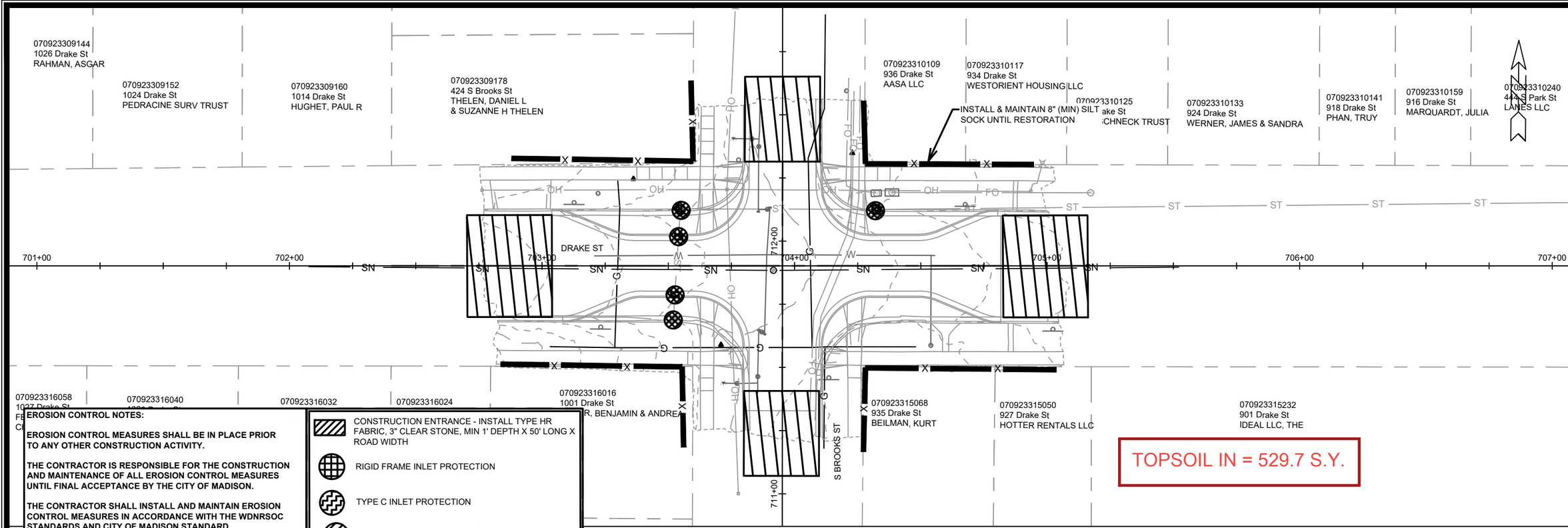
15200

SR-7

SR-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.

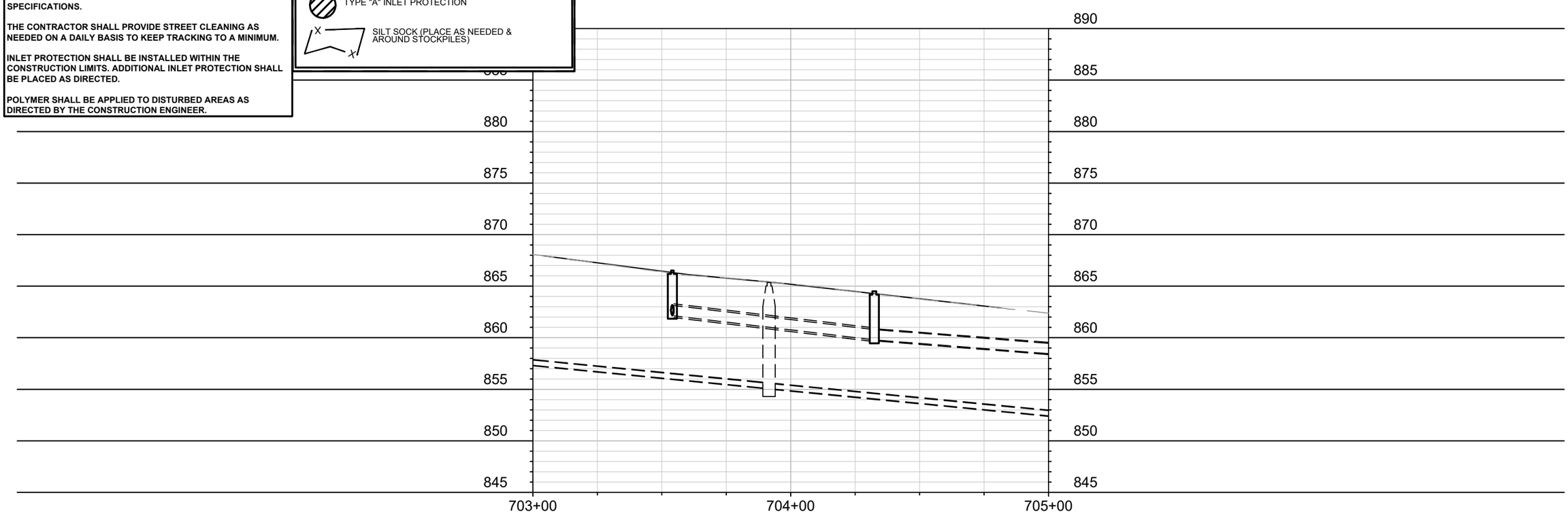
THE CONTRACTOR SHALL INSTALL AND MAINTAIN EROSION CONTROL MEASURES IN ACCORDANCE WITH THE WDNRSOC STANDARDS AND CITY OF MADISON STANDARD SPECIFICATIONS.

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.

- 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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DB-1

15200

MADISON, WI

8800

CONTRACT NO:

EROSION CONTROL PLAN - DRAKE ST

SAFE STREETS 2025

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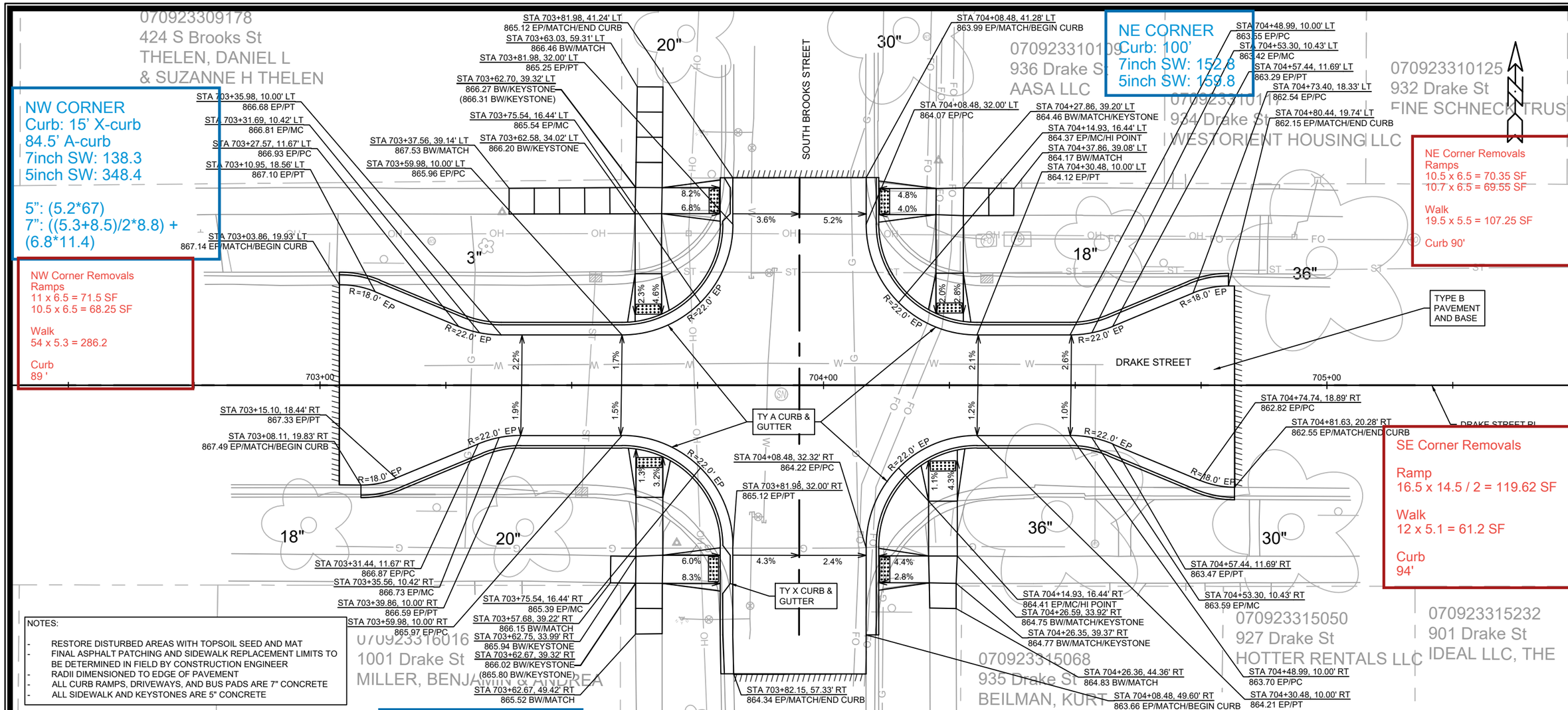
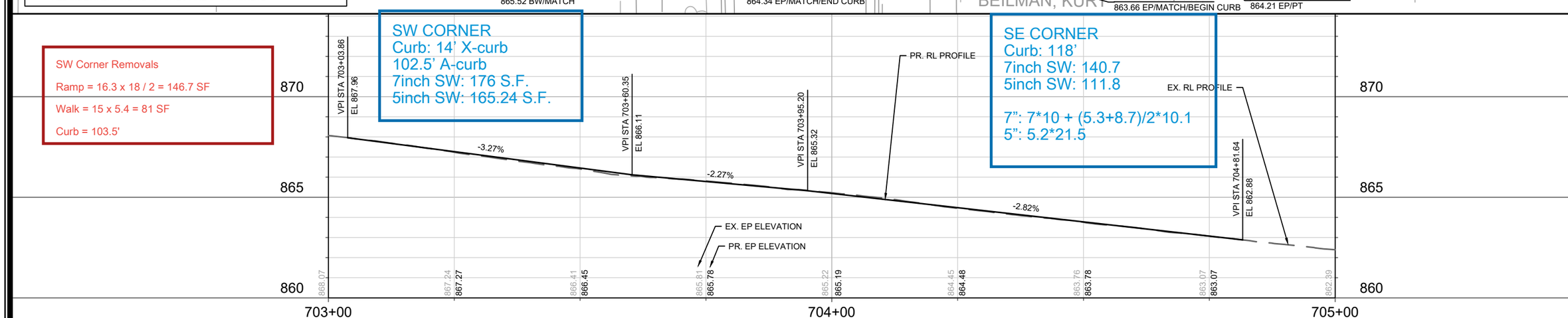


NOTES:

- 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

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CONTRACT NO:

DRAKE BROOKS PLAN & PROFILE

SAFE STREETS 2025

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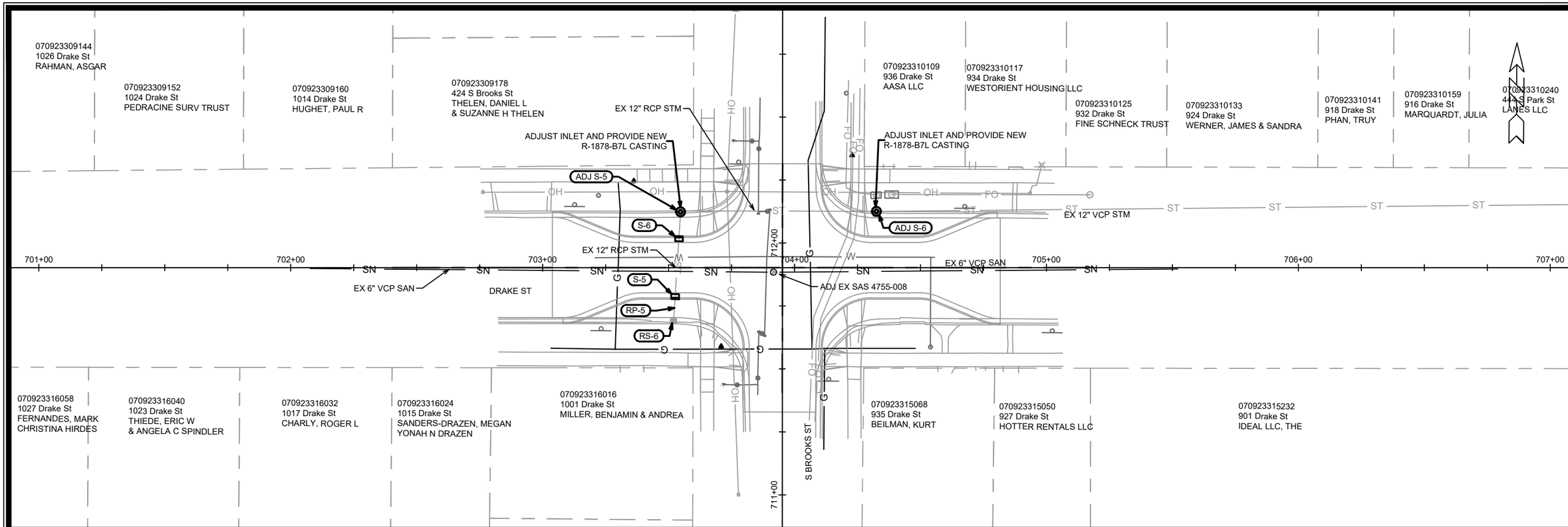

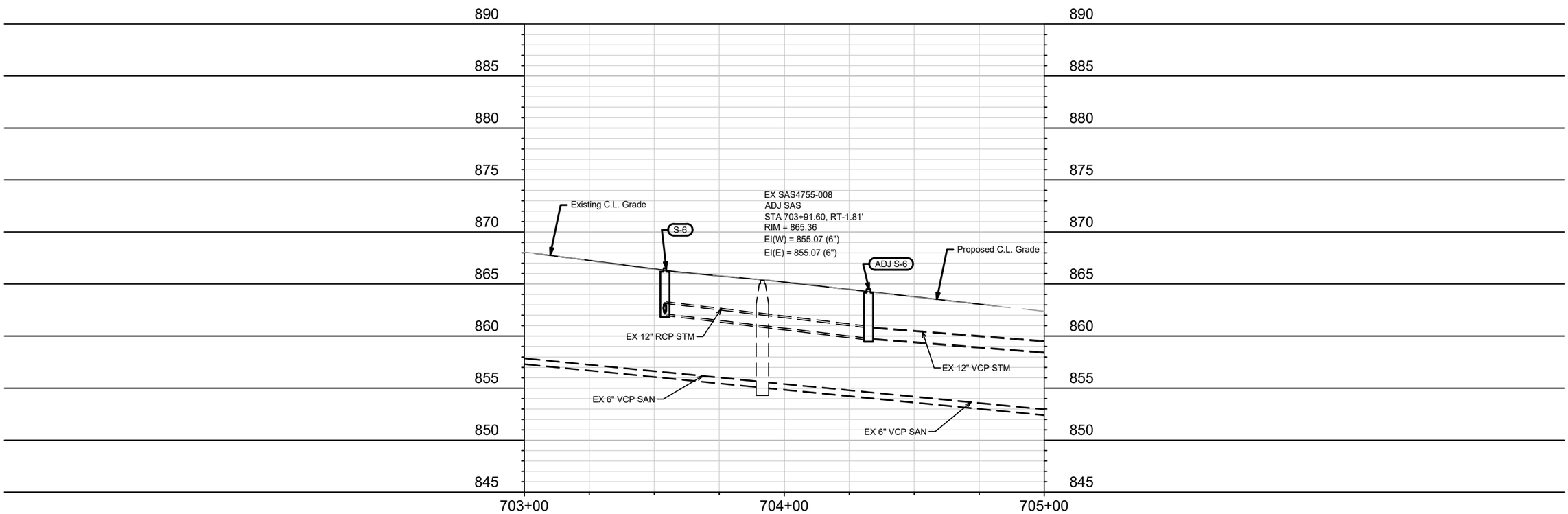

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MADISON, WI

8800

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]

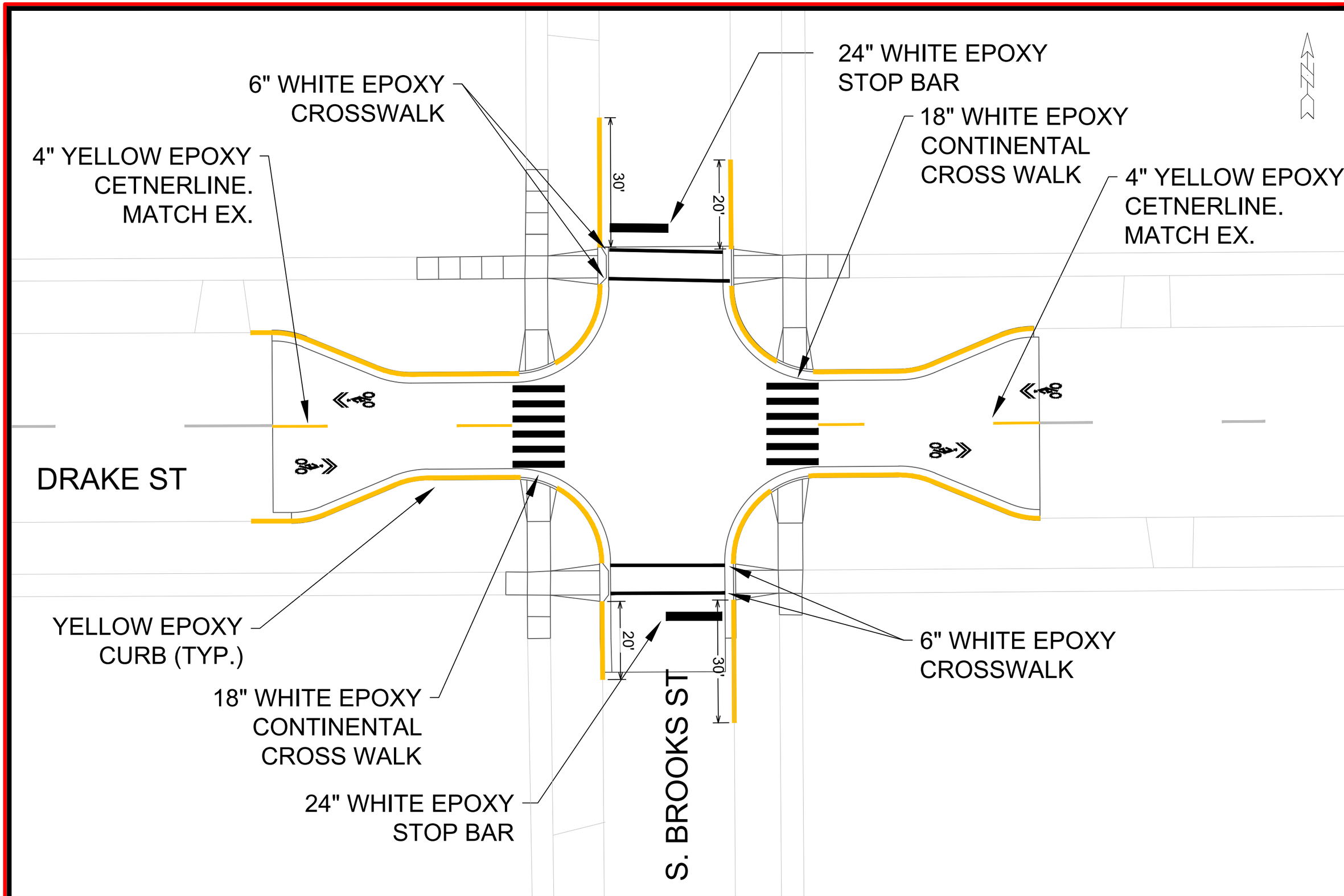
SPECIFIC NOTES

[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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15200 | DB-6

15200

MADISON, WI

8800

CONTRACT NO:

PAVEMENT MARKING PLAN - DRAKE AND BROOKS

SAFE STREETS 2025

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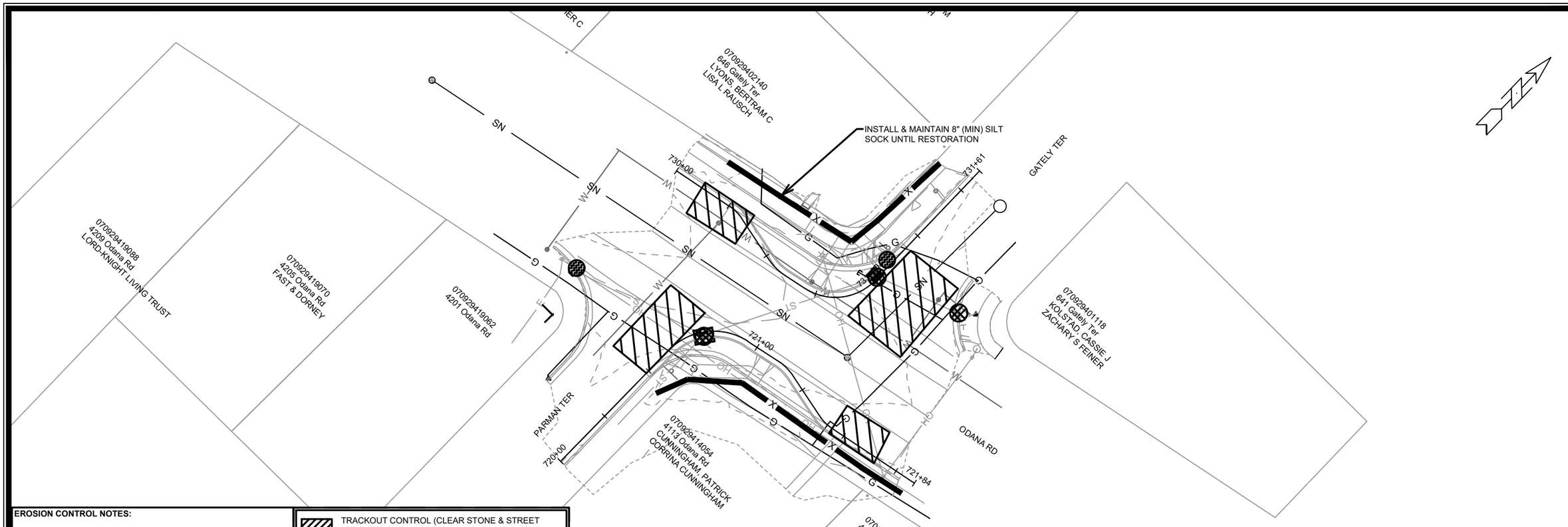
15200

DB-6



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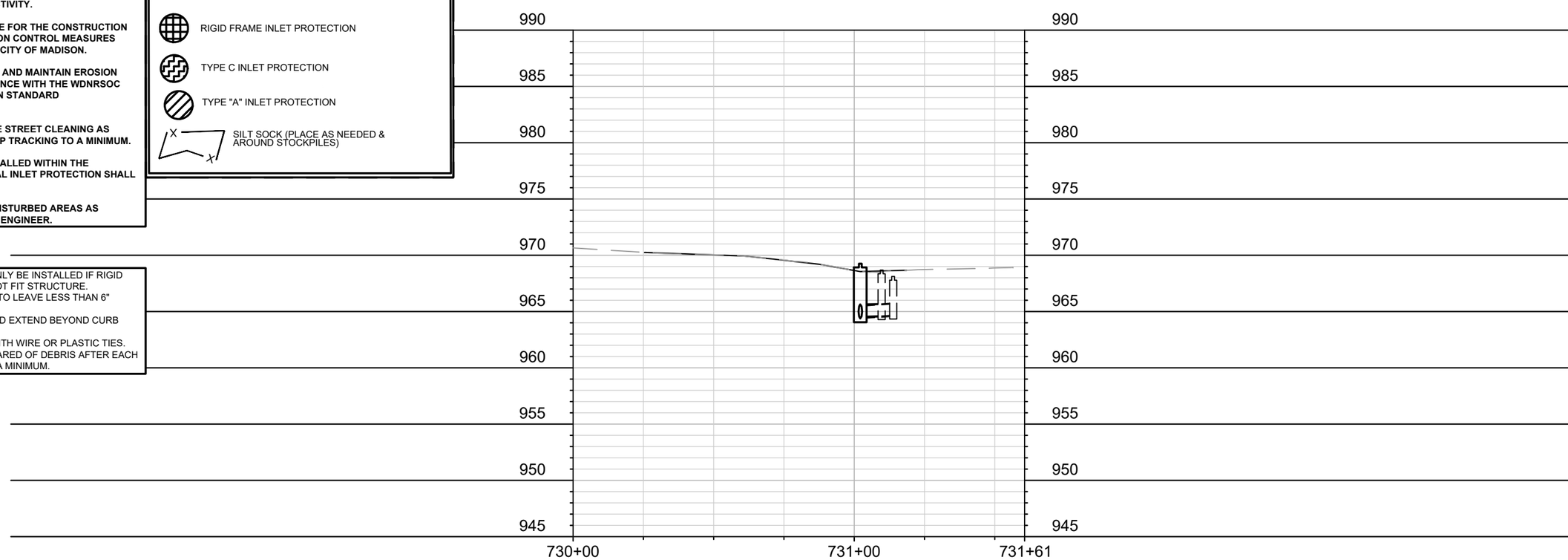
POLYMER SHALL BE APPLIED TO DISTURBED AREAS AS DIRECTED BY THE CONSTRUCTION ENGINEER.

- 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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15200 | OD-1

15200

MADISON, WI

8800

CONTRACT NO:

EROSION CONTROL PLAN - ODANA RD

SAFE STREETS 2025

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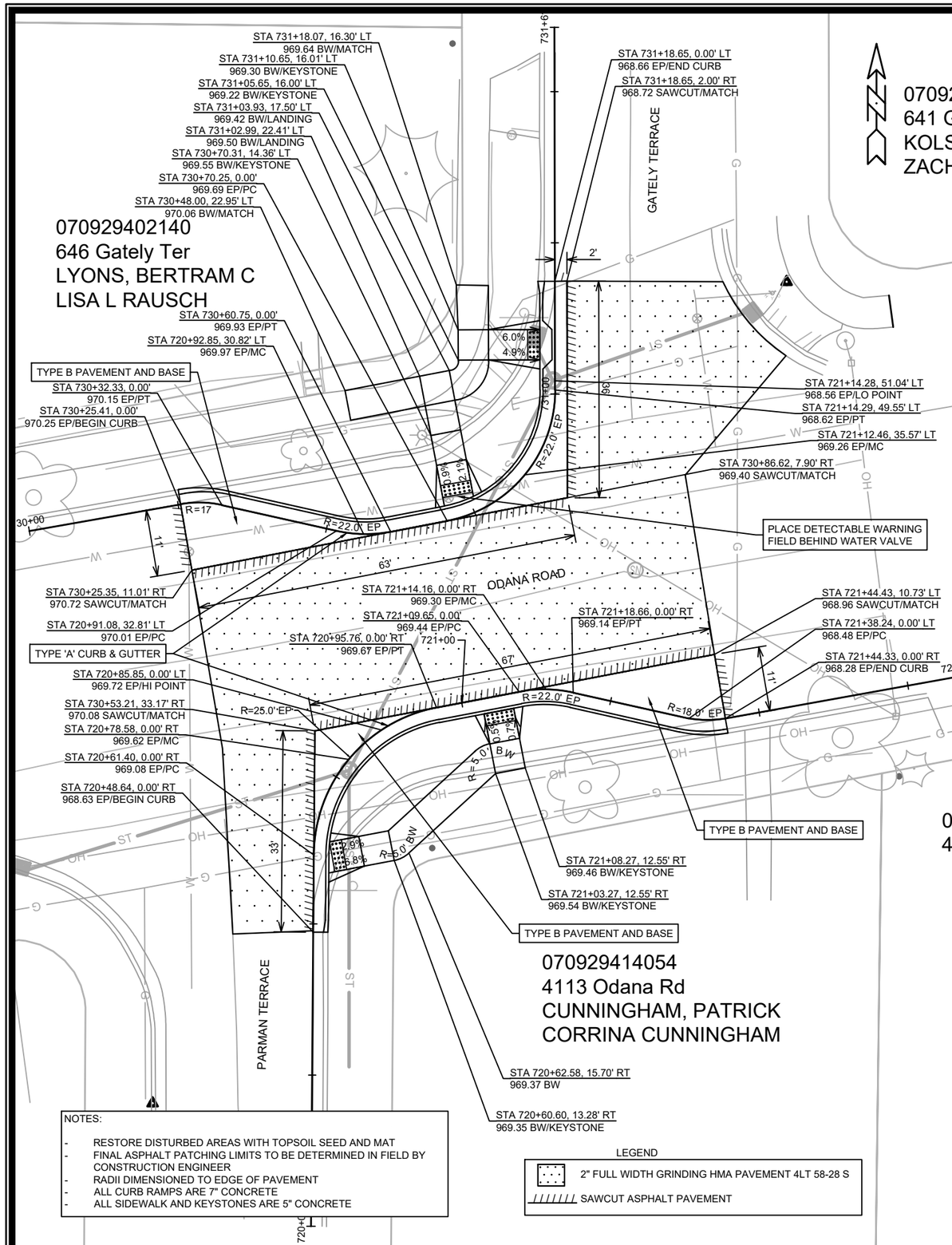
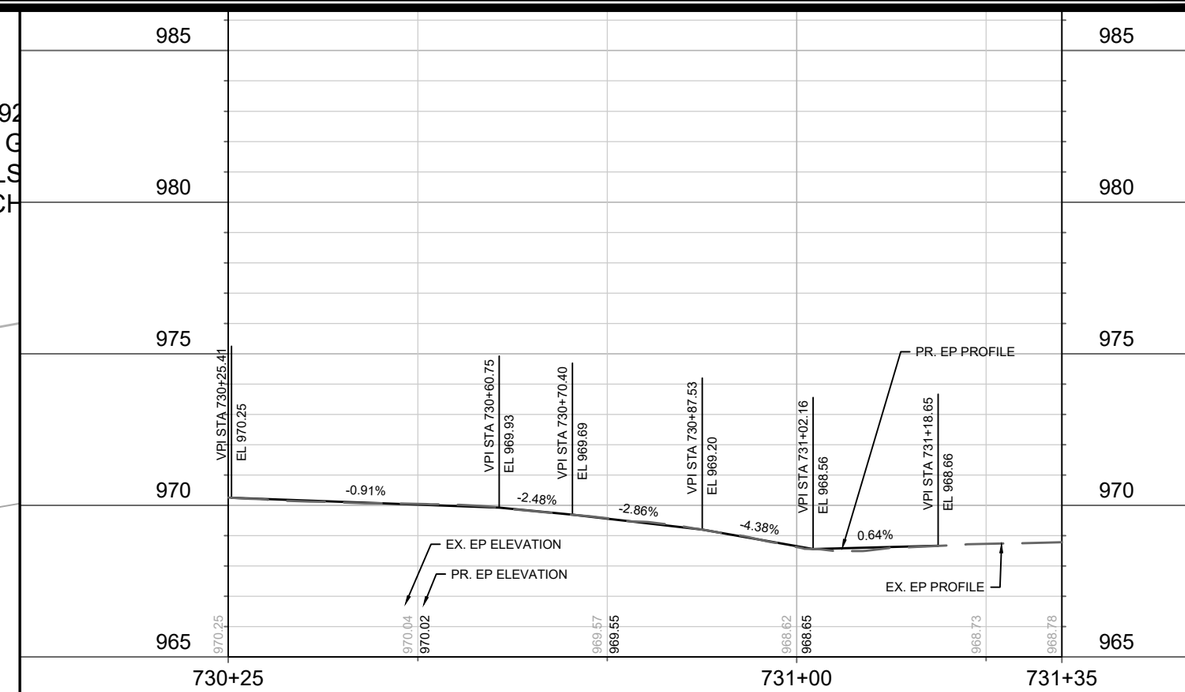
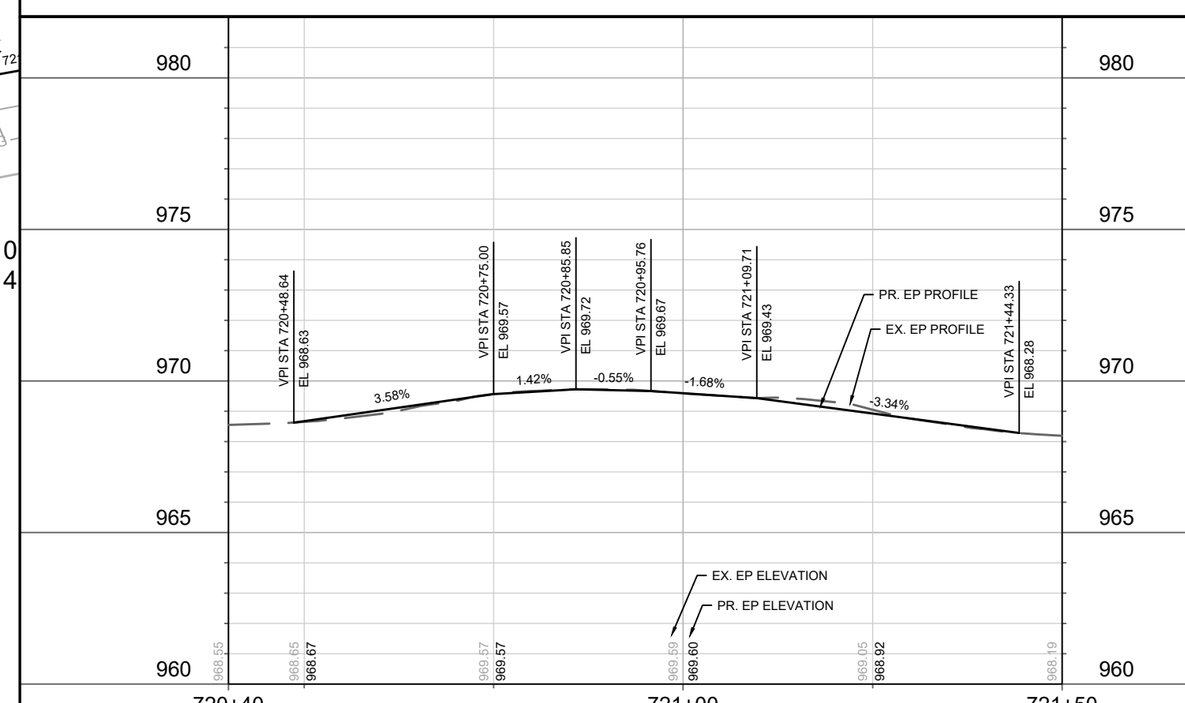


NOTES:

- 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

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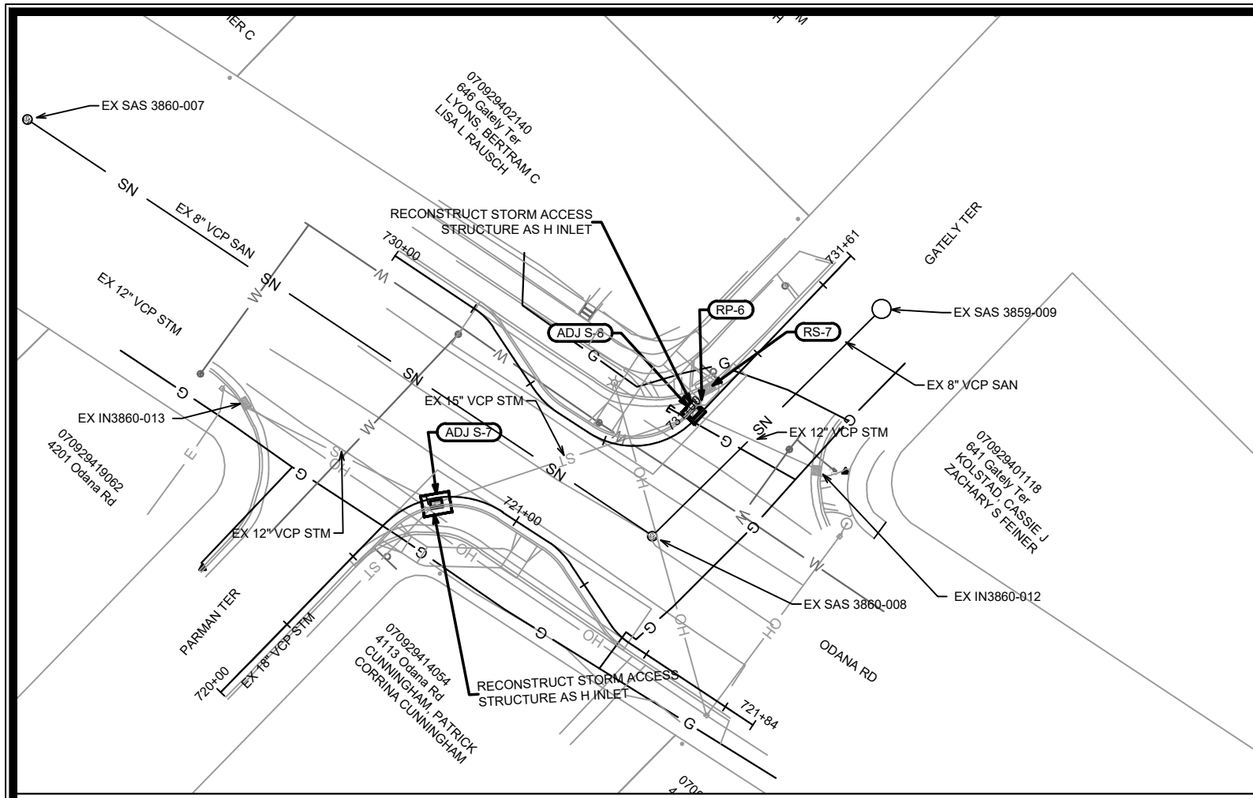
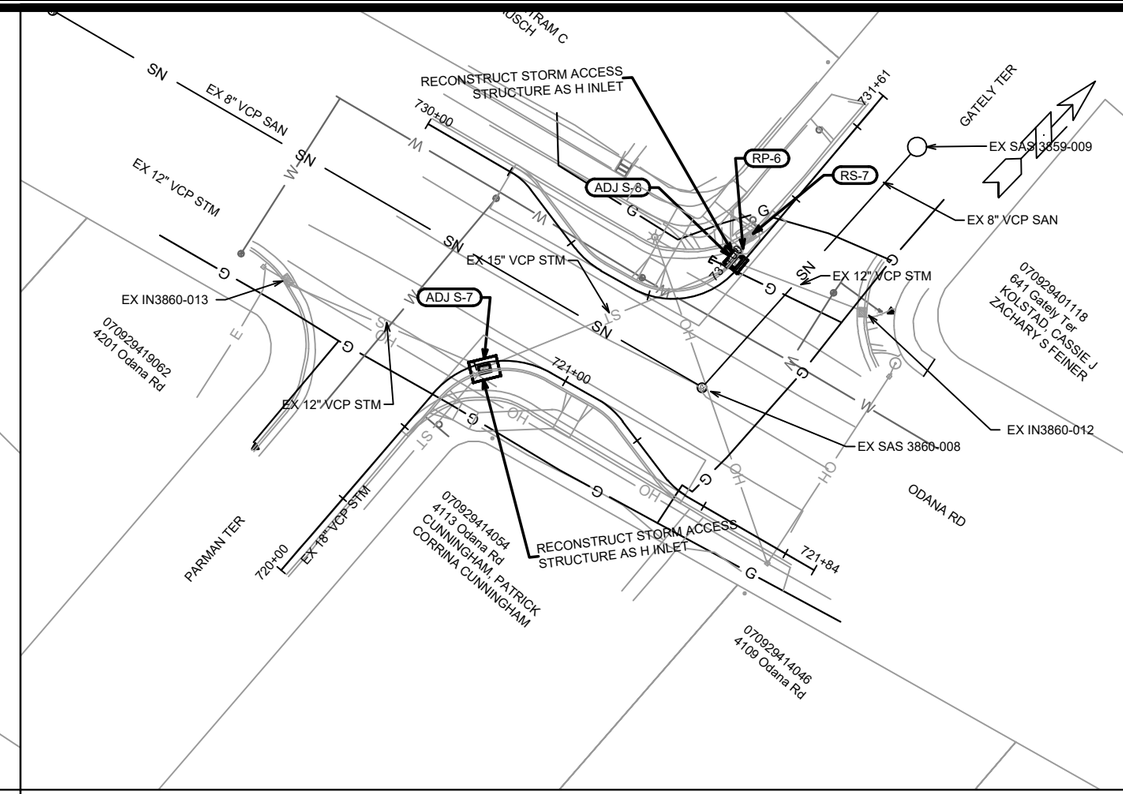
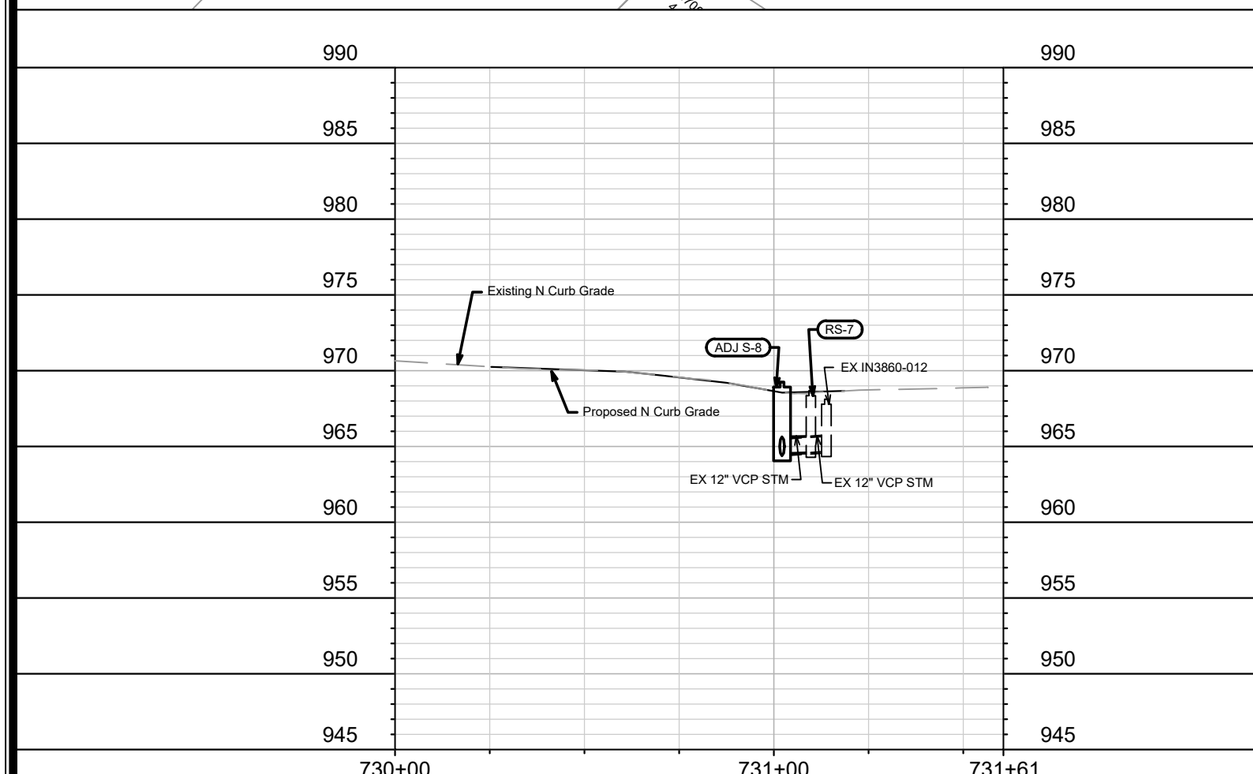
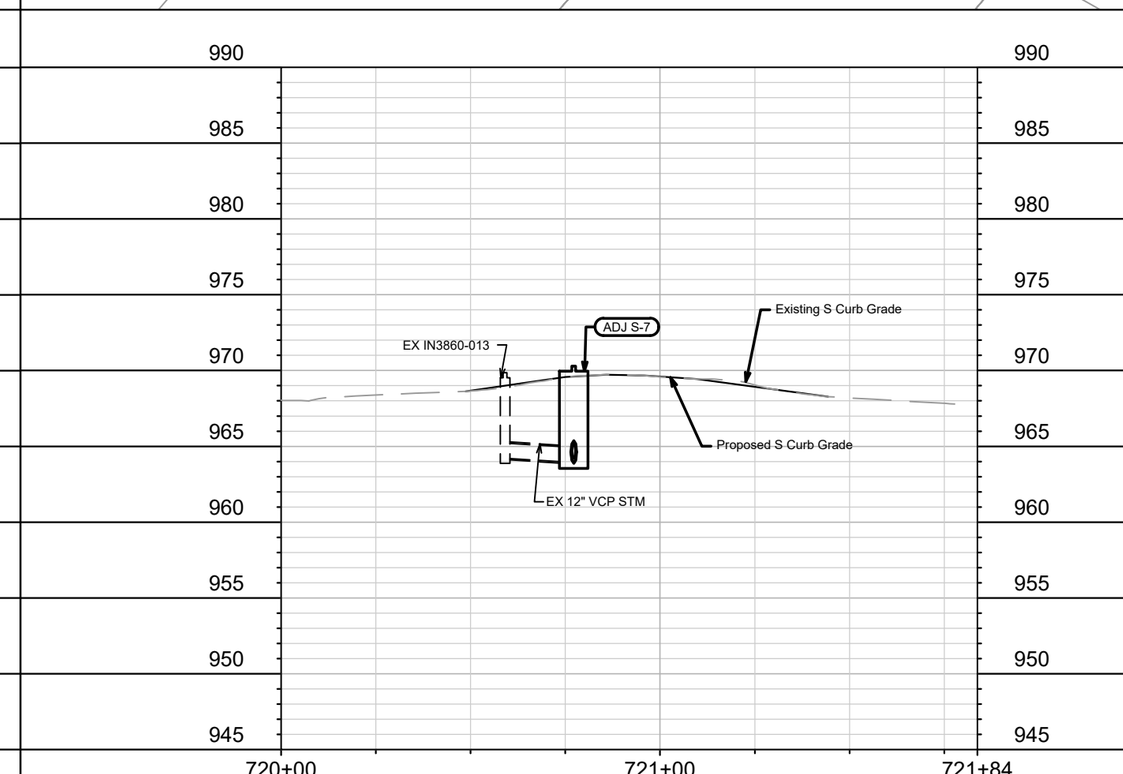
OD-2









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OD-3

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MADISON, WI

CONTRACT NO: 8800

ODANA RD - UTILITY PLAN & PROFILE

SAFE STREETS 2025

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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.

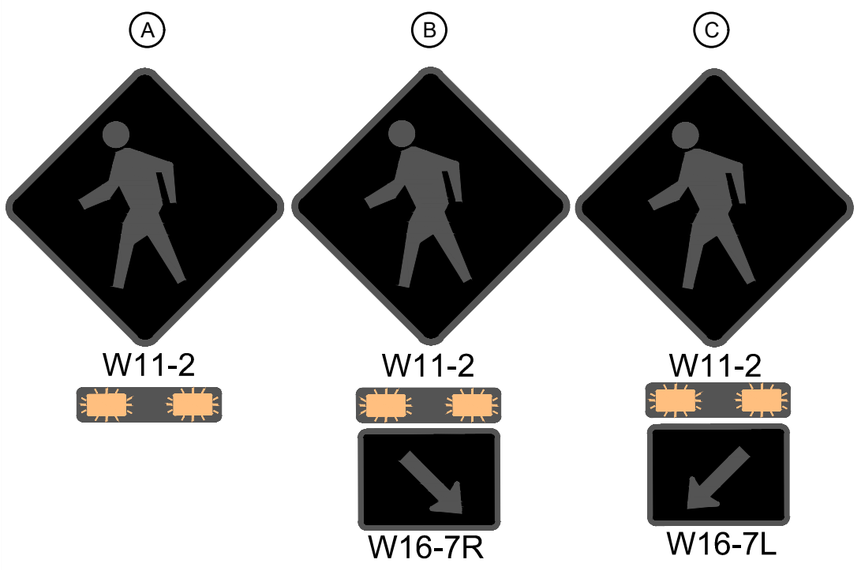
TS #2
1. INSTALL BID ITEM 90042 - SOLAR-POWERED RECTANGULAR RAPID FLASHING BEACON - POST MOUNTED SYSTEM.
2. INSTALL POLE 2' OFF EDGE OF PEDESTRIAN RAMP.

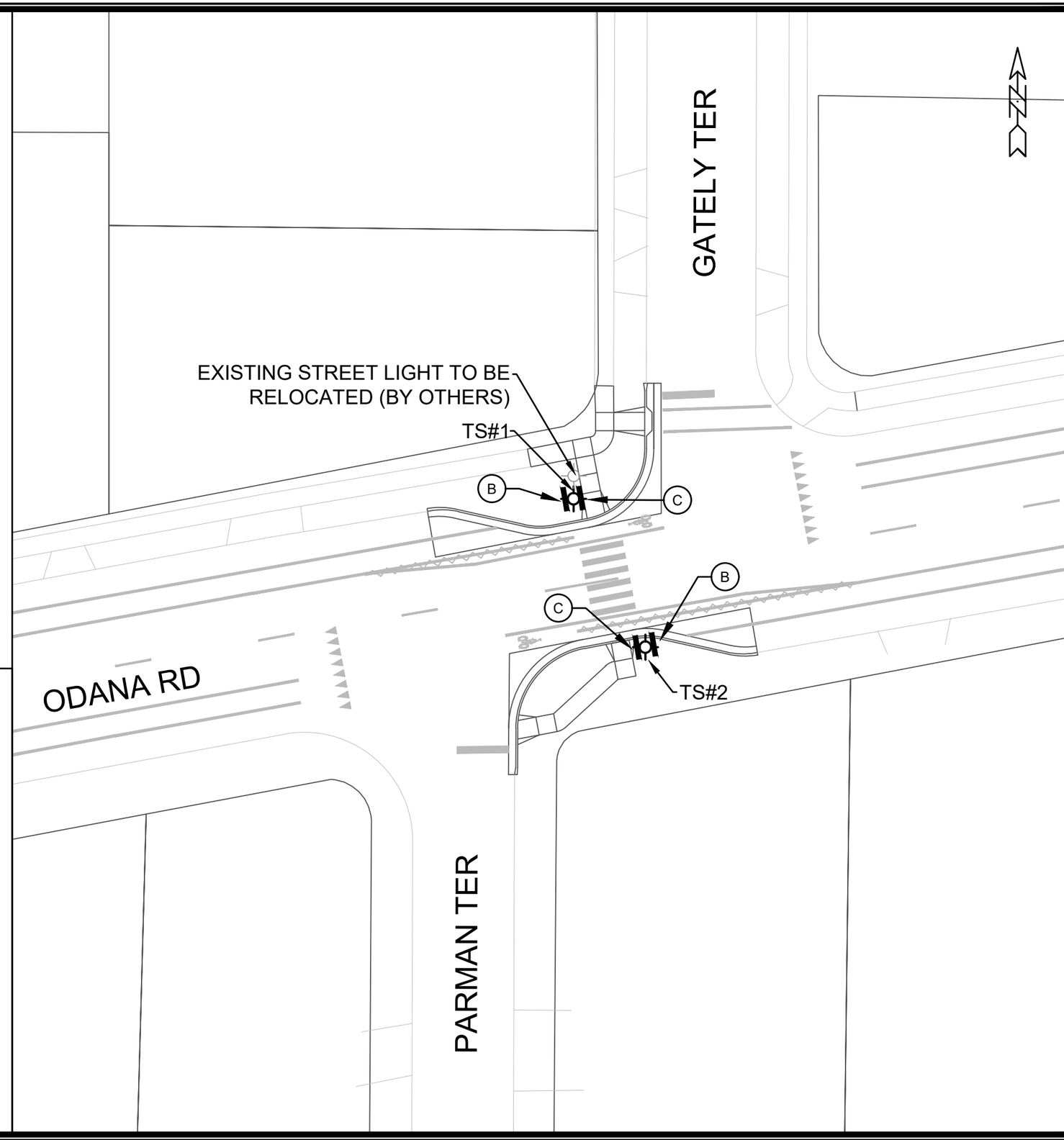
NOTES:
1. PAVEMENT MARKINGS BY OTHERS.
2. FLASH TIME TO BE SET AT 10 SECONDS.

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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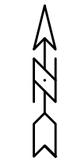
15200

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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MADISON, WI

CONTRACT NO: 8800

OD-6

RRFB - ODANA AND PARMAN - MISC. QUANTITIES

SAFE STREETS 2025

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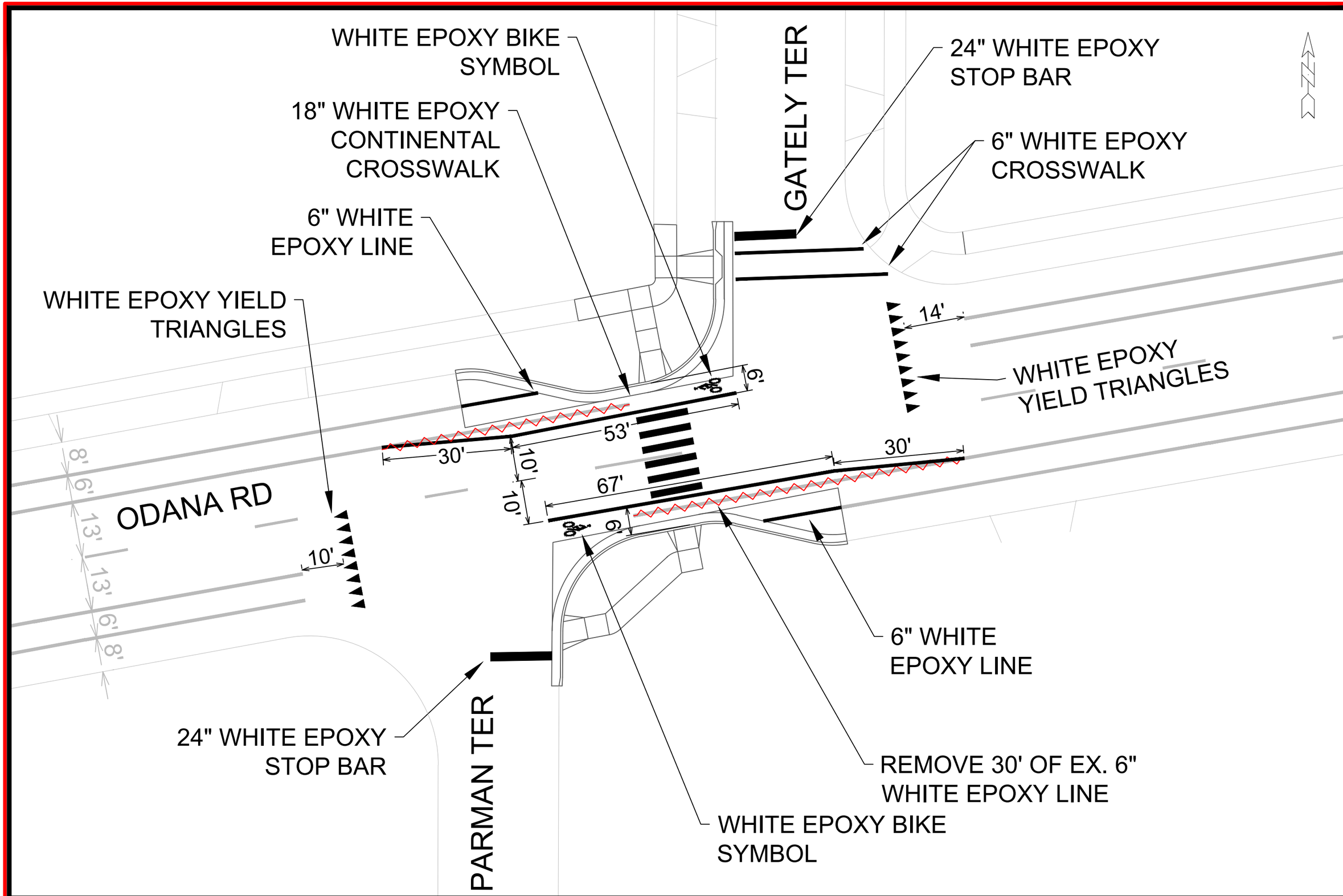
CITY OF MADISON WISCONSIN

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.

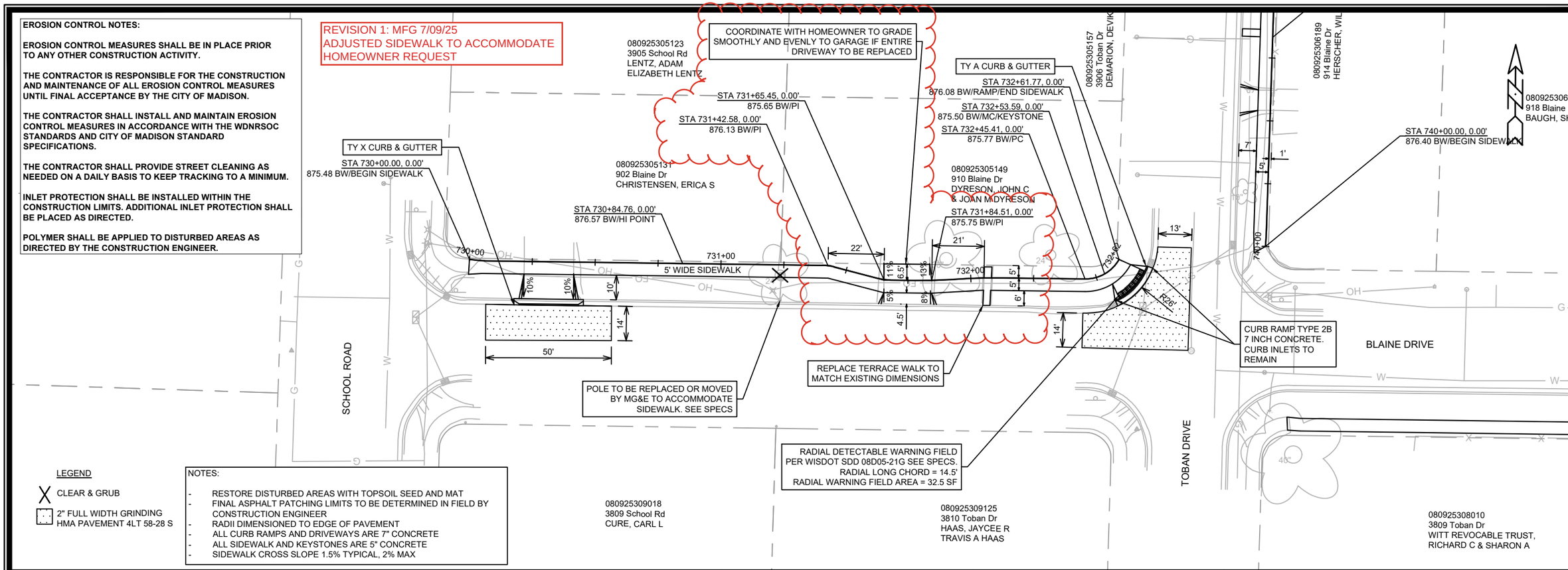
THE CONTRACTOR SHALL INSTALL AND MAINTAIN EROSION CONTROL MEASURES IN ACCORDANCE WITH THE WDNRSOC STANDARDS AND CITY OF MADISON STANDARD SPECIFICATIONS.

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.

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

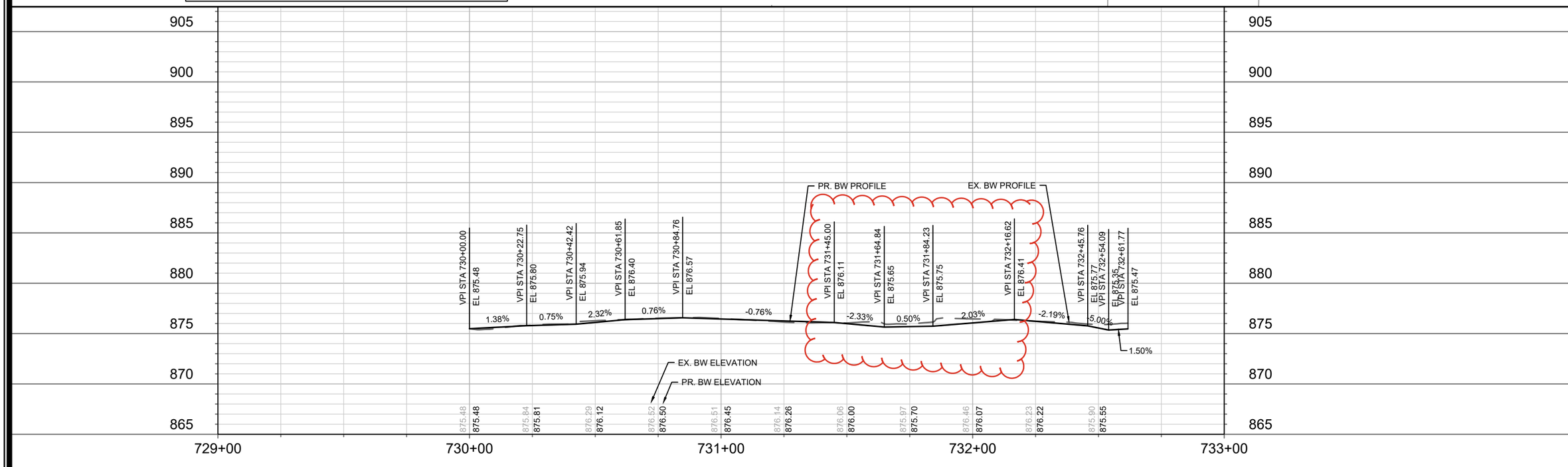


LEGEND

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

NOTES:

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



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15200

MADISON, WI

8800

CONTRACT NO:

BLAINE SIDEWALK PLAN & PROFILE

SAFE STREETS 2025

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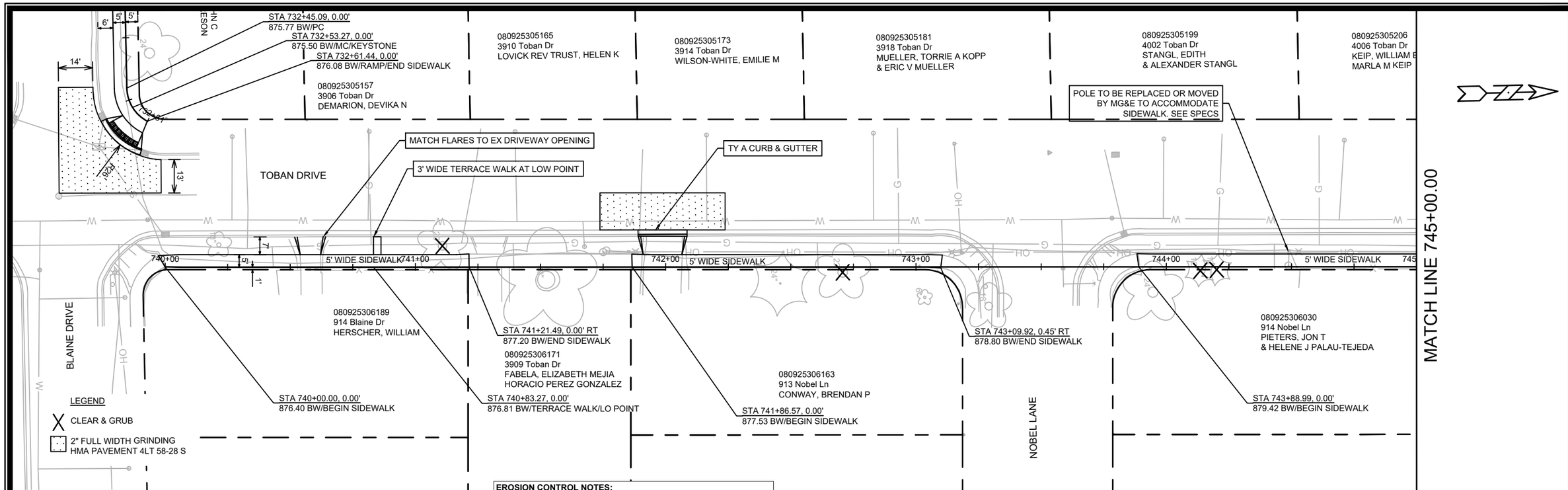
BT-1



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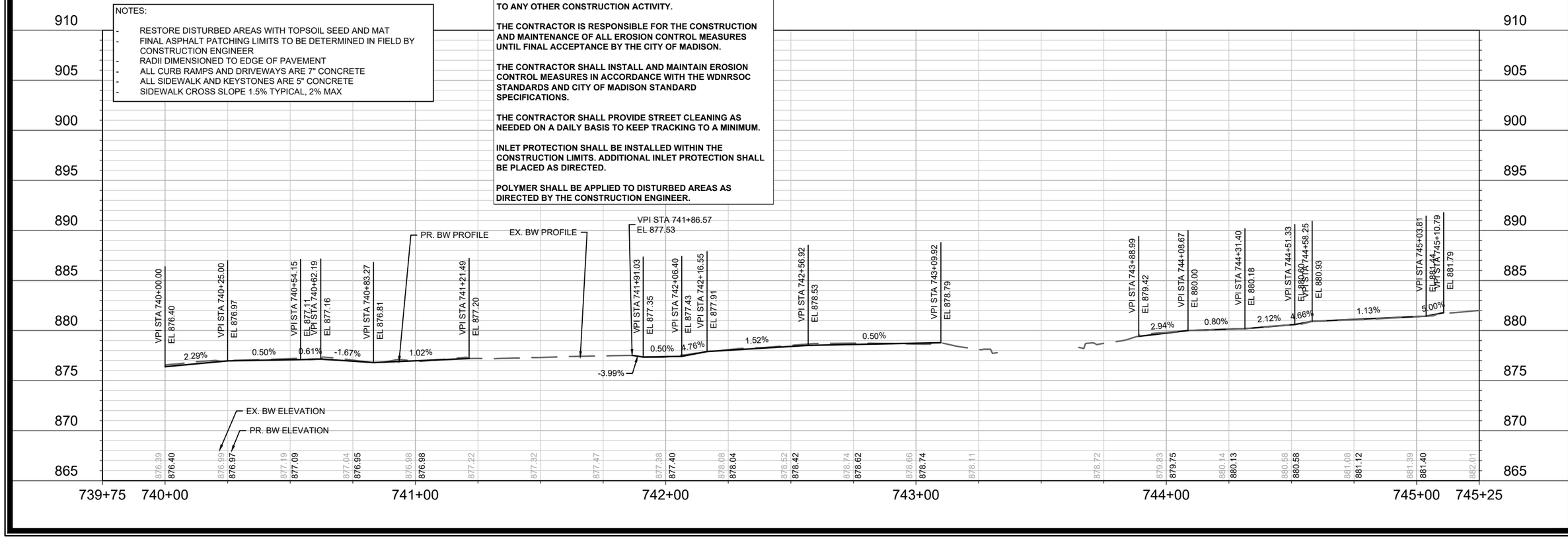

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15200 | BT-2

15200

MADISON, WI

8800

CONTRACT NO:

TOBAN SIDEWALK PLAN & PROFILE

SAFE STREETS 2025

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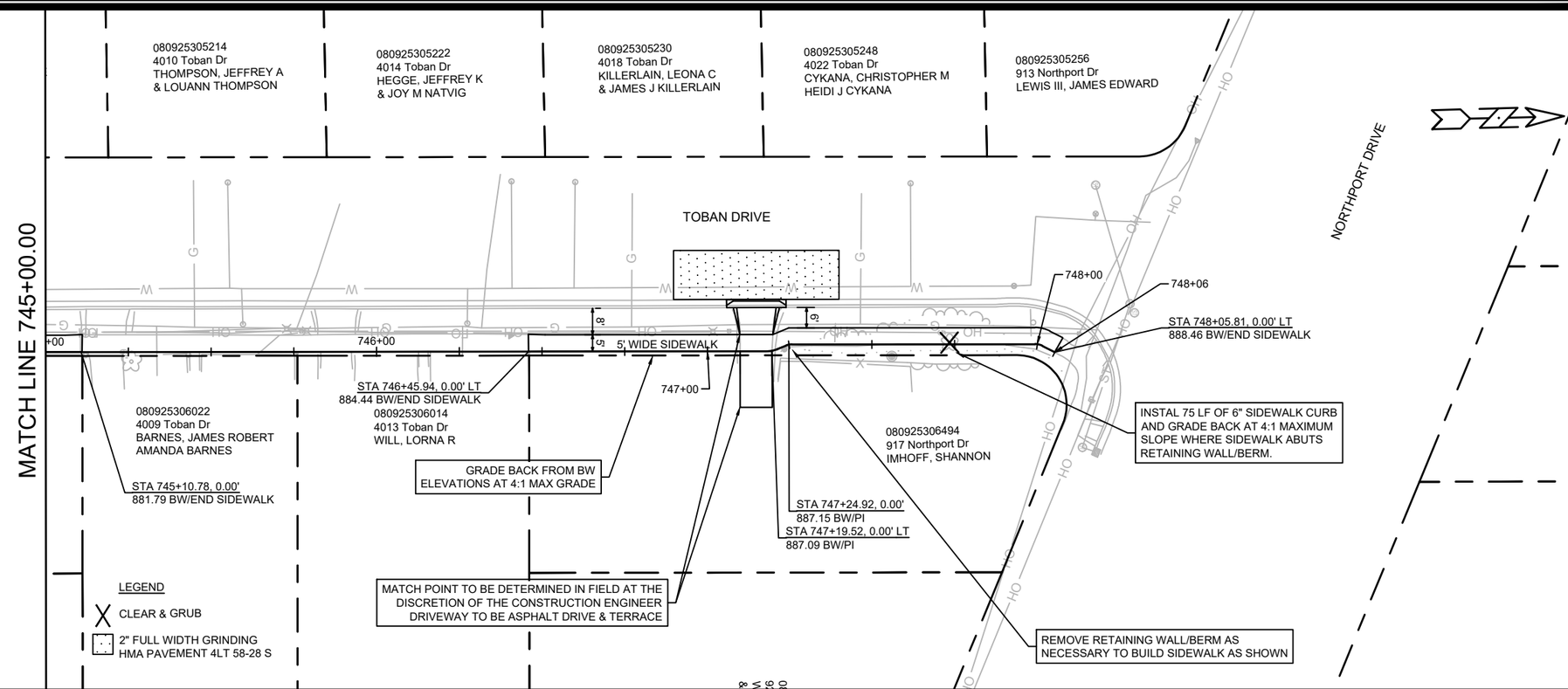
BT-2



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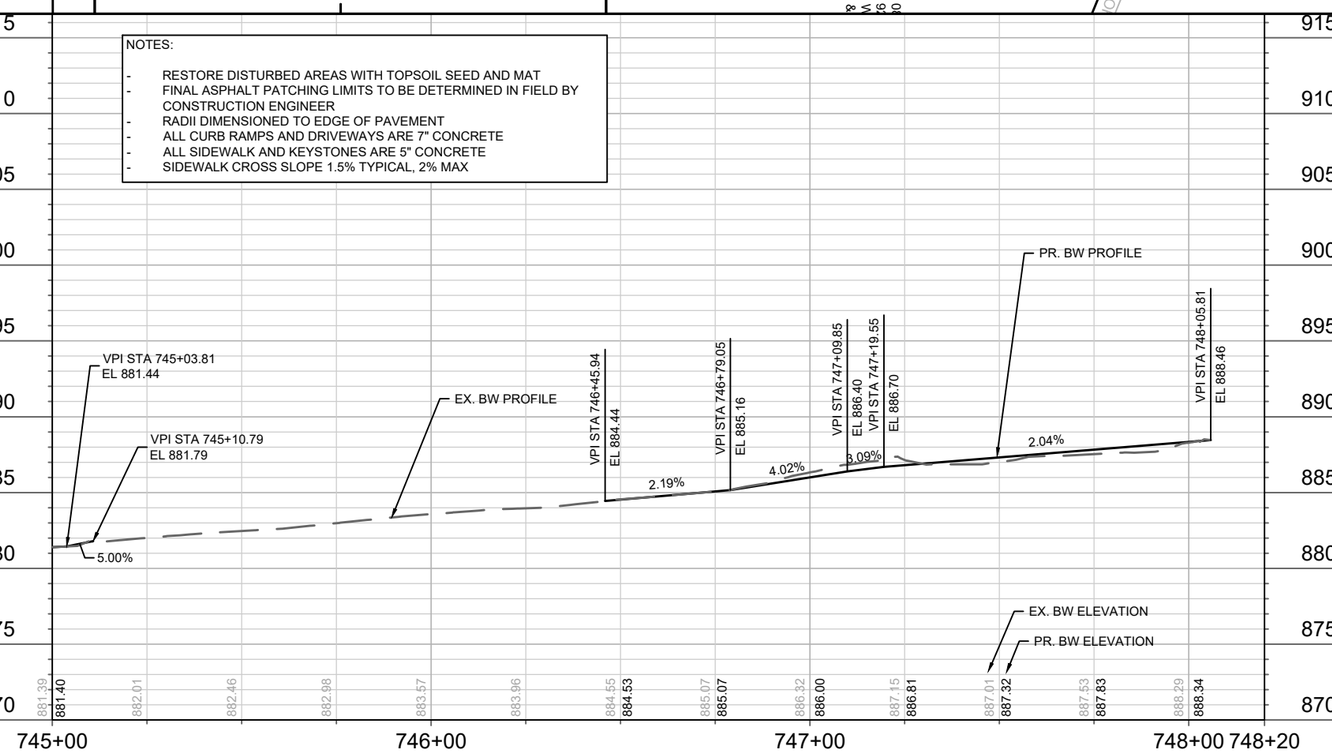

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15200 | BT-3

15200

MADISON, WI

CONTRACT NO: 8800

TOBAN SIDEWALK PLAN & PROFILE

SAFE STREETS 2025

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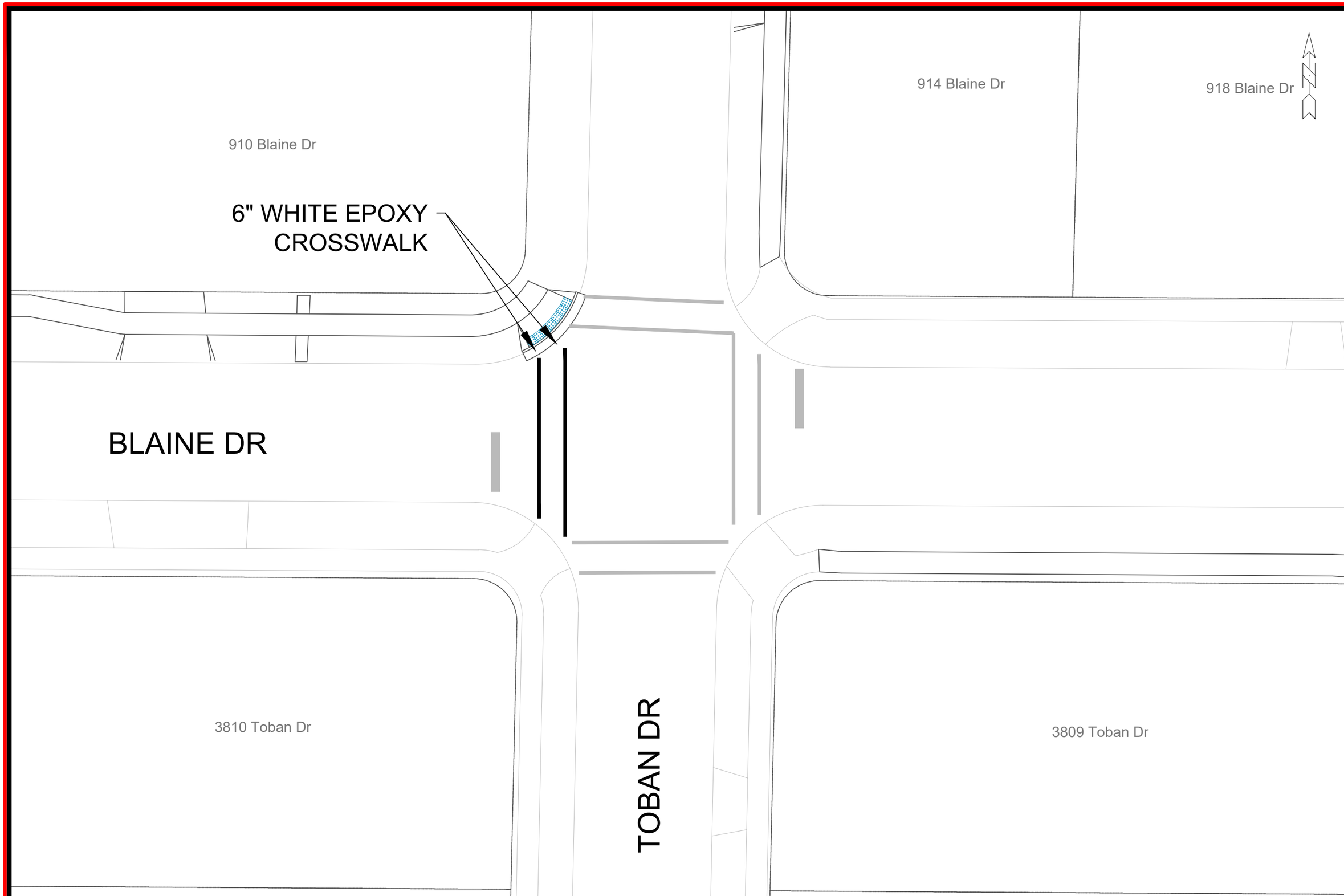

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15200

MADISON, WI

CONTRACT NO: 8800

PAVEMENT MARKING PLAN - BLAINE AND TOBAN

SAFE STREETS 2025

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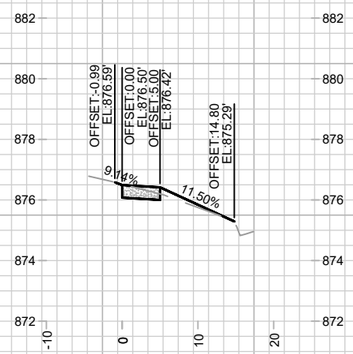
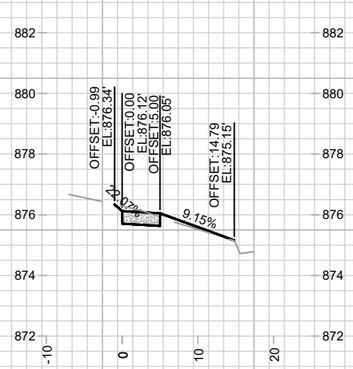
15200

BT-4



730+75.00



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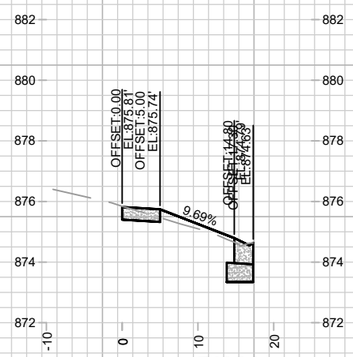
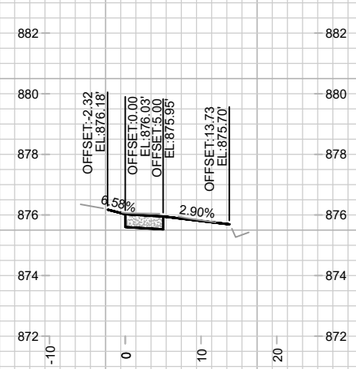
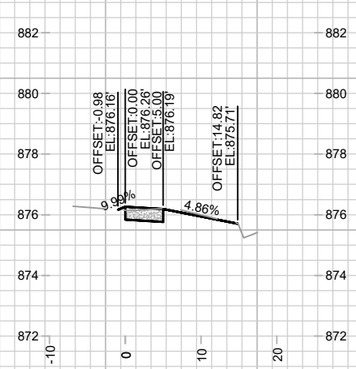


730+25.00 DWY



731+50.00



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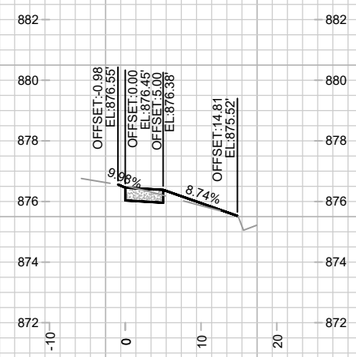

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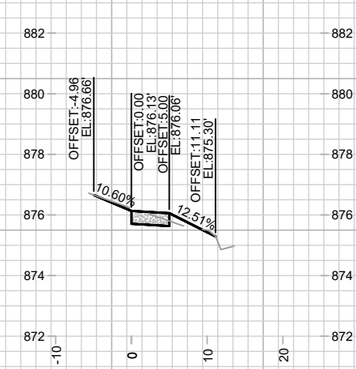
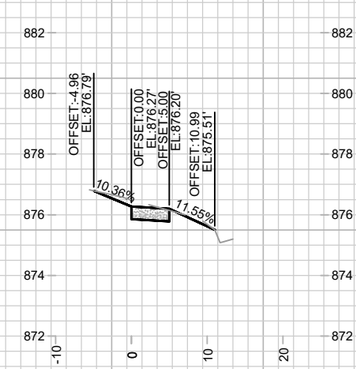


732+25.00



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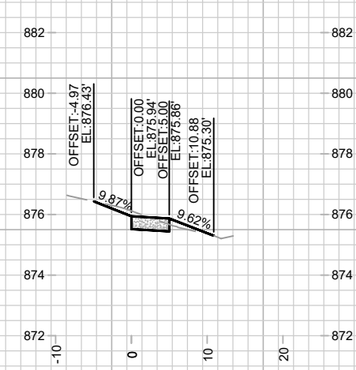

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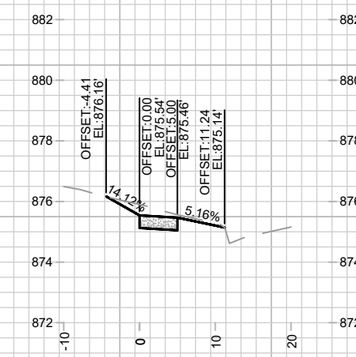

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15200 | BT-5

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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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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TOBAN STREET SIDEWALK CROSS SECTIONS

SAFE STREETS 2025

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MADISON, WI

CONTRACT NO: 8800

15200

BT-7

REVISION 2: MFG 7/30/25
ADDED EAST SIDE OF INTERSECTION

Asphalt Removal= 3.3'*(12+5.35)*.5+12*20'
= 268.63 SF

Concrete removal= 19.35'*2.5'
= 48.38 SF

CURB

COTTAGE GROVE ROAD

38.5'
RESTORE WITH TOPSOIL
SEED AND MAT
7" CONCRETE
2.5'
10'
1'
8'
R6.5'
33.5'
BP STA 900+00.00
TYPE 'A' CURB & GUTTER
900+00
901+00
902+00

MOUNTABLE MEDIAN
ISLAND NOSE PER SDD 3.13

STA 901+60.99, 24.00' LT
880.89 EP/PC/MATCH

STA 901+54.47, 17.52' LT
880.92 EP/MC/MATCH

20'
7" CONCRETE
RESTORE WITH TOPSOIL
SEED AND MAT
1'
10'
2.5'
R6.5'

STA 901+80.98, 23.93' LT
880.55 EP/BEGIN CURB/MATCH

TYPE 'A' CURB & GUTTER

STA 902+00.89, 10.93' LT
880.88 EP/END CURB/MATCH

40'

STA 901+60.98, 11.00' LT
880.99 EP/PT/HI POINT/MATCH

STA 901+77.68, 11.00' LT
880.77 EP/LO POINT/MATCH

SAWCUT AT PROPOSED EDGE OF PAVEMENT AND USE ASPHALT MATERIAL
FOR CURB FRONT FILL AS NECESSARY TO INSTALL MEDIAN NOSE

ACEWOOD BOULEVARD

LEGEND

SAWCUT ASPHALT PAVEMENT

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

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

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MADISON, WI

CONTRACT NO: 8800

COTTAGE GROVE ACEWOOD PLAN

SAFE STREETS 2025

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15200

CG-1

REVISION 2: 7/30/25
UPDATED GEOMETRY

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

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

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

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

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

REMOVE EXTS8 BASE, POLE, AND SIGNALS.

REMOVE EXTS4 BASE, POLE, AND SIGNALS.

REMOVE EXTS6 BASE, POLE, AND SIGNALS.

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

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

REMOVE TROMBONE ARM AND TRAFFIC SIGNAL HEAD.

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

COTTAGE GROVE ROAD

ACEWOOD BLVD.

900+00 901+00 902+00

EXTS3 EXTS2 EXTS1 EXTS8 EXTS5 EXTS6 EXTS7 EXTC1 EXHH1 EXHH3 EXHH4 EXHH7 EXHH8 EXHH10 EXHH11 EXHH14 SL7232 SL7233 SL7230 HH15 TS10 TS11 TSp

15-FT ARM 22-FT ARM

L19 L20 L21 L22 L23 L24

MARK	REVISION	DATE	BY
#1	EAST MEDIAN UPDATE	7/10/25	JLS

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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15200 MADISON, WI

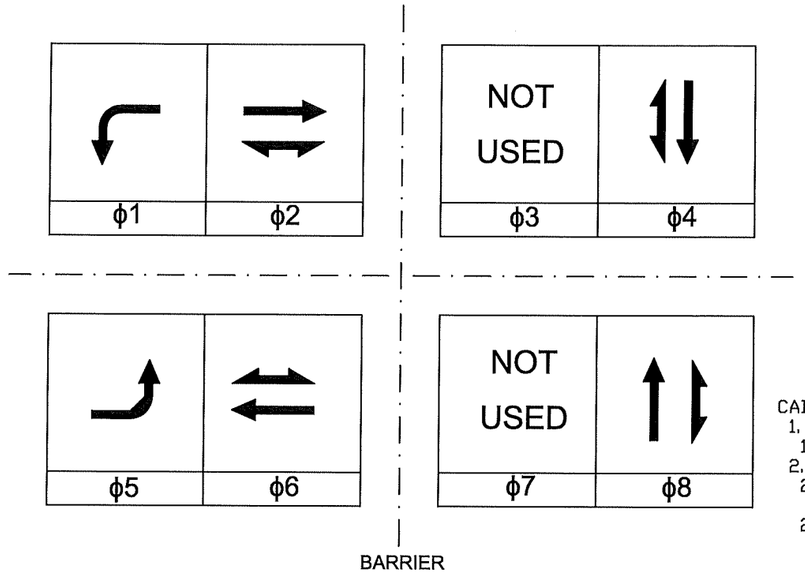
CONTRACT NO: 8800

15200

CG-2

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

O.L. ASSIGNMENTS



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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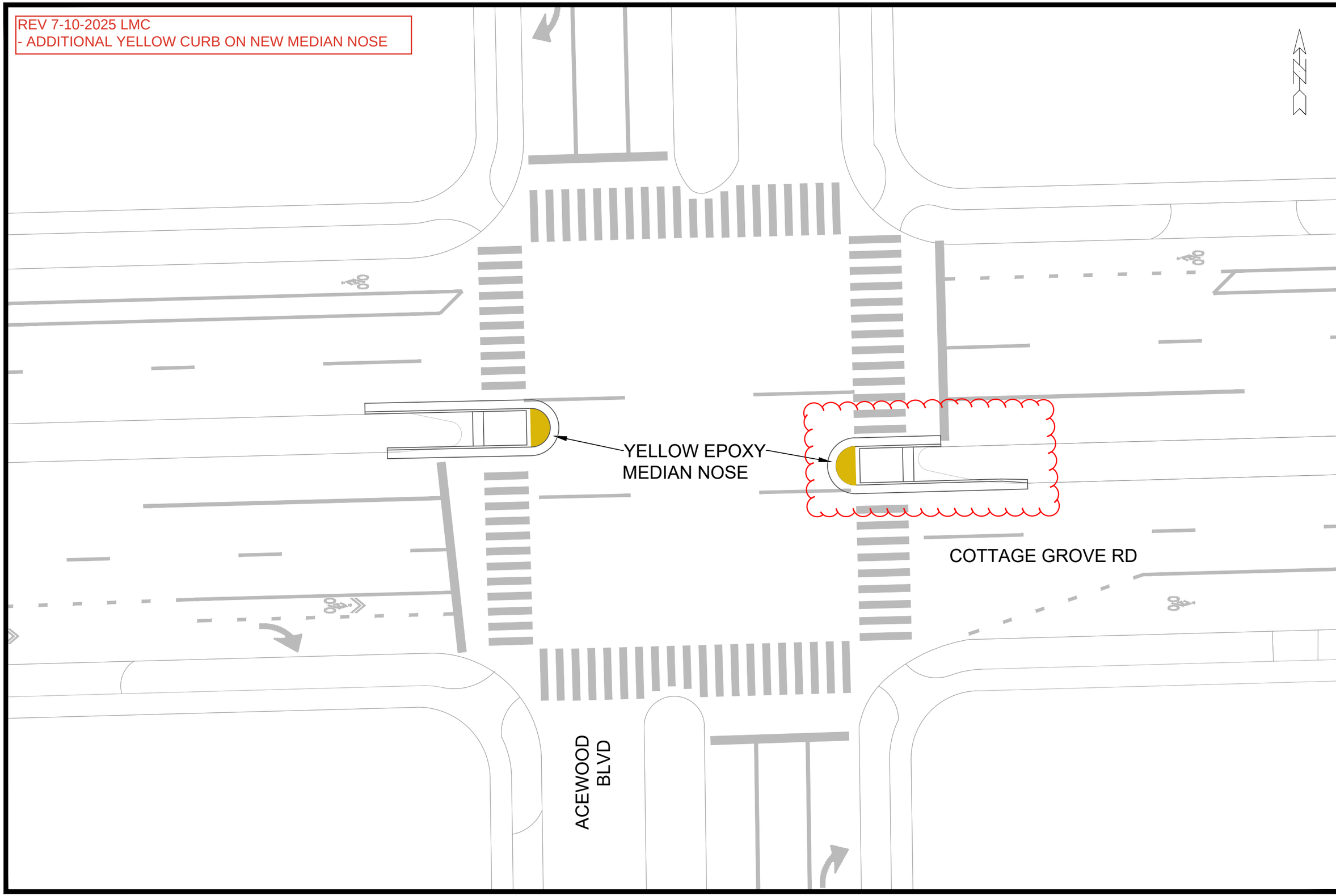
15200

CG -3

REV 7-10-2025 LMC
- ADDITIONAL YELLOW CURB ON NEW MEDIAN NOSE



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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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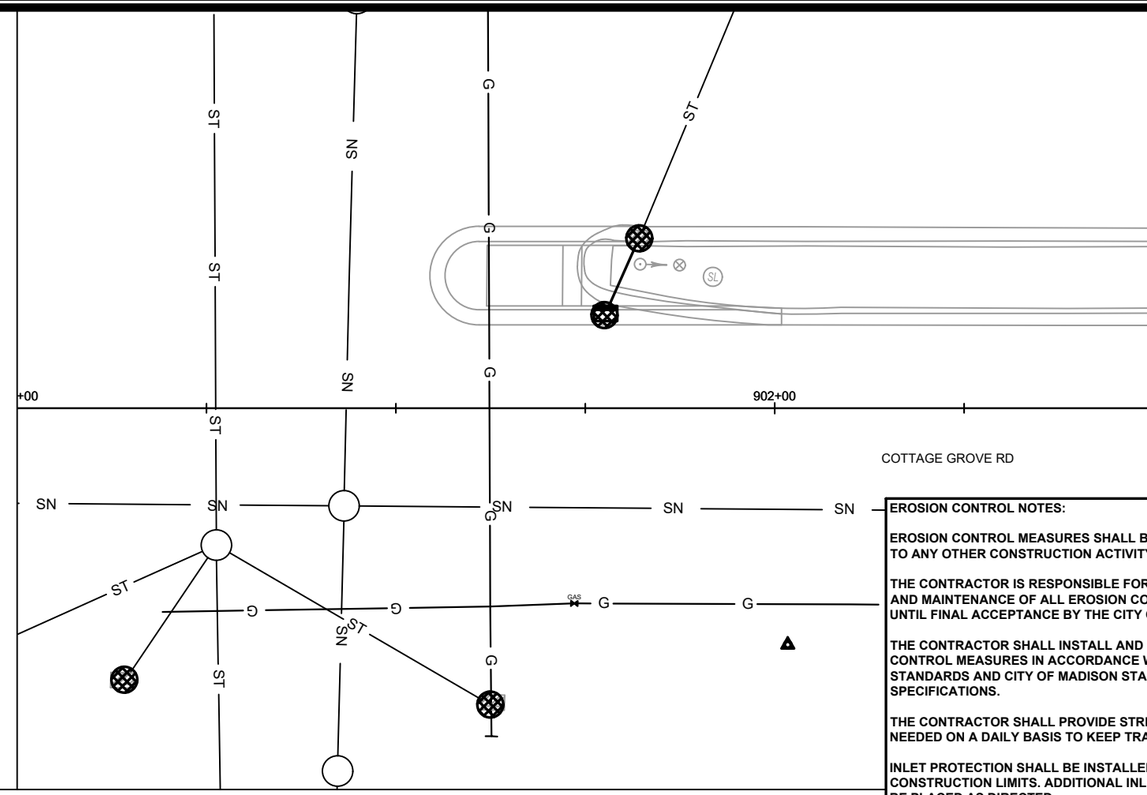
15200

CG-4

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



EROSION CONTROL NOTES:

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

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

THE CONTRACTOR SHALL INSTALL AND MAINTAIN EROSION CONTROL MEASURES IN ACCORDANCE WITH THE 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.

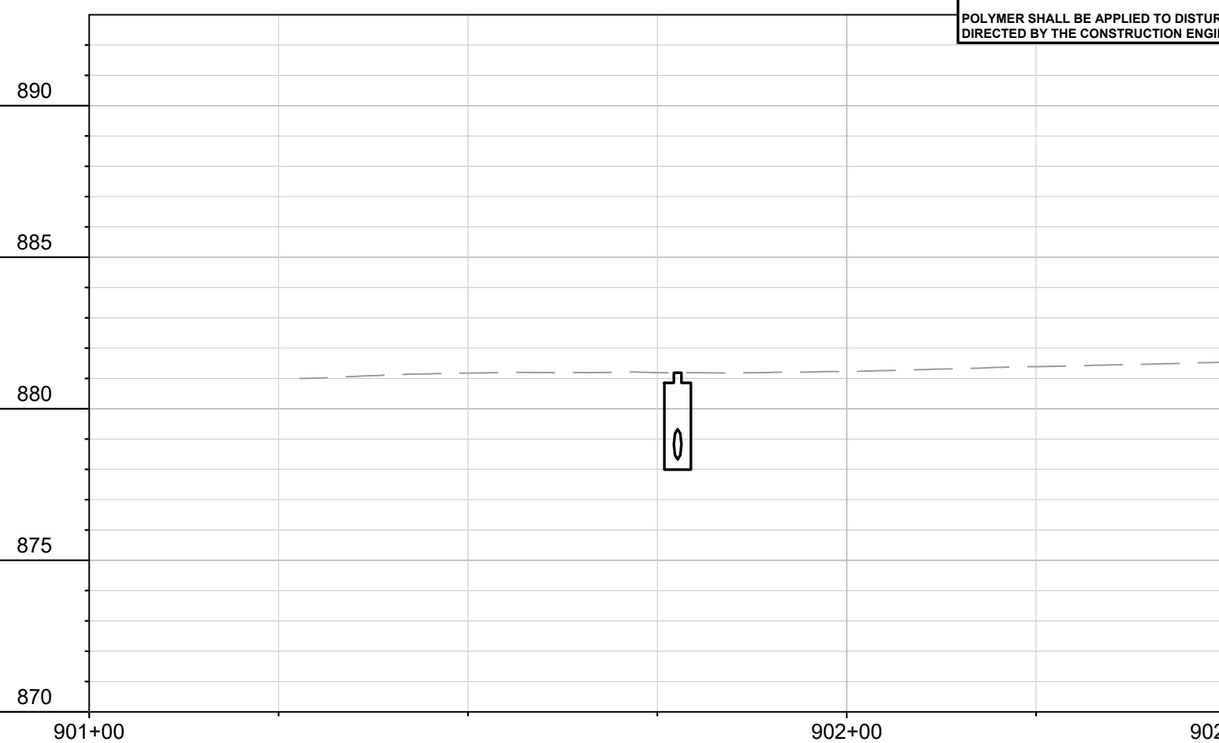
CONSTRUCTION ENTRANCE - INSTALL TYPE HR FABRIC, 3" CLEAR STONE, MIN 1' DEPTH X 50' LONG X ROAD WIDTH

RIGID FRAME INLET PROTECTION

TYPE C INLET PROTECTION

TYPE "A" INLET PROTECTION

SILT SOCK (PLACE AS NEEDED & AROUND STOCKPILES)



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15200

CG-5

EROSION CONTROL PLAN - COTTAGE GROVE RD AND ACEWOOD BLVD

SAFE STREETS 2025

15200

MADISON, WI

CONTRACT NO: 8800

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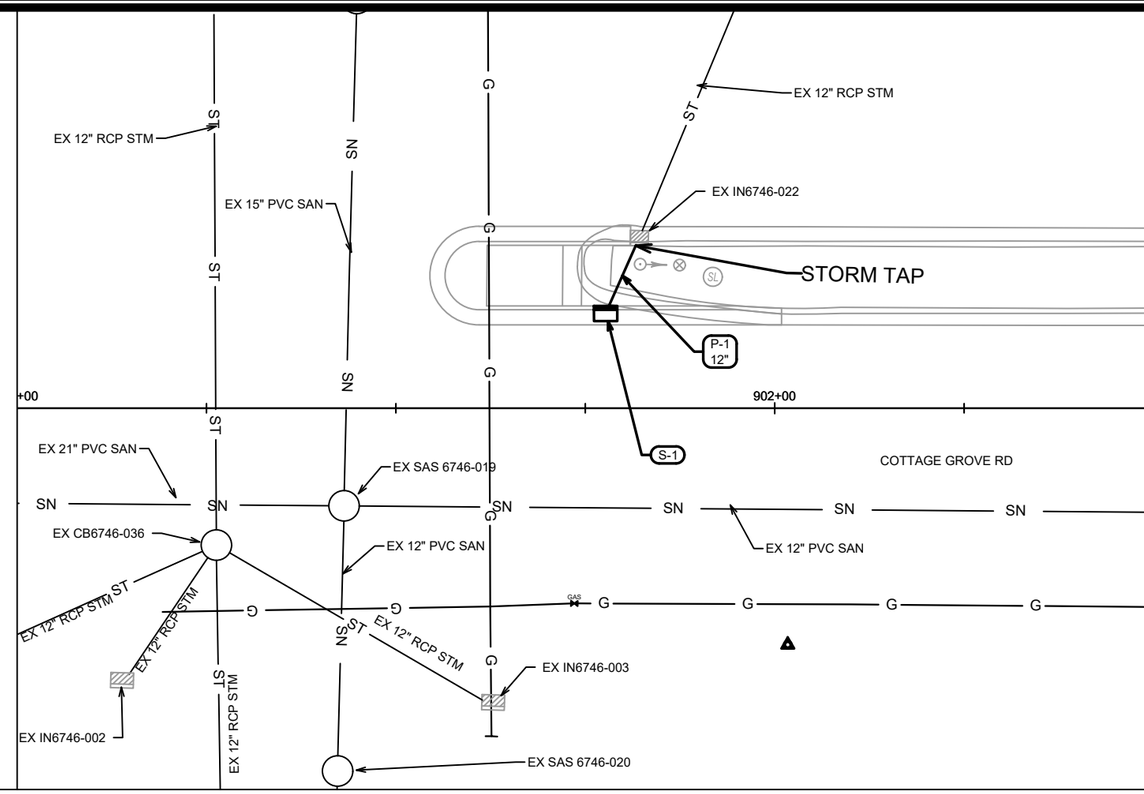
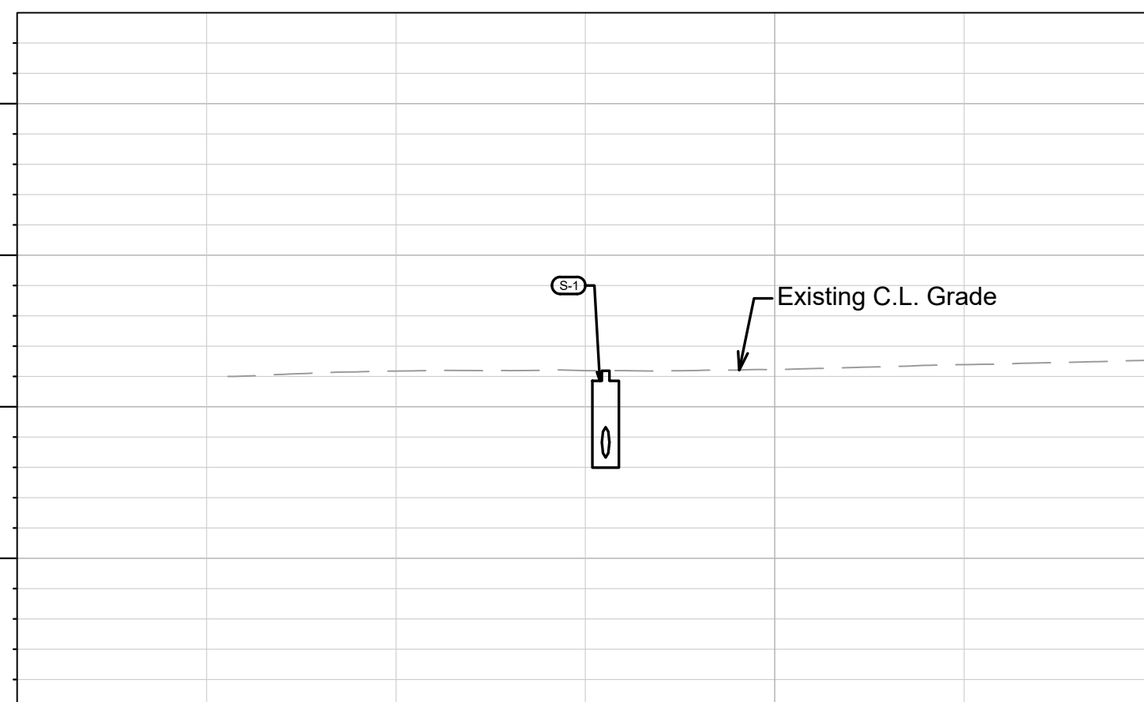
15200

CG-5

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





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15200

MADISON, WI

CONTRACT NO: 8800

COTTAGE GROVE RD - UTILITY PLAN & PROFILE

SAFE STREETS 2025

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15200

CG-6

STORM SEWER SCHEDULE

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

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

PROPOSED STORM STRUCTURES

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

PROPOSED STORM PIPES

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

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

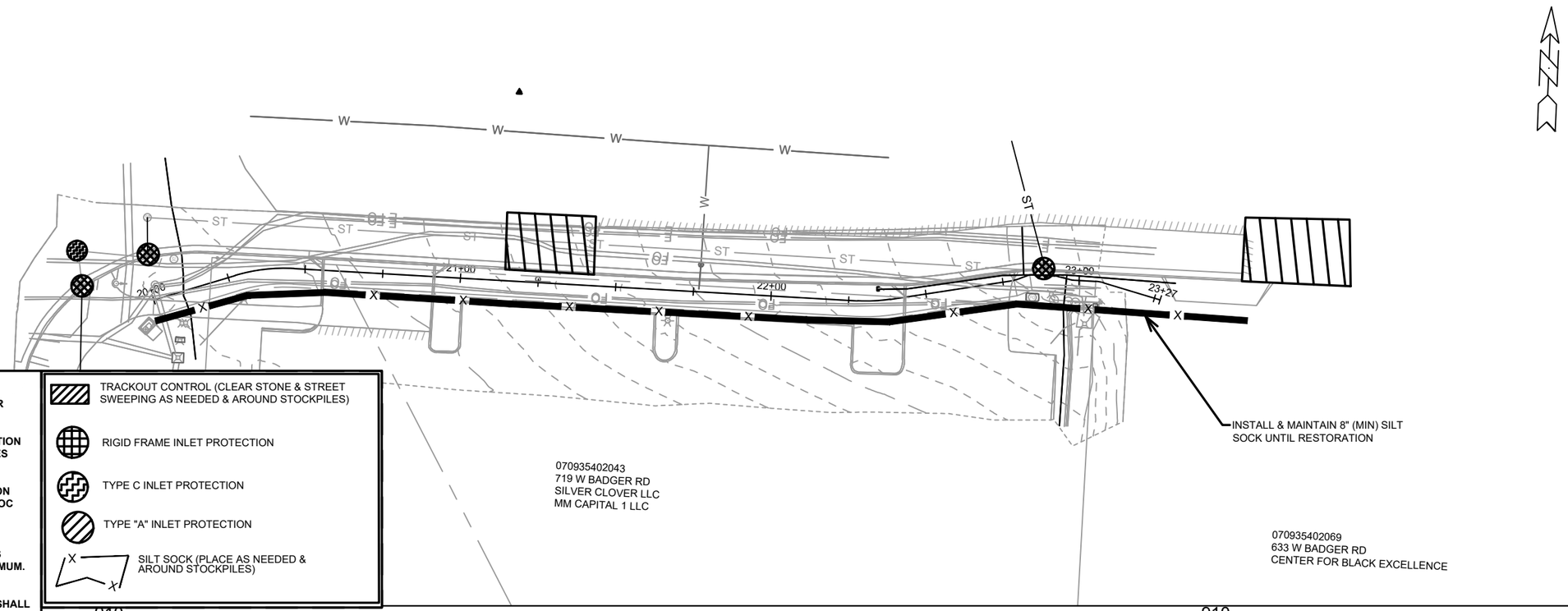
SPECIFIC NOTES

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

STANDARD NOTES:

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

- TOP OF CASTING GRADE GIVEN IS THE TOP OF CURB FOR INLET STRUCTURES AND THE FLOWLINE OF THE CLOSED CASTING FOR SASs.
- TOP OF CONCRETE ROOF (TR) IS 1.25 BELOW TOP OF CASTING UNLESS OTHERWISE NOTED.
- ALL REINFORCED CONCRETE PIPES TO BE CLASS III UNLESS OTHERWISE NOTED.
- SURVEYOR TO CONFIRM THAT ALL INLET STATION / OFFSETS LINE UP WITH PROPOSED CURB AND GUTTER.
-ALL REBAR FOR FIELD POUR STRUCTURES SHALL BE EPOXY COATED. ANY EXPOSED STEEL SHALL BE TOUCHED UP OR RECOATED PRIOR TO USE.
-ALL FIELD POURED SAS STORM STRUCTURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD DETAIL DRAWING 5.7.3.
-ALL PRECAST SAS STORM STRUCTURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD DETAIL DRAWING 5.7.5.
- ALL STRUCTURES CALLED OUT AS FIELD POURED SHALL BE FIELD POURED. ALL OTHER STRUCTURES (NOT INDICATED AS FIELD POURED) SHALL BE SUBMITTED TO CITY ENGINEERING FOR APPROVAL IF PRECAST STRUCTURES ARE PREFERRED. CONTACT ERIN GETER OF CITY ENGINEERING AT (608) 266-4058 FOR PRECAST APPROVALS, FAX SHOP DRAWINGS TO (608)264-9275, OR EMAIL SHOP DRAWINGS TO EGETER@CITYOFMADISON.COM.



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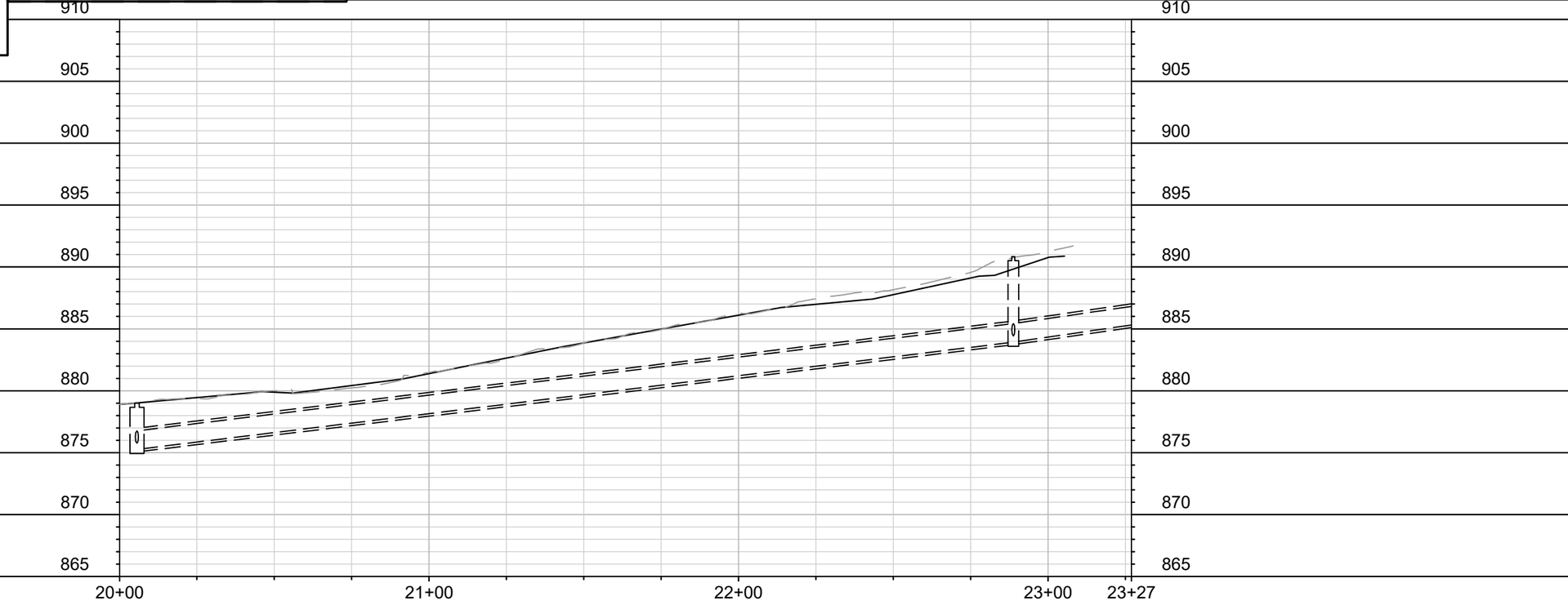
POLYMER SHALL BE APPLIED TO DISTURBED AREAS AS DIRECTED BY THE CONSTRUCTION ENGINEER.

- 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