

Madison, Wisconsin

INDEX OF SHEETS

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CITY OF MADISON

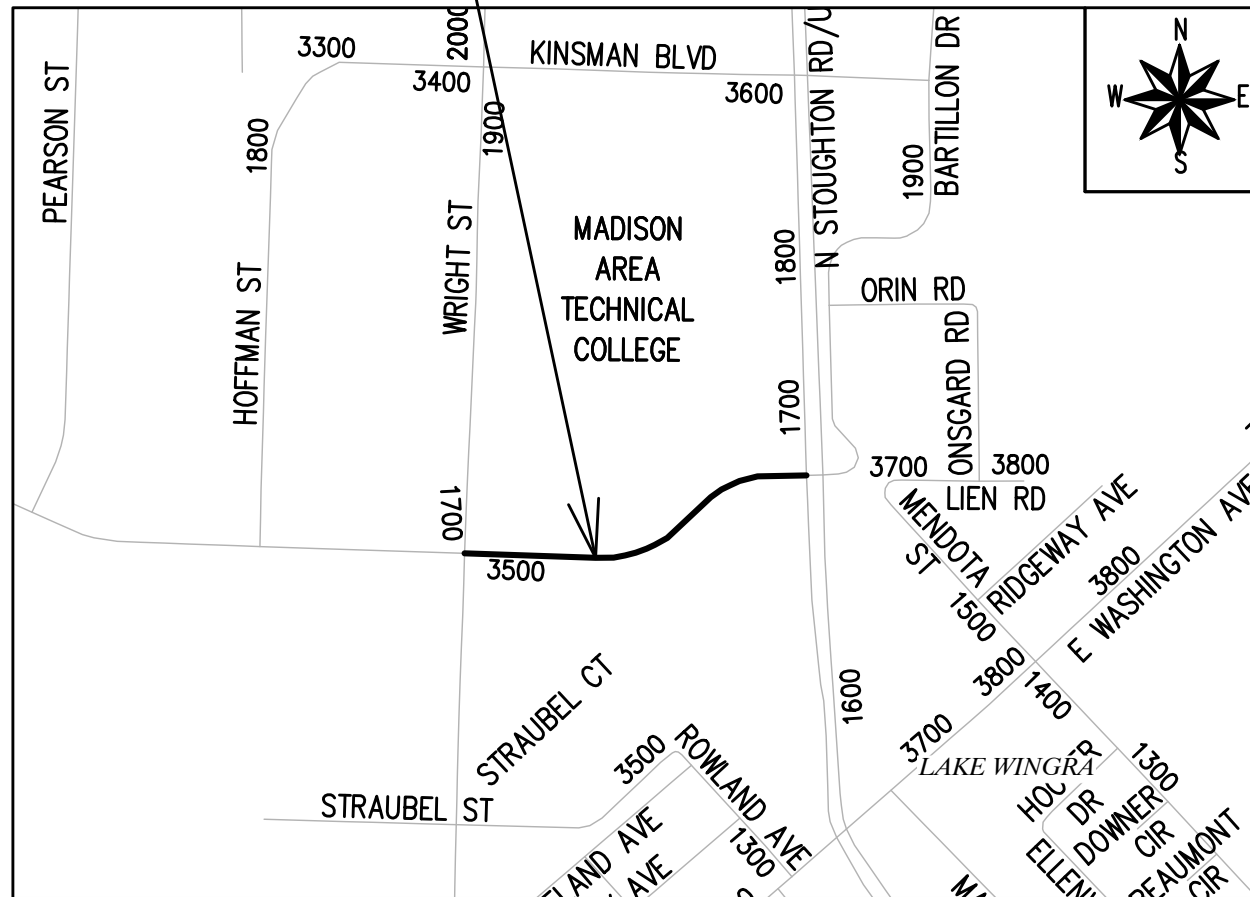
CITY ENGINEERING DIVISION

DEPARTMENT OF PUBLIC WORKS

PLAN OF PROPOSED IMPROVEMENT

ANDERSON STREET RESURFACING ASSESSMENT DISTRICT - 2020

PROJECT LOCATION CITY PROJECT NO. 10225
CONTRACT NO. 8506



EARTH WORK SUMMARY:
EXCAVATION CUT(MEASURED PLAN QUANTITY) = 3,669 C.Y.
ESTIMATED UNDISTRIBUTED UNDERCUT= 366 C.Y.
TOTAL UNCLASSIFIED EXCAVATION CUT = 4,035 C.Y.

CONVENTIONAL SIGNS	
FIELD VERIFY ALL UTILITY LOCATIONS	
GAS	— G —
STORM SEWER	— ST —
SANITARY SEWER	— SAN —
WATER	— W —
BURIED ELECTRIC	— E —
OVERHEAD ELECTRIC	— OH —
POWER POLE	□
ADA COMPLIANT RAMP W/ DETECTABLE WARNING FIELD	▒
COMBUSTIBLE FLUIDS	☀

NOTES:
ALL GUTTERS SHALL DRAIN WITH A MINIMUM GRADE OF 0.50% TOWARD STORM SEWER INLETS.

SIDEWALK RAMPS AND CURB THRU SIDEWALK RAPMS SHALL HAVE A MAXIMUM SLOPE OF 1" PER 12", SIDEWALK AND CURB RAMPS SHALL BE CONSTRUCTED WITH A SIDE SLOPE OF 1.50%. 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%.

PUBLIC IMPROVEMENT PROJECT APPROVED

APPROVED DATE: MARCH 17, 2020

BY THE COMMON COUNCIL OF MADISON, WISCONSIN

PUBLIC IMPROVEMENT DESIGN APPROVED BY:

[Signature] Apr 17, 2020

City Engineer Date

STREET DESIGNED BY:



Apr 17, 2020

STORM SEWER DESIGNED BY:



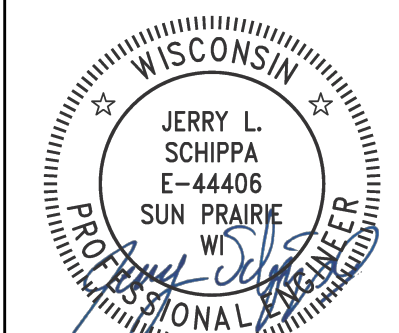
Apr 17, 2020

GEOMETRICS & PAVEMENT MARKINGS DESIGNED BY:



Apr 17, 2020

ELECTRICAL DESIGNED BY:



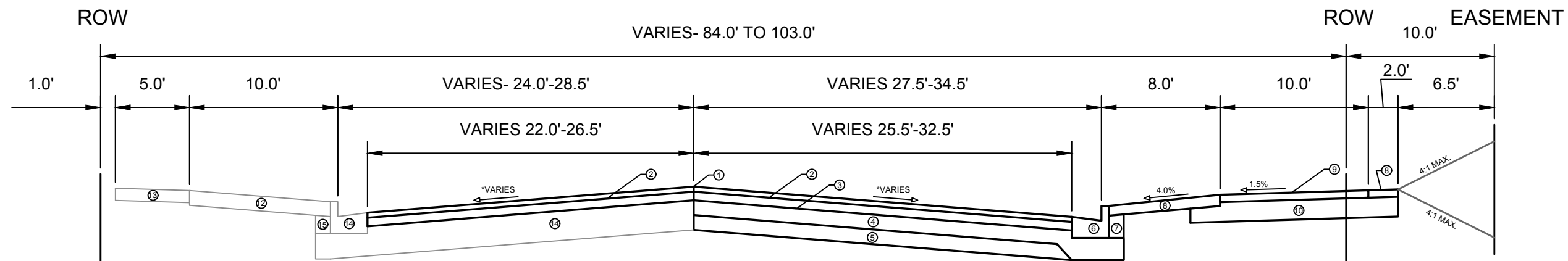
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PLOT SCALE: 1 IN:1 FT_XREF

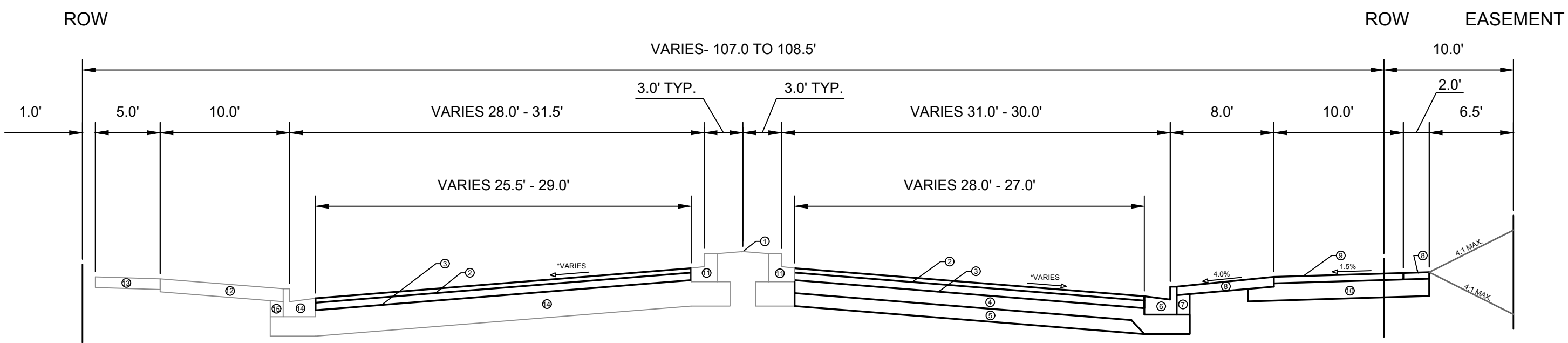
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REV. DATE: 4/14/2020 8:12 PM

ORIGINATOR: CITY_OF_MADISON



TYPICAL SECTION
ANDERSON STREET
STA 100+25 TO STA 107+65

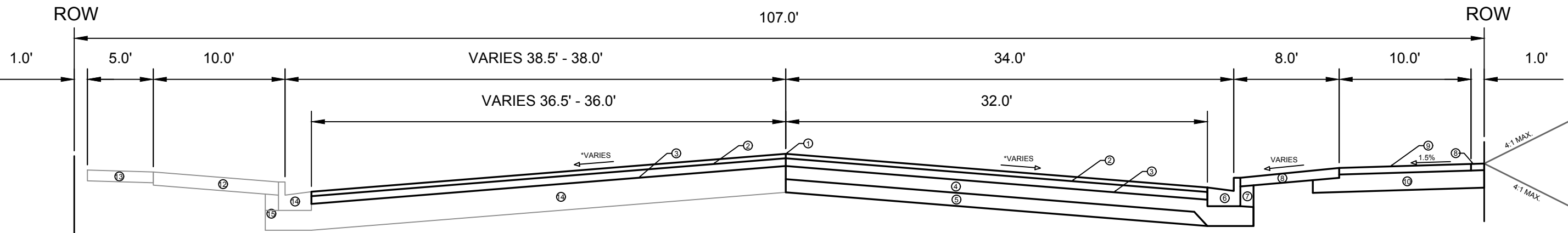


TYPICAL SECTION
ANDERSON STREET
STA 107+66 TO STA 109+81

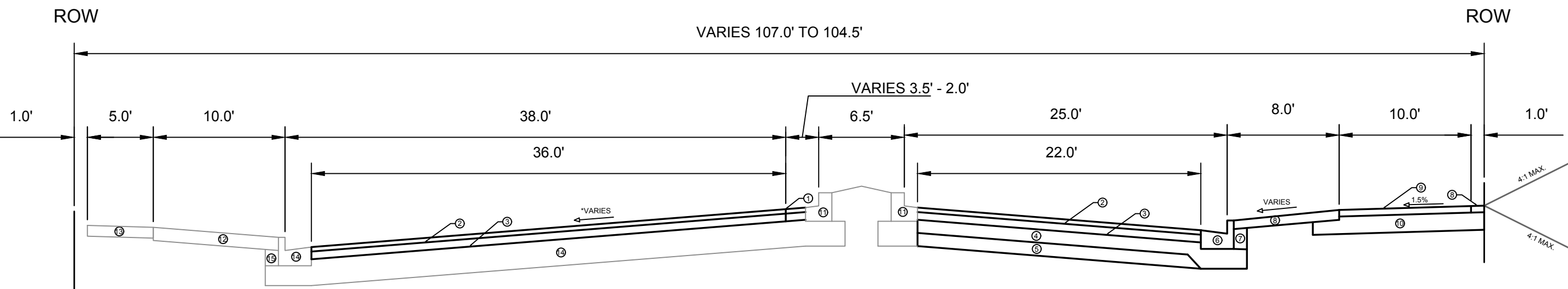
SPECIAL NOTES:
* SEE X-SHEETS FOR CROSS SLOPES

- ① POINT REFERRED TO ON PROFILE
- ② 2.0" HMA PAVEMENT- TYPE 4 MT 58-28 S
- ③ 3.5" HMA PAVEMENT- TYPE 3 MT 58-28 S
- ④ 6" GRADATION 2 CRUSHED AGGREGATE BASE COURSE
- ⑤ 6" GRADATION 1 CRUSHED AGGREGATE BASE COURSE
- ⑥ CONCRETE CURB AND GUTTER TYPE 'A'
- ⑦ FILL INCIDENTAL TO CURB AND GUTTER INSTALLATION
- ⑧ 6" TOPSOIL, SEED, & MAT
- ⑨ 3" BITUMINOUS BIKE PATH, 4 LT 58-28 S
- ⑩ 8" GRADATION 2 CRUSHED STONE
- ⑪ EXISTING CONCRETE CURB AND GUTTER TYPE 'E'. REMOVE & REPLACE AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER
- ⑫ RESTORE DISTURBED AREAS WITH 6" TOPSOIL, SEED AND MATTING
- ⑬ EXISTING 5" CONCRETE SIDEWALK, REMOVE AND REPLACE AS SHOWN ON THE PLAN OR AS DIRECTED BY THE ENGINEER
- ⑭ EXISTING CONCRETE CURB AND GUTTER TYPE 'A'. REMOVE & REPLACE AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER
- ⑮ FILL INCIDENTAL TO CURB AND GUTTER REPLACEMENT

10225	MADISON, WI	8506	10225	D-1
ANDERSON STREET RESURFACING ASSESSMENT DISTRICT-2020				
CONTRACT NO:				
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10225				
D-1				



TYPICAL SECTION
ANDERSON STREET
STA 109+82 TO STA 110+42



TYPICAL SECTION
ANDERSON STREET
STA 110+43 TO STA 110+68

SPECIAL NOTES:

* SEE X-SHEETS FOR CROSS SLOPES

- ① POINT REFERRED TO ON PROFILE
- ② 2.0" HMA PAVEMENT- TYPE 4 MT 58-28 S
- ③ 3.5" HMA PAVEMENT- TYPE 3 MT 58-28 S
- ④ 6" GRADATION 2 CRUSHED AGGREGATE BASE COURSE
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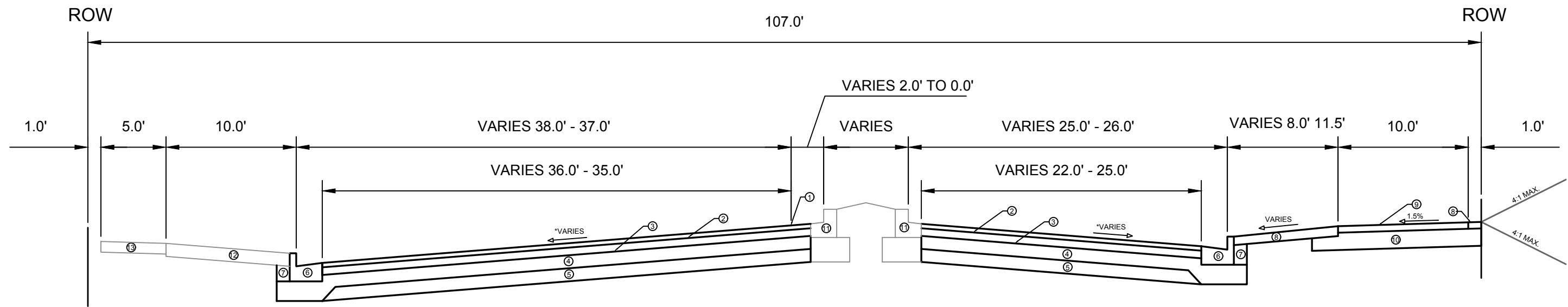
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MADISON, WI
CONTRACT NO: 8506

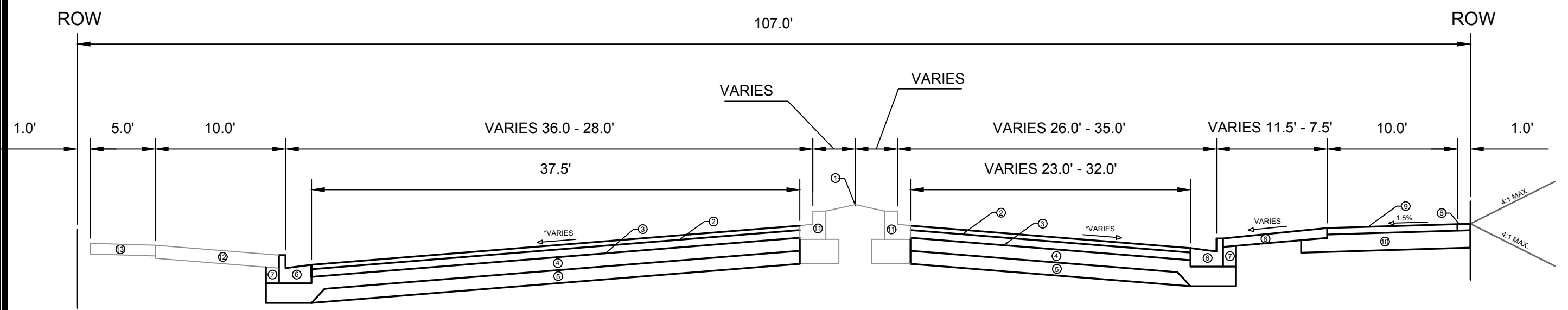
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10225
D-2



TYPICAL SECTION
ANDERSON STREET
STA 110+68 TO STA 111+84



TYPICAL SECTION
ANDERSON STREET
STA 111+84 TO STA 114+07

SPECIAL NOTES:
* SEE X-SHEETS FOR CROSS SLOPES

- ① POINT REFERRED TO ON PROFILE
- ② 2.0" HMA PAVEMENT- TYPE 4 MT 58-28 S
- ③ 3.5" HMA PAVEMENT- TYPE 3 MT 58-28 S
- ④ 6" GRADATION 2 CRUSHED AGGREGATE BASE COURSE
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10225
MADISON, WI
CONTRACT NO: 8506

TYPICAL SECTION
ANDERSON STREET RESURFACING ASSESSMENT DISTRICT-2020
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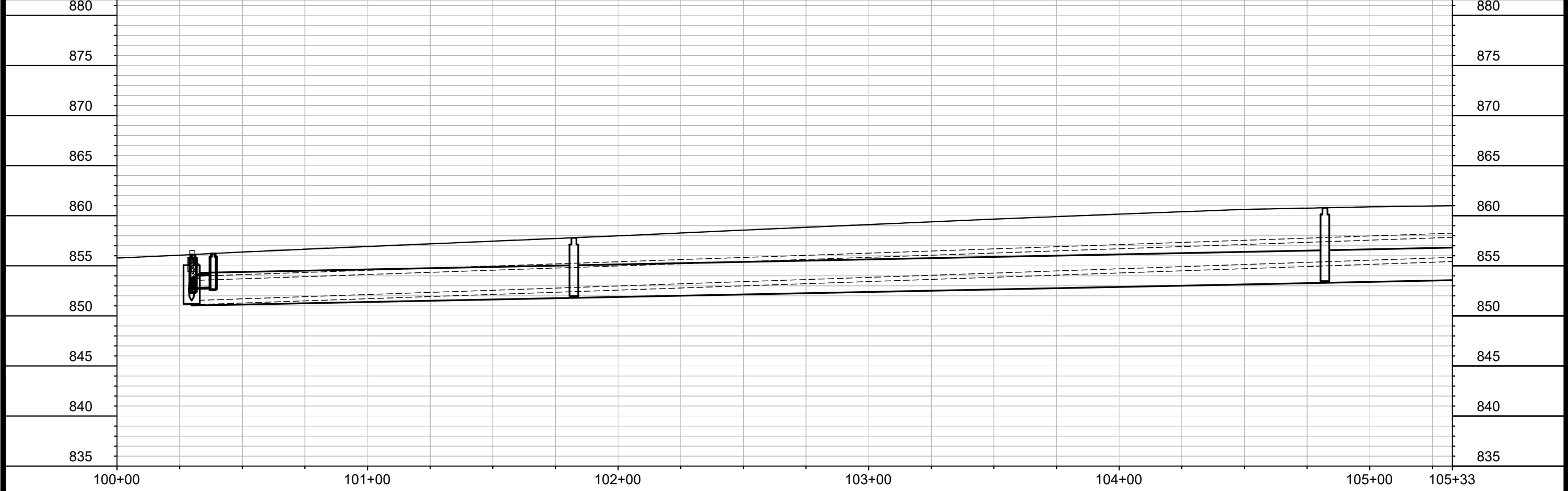
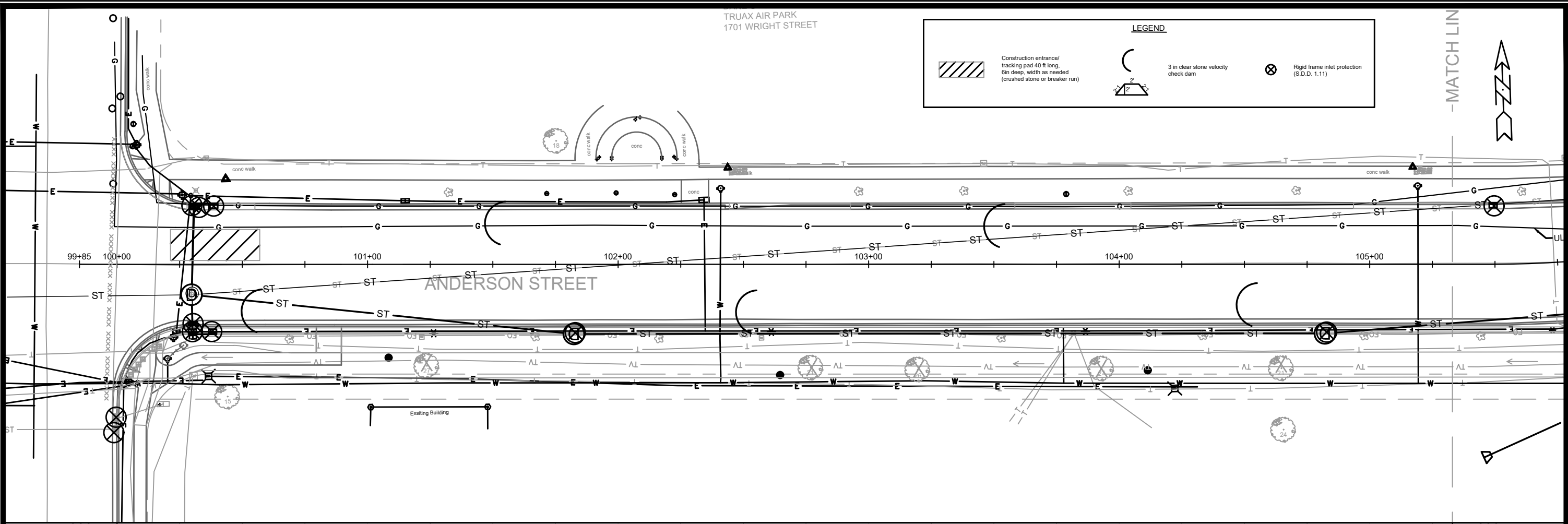


TRUAX AIR PARK
1701 WRIGHT STREET

LEGEND

-  Construction entrance/tracking pad 40 ft long, 6in deep, width as needed (crushed stone or breaker run)
-  3 in clear stone velocity check dam
-  Rigid frame inlet protection (S.D.D. 1.11)

MATCH LINE



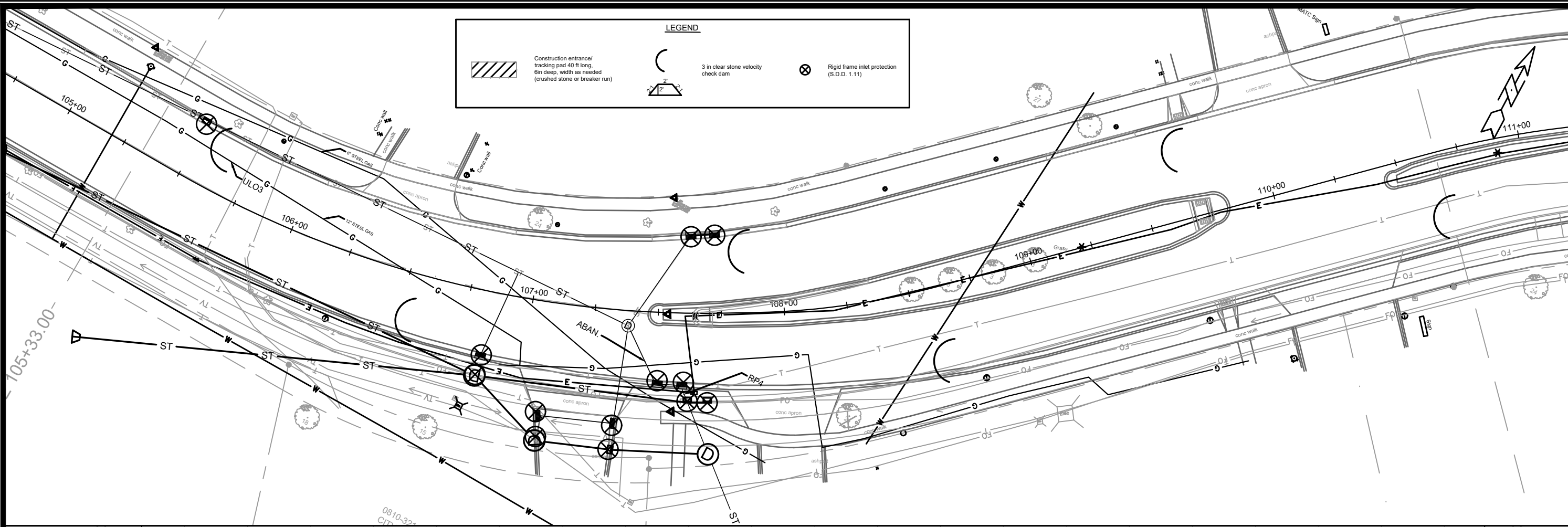
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MADISON, WI
ANDERSON STREET RESURFACING ASSESSMENT DISTRICT-2020
CONTRACT NO.: 8506


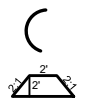

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ANDERSON STREET RESURFACING ASSESSMENT DISTRICT-2020
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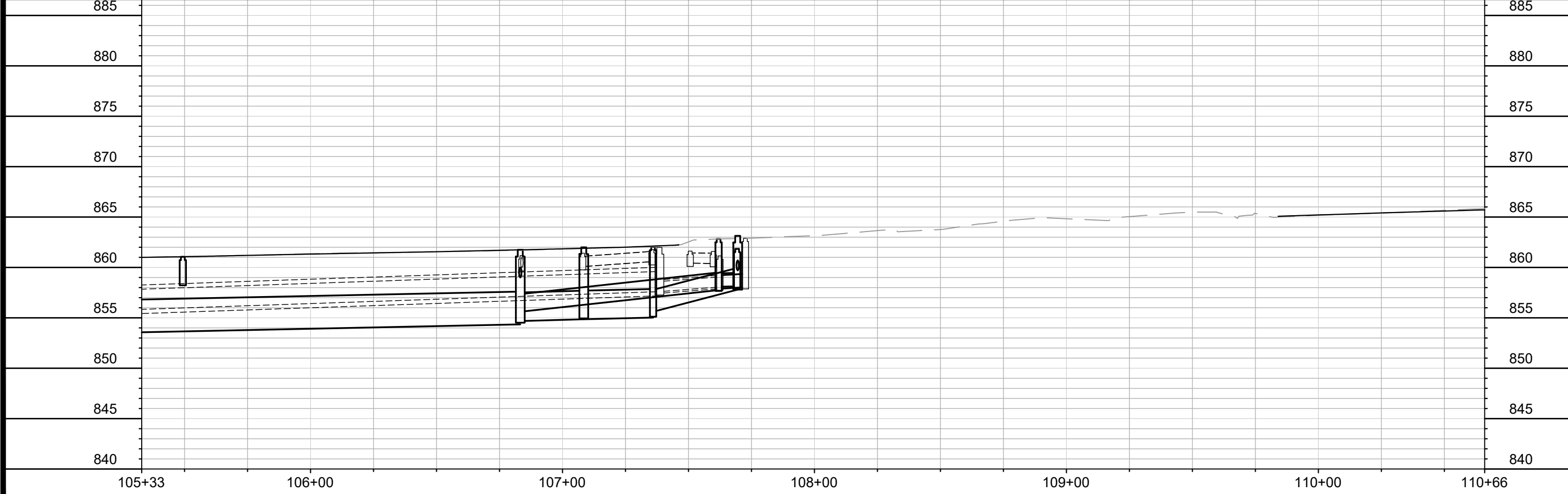



10225
EC-1



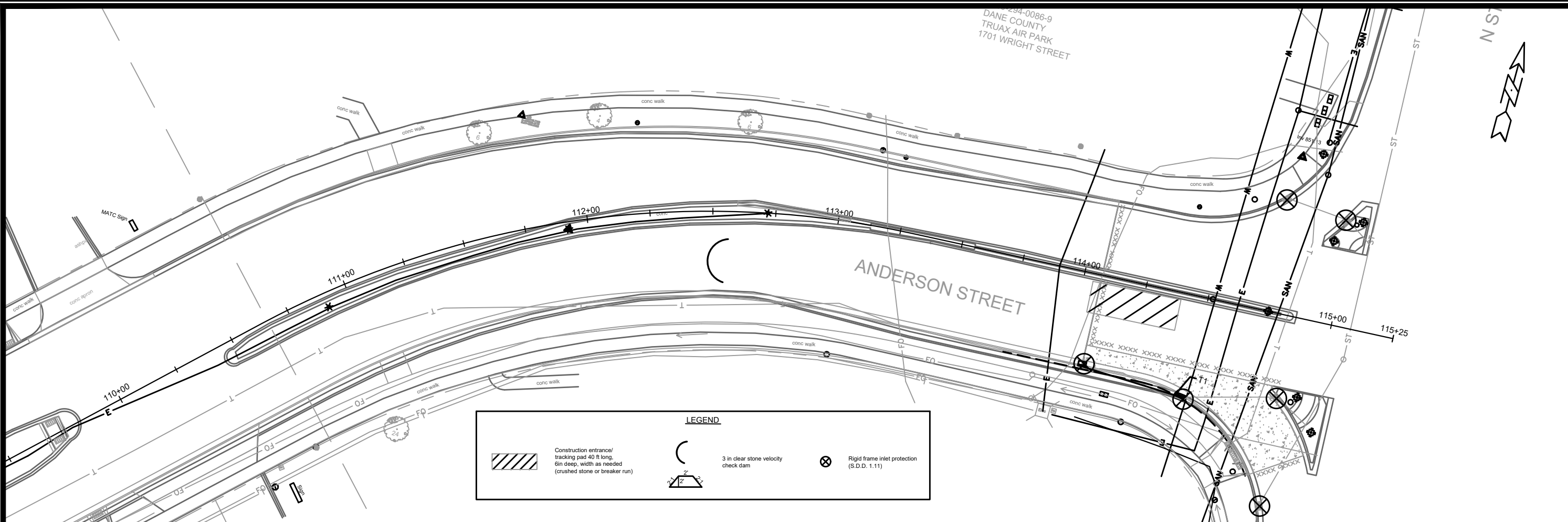
LEGEND

	Construction entrance/ tracking pad 40 ft long, 6 in deep, width as needed (crushed stone or breaker run)		3 in clear stone velocity check dam		Rigid frame inlet protection (S.D.D. 1.11)
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



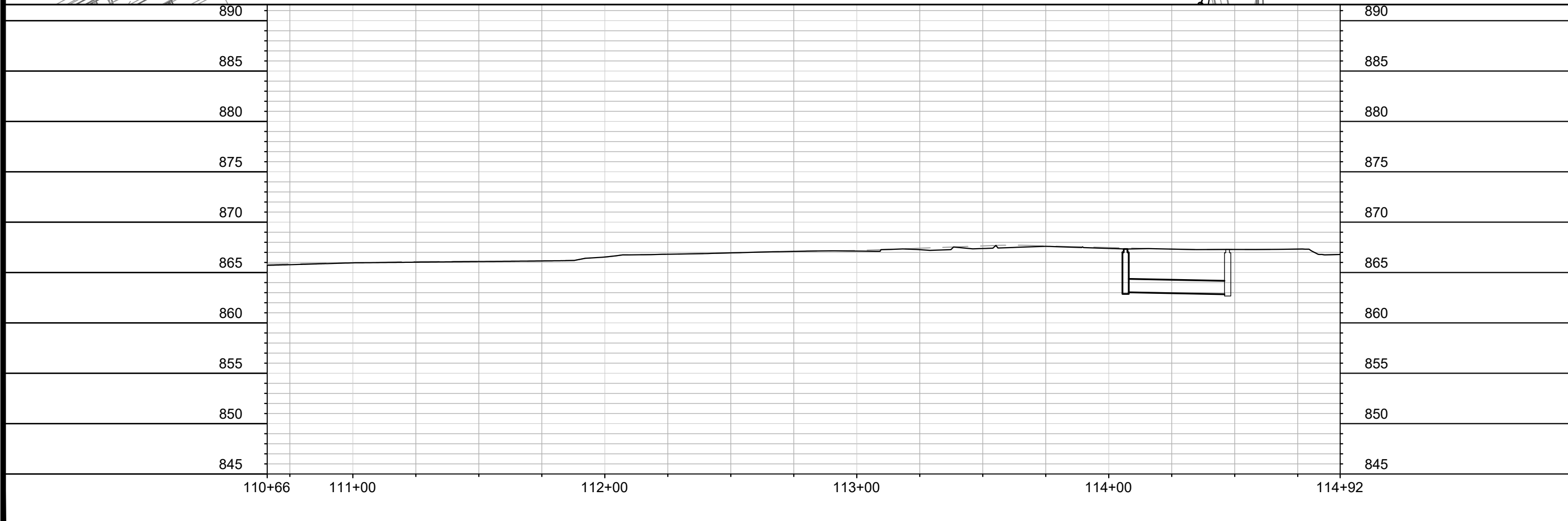
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DANE COUNTY
TRUAX AIR PARK
1701 WRIGHT STREET

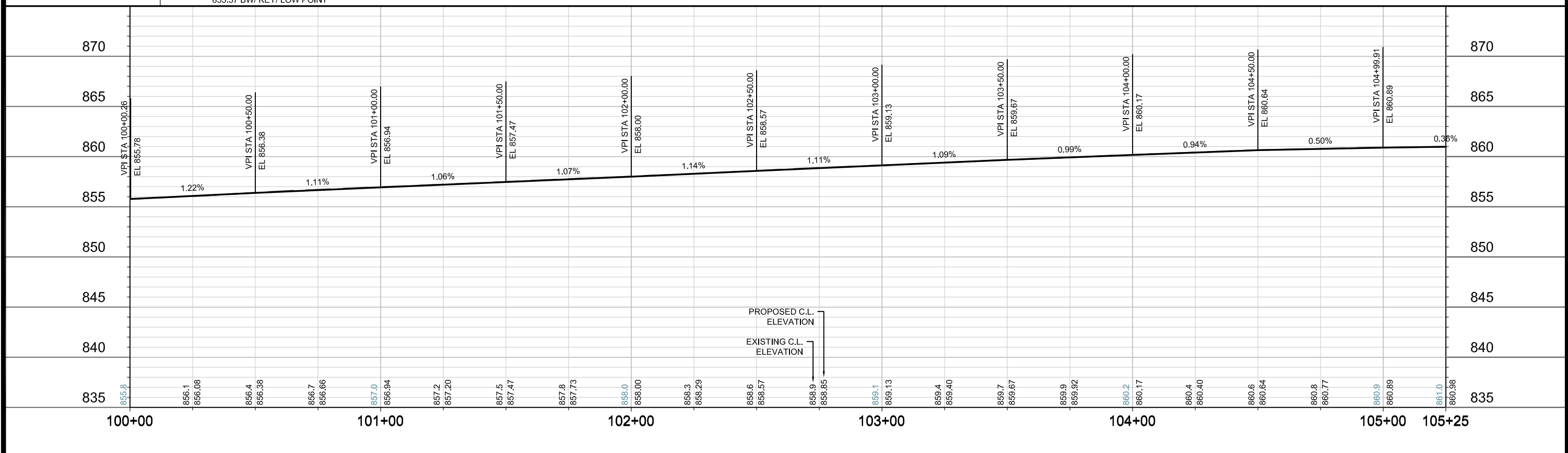
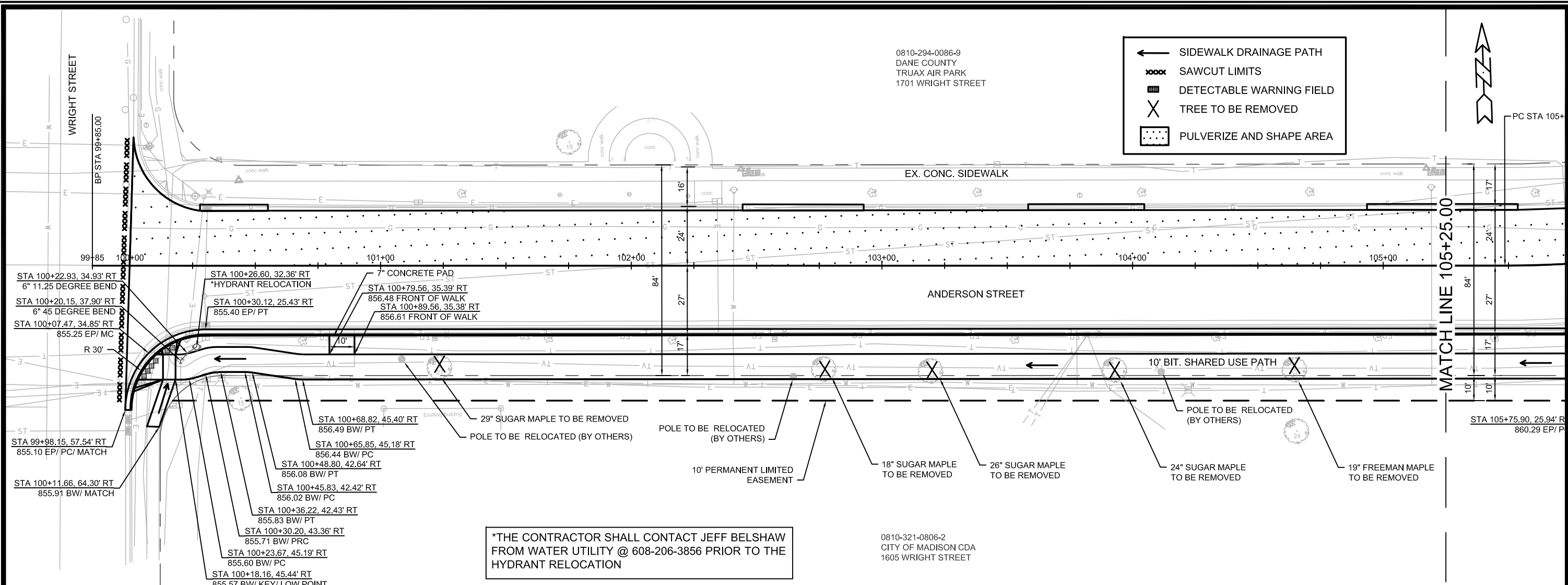


LEGEND

	Construction entrance/ tracking pad 40 ft long, 6 in deep, width as needed (crushed stone or breaker run)		3 in clear stone velocity check dam		Rigid frame inlet protection (S.D.D. 1.11)
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10225	MADISON, WI	10225	8506	EC-3
EROSION CONTROL PLAN & PROFILE				
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EC-3				



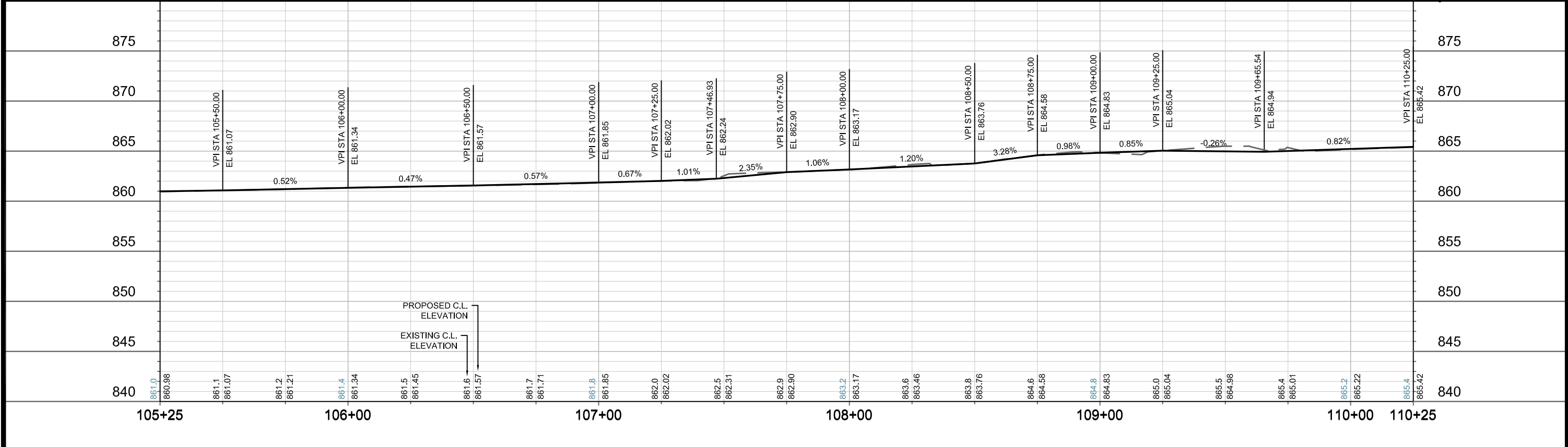
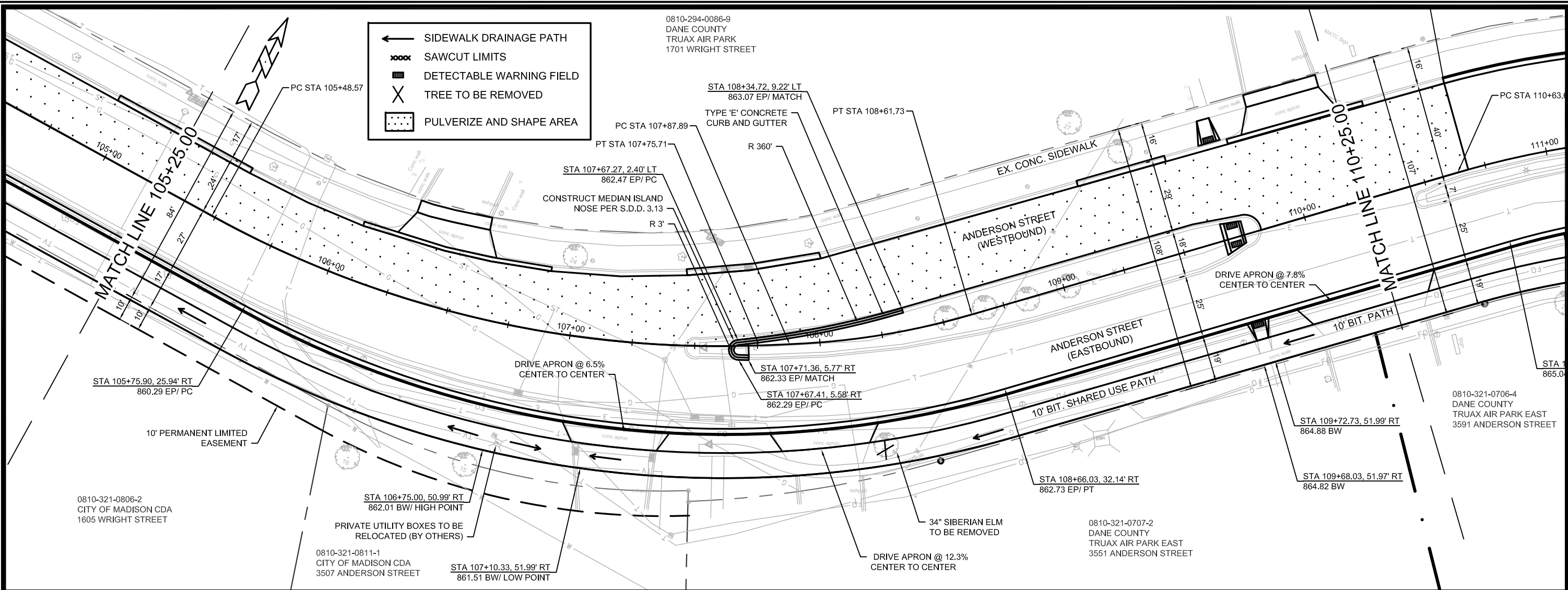
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ANDERSON STREET RESURFACING ASSESSMENT DISTRICT-2020
CONTRACT NO: 8506

PLAN & PROFILE
10225
P-1

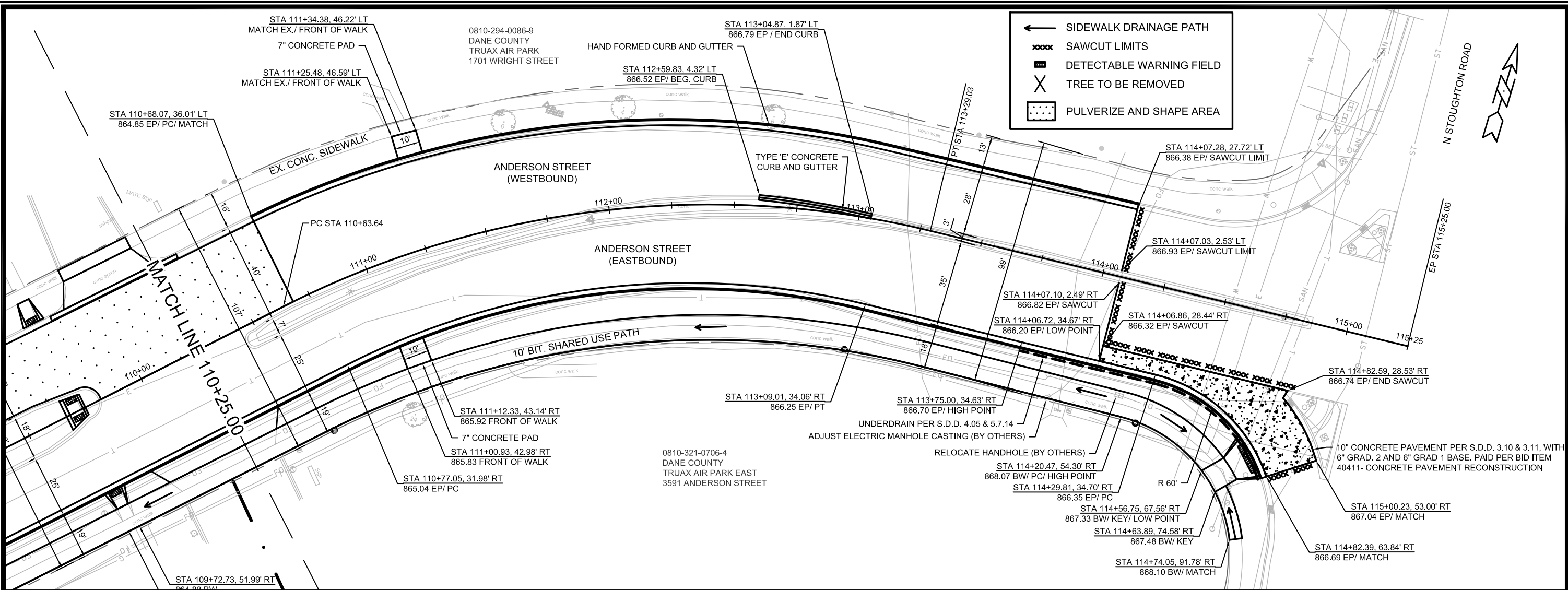
City of Madison Wisconsin logo

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REVISION	
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10225	P-1

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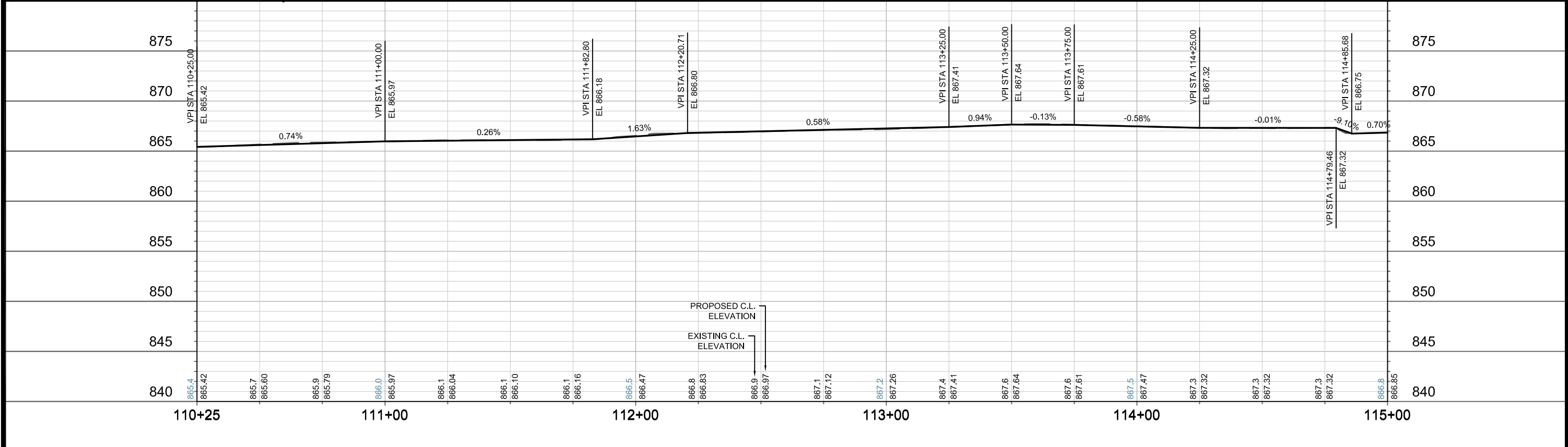


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PLAN & PROFILE ANDERSON STREET RESURFACING ASSESSMENT DISTRICT-2020			
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10225 P-2			



Legend:

- ← SIDEWALK DRAINAGE PATH
- XXXX SAWCUT LIMITS
- DETECTABLE WARNING FIELD
- X TREE TO BE REMOVED
- PULVERIZE AND SHAPE AREA



10225
 MADISON, WI
 ANDERSON STREET RESURFACING ASSESSMENT DISTRICT-2020
 CONTRACT NO: 8506
 P-3

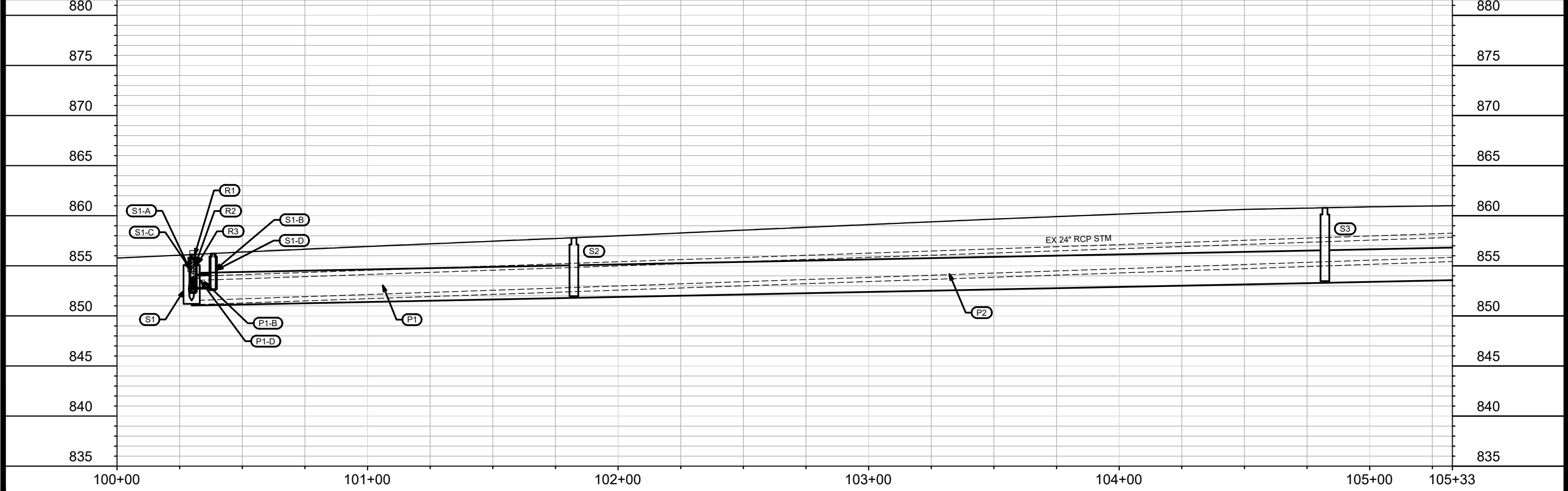
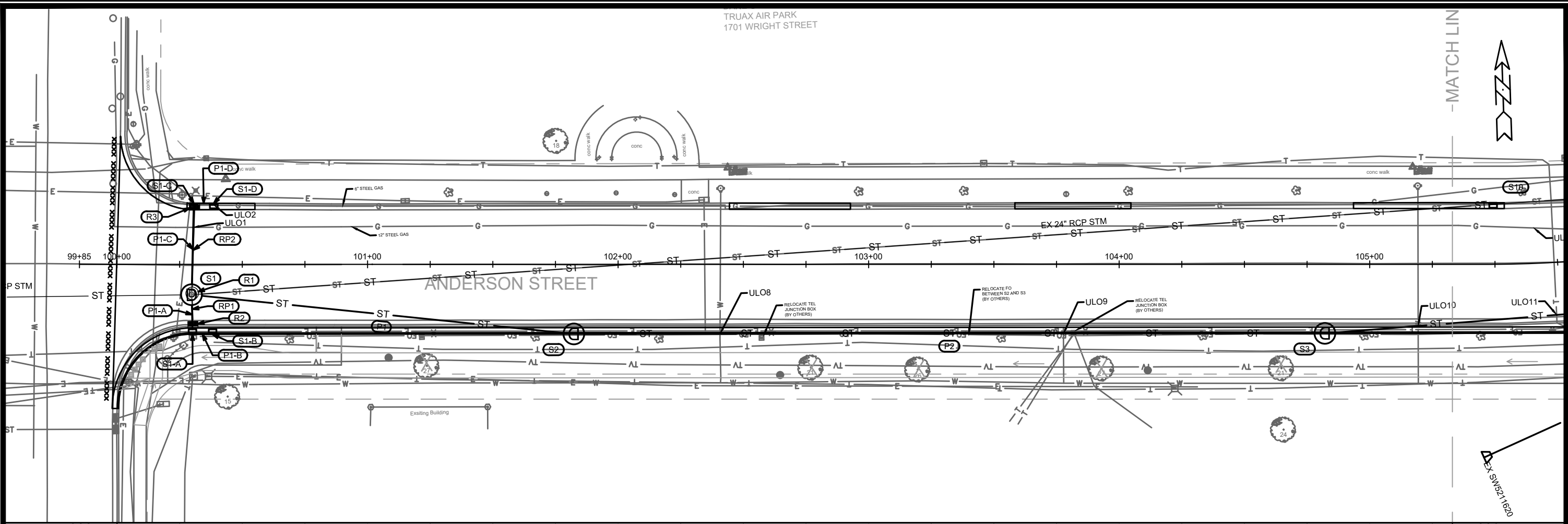
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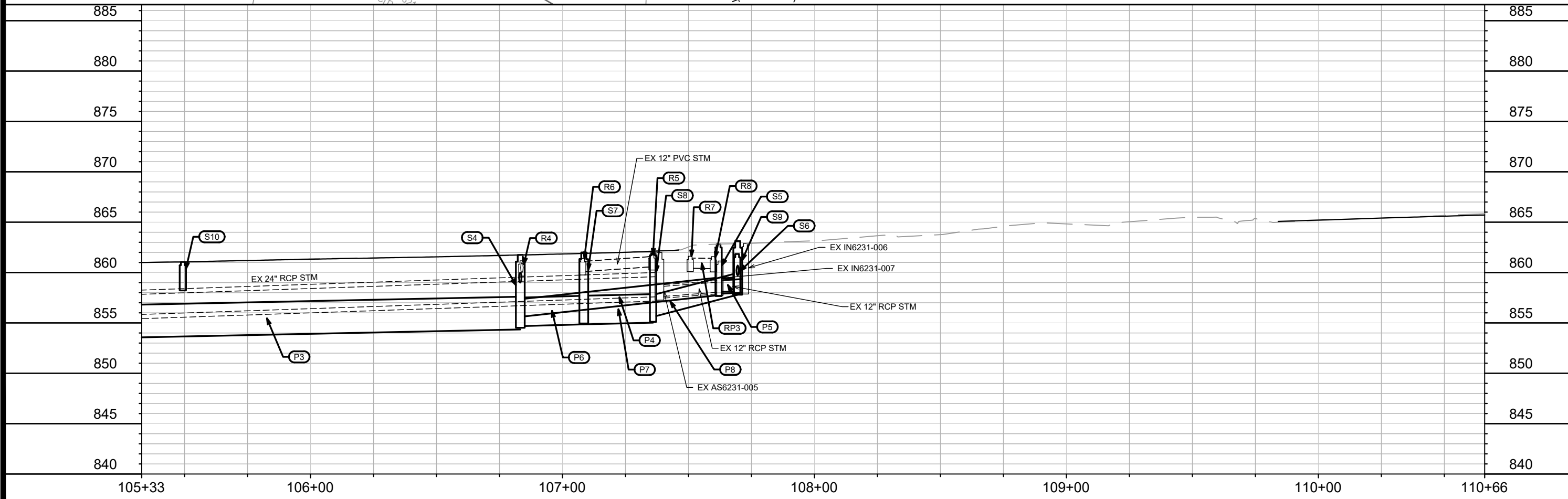
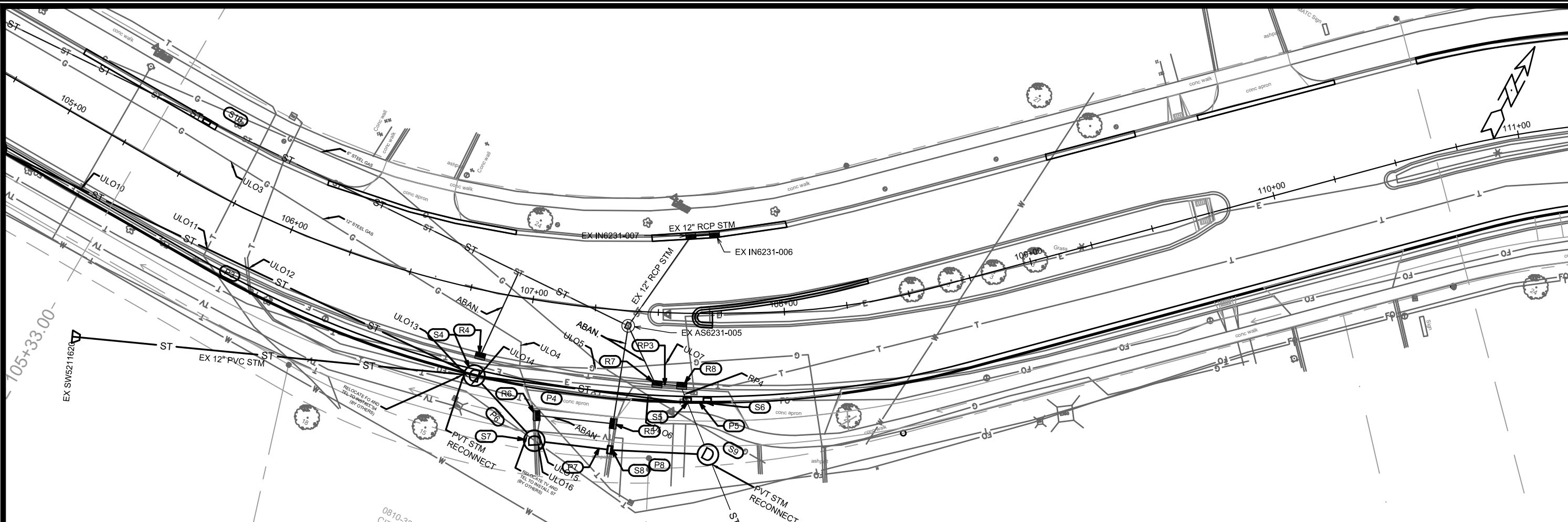
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TRUAX AIR PARK
1701 WRIGHT STREET

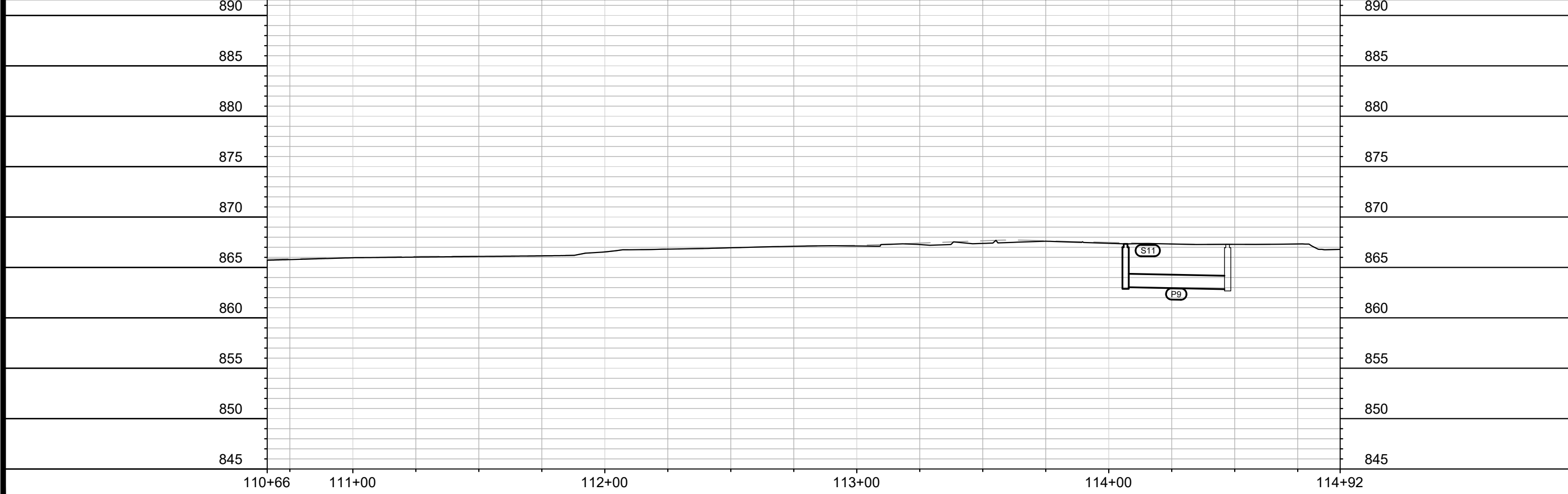
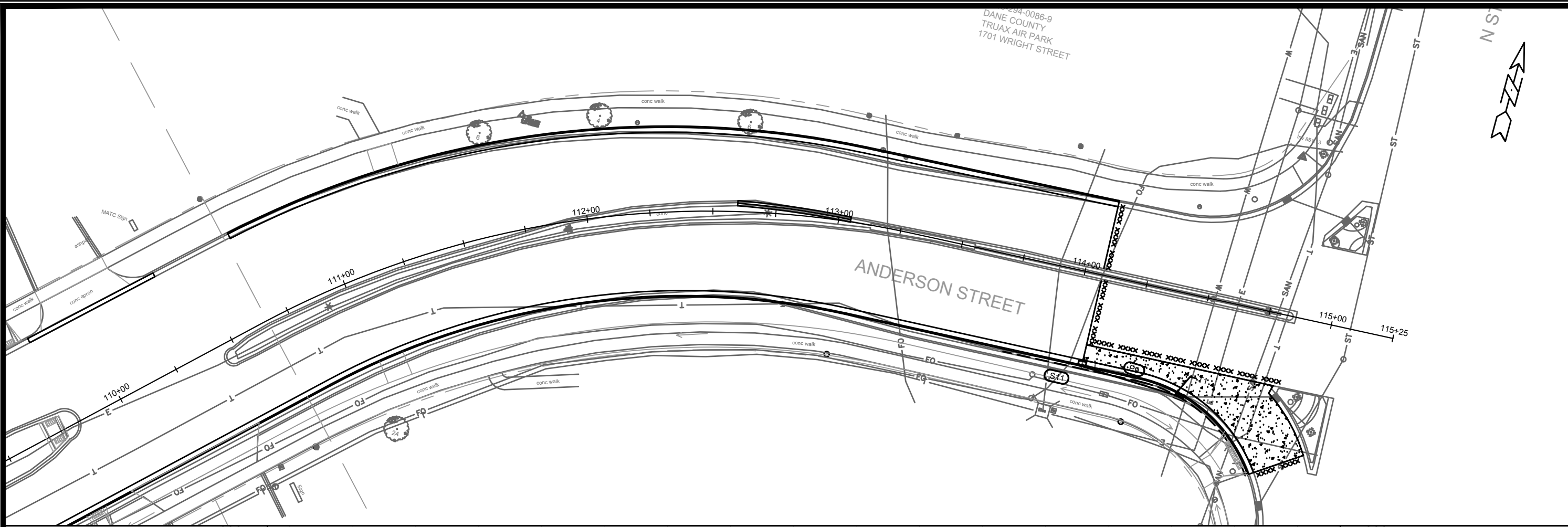
MATCH LINE



10225	MADISON, WI	8506
UTILITY PLAN & PROFILE		
ANDERSON STREET RESURFACING ASSESSMENT DISTRICT-2020		
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10225	10225	10225	U-2
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UTILITY PLAN & PROFILE		CONTRACT NO:	
ANDERSON STREET RESURFACING ASSESSMENT DISTRICT-2020		MADISON, WI	
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CITY OF MADISON WISCONSIN		U-2	



10225	10225	8506	U-3
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10225 U-3			

STORM SEWER SCHEDULE

ANDERSON ST. RESURFACING PROJECT NO. 10225	SHEET NO. U-4
STORM SEWER SCHEDULE	
CITY OF MADISON	

PROPOSED STORM STRUCTURES

STRUC. NO.	STATION	LOCATION (OFFSET)	TYPE	TOP OF CASTING	E.I.	DEPTH	NOTES
ANDERSON ST.							
S1	100+29.77	RT-12.2	6X6 AS	855.73	850.78	4.95	[1]; FP
S1-A	100+30.14	RT-27.9	H INLET	855.70	852.61	3.09	FP; w/ R-3067-7004-V
S1-B	100+38.15	RT-27.9	H INLET	855.80	852.90	2.90	FP; w/ R-3067-7004-V
S1-C	100+30.60	LT-24.4	H INLET	855.78	852.71	3.07	FP; w/ R-3067-7004-V
S1-D	100+38.62	LT-24.4	H INLET	855.87	853.00	2.87	FP; w/ R-3067-7004-V
S2	101+82.36	RT-27.8	3X3 AS	857.40	852.30	5.10	w/ R-3067-7004-V
S3	104+82.13	RT-27.6	3X3 AS	860.56	853.80	6.76	w/ R-3067-7004-V
S4	106+83.24	RT-34.0	3X3 AS	861.71	854.85	6.86	[4]; FP; w/ R-3067-7004-V
S5	107+61.96	RT-35.5	H INLET	862.24	858.00	4.24	FP; w/ R-3067-7004-V
S6	107+69.31	RT-35.6	H INLET	862.31	858.29	4.02	[4]; w/ R-3067-7004-V
S7	107+08.43	RT-55.3	3X3 AS	861.94	855.28	6.66	w/ R-3067-7004-V
S8	107+35.96	RT-55.6	H INLET	862.13	855.44	6.69	w/ R-3067-7004-V
S9	107+69.54	RT-56.0	3X3 AS	863.14	858.13	5.01	w/ R-1550-0054
S10	105+49.31	LT-24.6	H INLET	860.68	858.25	2.43	[2]; FP; w/ R-3067-7004-V
S11	114+06.72	RT-36.7	H INLET	866.94	863.21	3.73	w/ R-3067-7004-V
T1	114+45.90	RT-40.5	TAP	-	863.00	-	TAP EX IN 6231-027

REMOVE STORM PIPES

PIPE NO.	FROM (DISCH.)	TO (INLET)	PIPE LGTH (FT)	PAID (Y/N)	PAY LGTH (FT)	PIPE SIZE	PIPE TYPE	NOTES
ANDERSON ST.								
RP1	AS 6231-013	IN 6231-018	12	N	-	12"	RCP	-
RP2	AS 6231-013	IN 6231-017	35	N	-	15"	RCP	-
RP3	IN 6231-025	IN 6231-026	10	Y	6	12"	RCP	-
RP4	IN 6231-026	PVT	31	Y	22	12"	PVC	-

ABANDON STORM PIPES

FROM (DISCH.)	TO (INLET)	PIPE LGTH (FT)	PIPE SIZE	PIPE TYPE	NOTES
ANDERSON ST.					
TAP	IN 6231-021	36	12"	RCP	[3]
AS 6231-005	IN 6231-023	39	18"	RCP	[3]
IN 6231-023	IN 6231-024	30	12"	RCP	[3]
AS 6231-005	IN 6231-025	26	12"	RCP	[3]

ADJUST STORM STRUCTURE RIMS

SAS NO.	STATION	LOCATION (OFFSET)	TOP OF CASTING	PROP. RIM ELEV.	ADJ. HEIGHT	NOTES
ANDERSON ST.						
AS6231-005	107+38.46	RT-6.0	861.92	862.05	0.13	-
IN6231-006	107+72.58	LT-31.4	861.78	861.78	0.00	-
IN6231-007	107+62.46	LT-30.7	861.64	861.64	0.00	-

SPECIFIC NOTES:

- [1] SET STRUCTURE INVERT AS SHOWN FOR S1 TO ACCOMMODATE FUTURE OUTLET PIPE TO WEST
- [2] SADDLED H INLET
- [3] ABANDON WITH PIPE PLUG (BID ITEM 20336)
- [4] PRIVATE STORM RECONNECT TYPE 1

STANDARD NOTES:

- 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 PIPE LENGTH.
- KOR N SEAL BOOTS OR EQUIVALENT SHALL BE USED FOR ALL PIPE CONNECTIONS TO PRECAST INLETS. IN ADDITION, KOR N SEAL BOOTS SHALL BE REQUIRED FOR ANY TYPE II PIPE CONNECTIONS TO SAS STORM STRUCTURES. CONCRETE COLLARS OR KOR N SEAL MAY BE USED FOR ANY RCP OR HERCP CONNECTIONS TO SAS STORM STRUCTURES.
- ALL REBAR FOR FIELD POURED 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.

PROPOSED STORM PIPES

PIPE NO.	FROM (DISCH.)	TO (INLET)	DISCH. E.I.	INLET E.I.	PIPE LGTH (FT)	SLOPE (%)	PIPE SIZE	PIPE TYPE	NOTES
ANDERSON ST.									
P1-A	S1	S1-A	852.53	852.61	15.8	0.51%	15"	TYPE I	-
P1-B	S1-A	S1-B	852.86	852.90	8.0	0.50%	12"	TYPE I	-
P1-C	S1	S1-C	852.53	852.71	36.5	0.50%	15"	TYPE I	-
P1-D	S1-C	S1-D	852.96	853.00	8.0	0.50%	12"	TYPE I	-
P1	S1	S2	851.53	852.30	153.4	0.50%	27"	TYPE I	-
P2	S2	S3	852.30	853.80	299.8	0.50%	27"	TYPE I	-
P3	S3	S4	853.80	854.85	210.2	0.50%	27"	TYPE I	-
P4	S4	S5	855.85	858.00	85.1	2.53%	15"	TYPE I	-
P5	S5	S6	858.25	858.29	8.0	0.50%	12"	TYPE I	-
P6	S4	S7	855.10	855.28	35.1	0.51%	24"	TYPE I	-
P7	S7	S8	855.28	855.44	31.2	0.51%	24"	TYPE I	-
P8	S8	S9	855.94	858.13	38.0	5.76%	15"	TYPE I	-
P9	IN 6231-027	S10	863.00	863.21	41.2	0.51%	12"	TYPE I	-

REMOVE STORM STRUCTURES

STRUC. NO.	STATION	LOCATION (OFFSET)	TYPE	ID NO.
ANDERSON ST.				
R-1	100+30.0	RT-11.6	3X3 AS	AS 6231-013
R-2	100+30.3	RT-24.1	H INLET	IN 6231-018
R-3	100+31.0	LT-23.1	H INLET	IN 6231-017
R-4	106+83.9	RT-25.8	H INLET	IN 6231-021
R-5	107+35.5	RT-45.1	H INLET	IN 6231-023
R-6	107+08.0	RT-45.3	H INLET	IN 6231-024
R-7	107+50.7	RT-28.5	H INLET	IN 6231-025
R-8	107+59.9	RT-28.8	H INLET	IN 6231-026

COMPLETED UTILITY LINE OPENINGS (ULO)

ULO NO.	STATION	LOCATION (OFFSET)	TYPE	TOP ELEV.	NOTES
1	100+30	LT-14.7	GAS	849.05	12" STEEL
2	100+39	LT-23.6	GAS	849.88	6" STEEL
3	105+66	LT-14.0	GAS	855.04	12" STEEL
4	106+98	RT-18.7	GAS	855.07	6" STEEL
5	107+27	RT-23.9	GAS	856.49	12" STEEL
6	107+48	RT-33.1	GAS	856.71	12" STEEL
7	107+53	RT-20.7	GAS	854.32	12" STEEL

UTILITY LINE OPENINGS (ULO)

ULO NO.	STATION	OFFSET	TYPE	NOTES
8	102+40.8	RT-27.8	WATER	-
9	103+77.5	RT-27.4	WATER	-
10	105+19.0	RT-24.2	WATER	-
11	105+72.8	RT-20.7	TEL	-
12	105+90.0	RT-20.9	TEL	-
13	106+81.0	RT-34.5	FO	-
14	106+82.8	RT-37.8	TEL	-
15	107+09.4	RT-51.6	TV	-
16	107+10.1	RT-56.0	TEL	-








- 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
- APPROXIMATE DISCHARGE E.I. GIVEN, ADJUST E.I. AND PIPE SLOPE IN THE FIELD.
- TOP OF CASTING GRADE GIVEN IS THE TOP OF CURB FOR INLET STRUCTURES AND THE FLOWLINE OF THE CLOSED CASTING FOR SAS'S.
- 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 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 MATT ALLIE OF CITY ENGINEERING AT (608) 266-4058 FOR PRECAST APPROVALS, FAX SHOP DRAWINGS TO (608) 264-9275, OR EMAIL SHOP DRAWINGS TO MALLIE@CITYOFMADISON.COM.


ELECTRICAL NOTES:

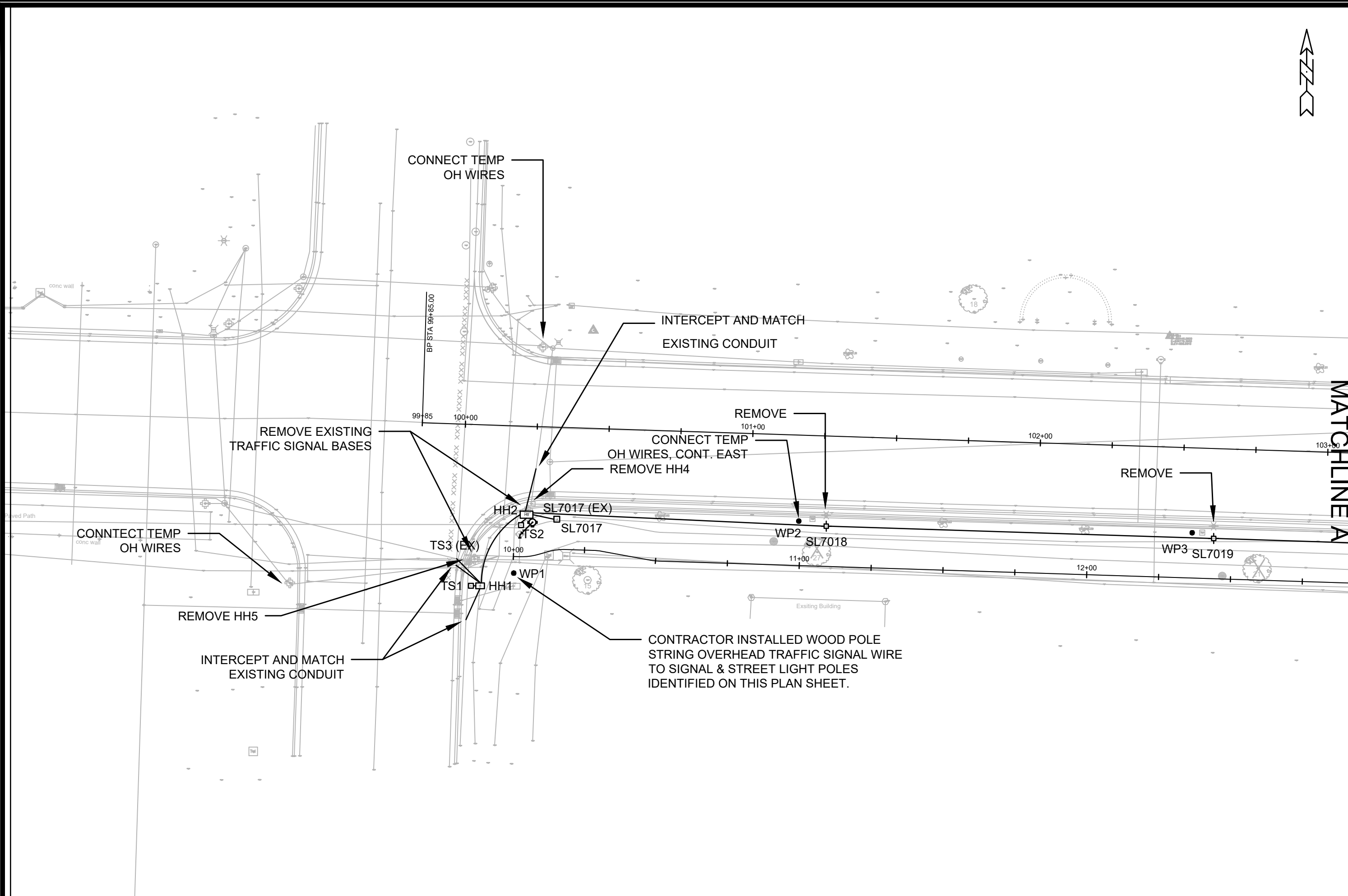
1. ALL LOCATIONS ARE APPROXIMATE, THE TRAFFIC ENGINEER SHALL APPROVE FINAL LOCATIONS, INCLUDING SETBACK, IN THE FIELD AFTER CONTRACTOR SURVEYS STAKING. THE CONTRACTOR SHALL NOTIFY JERRY SCHIPPA (608 267-1969) CITY TRAFFIC ENGINEERING, AT LEAST 24-HOURS IN ADVANCE OF NEEDING CONDUIT OR BASE LOCATIONS MARKED.
2. THE CONTRACTOR SHALL DO ALL WORK IN ACCORDANCE WITH "CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION 2020 EDITION" AND ALL ADDENDUMS THERETO. ALL CONDUIT SHALL BE PVC, SCHEDULE 80 UNDER PAVEMENT OR SCHEDULE 40 OTHERWISE. PULL WIRE REQUIRED AS PER STANDARD SPECIFICATION.
3. THE CONTRACTOR SHALL CALL MIKE BENZSCHAWEL (608 266-9031) AT THE TRAFFIC ENGINEERING SHOP AT LEAST 24-HRS IN ADVANCE OF POURING BASES, INSTALLING ELECTRICAL HANDHOLES OR BURYING CONDUIT TO ARRANGE FOR INSPECTION.
4. ANY WORK COMPLETED WITHOUT INSPECTION IS SUBJECT TO REJECTION.
5. EXISTING STREET LIGHTS WITHIN PROJECT LIMIT, OR ANY STREET LIGHTS POWERED BY SERVICE WITHIN PROJECT LIMITS SHALL BE IN SERVICE EVERY NIGHT. SEE SPECIAL PROVISIONS FOR BID ITEM.
6. THE CONTRACTOR SHALL ARRANGE FOR PICK UP OF THE FOLLOWING CITY FURNISHED MATERIALS, WHICH SHOULD BE ARRANGED FOR PICK UP BY CALLING ED SMITH, TRAFFIC ENGINEERING SHOP (266-9034), 1120 SAYLE ST., AT LEAST 24-HRS PRIOR TO NEEDING MATERIALS:

6.1.	(8) 3/4" BY 19"	ANCHOR BOLTS FOR	TYPE G BASE
6.2.	(24) 1" BY 42"	ANCHOR BOLTS FOR	LB-3 BASE
6.3.	(8) 1 1/4" BY 48"	ANCHOR BOLTS FOR	LB-8 BASE

LEGEND

	INSTALL TYPE G BASE
	INSTALL LB-3 BASE
	INSTALL LB-8 BASE
	INSTALL TYPE I HANDHOLE
	INSTALL TYPE V HANDHOLE
	INSTALL ELECTRICAL CONDUIT
	PROVIDE AND INSTALL TEMP. WOOD POLE

ELECTRICAL PLAN	10225	MADISON, WI	CONTRACT NO: 8506	E-1
ANDERSON STREET RESURFACING ASSESSMENT DISTRICT-2020				
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10225				
E-1				



MATCHLINE A

MARK	REVISION	DATE	BY
10225			
Designed By: FBEG		Date: 4/14/2020	11:35 AM
Scale:		E-2	

10225
 MADISON, WI
 ANDERSON STREET RESURFACING ASSESSMENT DISTRICT-2020
 CONTRACT NO: 8506



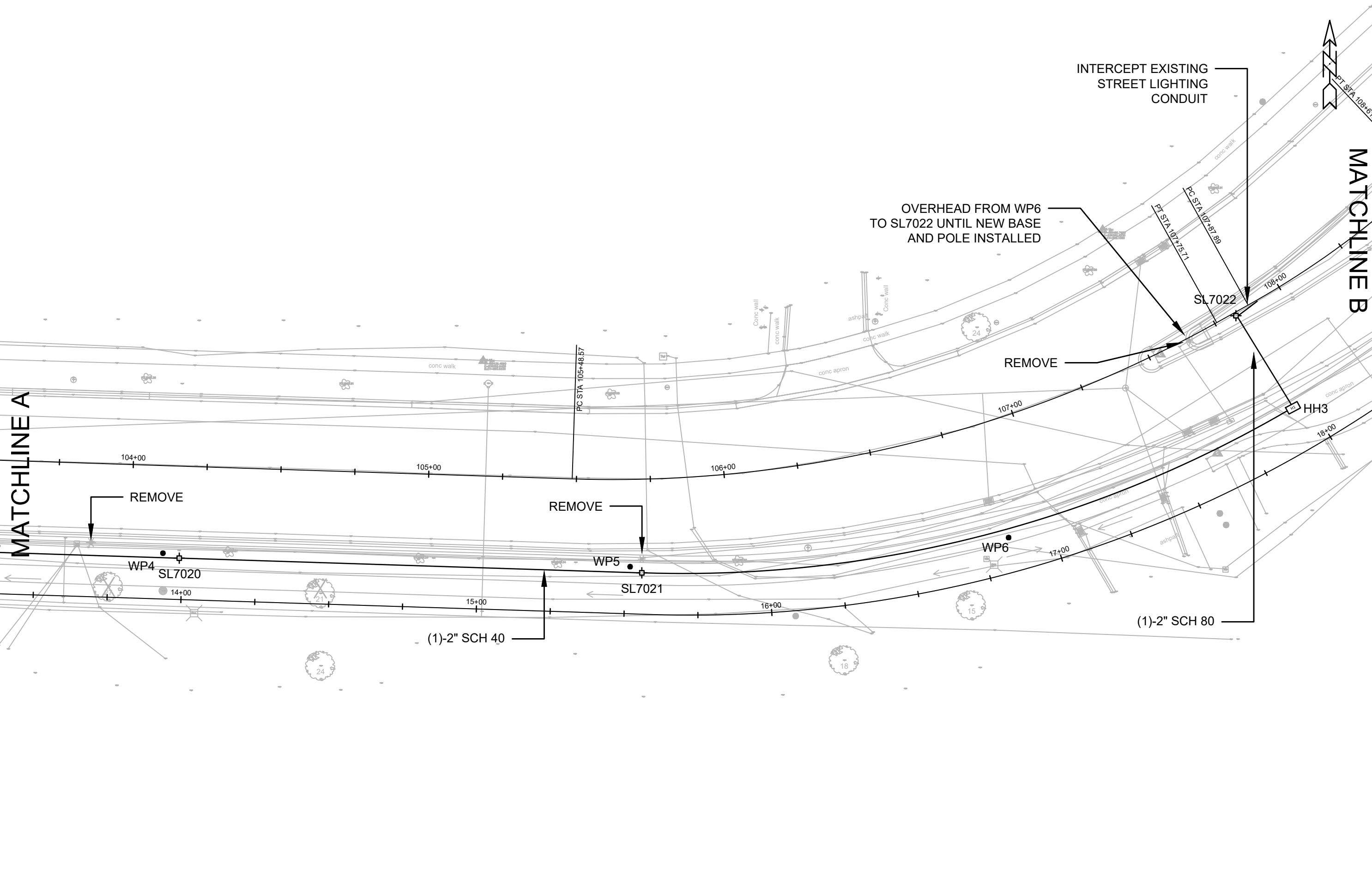
10225
 E-2

ELECTRICAL PLAN

CONTRACTOR INSTALLED WOOD POLE STRING OVERHEAD TRAFFIC SIGNAL WIRE TO SIGNAL & STREET LIGHT POLES IDENTIFIED ON THIS PLAN SHEET.

MATCHLINE A

MATCHLINE B



MARK	REVISION	DATE	BY
10225	10225	4/14/2020 11:39 AM	E-4

10225
 MADISON, WI
 CONTRACT NO: 8506

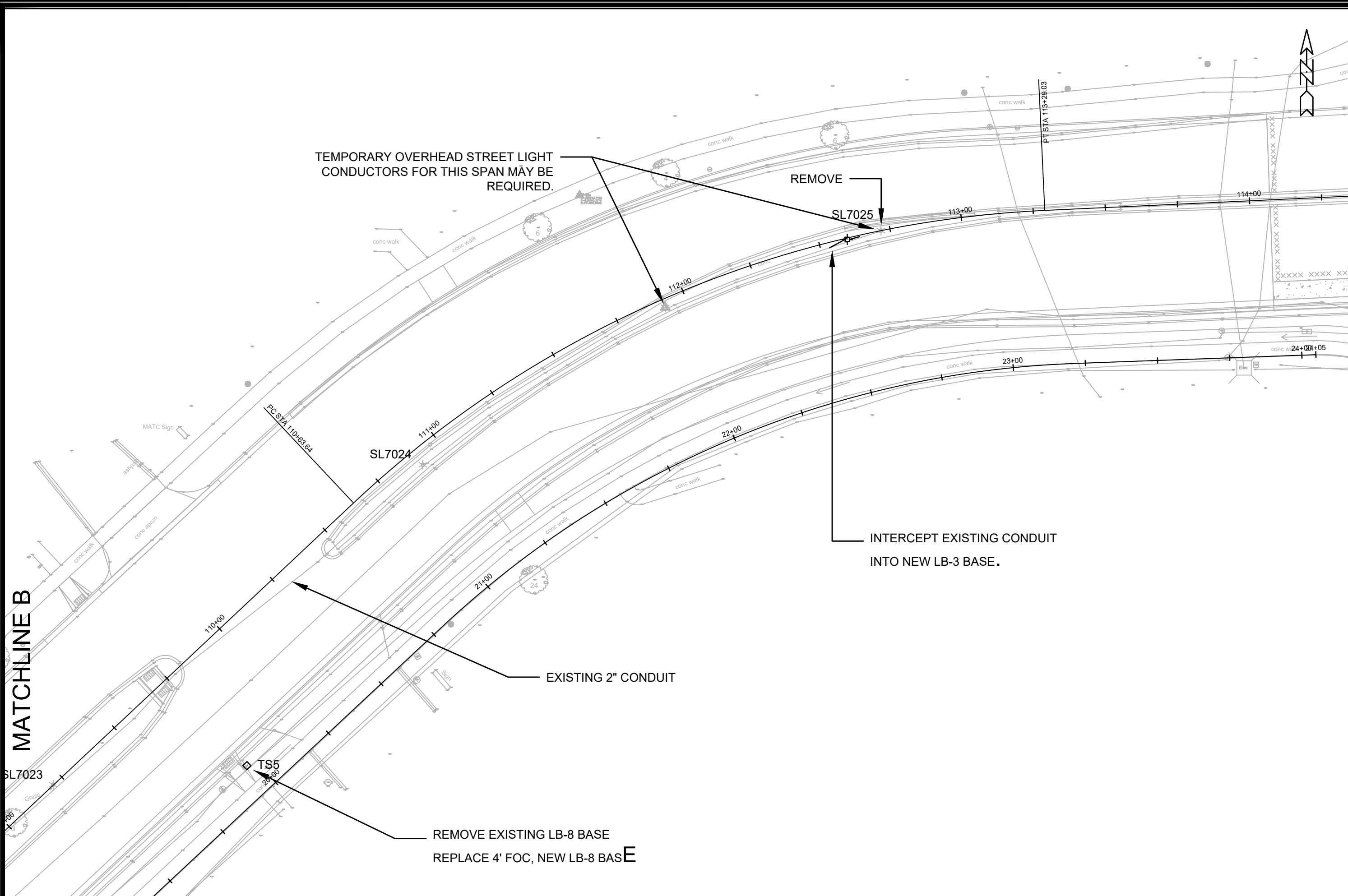
ELECTRICAL PLAN
 ANDERSON STREET RESURFACING ASSESSMENT DISTRICT-2020
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10225
 E-4

MATCHLINE B

SL7023



TEMPORARY OVERHEAD STREET LIGHT CONDUCTORS FOR THIS SPAN MAY BE REQUIRED.

REMOVE

SL7025

113+00

114+00

PT STA 113+29.03

PC STA 110+63.64

SL7024

111+00

112+00

22+00

23+00

24+00+05

INTERCEPT EXISTING CONDUIT INTO NEW LB-3 BASE.

EXISTING 2" CONDUIT

TS5

REMOVE EXISTING LB-8 BASE
REPLACE 4' FOC, NEW LB-8 BASE

MARK	REVISION	DATE	BY
10225		4/14/2020 11:46 AM	
Designed By: FBEG			Scale:
			E-5

10225
MADISON, WI
CONTRACT NO: 8506

ELECTRICAL PLAN
ANDERSON STREET RESURFACING ASSESSMENT DISTRICT-2020


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10225
E-5

Traffic Signal Conduits (10225-402-176)								
		60222	60230	60224	60232	60241	60261	
		FURNISH AND INSTALL PVC CONDUIT				GOPHER RACEWAY FOR	ELECTRICAL TRENCH	
		SCHEDULE 80		SCHEDULE 40		ELECTRICAL CONDUIT OR		
		3"	2"	3"	2"	CABLE-IN-DUCT		
FROM	TO	(LF)	(LF)	(LF)	(LF)	(LF)	(LF)	COMMENTS
EXISTING	HH1	12	-	-	-	-	12	Match Existing
EXISTING	HH1	12	-	-	-	-	12	Match Existing
HH1	TS1	-	-	-	5	-	5	
HH1	HH2	-	-	30	-	-	30	(1) - 2", (1) - 3"
HH2	TS2	-	-	-	5	-	5	(1) - 2"
HH2	EXISTING	15	-	-	-	-	15	(1) - 2", (1) - 3"
HH2	SL7017	-	-	12	-	-	12	(1) - 3"
TOTALS:		39	0	42	10	0	91	

Street Lighting Conduits (10225-402-177)								
		60222	60230	60224	60232	60241	60261	
		FURNISH AND INSTALL PVC CONDUIT				GOPHER RACEWAY FOR	ELECTRICAL TRENCH	
		SCHEDULE 80		SCHEDULE 40		ELECTRICAL CONDUIT OR		
		3"	2"	3"	2"	CABLE-IN-DUCT		
FROM	TO	(LF)	(LF)	(LF)	(LF)	(LF)	(LF)	COMMENTS
EXISTING	HH1	-	12	-	-	-	-	Match Existing
HH1	HH2	-	-	-	30	-	-	(1) - 2", (1) - 3"
HH2	EXISTING	-	15	-	-	-	-	Match Existing
SL7017	SL7018	-	-	-	105	-	105	(1) - 2"
SL7018	SL7019	-	-	-	135	-	135	(1) - 2"
SL7019	SL7020	-	-	-	155	-	155	(1) - 2"
SL7020	SL7021	-	-	-	155	-	155	(1) - 2"
SL7021	HH3	-	-	40	290	-	290	(1) - 2"
HH3	SL7022	-	-	38	-	38	-	(1) - 2"
SL7022	EXISTING	-	-	-	6	-	6	Match Existing
SL7025	EXISTING	-	-	-	6	-	6	Match Existing
TOTALS:		0	27	78	882	38	852	

MARK	REVISION	DATE	BT
10225		4/14/2020 10:32 AM	
ELECTRICAL PLAN		10225	E-6
ANDERSON STREET RESURFACING ASSESSMENT DISTRICT-2020		MADISON, WI	8506
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		10225	E-6

Traffic Signal Bases & Handholes (10225-402-176)											
			60402	60403	60411	60423	60421	60427	60702	60706	
			CONSTRUCT	CONSTRUCT	CONSTRUCT	REMOVE	REMOVE	REMOVE	CONSTRUCT	CONSTRUCT	
			LB-3 BASE	LB-8 BASE	TYPE G BASE	TRAFFIC	STREET LIGHT	ELECTRICAL	ELECTRICAL	ELECTRICAL	
						SIGNAL BASE	BASE	HANDHOLE	HANDHOLE	HANDHOLE	
									TYPE I	TYPE V	
STRUCTURE	STATION	OFFSET	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	COMMENTS
TS1	100+03.7	56.1' R	-	-	1	-	-	-	-	-	
TS2	100+20.4	34.5' R	-	-	1	-	-	-	-	-	
TS5	109+74.3	41.1' R	-	1	-	1	-	-	-	-	RRFB BASE & SERVICE
TS3 (EX)	100+05.3	46.7' R	-	-	-	1	-	-	-	-	
SL7017	100+32.8	32.0' R	-	1	-	-	1	-	-	-	
HH1	100+07.5	56.0' R	-	-	-	-	-	-	-	1	
HH2	100+22.2	30.7' R	-	-	-	-	-	-	1	-	
TOTALS:			0	2	2	2	1	0	1	1	

Street Lighting Bases & Handholes(10225-402-177)											
			60402	60403	60411	60423	60421	60427	60702	60706	
			CONSTRUCT	CONSTRUCT	CONSTRUCT	REMOVE	REMOVE	REMOVE	CONSTRUCT	CONSTRUCT	
			LB-3 BASE	LB-8 BASE	TYPE G BASE	TRAFFIC	STREET LIGHT	ELECTRICAL	ELECTRICAL	ELECTRICAL	
						SIGNAL BASE	BASE	HANDHOLE	HANDHOLE	HANDHOLE	
									TYPE I	TYPE V	
STRUCTURE	STATION	OFFSET	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	COMMENTS
SL7018	101+26.5	31.3' R	1	-	-	-	1	-	-	-	
SL7019	102+61.3	31.2' R	1	-	-	-	1	-	-	-	
SL7020	104+17.1	31.1' R	1	-	-	-	1	-	-	-	EX. BASE STA 103+86
SL7021	105+68.7	31.6' R	1	-	-	-	1	-	-	-	
HH3	107+84.3	37.7' R	-	-	-	-	-	-	1	-	
SL7022	107+84.5	1.1' R	1	-	-	-	1	-	-	-	
SL7023	109+21.0	0' R	-	-	-	-	-	-	-	-	MAINTAIN
SL7024	110+90.6	5.5' R	-	-	-	-	-	-	-	-	MAINTAIN
SL7025	112+59.5	1.1' R	1	-	-	-	1	-	-	-	
HH5	110+03.0	48.0' R	-	-	-	-	-	1	-	-	
HH4	100+23.7	26.9' R	-	-	-	-	-	1	-	-	
TOTALS:			6	0	0	0	6	2	1	0	

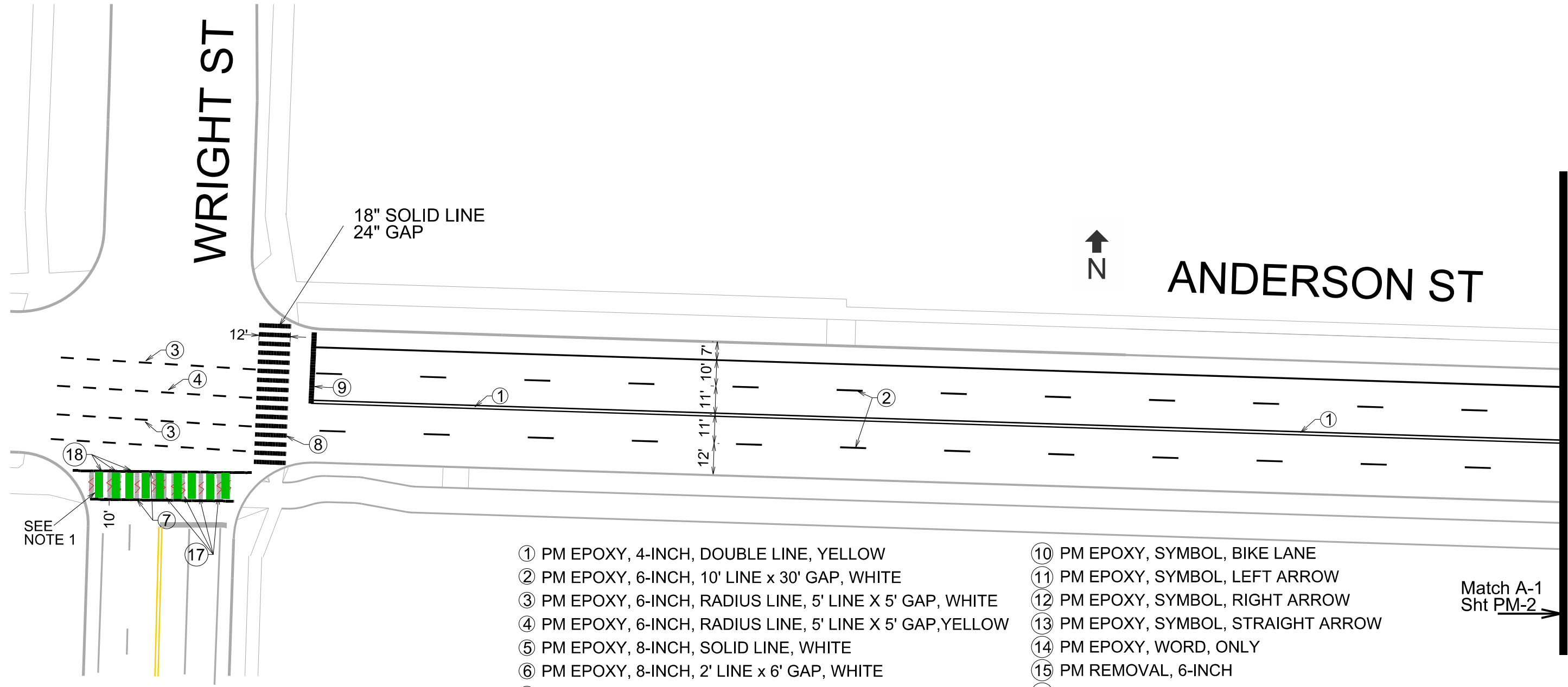
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ANDERSON STREET RESURFACING ASSESSMENT DISTRICT-2020		CONTRACT NO:	8506	E-7
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10225				
E-7				

PLOT SCALE:

 PLOT NAME:

 REV. DATE:

 ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.



NOTE 1:
2'x 10' PANELS TO BE SPACED ABOUT 2' TO 4' APART
TO AVOID WEAR FROM VEHICLE TIRES

- | | |
|---|---|
| ① PM EPOXY, 4-INCH, DOUBLE LINE, YELLOW | ⑩ PM EPOXY, SYMBOL, BIKE LANE |
| ② PM EPOXY, 6-INCH, 10' LINE x 30' GAP, WHITE | ⑪ PM EPOXY, SYMBOL, LEFT ARROW |
| ③ PM EPOXY, 6-INCH, RADIUS LINE, 5' LINE X 5' GAP, WHITE | ⑫ PM EPOXY, SYMBOL, RIGHT ARROW |
| ④ PM EPOXY, 6-INCH, RADIUS LINE, 5' LINE X 5' GAP, YELLOW | ⑬ PM EPOXY, SYMBOL, STRAIGHT ARROW |
| ⑤ PM EPOXY, 8-INCH, SOLID LINE, WHITE | ⑭ PM EPOXY, WORD, ONLY |
| ⑥ PM EPOXY, 8-INCH, 2' LINE x 6' GAP, WHITE | ⑮ PM REMOVAL, 6-INCH |
| ⑦ PM EPOXY, CROSSWALK, 12-INCH | ⑯ PM REMOVAL, 12-INCH |
| ⑧ PM EPOXY, CONTINENTAL CROSSWALK, 18-INCH | ⑰ PM REMOVAL, 18-INCH |
| ⑨ PM EPOXY, STOP LINE, 24-INCH | ⑱ PREFORMED THERMOPLASTIC PM, BIKE LANE GREEN
2' x 10' RECTANGLE |

↑
N
ANDERSON ST

↑
Match A-2
Sht PM-3

←
Match A-1
Sht PM-1

- ① PM EPOXY, 4-INCH, DOUBLE LINE, YELLOW
- ② PM EPOXY, 6-INCH, 10' LINE x 30' GAP, WHITE
- ③ PM EPOXY, 6-INCH, RADIUS LINE, 5' LINE x 5' GAP, WHITE
- ④ PM EPOXY, 6-INCH, RADIUS LINE, 5' LINE x 5' GAP, YELLOW
- ⑤ PM EPOXY, 8-INCH, SOLID LINE, WHITE
- ⑥ PM EPOXY, 8-INCH, 2' LINE x 6' GAP, WHITE
- ⑦ PM EPOXY, CROSSWALK, 12-INCH
- ⑧ PM EPOXY, CONTINENTAL CROSSWALK, 18-INCH
- ⑨ PM EPOXY, STOP LINE, 24-INCH
- ⑩ PM EPOXY, SYMBOL, BIKE LANE
- ⑪ PM EPOXY, SYMBOL, LEFT ARROW
- ⑫ PM EPOXY, SYMBOL, RIGHT ARROW
- ⑬ PM EPOXY, SYMBOL, STRAIGHT ARROW
- ⑭ PM EPOXY, WORD, ONLY
- ⑮ PM REMOVAL, 6-INCH
- ⑯ PM REMOVAL, 12-INCH
- ⑰ PM REMOVAL, 18-INCH
- ⑱ PREFORMED THERMOPLASTIC PM, BIKE LANE GREEN
2' x 10' RECTANGLE

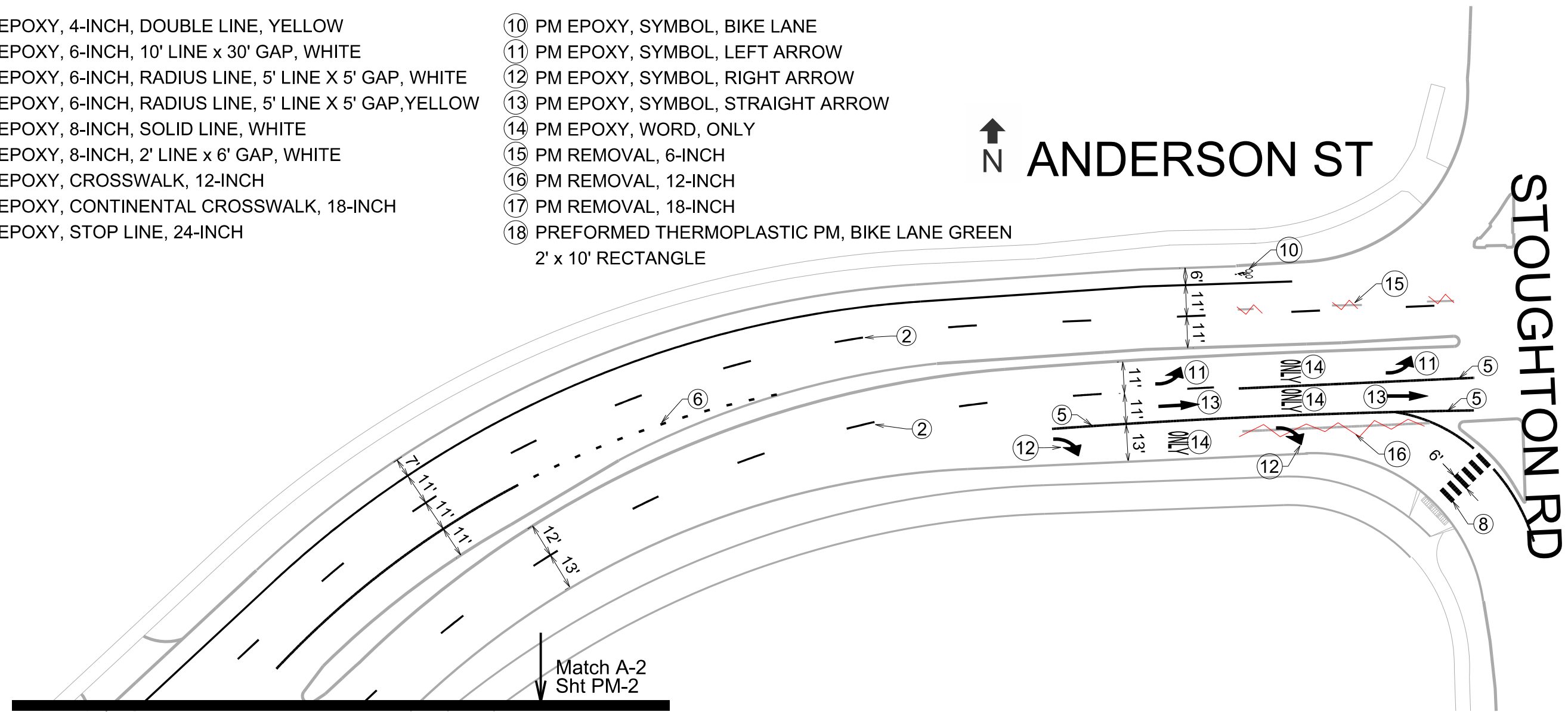
PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.

- | | |
|---|---|
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| ② PM EPOXY, 6-INCH, 10' LINE x 30' GAP, WHITE | ⑪ PM EPOXY, SYMBOL, LEFT ARROW |
| ③ PM EPOXY, 6-INCH, RADIUS LINE, 5' LINE X 5' GAP, WHITE | ⑫ PM EPOXY, SYMBOL, RIGHT ARROW |
| ④ PM EPOXY, 6-INCH, RADIUS LINE, 5' LINE X 5' GAP, YELLOW | ⑬ PM EPOXY, SYMBOL, STRAIGHT ARROW |
| ⑤ PM EPOXY, 8-INCH, SOLID LINE, WHITE | ⑭ PM EPOXY, WORD, ONLY |
| ⑥ PM EPOXY, 8-INCH, 2' LINE x 6' GAP, WHITE | ⑮ PM REMOVAL, 6-INCH |
| ⑦ PM EPOXY, CROSSWALK, 12-INCH | ⑯ PM REMOVAL, 12-INCH |
| ⑧ PM EPOXY, CONTINENTAL CROSSWALK, 18-INCH | ⑰ PM REMOVAL, 18-INCH |
| ⑨ PM EPOXY, STOP LINE, 24-INCH | ⑱ PREFORMED THERMOPLASTIC PM, BIKE LANE GREEN
2' x 10' RECTANGLE |

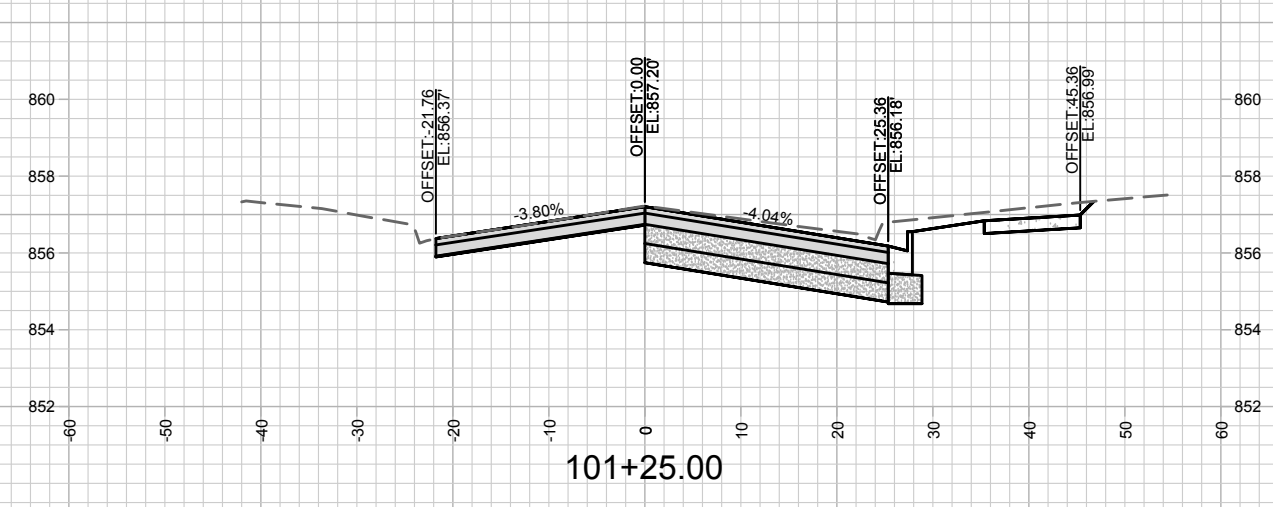
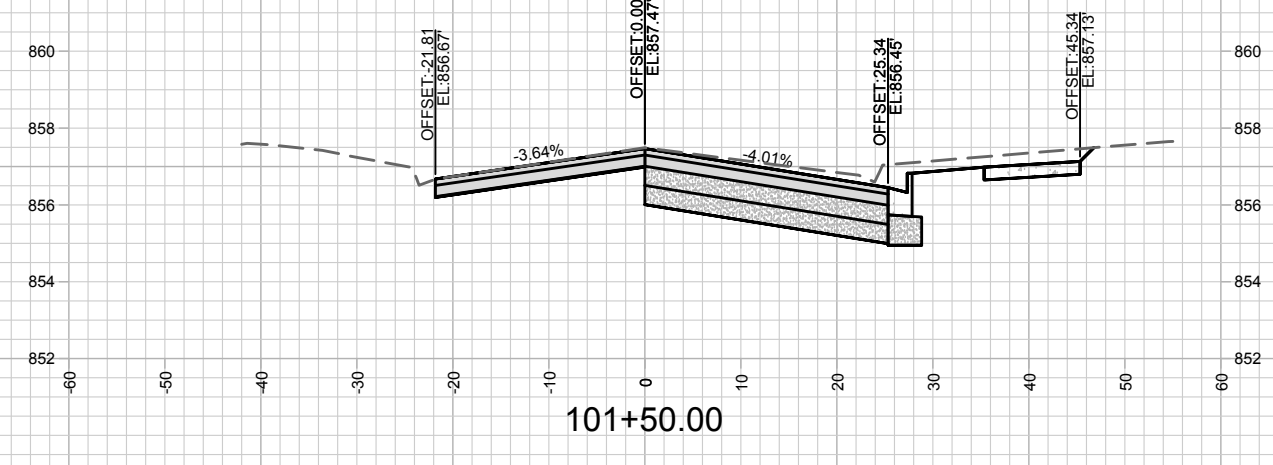
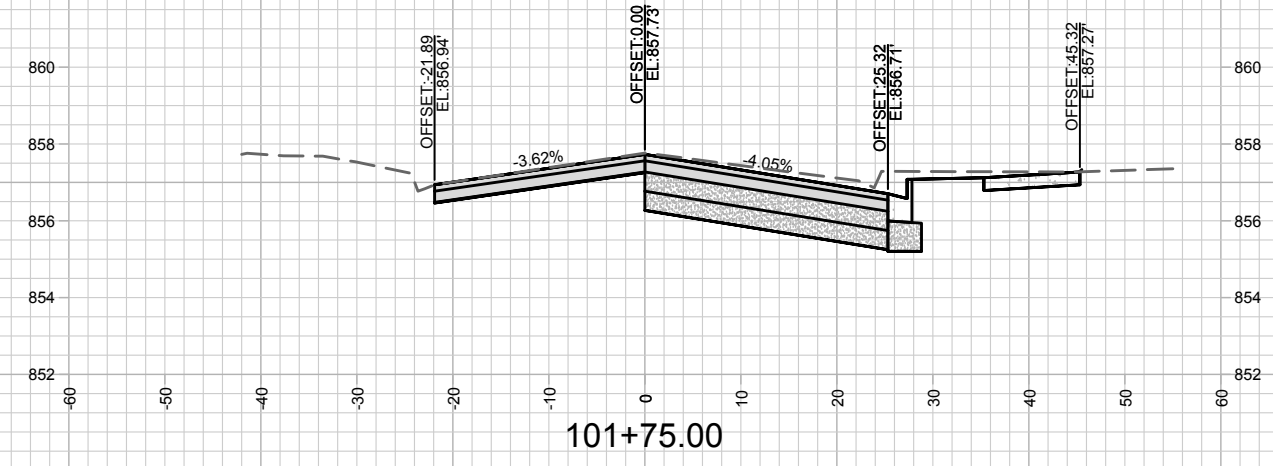
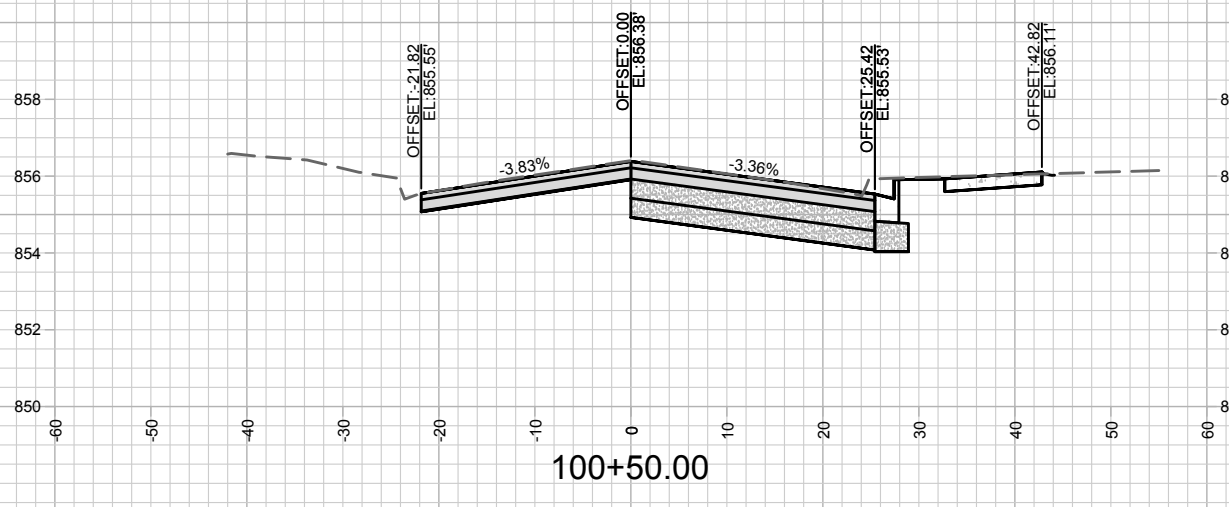
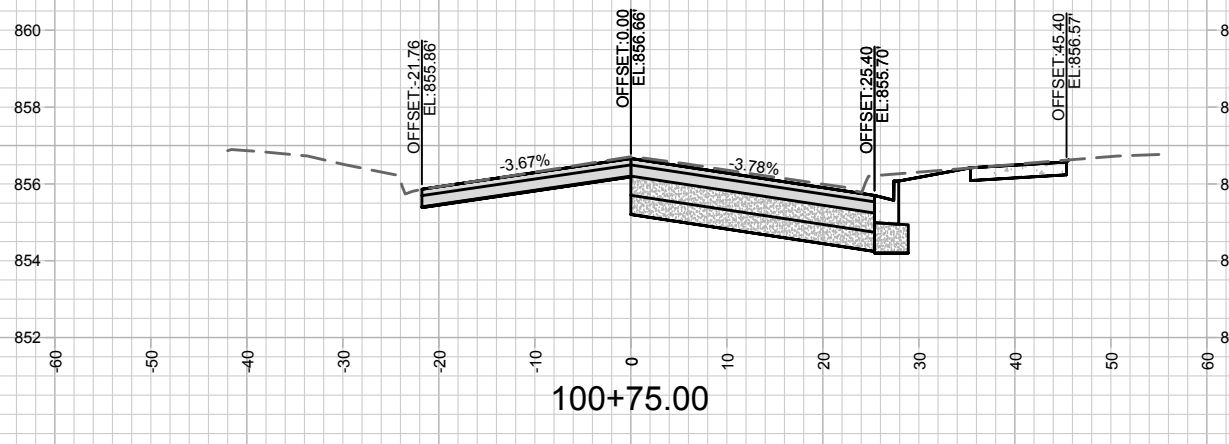
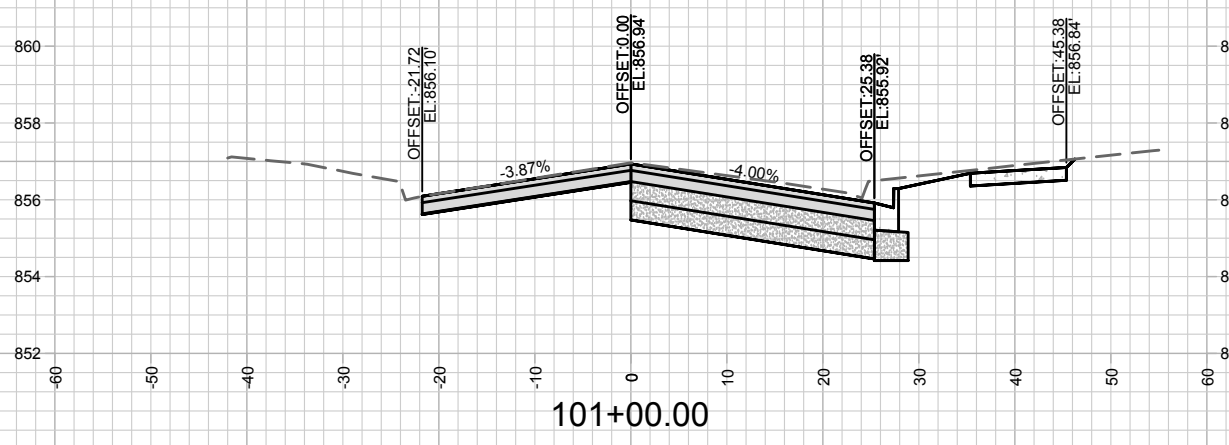


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PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.



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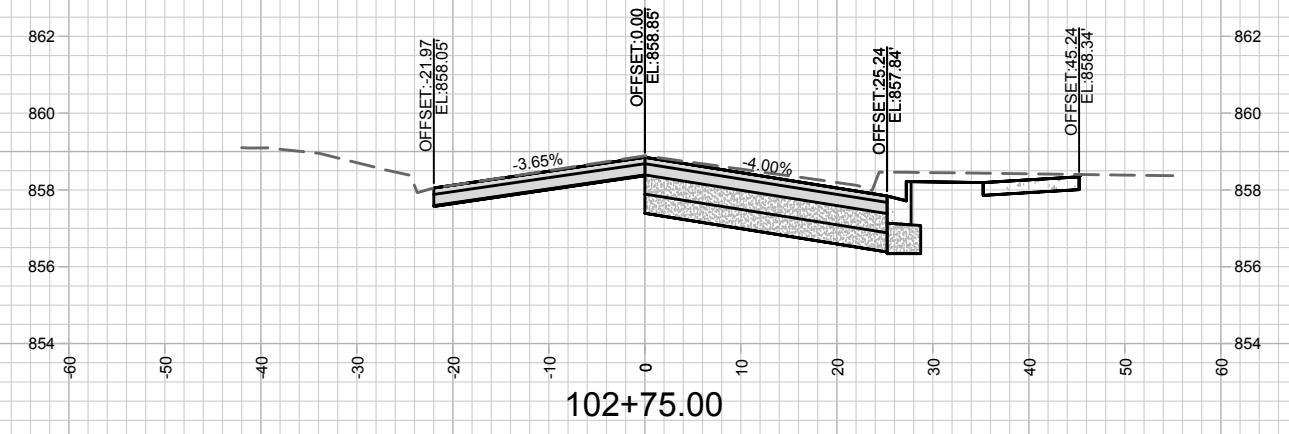
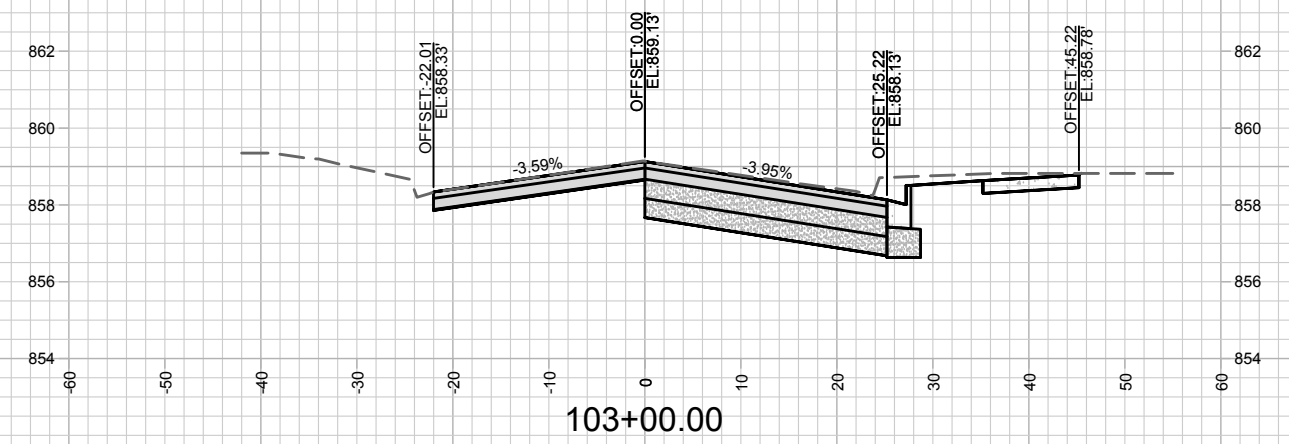
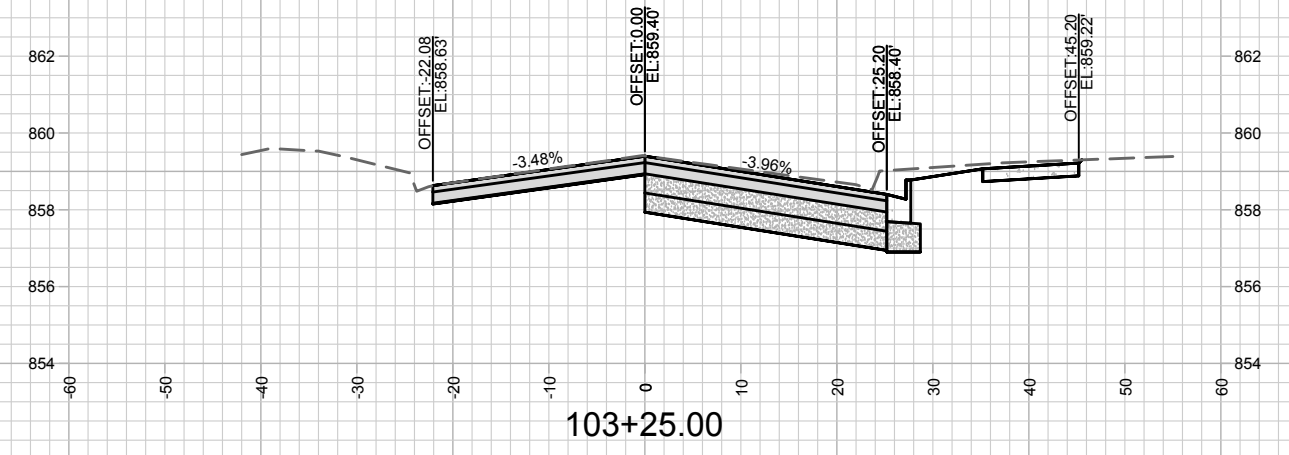
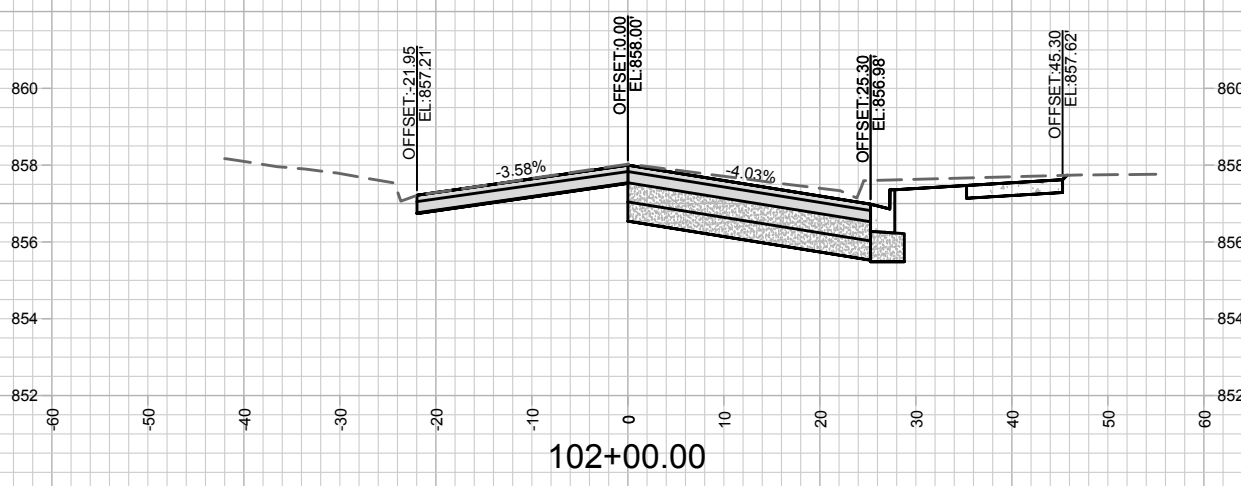
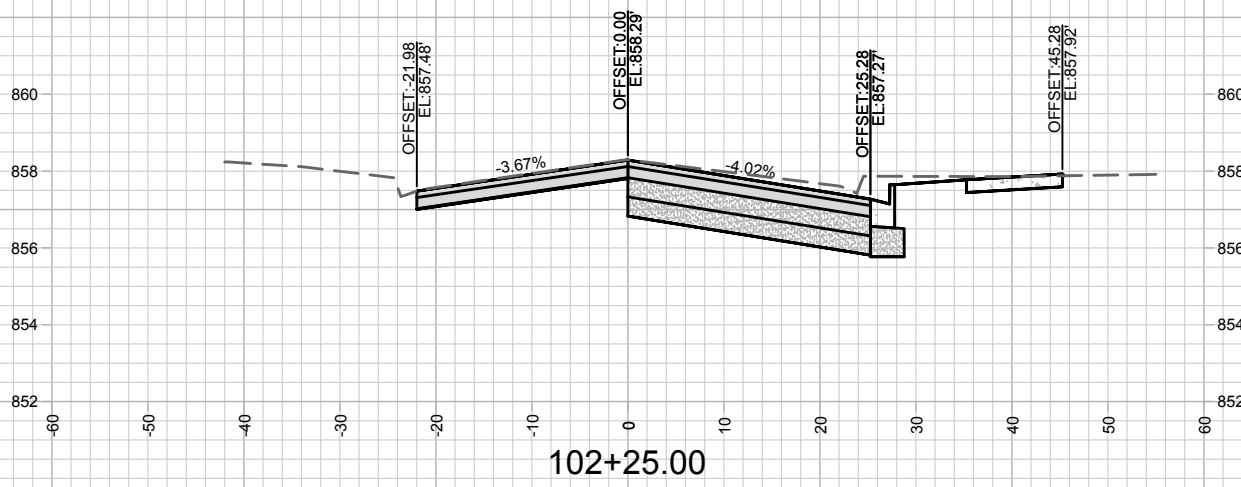
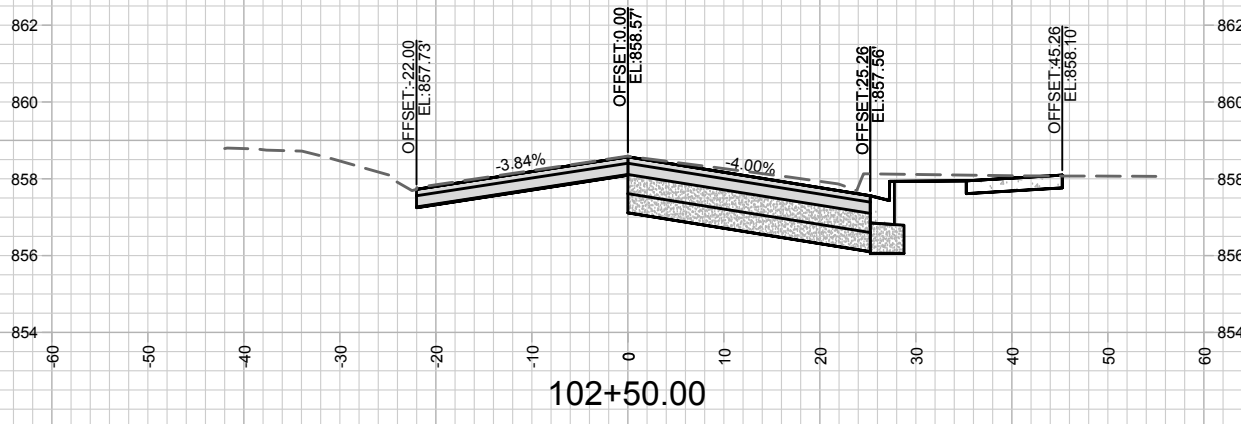
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 10225 X-1


10225
 MADISON, WI
 8506
 CONTRACT NO:

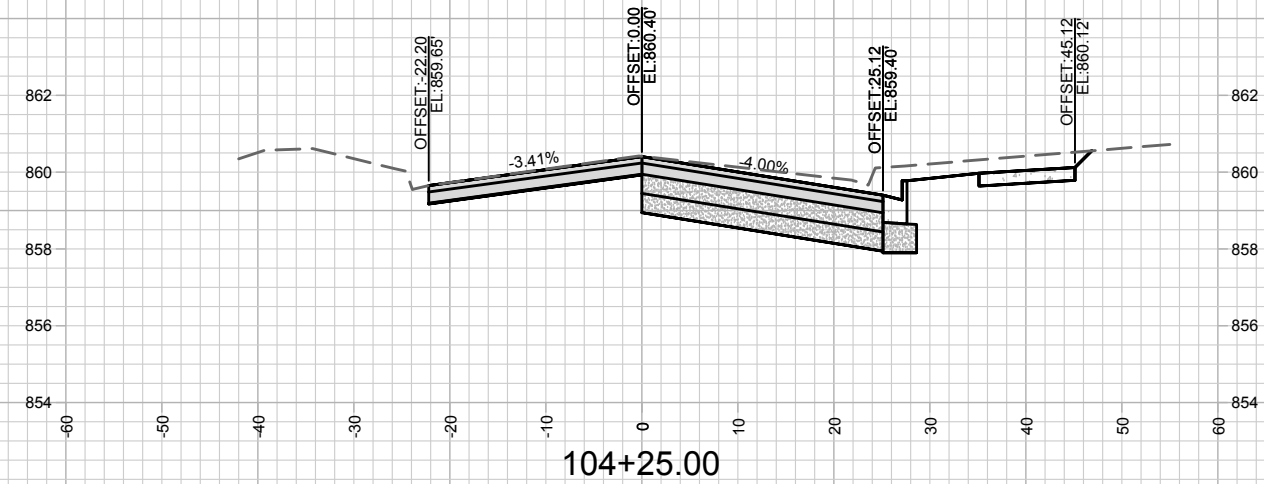
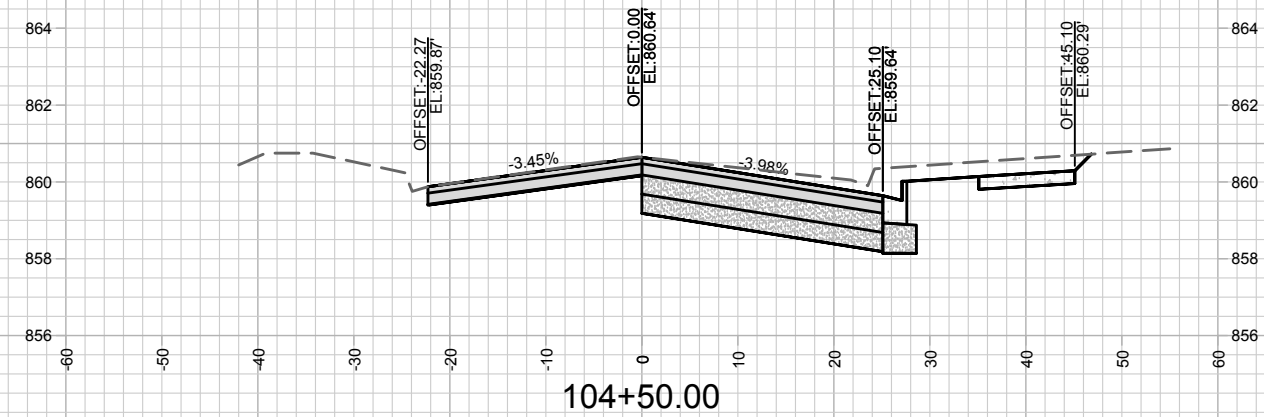
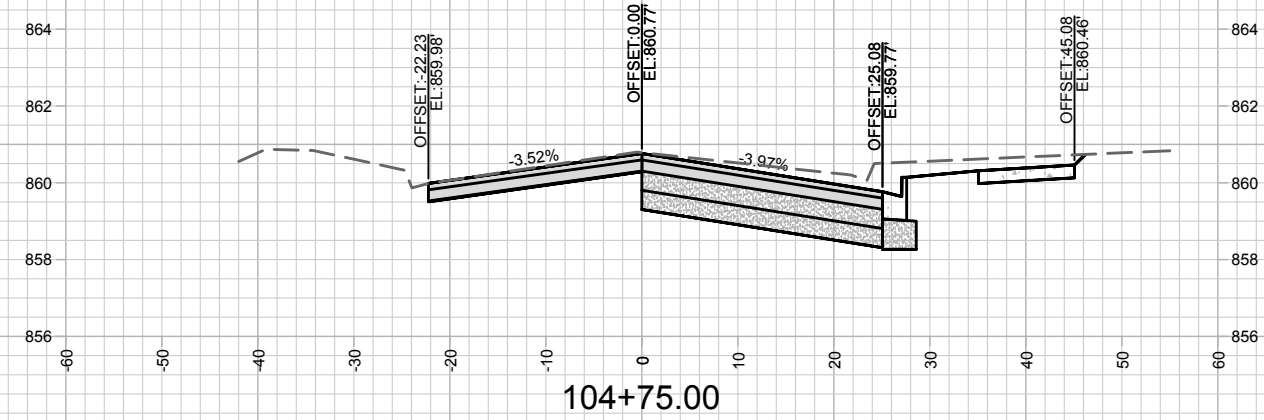
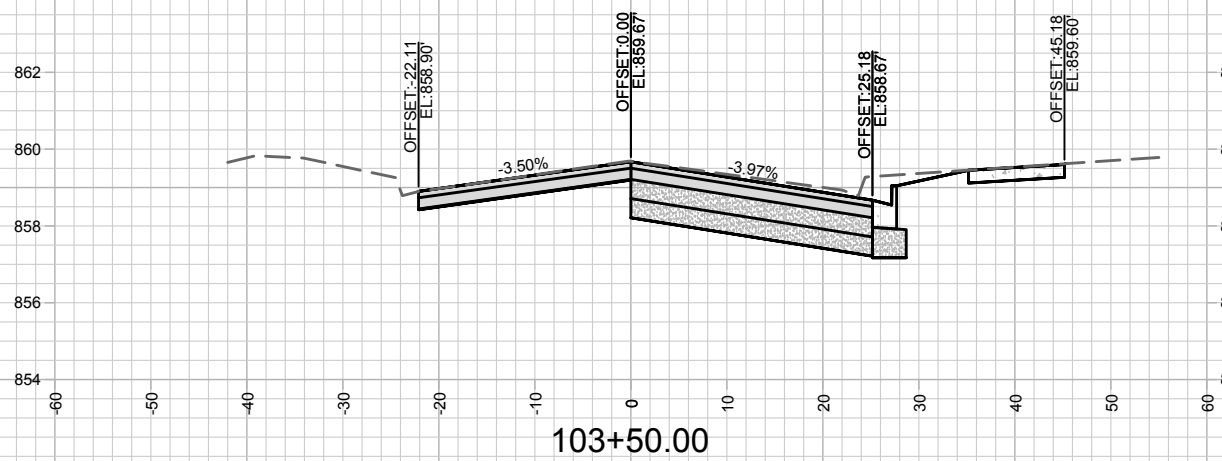
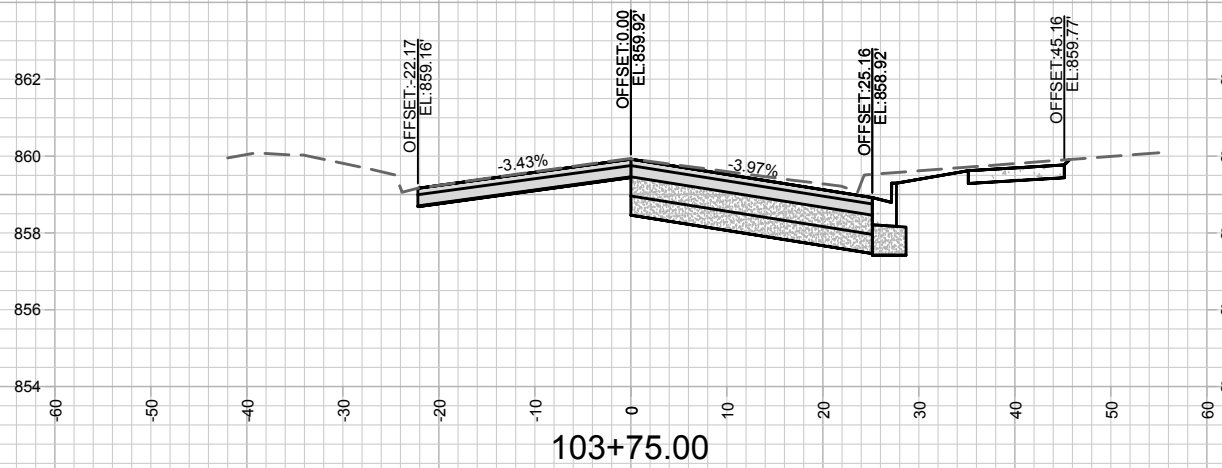
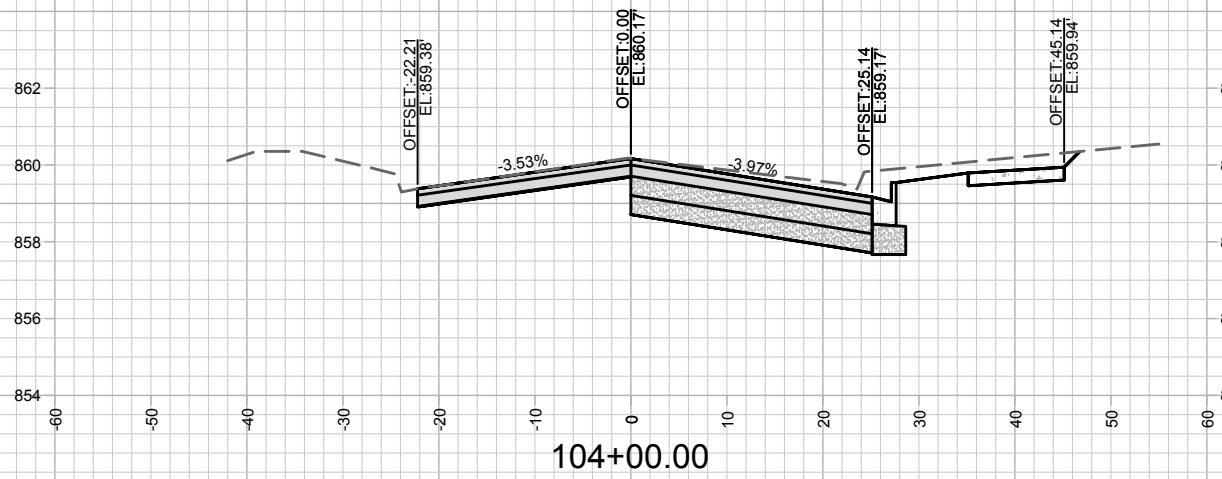
CROSS SECTIONS
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	CROSS SECTIONS 10225 MADISON, WI	10225 8506 CONTRACT NO.:
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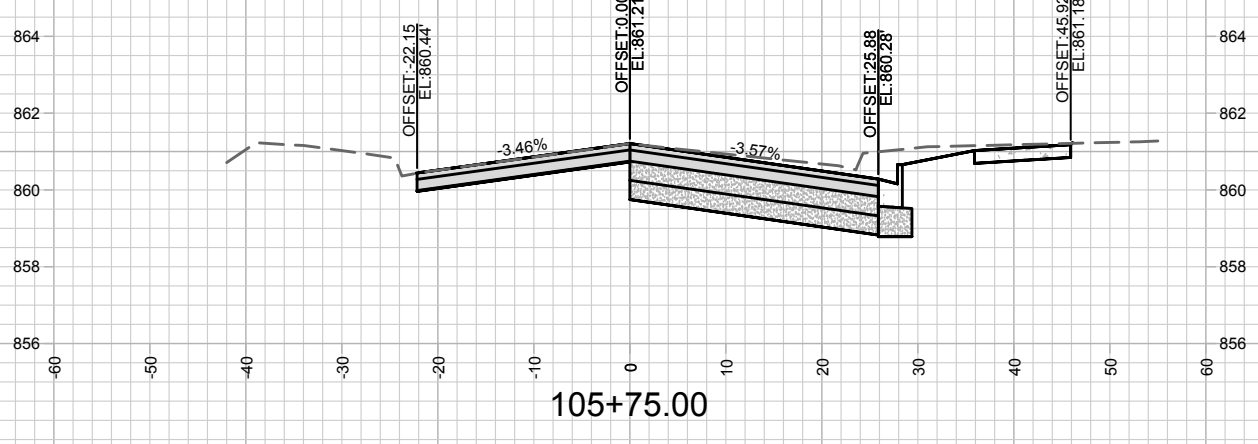
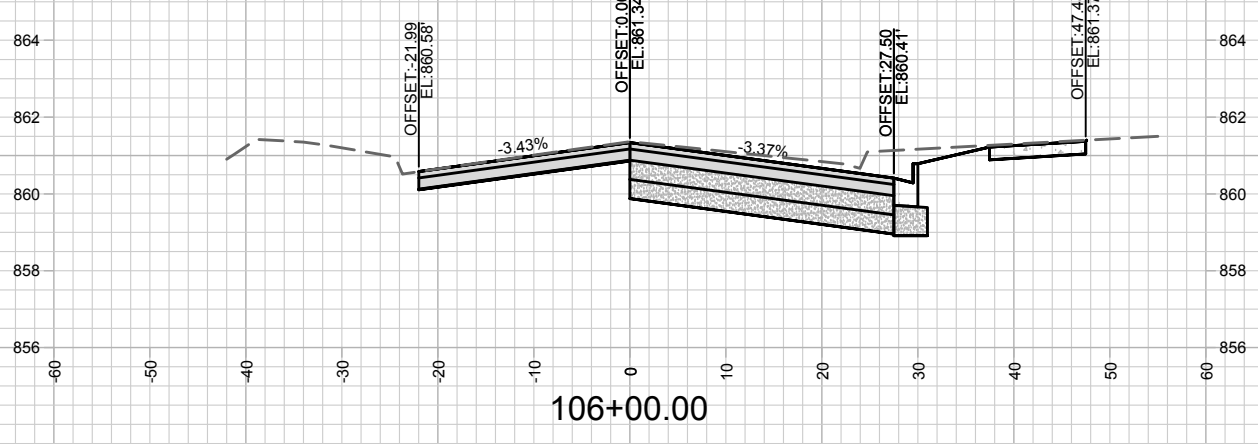
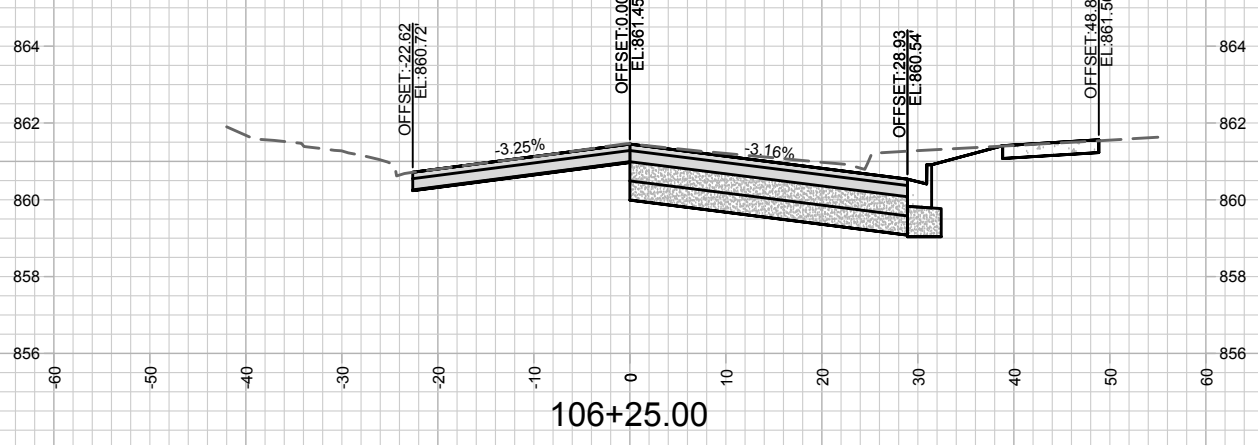
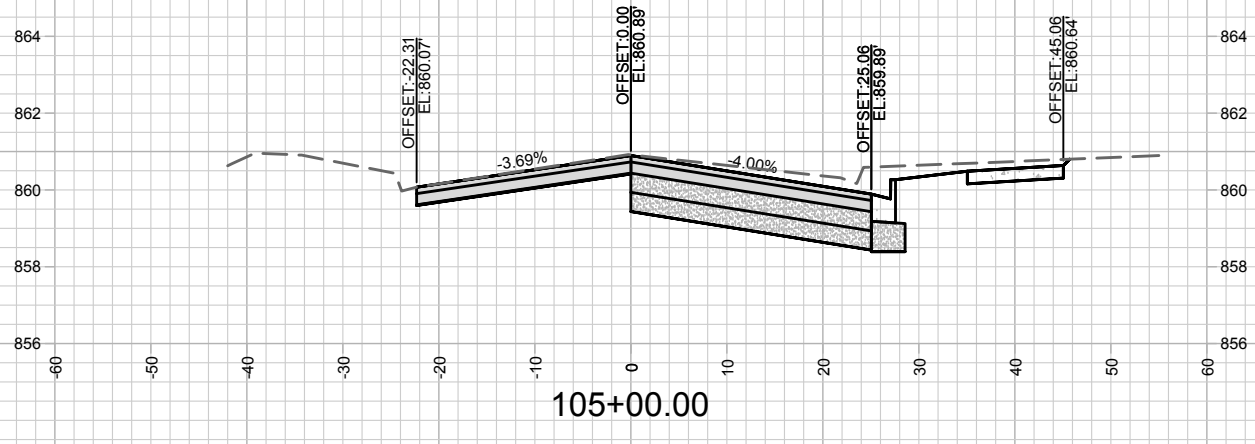
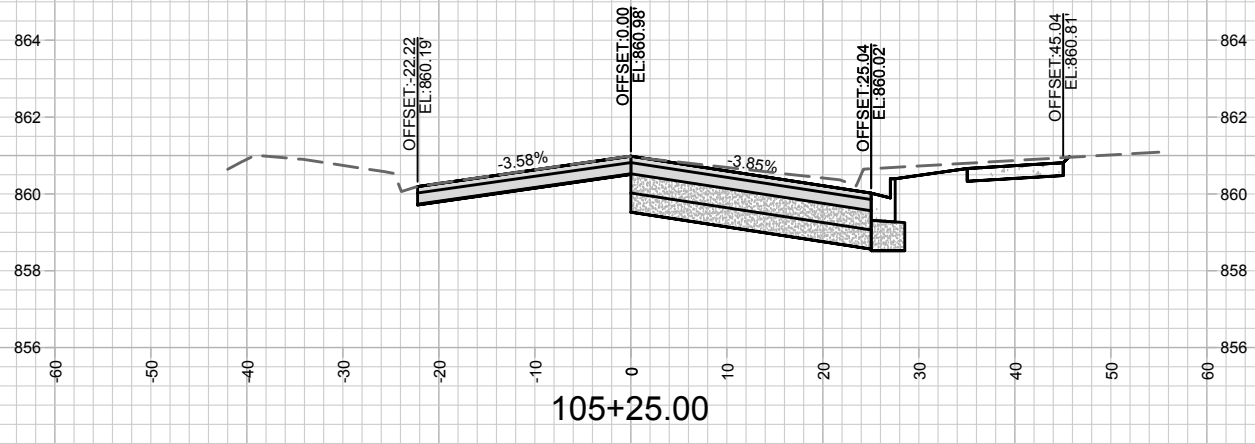
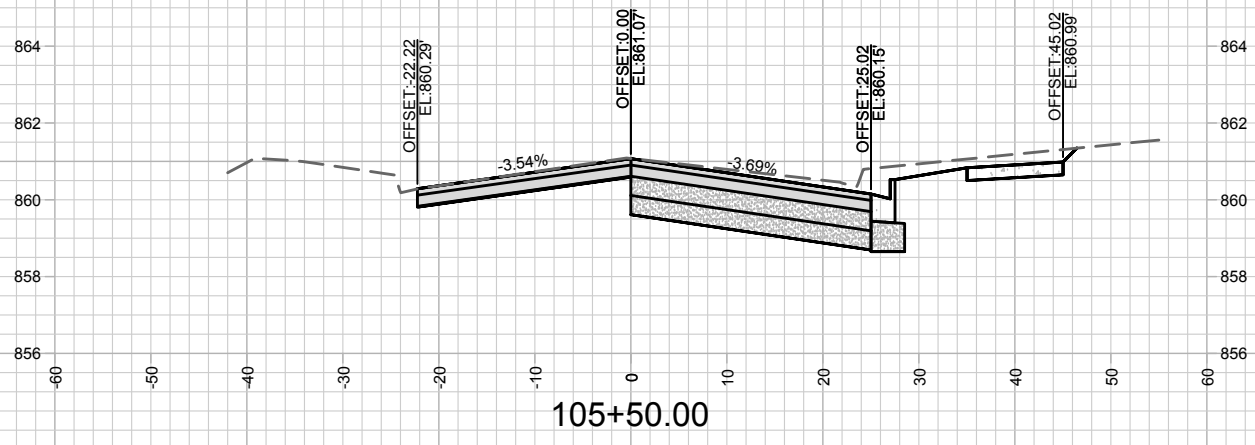
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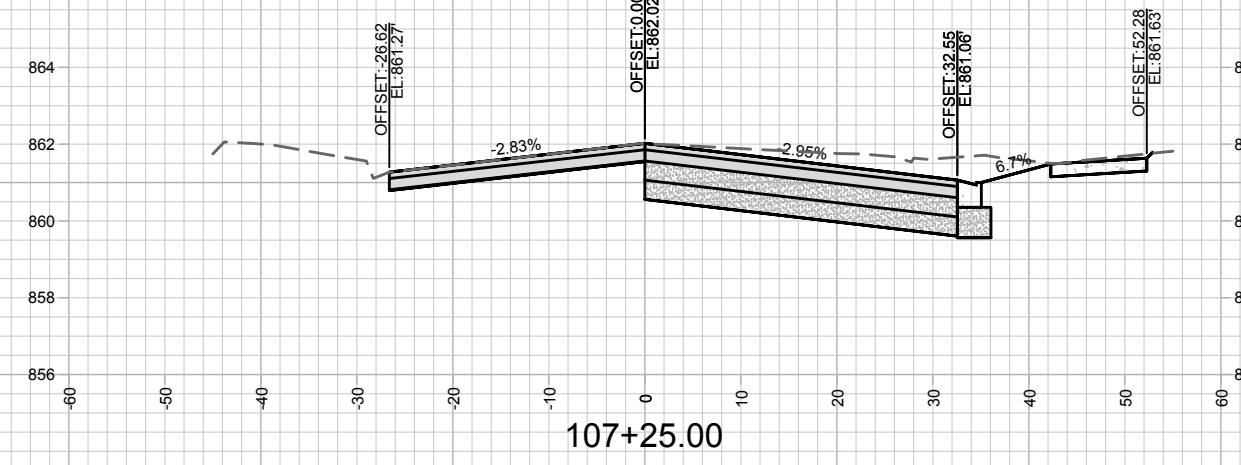
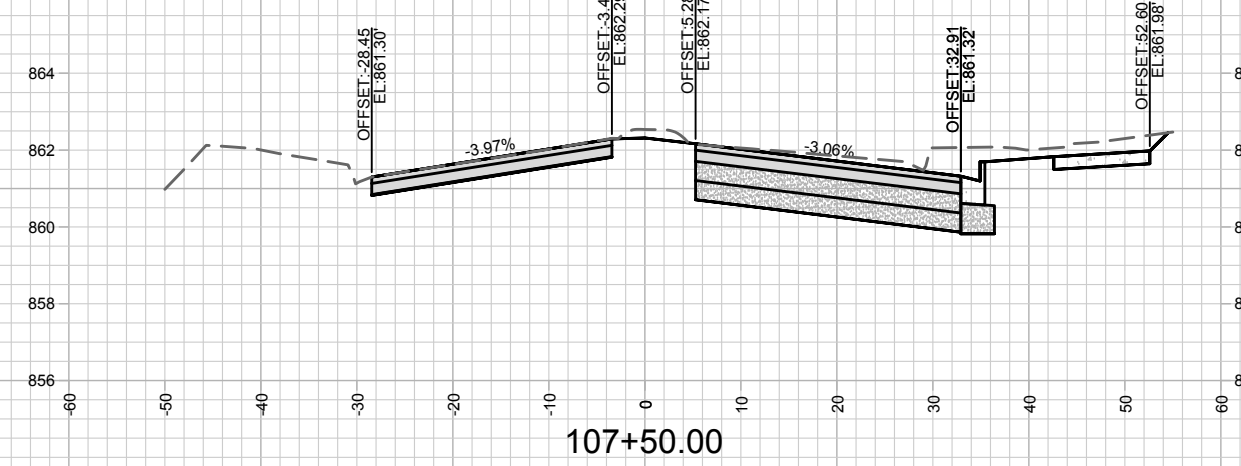
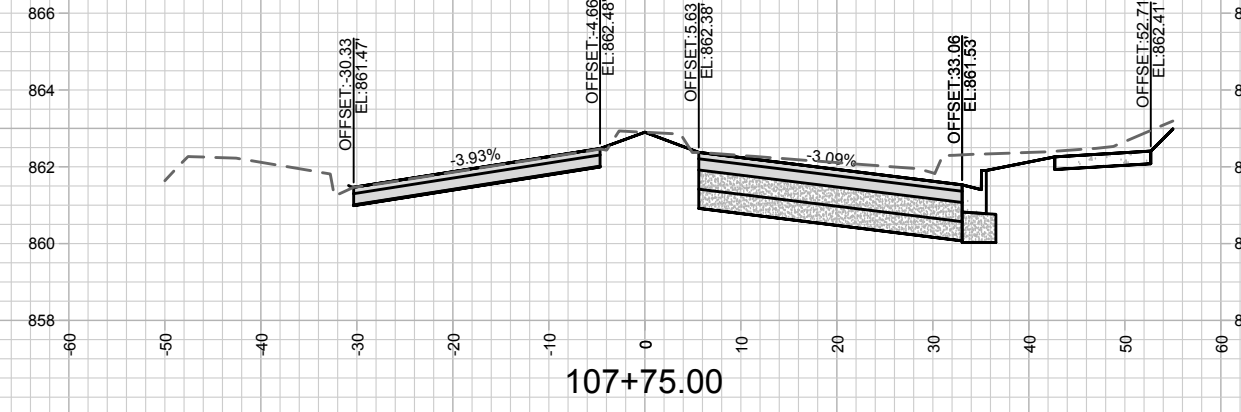
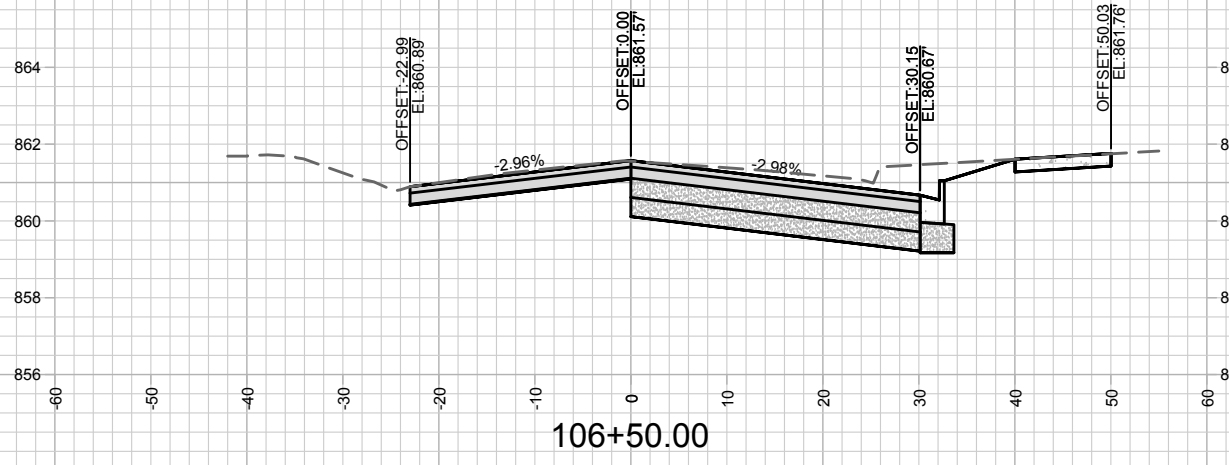
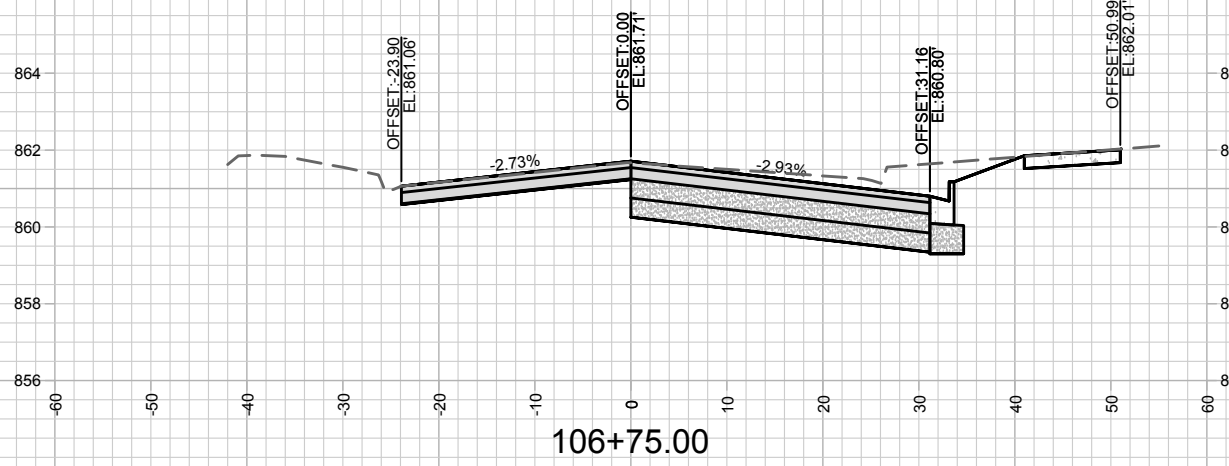
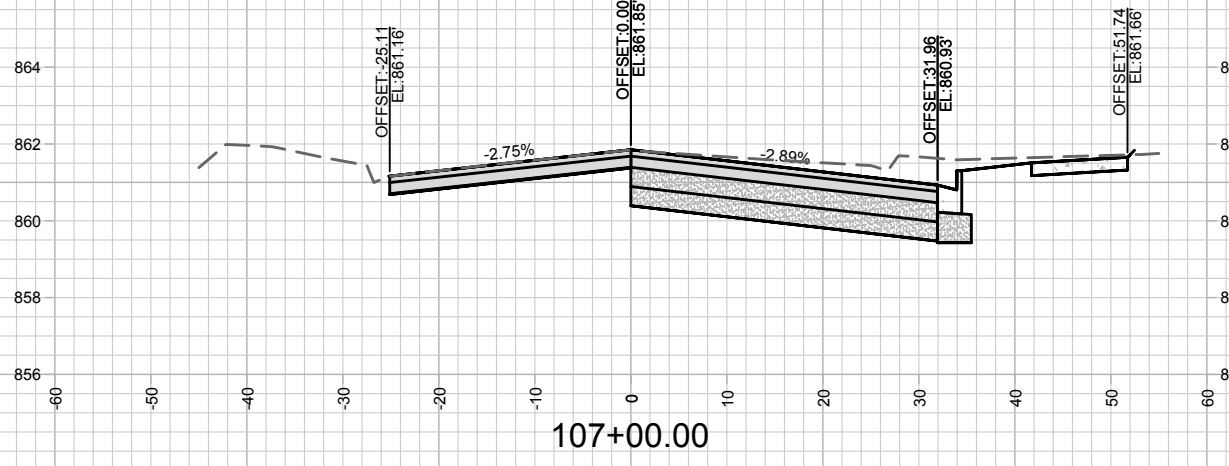
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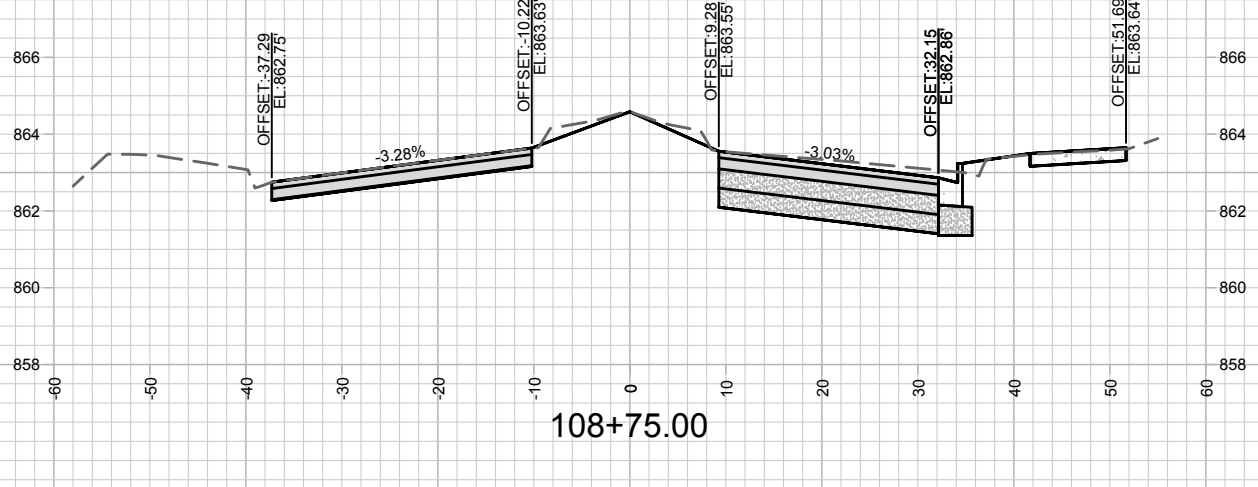
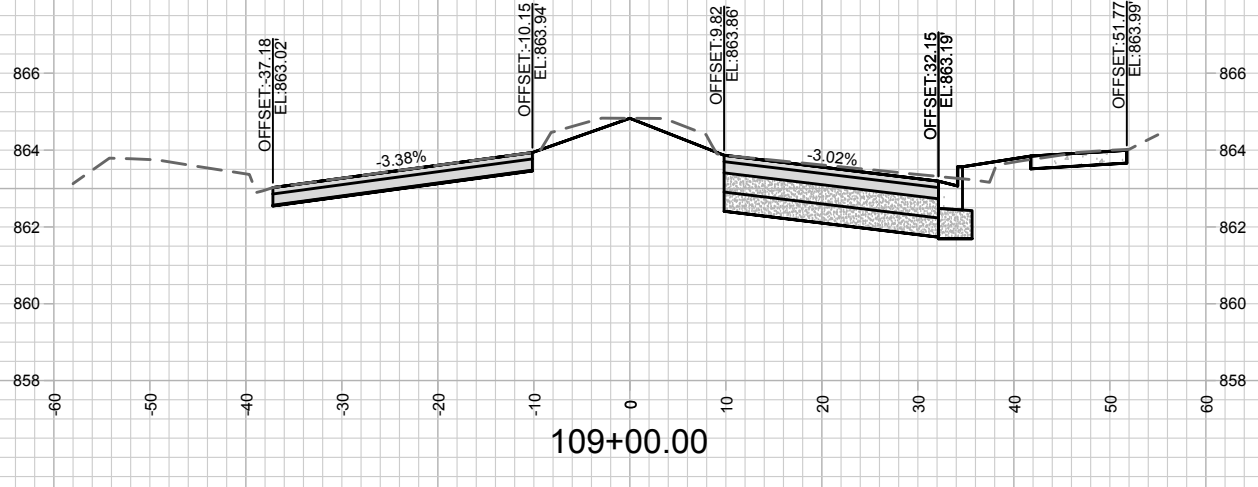
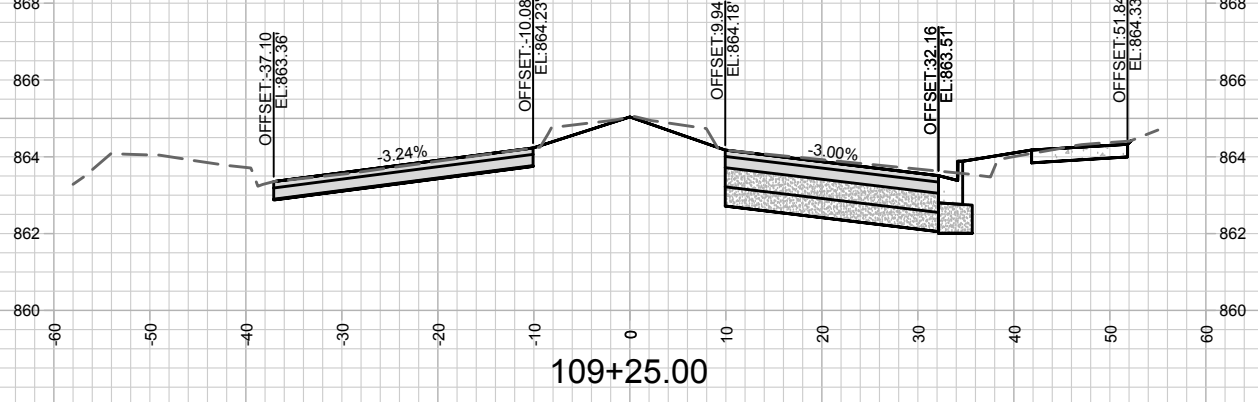
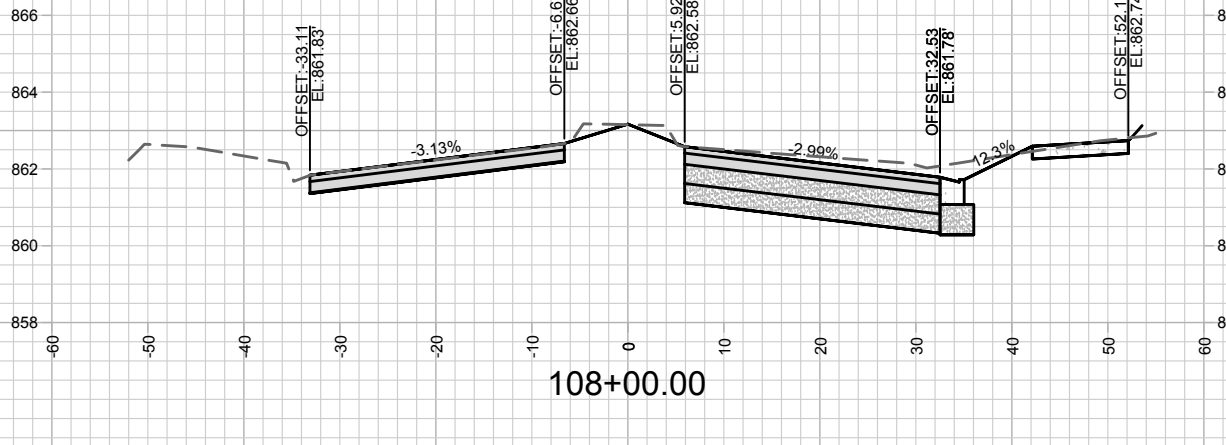
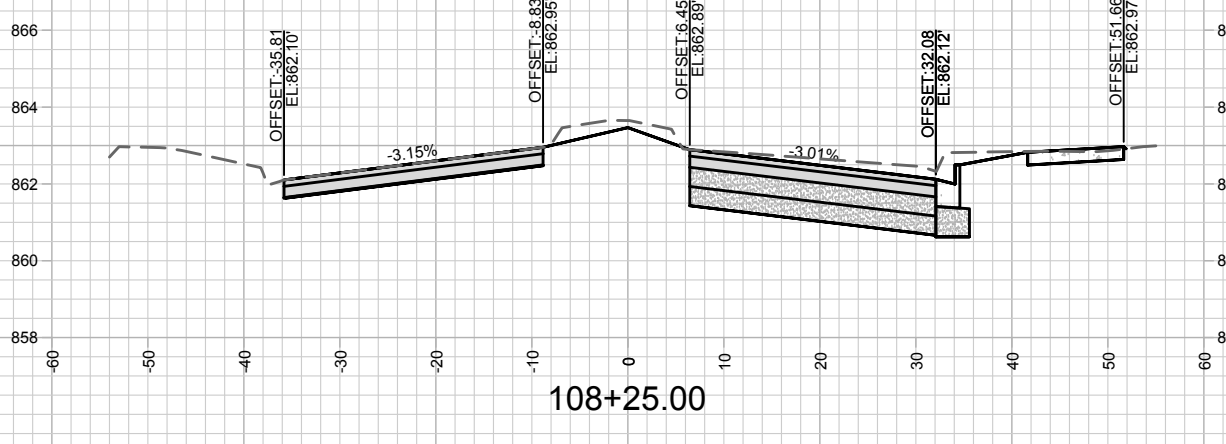
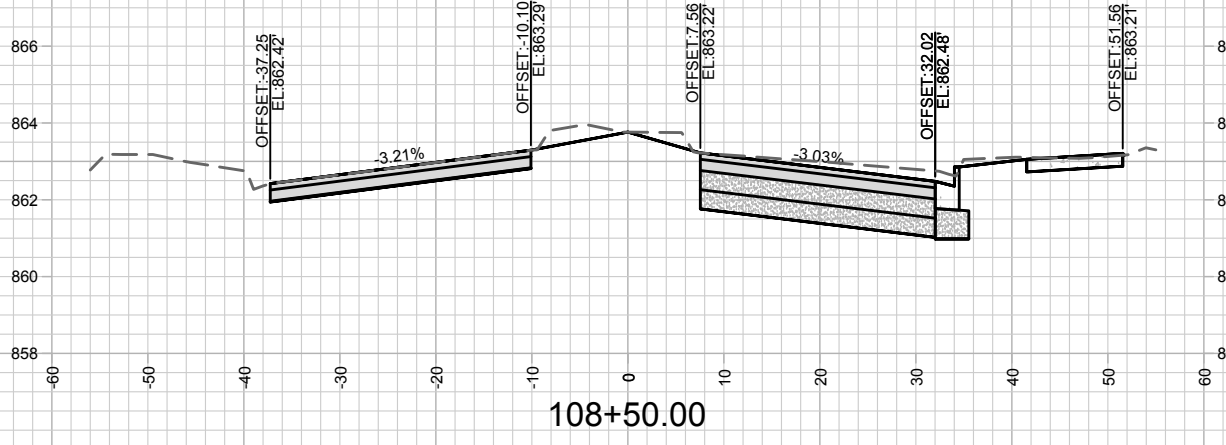
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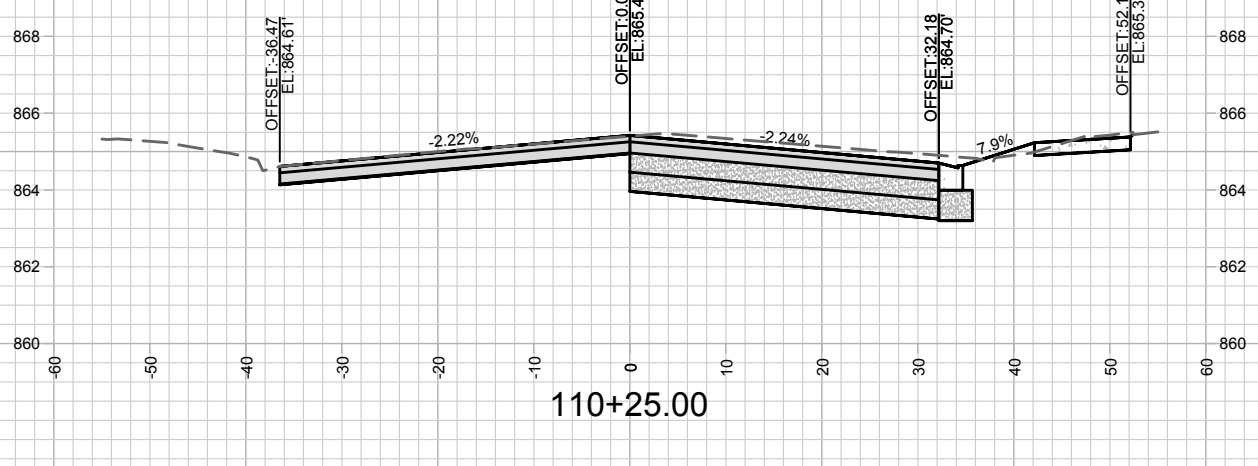
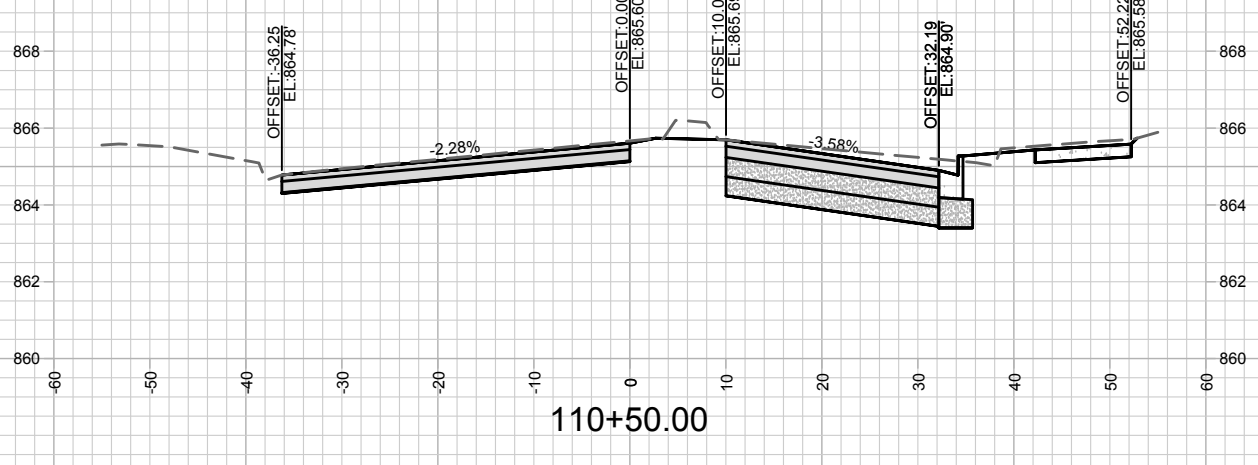
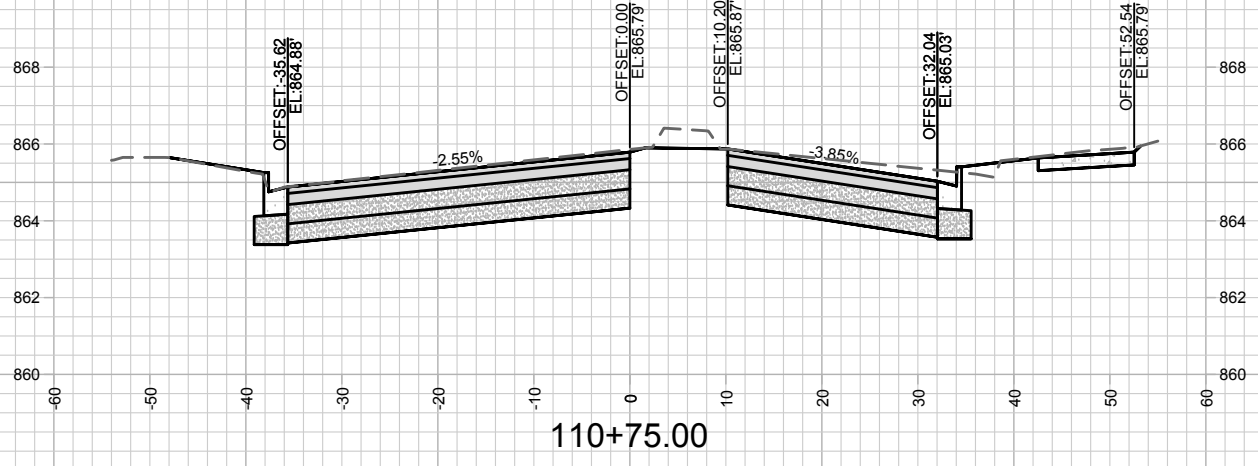
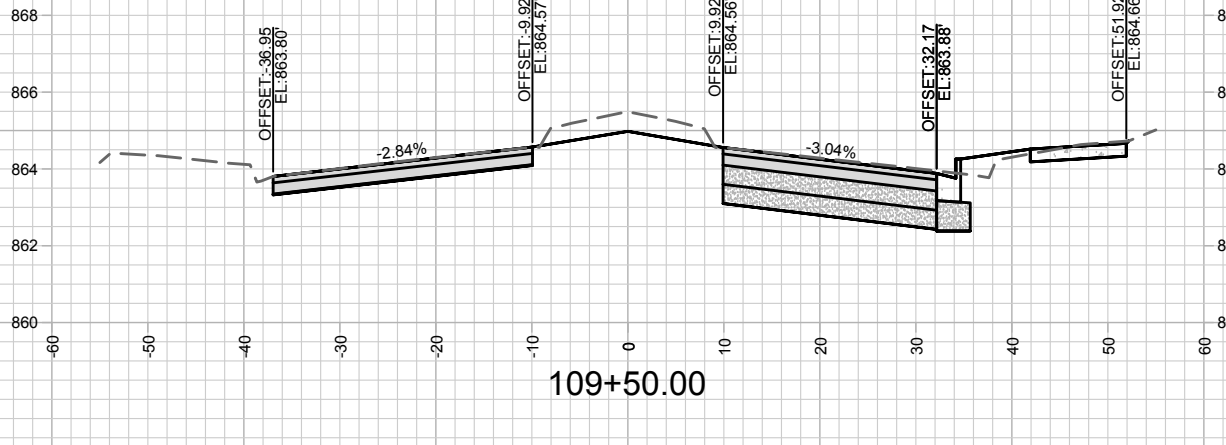
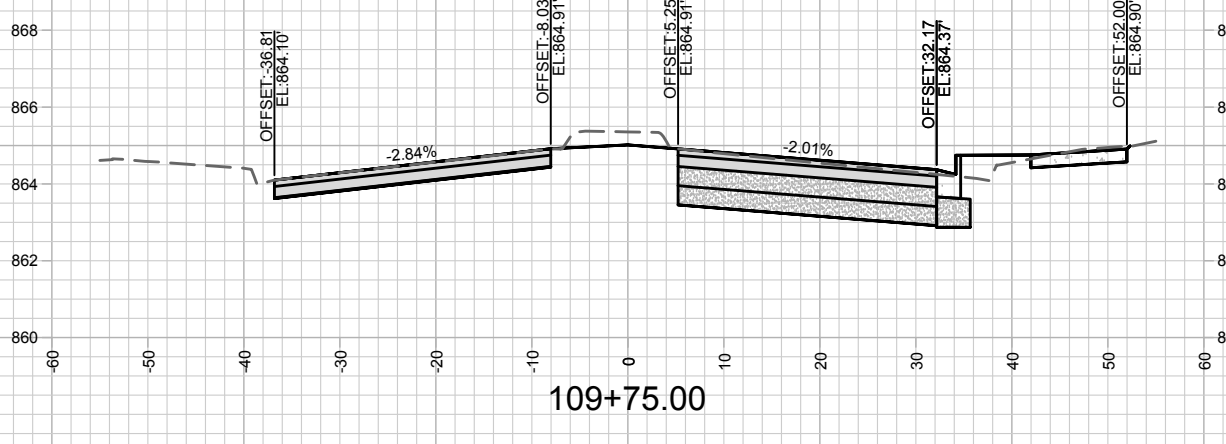
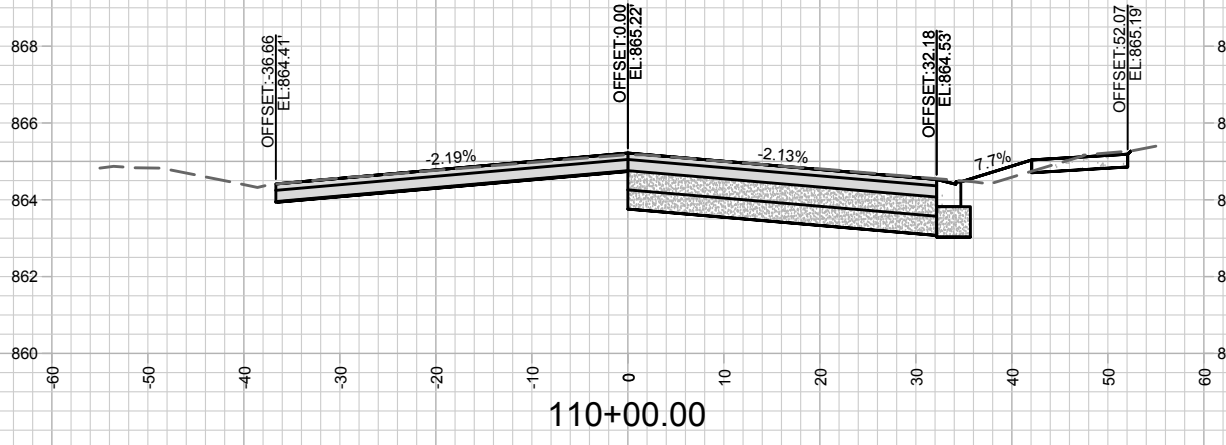
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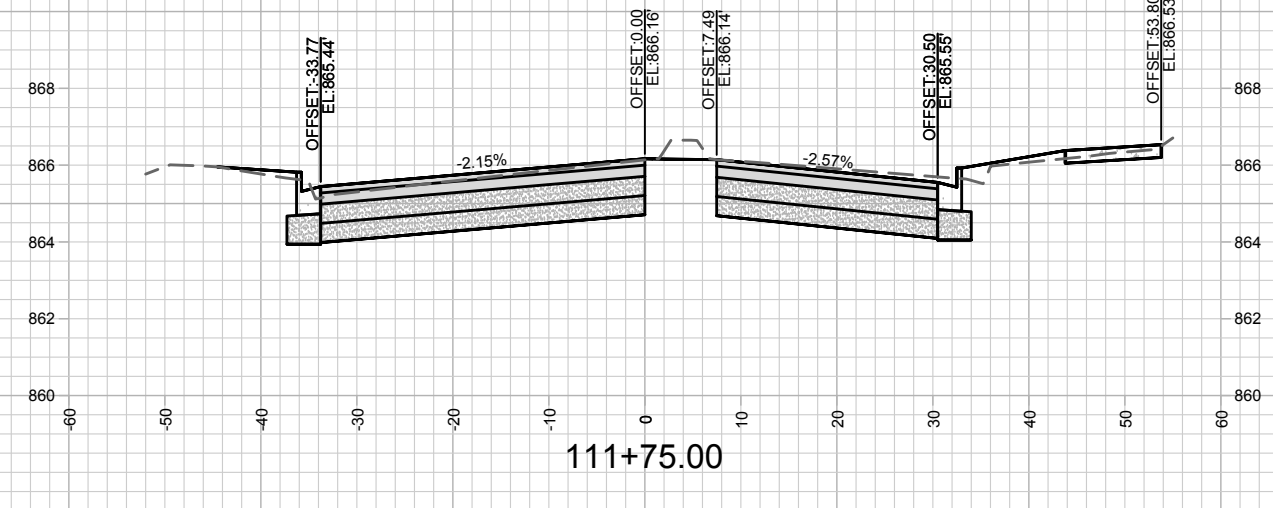
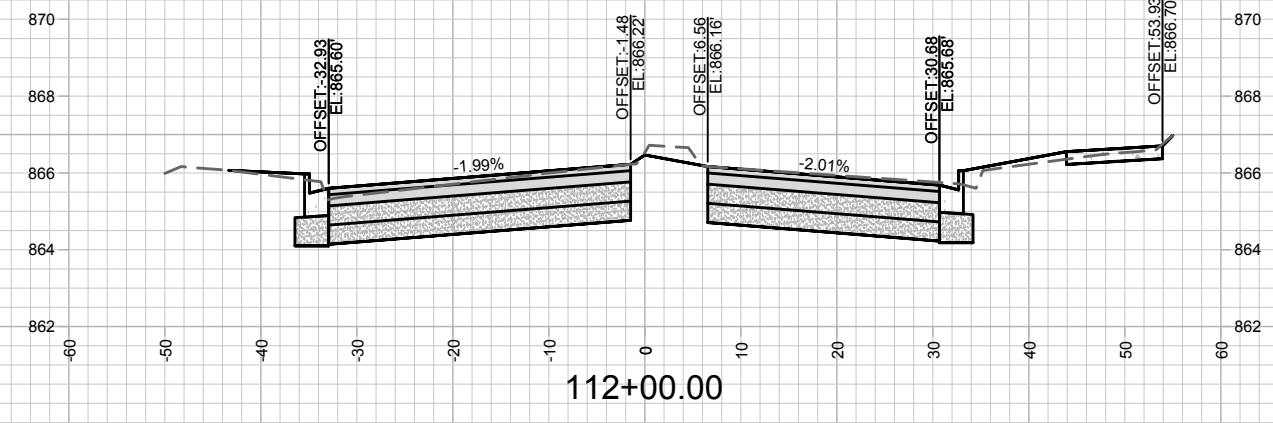
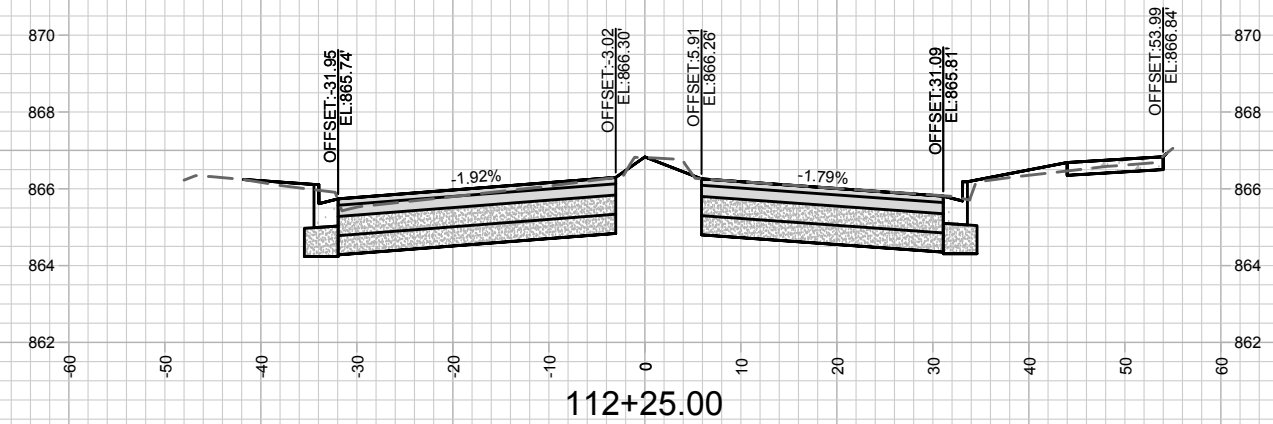
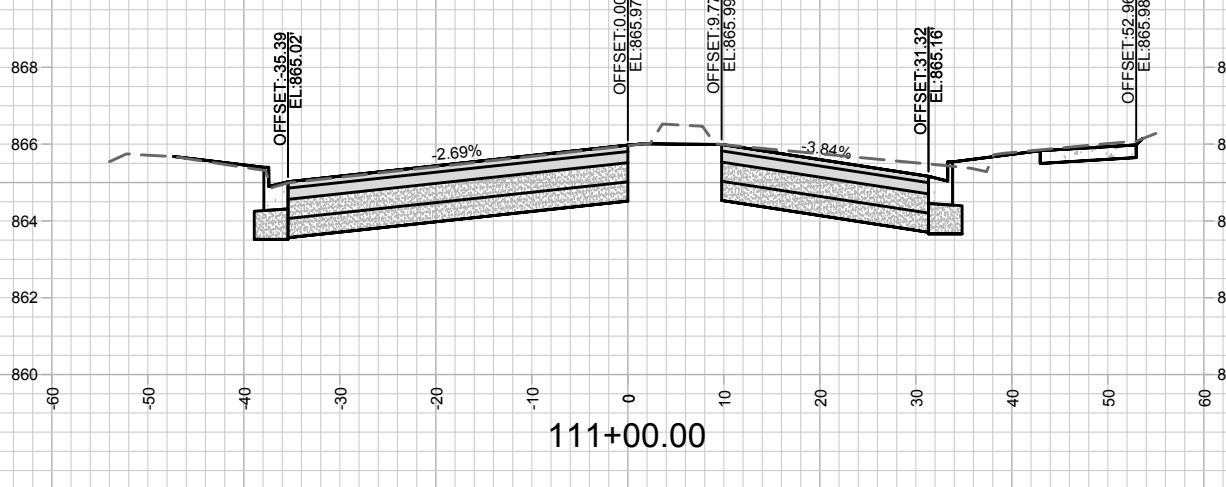
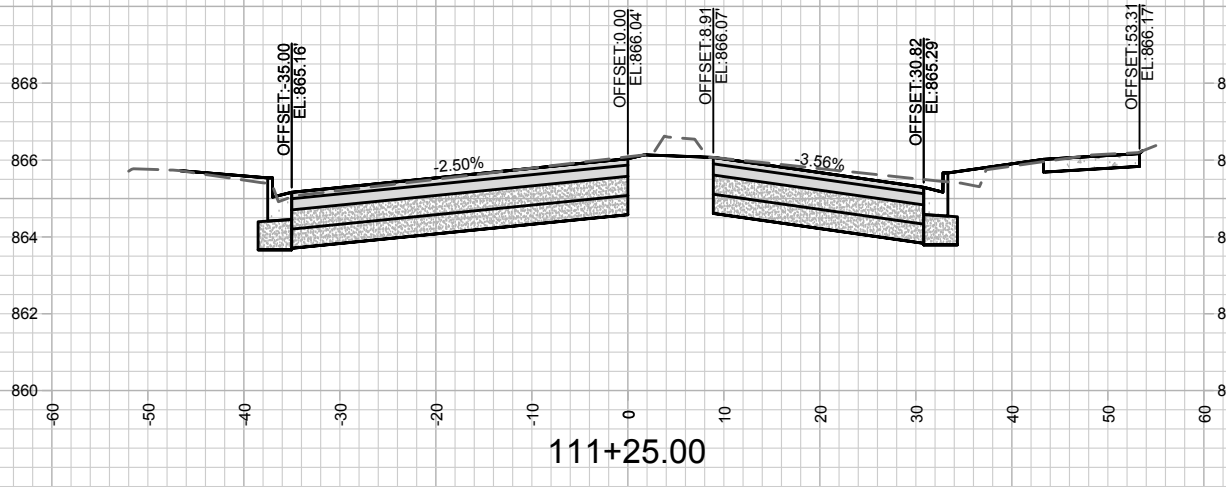
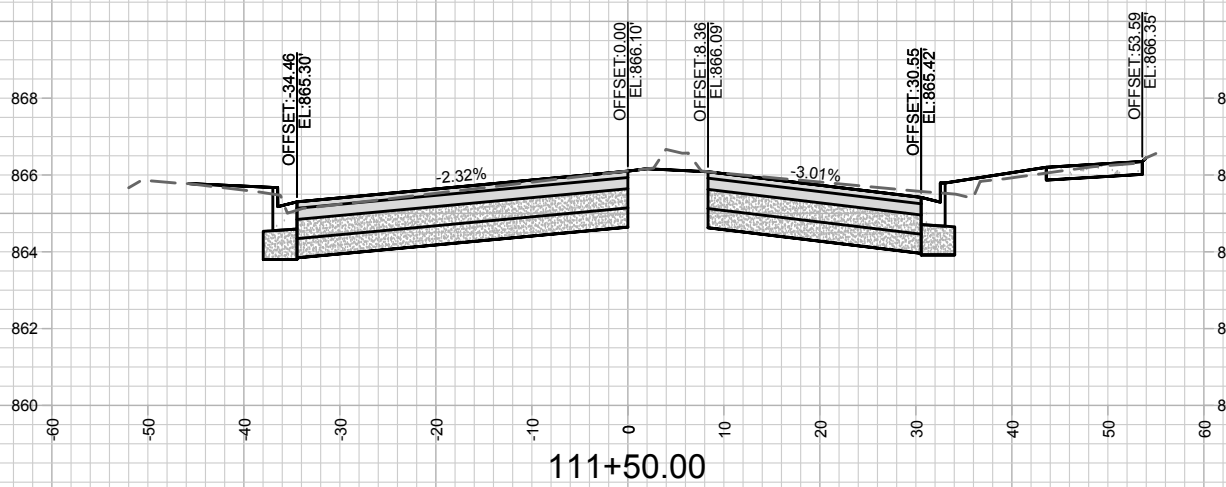
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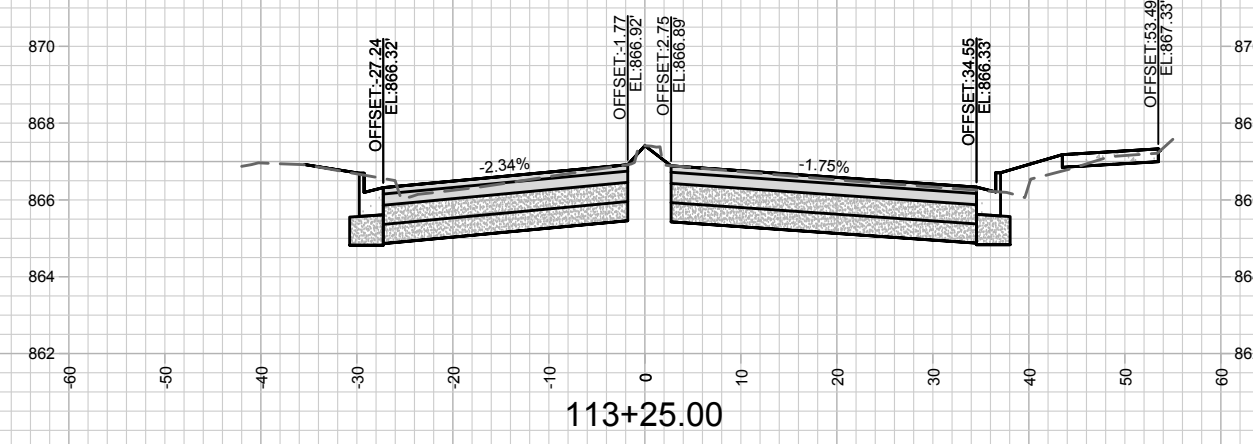
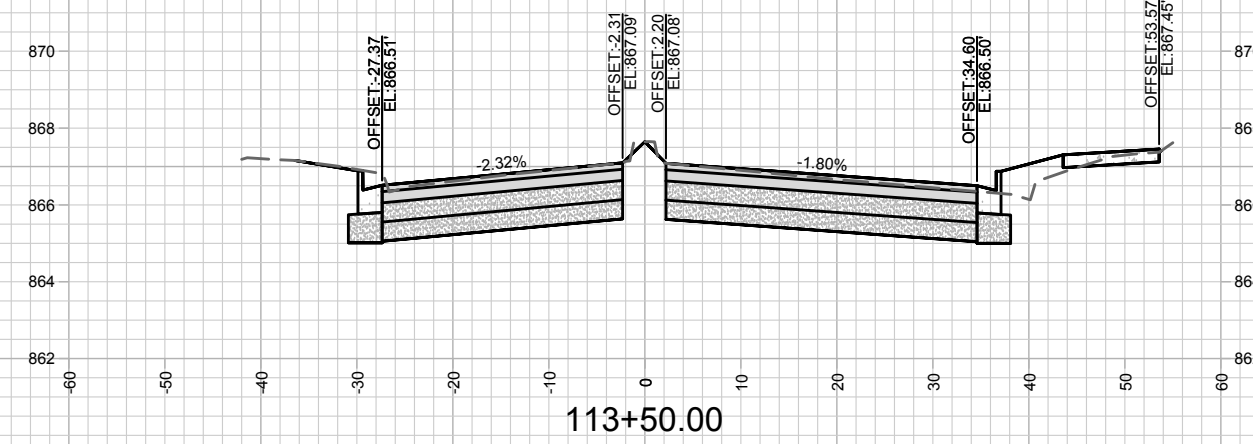
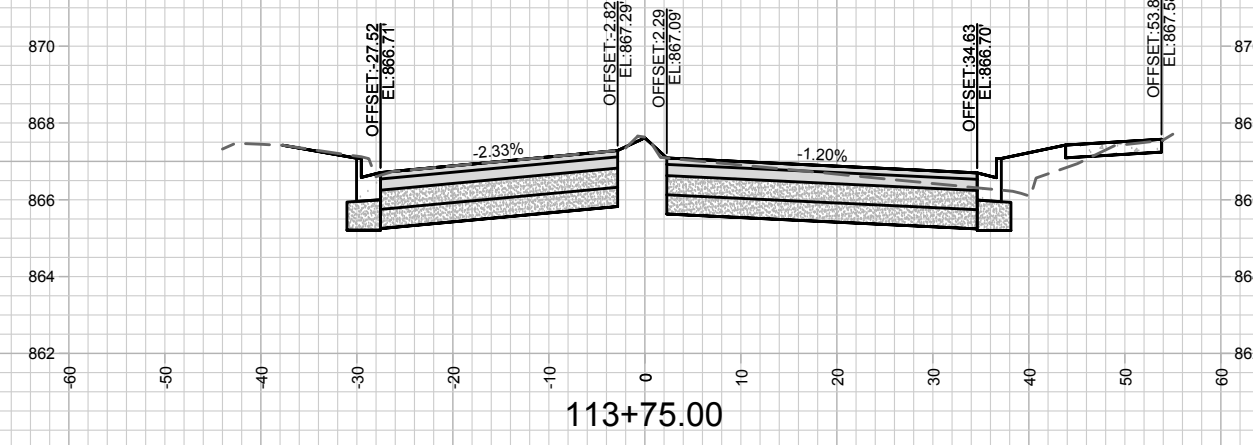
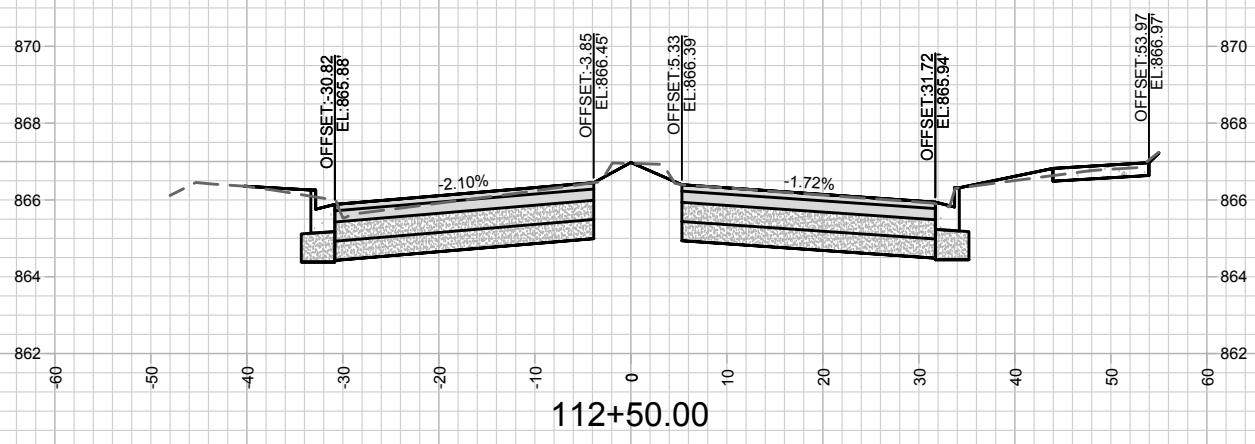
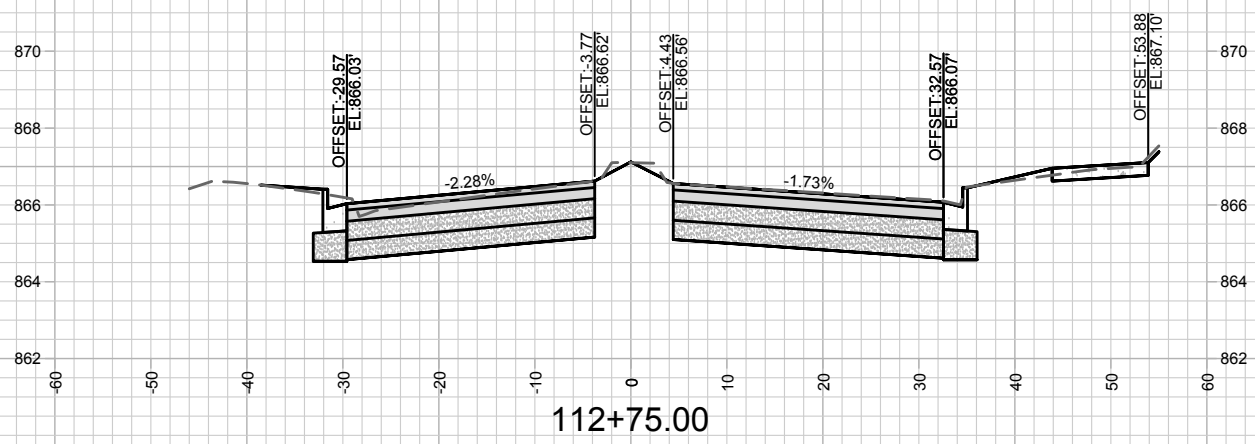
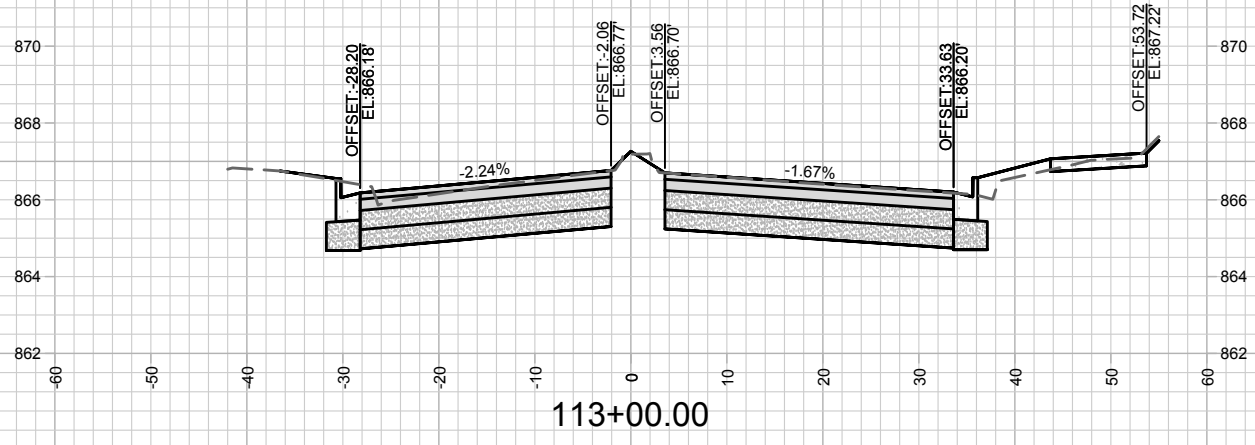
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 ANDERSON STREET RESURFACING ASSESSMENT DISTRICT-2020
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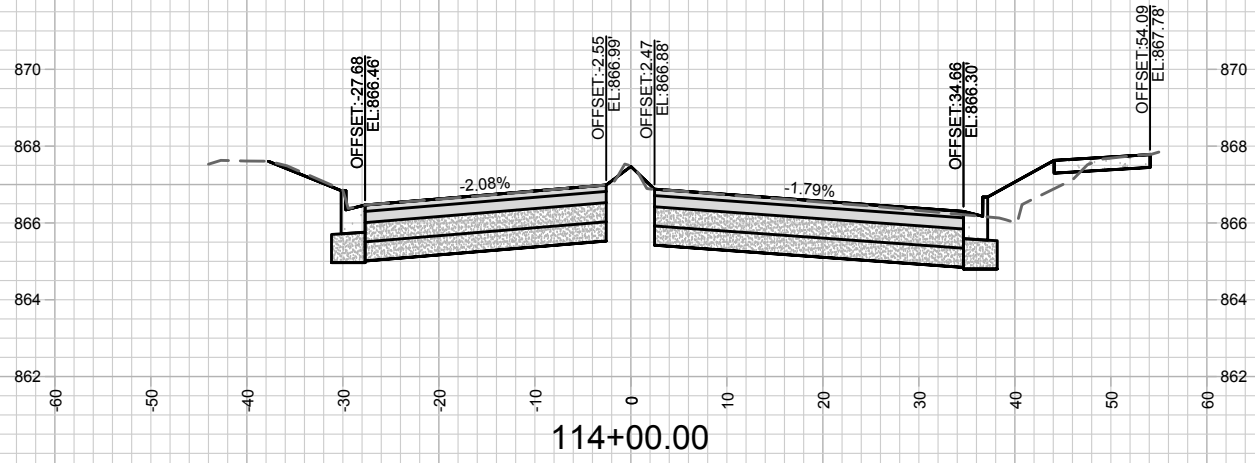
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