



Madison, Wisconsin

CITY OF MADISON

CITY ENGINEERING DIVISION

DEPARTMENT OF PUBLIC WORKS

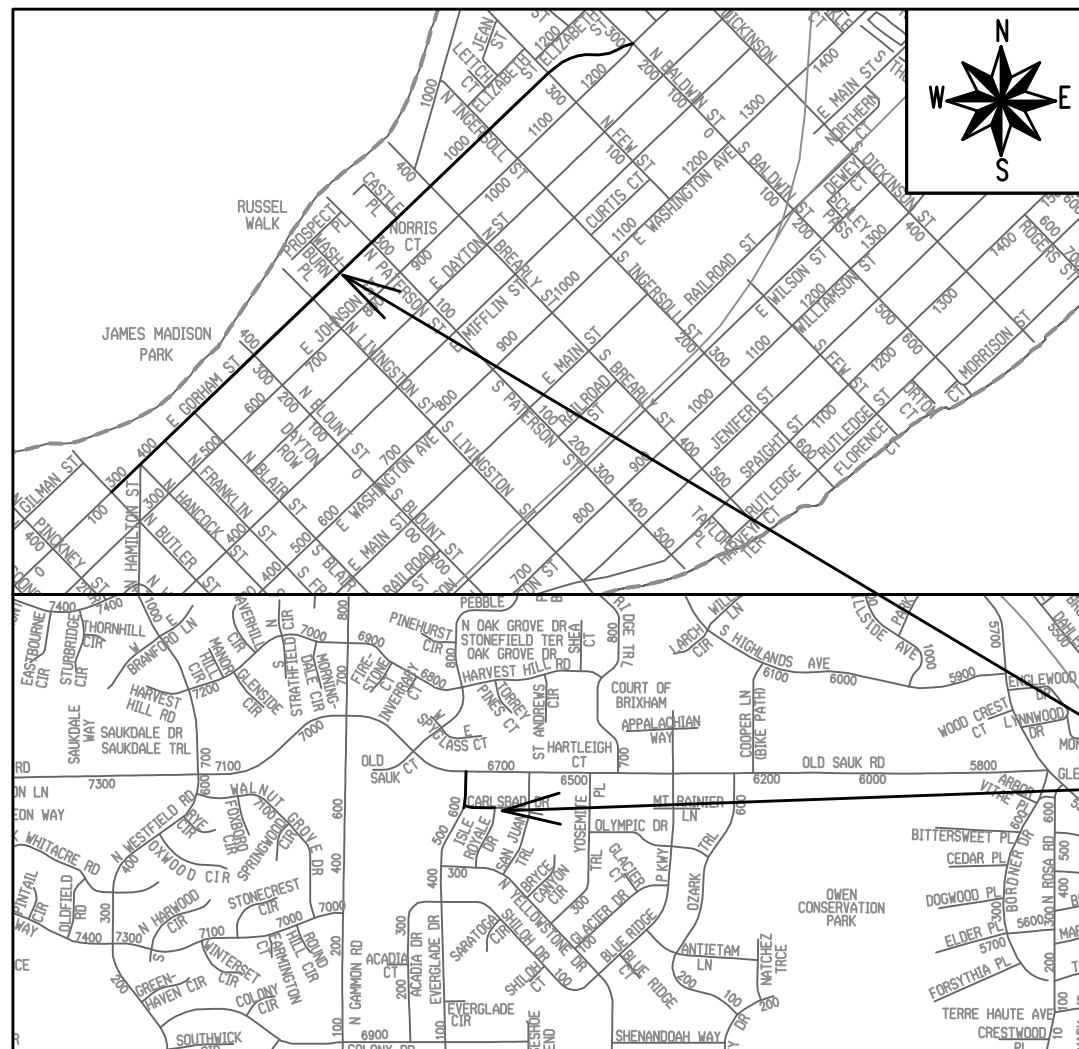
PLAN OF PROPOSED IMPROVEMENT

INDEX OF SHEETS

SHEET NO.	TITLE
SHEET NO. 1	TITLE
SHEET NO. D1	GORHAM TYPICAL SECTIONS & DETAILS
SHEET NO. EC1-EC4	GORHAM EROSION CONTROL PLANS
SHEET NO. EC5-EC6	EVERGLADE EROSION CONTROL PLANS
SHEET NO. P1-P7	GORHAM ST. PLANS & PROFILES
SHEET NO. U1-U4	GORHAM STORM SEWER PLAN & PROFILES
SHEET NO. U5	GORHAM SEWER SCHEDULE
SHEET NO. U6-U7	EVERGLADE STORM SEWER PLAN & PROFILES
SHEET NO. U8	EVERGLADE SEWER SCHEDULE
SHEET NO. X1-X18	GORHAM ST. CROSS SECTIONS

RESURFACING 2021 - ASSESSMENT DISTRICT

E. GORHAM ST. & EVERGLADE DR. LOCATIONS
 CITY PROJECT NO. 13253
 CONTRACT NO. 8988 & 8989



PROJECT LOCATIONS

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	
COMBUSTIBLE FLUIDS	

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%.

PUBLIC IMPROVEMENT PROJECT APPROVED

APPROVED DATE: January 19, 2021

BY THE COMMON COUNCIL OF MADISON, WISCONSIN

PUBLIC IMPROVEMENT DESIGN APPROVED BY:

N. Greg Fries

Feb 8, 2021

City Engineer

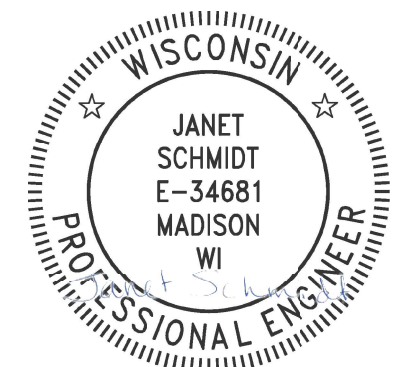
Date

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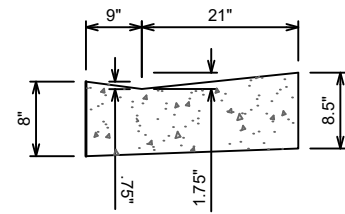


Feb 8, 2021

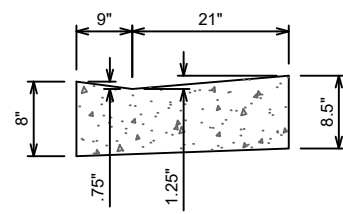
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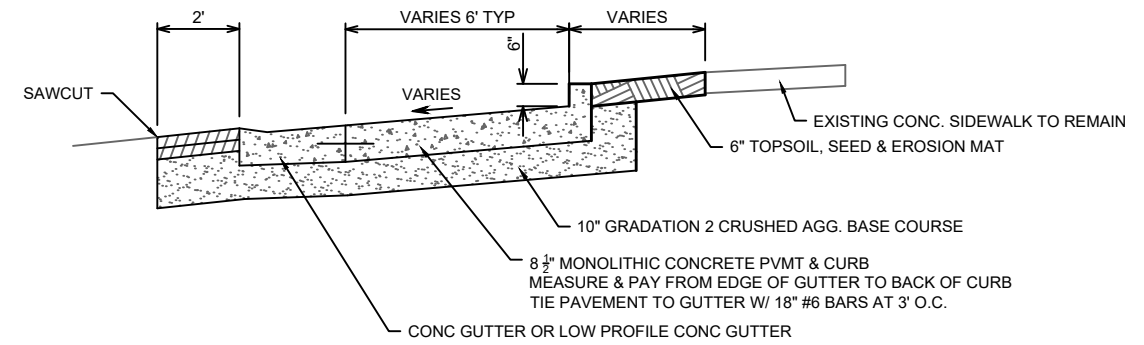
Feb 8, 2021



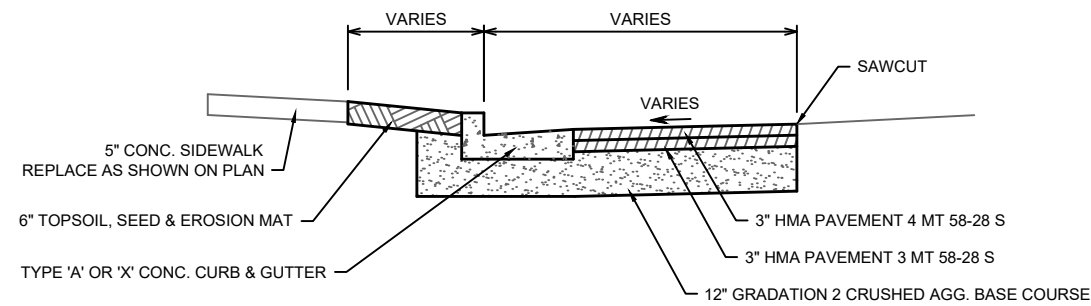
CONCRETE GUTTER DETAIL
 STA 54+54 TO 58+35
 NOT TO SCALE



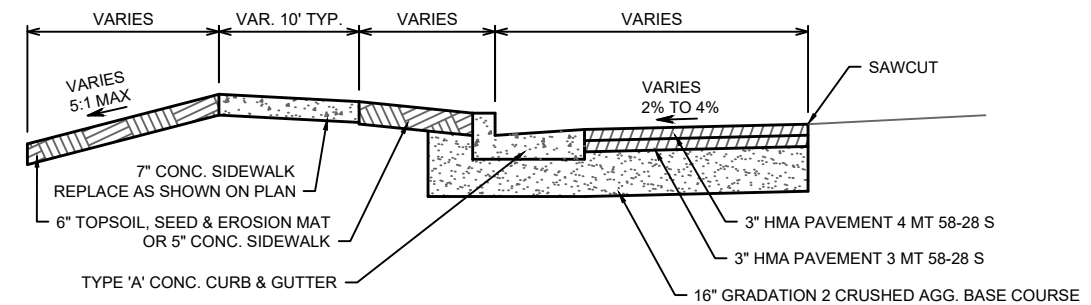
CONCRETE GUTTER - LOW PROFILE DETAIL
 STA 58+35 TO 59+07
 NOT TO SCALE



8 1/2" MONOLITHIC CONCRETE PAVEMENT & CURB DETAIL
 STA 54+54 TO STA 59+07
 NOT TO SCALE



E. GORHAM ST. BUMPOUTS & WIDENING TYPICAL SECTION
 STA 12+75 TO 59+25
 NOT TO SCALE



E. GORHAM ST. BUMPOUT TYPICAL SECTION
 STA 65+13 TO 66+57
 NOT TO SCALE

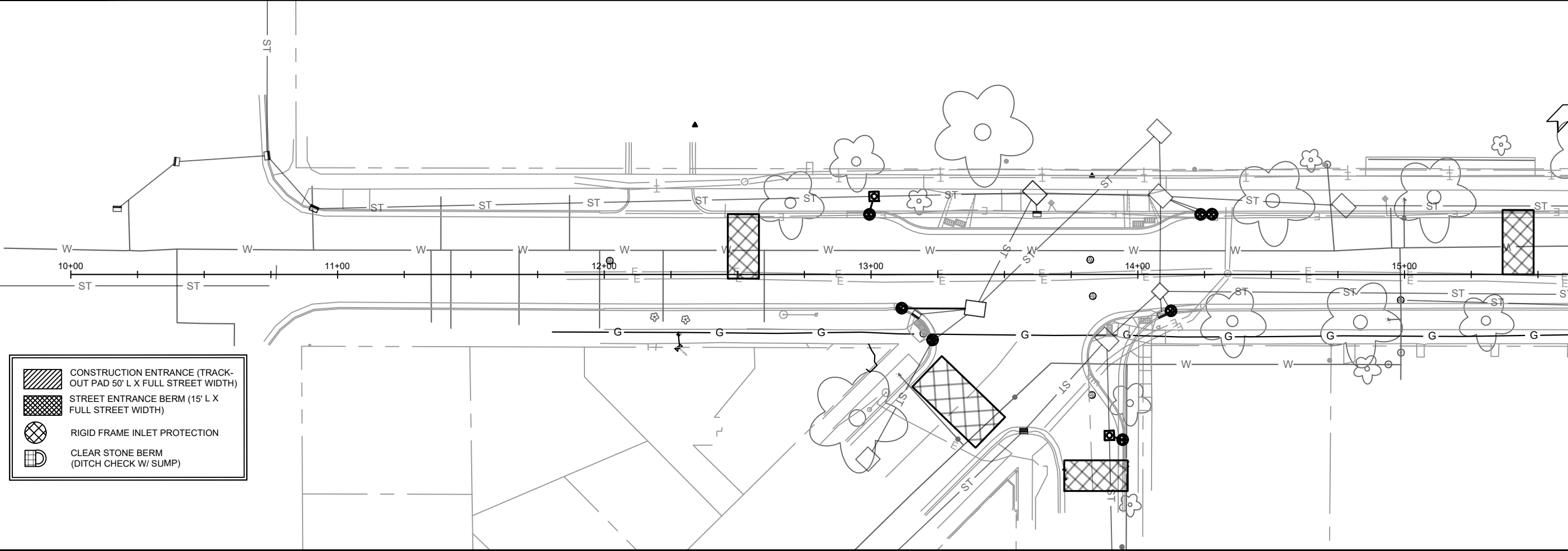
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13253
 MADISON, WI
 CONTRACT NO: 8988 & 8989

STREET DETAILS
 E. GORHAM STREET RESURFACING
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13253
 D-1



-  CONSTRUCTION ENTRANCE (TRACK-OUT PAD 50' L X FULL STREET WIDTH)
-  STREET ENTRANCE BERM (15' L X FULL STREET WIDTH)
-  RIGID FRAME INLET PROTECTION
-  CLEAR STONE BERM (DITCH CHECK W/ SUMP)

EROSION CONTROL NOTES:

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

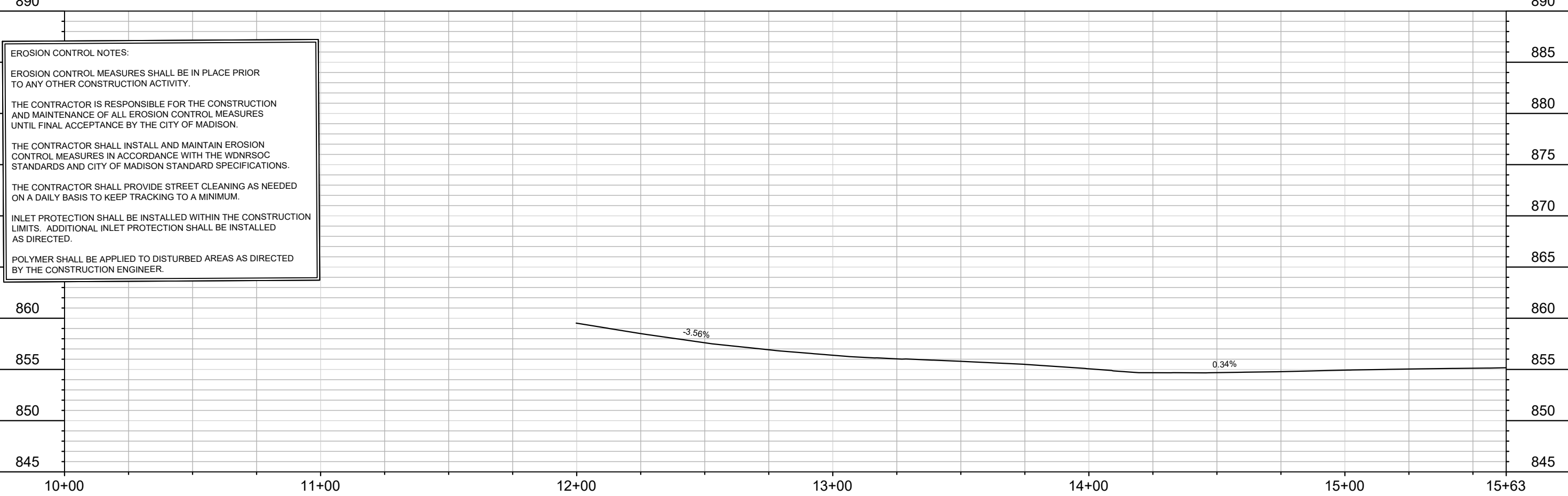
THE CONTRACTOR IS RESPONSIBLE FOR THE CONSTRUCTION AND MAINTENANCE OF ALL EROSION CONTROL MEASURES UNTIL FINAL ACCEPTANCE BY THE CITY OF MADISON.

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

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

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

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







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13253
 MADISON, DANE COUNTY, WI
 CONTRACT NO: 8988

EROSION CONTROL - E GORHAM ST.
 RESURFACING 2021
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13253
 EC-1

-  CONSTRUCTION ENTRANCE (TRACK-OUT PAD 50' L X FULL STREET WIDTH)
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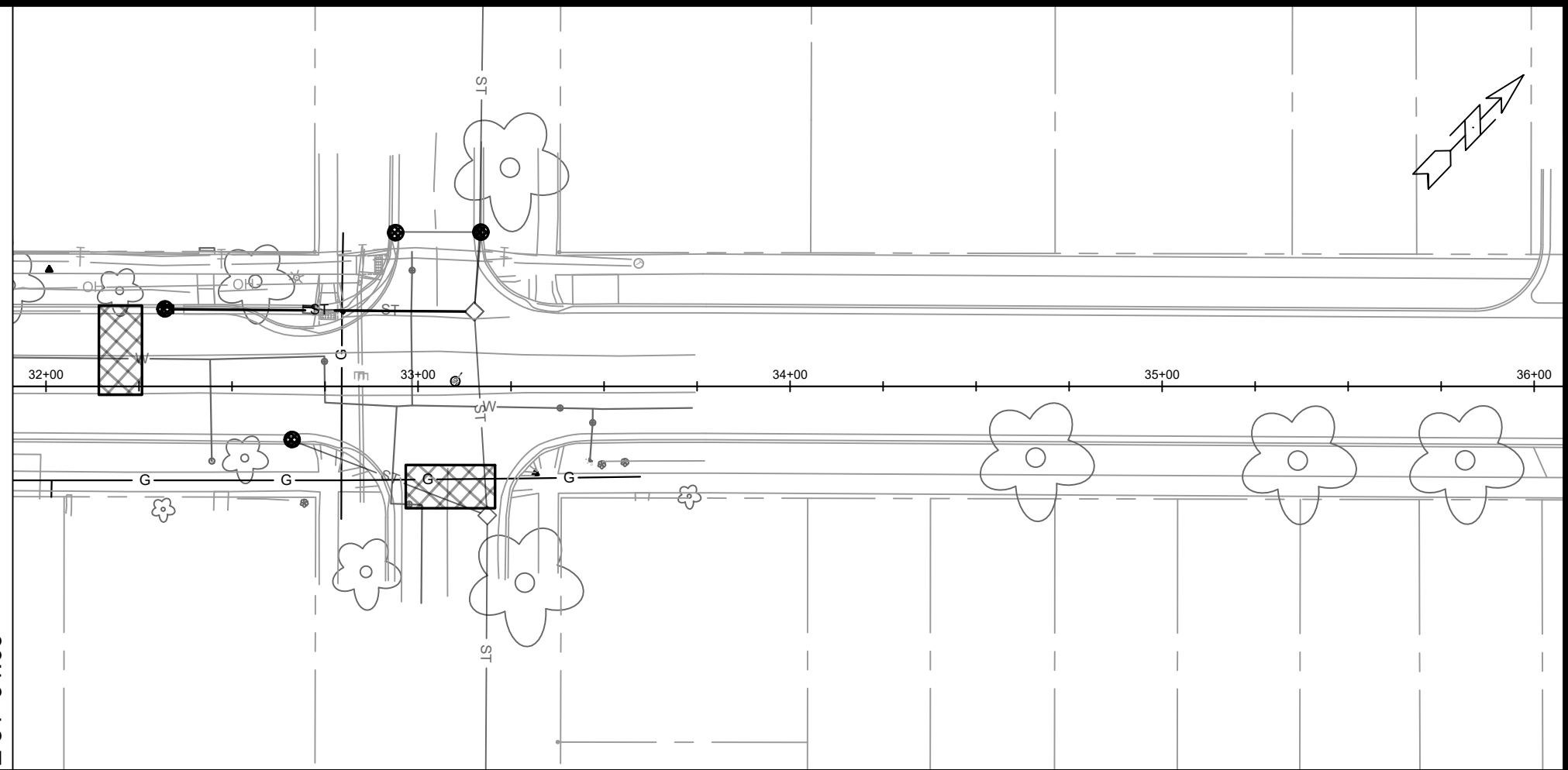
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E 31+91.06



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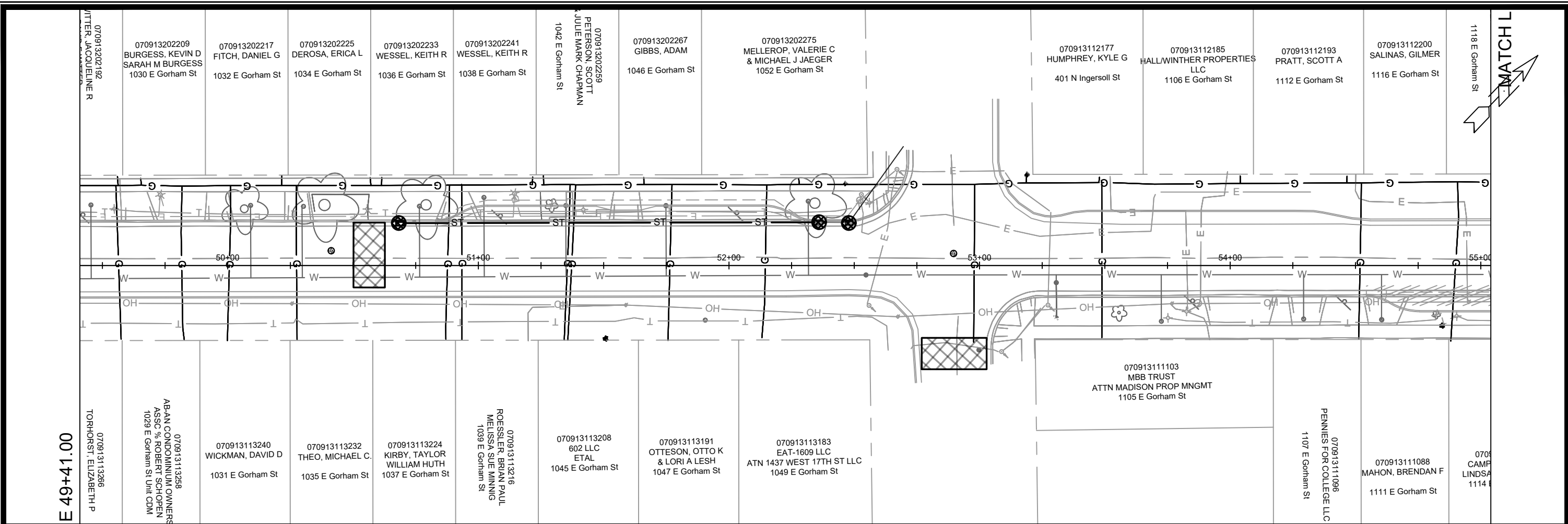
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13253
 EC-2

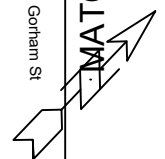
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2



E 49+41.00

1118 E Gorham St



-  CONSTRUCTION ENTRANCE (TRACK-OUT PAD 50' L X FULL STREET WIDTH)
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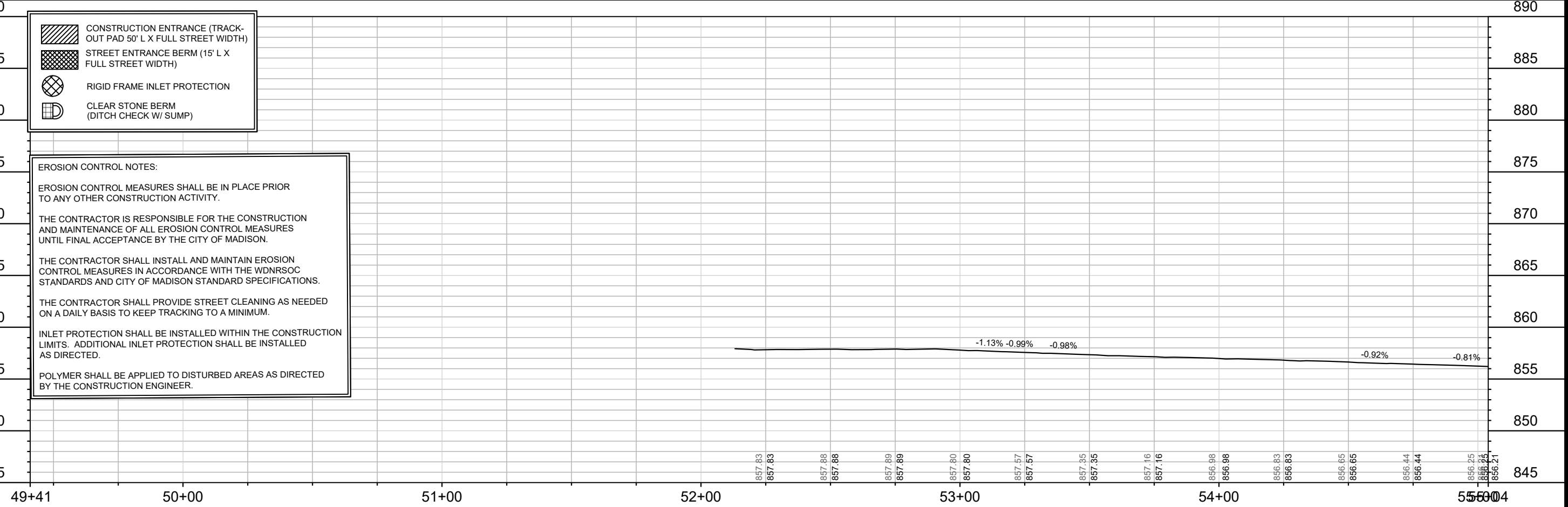
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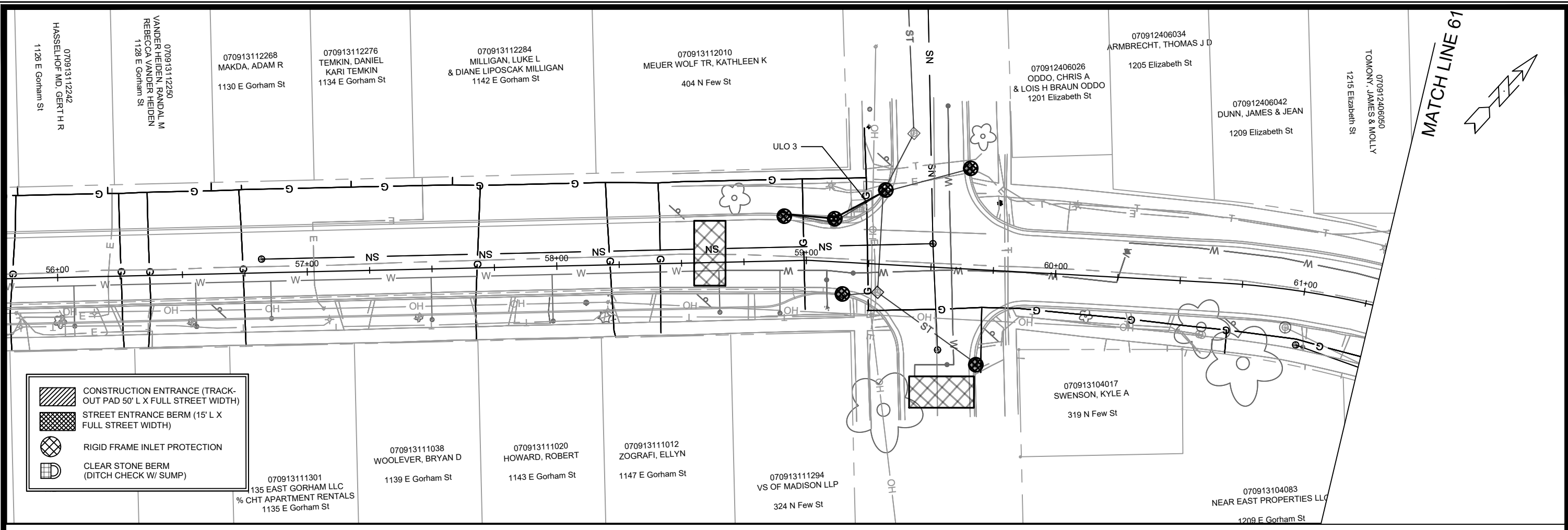
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13253
 MADISON, DANE COUNTY, WI
 CONTRACT NO: 8988

EROSION CONTROL - E GORHAM ST.
 RESURFACING 2021
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13253
 EC-3



- CONSTRUCTION ENTRANCE (TRACK-OUT PAD 50' L X FULL STREET WIDTH)
- STREET ENTRANCE BERM (15' L X FULL STREET WIDTH)
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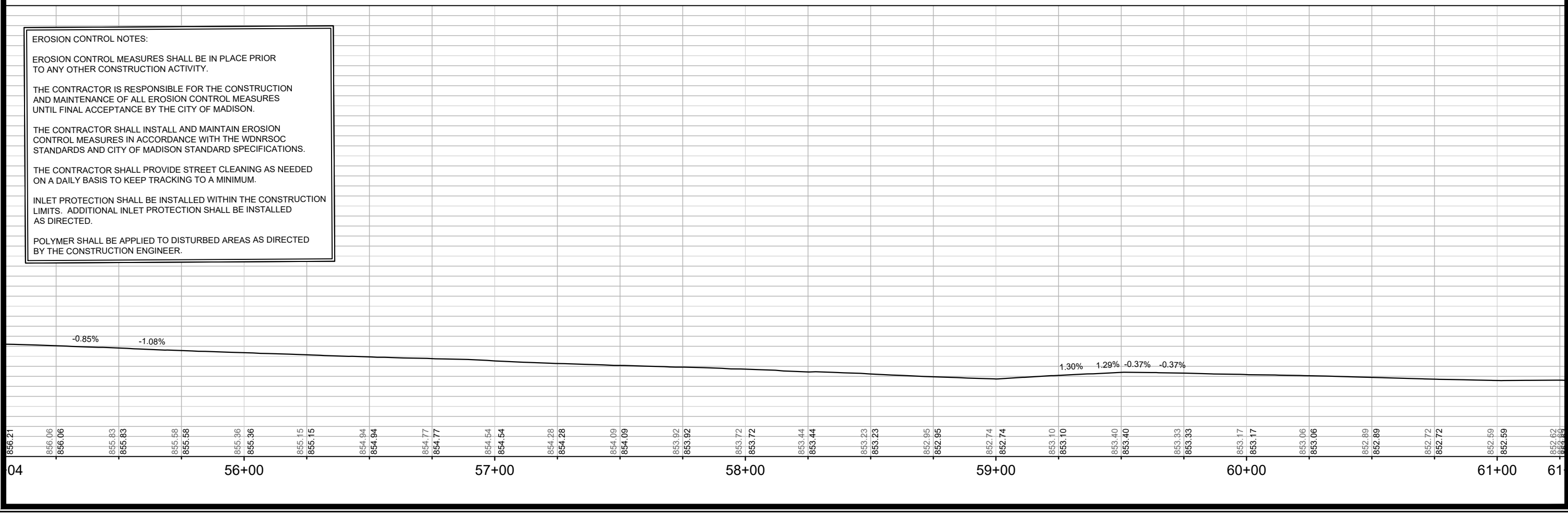
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MATCH LINE 61

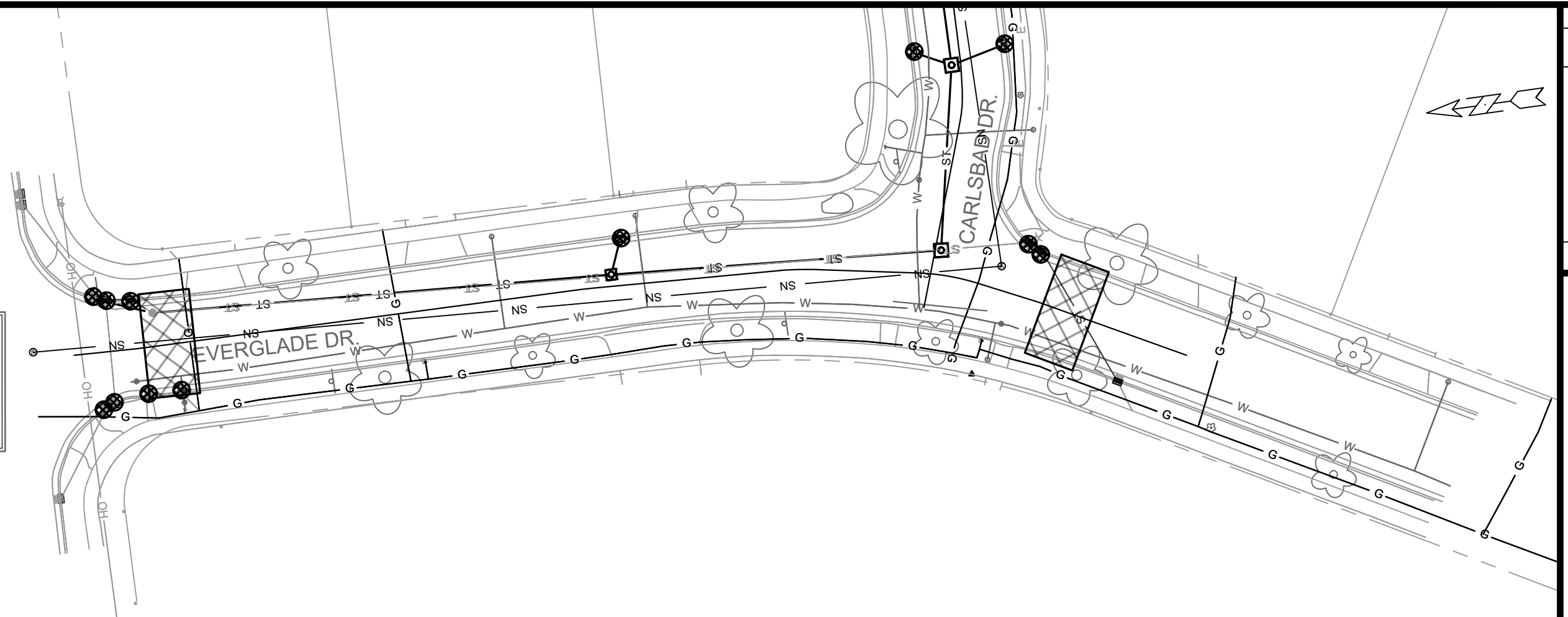
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13253
 MADISON, DANE COUNTY
 CONTRACT NO: 8988

EROSION CONTROL - E GORHAM ST.
 RESURFACING 2021
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13253
 EC-4

-  CONSTRUCTION ENTRANCE (TRACK-OUT PAD 50' L X FULL STREET WIDTH)
-  STREET ENTRANCE BERM (15' L X FULL STREET WIDTH)
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Profile View of Everglade Centerline

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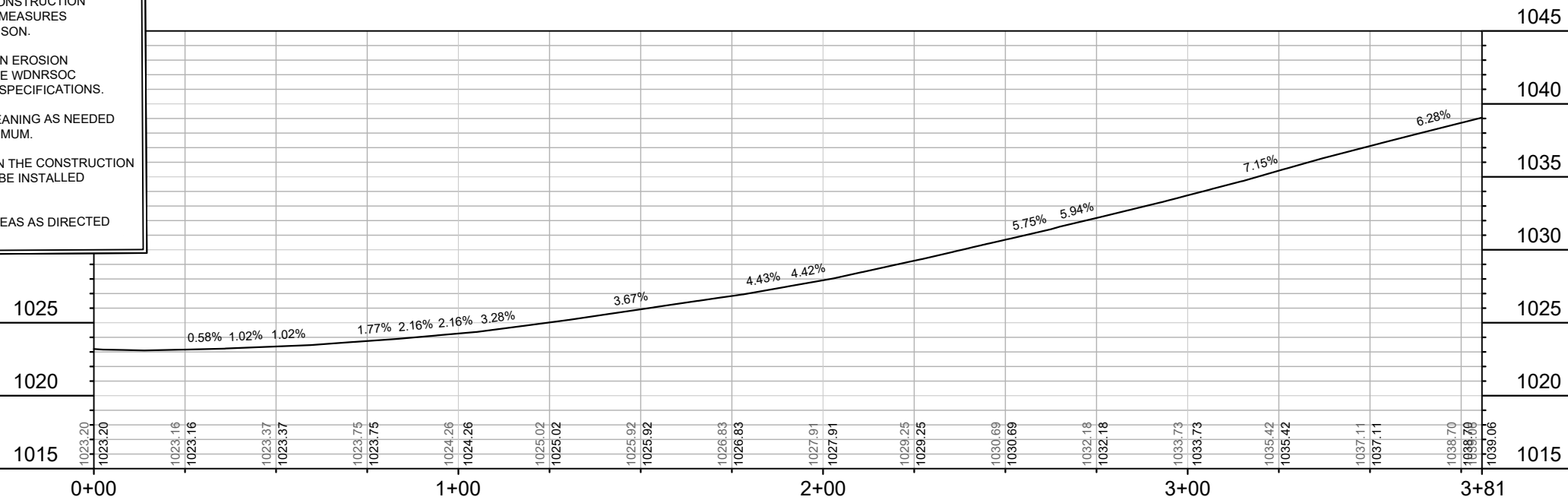
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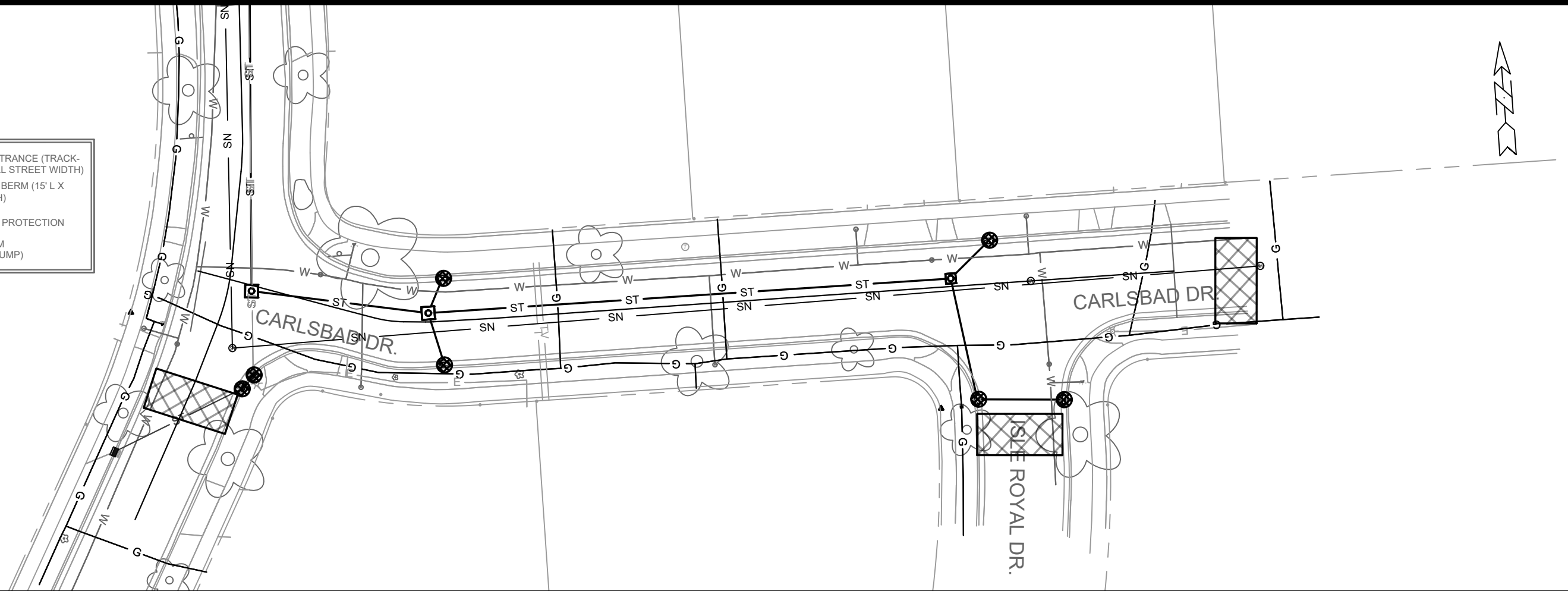
13253
MADISON, DANE COUNTY, WI
CONTRACT NO.: 8988

EROSION CONTROL - EVERGLADE DR.
RESURFACING 2021
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13253
EC-5

 CONSTRUCTION ENTRANCE (TRACK-OUT PAD 50' L X FULL STREET WIDTH)
 STREET ENTRANCE BERM (15' L X FULL STREET WIDTH)
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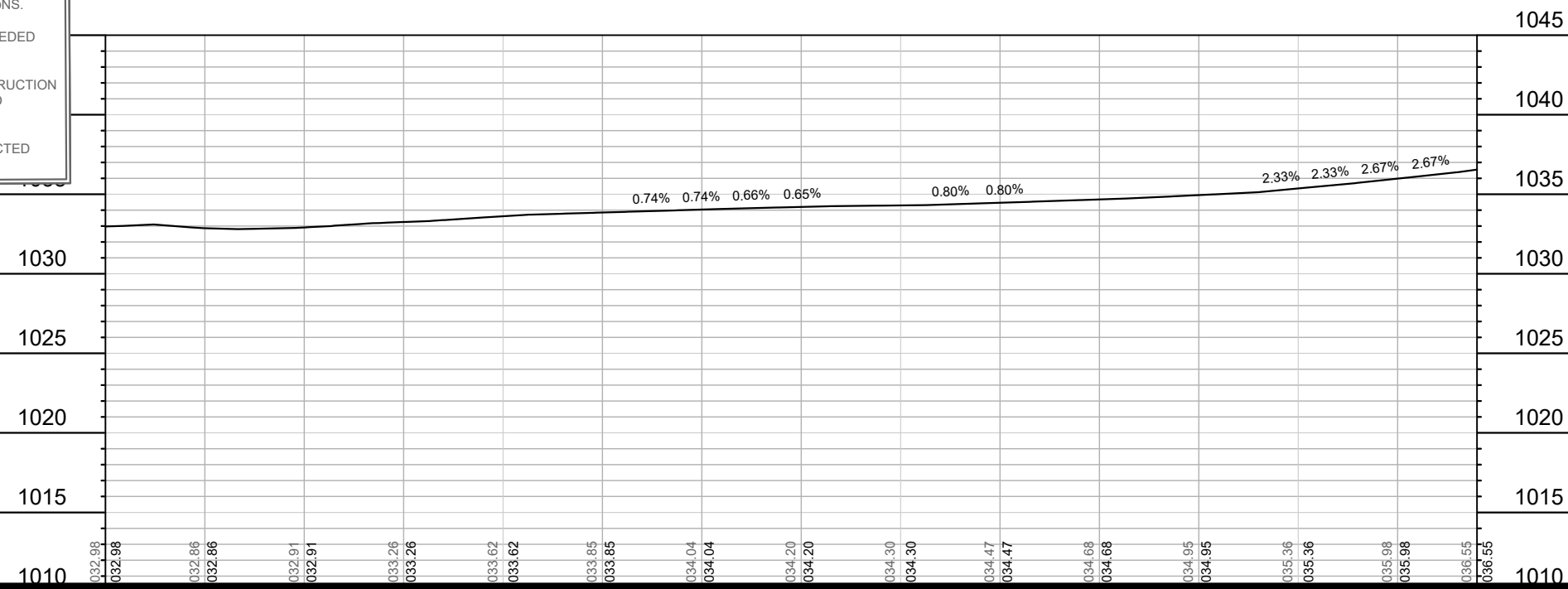
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Profile View of Carlsbad Centerline



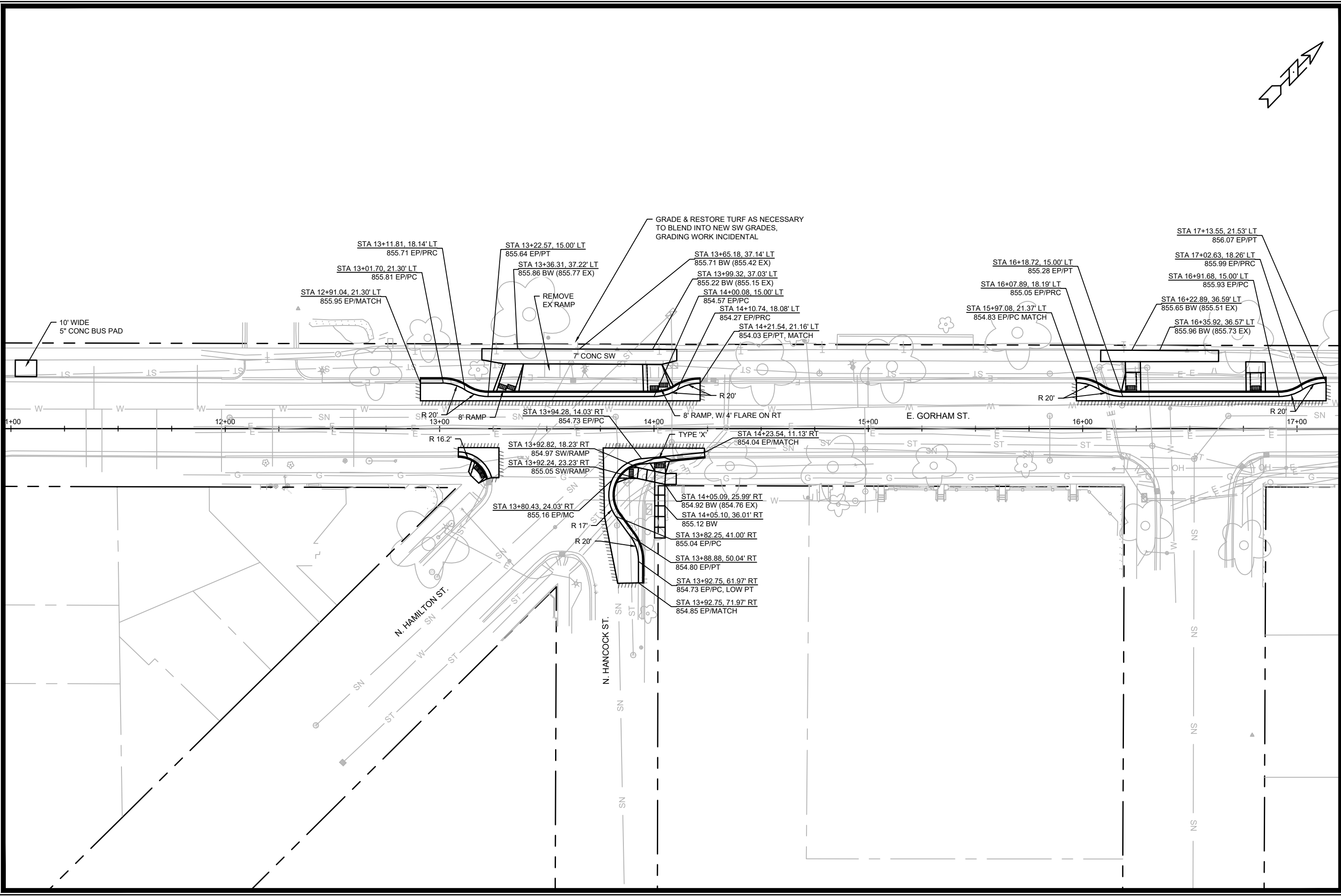
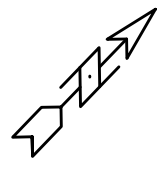
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13253
 MADISON, DANE COUNTY, WI
 CONTRACT NO: 8988

EROSION CONTROL - EVERGLADE DR.
 RESURFACING 2021
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13253
 EC-6



GRADE & RESTORE TURF AS NECESSARY TO BLEND INTO NEW SW GRADES, GRADING WORK INCIDENTAL

REMOVE EX RAMP

10' WIDE 5" CONC BUS PAD

E. GORHAM ST.

N. HAMILTON ST.

N. HANCOCK ST.

STA 13+92.82, 18.23' RT
854.97 SW/RAMP
STA 13+92.24, 23.23' RT
855.05 SW/RAMP

STA 14+05.09, 25.99' RT
854.92 BW (854.76 EX)
STA 14+05.10, 36.01' RT
855.12 BW
STA 13+82.25, 41.00' RT
855.04 EP/PC
STA 13+88.88, 50.04' RT
854.80 EP/PT
STA 13+92.75, 61.97' RT
854.73 EP/PC, LOW PT
STA 13+92.75, 71.97' RT
854.85 EP/MATCH

STA 13+65.18, 37.14' LT
855.71 BW (855.42 EX)
STA 13+99.32, 37.03' LT
855.22 BW (855.15 EX)
STA 14+00.08, 15.00' LT
854.57 EP/PC
STA 14+10.74, 18.08' LT
854.27 EP/PC
STA 14+21.54, 21.16' LT
854.03 EP/PT, MATCH

STA 16+07.89, 18.19' LT
855.05 EP/PC
STA 15+97.08, 21.37' LT
854.83 EP/PC MATCH

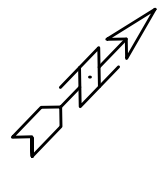
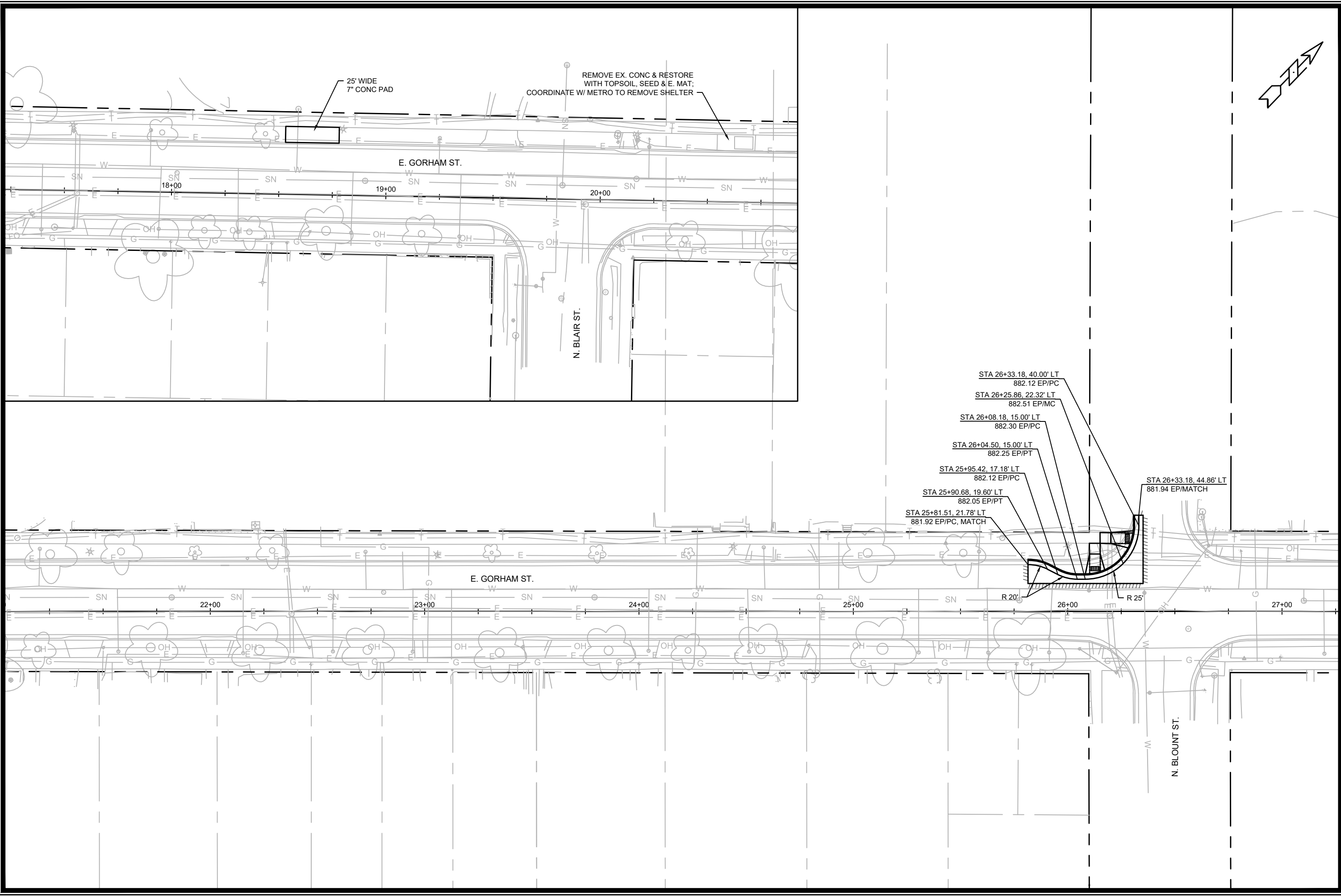
STA 17+02.63, 18.26' LT
855.99 EP/PC
STA 16+91.68, 15.00' LT
855.93 EP/PC
STA 16+22.89, 36.59' LT
855.65 BW (855.51 EX)
STA 16+35.92, 36.57' LT
855.96 BW (855.73 EX)

13253
MADISON, WI
CONTRACT NO: 8988 & 8989



E. GORHAM ST. PLAN
E. GORHAM STREET RESURFACING
13253
P-1

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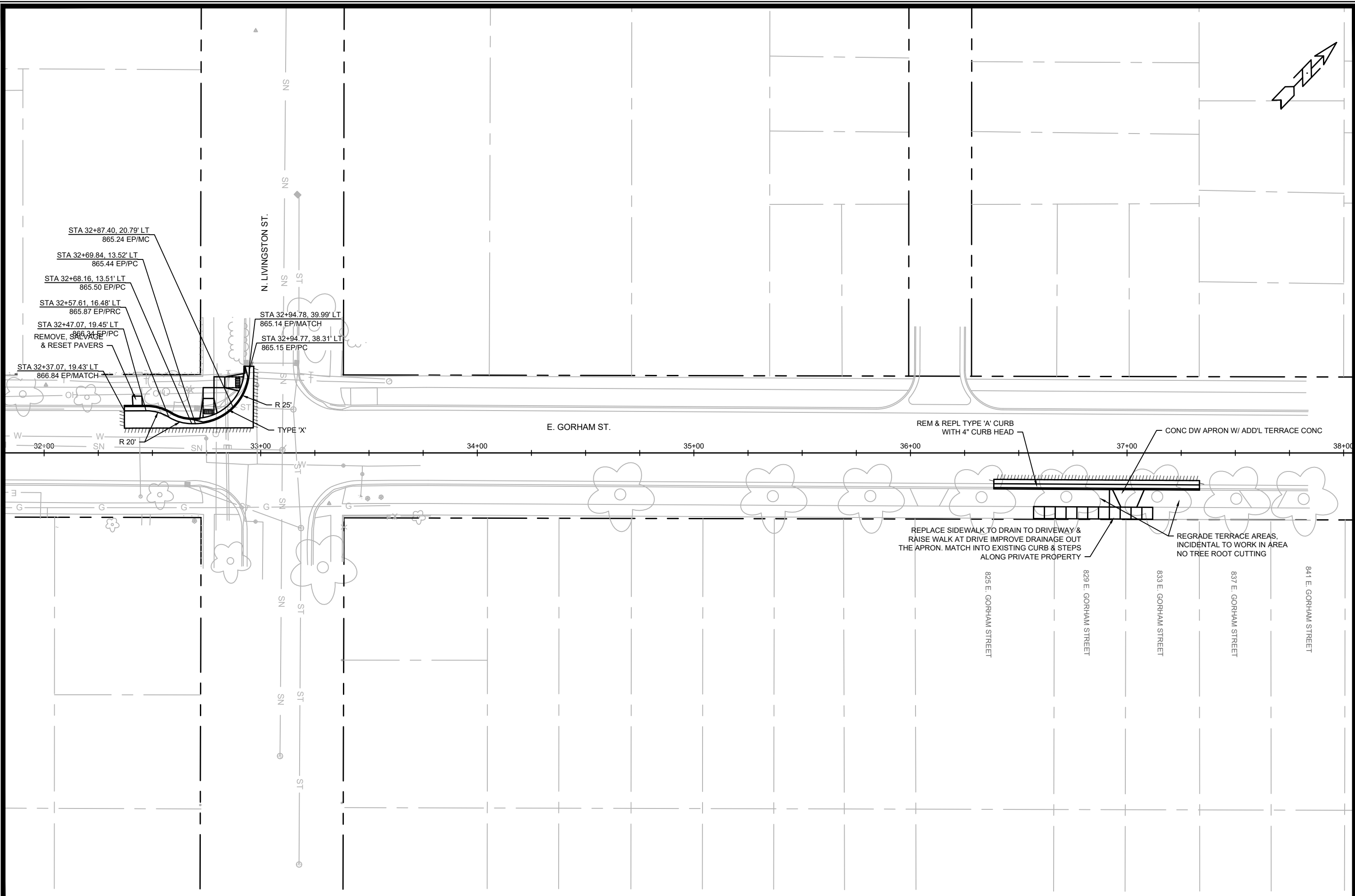
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MADISON, WI
CONTRACT NO: 8988 & 8989

E. GORHAM ST. PLAN
E. GORHAM STREET RESURFACING
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13253
P-2

- STA 26+33.18, 40.00' LT
882.12 EP/PC
- STA 26+25.86, 22.32' LT
882.51 EP/MC
- STA 26+08.18, 15.00' LT
882.30 EP/PC
- STA 26+04.50, 15.00' LT
882.25 EP/PT
- STA 25+95.42, 17.18' LT
882.12 EP/PC
- STA 25+90.68, 19.60' LT
882.05 EP/PT
- STA 25+81.51, 21.78' LT
881.92 EP/PC, MATCH
- STA 26+33.18, 44.86' LT
881.94 EP/MATCH



STA 32+87.40, 20.79' LT
 865.24 EP/MC
 STA 32+69.84, 13.52' LT
 865.44 EP/PC
 STA 32+68.16, 13.51' LT
 865.50 EP/PC
 STA 32+57.61, 16.48' LT
 865.87 EP/PRC
 STA 32+47.07, 19.45' LT
 866.34 EP/PC
 REMOVE, PATCH
 & RESET PAVERS
 STA 32+37.07, 19.43' LT
 866.84 EP/MATCH
 STA 32+94.78, 39.99' LT
 865.14 EP/MATCH
 STA 32+94.77, 38.31' LT
 865.15 EP/PC

E. GORHAM ST.

REM & REPL TYPE 'A' CURB
WITH 4" CURB HEAD

CONC DW APRON W/ ADD'L TERRACE CONC

REPLACE SIDEWALK TO DRAIN TO DRIVEWAY &
RAISE WALK AT DRIVE IMPROVE DRAINAGE OUT
THE APRON. MATCH INTO EXISTING CURB & STEPS
ALONG PRIVATE PROPERTY

REGRADE TERRACE AREAS,
INCIDENTAL TO WORK IN AREA
NO TREE ROOT CUTTING

825 E. GORHAM STREET

829 E. GORHAM STREET

833 E. GORHAM STREET

837 E. GORHAM STREET

841 E. GORHAM STREET

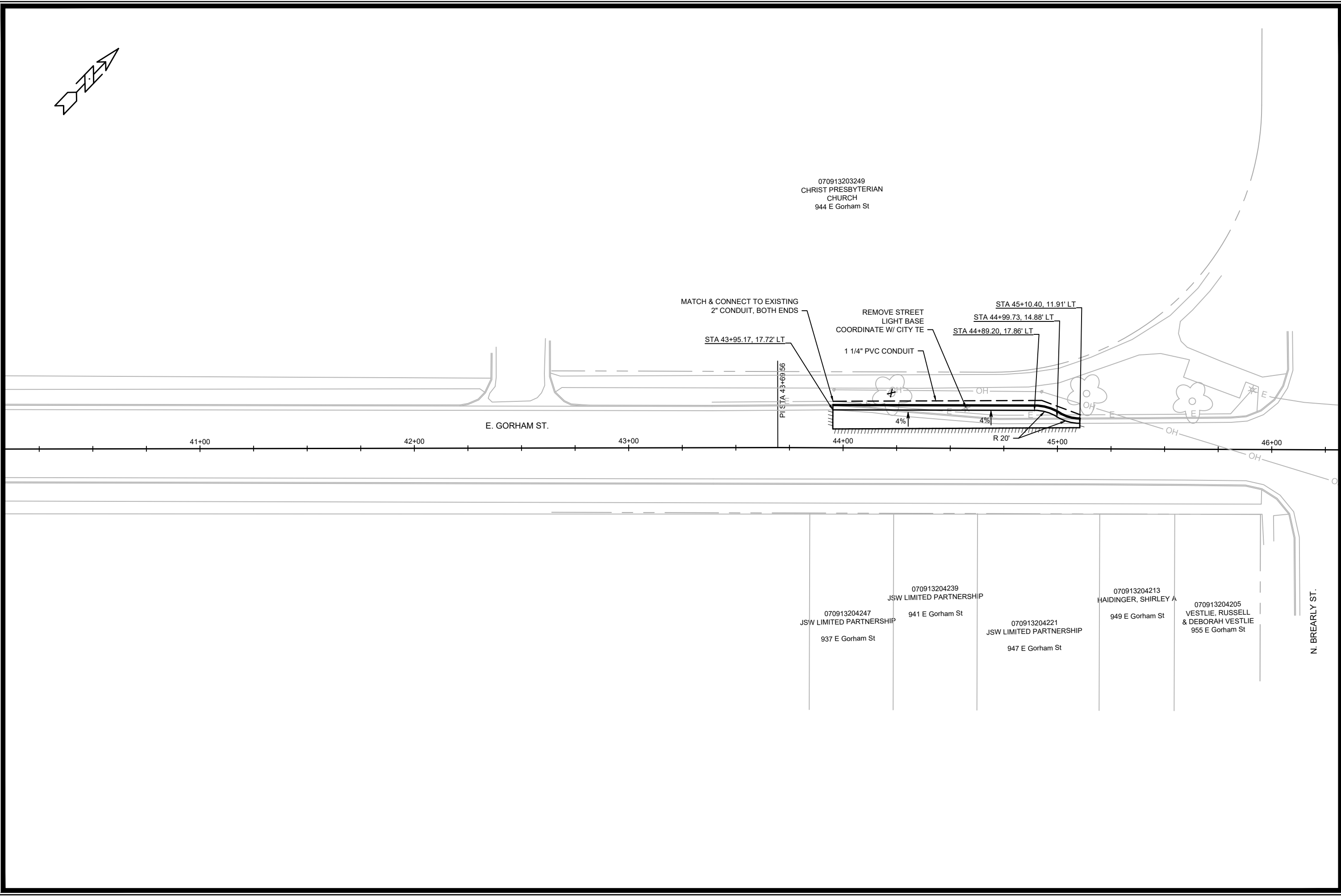
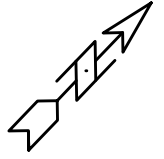
N. LIVINGSTON ST.

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13253
 MADISON, WI
 CONTRACT NO: 8988 & 8989

E. GORHAM ST. PLAN
 E. GORHAM STREET RESURFACING
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070913203249
CHRIST PRESBYTERIAN
CHURCH
944 E Gorham St

MATCH & CONNECT TO EXISTING
2" CONDUIT, BOTH ENDS

REMOVE STREET
LIGHT BASE
COORDINATE W/ CITY TE

1 1/4" PVC CONDUIT

STA 45+10.40, 11.91' LT
STA 44+99.73, 14.88' LT
STA 44+89.20, 17.86' LT

STA 43+95.17, 17.72' LT

PI STA 43+69.56

4%
4%
R 20'

E. GORHAM ST.

41+00

42+00

43+00

44+00

45+00

46+00

070913204247
JSW LIMITED PARTNERSHIP
937 E Gorham St

070913204239
JSW LIMITED PARTNERSHIP
941 E Gorham St

070913204221
JSW LIMITED PARTNERSHIP
947 E Gorham St

070913204213
HAIDINGER, SHIRLEY A
949 E Gorham St

070913204205
VESTLIE, RUSSELL
& DEBORAH VESTLIE
955 E Gorham St

N. BREARLY ST.

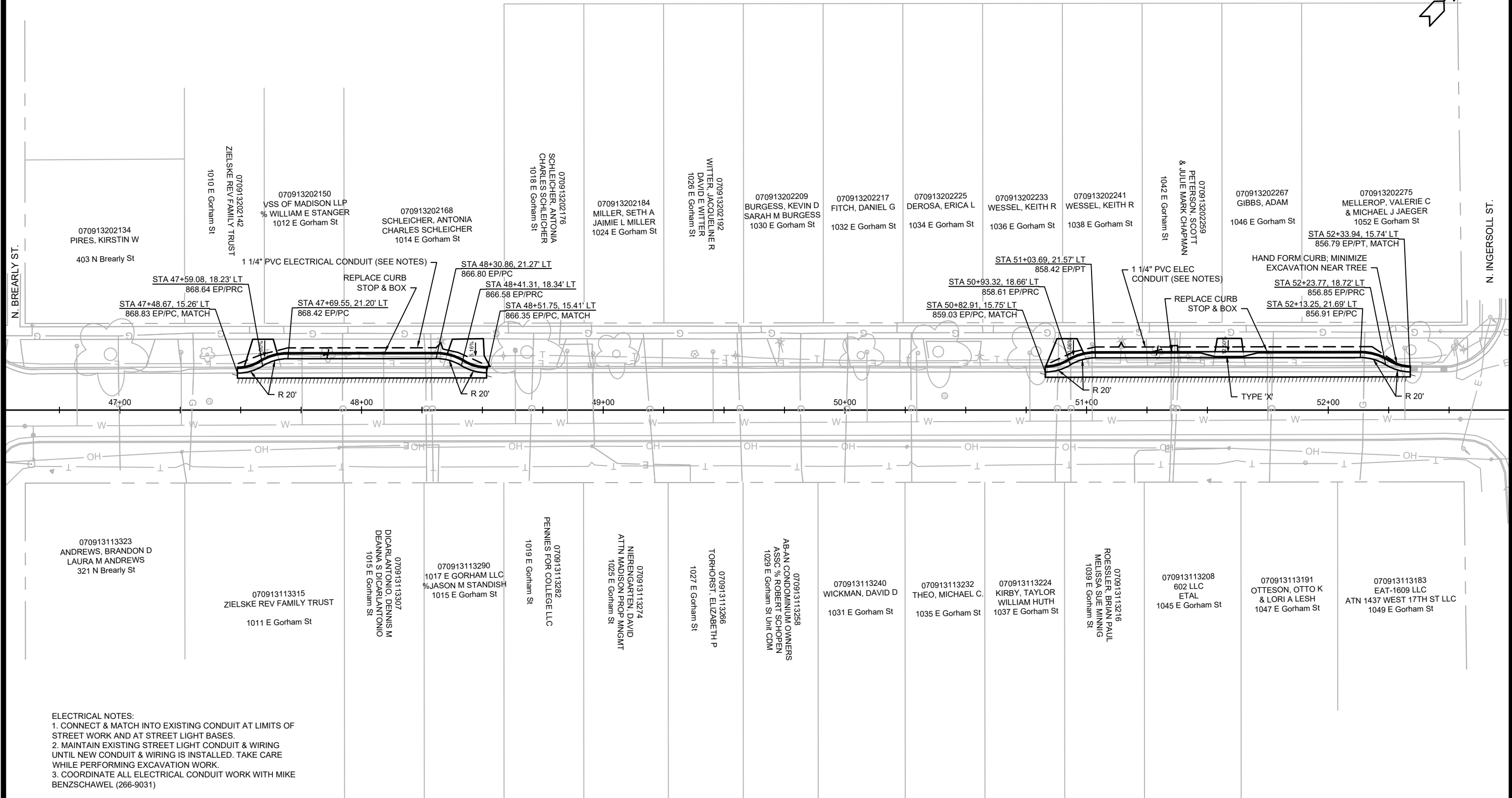
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13253
MADISON, WI
CONTRACT NO: 8988 & 8989

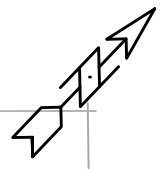
E. GORHAM ST. PLAN
E. GORHAM STREET RESURFACING
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13253
P-4



ELECTRICAL NOTES:
 1. CONNECT & MATCH INTO EXISTING CONDUIT AT LIMITS OF STREET WORK AND AT STREET LIGHT BASES.
 2. MAINTAIN EXISTING STREET LIGHT CONDUIT & WIRING UNTIL NEW CONDUIT & WIRING IS INSTALLED. TAKE CARE WHILE PERFORMING EXCAVATION WORK.
 3. COORDINATE ALL ELECTRICAL CONDUIT WORK WITH MIKE BENZSCHAWEL (266-9031)

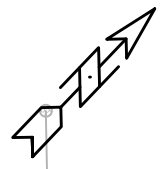
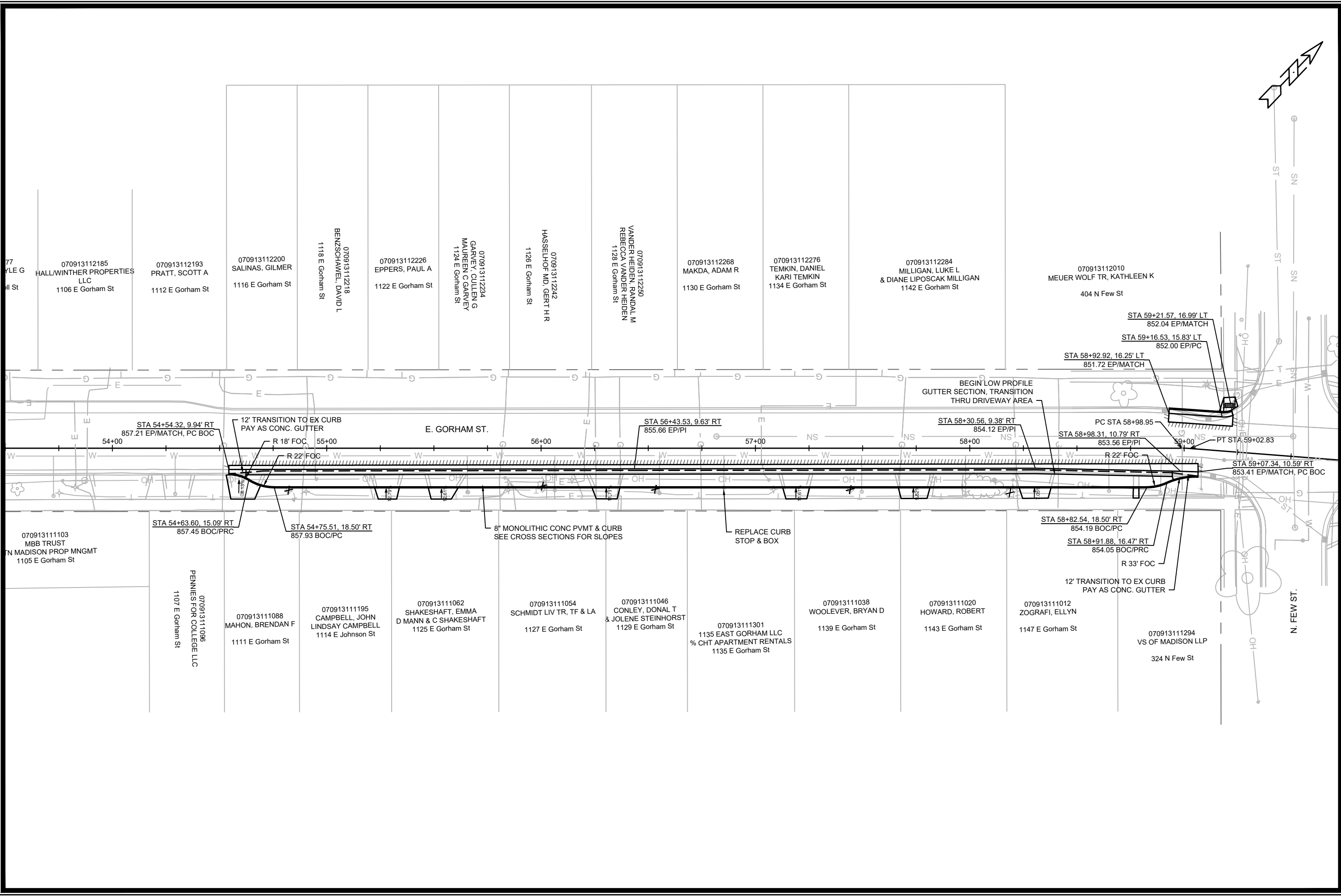


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13253
 MADISON, WI
 CONTRACT NO: 8988 & 8989

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 E. GORHAM STREET RESURFACING
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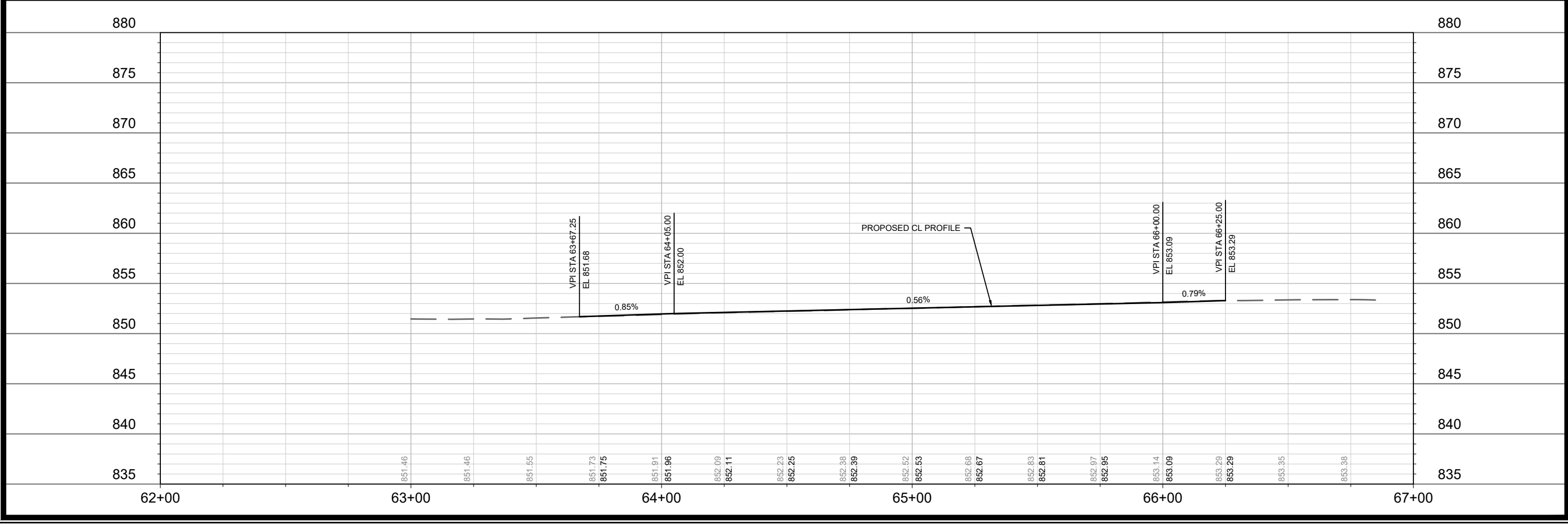
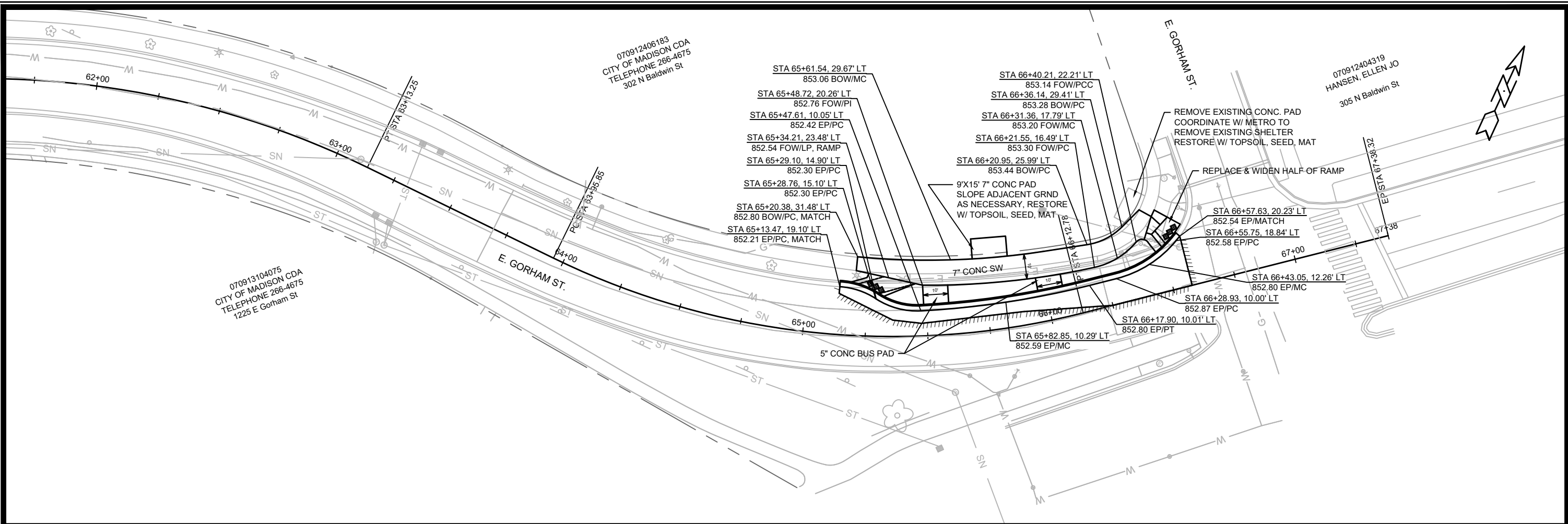
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13253
MADISON, WI
CONTRACT NO: 8988 & 8989

E. GORHAM ST. PLAN
E. GORHAM STREET RESURFACING

13253
P-6


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070913104075
CITY OF MADISON CDA
TELEPHONE 266-4675
1225 E Gorham St

070912406183
CITY OF MADISON CDA
TELEPHONE 266-4675
302 N Baldwin St

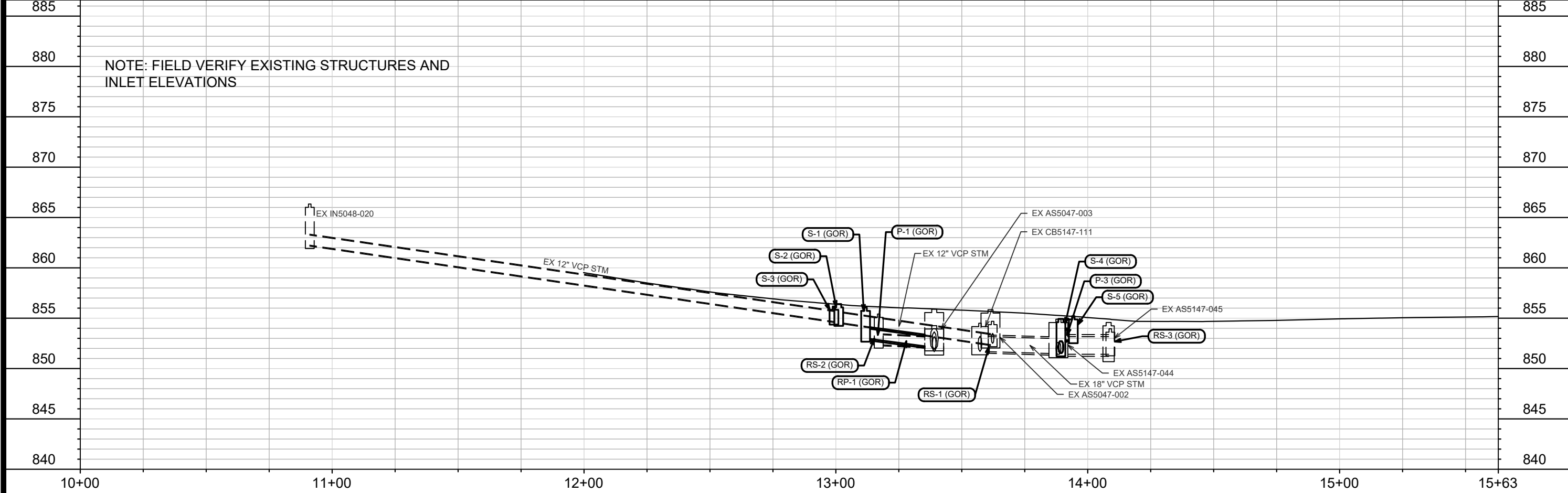
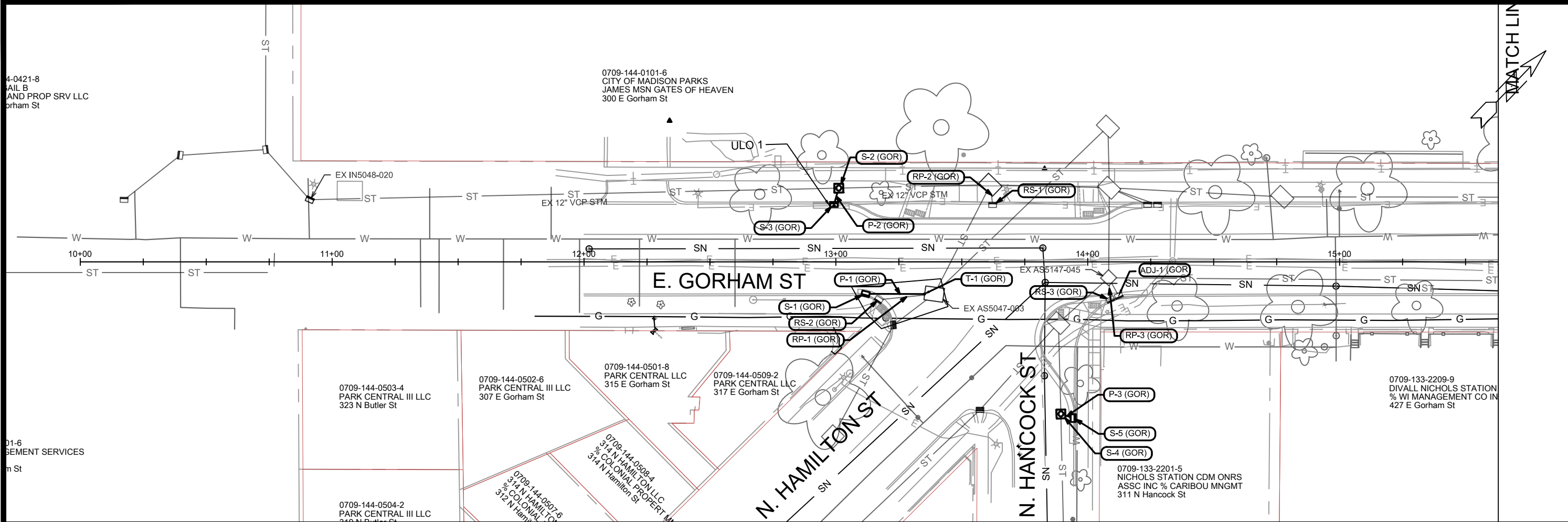
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305 N Baldwin St

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4-0421-8
 MAIL B
 AND PROP SRV LLC
 Gorham St

0709-144-0101-6
 CITY OF MADISON PARKS
 JAMES MSN GATES OF HEAVEN
 300 E Gorham St

01-6
 CEMENT SERVICES
 m St



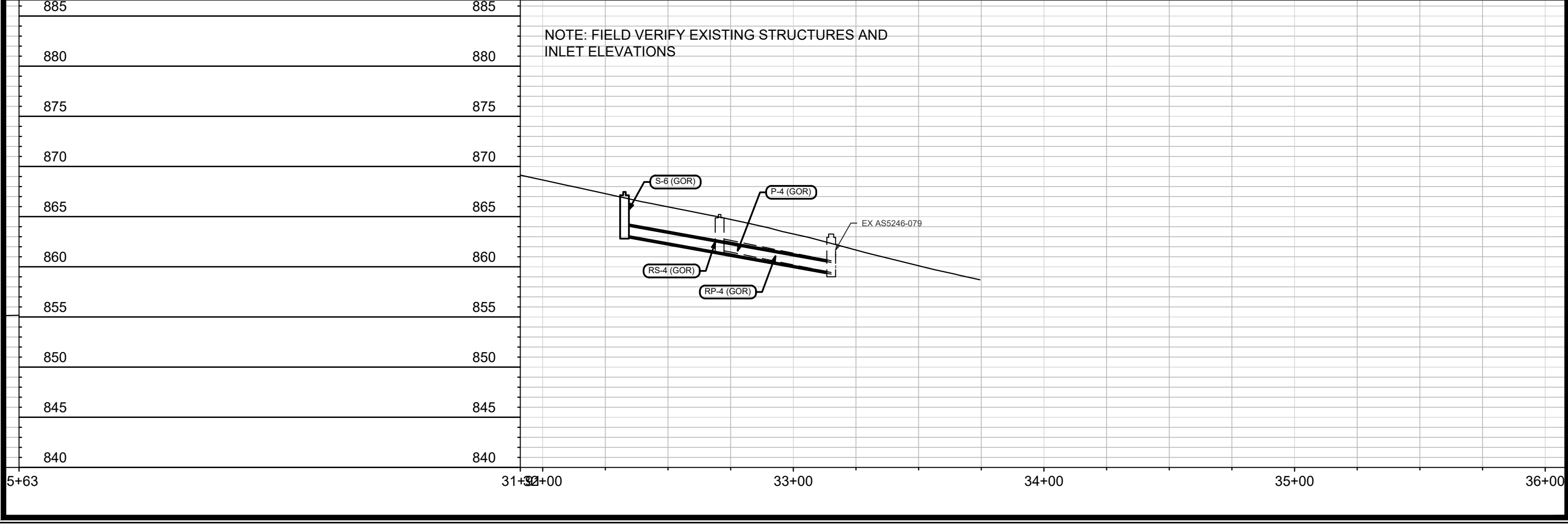
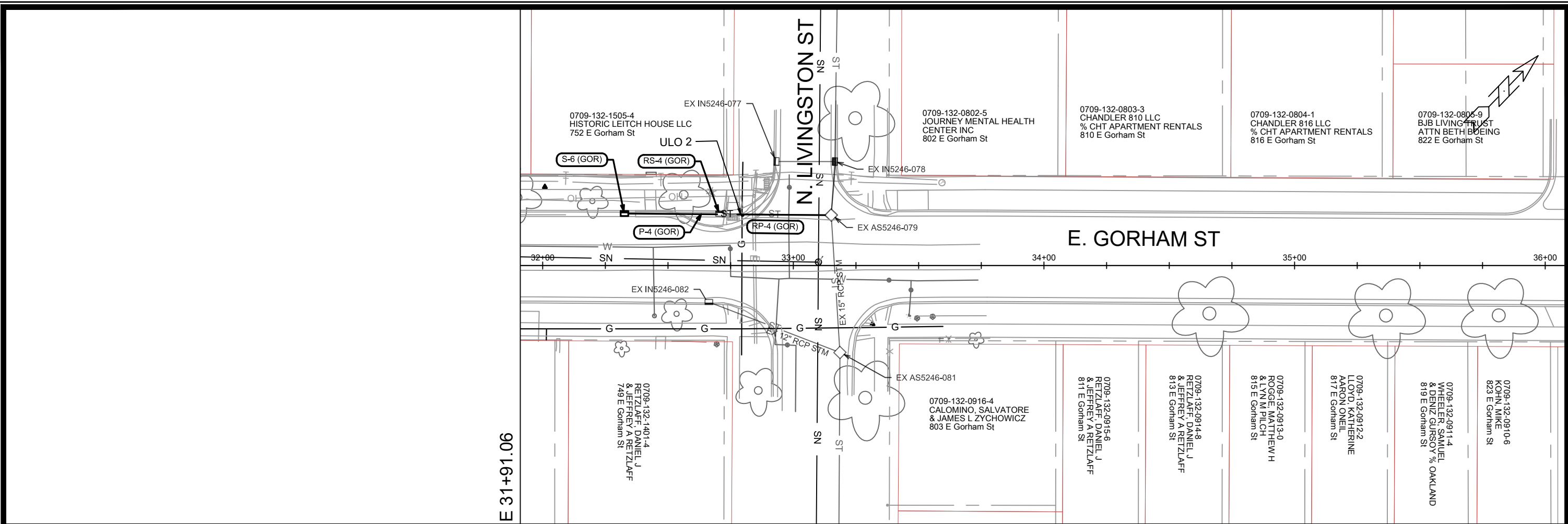
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 MADISON, DANE COUNTY, WI
 CONTRACT NO: 8988

UTILITIES PLAN & PROFILE - E. GORHAM
 RESURFACING 2021
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13253
 U-1



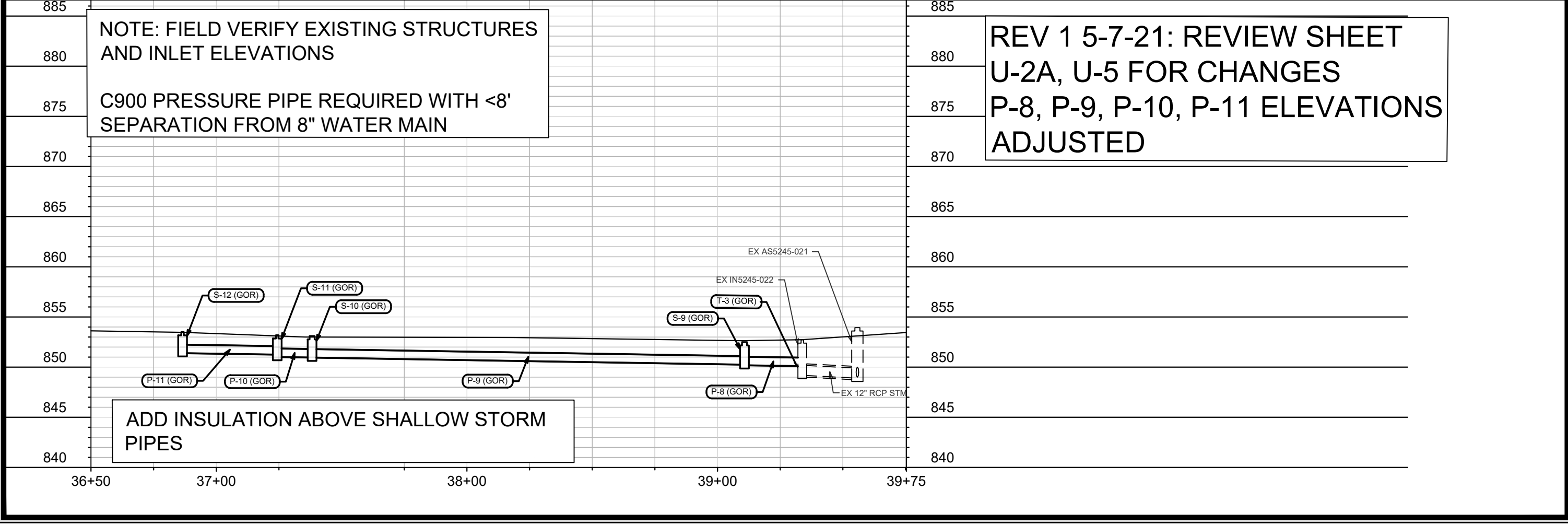
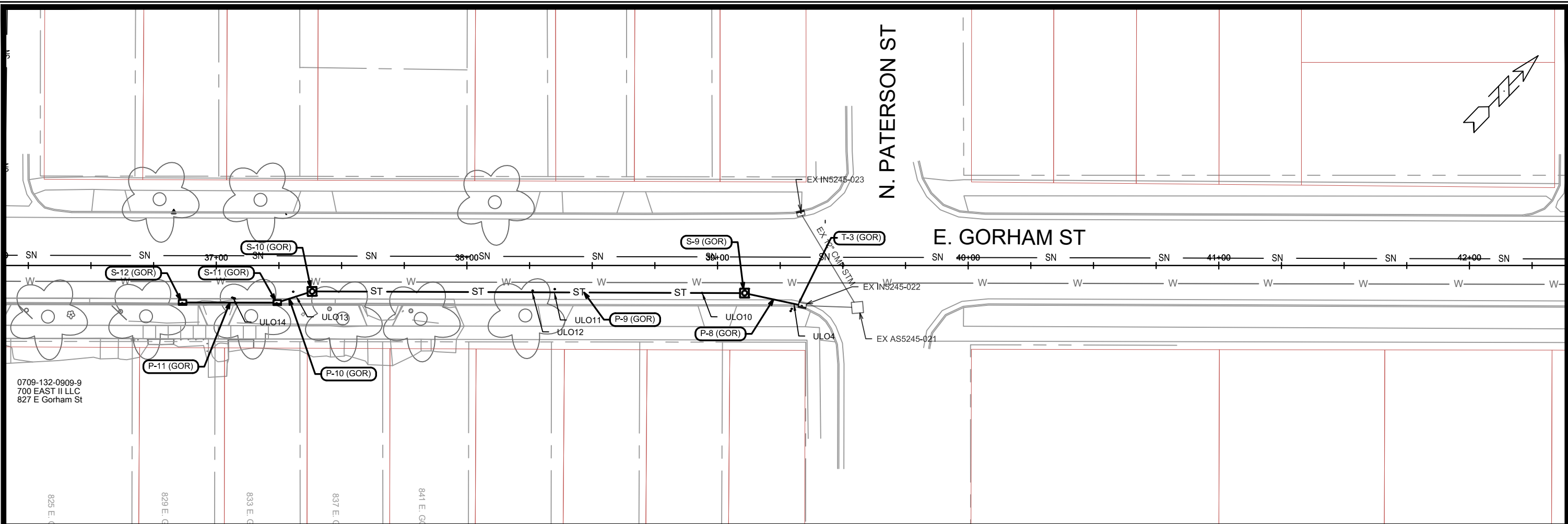
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13253
 MADISON, DANE COUNTY, WI
 CONTRACT NO: 8988

UTILITIES PLAN & PROFILE - E. GORHAM
 RESURFACING 2021
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13253
 U-2



0709-132-0909-9
700 EAST II LLC
827 E Gorham St

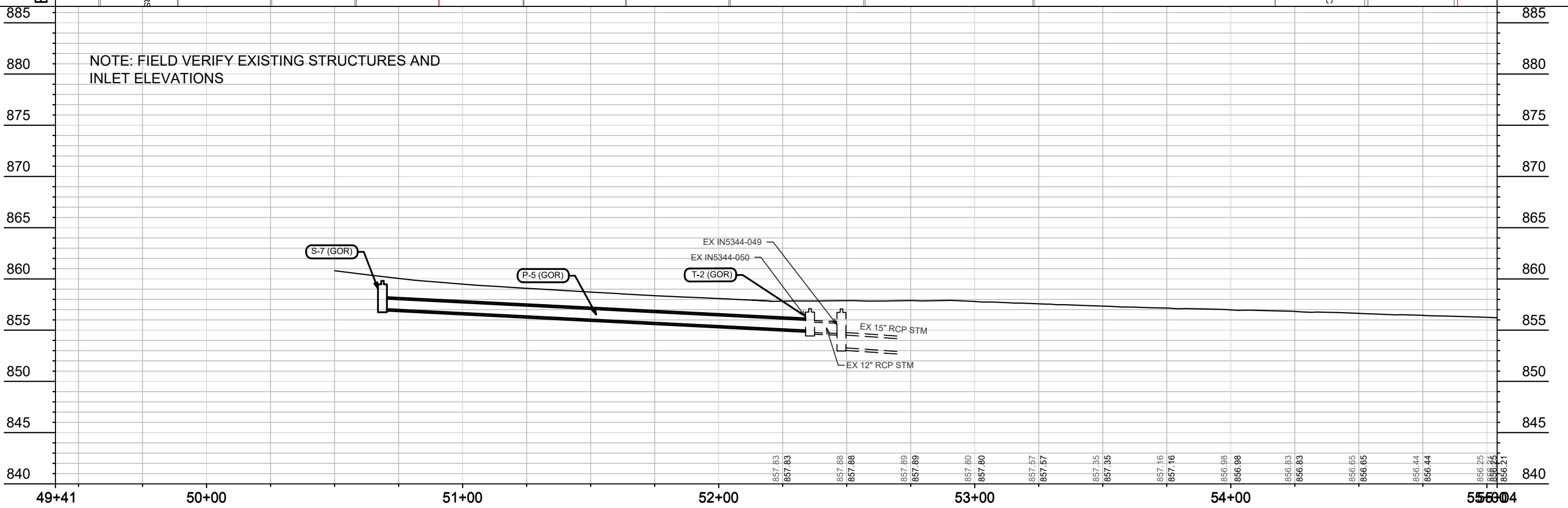
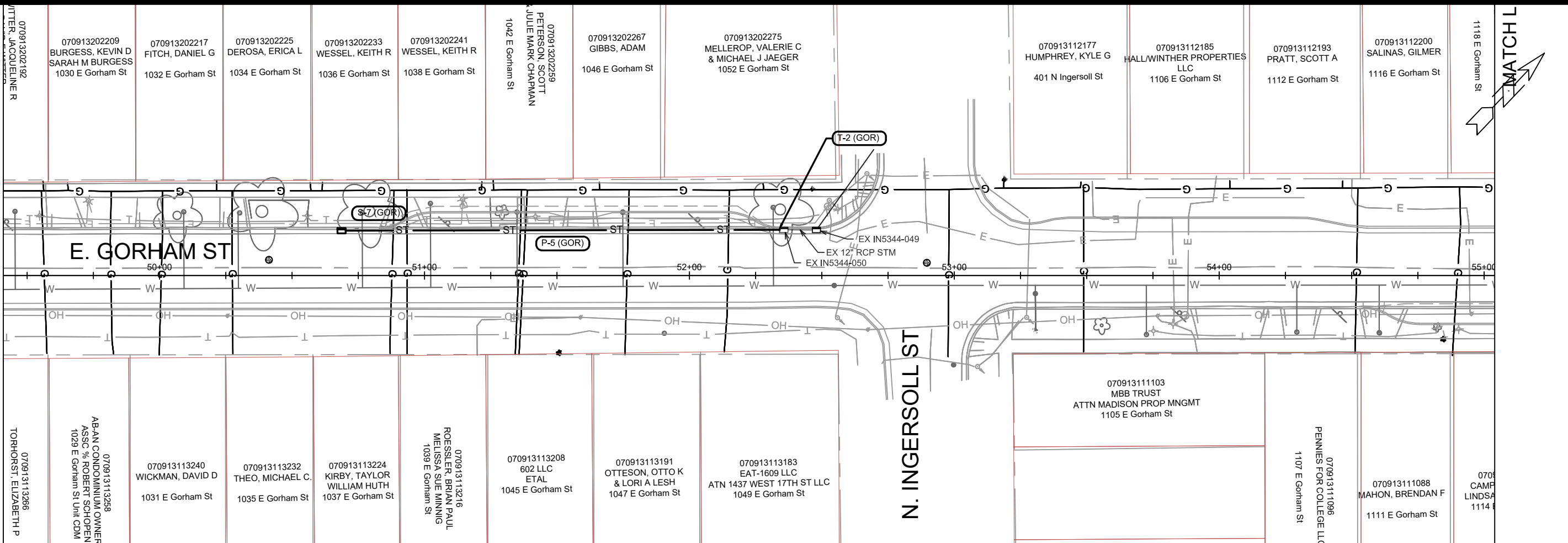
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13253
MADISON, DANE COUNTY, WI
CONTRACT NO: 8988

UTILITIES PLAN & PROFILE - E. GORHAM ST
RESURFACING W/ STORM



13253
U-2A



E 49+41.00



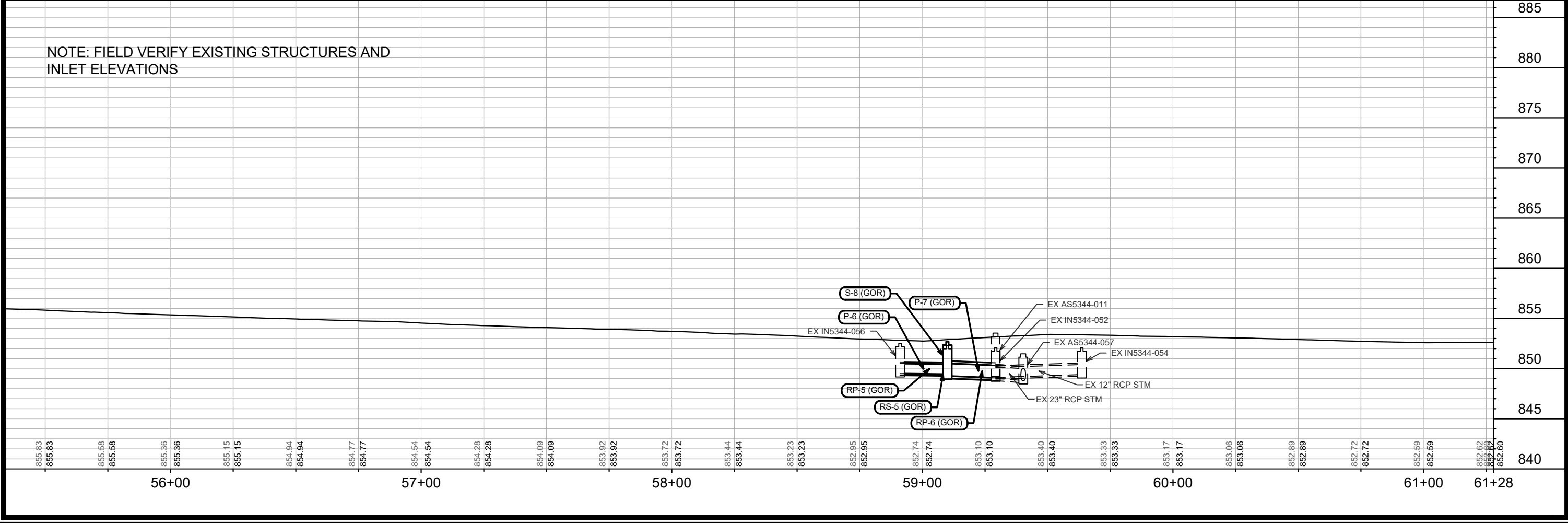
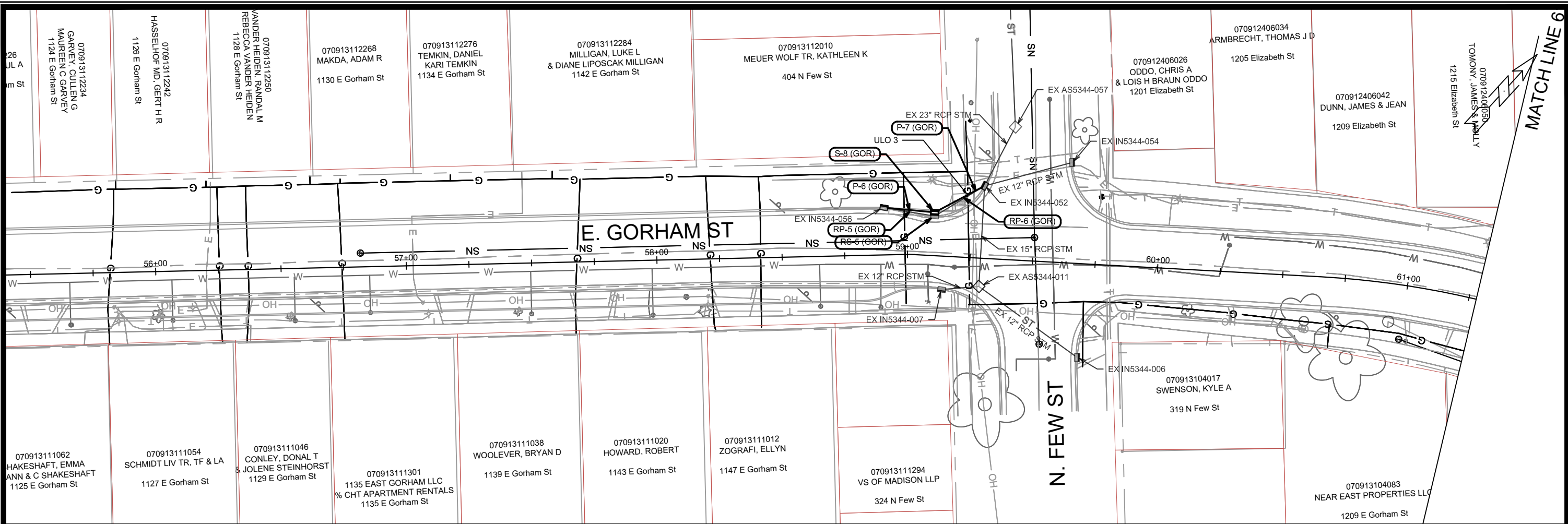
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 MADISON, DANE COUNTY, WI
 8988
 CONTRACT NO:

UTILITIES PLAN & PROFILE - E. GORHAM
 RESURFACING 2021
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13253
 U-3



DATE	BY
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CONTRACT NO.	8988
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CITY OF MADISON WISCONSIN	
PROJECT NO.	13253
SECTION	U-4

STORM SEWER SCHEDULE

REV-1 - 5/7/21
Asterisk indicates change in line item.
Bold text indicates changed columns.

RESURFACING - E. GORHAM ST.
PROJECT NO. 13253
SHEET NO. U-5
STORM SEWER SCHEDULE
CITY OF MADISON

PROPOSED STORM STRUCTURES

STRUC. NO.	STATION	LOCATION (OFFSET)	TYPE	TOP OF CASTING	E.I.	DEPTH	NOTES
E. GORHAM ST.							
T-1 (GOR)	13+35.16	RT-12.74	TAP	-	852.09	-	TAP EX AS5047-003
S-1 (GOR)	13+11.79	RT-12.69	H INLET	856.06	852.23	3.83	W/ R-3067-7004-V
S-2 (GOR)	13+01.12	LT-29.33	3X3 SAS	856.41	853.41	3.00	FP W/ R-1550-0054 [2]
S-3 (GOR)	12+99.24	LT-23.29	H INLET	856.36	853.44	2.92	W/ R-3067-7004-V
S-4 (GOR)	13+89.33	RT-60.33	3X3 SAS	854.94	851.55	3.39	FP W/ R-1550-0054 [2]
S-5 (GOR)	13+94.26	RT-61.98	H INLET	855.21	852.85	2.36	FP W/ R-3067-7004-VB (LP)
S-6 (GOR)	32+32.63	LT-21.39	H INLET	867.54	863.14	4.40	W/ R-3067-7004-V
S-7 (GOR)	50+68.70	LT-16.89	H INLET	859.8	856.83	2.97	W/ R-3067-7004-V
T-2 (GOR)	52+34.17	LT-17.21	TAP	-	854.97	-	TAP EX IN5344-050
S-8 (GOR)	59+09.97	LT-17.27	H INLET	852.68	849.27	3.41	W/ R-3067-7004-V
T-3 (GOR)*	36+49.67	RT-18.60	TAP	-	850.10	-	TAP EX IN5245-022
S-9 (GOR)*	39+10.76	RT-11.03	3X3 SAS	852.49	850.19	2.30	FP W/ R-1550-0054
S-10 (GOR)*	37+38.22	RT-10.23	3X3 SAS	853.10	850.96	2.14	FP W/ R-1550-0054
S-11 (GOR)*	37+24.30	RT-14.83	H INLET	853.18	851.02	2.16	FP W/ R-3067-7004-VB (LP)
S-12 (GOR)*	36+86.54	RT-14.75	H INLET	853.50	851.40	2.10	W/ R-3067-7004-V

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
P-1 (GOR)	T-1 (GOR)	S-1 (GOR)	852.09	852.23	27	22	0.63%	12"	RCP	
P-2 (GOR)	S-3 (GOR)	S-2 (GOR)	854.60	854.70	7	4	2.42%	12"	RCP	
P-3 (GOR)	S-5 (GOR)	S-4 (GOR)	852.8	852.85	5	2	2.50%	12"	RCP	
P-4 (GOR)	AS5246-079	S-6 (GOR)	859.43	863.14	82	79	4.70%	12"	RCP	
P-5 (GOR)	T-2 (GOR)	S-7 (GOR)	854.97	856.83	167	164	1.13%	12"	RCP	
P-6 (GOR)	S-8 (GOR)	IN5344-056	849.44	849.50	20	17	0.35%	12"	RCP	
P-7 (GOR)	IN5344-052	S-8 (GOR)	849.07	849.27	23	19	1.06%	15"	RCP	
P-8 (GOR)*	T-3 (GOR)	S-9 (GOR)	850.10	850.19	24	21	0.44%	10"	TYPE III	[3][4]
P-9 (GOR)*	S-9 (GOR)	S-10 (GOR)	850.25	850.96	173	170	0.42%	10"	TYPE III	[3][4]
P-10 (GOR)*	S-10 (GOR)	S-11 (GOR)	850.96	851.02	15	11	0.52%	10"	TYPE III	[3][4]
P-11 (GOR)*	S-12 (GOR)	S-12 (GOR)	851.25	851.40	38	35	0.43%	10"	TYPE III	[3][4]

STORM STRUCTURE ADJUSTMENTS

STRUC. NO.	STATION	LOCATION (OFFSET)	TYPE	EX. TOC	PROP. TOC	DIF. (FT)	NOTES
E. GORHAM ST.							
ADJ-1	14+12.29	RT-13.45	INLET	854.93	854.94	0.01	[1]

REMOVE STORM STRUCTURES

STRUC. NO.	ID NO	STATION	LOCATION (OFFSET)	TYPE	NOTES
E. GORHAM ST.					

REMOVE STORM PIPES

PIPE NO.	FROM (DNSTM)	TO (UPSTM)	LGTH (FT)	PIPE SIZE	TYPE	PAID (Y/N)	NOTES
RP-1 (GOR)	EX AS5047-003	S-1 (GOR)	27	12"	RCP	Y	
RP-2 (GOR)	EX AS5047-002	S-2 (GOR)	8	12"	RCP	Y	
RP-3 (GOR)	EX AS5047-000	RS-3 (GOR)	9	12"	RCP	Y	
RP-4 (GOR)	EX AS5246-079	RS-4 (GOR)	45	12"	RCP	N	
RP-5 (GOR)	RS-5 (GOR)	EX IN5344-056	21	12"	RCP	Y	
RP-6 (GOR)	EX IN5344-052	RS-5 (GOR)	23	15"	RCP	Y	

ULO LOCATIONS

ULO NO.	STATION	LOCATION (OFFSET)	TYPE	NOTES	ELEV. @ TOP
ULO 1	12+99.27	LT-22.31	ELEC		
ULO 2	32+79.84	LT-19.98	GAS		
ULO 3	59+22.49	LT-24.42	GAS		
ULO4A*	39+29.5	RT-17.90	ELEC	4" PVC EMPTY	851.12
ULO4B*	39+29.1	RT-18.20	ELEC	4" PVC	849.97
ULO10*	38+93.4	RT-11.00	GAS	1.5" STEEL	850.08
ULO11*	38+34.1	RT-11.00	GAS	1.5" STEEL	850.3
ULO12*	38+26.7	RT-10.80	GAS	1" PVC	849.94
ULO13*	37+30.6	RT-10.70	GAS	2" PVC	850.01
ULO14A*	37+07.4	RT-13.10	ELEC	2" PVC	850.93
ULO14B*	37+06.9	RT-13.00	ELEC	4" PVC	851.24
ULO14C*	37+06.4	RT-12.80	ELEC	CONC.	850.48

SPECIFIC NOTES:

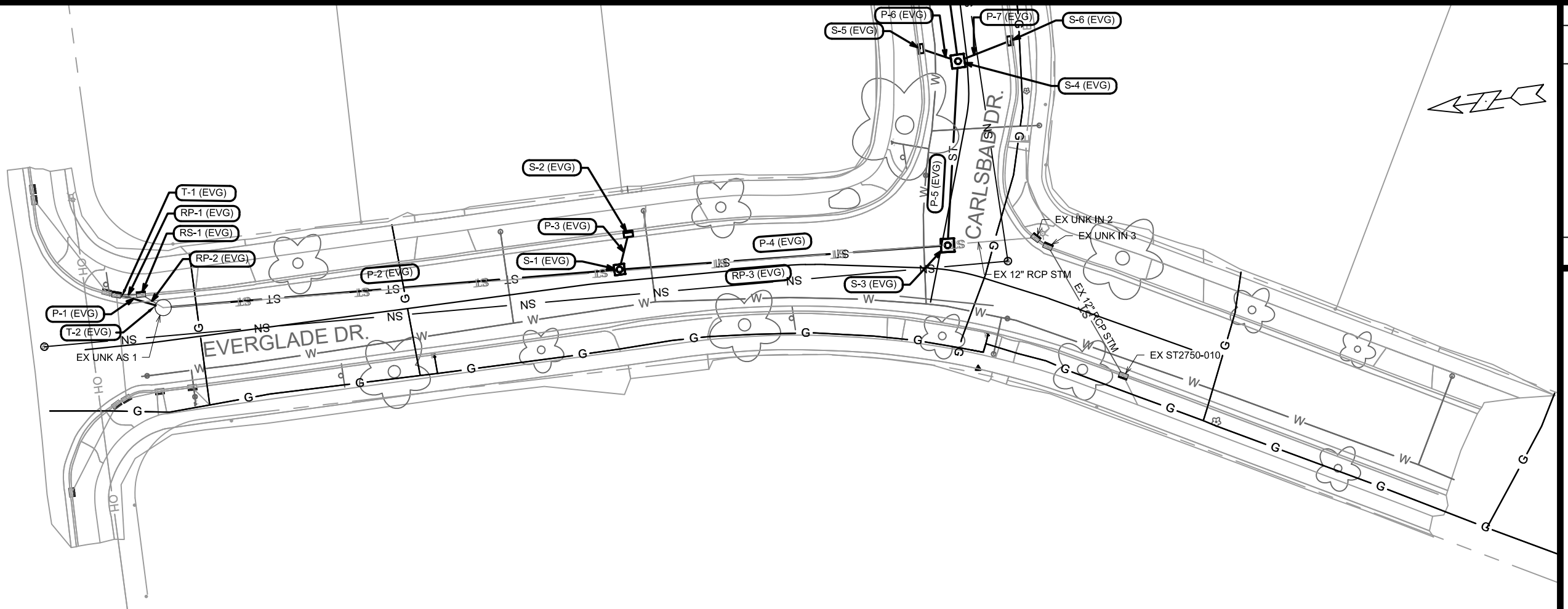
- [1] Adjust inlet to match new curb line - paid under bid items 40364 and 40366
- [2] Cut existing storm pipe to install new FP structure in-line
- [3] Type III Storm Pressure Pipe - C900 PVC per standard spec 504.2 (f)
- [4] Add insulation above storm pipe

STANDARD NOTES:

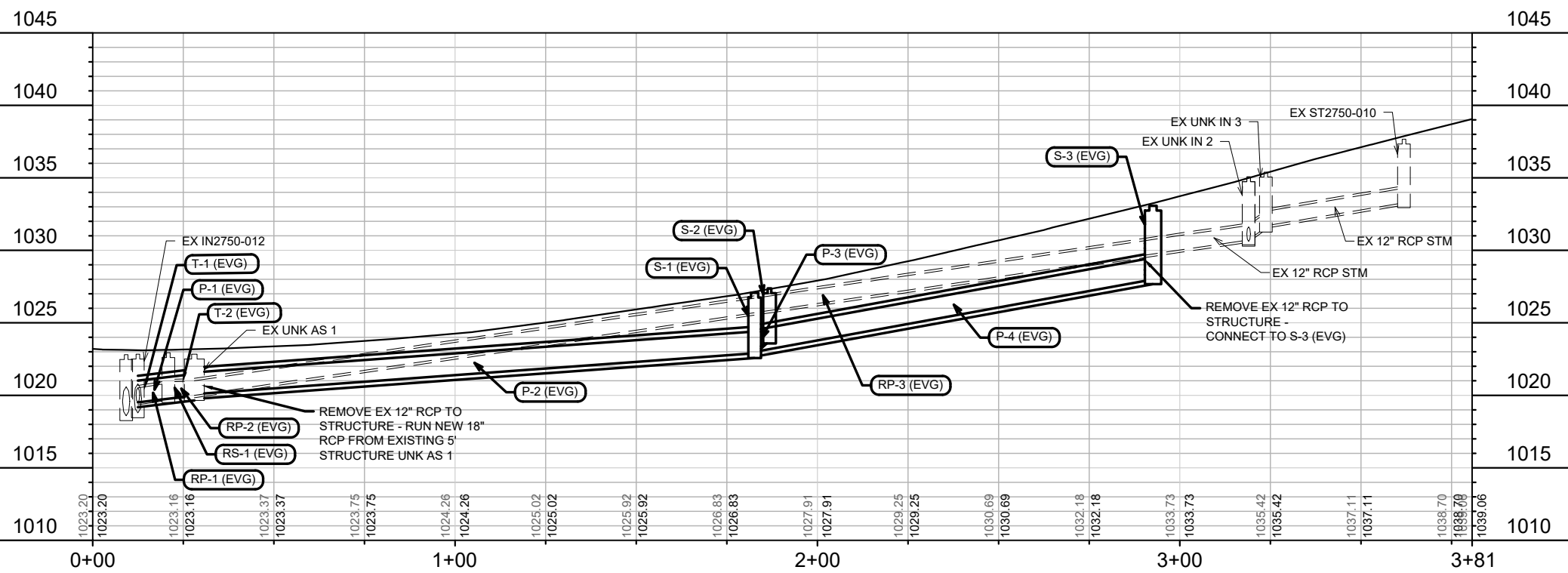
- PLAN LENGTH (PAY LENGTH) IS FROM CENTER OF STRUCTURE TO CENTER OF STRUCTURE. PIPE LENGTH IS ACTUAL LENGTH OF PIPE FROM STRUCTURE WALL TO STRUCTURE WALL. SLOPE CALCULATED USING PIPE LENGTH.
- ABBREVIATIONS: AE = APRON ENDWALL; RCP = REINFORCED CONCRETE PIPE; HERCP = HORIZONTAL ELLIPTICAL REINFORCED 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 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 LUCAS WARDELL OF CITY ENGINEERING AT (608) 243-5894 FOR PRECAST APPROVALS, FAX SHOP DRAWINGS TO (608)264-9275, OR EMAIL SHOP DRAWINGS TO LWARDELL@CITYOFMADISON.COM.



NOTE: FIELD VERIFY EXISTING STRUCTURES AND INLET ELEVATIONS



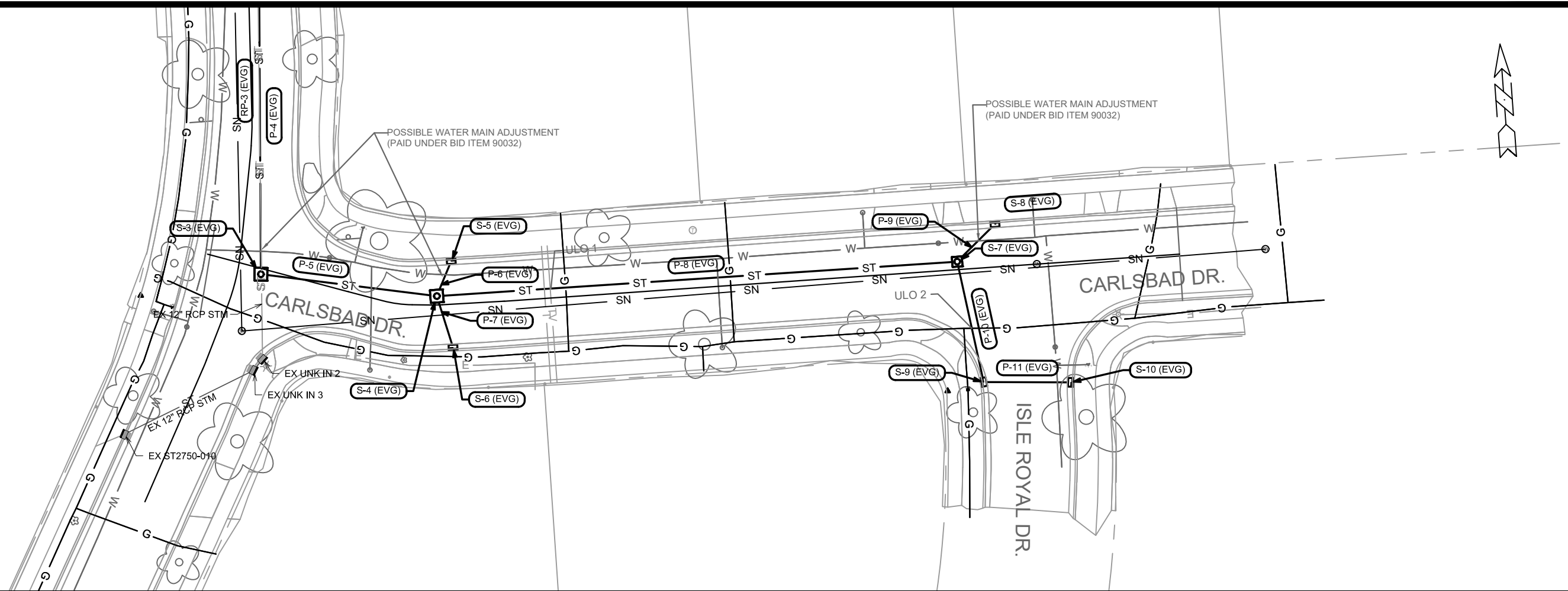
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 CONTRACT NO: 8988

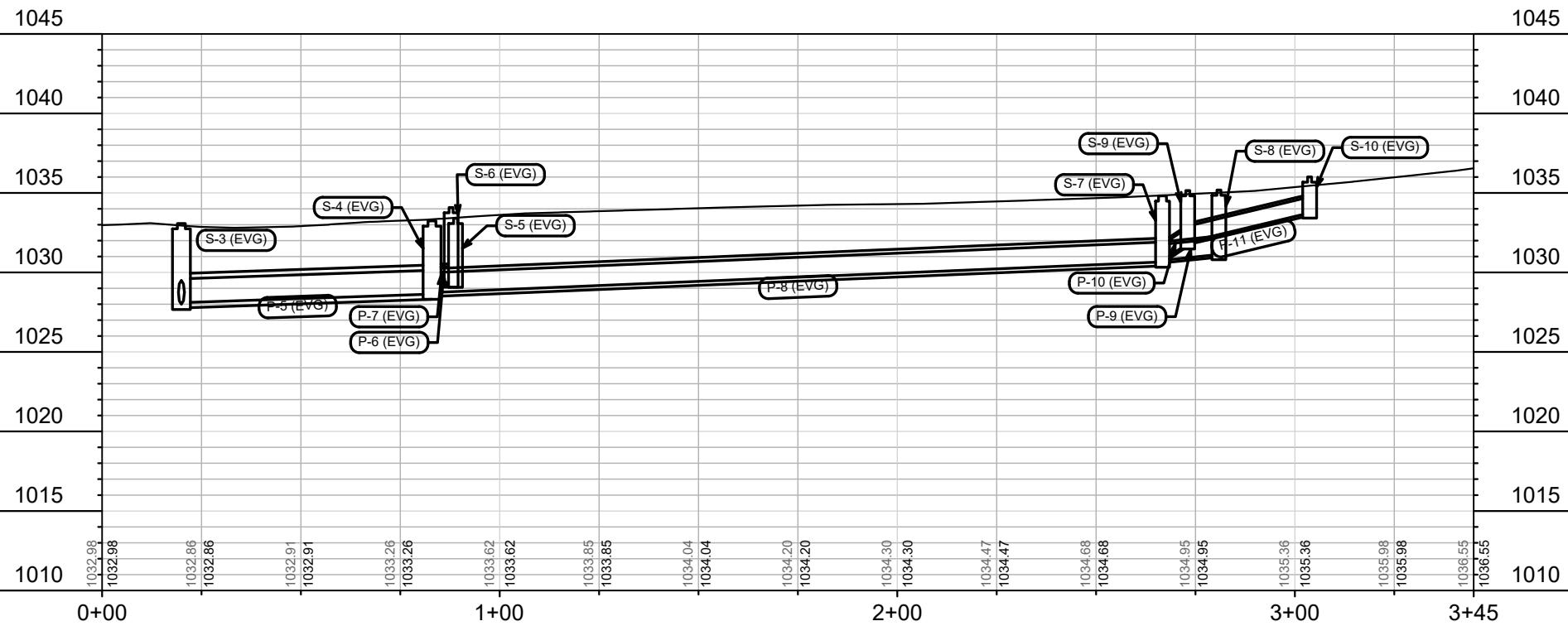
UTILITIES PLAN & PROFILE - EVERGLADE DR.
 RESURFACING 2021
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13253
 U-6



NOTE: FIELD VERIFY EXISTING STRUCTURES AND
INLET ELEVATIONS



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13253
MADISON, DANE COUNTY, WI
CONTRACT NO: 8988

UTILITIES PLAN & PROFILE - CARLSBAD DR
RESURFACING 2021
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13253
U-7

STORM SEWER SCHEDULE

RESURFACING - EVERGLADE DR.	SHEET NO.
PROJECT NO. 13253	U-8
STORM SEWER SCHEDULE	
CITY OF MADISON	

PROPOSED STORM STRUCTURES

STRUC. NO.	STATION	LOCATION (OFFSET)	TYPE	TOP OF CASTING	E.I.	DEPTH	NOTES
EVERGLADE DR.							
T-1 (EVG)	0+13.61	LT-16.50	TAP	-	1019.51	-	TAP EX IN2750-012
T-2 (EVG)	0+25.54	LT-12.38	TAP	-	1019.98	-	TAP EX UNK AS 1
S-1 (EVG)	1+82.68	LT-3.94	3x3 SAS	1027.08	1022.90	4.18	W/ R-1550-0054
S-2 (EVG)	1+86.79	LT-15.66	H INLET	1027.38	1023.91	3.47	W/ R-3067-7004-V
S-3 (EVG)	2+92.62	LT-8.26	4x4 SAS	1033.08	1028.00	5.08	W/ R-3067-7004-V

CARLSBAD DR.

S-4 (EVG)	0+82.98	LT-3.12	4X4 SAS	1033.17	1028.64	4.53	W/ R-1550-0054
S-5 (EVG)	0+88.90	LT-15.19	H INLET	1033.41	1029.4	4.01	W/ R-3067-7004-V
S-6 (EVG)	0+87.79	RT-15.24	H INLET	1034.08	1029.41	4.67	W/ R-3067-7004-V
S-7 (EVG)	2+66.73	LT-2.82	3X3 SAS	1034.82	1030.66	4.16	W/ R-1550-0054
S-8 (EVG)	2+80.91	LT-15.07	H INLET	1035.18	1031.13	4.05	W/ R-3067-7004-V
S-9 (EVG)	2+73.07	RT-40.08	3X3 SAS	1035.15	1031.81	3.34	W/ R-3067-7004-V
S-10 (EVG)	3+03.72	RT-42.31	H INLET	1036.01	1033.75	2.26	FP W/ R-3067-7004-V

REMOVE STORM STRUCTURES

STRUC. NO.	ID NO	STATION	LOCATION (OFFSET)	TYPE	NOTES
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EVERGLADE DR.

RS-1 (EVG)	IN2750-002	0+20.87	LT-16.72	H INLET	
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ULO LOCATIONS

ULO NO.	STATION	LOCATION (OFFSET)	TYPE	NOTES
ULO 1	1+23.17	LT-3.26	TV	
ULO 2	2+70.43	21.17	GAS	

SPECIFIC NOTES:

[1] STRUCTURES LABELED EX UNK ARE EXISTING UNKNOWN STRUCTURES. FIELD VERIFY DIMENSIONS PRIOR TO CONSTRUCTION.

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.

- 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.

PROPOSED STORM PIPES

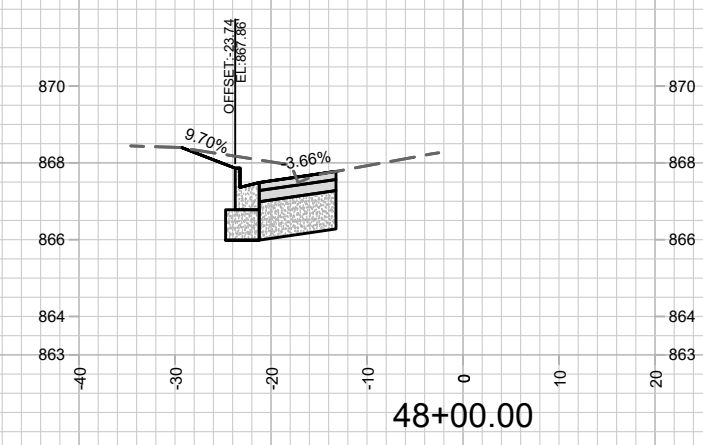
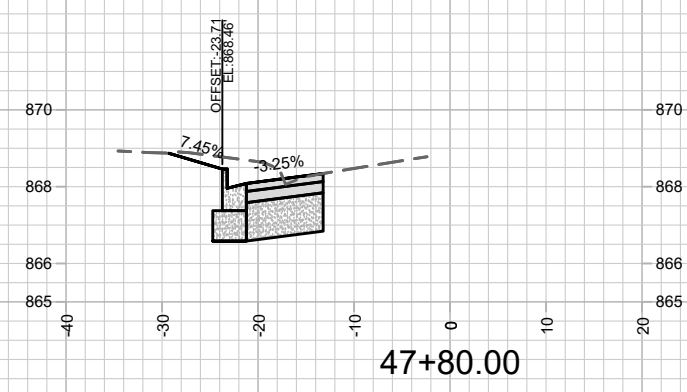
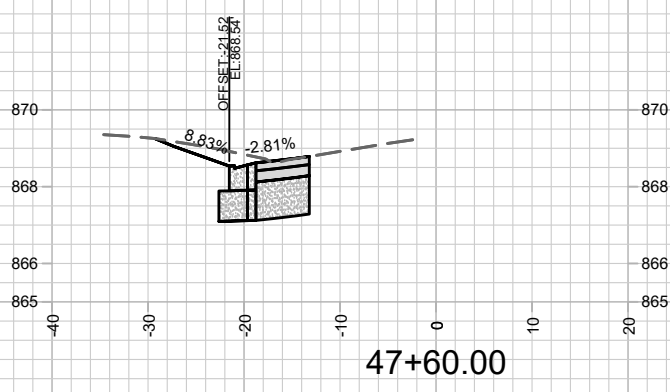
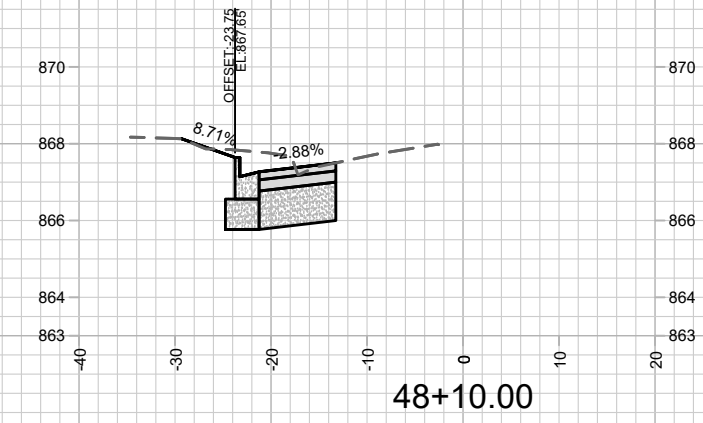
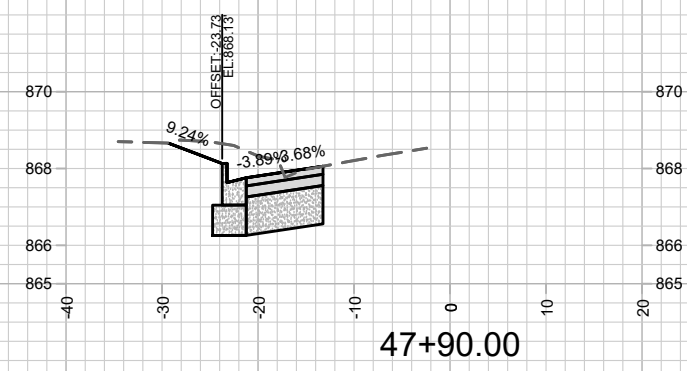
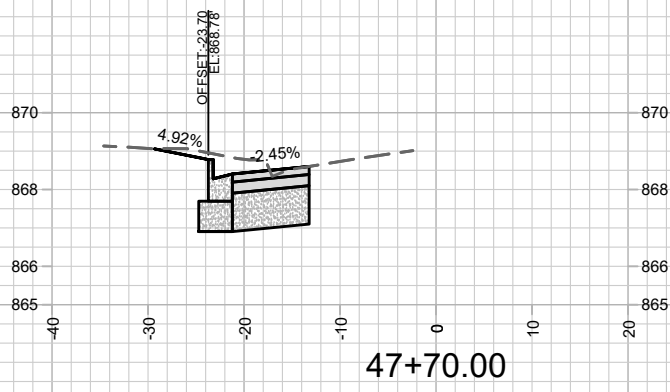
PIPE NO.	FROM (DNSTM)	TO (UPSTM)	DISCH. E.I.	INLET E.I.	PLAN (PAY) LGTH (FT)	PIPE LGTH (FT)	SLOPE (%)	PIPE SIZE	TYPE	NOTES
P-1 (EVG)	EX AS5047-003	EX UNK AS 1	1019.51	1019.98	16	14	3.45%	18"	RCP	
P-2 (EVG)	EX UNK AS 1	S-1 (EVG)	1020.08	1022.90	155	151	1.87%	18"	RCP	
P-3 (EVG)	S-1 (EVG)	S-2 (EVG)	1023.00	1023.91	12	10	9.29%	18"	RCP	
P-4 (EVG)	S-1 (EVG)	S-3 (EVG)	1023.00	1028.00	111	108	4.63%	18"	RCP	

REMOVE STORM PIPES

PIPE NO.	FROM (DNSTM)	TO (UPSTM)	LGTH (FT)	PIPE SIZE	TYPE	PAID (Y/N)	NOTES
RP-1 (EVG)	EX IN2750-012	RS-1 (EVG)	8	12"	RCP	Y	
RP-2 (EVG)	RS-1 (EVG)	EX UNK AS 1	9	12"	RCP	Y	
RP-3 (EVG)	EX UNK AS 1	S-3 (EVG)	260	12"	RCP	N	

-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 LUCAS WARDELL OF CITY ENGINEERING AT (608) 243-5894 FOR PRECAST APPROVALS, FAX SHOP DRAWINGS TO (608)264-9275, OR EMAIL SHOP DRAWINGS TO LWARDELL@CITYOFMADISON.COM.



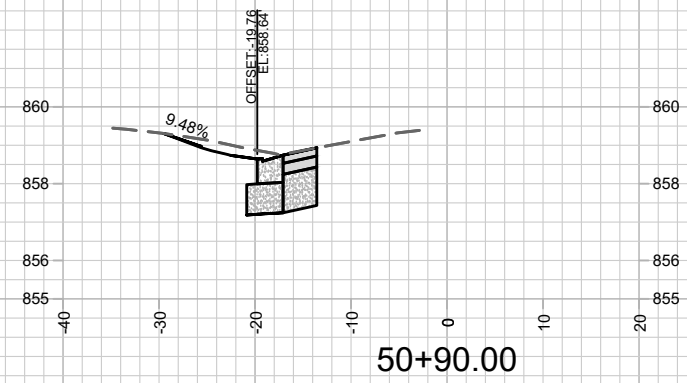
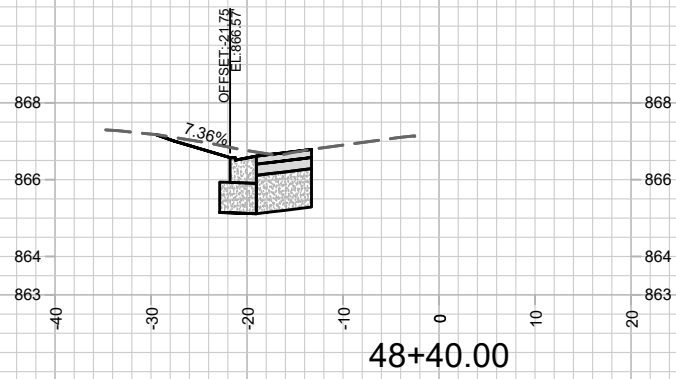
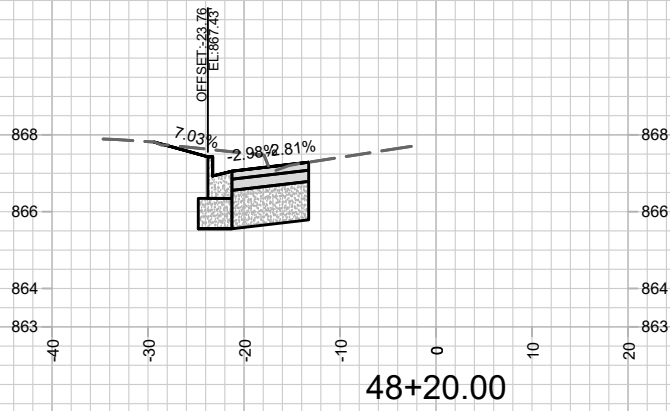
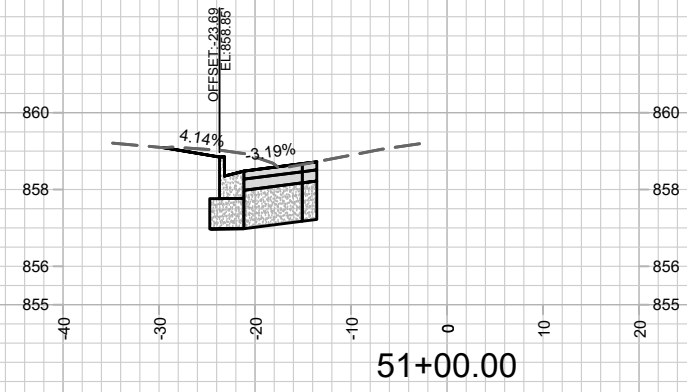
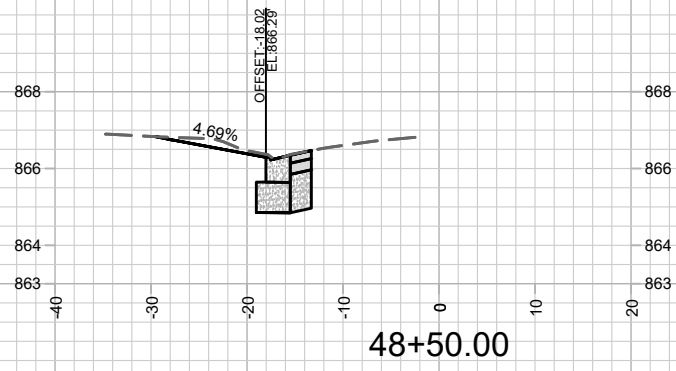
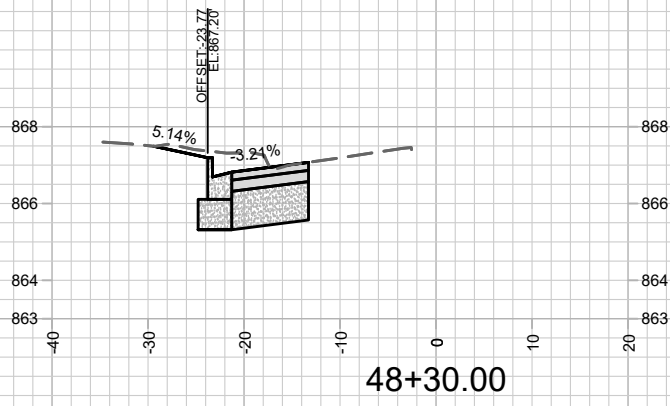
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E. GORHAM ST. CROSS SECTIONS
E. GORHAM STREET RESURFACING
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13253
X-1



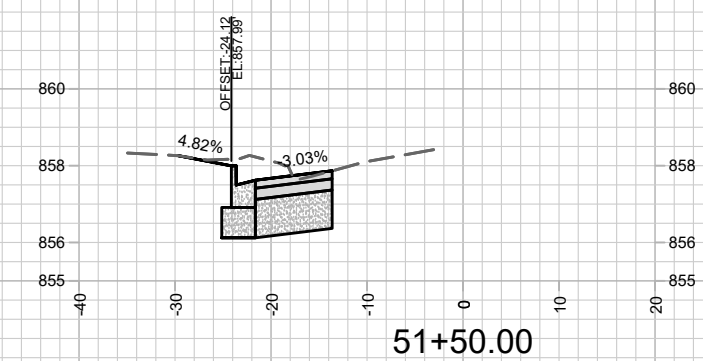
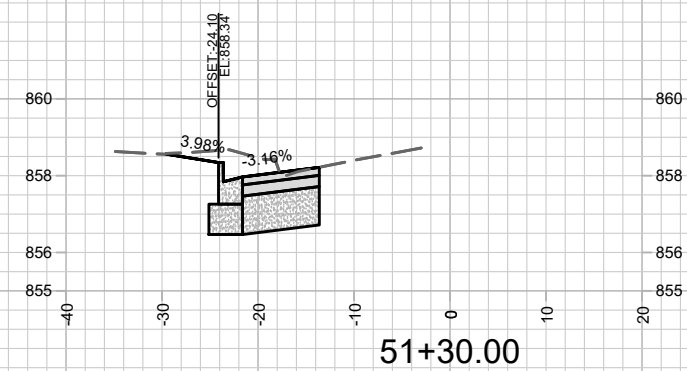
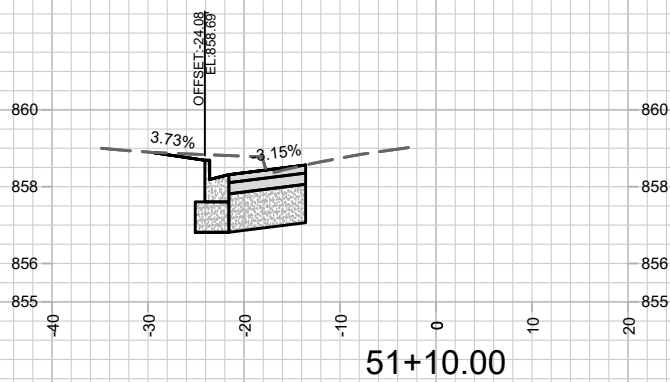
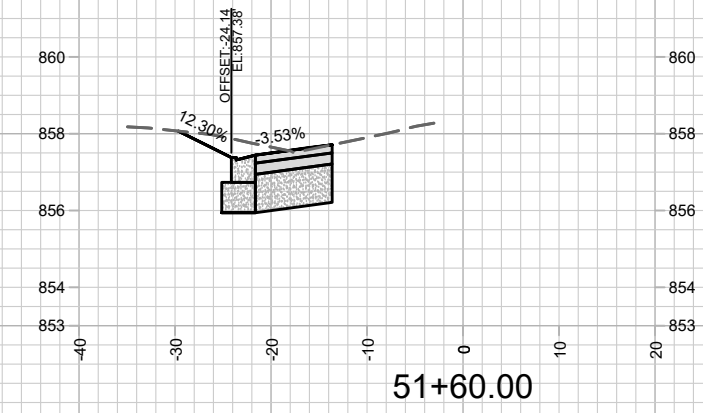
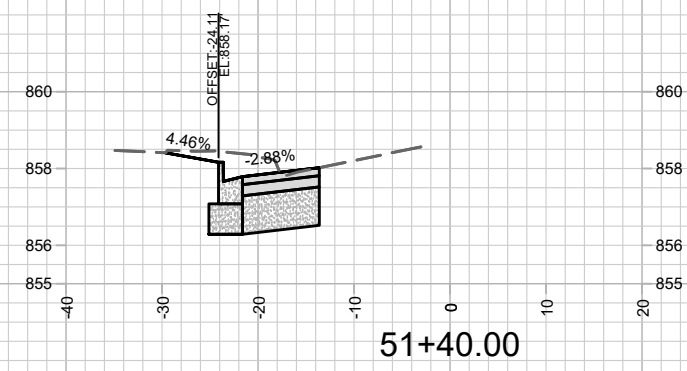
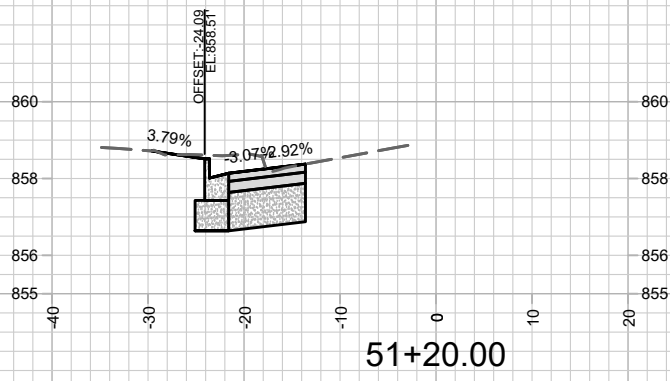
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X-2

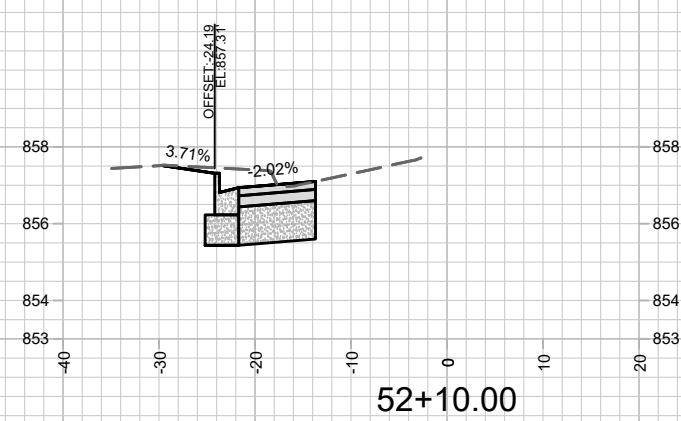
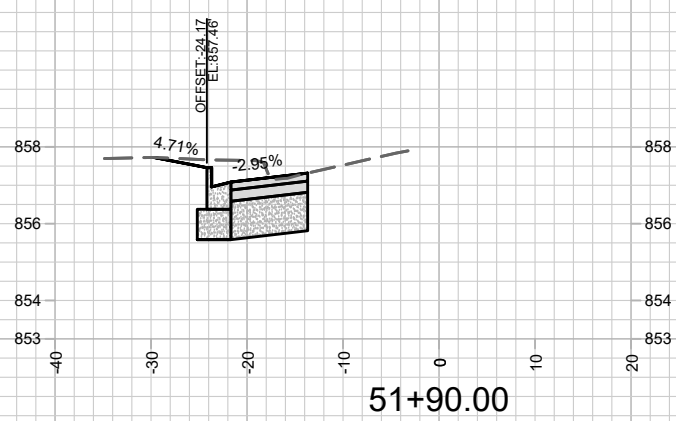
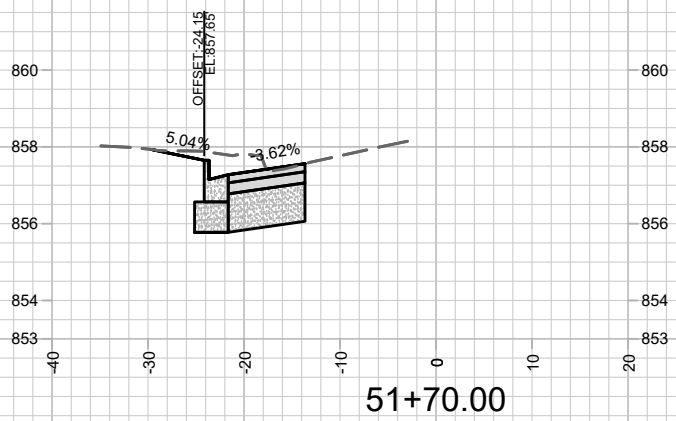
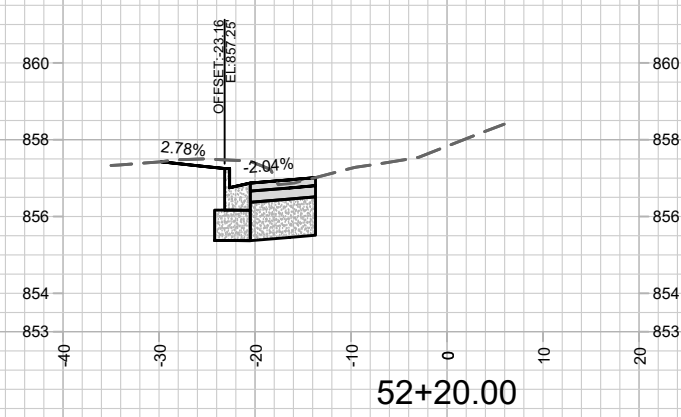
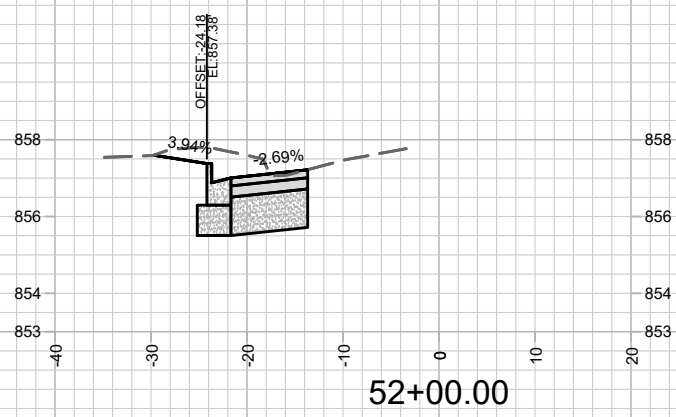
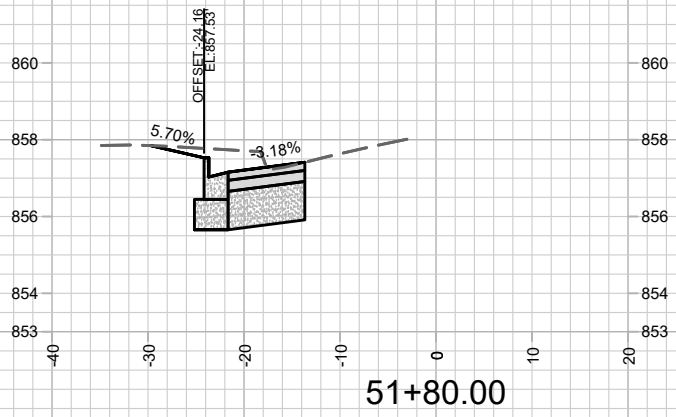


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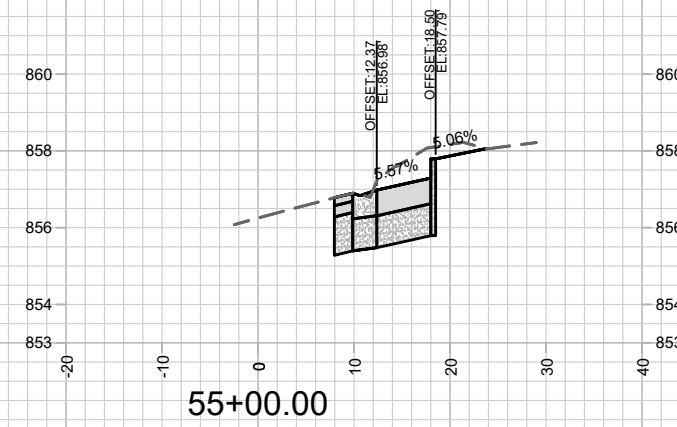
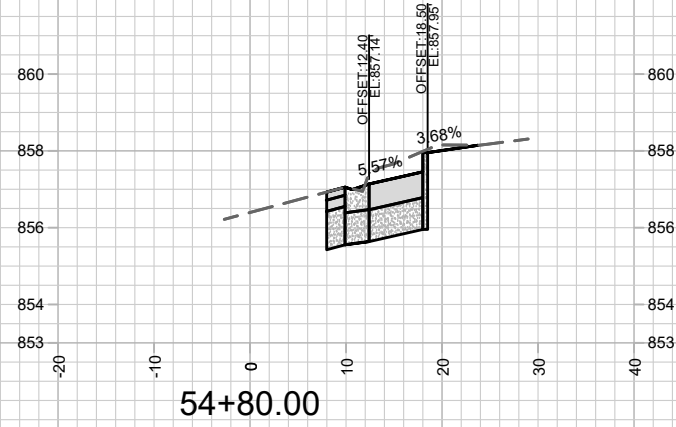
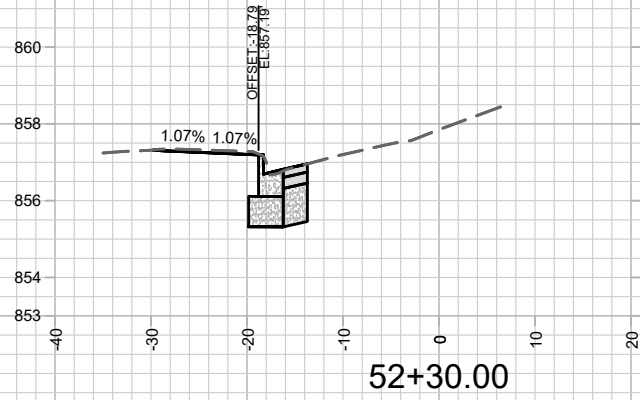
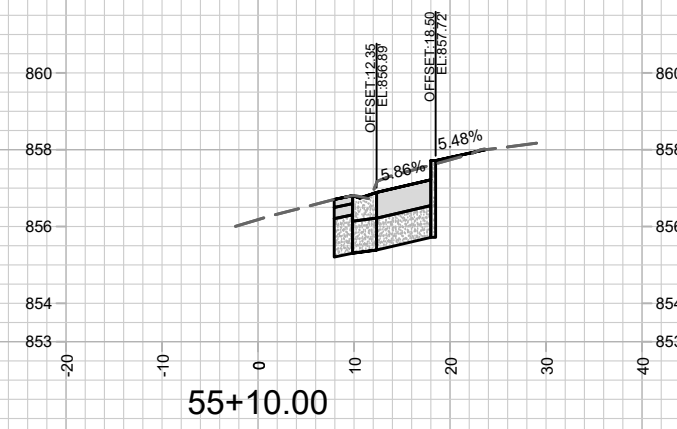
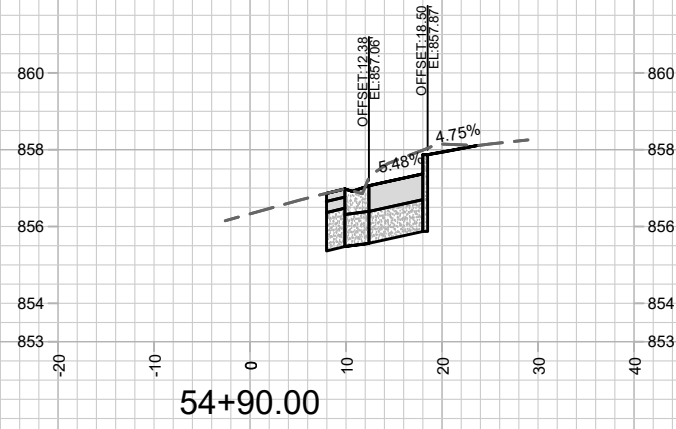
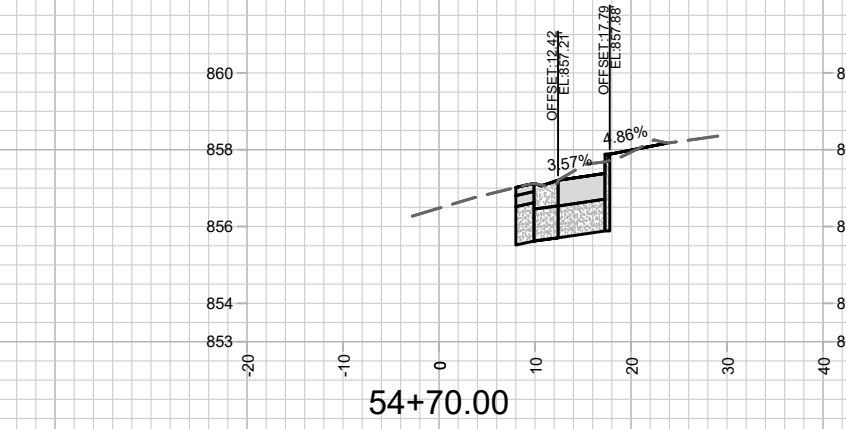
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E. GORHAM ST. CROSS SECTIONS
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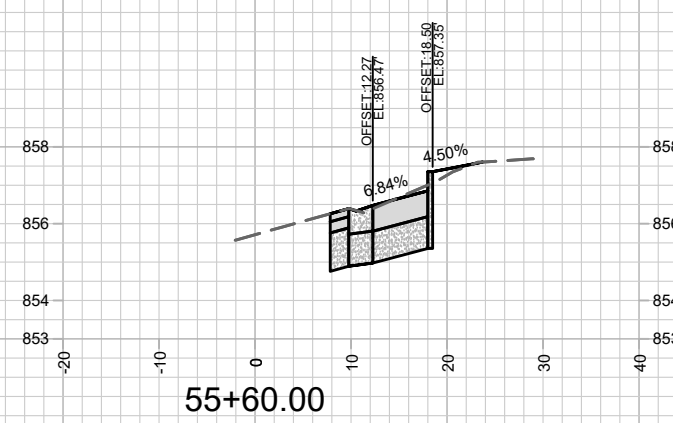
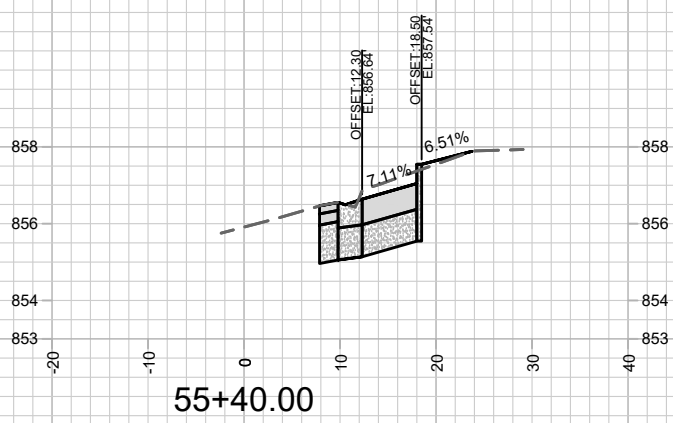
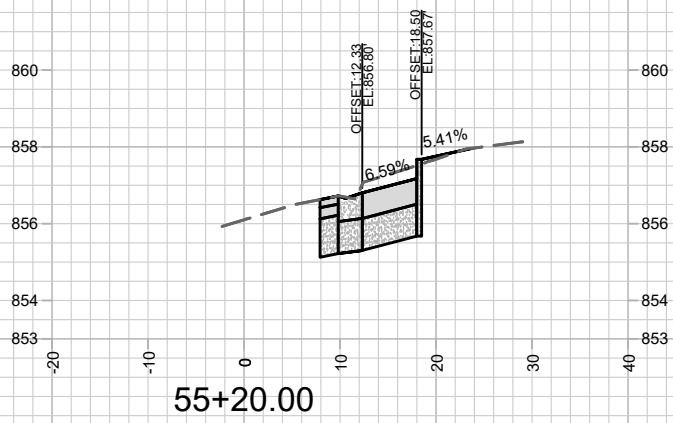
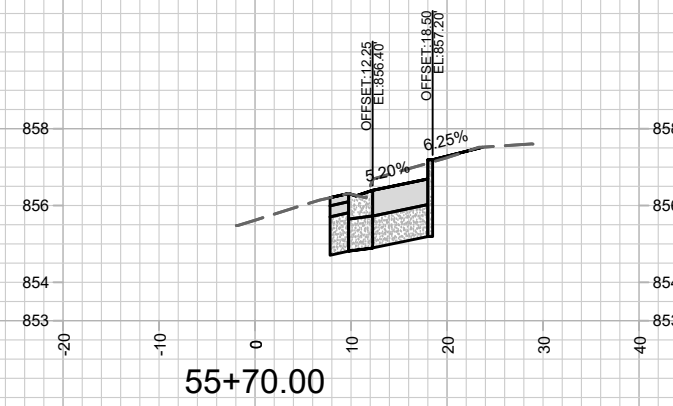
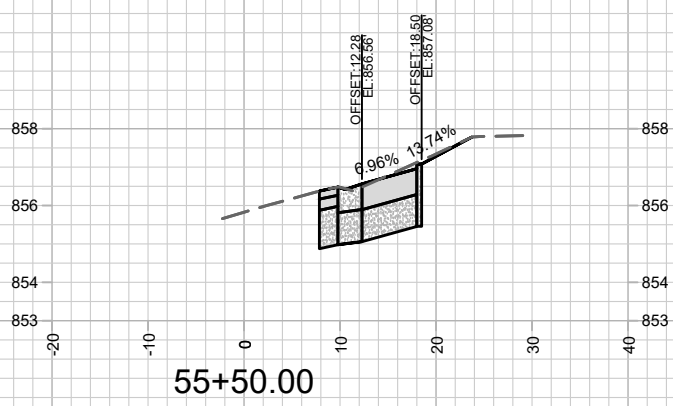
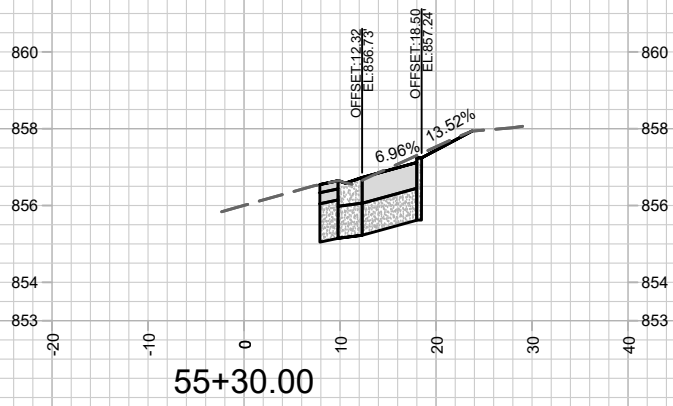


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X-4



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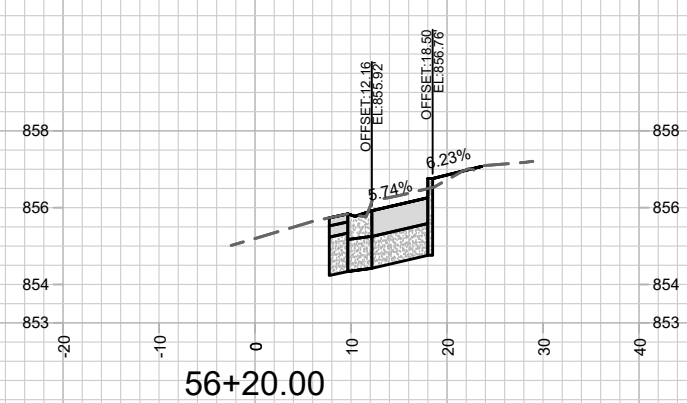
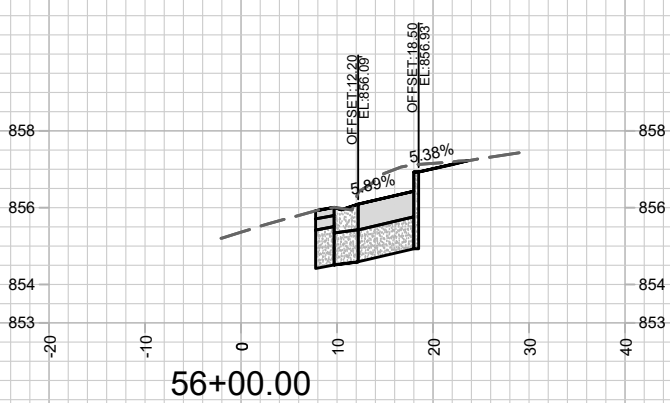
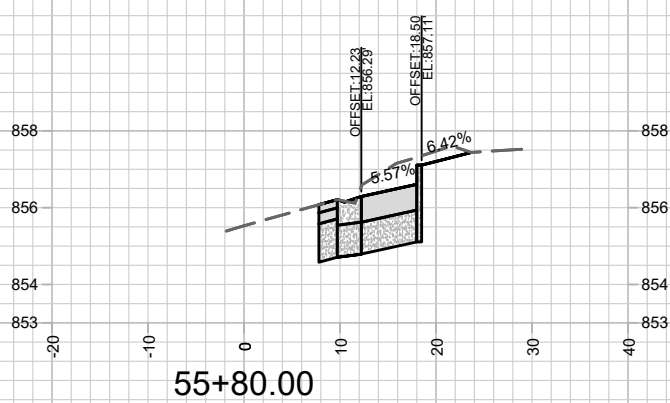
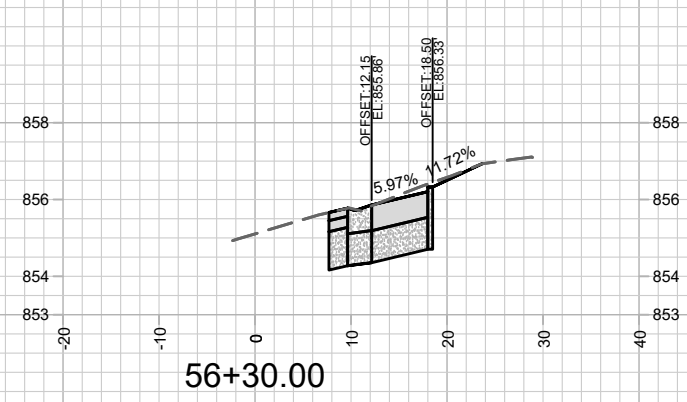
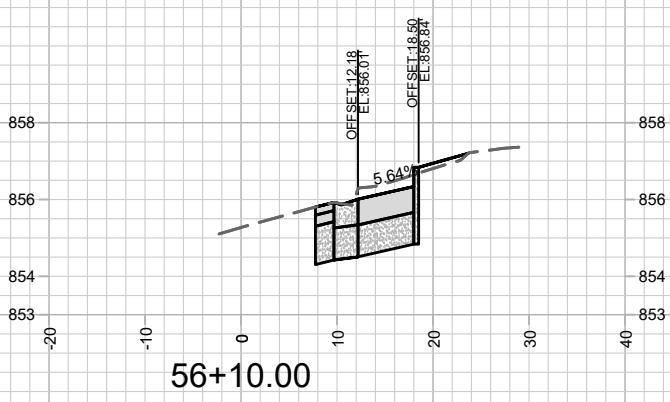
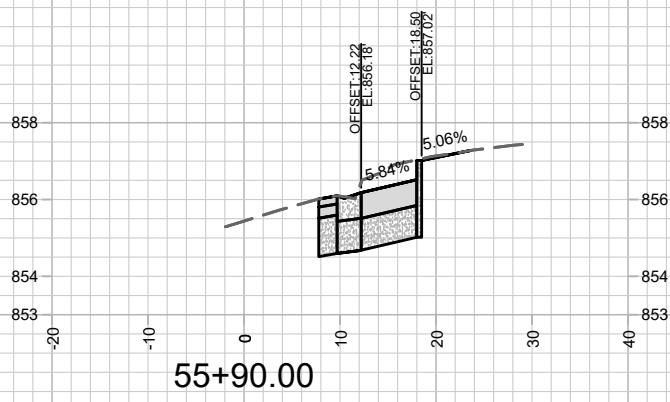


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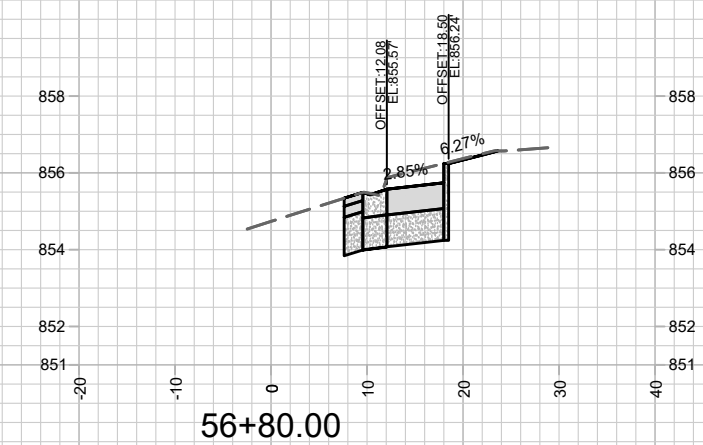
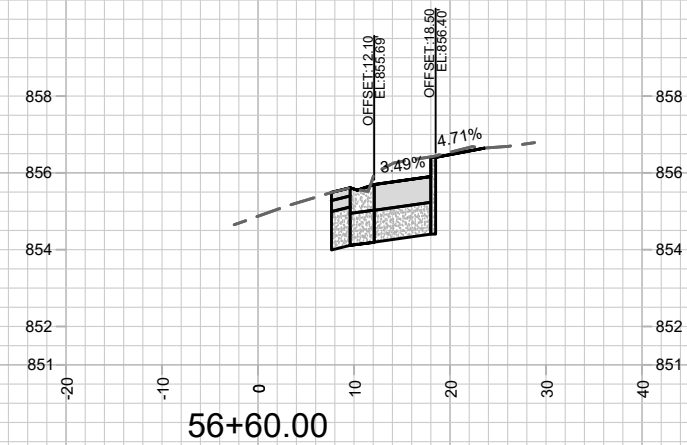
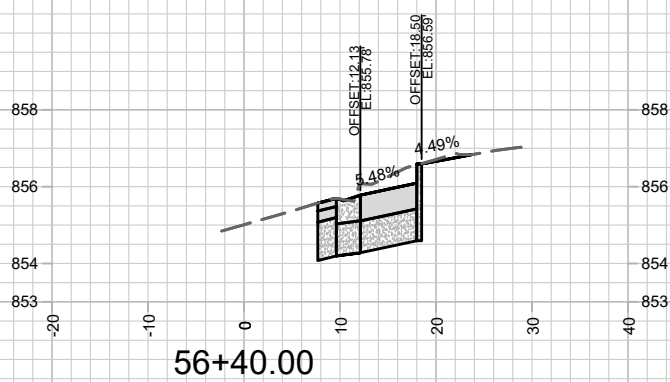
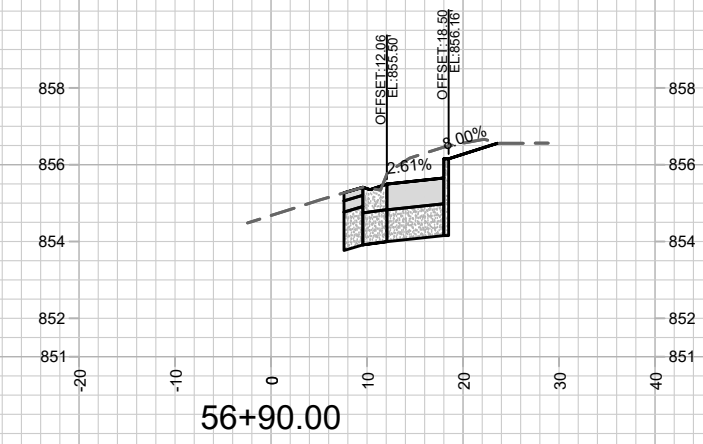
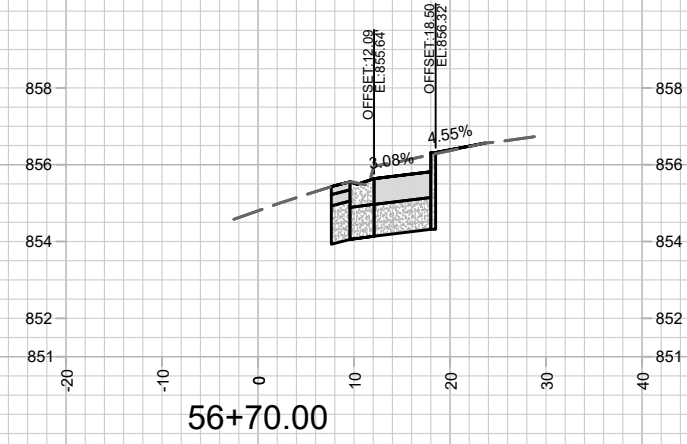
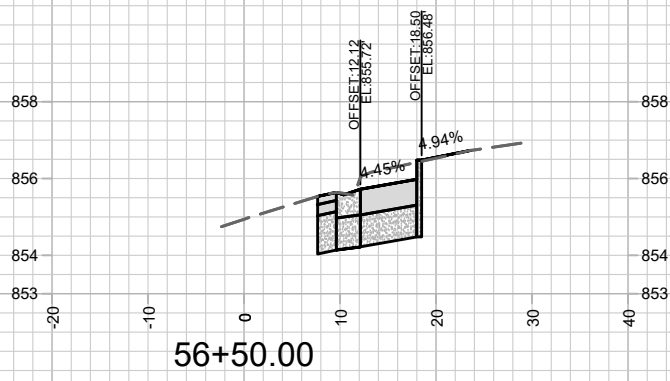
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E. GORHAM ST. CROSS SECTIONS
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X-7

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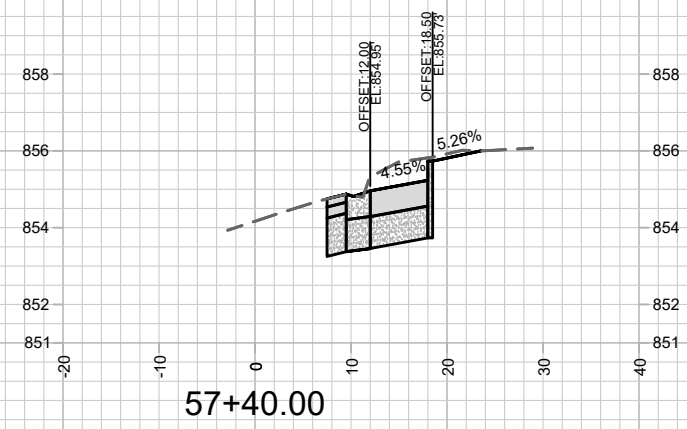
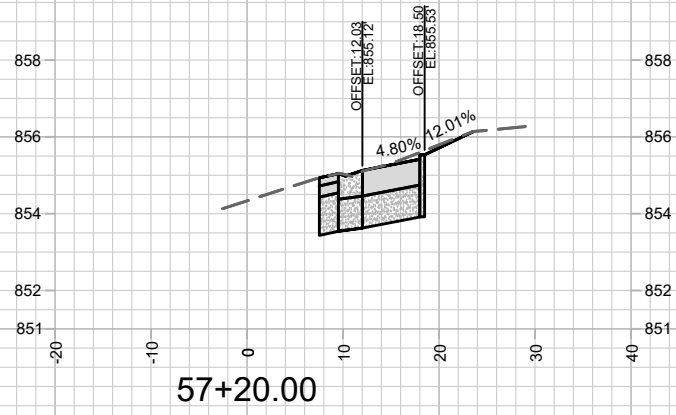
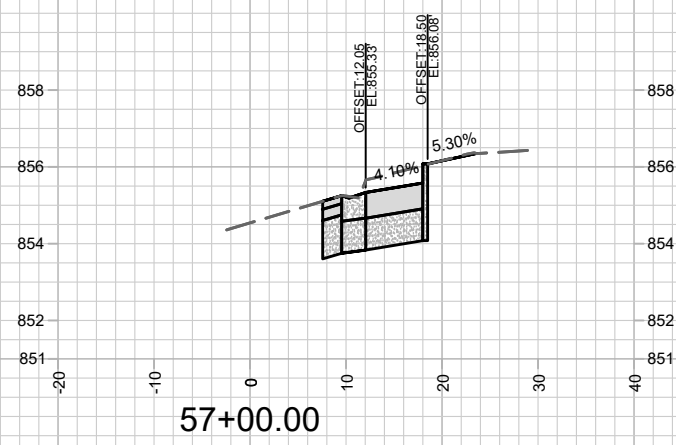
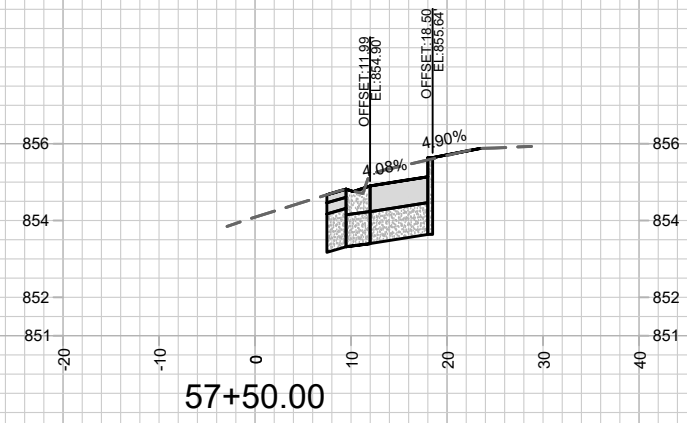
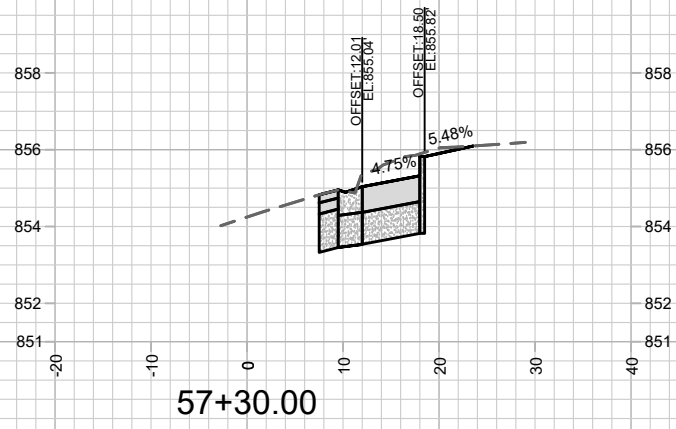
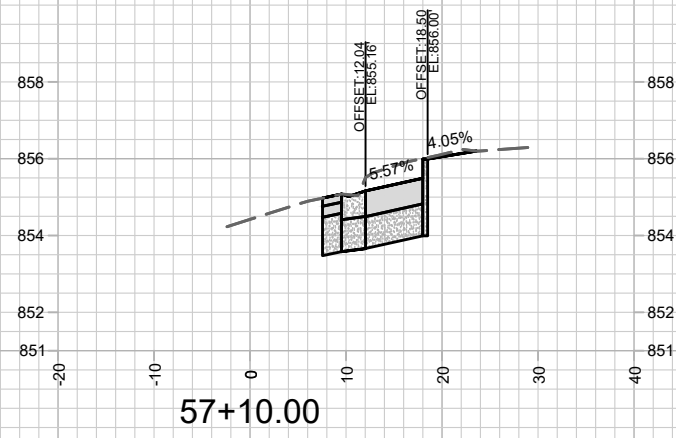
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E. GORHAM ST. CROSS SECTIONS
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13253
X-8

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X-8



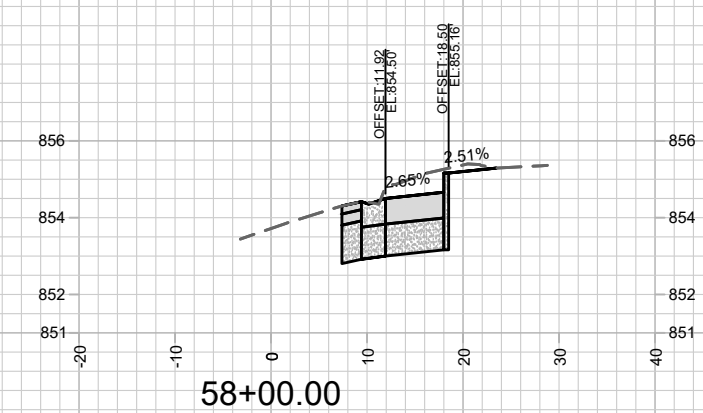
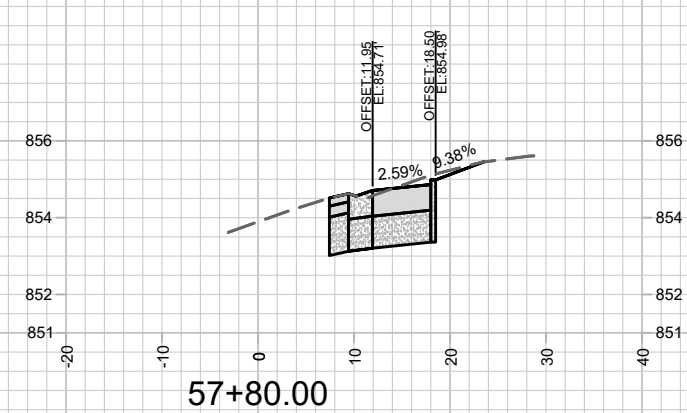
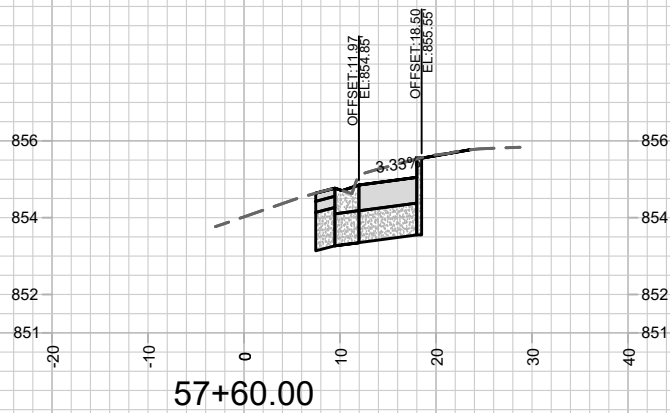
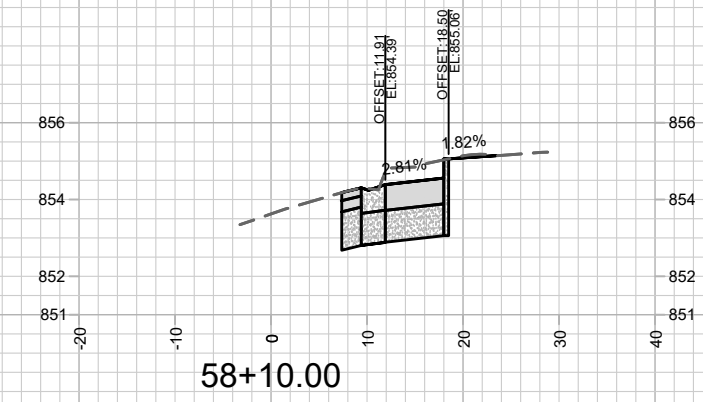
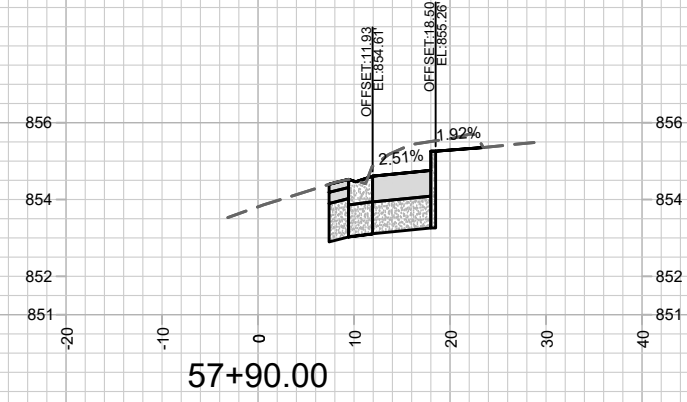
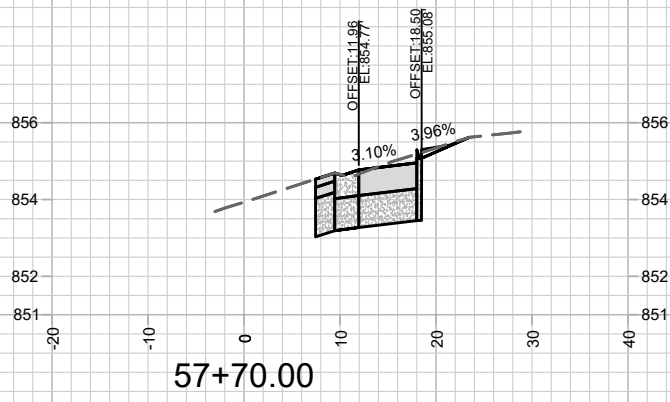
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MADISON, WI
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E. GORHAM ST. CROSS SECTIONS
E. GORHAM STREET RESURFACING
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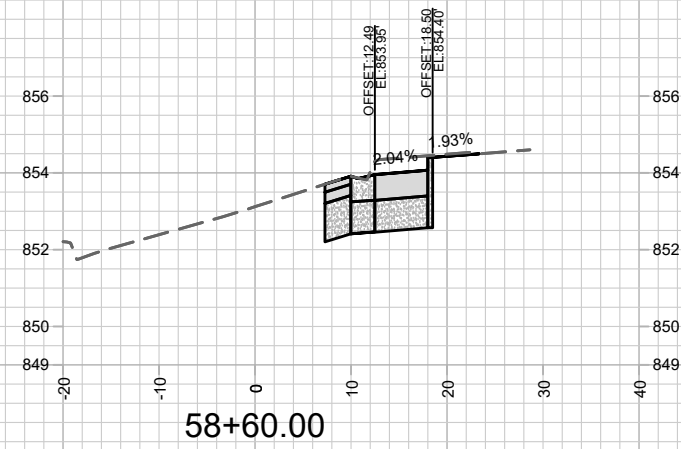
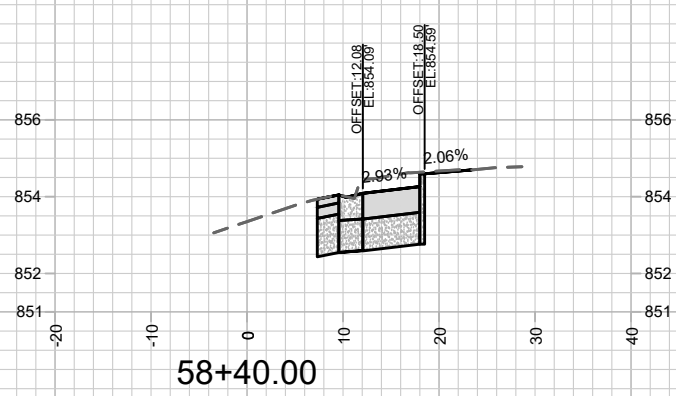
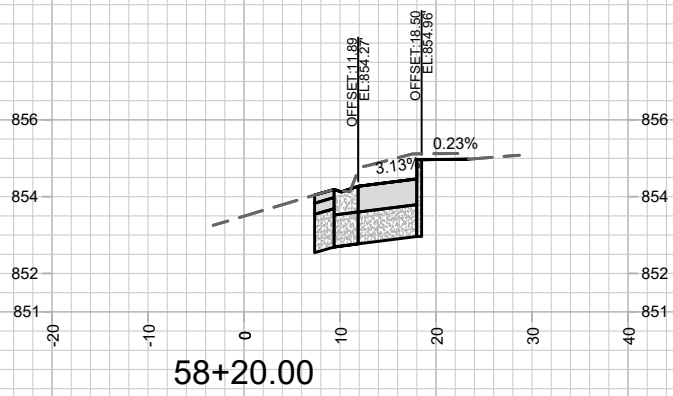
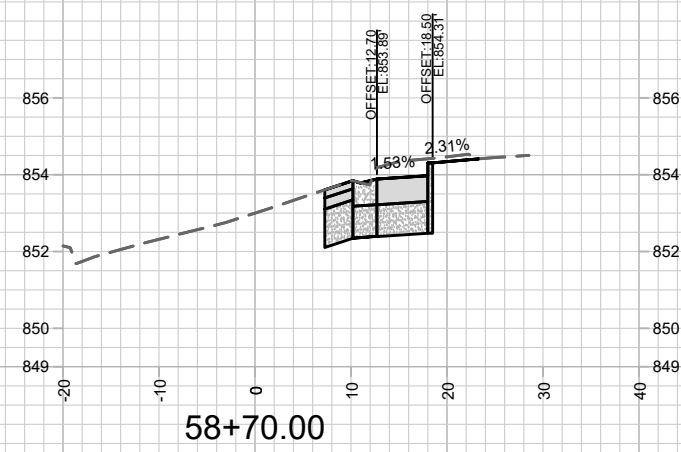
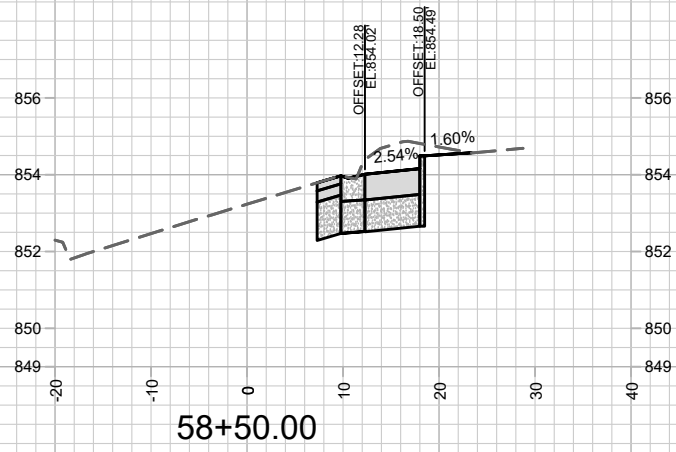
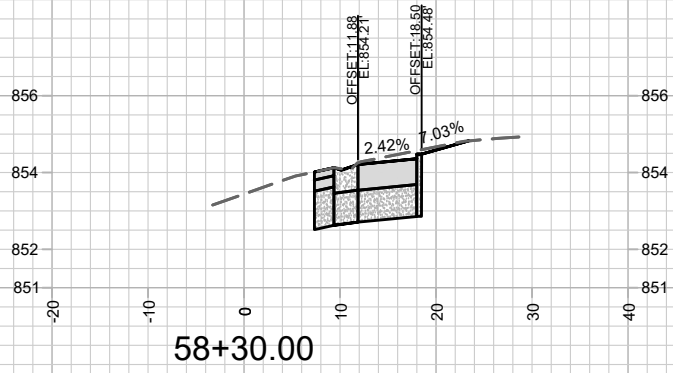
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E. GORHAM ST. CROSS SECTIONS
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X-10

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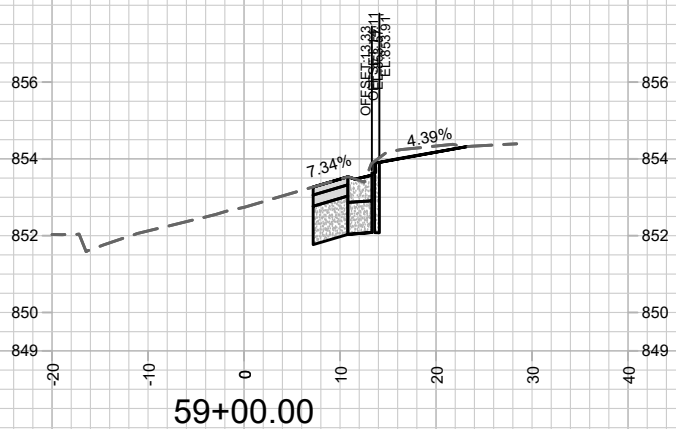
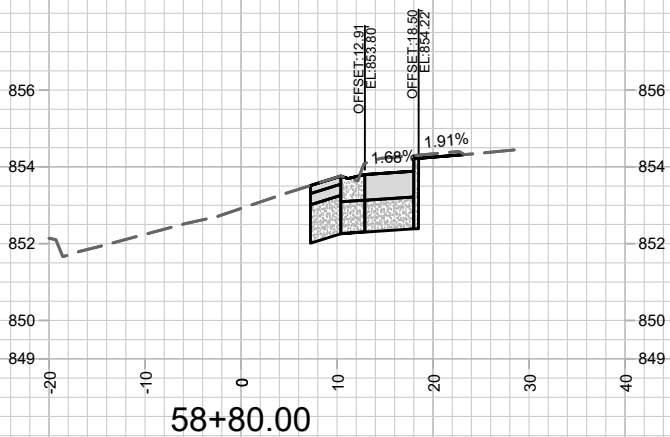
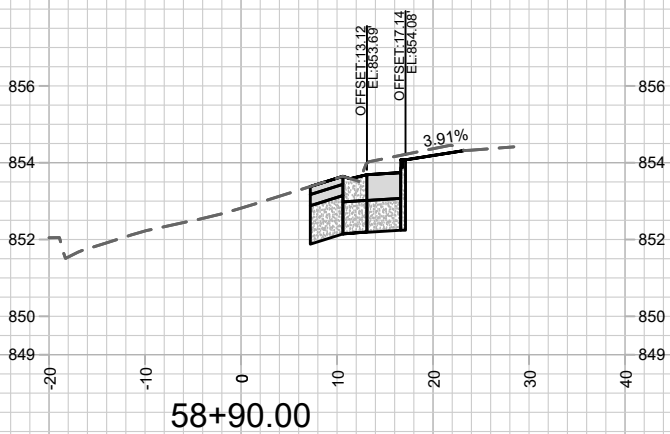
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E. GORHAM ST. CROSS SECTIONS
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13253
X-11

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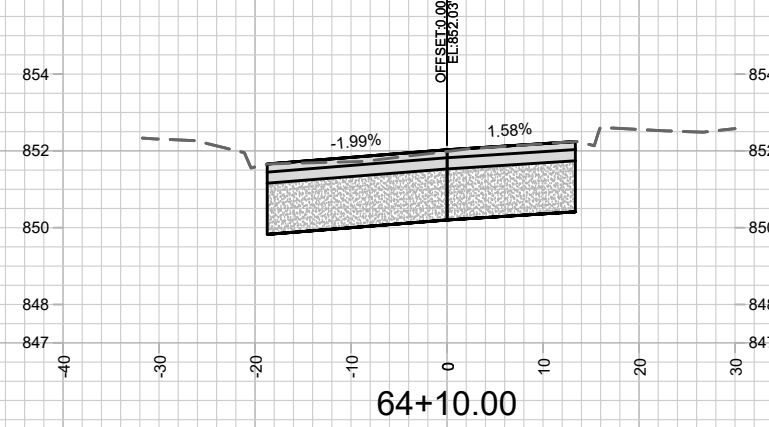
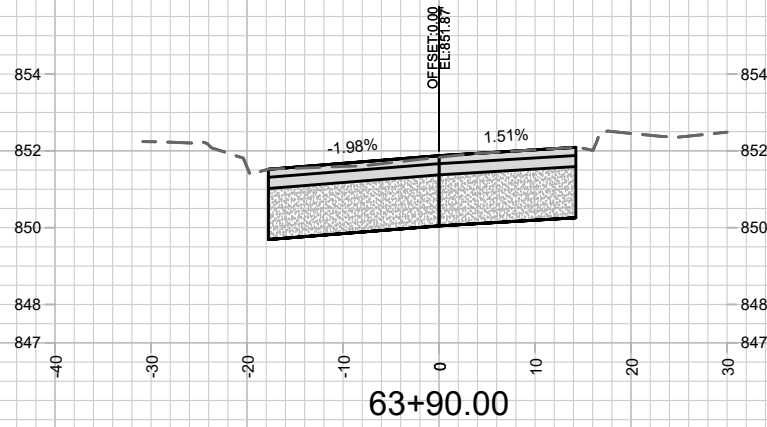
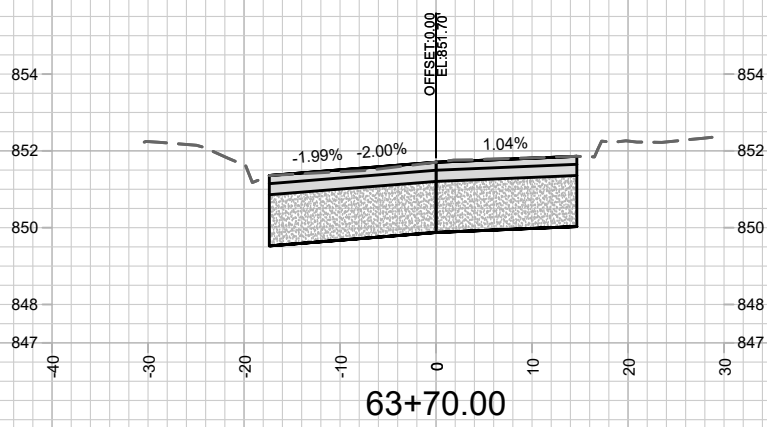
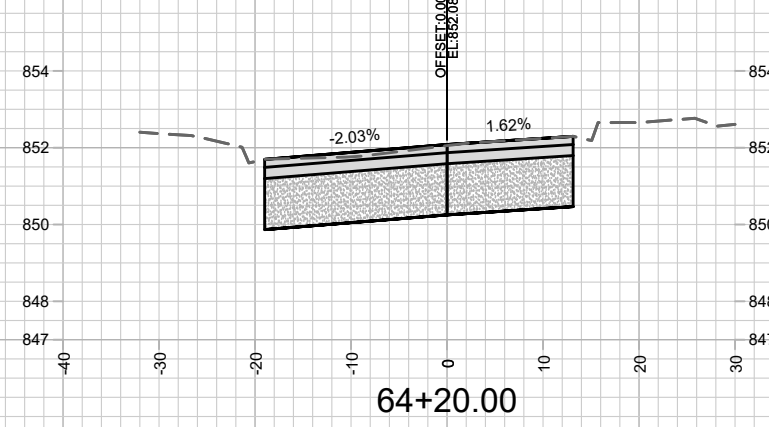
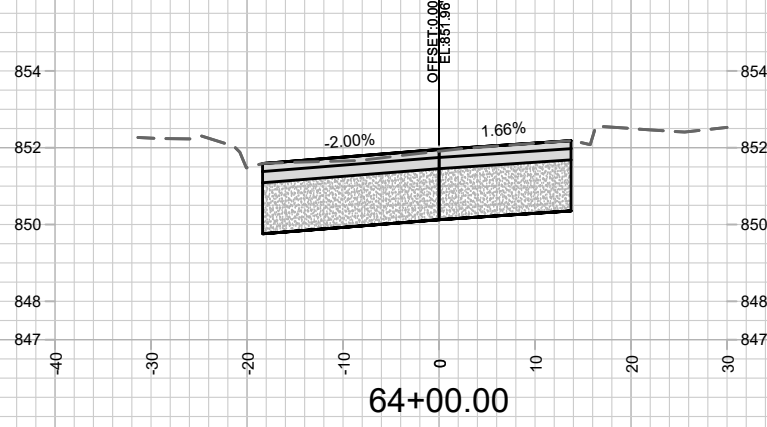
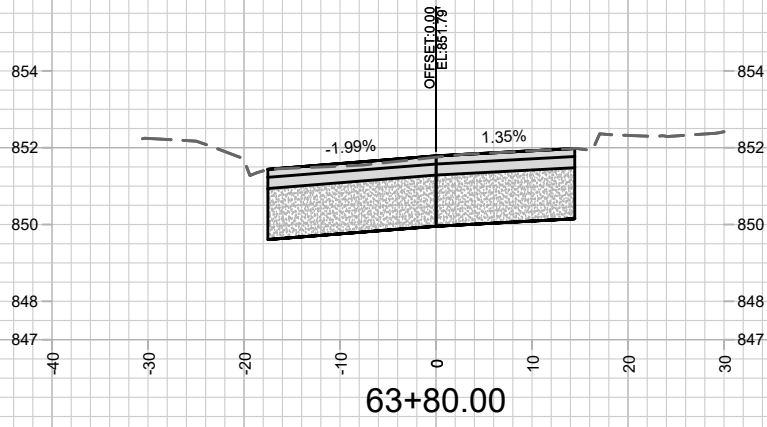
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E. GORHAM ST. CROSS SECTIONS
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 MADISON, WI
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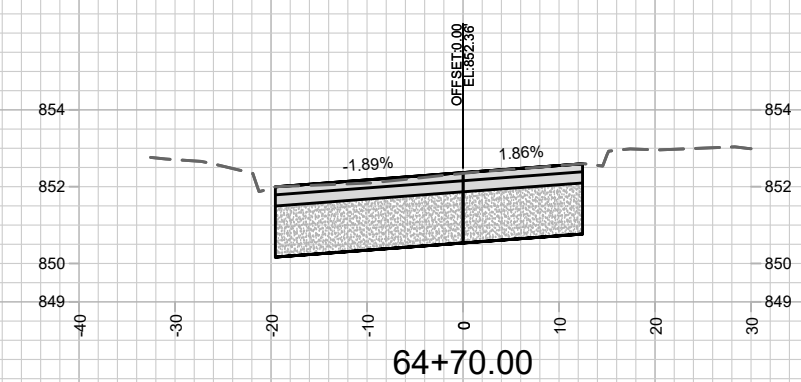
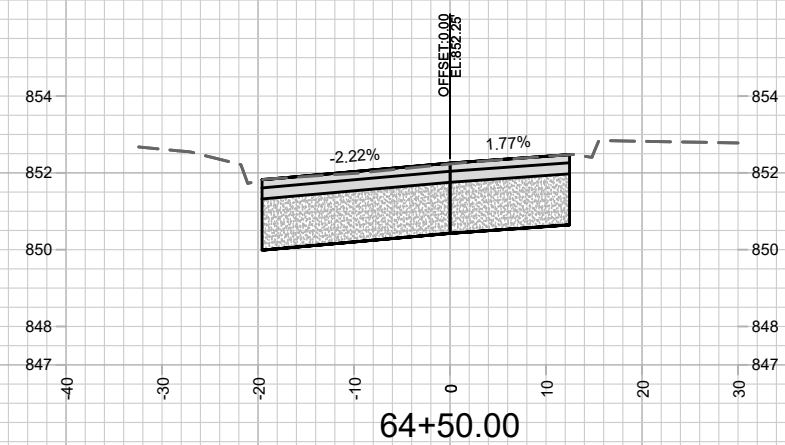
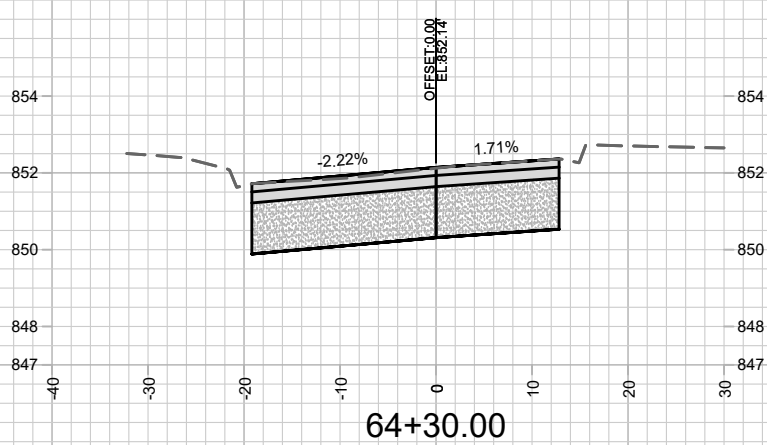
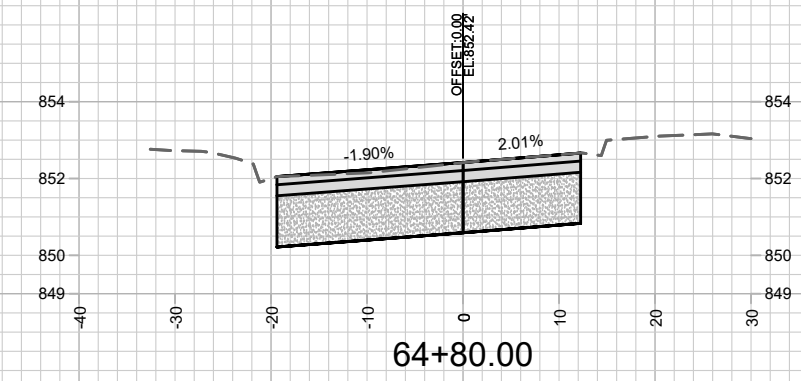
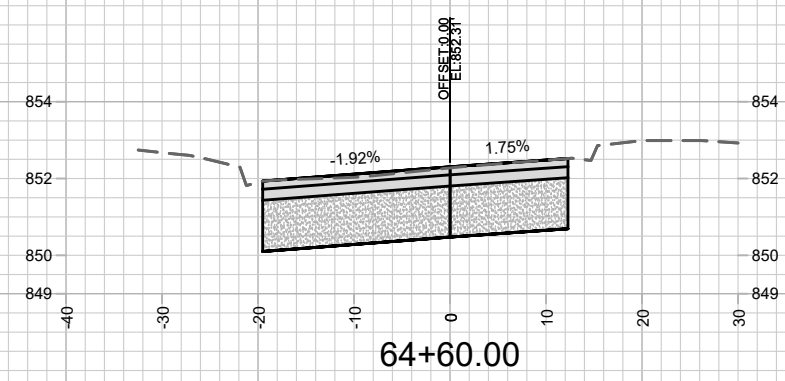
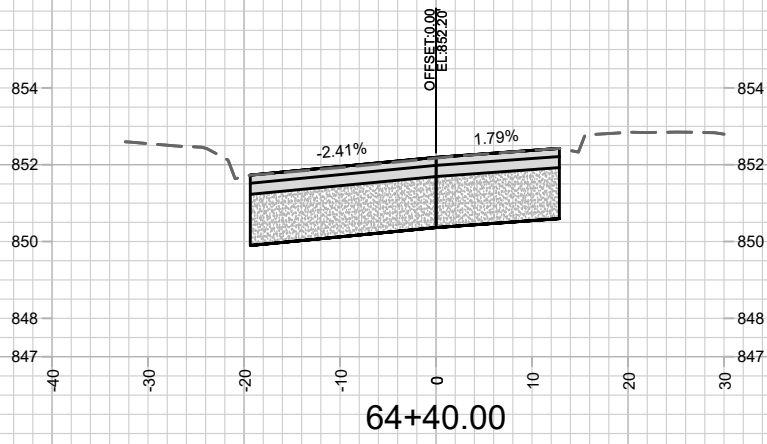
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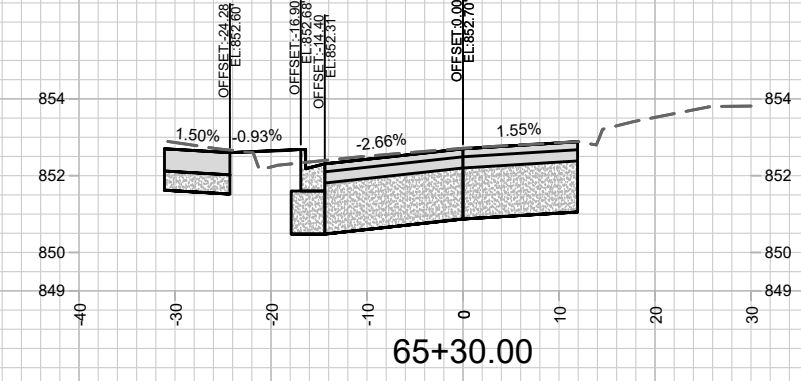
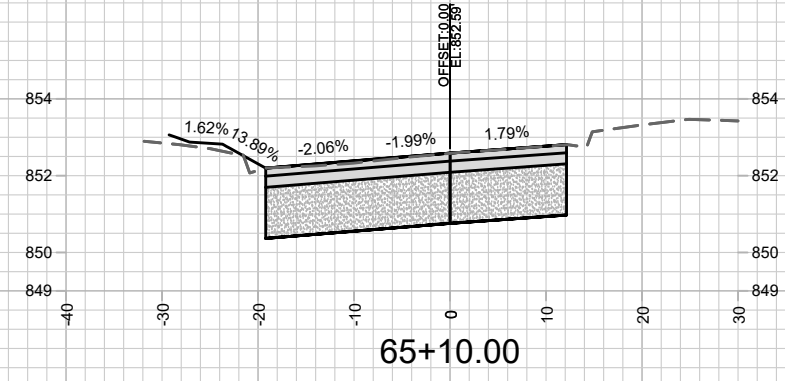
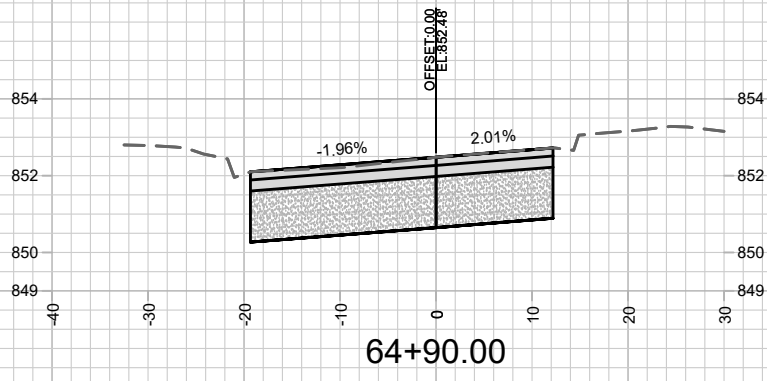
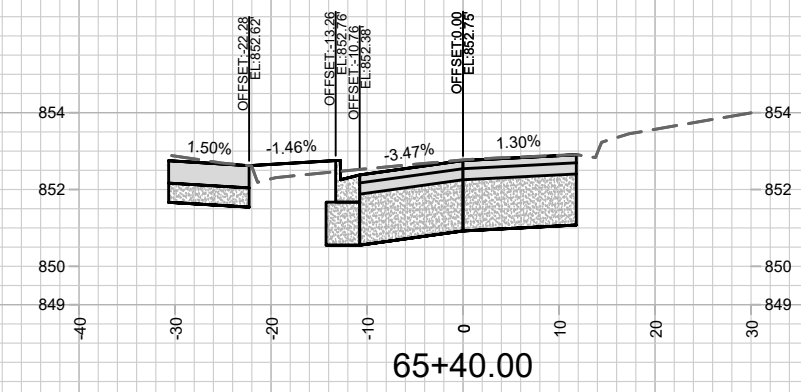
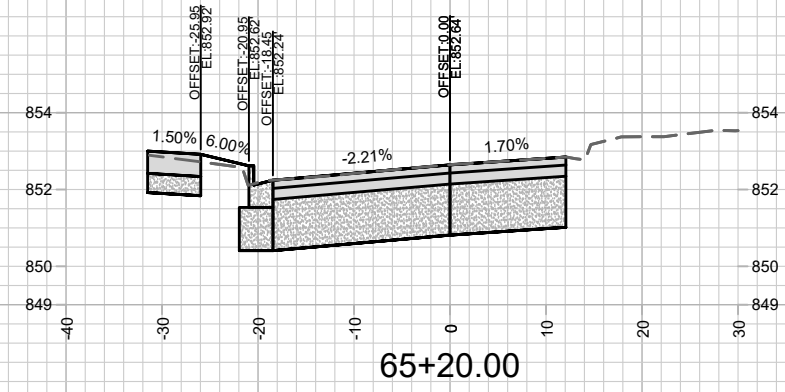
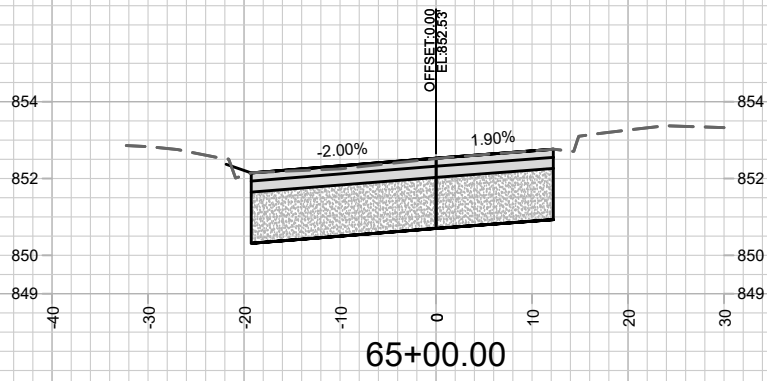


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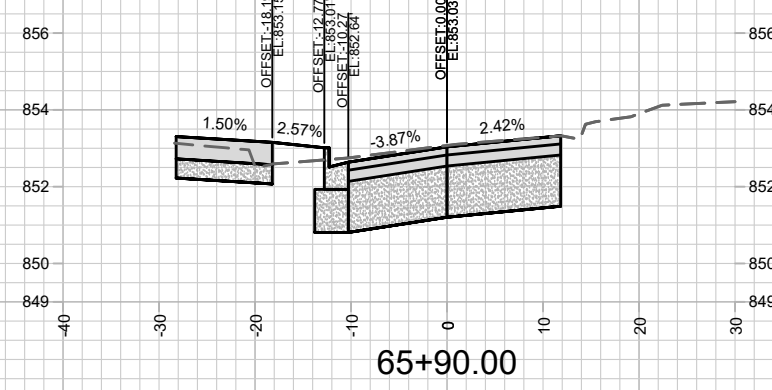
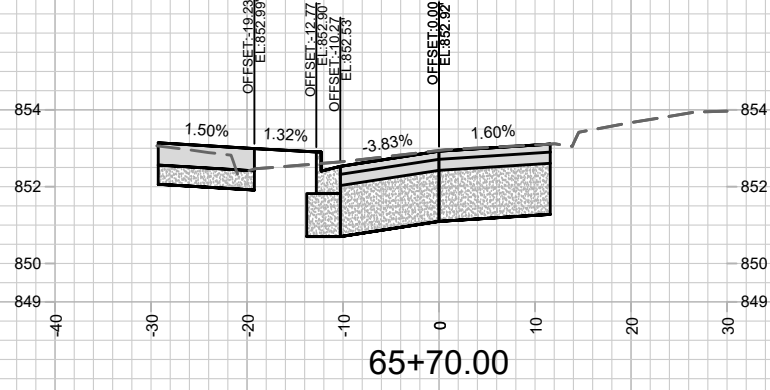
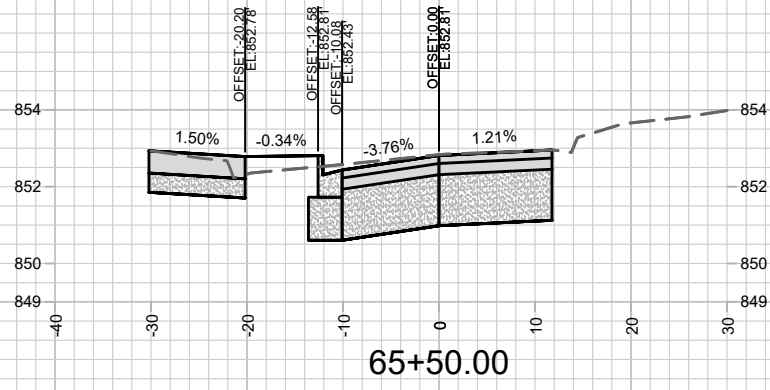
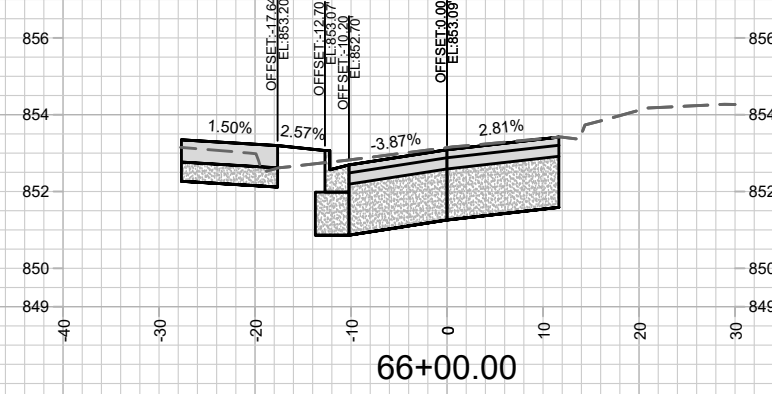
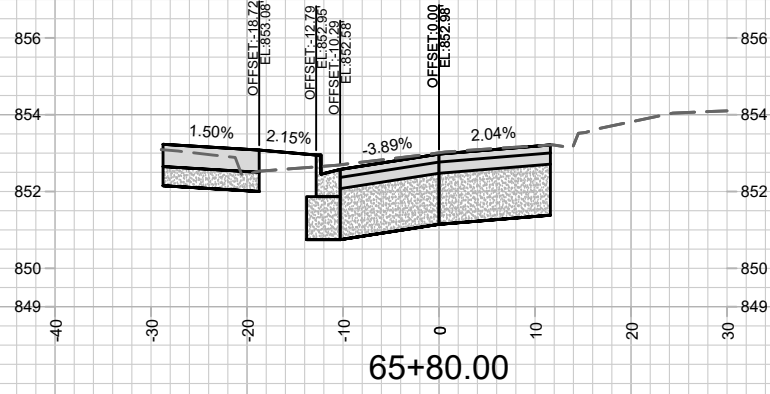
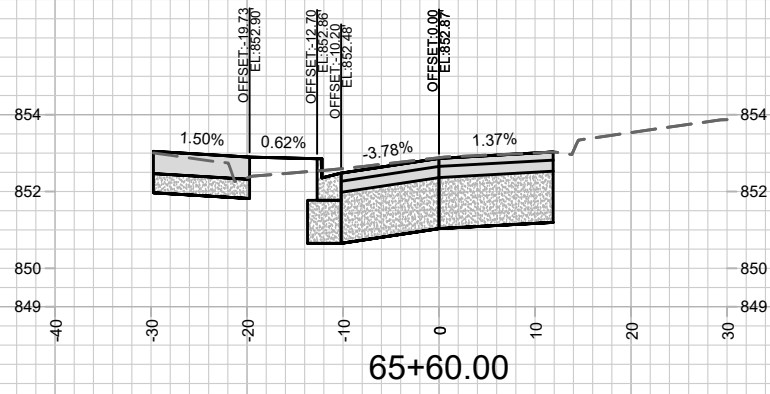
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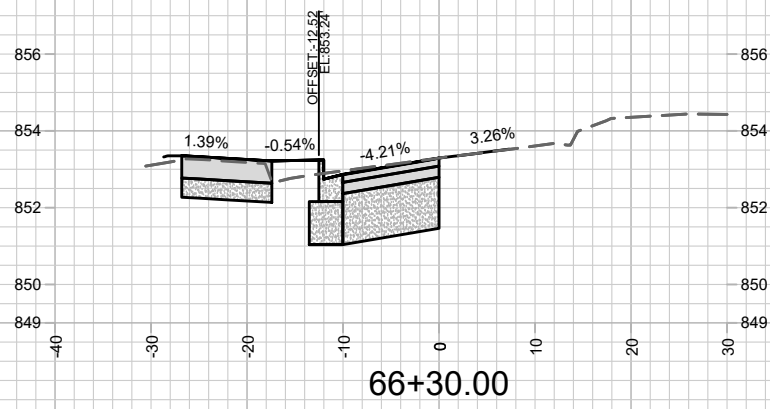
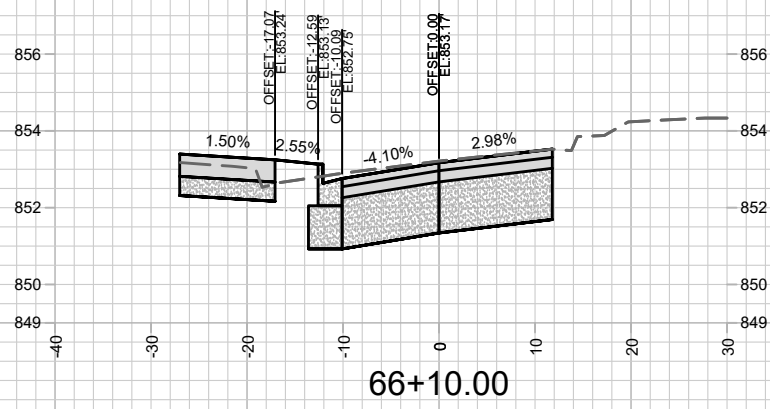
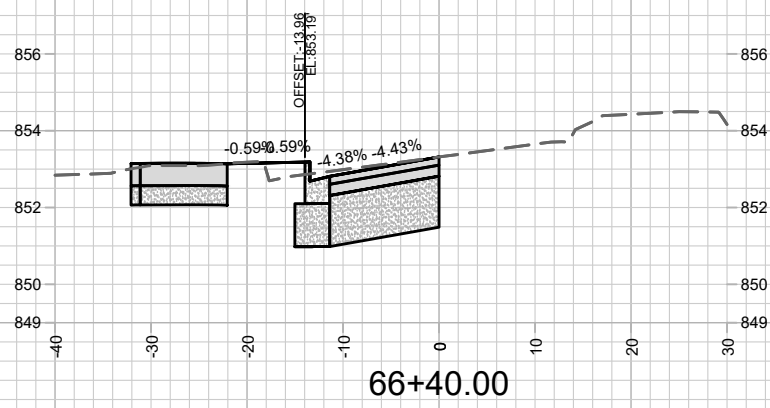
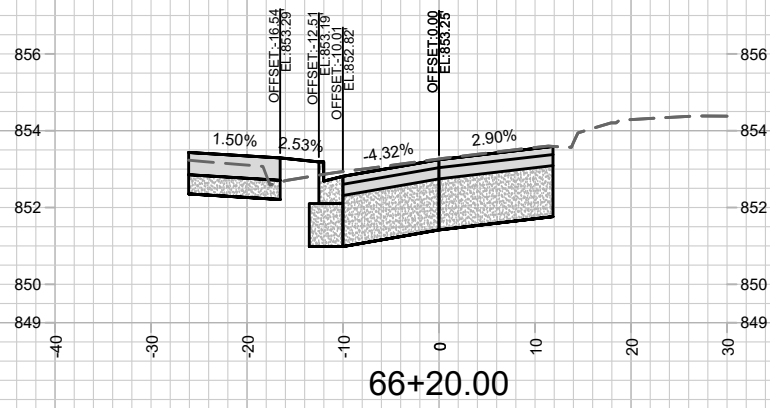
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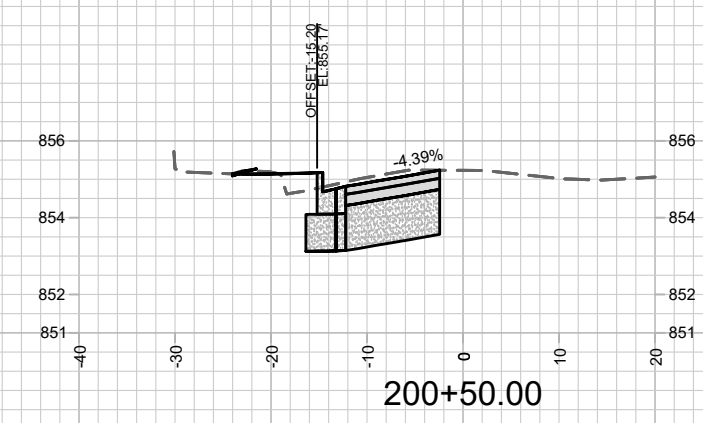
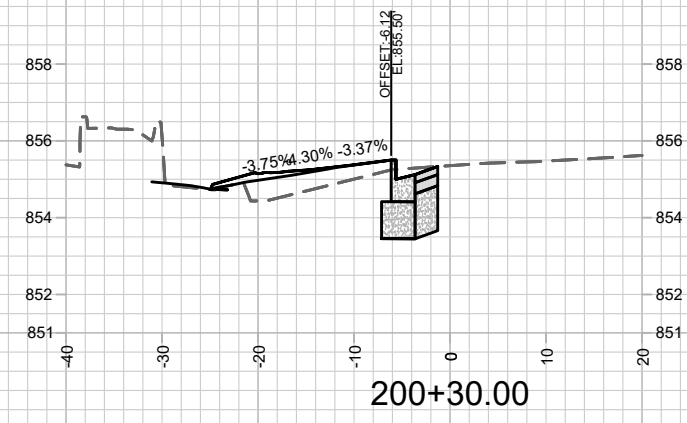
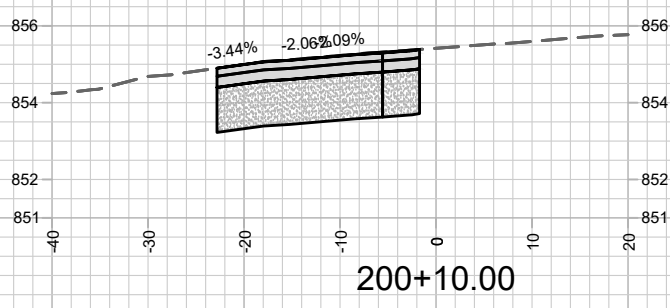
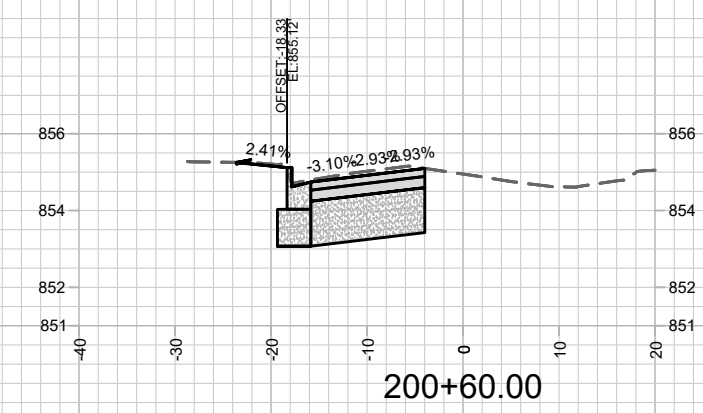
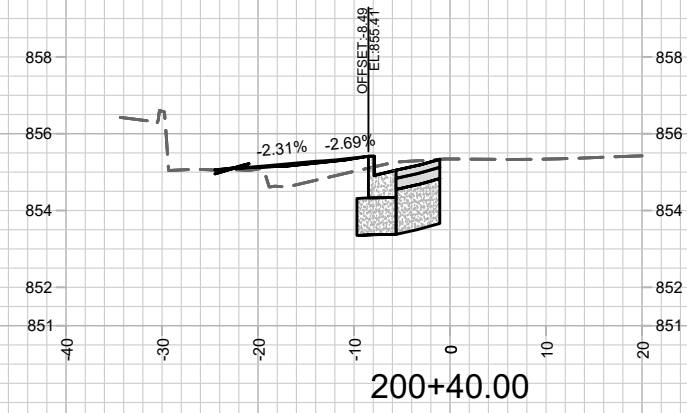
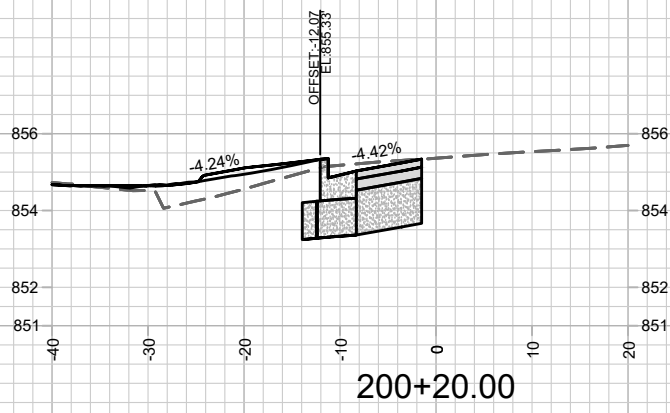
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