

Madison, Wisconsin

# CITY OF MADISON

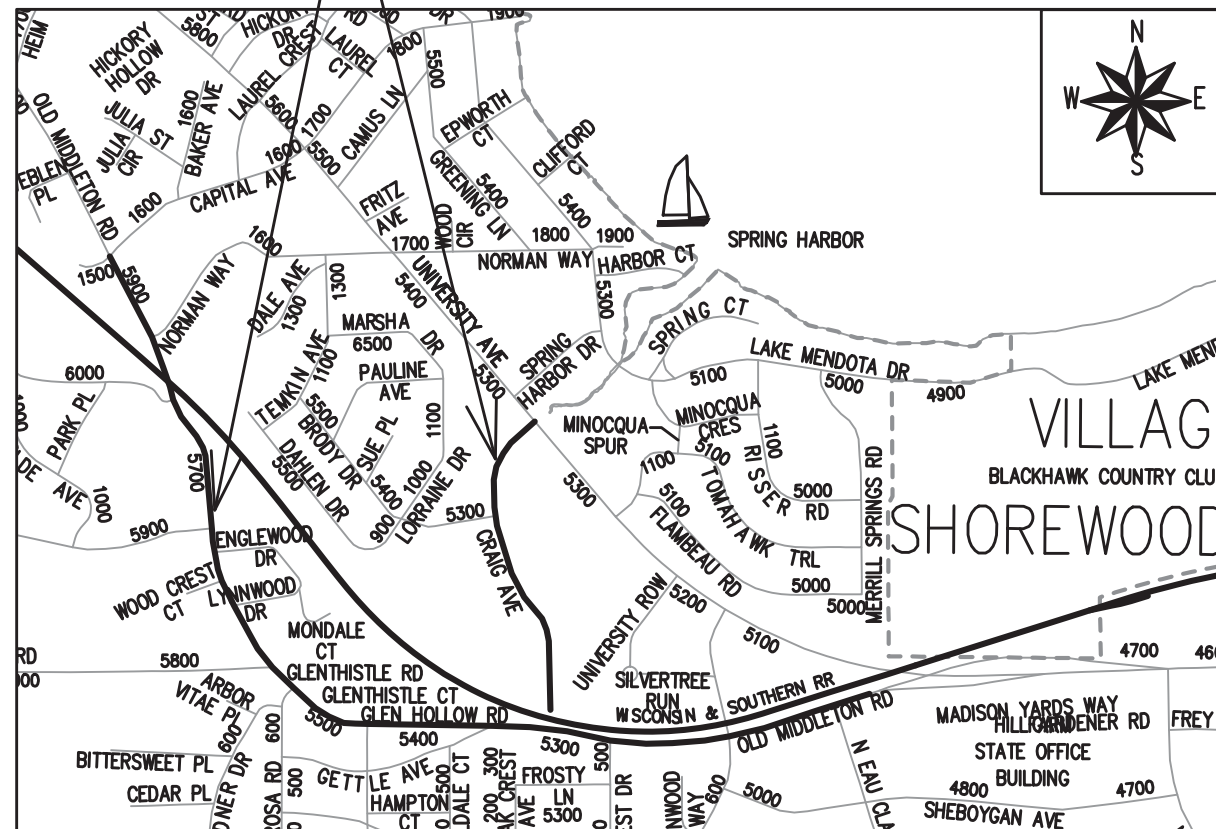
## CITY ENGINEERING DIVISION

### DEPARTMENT OF PUBLIC WORKS

# PLAN OF PROPOSED IMPROVEMENT

## OLD MIDDLETON RD. AND CRAIG AVE. RESURFACING ASSESSMENT DISTRICT - 2021

PROJECT LOCATION CITY PROJECT NO. 13175  
CONTRACT NO. 8650



EARTH WORK SUMMARY:  
EXCAVATION CUT(MEASURED PLAN QUANTITY) = 19,400 C.Y.  
ESTIMATED UNDISTRIBUTED UNDERCUT = 6,800.00 C.Y.  
TOTAL UNCLASSIFIED EXCAVATION CUT = 26,200.00 C.Y.

### INDEX OF SHEETS

SHEET NO.	TITLE
1	
D1-D8	TYPICAL SECTIONS
EC1-EC17	EROSION CONTROL PLAN & PROFILES
P1-P20	PLAN & PROFILES
U1-U17	UTILITY PLAN & PROFILES
U18-U22	SANITARY SEWER SCHEDULE
U23-U28	STORM SEWER SCHEDULE
E1-E5	ELECTRICAL PLAN
PM1-PM11	PAVEMENT MARKING PLAN
TC1	TRAFFIC CONTROL PLAN
X1-X54	CROSS SECTIONS
MN1	NO MAINTENANCE MAP REQUIRED

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	[Symbol]
ADA COMPLIANT RAMP W/ DETECTABLE WARNING FIELD	[Symbol]
COMBUSTIBLE FLUIDS	[Symbol]

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: JANUARY 18, 2022

BY THE COMMON COUNCIL OF MADISON, WISCONSIN

PUBLIC IMPROVEMENT DESIGN APPROVED BY:

*Greg Fries*

Feb 18, 2022

City Engineer

Date

STREET DESIGNED BY:



Feb 18, 2022

ELECTRICAL DESIGNED BY:



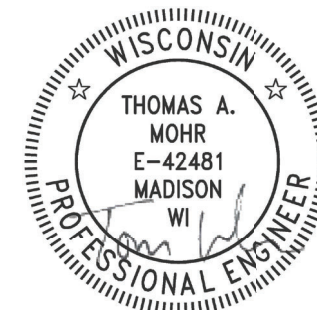
Feb 18, 2022

STORM SEWER DESIGNED BY:



Feb 18, 2022

GEOMETRICS, PAVEMENT MARKING, & TRAFFIC CONTROL DESIGNED BY:



Feb 18, 2022

SANITARY SEWER DESIGNED BY:

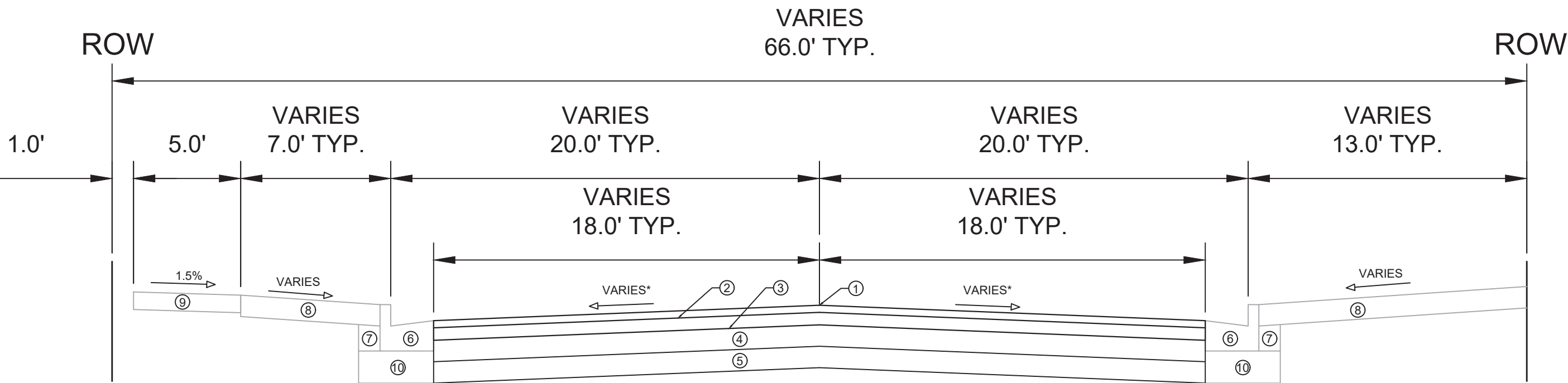


Feb 18, 2022

PLOT SCALE: 1" = 1'

REV. DATE: 2/16/2022 12:41 AM

ORIGINATOR: CITY OF MADISON



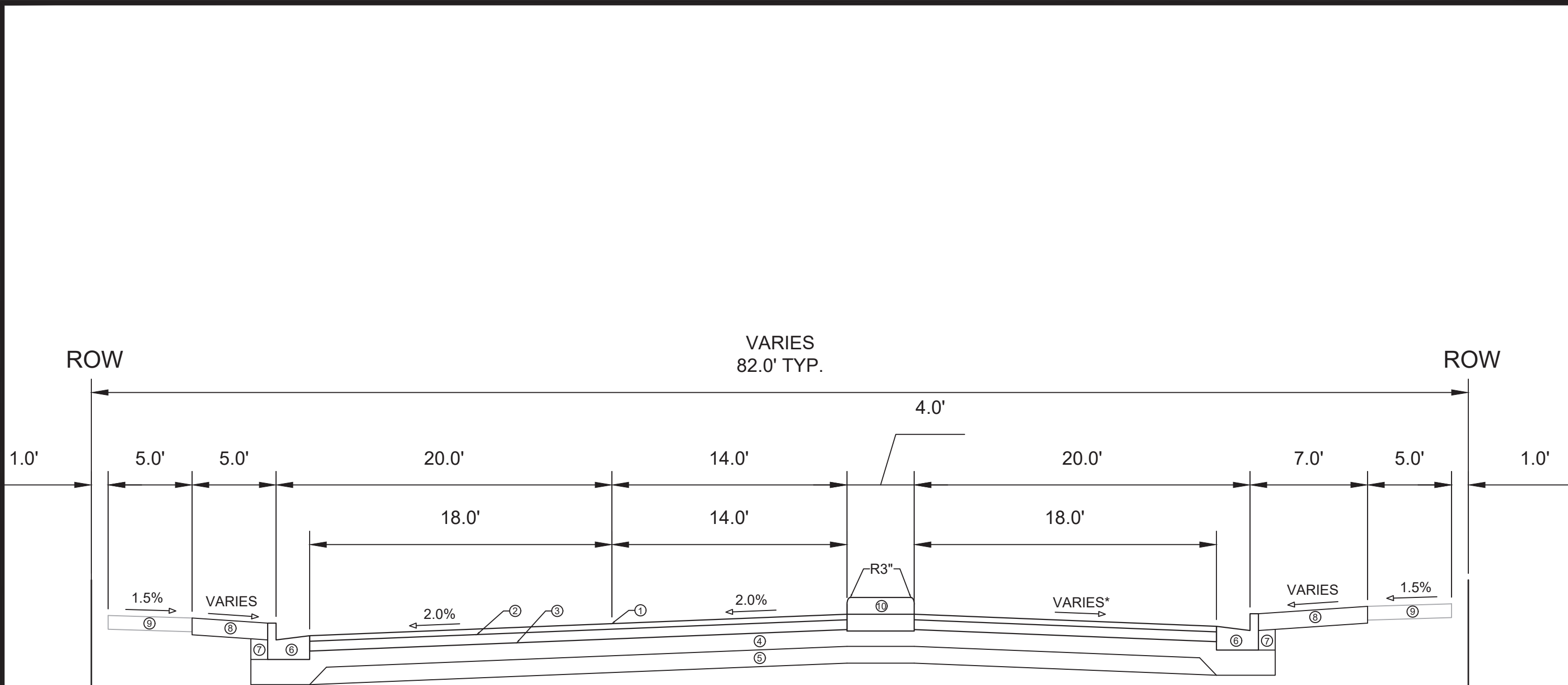
TYPICAL SECTION  
 OLD MIDDLETON ROAD  
 CAPITAL AVE. TO OLD SAUK RD.

SPECIAL NOTES:

\* SEE X-SHEETS FOR CROSS SLOPES

- ① POINT REFERRED TO ON PROFILE
- ② 2.0" H.M.A. PAVEMENT- TYPE 4 MT 58-28 S
- ③ 3.5" H.M.A. PAVEMENT- TYPE 3 MT 58-28 S
- ④ 6" CRUSHED AGGREGATE BASE COURSE GRADATION 2
- ⑤ 6" CRUSHED AGGREGATE BASE COURSE GRADATION 1
- ⑥ EXISTING CONCRETE CURB AND GUTTER TYPE 'A'. REMOVE AND REPLACE AS SHOWN ON THE P-SHEETS OR AS DIRECTED BY THE ENGINEER
- ⑦ FILL INCIDENTAL TO CURB AND GUTTER REPLACEMENT
- ⑧ 6" TOPSOIL, SEED AND MATTING, RESTORE DISTURBED AREAS
- ⑨ EXISTING 5" CONCRETE SIDEWALK, REMOVE AND REPLACE AS SHOWN ON THE P-SHEETS OR AS DIRECTED BY THE ENGINEER
- ⑩ EXISTING BASE COURSE, REMOVE AND REPLACE AT CURB AND GUTTER REPLACEMENT LOCATIONS

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TYPICAL SECTIONS OLD MIDDLETON RD & CRAIG AVE RESURFACING <small>M:\DESIGN\Projects\13175\CAD\Plan Sheets\13175- D Sheets.dwg</small>				
13175 D-1				



TYPICAL SECTION  
 OLD MIDDLETON ROAD  
 OLD SAUK RD. TO N. ROSA RD.

- ① POINT REFERRED TO ON PROFILE
- ② 2.0" H.M.A. PAVEMENT- TYPE 4 MT 58-28 S
- ③ 3.5" H.M.A. PAVEMENT- TYPE 3 MT 58-28 S
- ④ 6" CRUSHED AGGREGATE BASE COURSE GRADATION 2
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- ⑥ CONCRETE CURB AND GUTTER TYPE 'A'. REMOVE AND REPLACE AS SHOWN ON THE P-SHEETS
- ⑦ FILL INCIDENTAL TO CURB AND GUTTER REPLACEMENT
- ⑧ 6" TOPSOIL, SEED AND MATTING
- ⑨ EXISTING 5" CONCRETE SIDEWALK, REMOVE AND REPLACE AS SHOWN ON THE P-SHEETS OR AS DIRECTED BY THE ENGINEER
- ⑩ 12" CONCRETE ISLAND\*

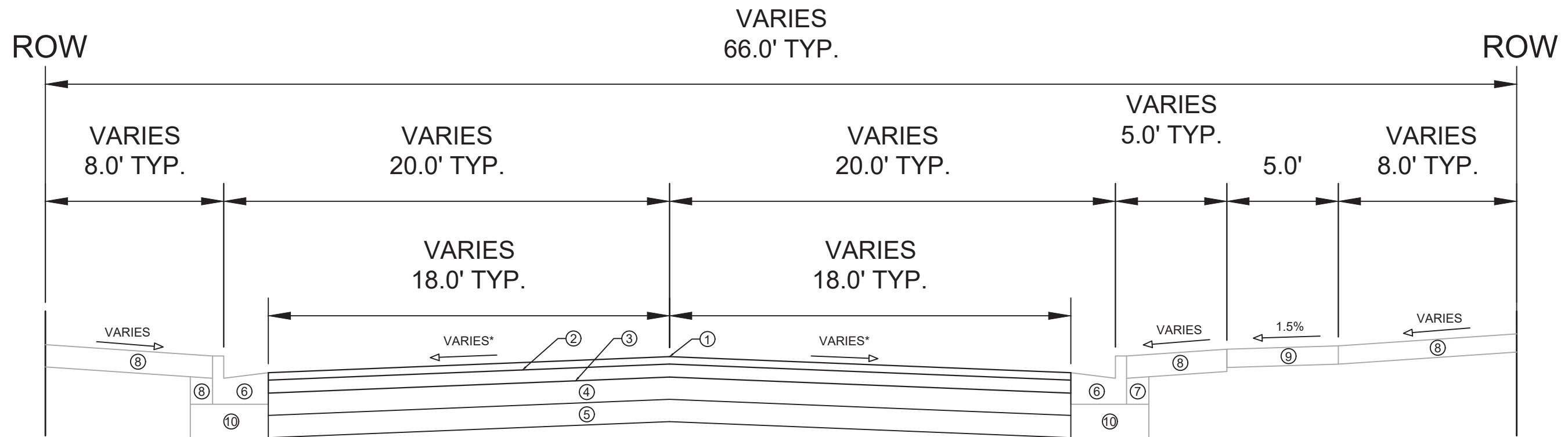
SPECIAL NOTES:

\* SEE X-SHEETS FOR CROSS SLOPES

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TYPICAL SECTION  
 OLD MIDDLETON ROAD  
 N. ROSA RD. TO GETTLE AVE.

SPECIAL NOTES:

\* SEE X-SHEETS FOR CROSS SLOPES

- ① POINT REFERRED TO ON PROFILE
- ② 2.0" H.M.A. PAVEMENT- TYPE 4 MT 58-28 S
- ③ 3.5" H.M.A. PAVEMENT- TYPE 3 MT 58-28 S
- ④ 6" CRUSHED AGGREGATE BASE COURSE GRADATION 2
- ⑤ 6" CRUSHED AGGREGATE BASE COURSE GRADATION 1
- ⑥ EXISTING CONCRETE CURB AND GUTTER TYPE 'A'. REMOVE AND REPLACE AS SHOWN ON THE P-SHEETS OR AS DIRECTED BY THE ENGINEER
- ⑦ FILL INCIDENTAL TO CURB AND GUTTER REPLACEMENT
- ⑧ 6" TOPSOIL, SEED AND MATTING, RESTORE DISTURBED AREAS
- ⑨ EXISTING 5" CONCRETE SIDEWALK, REMOVE AND REPLACE AS SHOWN ON THE P-SHEETS OR AS DIRECTED BY THE ENGINEER
- ⑩ EXISTING BASE COURSE, REMOVE AND REPLACE AT CURB AND GUTTER REPLACEMENT LOCATIONS

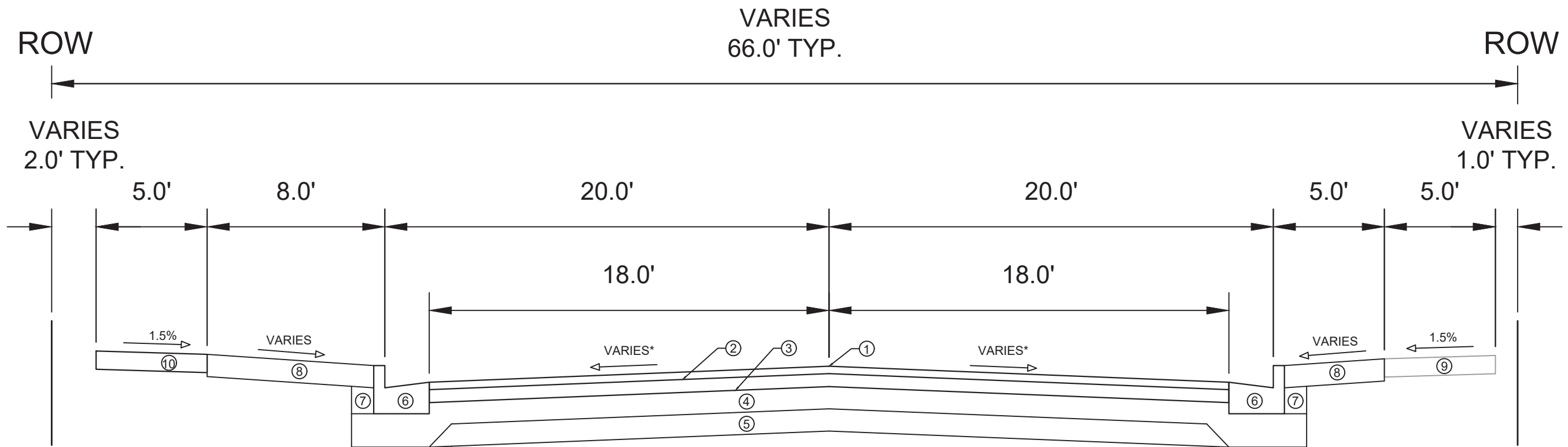
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 MADISON, WI  
 8568  
 CONTRACT NO:

TYPICAL SECTIONS  
 OLD MIDDLETON RD & CRAIG AVE RESURFACING  
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TYPICAL SECTION  
 OLD MIDDLETON ROAD  
 GETTLE AVE. TO STA 46+77

SPECIAL NOTES:

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- ① POINT REFERRED TO ON PROFILE
- ② 2.0" H.M.A. PAVEMENT- TYPE 4 MT 58-28 S
- ③ 3.5" H.M.A. PAVEMENT- TYPE 3 MT 58-28 S
- ④ 6" CRUSHED AGGREGATE BASE COURSE GRADATION 2
- ⑤ 6" CRUSHED AGGREGATE BASE COURSE GRADATION 1
- ⑥ EXISTING CONCRETE CURB AND GUTTER TYPE 'A'. REMOVE AND REPLACE AS SHOWN ON THE P-SHEETS OR AS DIRECTED BY THE ENGINEER
- ⑦ FILL INCIDENTAL TO CURB AND GUTTER REPLACEMENT
- ⑧ 6" TOPSOIL, SEED AND MATTING, RESTORE DISTURBED AREAS
- ⑨ EXISTING 5" CONCRETE SIDEWALK, REMOVE AND REPLACE AS SHOWN ON THE P-SHEETS OR AS DIRECTED BY THE ENGINEER
- ⑩ NEW 5" CONCRETE SIDEWALK

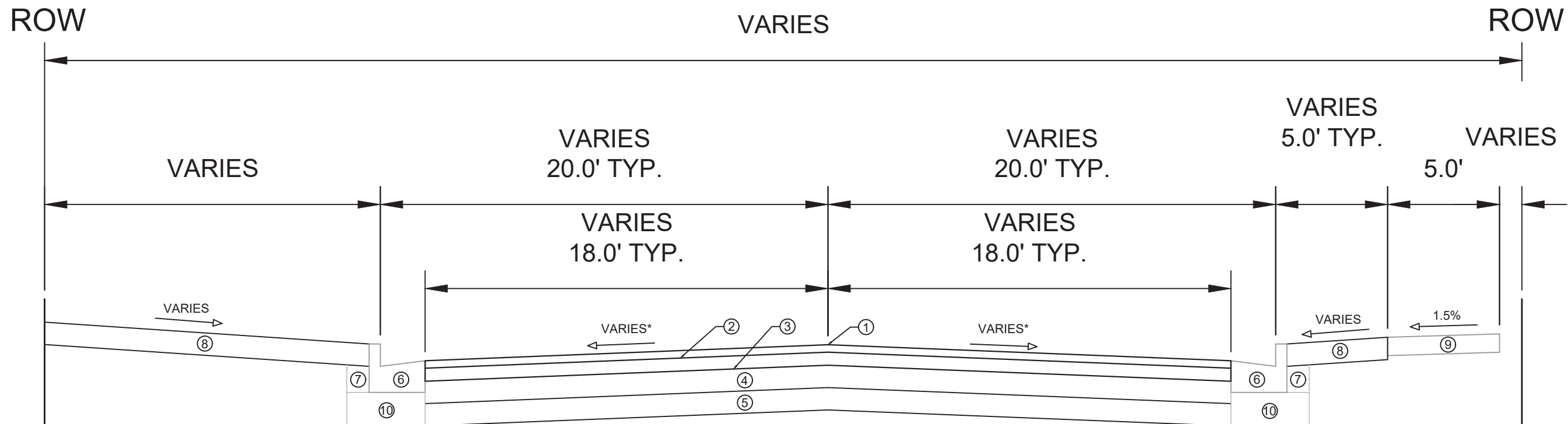
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TYPICAL SECTIONS  
 OLD MIDDLETON RD & CRAIG AVE RESURFACING  
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TYPICAL SECTION  
 OLD MIDDLETON ROAD  
 STA 46+77 TO 51+73

- ① POINT REFERRED TO ON PROFILE
- ② 2.0" H.M.A. PAVEMENT- TYPE 4 MT 58-28 S
- ③ 3.5" H.M.A. PAVEMENT- TYPE 3 MT 58-28 S
- ④ 6" CRUSHED AGGREGATE BASE COURSE GRADATION 2
- ⑤ 6" CRUSHED AGGREGATE BASE COURSE GRADATION 1
- ⑥ EXISTING CONCRETE CURB AND GUTTER TYPE 'A'. REMOVE AND REPLACE AS SHOWN ON THE P-SHEETS OR AS DIRECTED BY THE ENGINEER
- ⑦ FILL INCIDENTAL TO CURB AND GUTTER REPLACEMENT
- ⑧ 6" TOPSOIL, SEED AND MATTING, RESTORE DISTURBED AREAS
- ⑨ EXISTING 5" CONCRETE SIDEWALK, REMOVE AND REPLACE AS SHOWN ON THE P-SHEETS OR AS DIRECTED BY THE ENGINEER
- ⑩ EXISTING BASE COURSE, REMOVE AND REPLACE AT CURB AND GUTTER REPLACEMENT LOCATIONS

**SPECIAL NOTES:**

\* SEE X-SHEETS FOR CROSS SLOPES

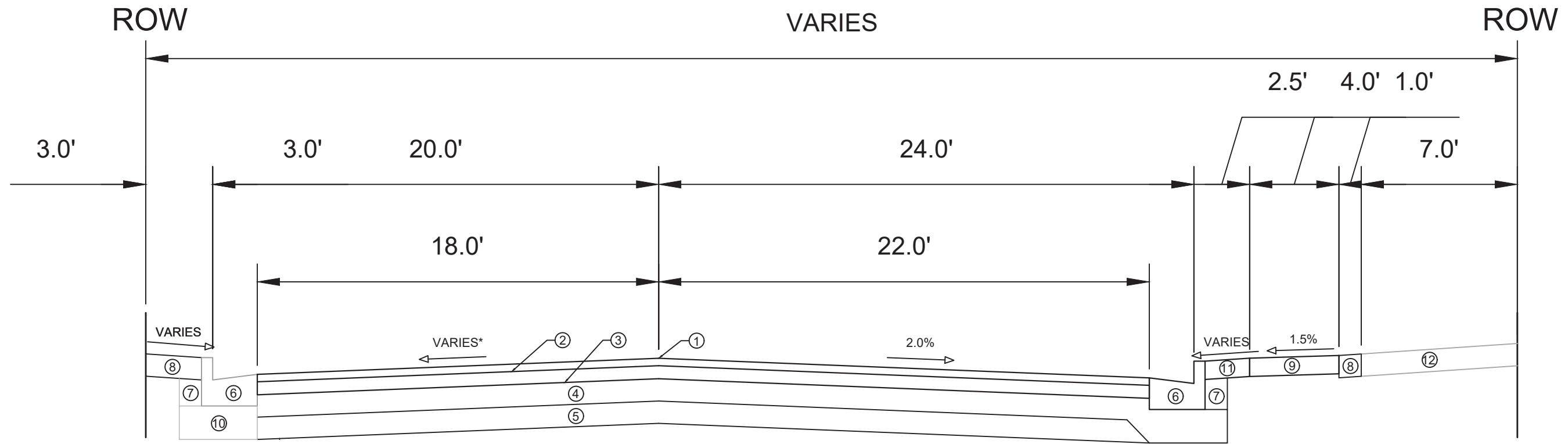
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TYPICAL SECTIONS  
 OLD MIDDLETON RD & CRAIG AVE RESURFACING  
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TYPICAL SECTION  
 OLD MIDDLETON ROAD  
 STA 51+73 TO MERRILL CREST DR.

SPECIAL NOTES:

\* SEE X-SHEETS FOR CROSS SLOPES

- ① POINT REFERRED TO ON PROFILE
- ② 2.0" H.M.A. PAVEMENT- TYPE 4 MT 58-28 S
- ③ 3.5" H.M.A. PAVEMENT- TYPE 3 MT 58-28 S
- ④ 6" CRUSHED AGGREGATE BASE COURSE GRADATION 2
- ⑤ 6" CRUSHED AGGREGATE BASE COURSE GRADATION 1
- ⑥ EXISTING CONCRETE CURB AND GUTTER TYPE 'A'. REMOVE AND REPLACE AS SHOWN ON THE P-SHEETS OR AS DIRECTED BY THE ENGINEER
- ⑦ FILL INCIDENTAL TO CURB AND GUTTER REPLACEMENT
- ⑧ 6" TOPSOIL, SEED AND MATTING, RESTORE DISTURBED AREAS
- ⑨ 5" CONCRETE SIDEWALK, REMOVE AND REPLACE AS SHOWN ON THE P-SHEETS
- ⑩ EXISTING BASE COURSE, REMOVE AND REPLACE AT CURB AND GUTTER REPLACEMENT LOCATIONS
- ⑪ 5" CONCRETE TERRACE
- ⑫ EXISTING GROUND, DO NOT DISTURB

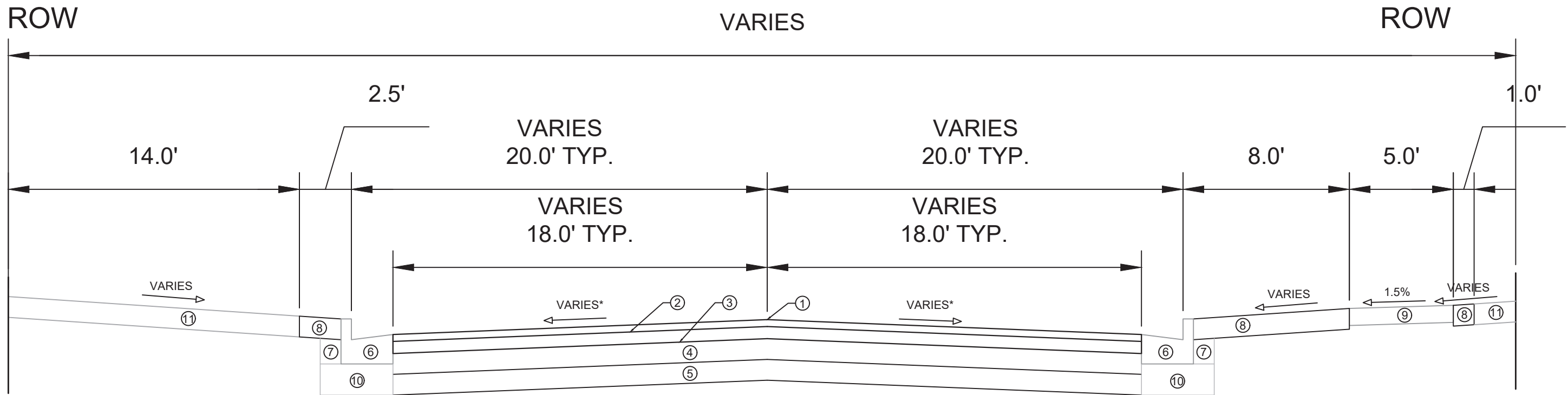
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TYPICAL SECTIONS  
 OLD MIDDLETON RD & CRAIG AVE RESURFACING  
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**TYPICAL SECTION  
 OLD MIDDLETON ROAD  
 MERRILL CREST DR. TO EAU CLAIRE AVE.**

**SPECIAL NOTES:**

\* SEE X-SHEETS FOR CROSS SLOPES

- ① POINT REFERRED TO ON PROFILE
- ② 2.0" H.M.A. PAVEMENT- TYPE 4 MT 58-28 S
- ③ 3.5" H.M.A. PAVEMENT- TYPE 3 MT 58-28 S
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- ⑧ 6" TOPSOIL, SEED AND MATTING, RESTORE DISTURBED AREAS
- ⑨ EXISTING 5" CONCRETE SIDEWALK, REMOVE AND REPLACE AS SHOWN ON THE P-SHEETS OR AS DIRECTED BY THE ENGINEER
- ⑩ EXISTING BASE COURSE, REMOVE AND REPLACE AT CURB AND GUTTER REPLACEMENT LOCATIONS
- ⑪ EXISTING GROUND, DO NOT DISTURB

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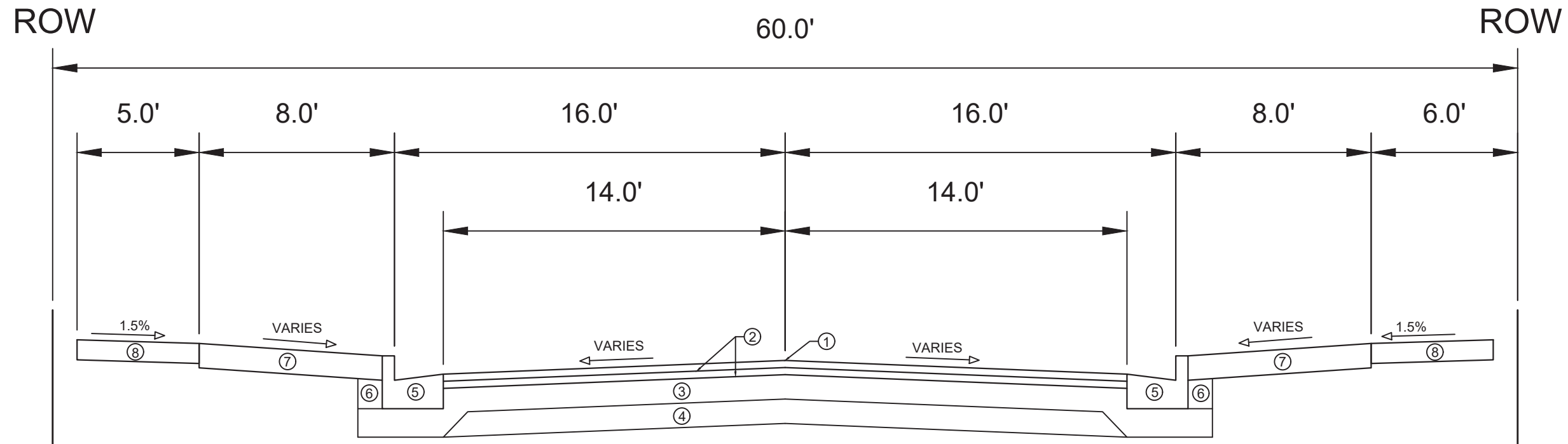
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TYPICAL SECTIONS  
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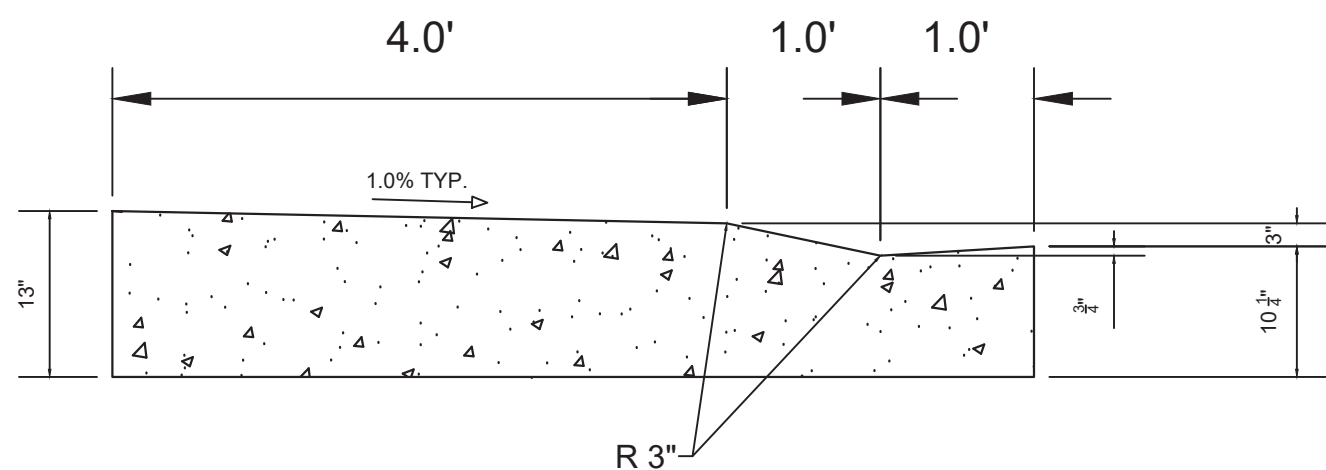


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 D-7





TYPICAL SECTION  
CRAIG AVENUE



DETAIL 1 - MOUNTABLE CONCRETE CURB  
& GUTTER @ ROUNDABOUT

SPECIAL NOTES:

- \* SEE X-SHEETS FOR CROSS SLOPES
- \*\* SEE P-SHEETS FOR 5" CONCRETE LOCATIONS

- ① POINT REFERRED TO ON PROFILE
- ② 1.75" HMA PAVEMENT- TYPE 4 LT 58-28 S
- ③ 6" GRADATION 2 CRUSHED AGGREGATE BASE COURSE
- ④ 6" GRADATION 1 CRUSHED AGGREGATE BASE COURSE
- ⑤ CONCRETE CURB AND GUTTER TYPE 'A'
- ⑥ FILL INCIDENTAL TO CURB AND GUTTER INSTALLATION
- ⑦ 6" TOPSOIL, SEED AND EROSION MATTING OR 5" CONCRETE\*\*
- ⑧ 5" CONCRETE SIDEWALK, REMOVE AND REPLACE AS SHOWN ON THE P-SHEETS OR AS DIRECTED BY THE ENGINEER

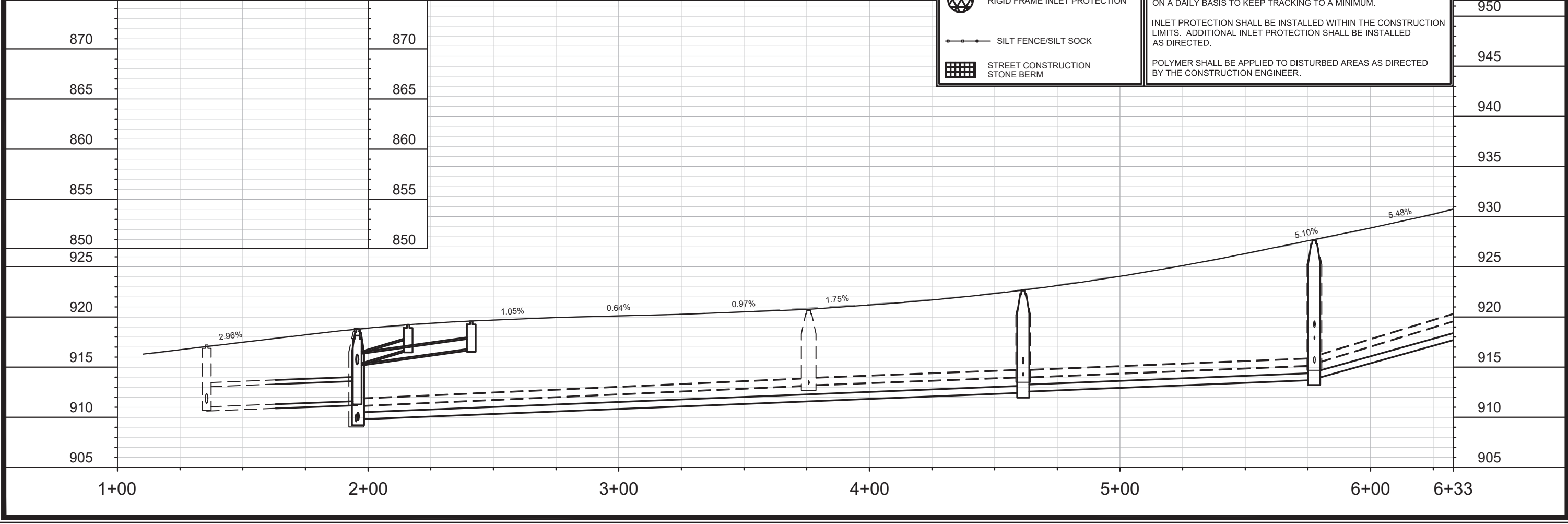
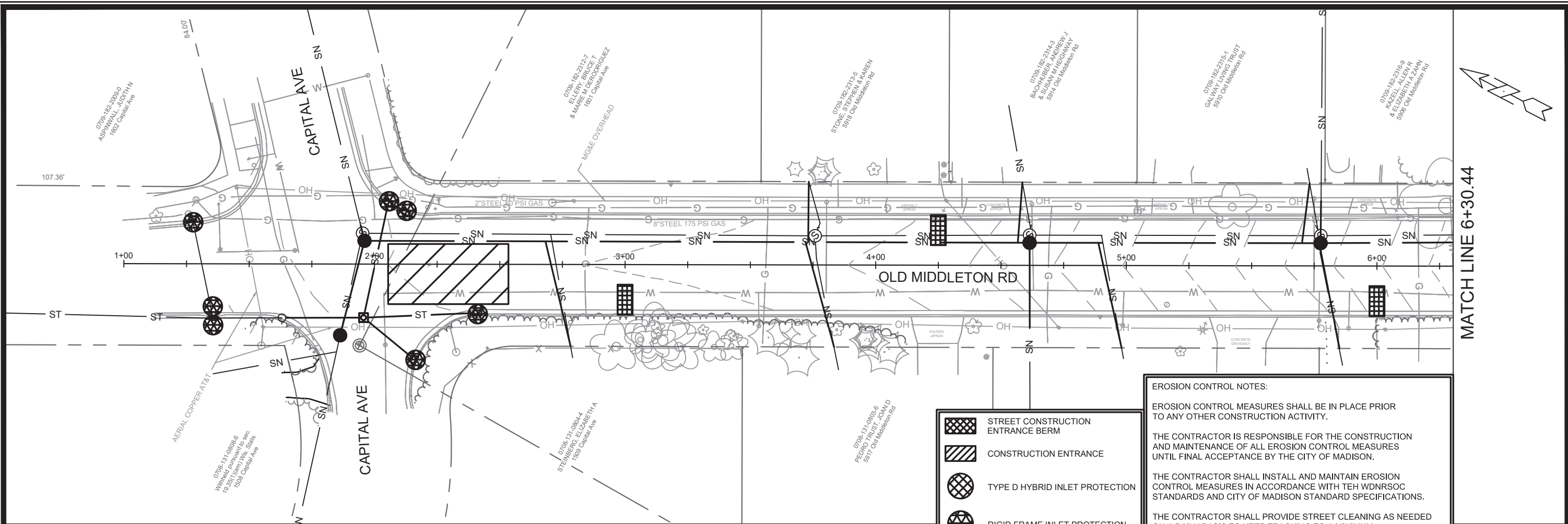
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
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TYPICAL SECTIONS  
OLD MIDDLETON RD & CRAIG AVE RESURFACING  
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-  STREET CONSTRUCTION ENTRANCE BERM
-  CONSTRUCTION ENTRANCE
-  TYPE D HYBRID INLET PROTECTION
-  RIGID FRAME INLET PROTECTION
-  SILT FENCE/SILT SOCK
-  STREET CONSTRUCTION STONE BERM

**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 TEH 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 INSTALLED AS DIRECTED.

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

MATCHLINE 6+30.44

13175	MADISON, WI	8568	EC-1
EROSION CONTROL PLAN & PROFILE- OLD MIDDLETON ROAD		CONTRACT NO.:	
OLD MIDDLETON RD & CRAIG AVE RESURFACING		M:\DESIGN\Projects\13175\CAD\sewers\13175EC-Plan.dwg	
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-  STREET CONSTRUCTION ENTRANCE BERM
-  CONSTRUCTION ENTRANCE
-  TYPE D HYBRID INLET PROTECTION
-  RIGID FRAME INLET PROTECTION
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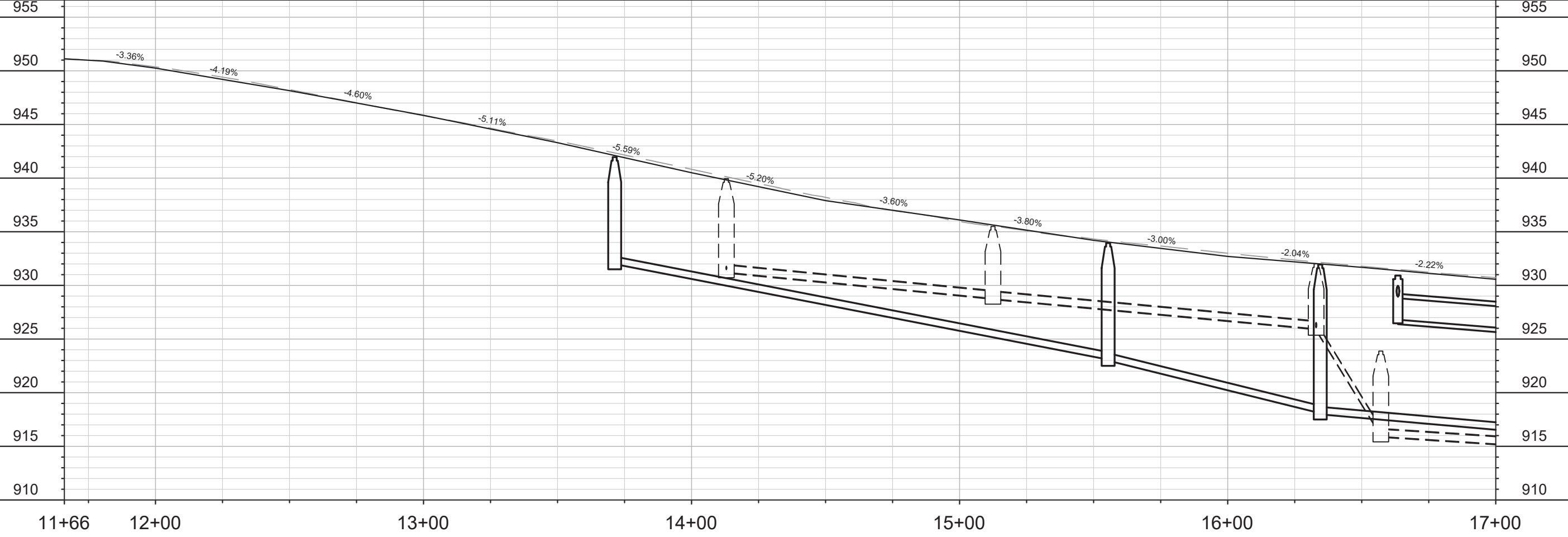
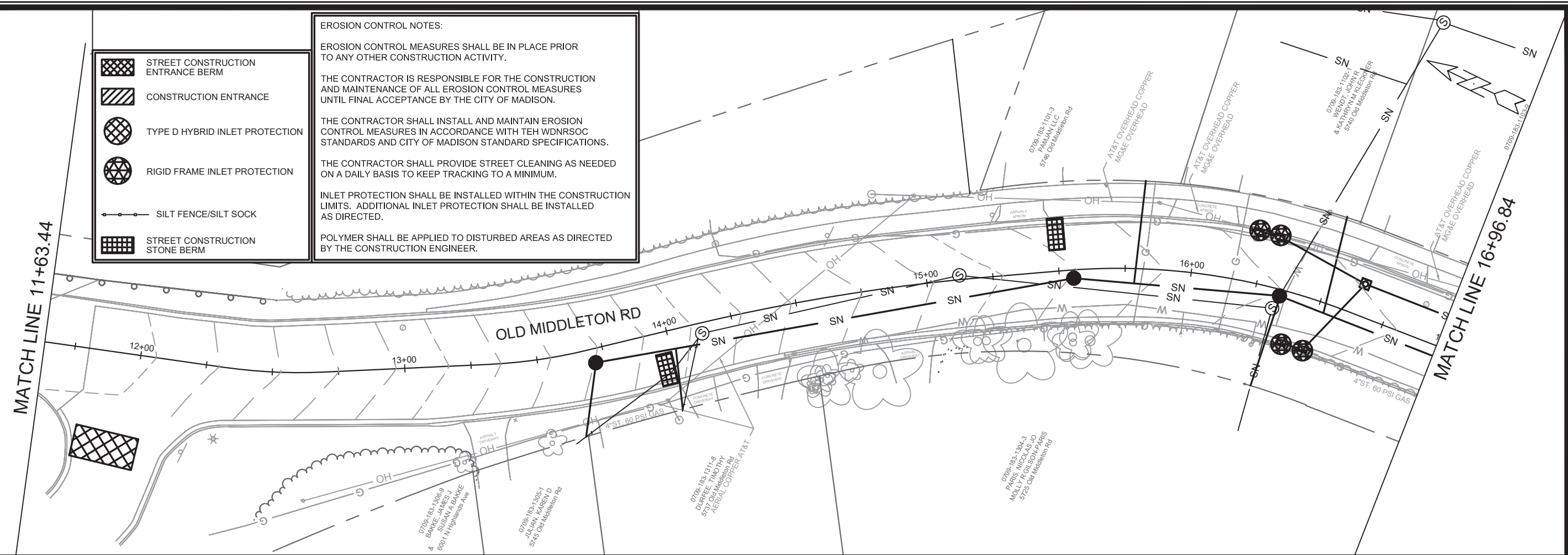
THE CONTRACTOR IS RESPONSIBLE FOR THE CONSTRUCTION AND MAINTENANCE OF ALL EROSION CONTROL MEASURES UNTIL FINAL ACCEPTANCE BY THE CITY OF MADISON.

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



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EROSION CONTROL PLAN & PROFILE- OLD MIDDLETON ROAD  
OLD MIDDLETON RD & CRAIG AVE RESURFACING  
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MATCH LINE 16+96.84

MATCH LINE 22+28.84

**EROSION CONTROL NOTES:**

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

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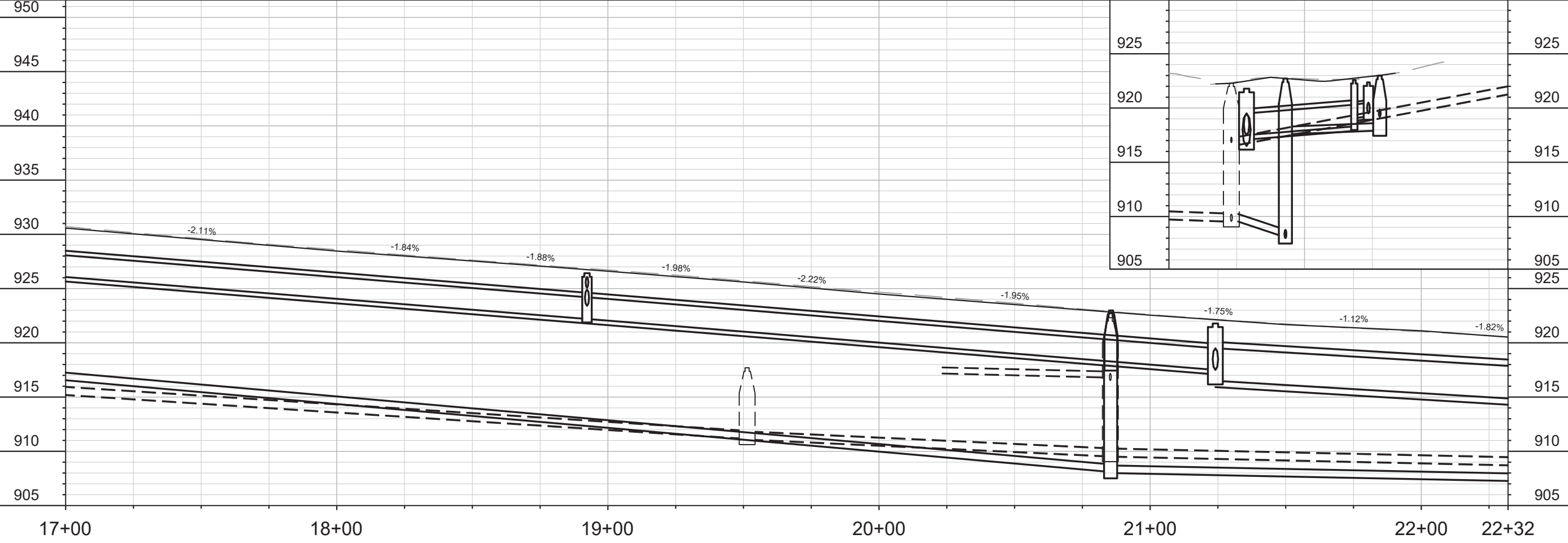
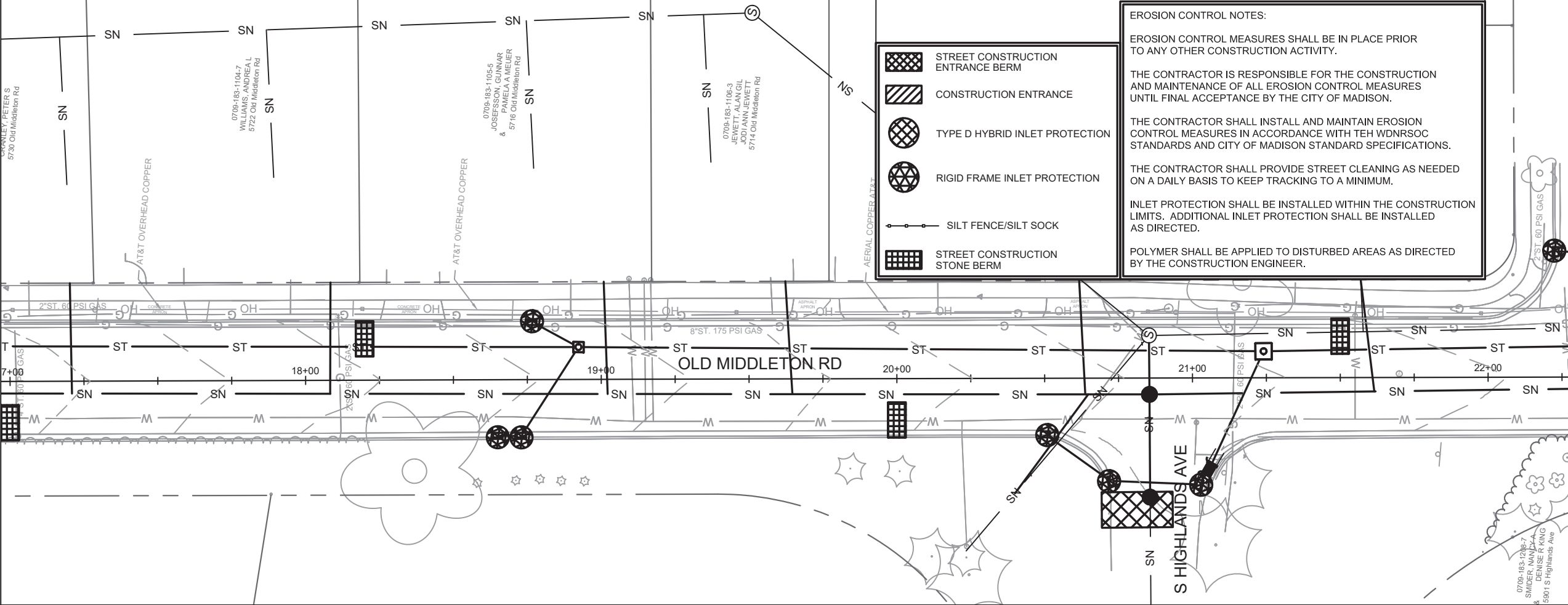
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THE CONTRACTOR SHALL PROVIDE STREET CLEANING AS NEEDED ON A DAILY BASIS TO KEEP TRACKING TO A MINIMUM.

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

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

-  STREET CONSTRUCTION ENTRANCE BERM
-  CONSTRUCTION ENTRANCE
-  TYPE D HYBRID INLET PROTECTION
-  RIGID FRAME INLET PROTECTION
-  SILT FENCE/SILT SOCK
-  STREET CONSTRUCTION STONE BERM



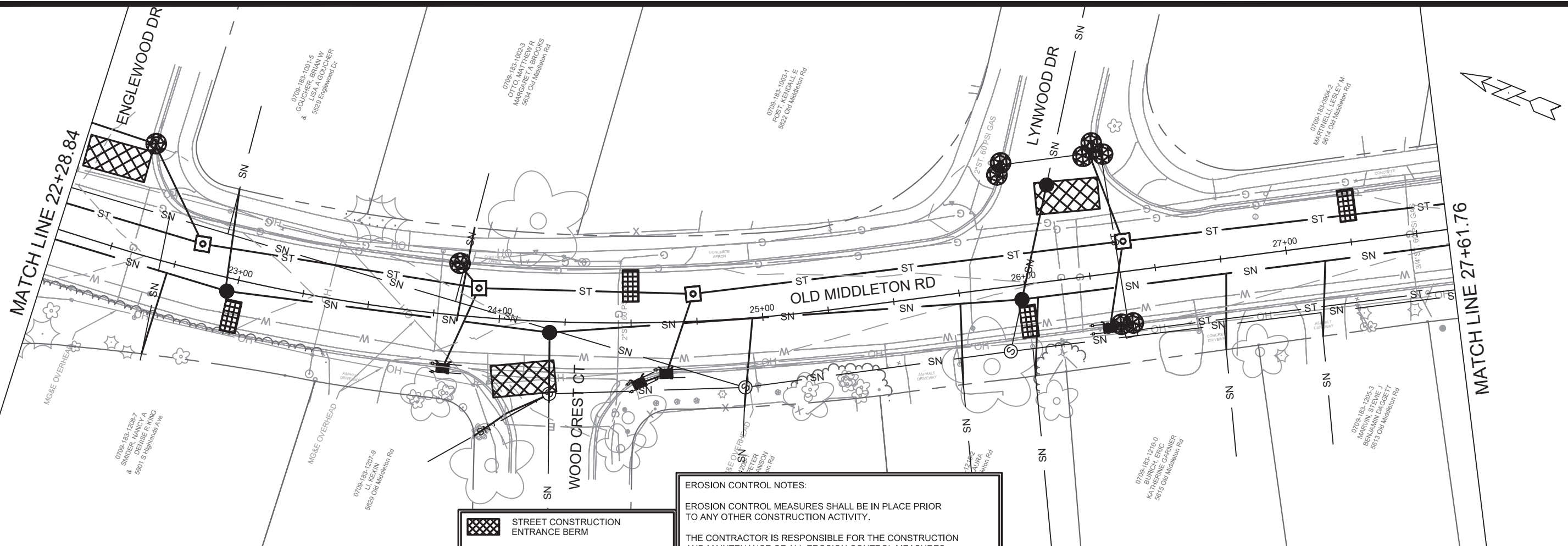
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
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OLD MIDDLETON RD & CRAIG AVE RESURFACING  
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EC-4



-  STREET CONSTRUCTION ENTRANCE BERM
-  CONSTRUCTION ENTRANCE
-  TYPE D HYBRID INLET PROTECTION
-  RIGID FRAME INLET PROTECTION
-  SILT FENCE/SILT SOCK
-  STREET CONSTRUCTION STONE BERM

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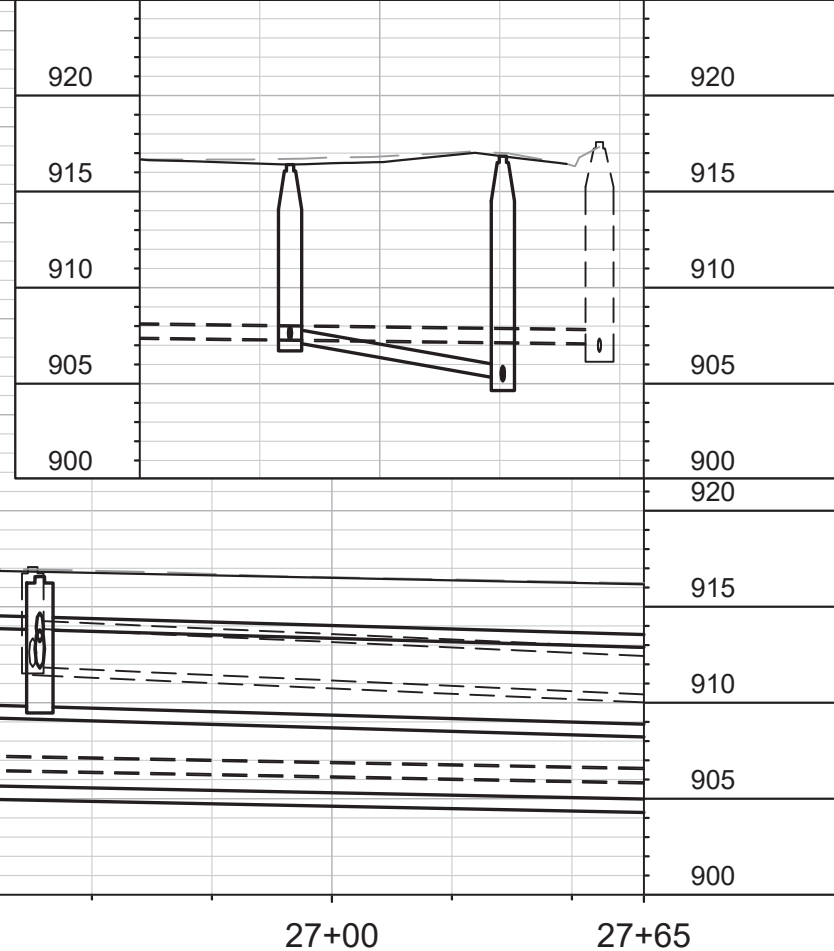
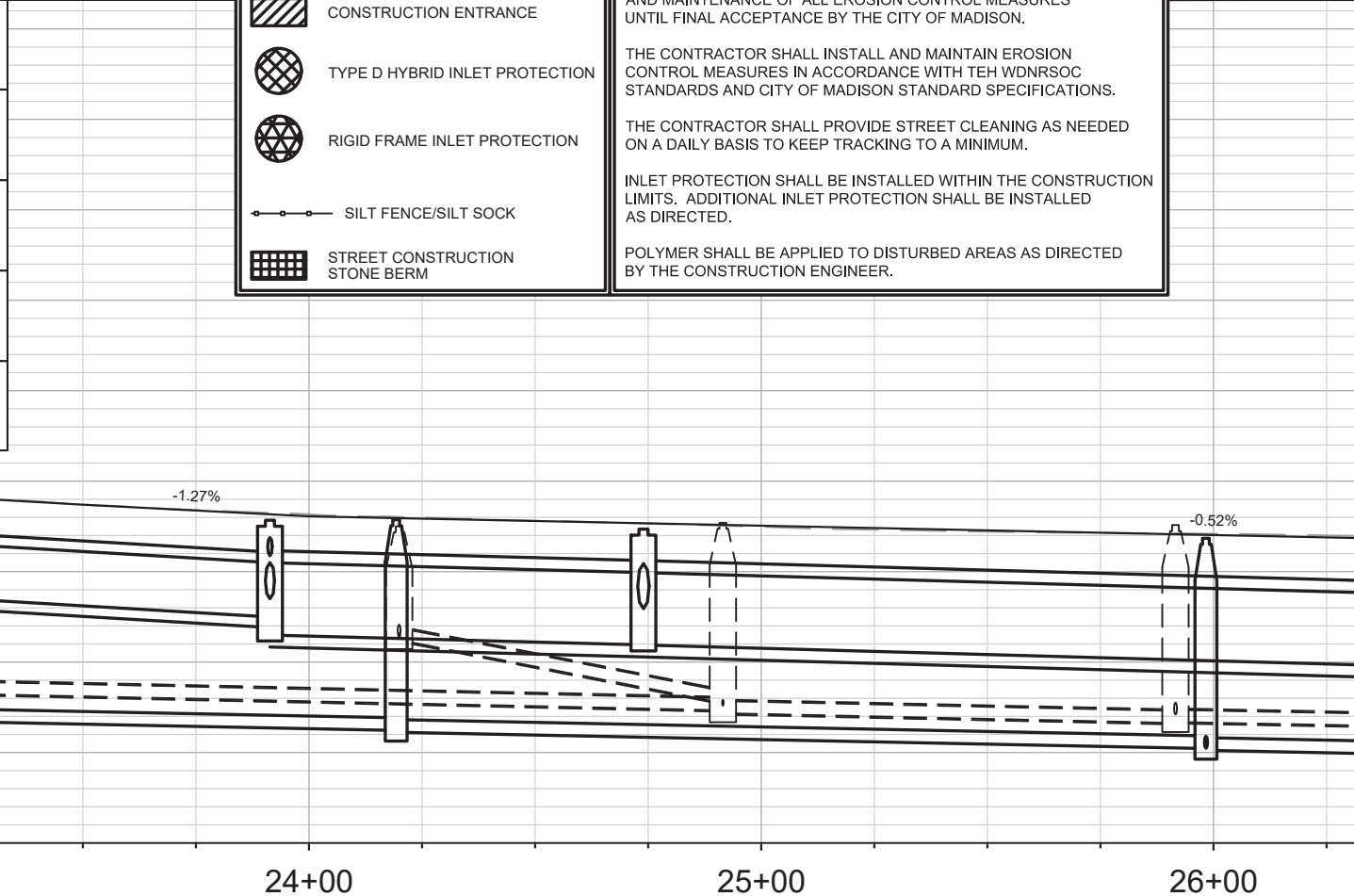
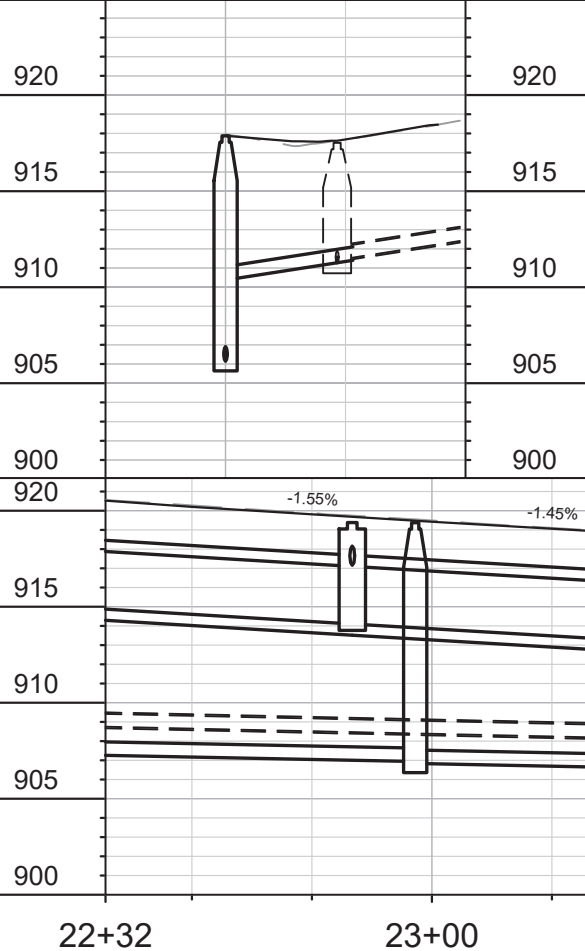
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THE CONTRACTOR SHALL INSTALL AND MAINTAIN EROSION CONTROL MEASURES IN ACCORDANCE WITH THE WDNRSOC STANDARDS AND CITY OF MADISON STANDARD SPECIFICATIONS.

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MARK	REVISION	DATE	BY
13175	13175	2/15/2022 9:54 AM	EC-5

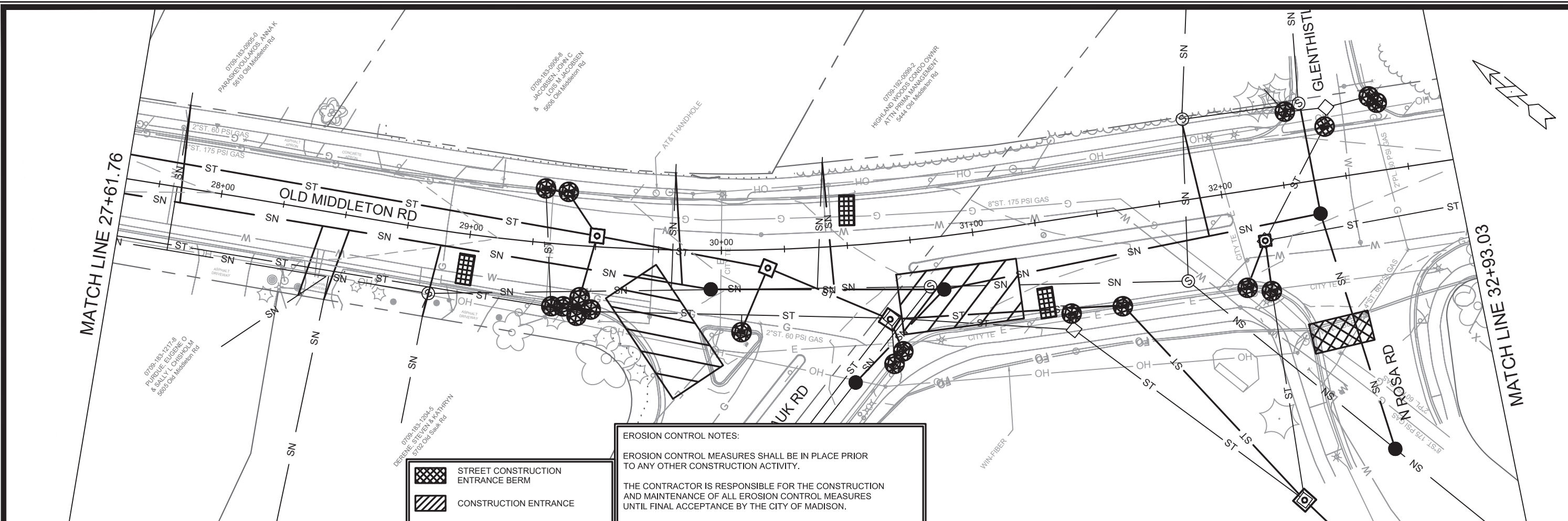
13175  
 MADISON, WI  
 8568  
 CONTRACT NO:  
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



13175  
 EC-5

MATCH LINE 27+61.76

MATCH LINE 32+93.03



-  STREET CONSTRUCTION ENTRANCE BERM
-  CONSTRUCTION ENTRANCE
-  TYPE D HYBRID INLET PROTECTION
-  RIGID FRAME INLET PROTECTION
-  SILT FENCE/SILT SOCK
-  STREET CONSTRUCTION STONE BERM

**EROSION CONTROL NOTES:**

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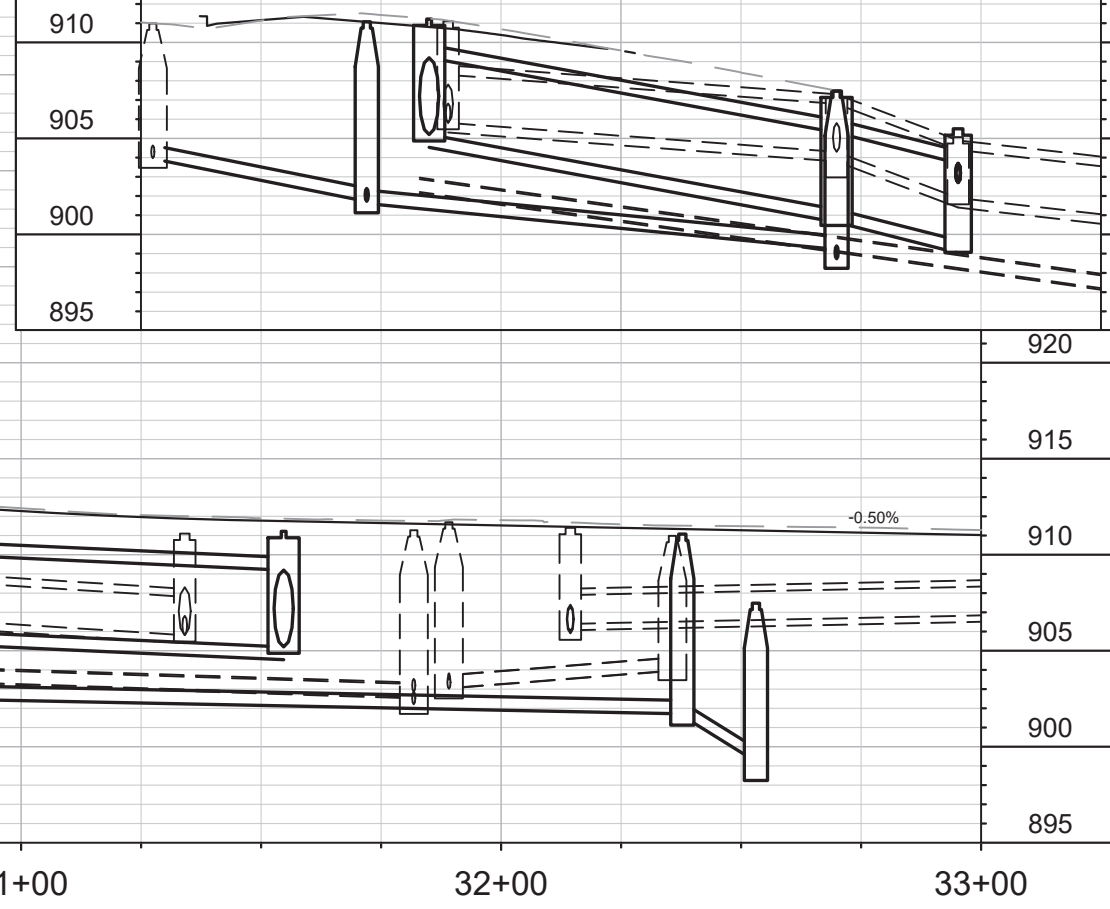
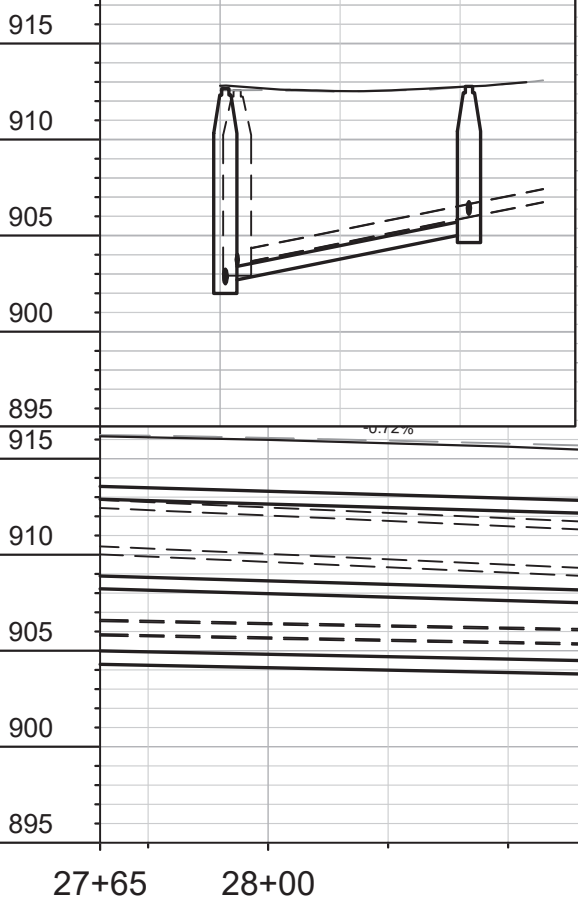
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MARK	REVISION	DATE	BY
13175	13175	2/15/2022 9:55 AM	EC-6

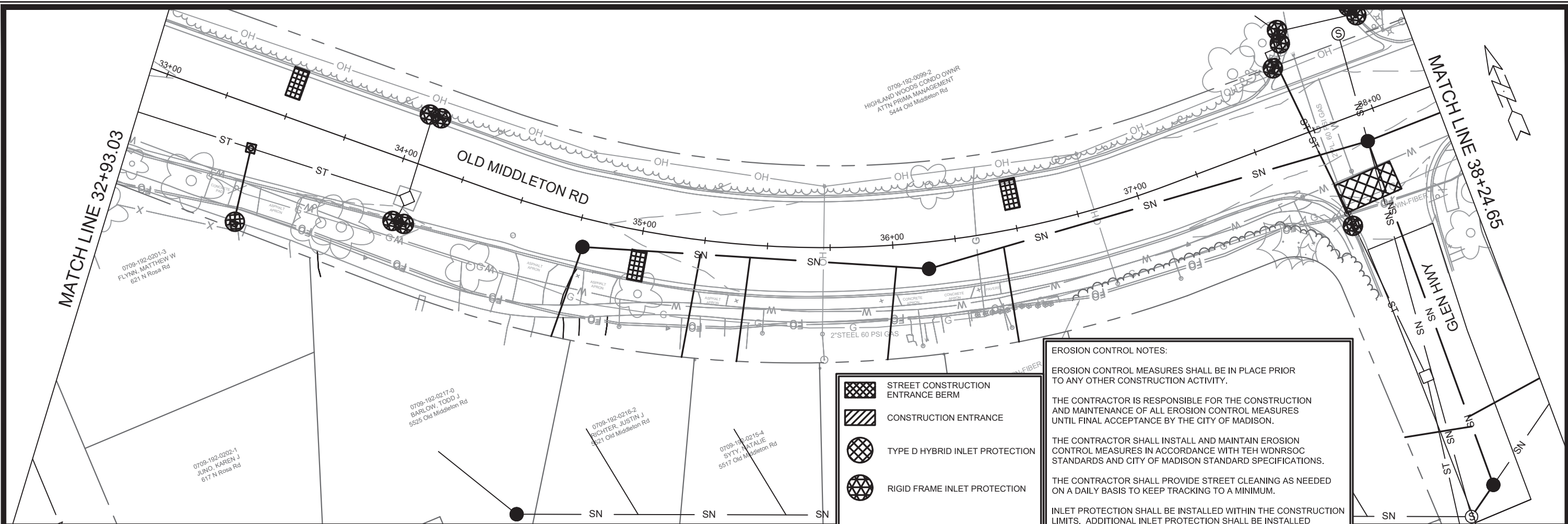
13175  
MADISON, WI  
8568  
CONTRACT NO:







EROSION CONTROL PLAN & PROFILE- OLD MIDDLETON ROAD  
OLD MIDDLETON RD & CRAIG AVE RESURFACING  
M:\DESIGN\Projects\13175\CAD\Drawings\13175EC-Plan.dwg



13175  
EC-6





-  STREET CONSTRUCTION ENTRANCE BERM
-  CONSTRUCTION ENTRANCE
-  TYPE D HYBRID INLET PROTECTION
-  RIGID FRAME INLET PROTECTION
-  SILT FENCE/SILT SOCK
-  STREET CONSTRUCTION STONE BERM

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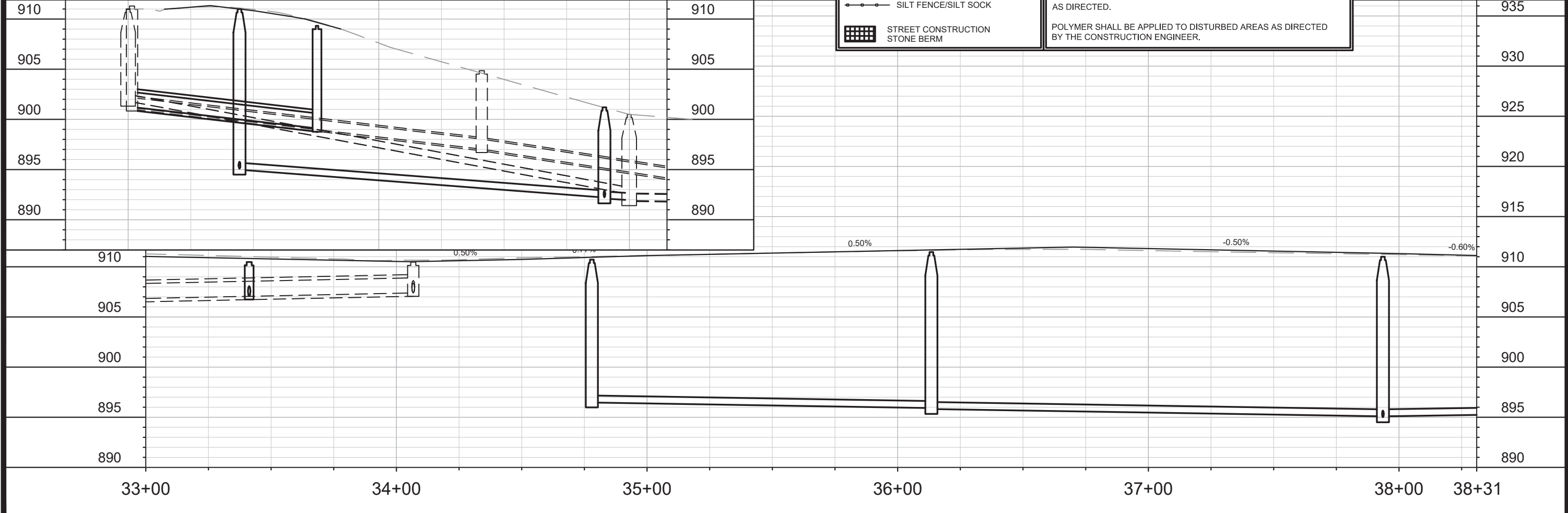
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MARK	REVISION	DATE	BY
13175	13175	2/15/2022 9:55 AM	EC-7

13175  
 MADISON, WI  
 8568  
 CONTRACT NO.:  
 13175CAD\sewers\13175EC-Plan.dwg



13175  
 EC-7



-  STREET CONSTRUCTION ENTRANCE BERM
-  CONSTRUCTION ENTRANCE
-  TYPE D HYBRID INLET PROTECTION
-  RIGID FRAME INLET PROTECTION
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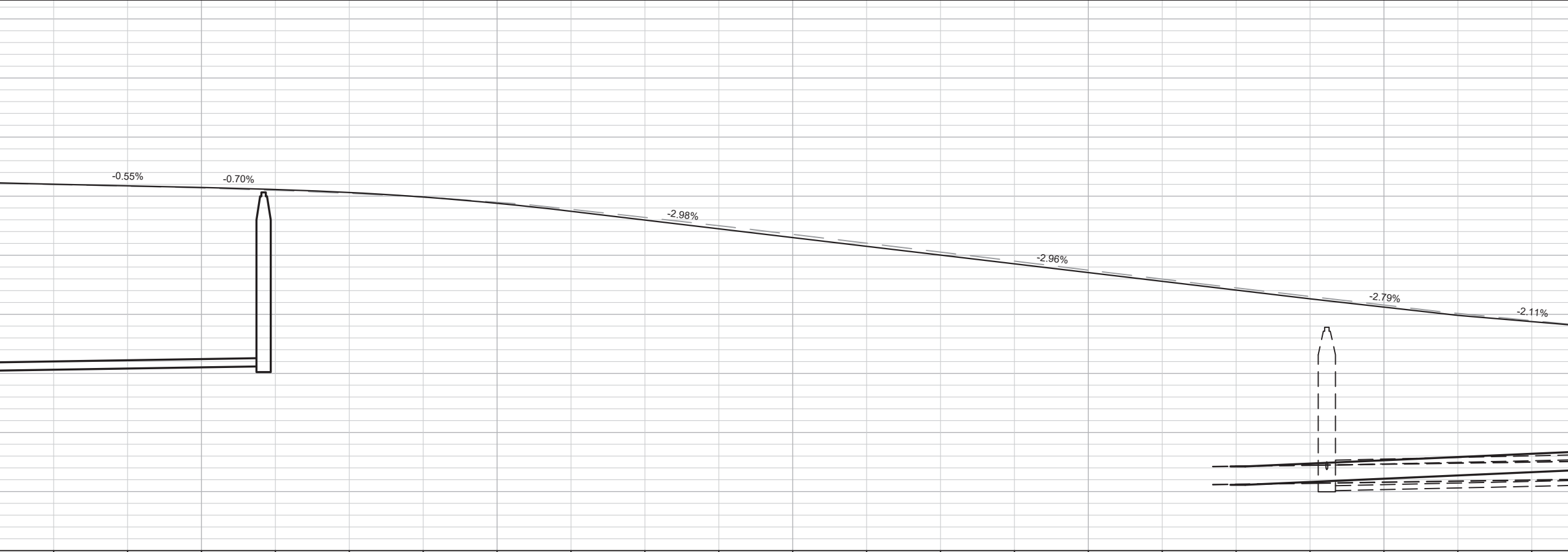
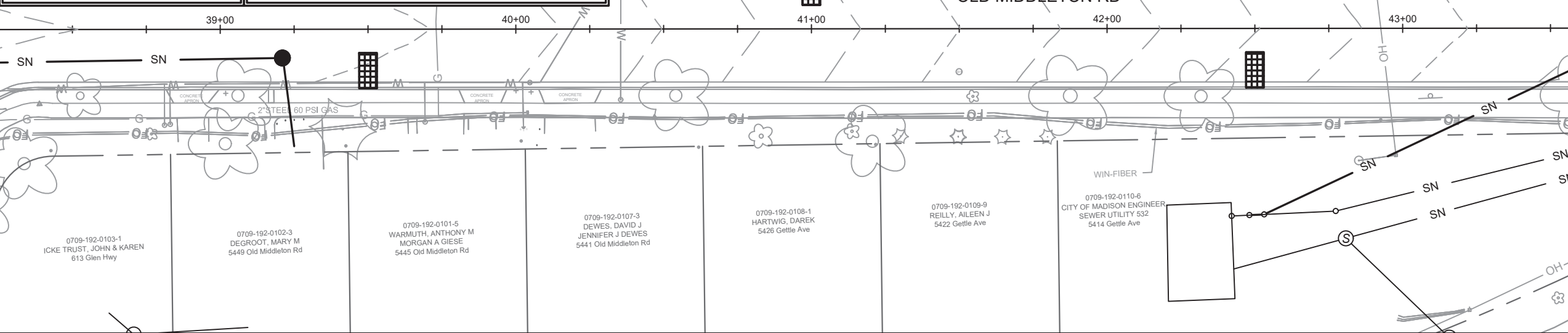
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0709-192-0098-4  
THE HIGHLANDS ABBEY CDM  
UNIT OWNERS ASSOC INC  
5418 Old Middleton Rd

MATCH LINE 38+24.65

MATCH LINE 43+57.66



38+31      39+00      40+00      41+00      42+00      43+00      43+64

MARK	REVISION	DATE	BY
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13175  
MADISON, WI  
13175  
8568  
CONTRACT NO:

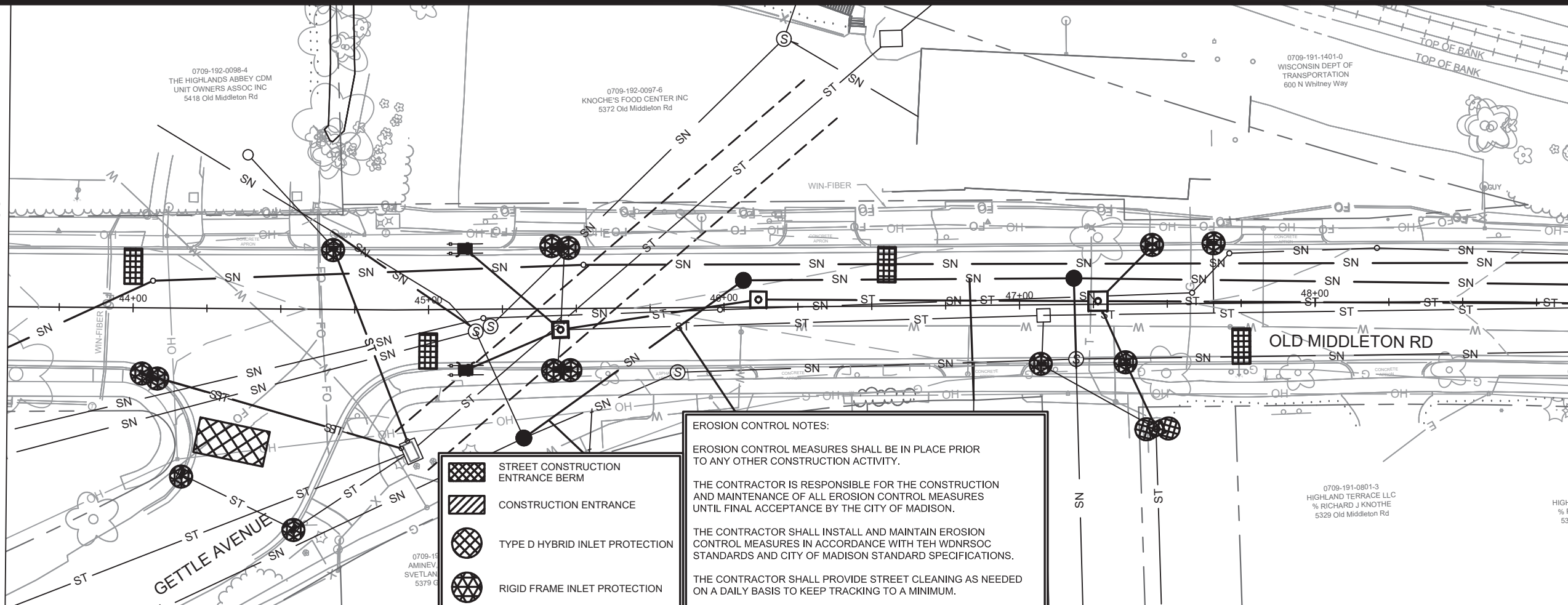


13175  
EC-8

EROSION CONTROL PLAN & PROFILE- OLD MIDDLETON ROAD  
OLD MIDDLETON RD & CRAIG AVE RESURFACING  
M:\DESIGN\Projects\13175\CAD\Sewers\13175EC-Plan.dwg

MATCH LINE 43+57.66

MATCH LINE 48+88.69



**EROSION CONTROL NOTES:**

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
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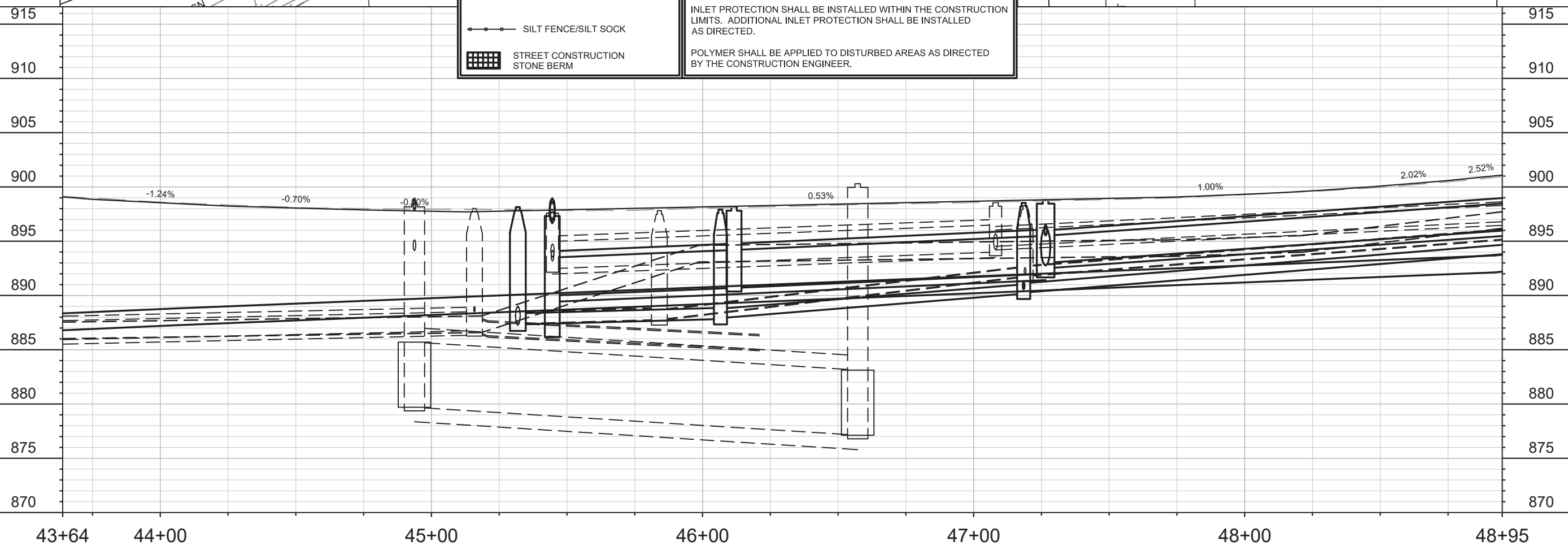
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-  CONSTRUCTION ENTRANCE
-  TYPE D HYBRID INLET PROTECTION
-  RIGID FRAME INLET PROTECTION
-  SILT FENCE/SILT SOCK
-  STREET CONSTRUCTION STONE BERM



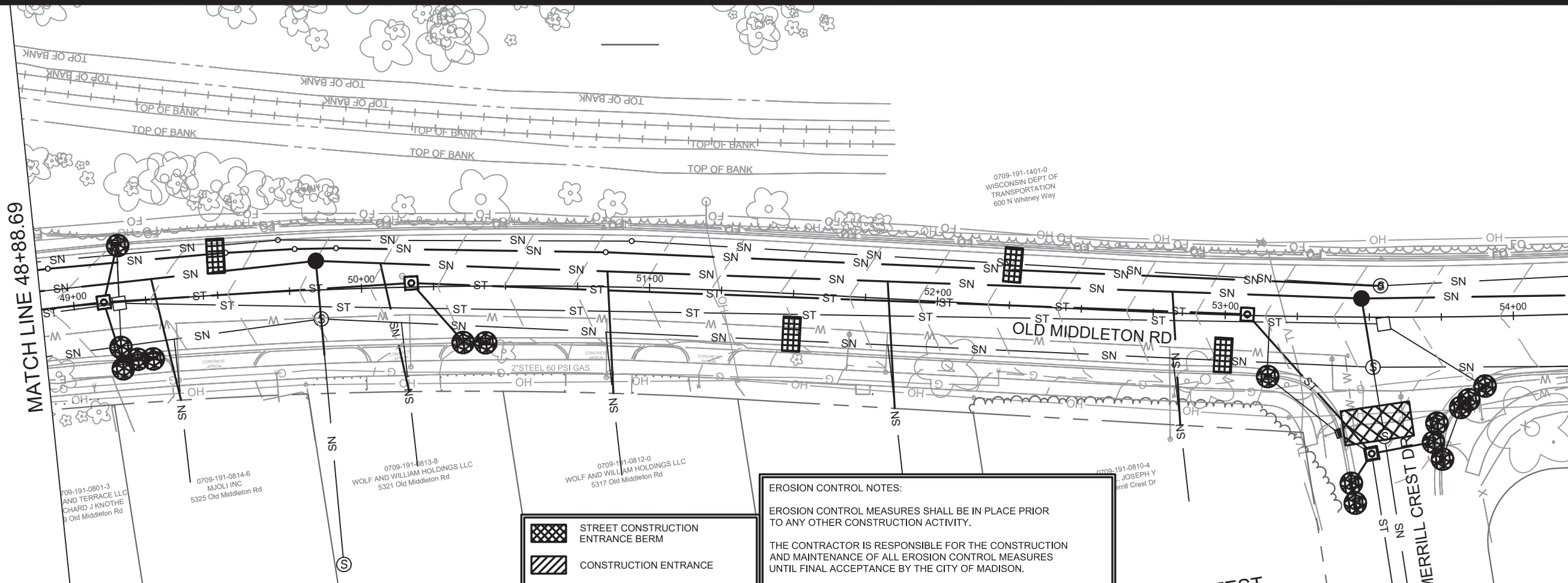
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13175  
 MADISON, WI  
 8568  
 CONTRACT NO:  
 13175CAD\sewers\13175EC-Plan.dwg

EROSION CONTROL PLAN & PROFILE- OLD MIDDLETON ROAD  
 OLD MIDDLETON RD & CRAIG AVE RESURFACING  
  
 13175  
 EC-9

MATCH LINE 48+88.69

MATCH LINE 54+23.80



0709-191-1401-0  
WISCONSIN DEPT OF  
TRANSPORTATION  
600 N Whitney Way

0709-191-0801-3  
AND TERRACE LLC  
CHARD J KNOTHE  
9 Old Middleton Rd

0709-191-0814-6  
MJOLI INC  
5325 Old Middleton Rd

0709-191-0813-8  
WOLF AND WILLIAM HOLDINGS LLC  
5321 Old Middleton Rd

0709-191-0812-0  
WOLF AND WILLIAM HOLDINGS LLC  
5317 Old Middleton Rd

0709-191-0810-4  
JOSEPH Y  
Merrill Crest Dr

**EROSION CONTROL NOTES:**

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
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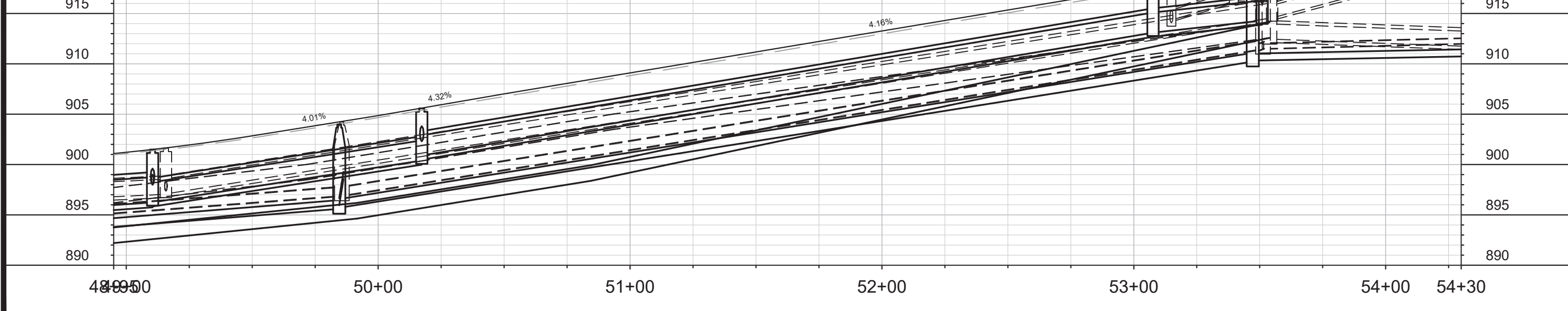
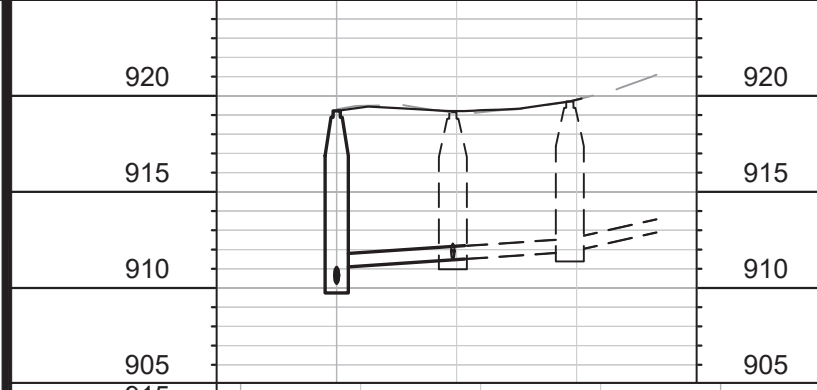
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-  RIGID FRAME INLET PROTECTION
-  SILT FENCE/SILT SOCK
-  STREET CONSTRUCTION STONE BERM



MARK	REVISION	DATE	BY
13175	13175	2/15/2022 9:56 AM	Scale: 1" = 40'

13175  
MADISON, WI  
8568  
CONTRACT NO:

EROSION CONTROL PLAN & PROFILE- OLD MIDDLETON ROAD  
OLD MIDDLETON RD & CRAIG AVE RESURFACING  
M:\DESIGN\Projects\13175\CAD\sewers\13175EC-Plan.dwg



13175  
EC-10



0709-191-1401-0  
WISCONSIN DEPT OF  
TRANSPORTATION  
600 N Whitney Way

MATCH LINE 54+23.80

MATCH LINE 59+57.04

OLD MIDDLETON RD







0709-191-0733-8  
MERC123 LLC  
5225 Old Middleton Rd

0709-191-0738-8  
KNUPP PROPERTIES LLC  
ATTN CHAMBERS CPA LLC  
5219 Old Middleton Rd

0709-191-0732-0  
JOROFF, STEVE  
5215 Old Middleton Rd

0709-191-0731-2  
5211 OLD MIDDLETON DR LLC  
5211 Old Middleton Rd

0709-191-0731-4  
WHITNEY-OLD MID  
5201 Old Midd

-  STREET CONSTRUCTION ENTRANCE BERM
-  CONSTRUCTION ENTRANCE
-  TYPE D HYBRID INLET PROTECTION
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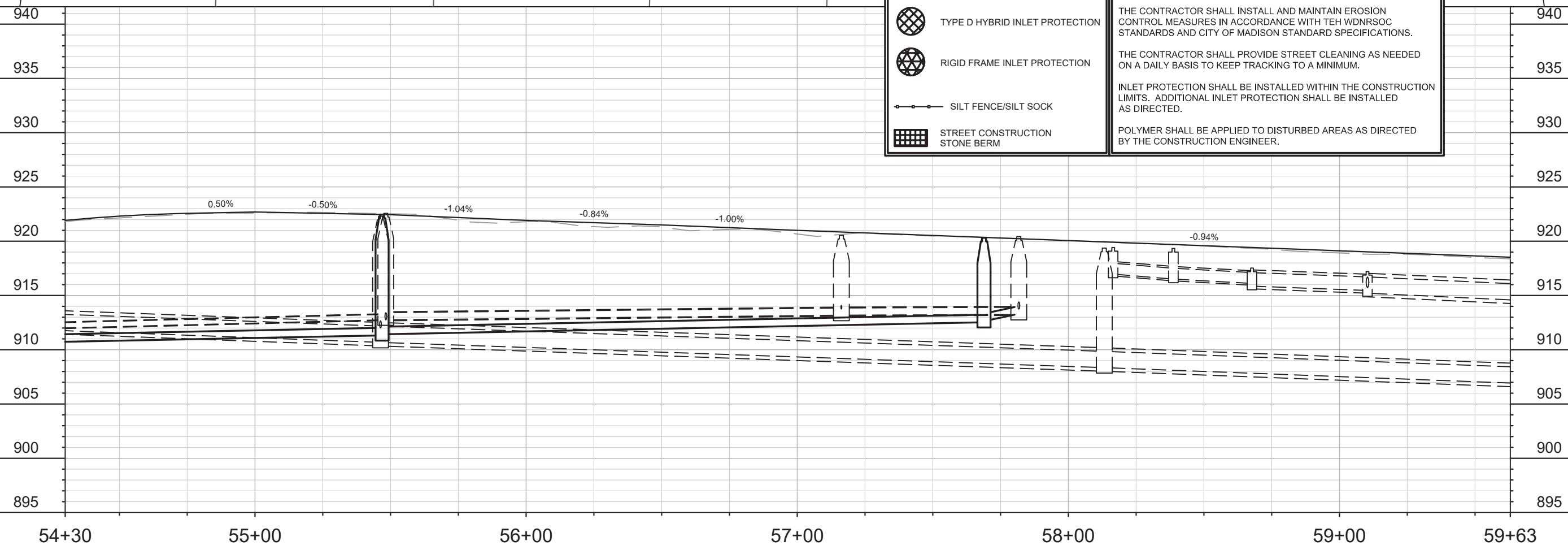
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MARK	REVISION	DATE	BY
13175 <td>13175 <td>2/15/2022 9:57 AM <td>EC-11 </td></td></td>	13175 <td>2/15/2022 9:57 AM <td>EC-11 </td></td>	2/15/2022 9:57 AM <td>EC-11 </td>	EC-11

13175  
MADISON, WI  
8568  
CONTRACT NO:

EROSION CONTROL PLAN & PROFILE- OLD MIDDLETON ROAD  
OLD MIDDLETON RD & CRAIG AVE RESURFACING  
M:\DESIGN\Projects\13175\CAD\Servers\13175EC-Plan.dwg

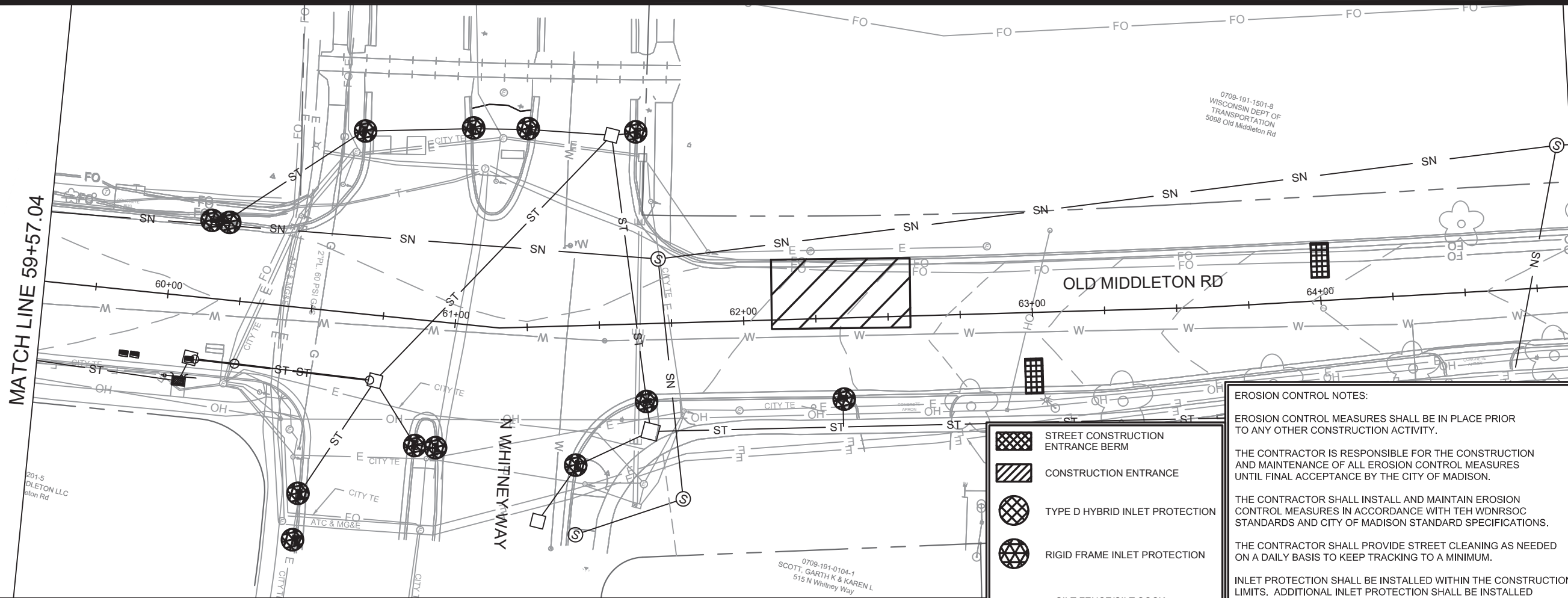


13175  
EC-11



MATCHLINE 59+57.04

MATCHLINE 64+89.28



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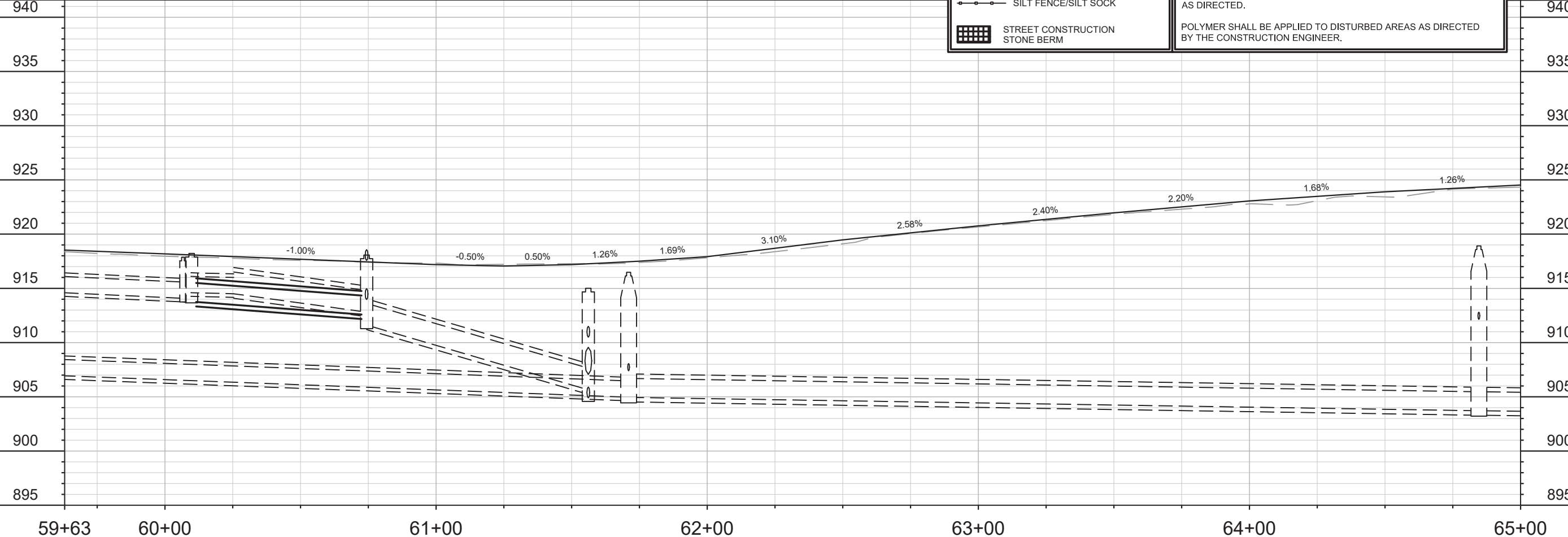
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- CONSTRUCTION ENTRANCE
- TYPE D HYBRID INLET PROTECTION
- RIGID FRAME INLET PROTECTION
- SILT FENCE/SILT SOCK
- STREET CONSTRUCTION STONE BERM



0709-191-1501-8  
WISCONSIN DEPT. OF  
TRANSPORTATION  
5098 Old Middleton Rd

0709-191-0104-1  
SCOTT, GARTH K & KAREN L  
515 N Whitney Way

MARK	REVISION	DATE	BY
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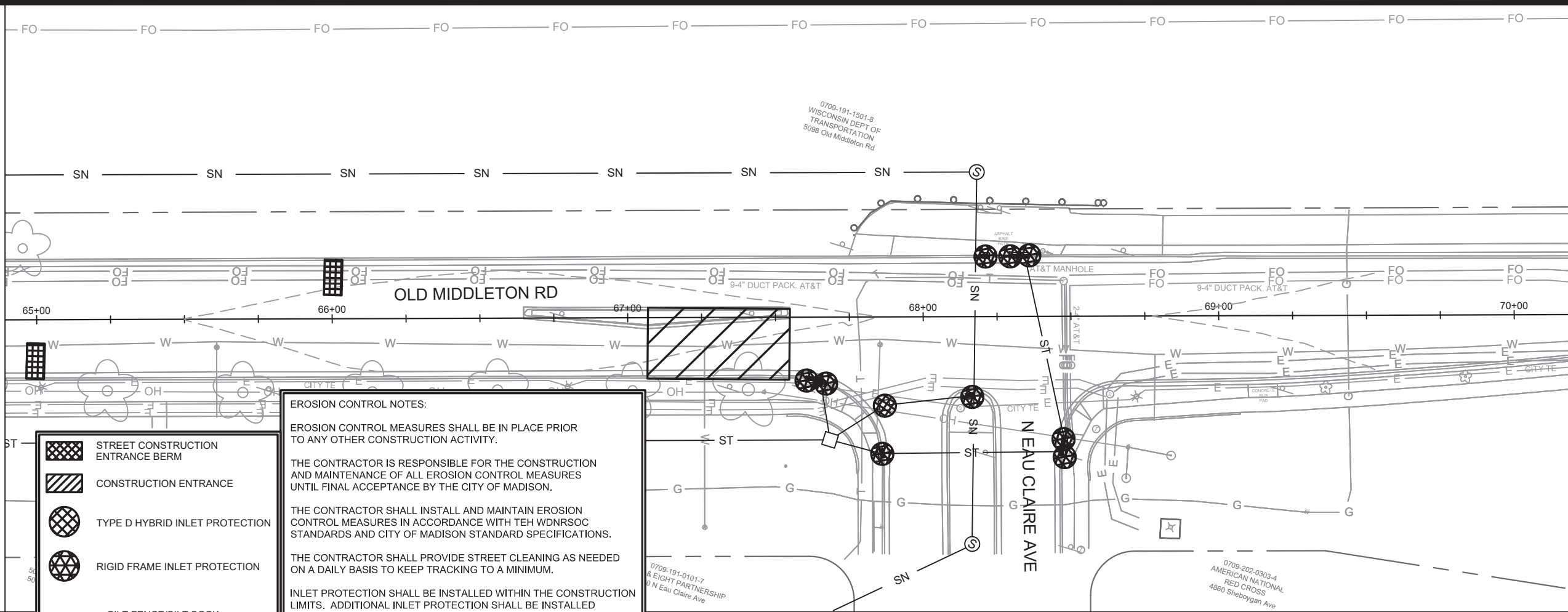
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MADISON, WI  
8568  
CONTRACT NO.:  
13175/CAD/Sewers/13175EC-Plan.dwg

EROSION CONTROL PLAN & PROFILE- OLD MIDDLETON ROAD  
OLD MIDDLETON RD & CRAIG AVE RESURFACING

13175  
EC-12

MATCH LINE 64+89.28

MATCH LINE 70+23.29



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

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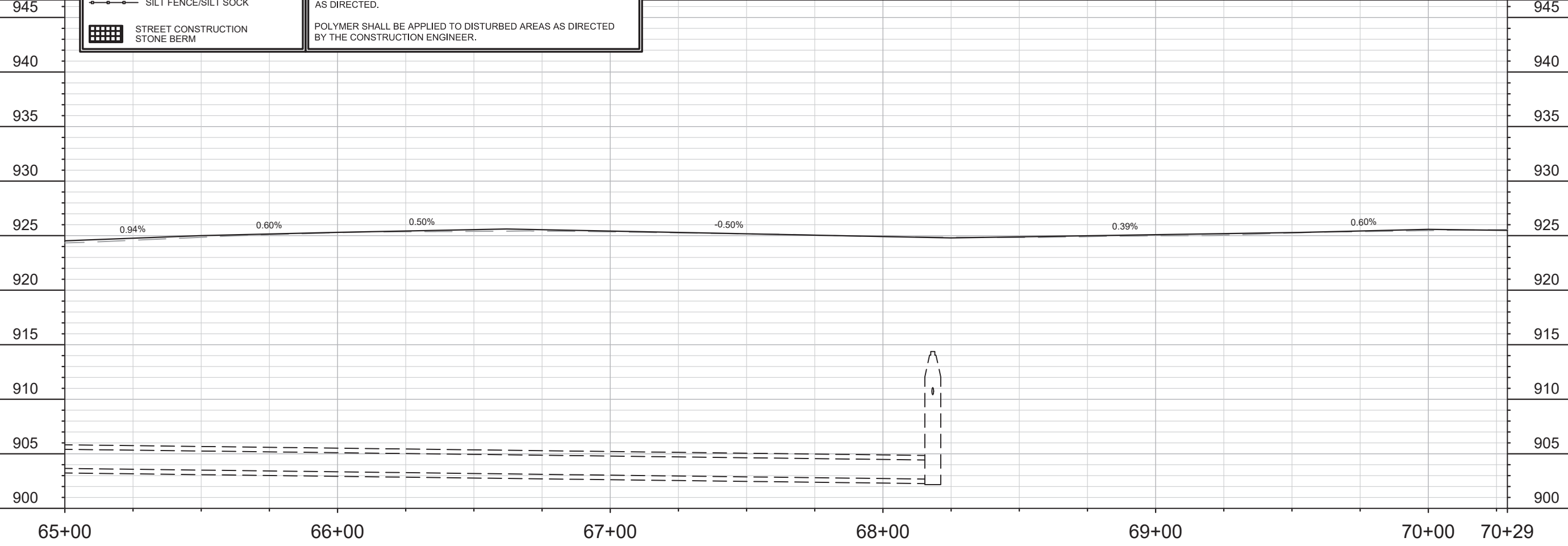
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-  STREET CONSTRUCTION STONE BERM

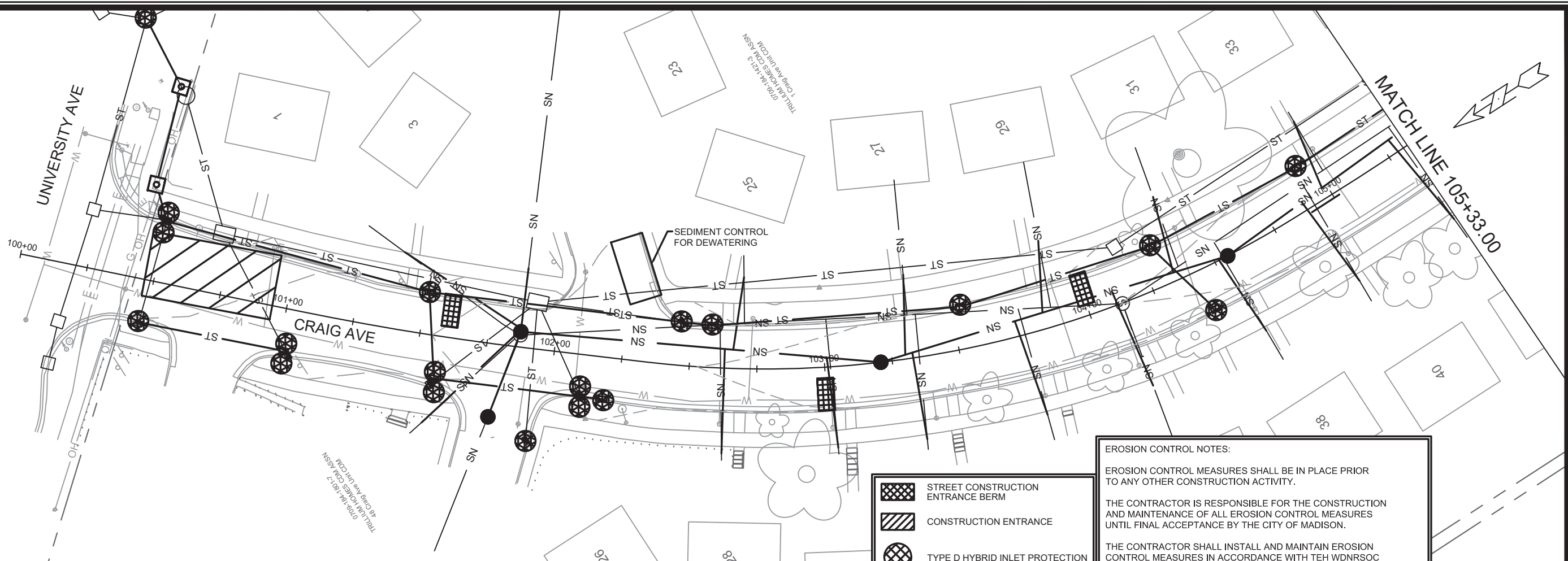








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13175  
 MADISON, WI  
 8568  
 CONTRACT NO:  
 EROSION CONTROL PLAN & PROFILE- OLD MIDDLETON ROAD  
 OLD MIDDLETON RD & CRAIG AVE RESURFACING  
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13175  
 EC-13



-  STREET CONSTRUCTION ENTRANCE BERM
-  CONSTRUCTION ENTRANCE
-  TYPE D HYBRID INLET PROTECTION
-  RIGID FRAME INLET PROTECTION
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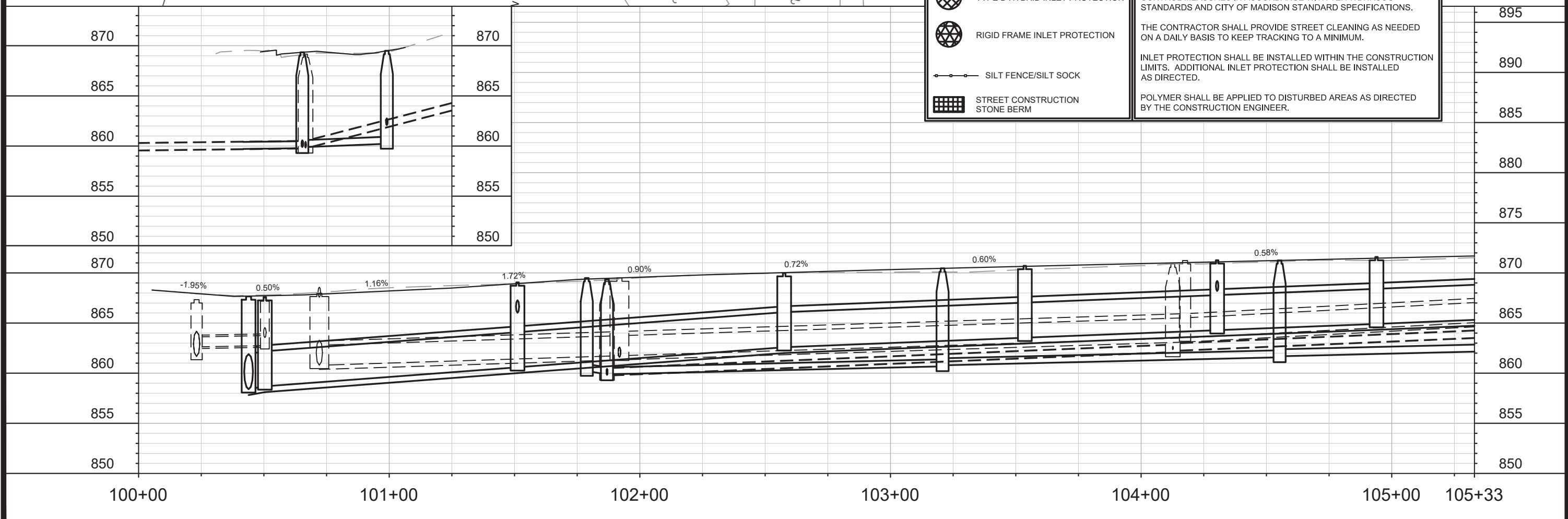
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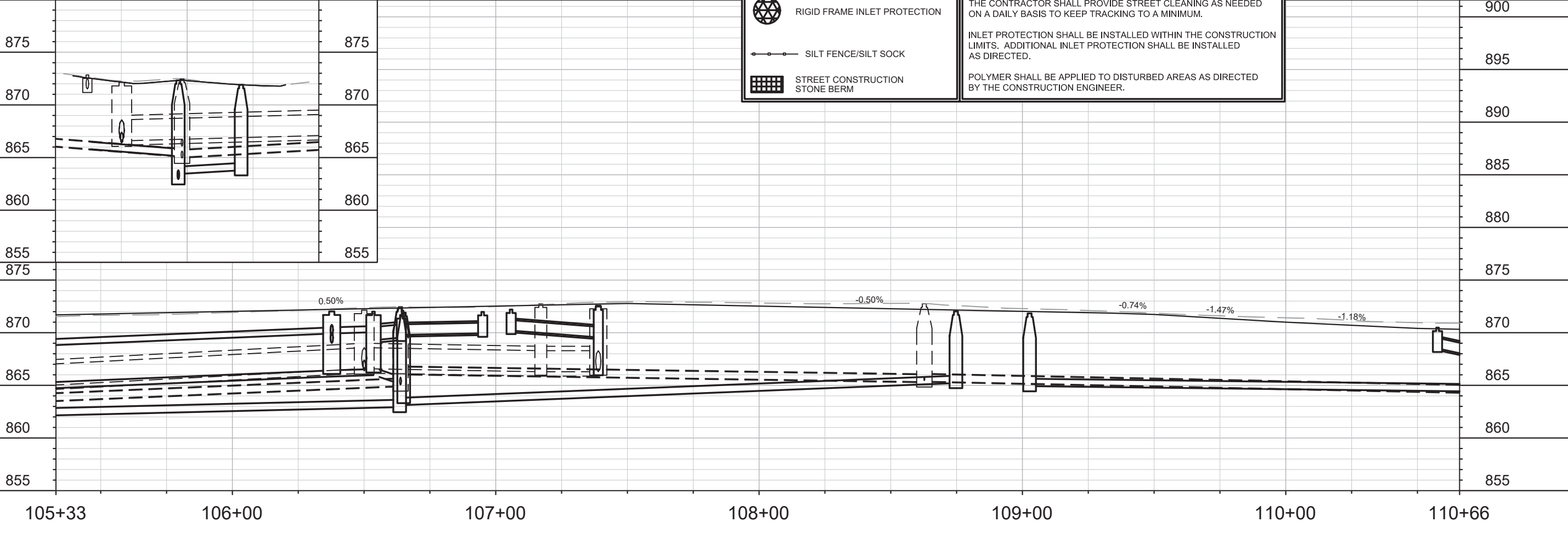
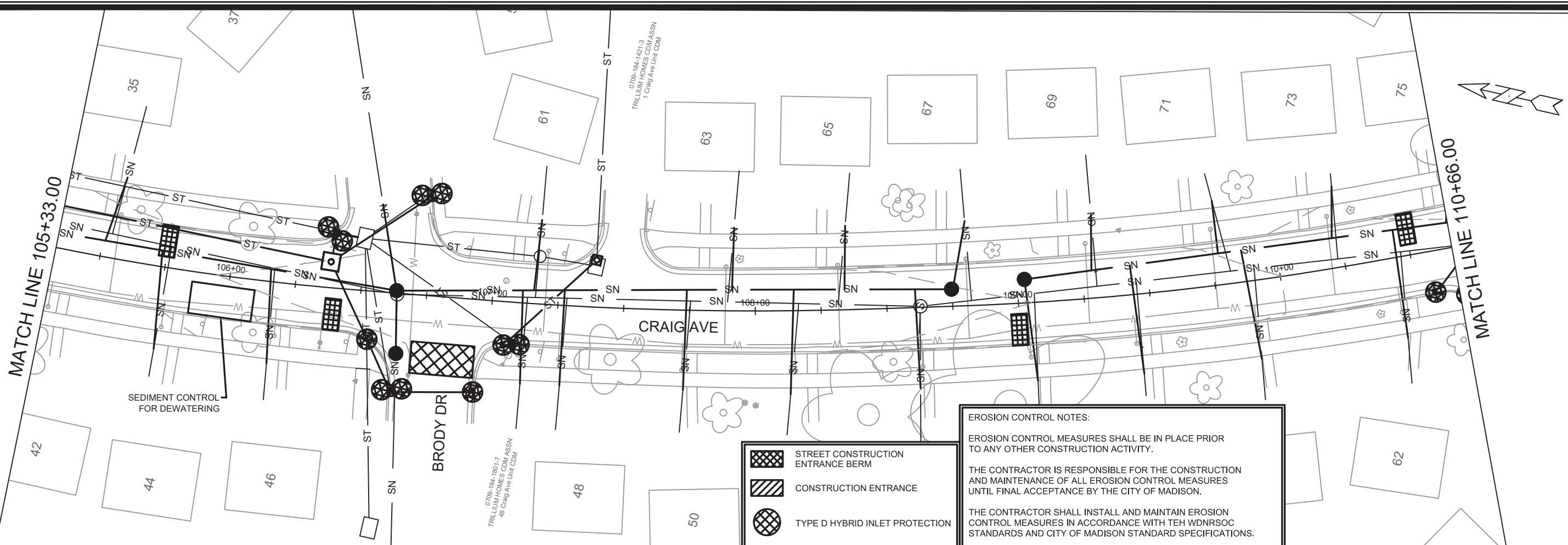
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MADISON, WI  
8568  
CONTRACT NO:







EROSION CONTROL PLAN & PROFILE - CRAIG AVENUE  
OLD MIDDLETON RD & CRAIG AVE RESURFACING  
M:\DESIGN\Projects\13175\CAD\Sewers\13175EC-Plan.dwg



13175  
EC-14





-  STREET CONSTRUCTION ENTRANCE BERM
-  CONSTRUCTION ENTRANCE
-  TYPE D HYBRID INLET PROTECTION
-  RIGID FRAME INLET PROTECTION
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Designed By: ##		Scale: 1" = 40'	
Contract No: 8568		EC-15	

13175  
MADISON, WI  
CONTRACT NO: 8568

EROSION CONTROL PLAN & PROFILE - CRAIG AVENUE  
OLD MIDDLETON RD & CRAIG AVE RESURFACING

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13175  
EC-15

MATCH LINE 110+66.00

MATCH LINE 116+00.00

CRAIG AVE

SEDIMENT CONTROL FOR DEWATERING

-  STREET CONSTRUCTION ENTRANCE BERM
-  CONSTRUCTION ENTRANCE
-  TYPE D HYBRID INLET PROTECTION
-  RIGID FRAME INLET PROTECTION
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EROSION CONTROL MEASURES SHALL BE IN PLACE PRIOR TO ANY OTHER CONSTRUCTION ACTIVITY.

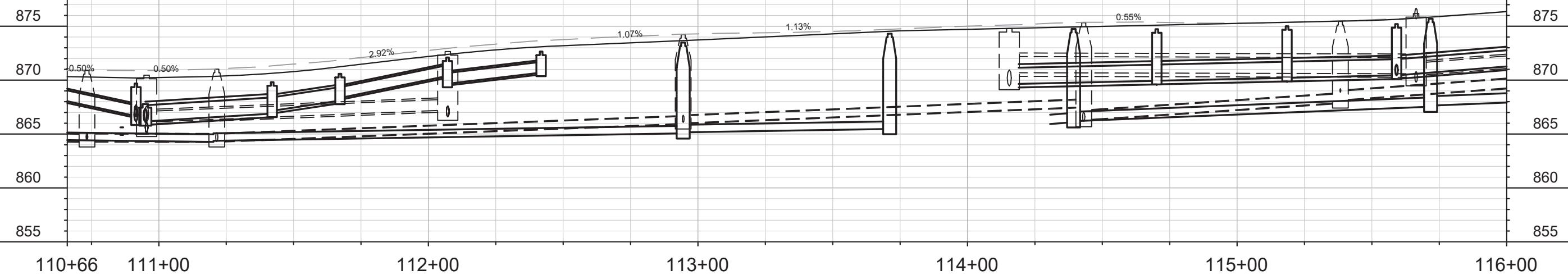
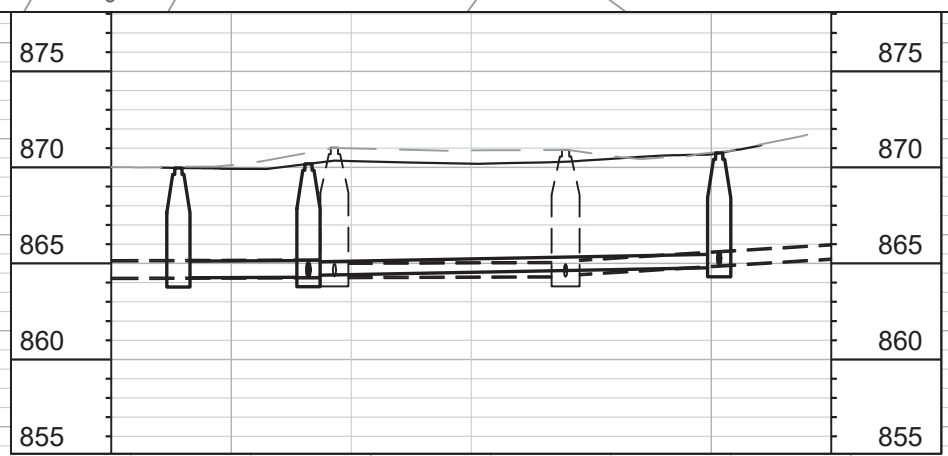
THE CONTRACTOR IS RESPONSIBLE FOR THE CONSTRUCTION AND MAINTENANCE OF ALL EROSION CONTROL MEASURES UNTIL FINAL ACCEPTANCE BY THE CITY OF MADISON.

THE CONTRACTOR SHALL INSTALL AND MAINTAIN EROSION CONTROL MEASURES IN ACCORDANCE WITH TEH 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 INSTALLED AS DIRECTED.

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



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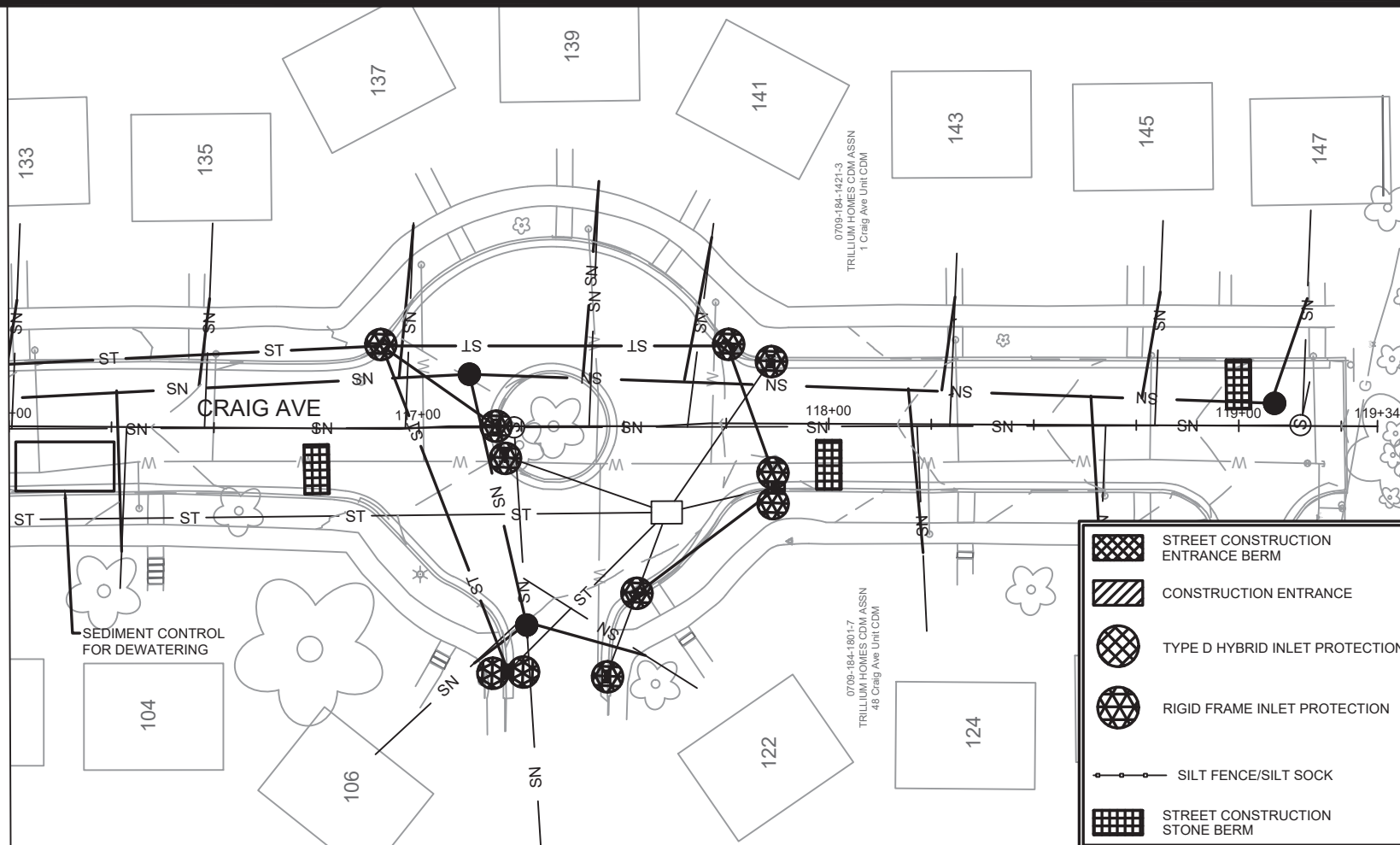
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MADISON, WI  
8568  
CONTRACT NO.:  
EROSION CONTROL PLAN & PROFILE - CRAIG AVENUE  
OLD MIDDLETON RD & CRAIG AVE RESURFACING









13175  
EC-16

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MATCH LINE 116+00.00



-  STREET CONSTRUCTION ENTRANCE BERM
-  CONSTRUCTION ENTRANCE
-  TYPE D HYBRID INLET PROTECTION
-  RIGID FRAME INLET PROTECTION
-  SILT FENCE/SILT SOCK
-  STREET CONSTRUCTION STONE BERM

**EROSION CONTROL NOTES:**

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

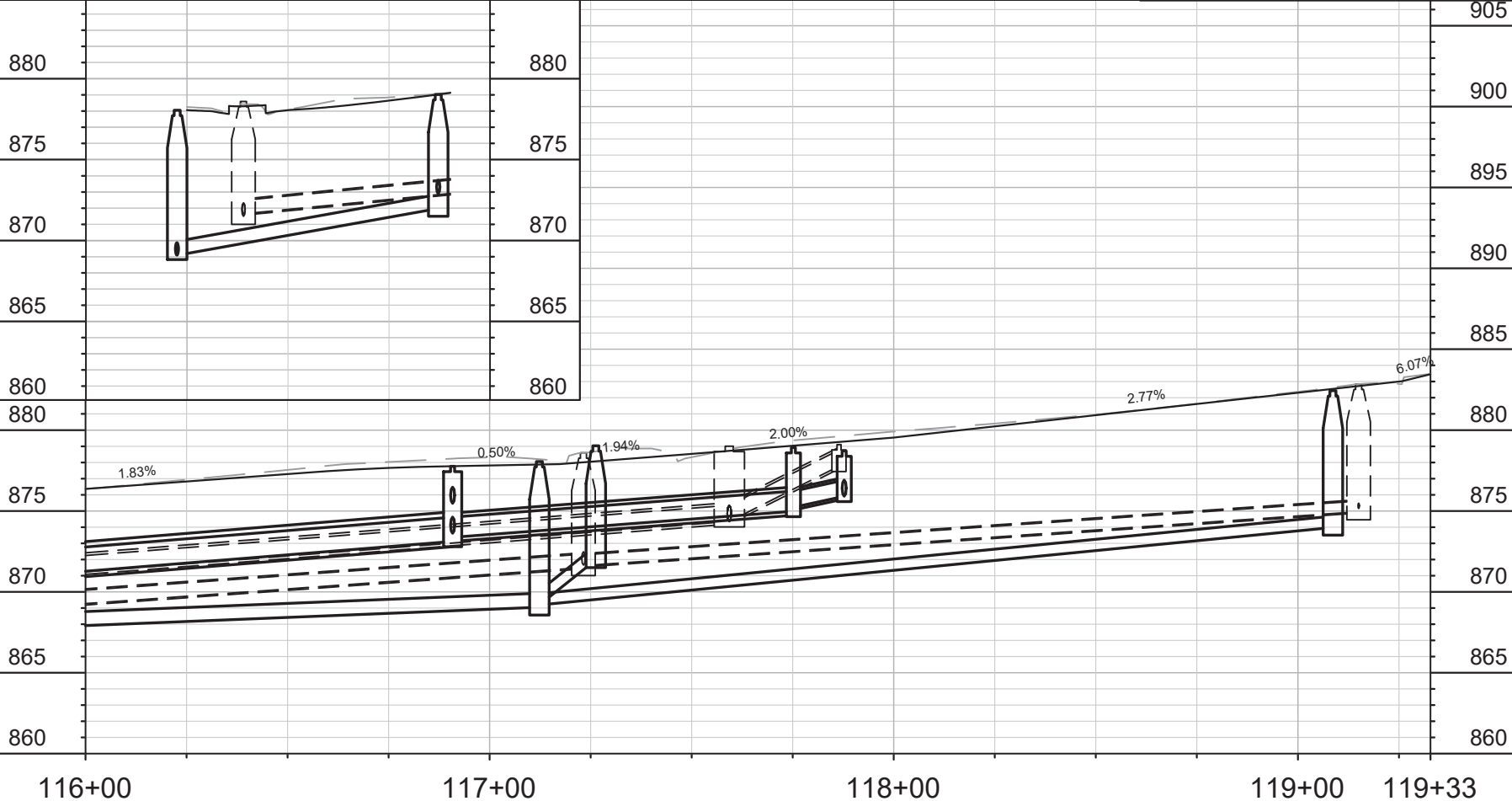
THE CONTRACTOR IS RESPONSIBLE FOR THE CONSTRUCTION AND MAINTENANCE OF ALL EROSION CONTROL MEASURES UNTIL FINAL ACCEPTANCE BY THE CITY OF MADISON.

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MADISON, WI  
8568  
CONTRACT NO:

EROSION CONTROL PLAN & PROFILE - CRAIG AVENUE  
OLD MIDDLETON RD & CRAIG AVE RESURFACING  
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13175  
EC-17



0709-182-2009-0  
 ASPINWALL, JUDITH N  
 1602 Capital Ave

0709-182-2312-7  
 ELLERY, BRUCE T  
 & MARIE M DERODRIGUEZ  
 1601 Capital Ave

0709-182-2313-5  
 STONE, STEPHEN & KAREN  
 5918 Old Middleton Rd

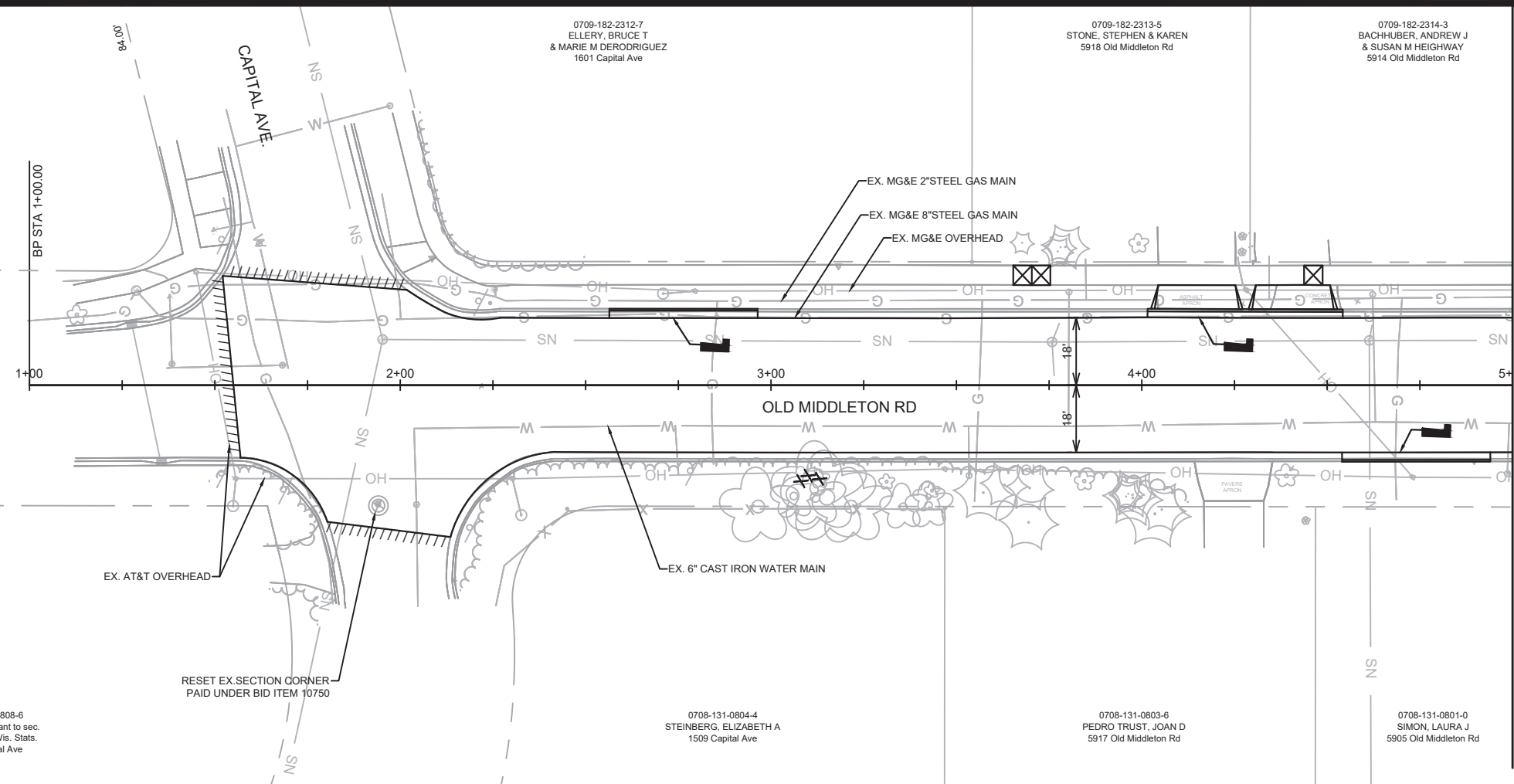
0709-182-2314-3  
 BACHHUBER, ANDREW J  
 & SUSAN M HEIGHWAY  
 5914 Old Middleton Rd

0708-131-0808-6  
 Withheld pursuant to sec.  
 19.35(1)(am) Wis. Stats.  
 1508 Capital Ave

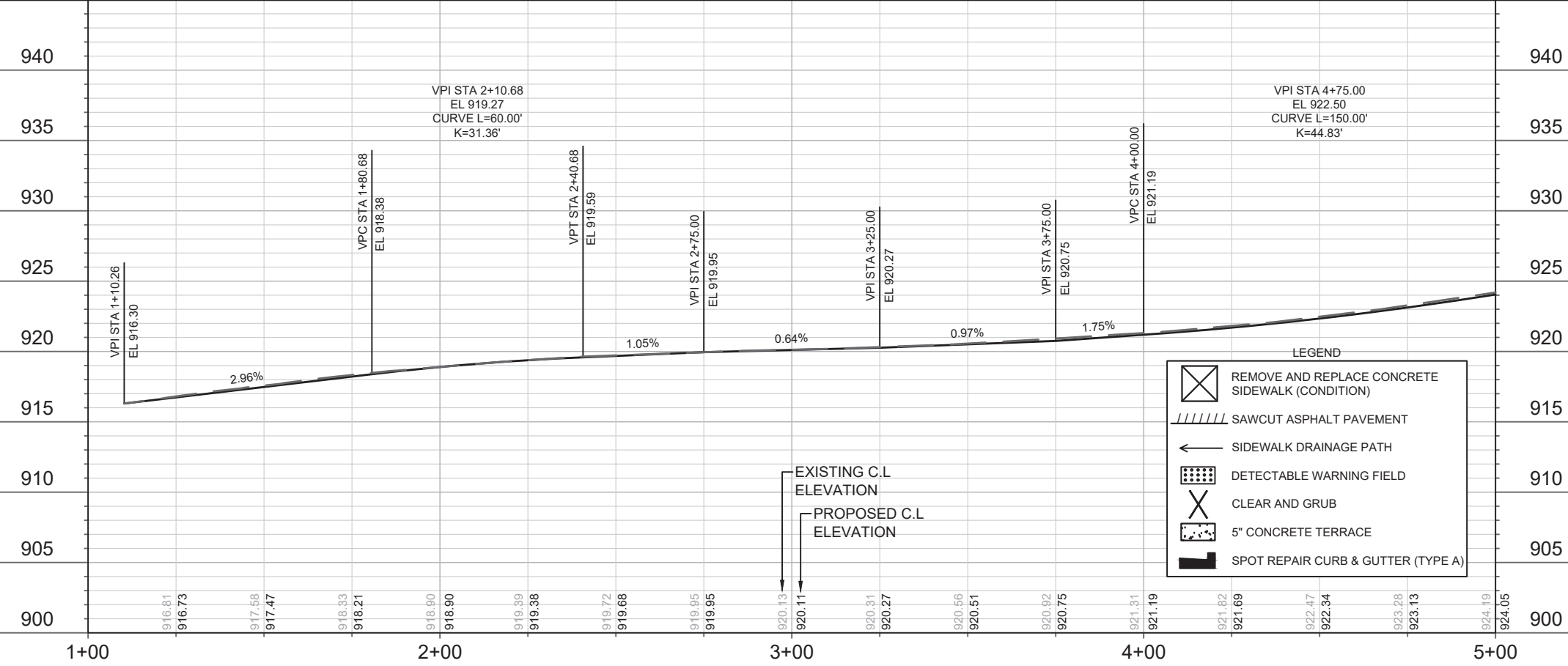
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 STEINBERG, ELIZABETH A  
 1509 Capital Ave

0708-131-0803-6  
 PEDRO TRUST, JOAN D  
 5917 Old Middleton Rd

0708-131-0801-0  
 SIMON, LAURA J  
 5905 Old Middleton Rd



MATCH LINE 5+00.00



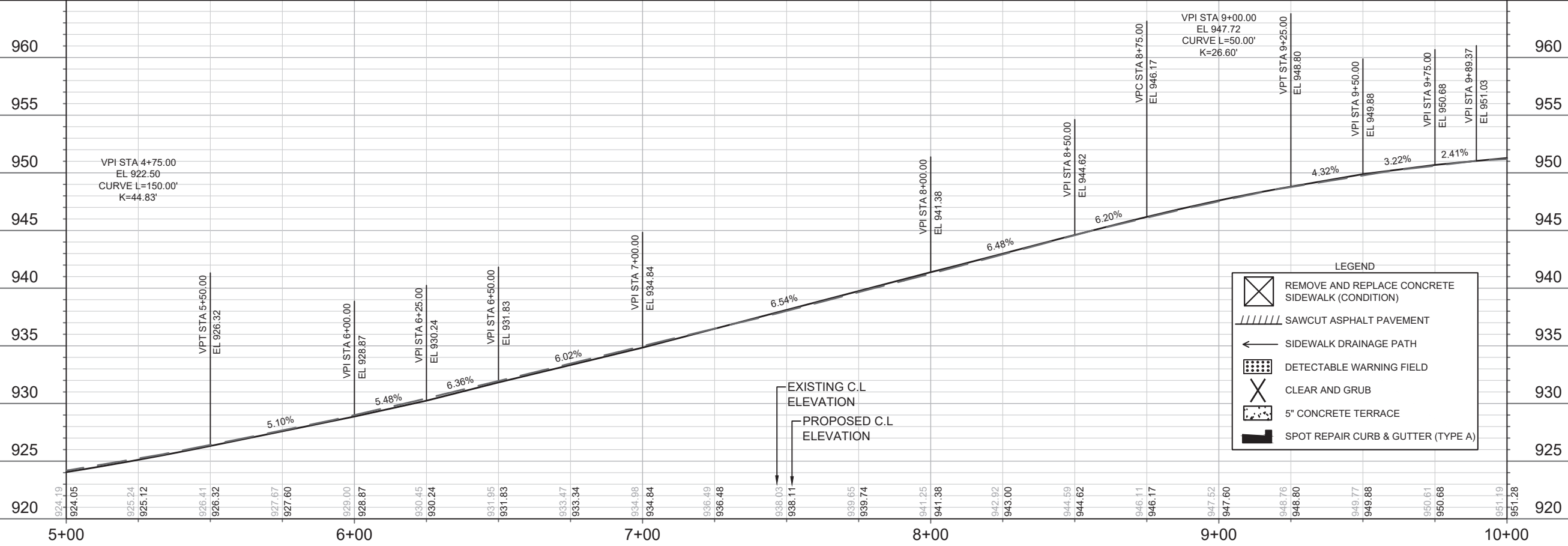
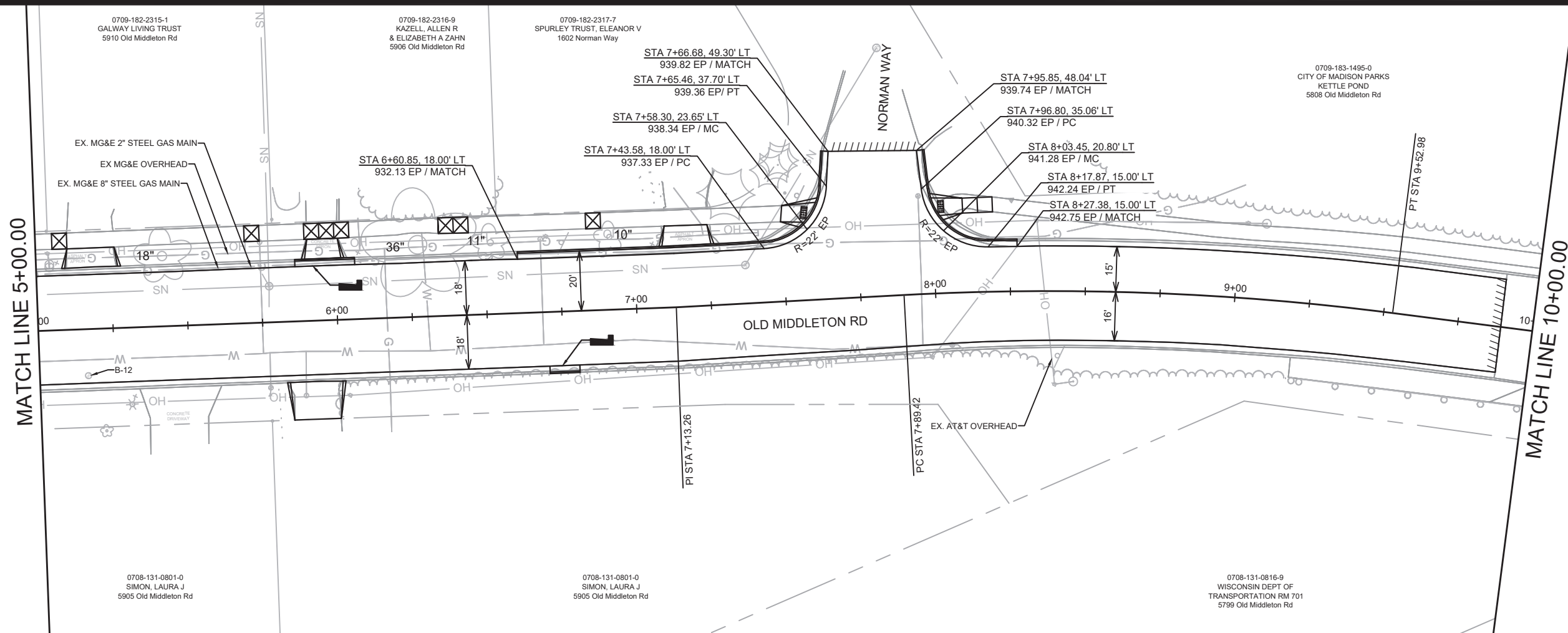
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 8568  
 CONTRACT NO:

PLAN & PROFILE- OLD MIDDLETON ROAD  
 OLD MIDDLETON RD & CRAIG AVE RESURFACING  
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13175  
 P-1



LEGEND

- REMOVE AND REPLACE CONCRETE SIDEWALK (CONDITION)
- SAWCUT ASPHALT PAVEMENT
- SIDEWALK DRAINAGE PATH
- DETECTABLE WARNING FIELD
- CLEAR AND GRUB
- 5" CONCRETE TERRACE
- SPOT REPAIR CURB & GUTTER (TYPE A)

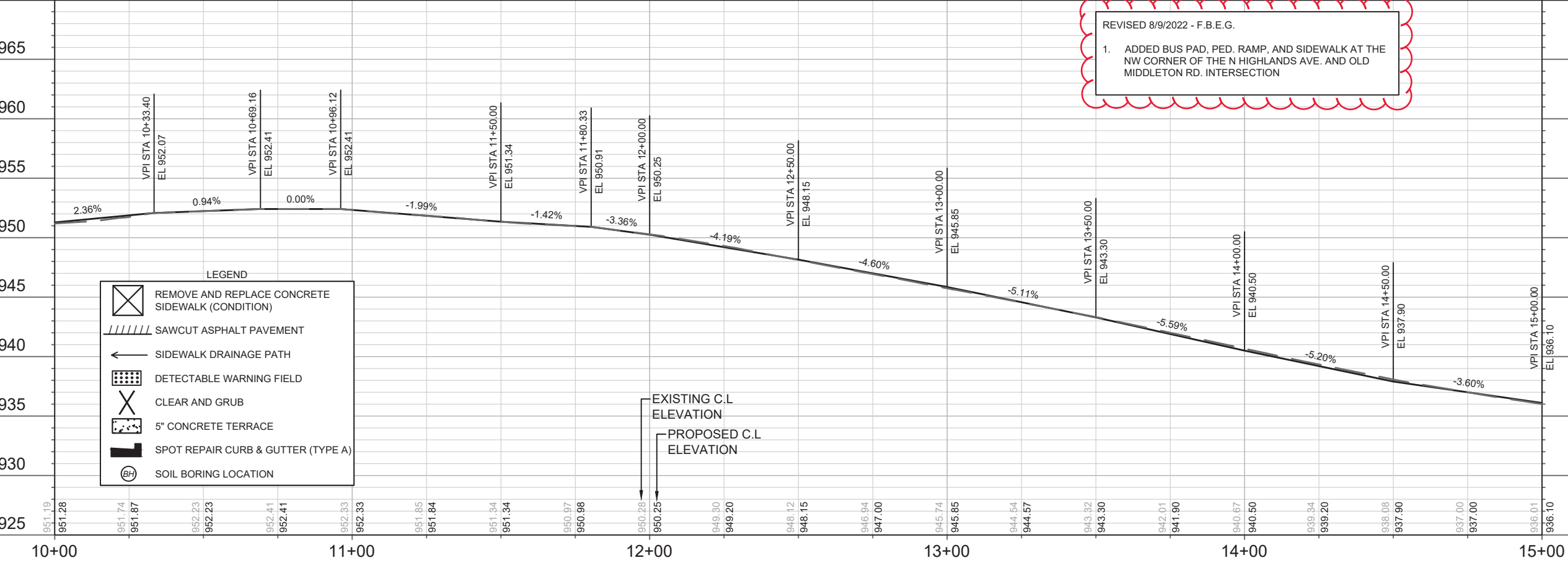
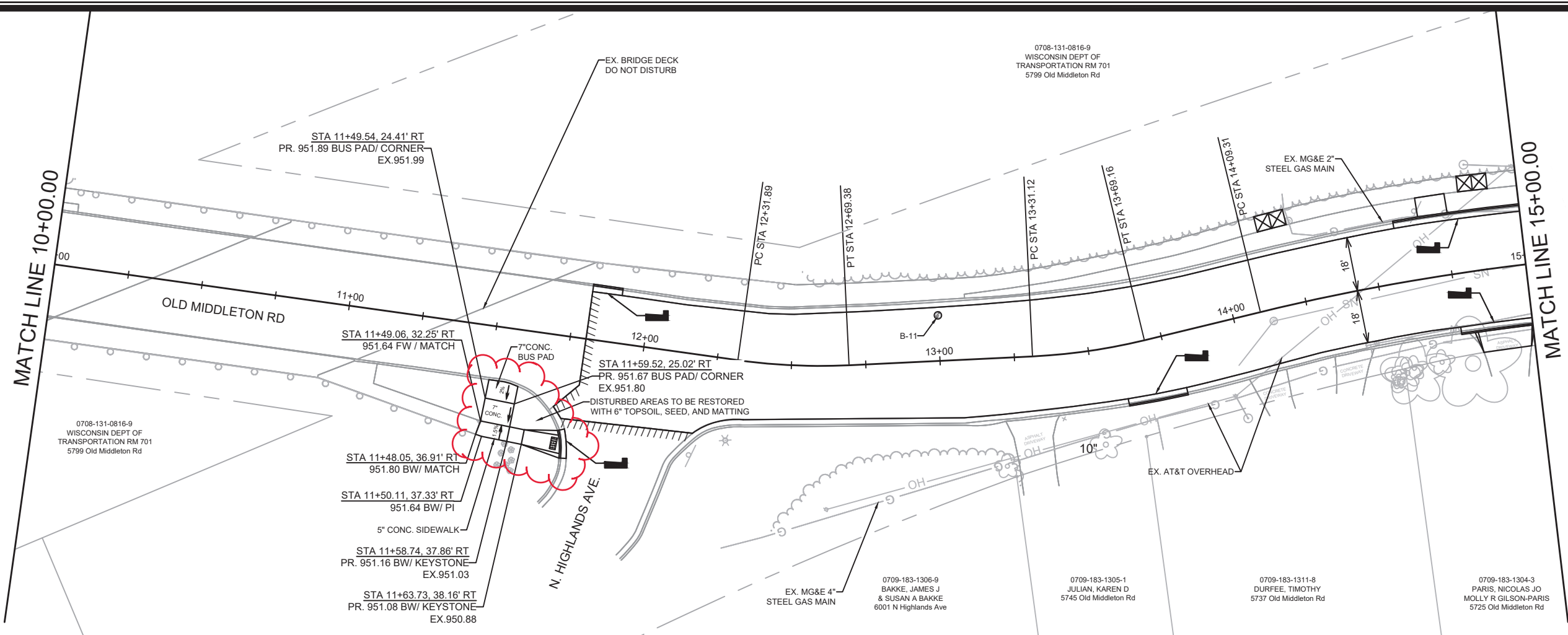
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MADISON, WI  
CONTRACT NO: 8568

PLAN & PROFILE- OLD MIDDLETON ROAD  
OLD MIDDLETON RD & CRAIG AVE RESURFACING  
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13175  
P-2



LEGEND

	REMOVE AND REPLACE CONCRETE SIDEWALK (CONDITION)
	SAWCUT ASPHALT PAVEMENT
	SIDEWALK DRAINAGE PATH
	DETECTABLE WARNING FIELD
	CLEAR AND GRUB
	5\"/>
	SPOT REPAIR CURB & GUTTER (TYPE A)
	SOIL BORING LOCATION

13175	MADISON, WI	8650	CONTRACT NO:	P-3
<p>PLAN &amp; PROFILE- OLD MIDDLETON ROAD</p> <p>OLD MIDDLETON RD &amp; CRAIG AVE RESURFACING</p>				
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<p>13175</p> <p>P-3</p>				

0708-131-0816-9  
WISCONSIN DEPT OF  
TRANSPORTATION RM 701  
5799 Old Middleton Rd

0709-183-1101-3  
PAMJIAN LLC  
5746 Old Middleton Rd

0709-183-1102-1  
WENDT, JOHN R  
& KATHRYN M KLECKNER  
5740 Old Middleton Rd

0709-183-1103-9  
CRANLEY, PETER S  
5730 Old Middleton Rd

0709-183-1104-7  
WILLIAMS, ANDREA L  
5722 Old Middleton Rd

0709-183-1105-5  
JOSEFSSON, GUNNAR  
& PAMELA A MEUER  
5716 Old Middleton Rd

0709-183-1106-3  
JEWETT, ALAN GIL  
JODI ANN JEWETT  
5714 Old Middleton Rd

0709-183-1107-1  
CARLSON, SCOTT  
& CAROLYN  
5710 Old Middleton  
Rd

MATCH LINE 15+00.00

MATCH LINE 20+00.00

REVISED 8/9/2022 - F.B.E.G.

- EXTENDED DRIVEWAY APRON TO THE NORTH TO MATCH FUTURE DRIVEWAY WIDTH. FUTURE DRIVEWAY APPROVED BY ZONING ON 8/2/2022.

REVISED 9/21/2022 - F.B.E.G.

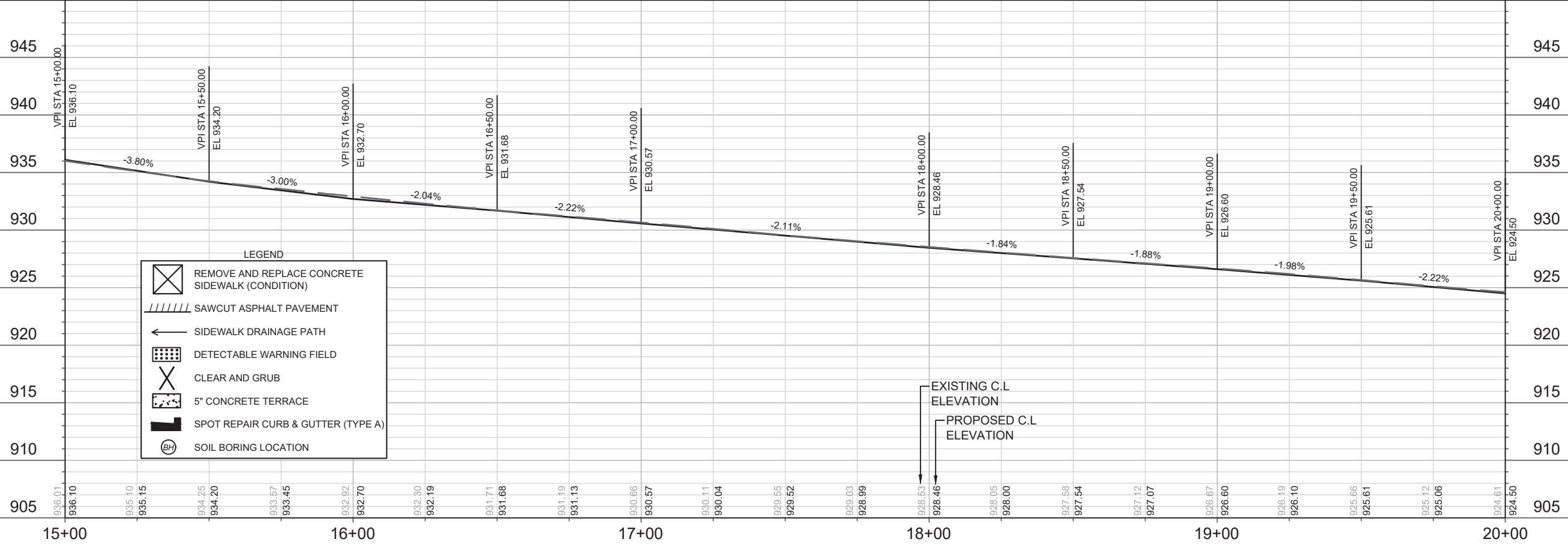
- EXTENDED DRIVEWAY APRON TO THE NORTH AT 5722 OLD MIDDLETON TO MATCH DRIVEWAY WIDTH APPROVED BY ZONING ON 9/20/2022.

0709-183-1304-3  
PARIS, NICOLAS JO  
MOLLY R GILSON-PARIS  
5725 Old Middleton Rd

0709-183-1303-5  
JOHNSON, DOUGLAS S  
JEAN DEMOPOULOS  
5701 Old Middleton Rd

LEGEND

	REMOVE AND REPLACE CONCRETE SIDEWALK (CONDITION)
	SAWCUT ASPHALT PAVEMENT
	SIDEWALK DRAINAGE PATH
	DETECTABLE WARNING FIELD
	CLEAR AND GRUB
	5" CONCRETE TERRACE
	SPOT REPAIR CURB & GUTTER (TYPE A)
	SOIL BORING LOCATION



DATE	BY
REVISION	
MARK	
Designed By: ###	13175
Date: 9/21/2022 7:30 AM	
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P-4	

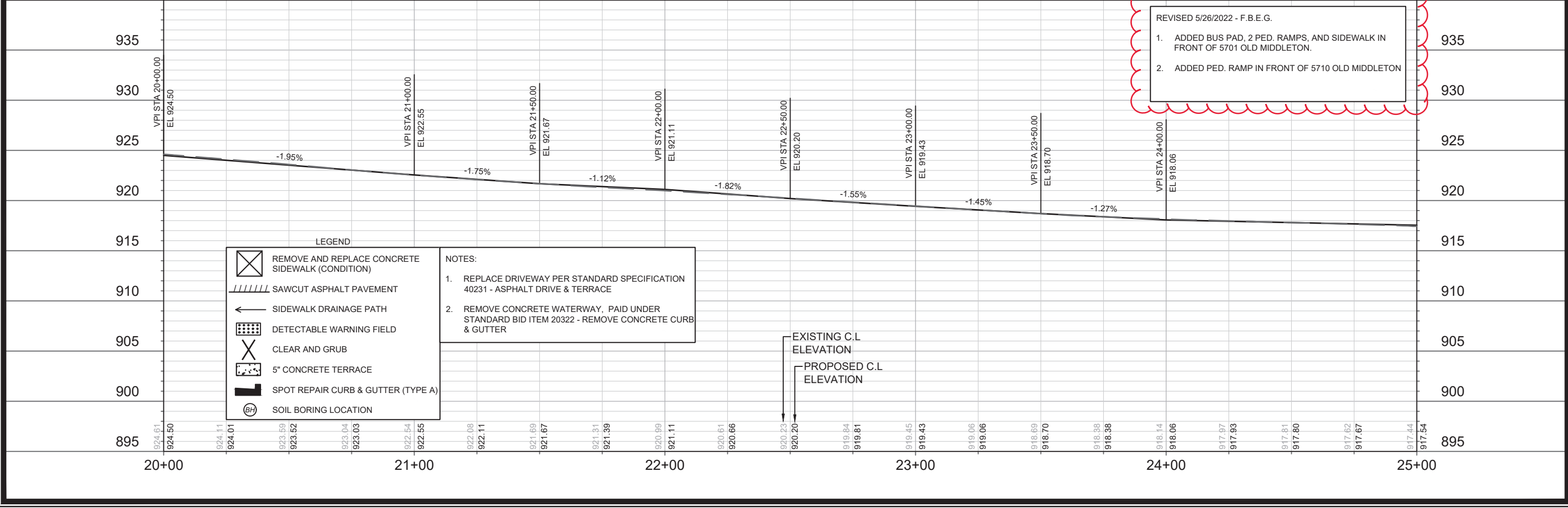
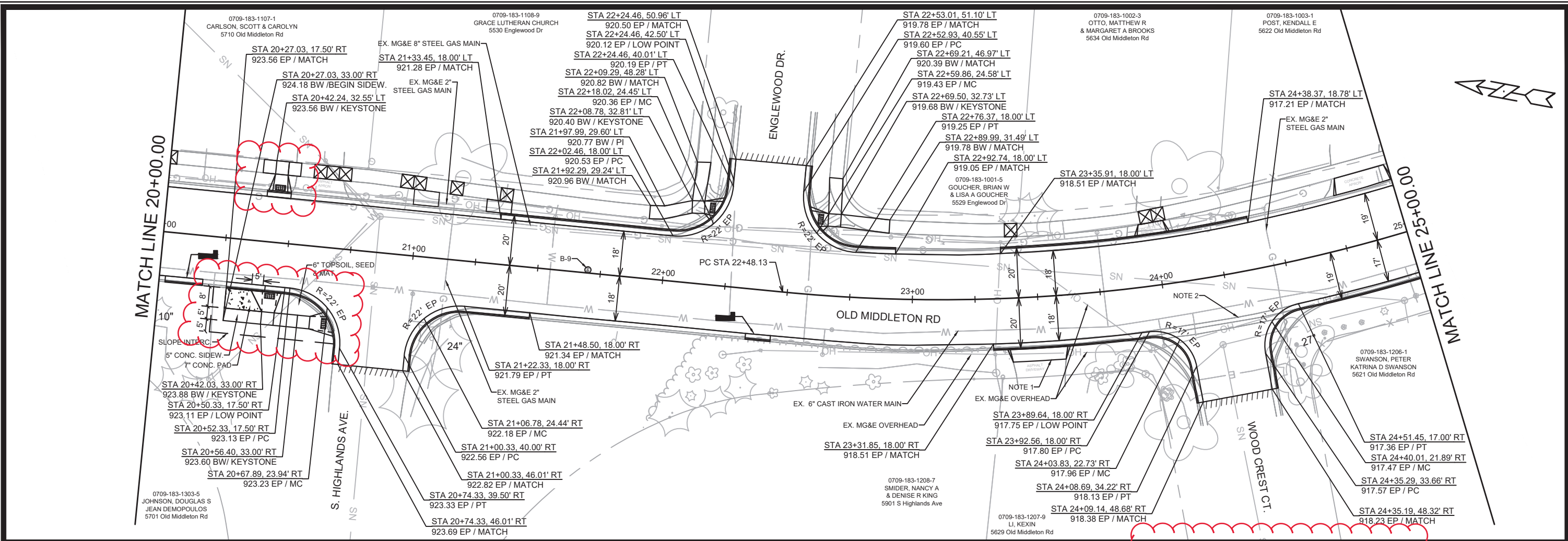
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MADISON, WI  
CONTRACT NO: 8650

PLAN & PROFILE- OLD MIDDLETON ROAD  
OLD MIDDLETON RD & CRAIG AVE RESURFACING  
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13175  
P-4





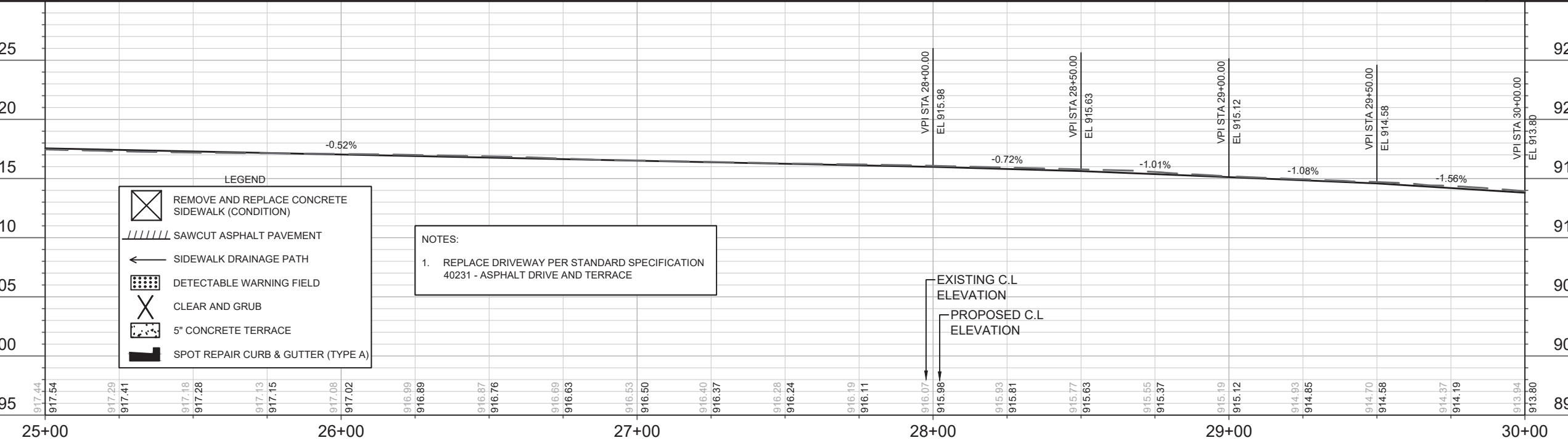
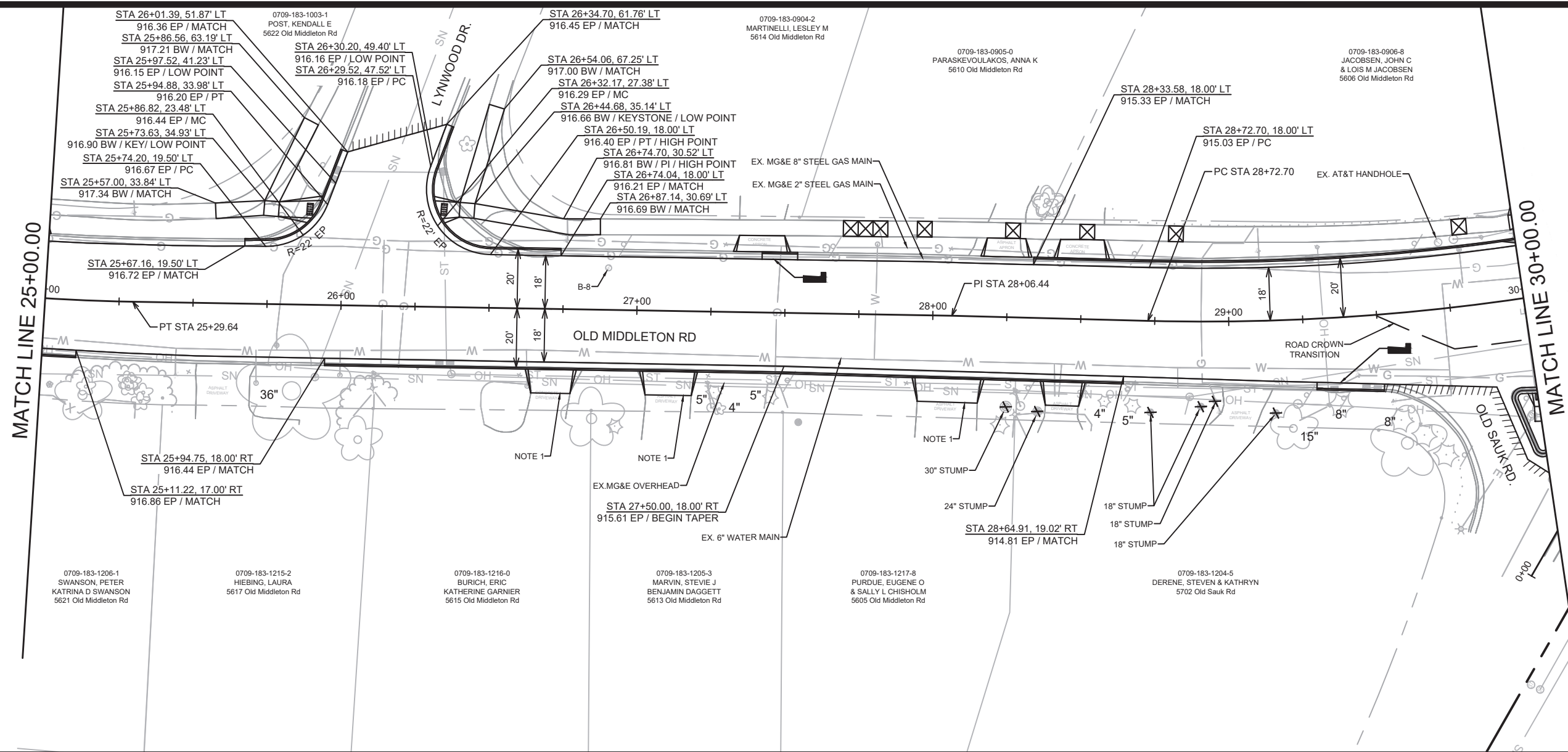
**LEGEND**

	REMOVE AND REPLACE CONCRETE SIDEWALK (CONDITION)
	SAWCUT ASPHALT PAVEMENT
	SIDEWALK DRAINAGE PATH
	DETECTABLE WARNING FIELD
	CLEAR AND GRUB
	5" CONCRETE TERRACE
	SPOT REPAIR CURB & GUTTER (TYPE A)
	SOIL BORING LOCATION

- NOTES:**
- REPLACE DRIVEWAY PER STANDARD SPECIFICATION 40231 - ASPHALT DRIVE & TERRACE
  - REMOVE CONCRETE WATERWAY, PAID UNDER STANDARD BID ITEM 20322 - REMOVE CONCRETE CURB & GUTTER

13175	MADISON, WI	8650	CONTRACT NO:
<b>PLAN &amp; PROFILE- OLD MIDDLETON ROAD</b> <b>OLD MIDDLETON RD &amp; CRAIG AVE RESURFACING</b>			
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		<b>13175</b> <b>P-5</b>	





DATE	BY
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13175  
MADISON, WI  
8568  
CONTRACT NO:

PLAN & PROFILE- OLD MIDDLETON ROAD  
OLD MIDDLETON RD & CRAIG AVE RESURFACING  
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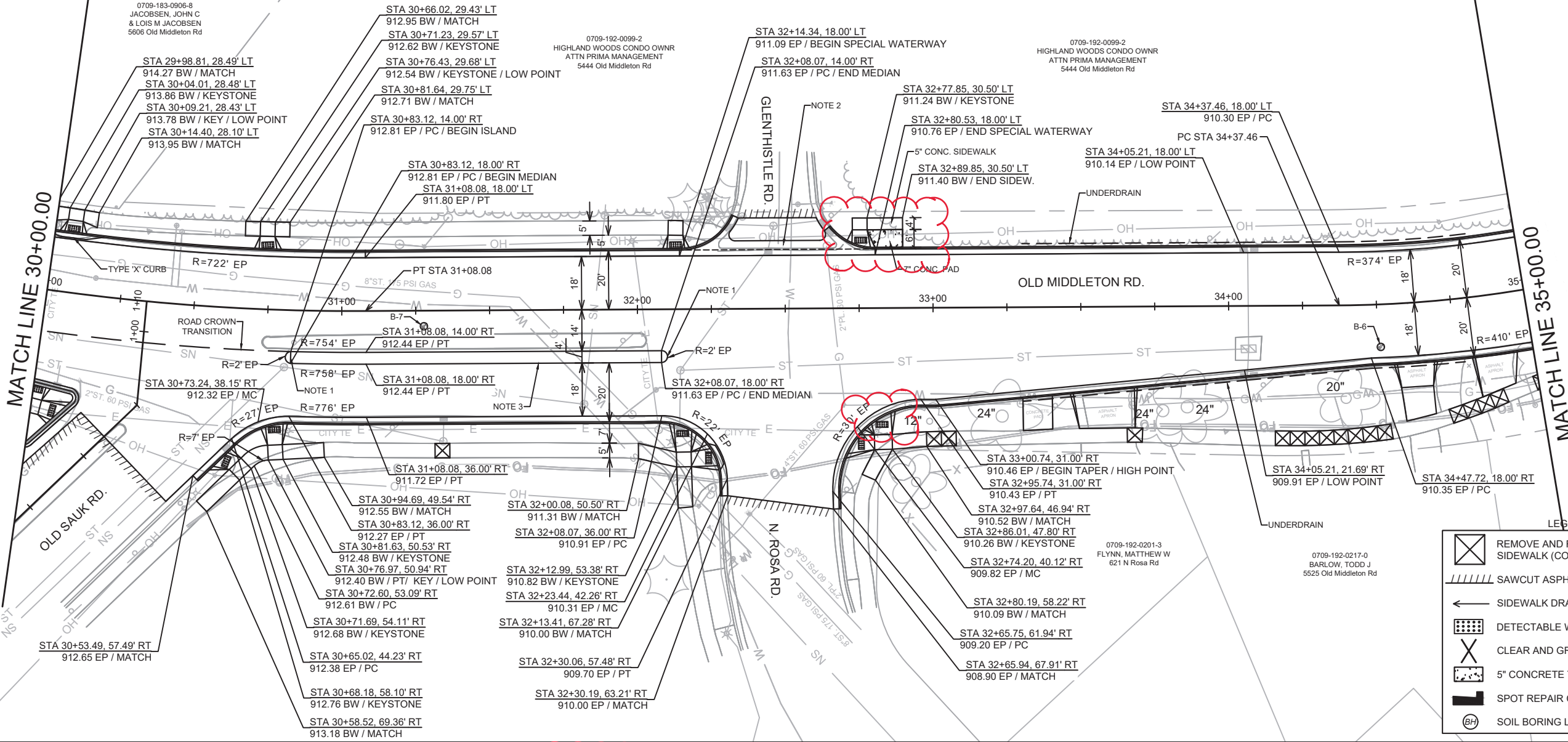
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JACOBSEN, JOHN C  
& LOIS M JACOBSEN  
5606 Old Middleton Rd

0709-192-0099-2  
HIGHLAND WOODS CONDO OWNR  
ATTN PRIMA MANAGEMENT  
5444 Old Middleton Rd

0709-192-0099-2  
HIGHLAND WOODS CONDO OWNR  
ATTN PRIMA MANAGEMENT  
5444 Old Middleton Rd

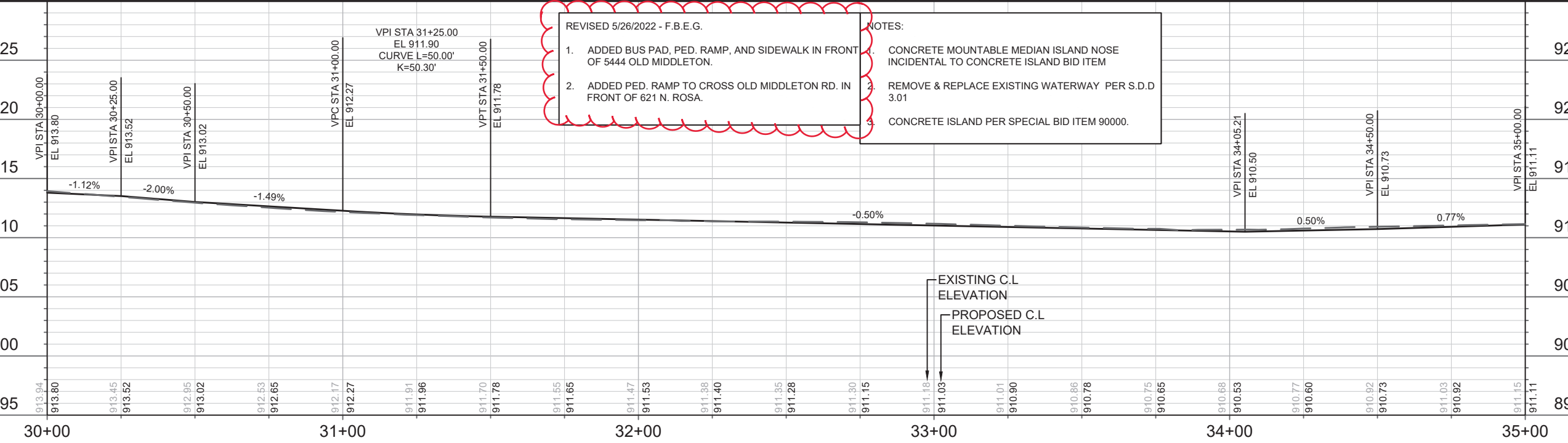
0709-192-0201-3  
FLYNN, MATTHEW W  
621 N ROSA Rd

0709-192-0217-0  
BARLOW, TODD J  
5525 Old Middleton Rd



LEGEND

	REMOVE AND REPLACE CONCRETE SIDEWALK (CONDITION)
	SAWCUT ASPHALT PAVEMENT
	SIDEWALK DRAINAGE PATH
	DETECTABLE WARNING FIELD
	CLEAR AND GRUB
	5' CONCRETE TERRACE
	SPOT REPAIR CURB & GUTTER (TYPE A)
	SOIL BORING LOCATION



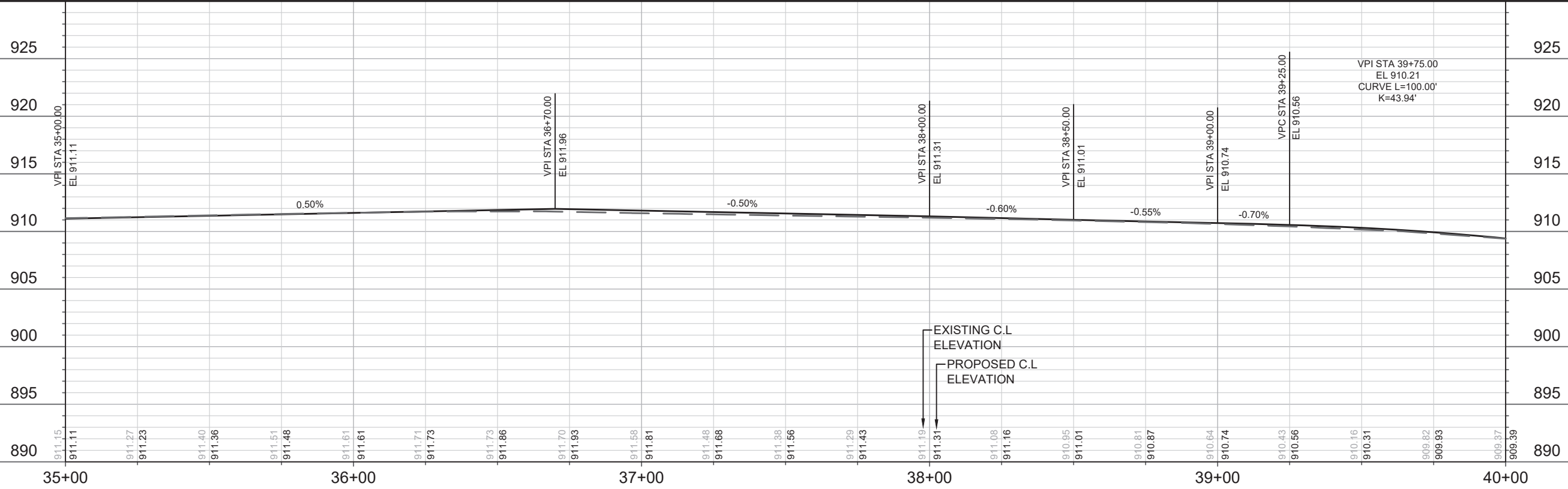
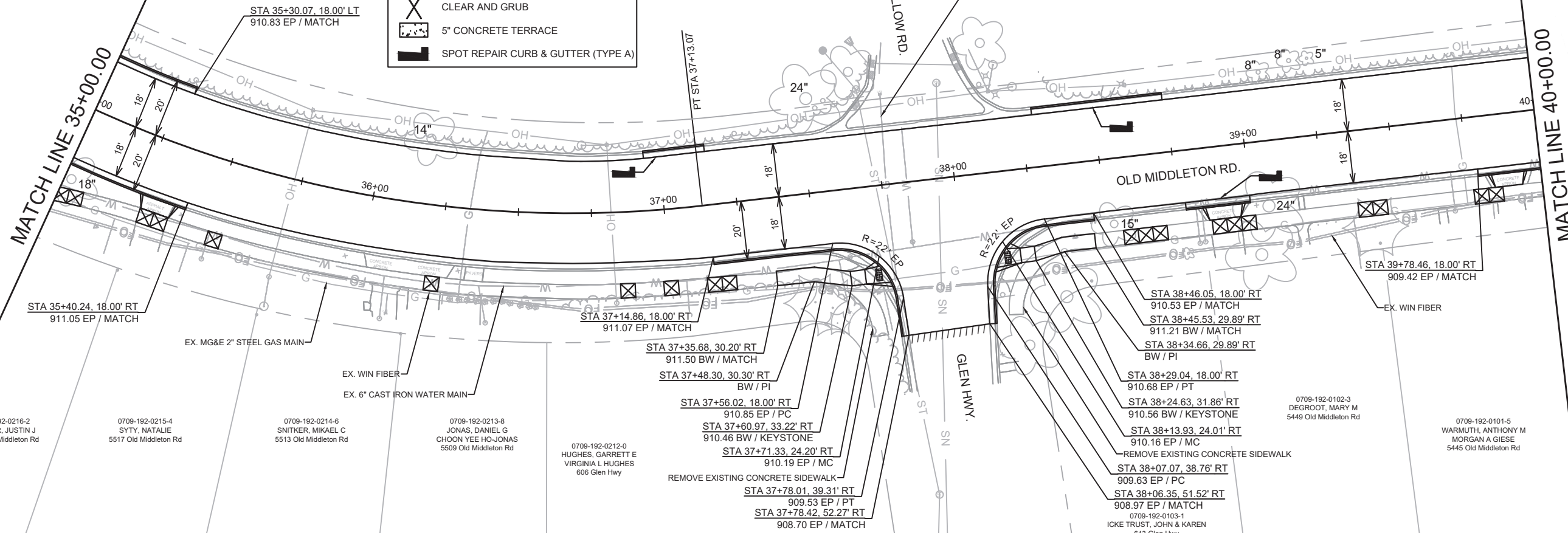
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PROJECT NO.	13175
SHEET NO.	P-7

13175  
MADISON, WI  
CONTRACT NO.: 8650  
PLAN & PROFILE- OLD MIDDLETON ROAD  
OLD MIDDLETON RD & CRAIG AVE RESURFACING  
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**LEGEND**

	REMOVE AND REPLACE CONCRETE SIDEWALK (CONDITION)
	SAWCUT ASPHALT PAVEMENT
	SIDEWALK DRAINAGE PATH
	DETECTABLE WARNING FIELD
	CLEAR AND GRUB
	5" CONCRETE TERRACE
	SPOT REPAIR CURB & GUTTER (TYPE A)

0709-192-0099-2  
HIGHLAND WOODS CONDO OWNR  
ATTN PRIMA MANAGEMENT  
5444 Old Middleton Rd



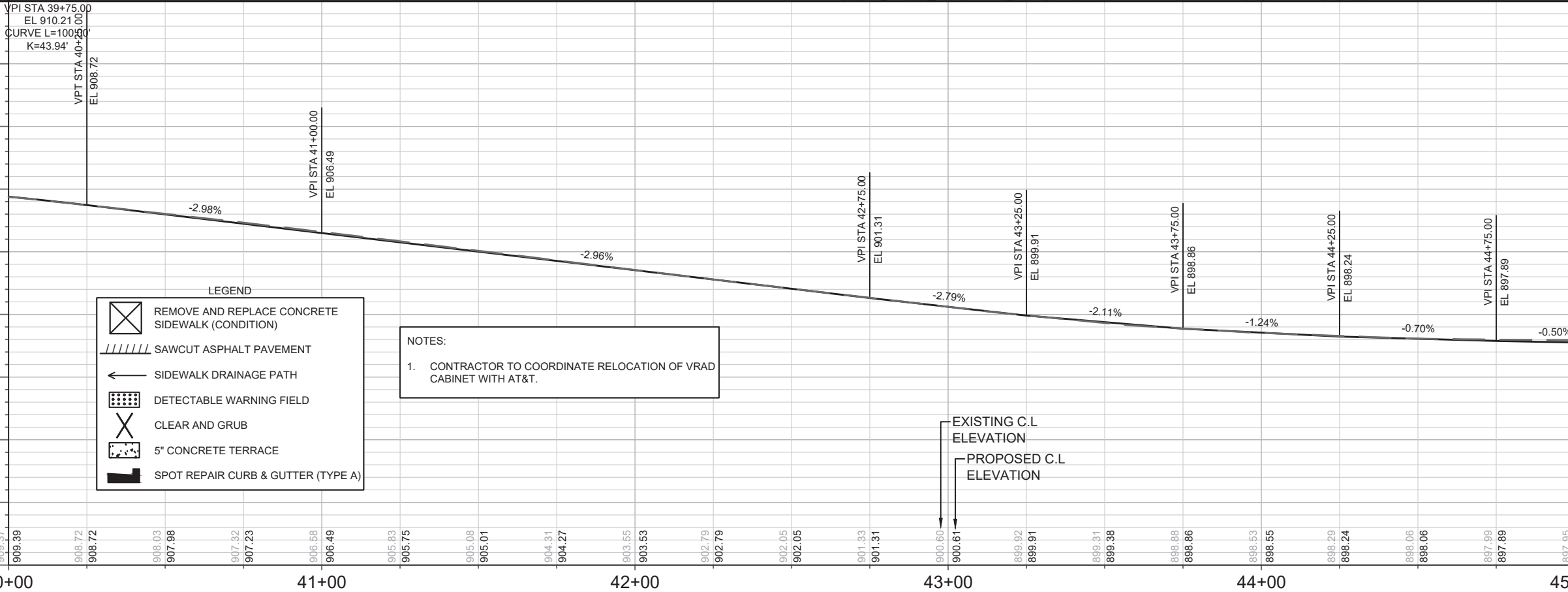
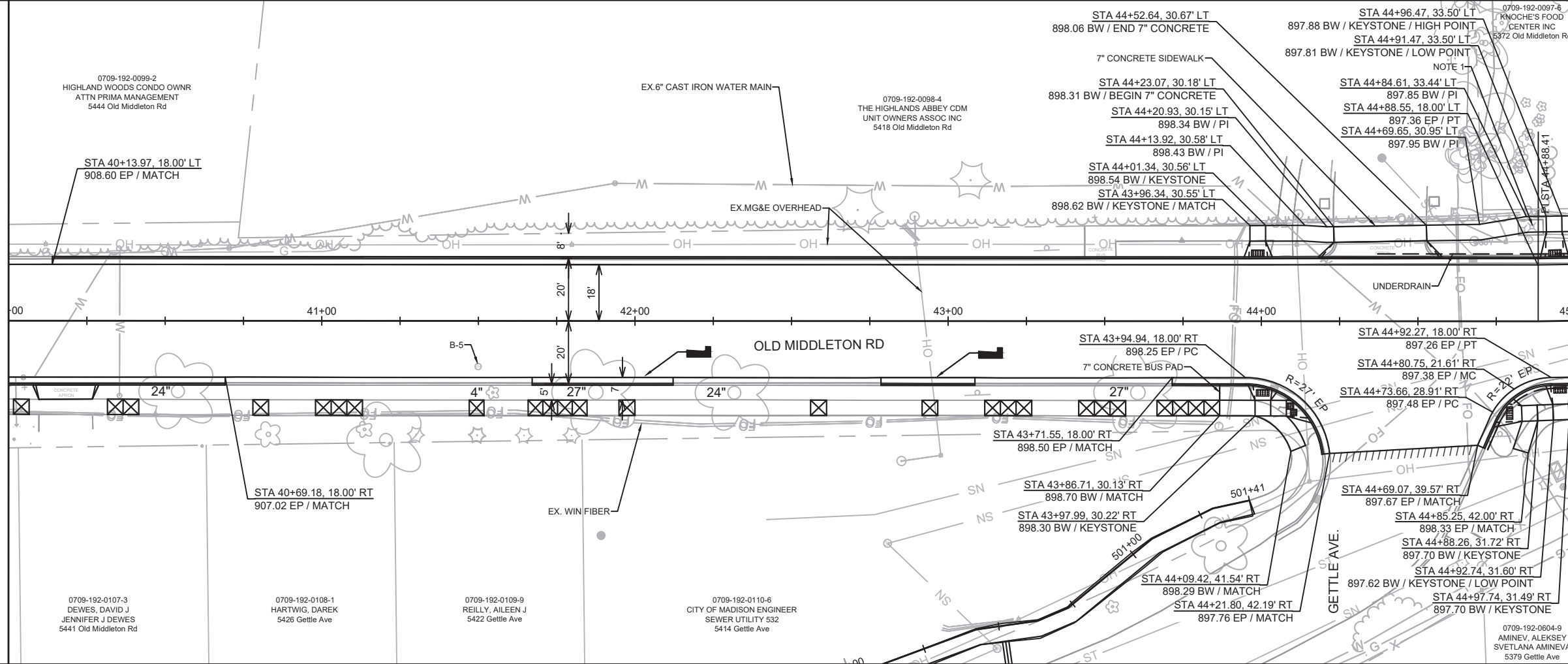
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MADISON, WI  
CONTRACT NO.: 8568  
PLAN & PROFILE- OLD MIDDLETON ROAD  
OLD MIDDLETON RD & CRAIG AVE RESURFACING  
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CITY OF MADISON WISCONSIN  
13175  
P-8



MATCH LINE 40+00.00

MATCH LINE 45+00.00



- LEGEND**
- REMOVE AND REPLACE CONCRETE SIDEWALK (CONDITION)
  - SAWCUT ASPHALT PAVEMENT
  - SIDEWALK DRAINAGE PATH
  - DETECTABLE WARNING FIELD
  - CLEAR AND GRUB
  - 5" CONCRETE TERRACE
  - SPOT REPAIR CURB & GUTTER (TYPE A)

**NOTES:**

- CONTRACTOR TO COORDINATE RELOCATION OF VRAD CABINET WITH AT&T.



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13175		2/18/2022	AM

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MADISON, WI  
8568  
CONTRACT NO:

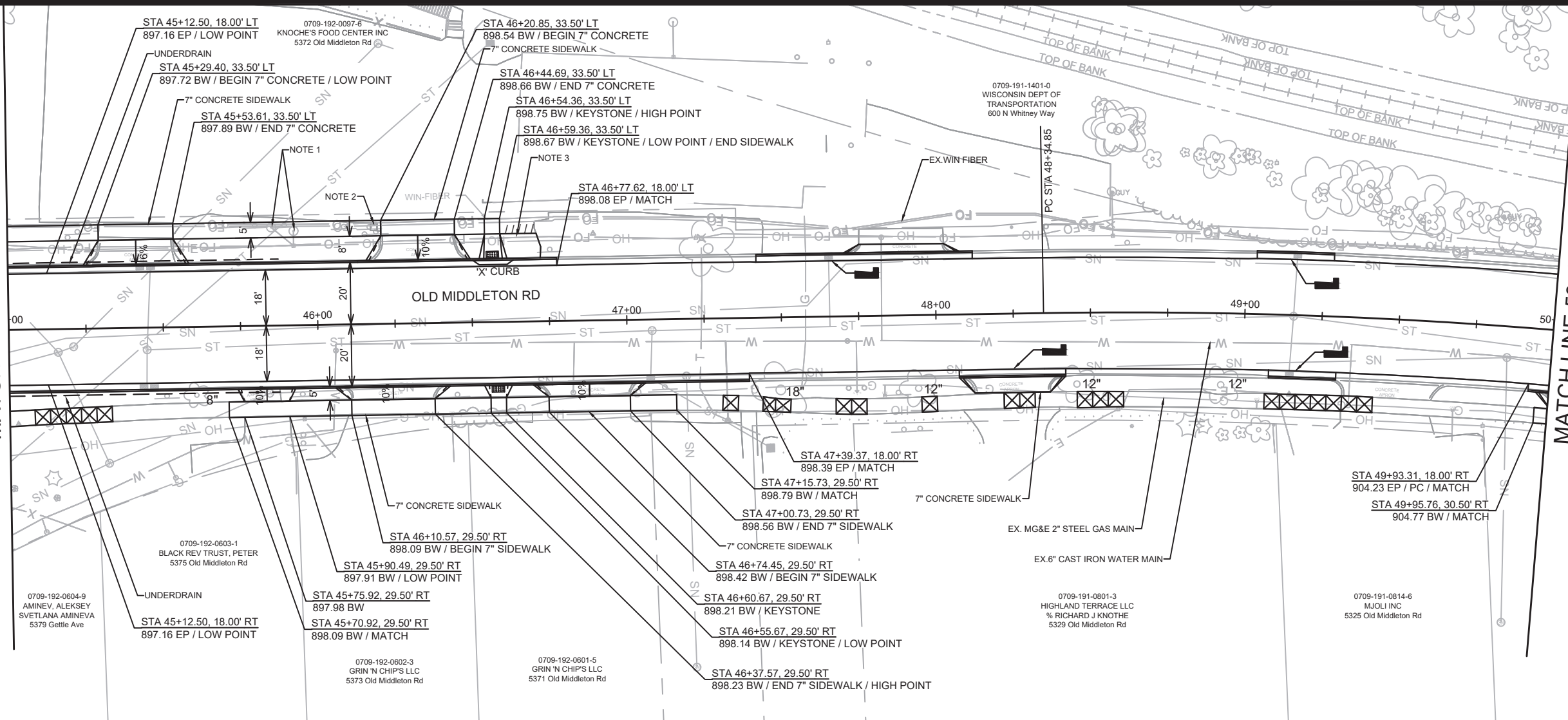
PLAN & PROFILE- OLD MIDDLETON ROAD  
OLD MIDDLETON RD & CRAIG AVE RESURFACING  
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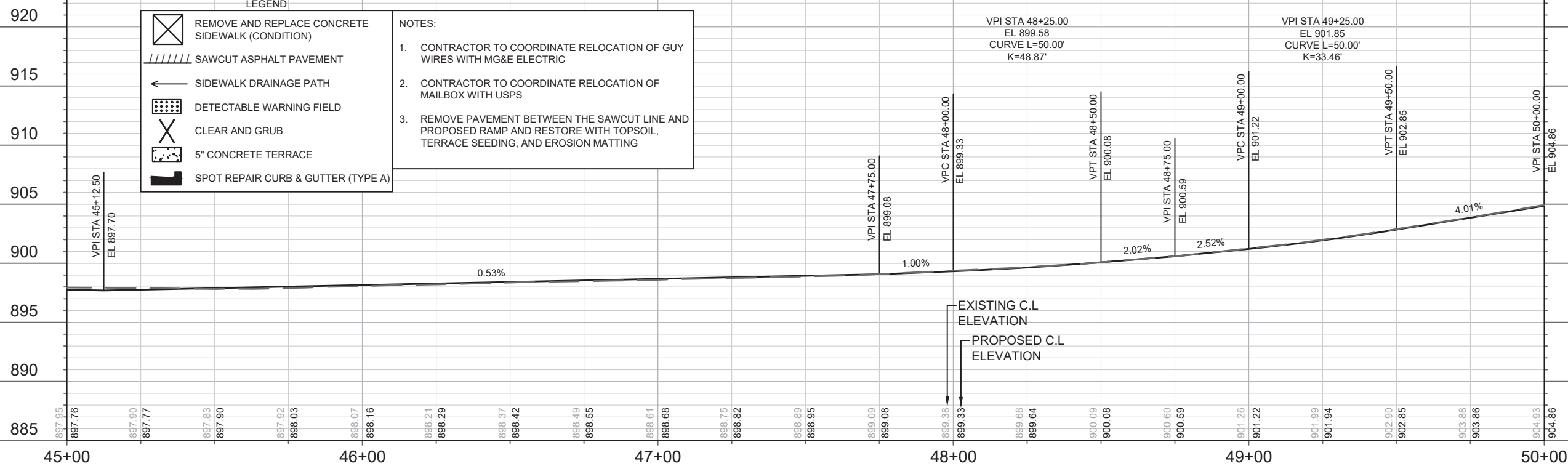
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LEGEND

	REMOVE AND REPLACE CONCRETE SIDEWALK (CONDITION)
	SAWCUT ASPHALT PAVEMENT
	SIDEWALK DRAINAGE PATH
	DETECTABLE WARNING FIELD
	CLEAR AND GRUB
	5" CONCRETE TERRACE
	SPOT REPAIR CURB & GUTTER (TYPE A)

- NOTES:
- CONTRACTOR TO COORDINATE RELOCATION OF GUY WIRES WITH MG&E ELECTRIC
  - CONTRACTOR TO COORDINATE RELOCATION OF MAILBOX WITH USPS
  - REMOVE PAVEMENT BETWEEN THE SAWCUT LINE AND PROPOSED RAMP AND RESTORE WITH TOPSOIL, TERRACE SEEDING, AND EROSION MATTING



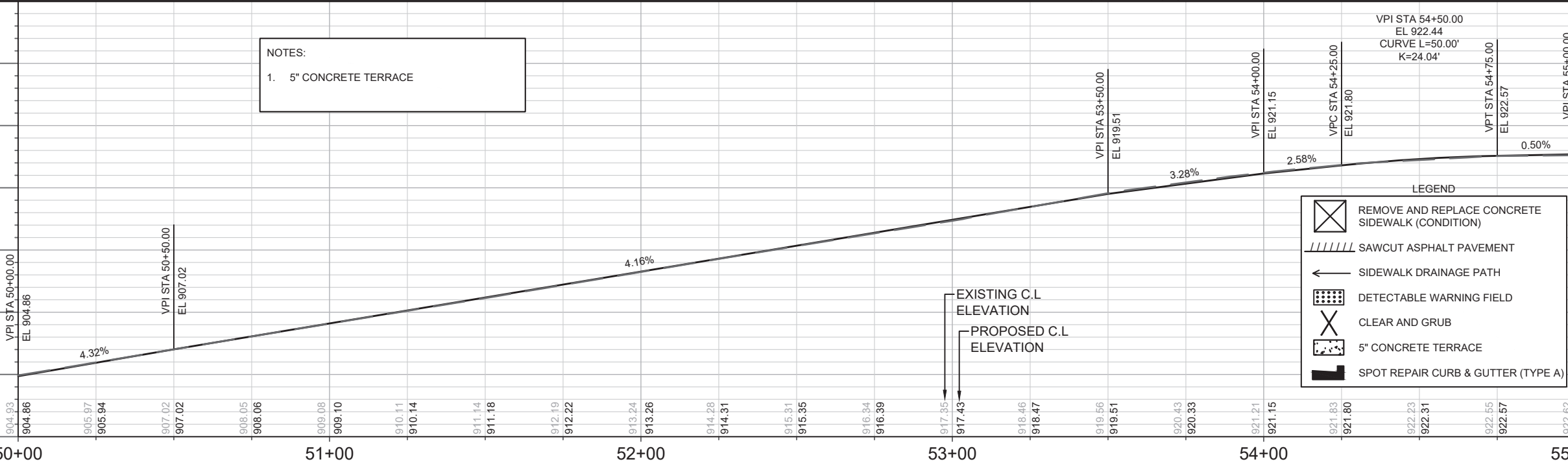
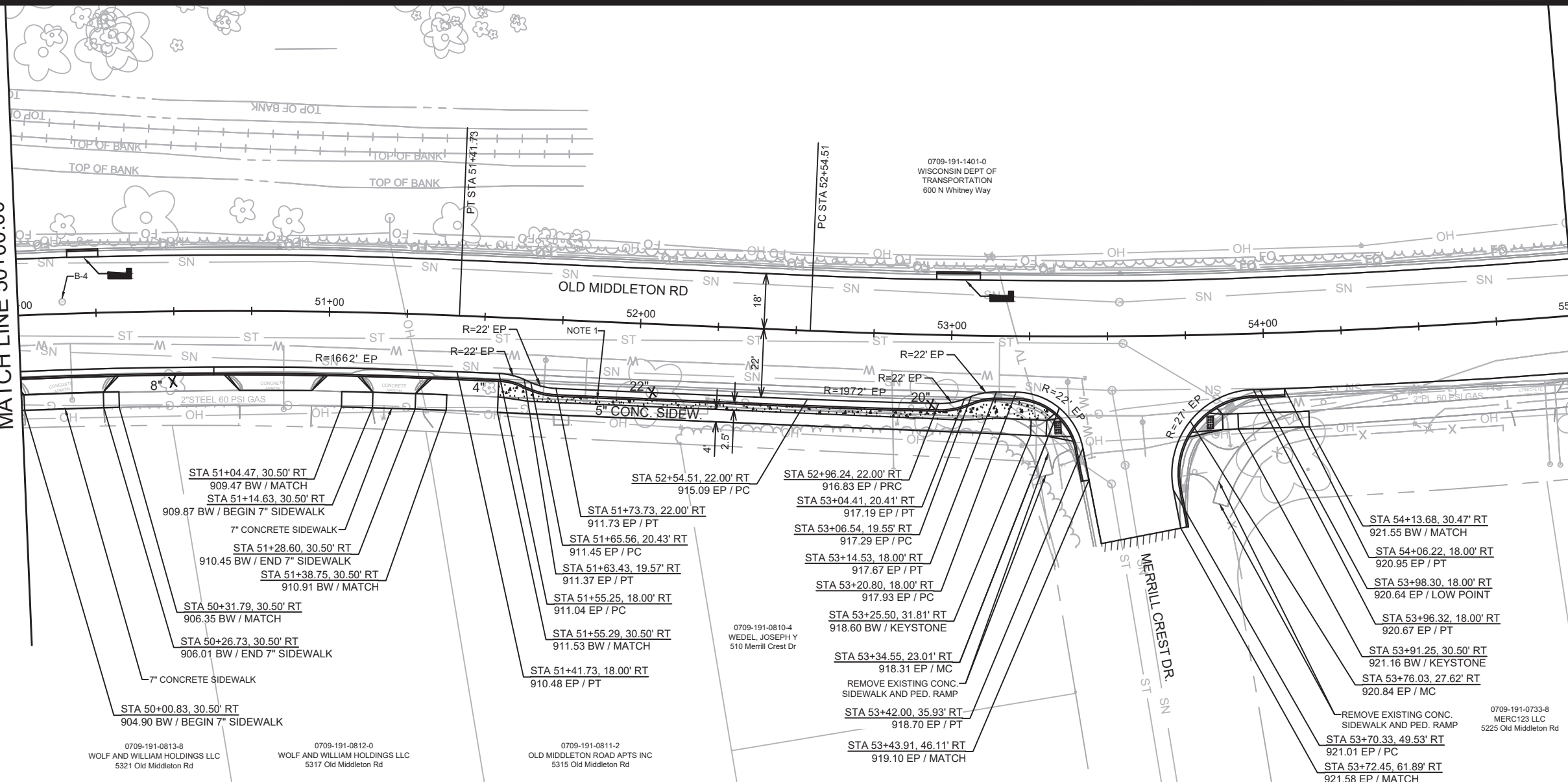
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MADISON, WI  
CONTRACT NO: 8568  
PLAN & PROFILE- OLD MIDDLETON ROAD  
OLD MIDDLETON RD & CRAIG AVE RESURFACING  
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P-10

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MATCH LINE 55+00.00



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REVISION	
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MADISON, WI  
8568  
CONTRACT NO:

PLAN & PROFILE- OLD MIDDLETON ROAD  
 OLD MIDDLETON RD & CRAIG AVE RESURFACING  
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P-11

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MATCH LINE 60+00.00

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TRANSPORTATION  
600 N Whitney Way

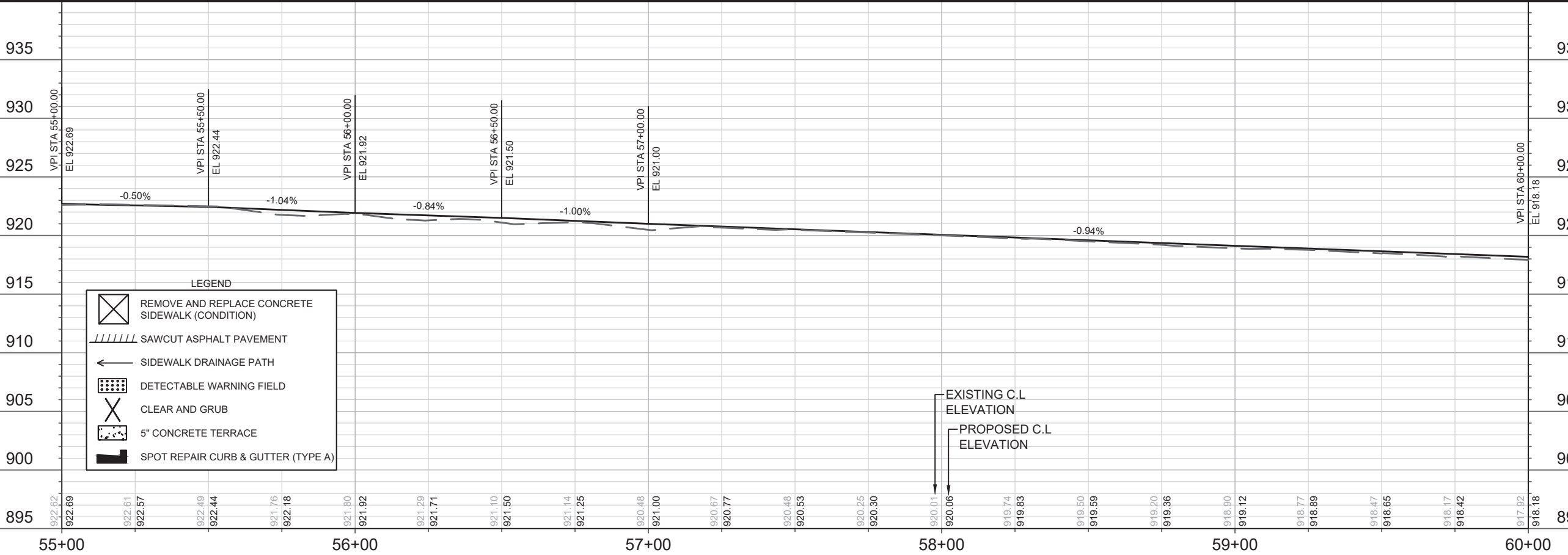
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KNUPP PROPERTIES LLC  
ATTN CHAMBERS CPA LLC  
5219 Old Middleton Rd

0709-191-0732-0  
JOROFF, STEVE  
5215 Old Middleton Rd

0709-191-0731-2  
5211 OLD MIDDLETON DR LLC  
5211 Old Middleton Rd

0709-191-0730-4  
K & W PARTNERSHIP II LLP  
ATTN THEODORE H KNUPP  
5203 Old Middleton Rd

0709-191-0201-5  
WHITNEY-OLD MIDDLETON LLC  
5201 Old Middleton Rd



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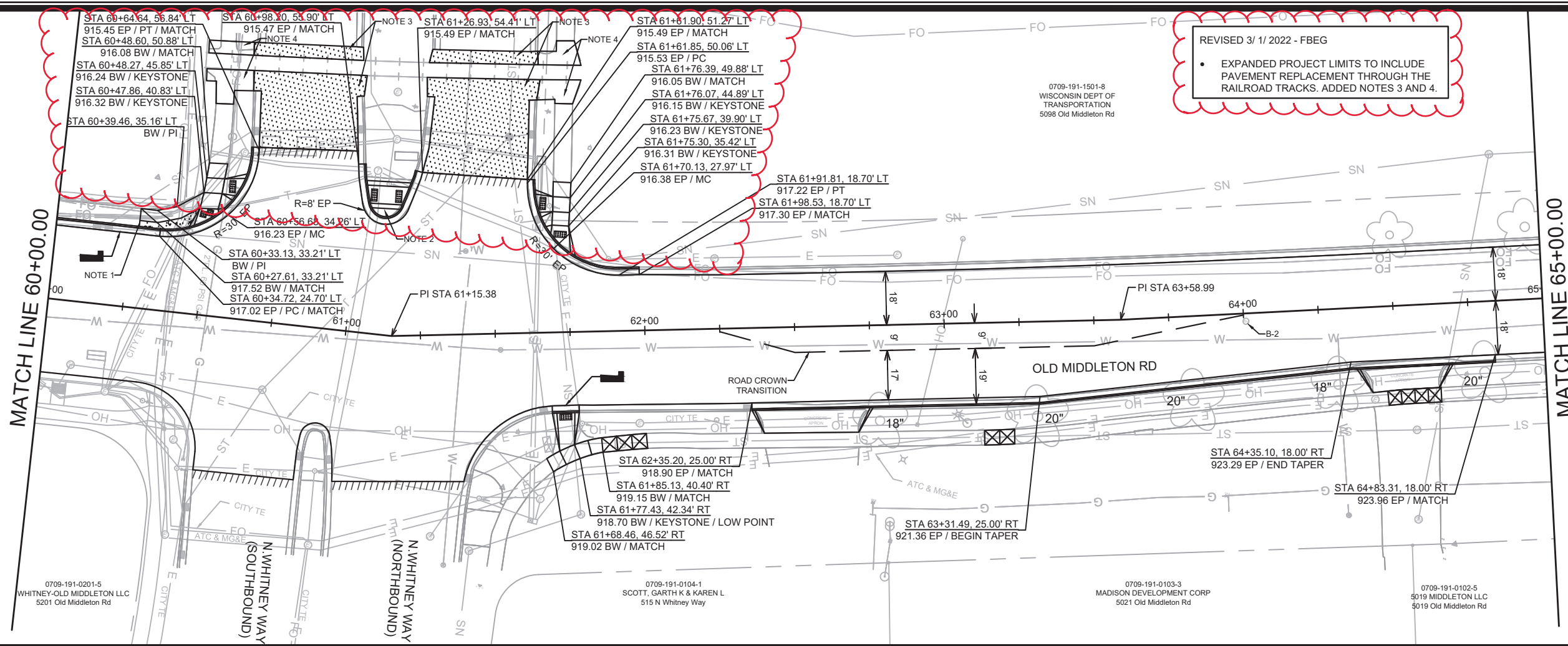
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CONTRACT NO: 8568

PLAN & PROFILE- OLD MIDDLETON ROAD  
OLD MIDDLETON RD & CRAIG AVE RESURFACING  
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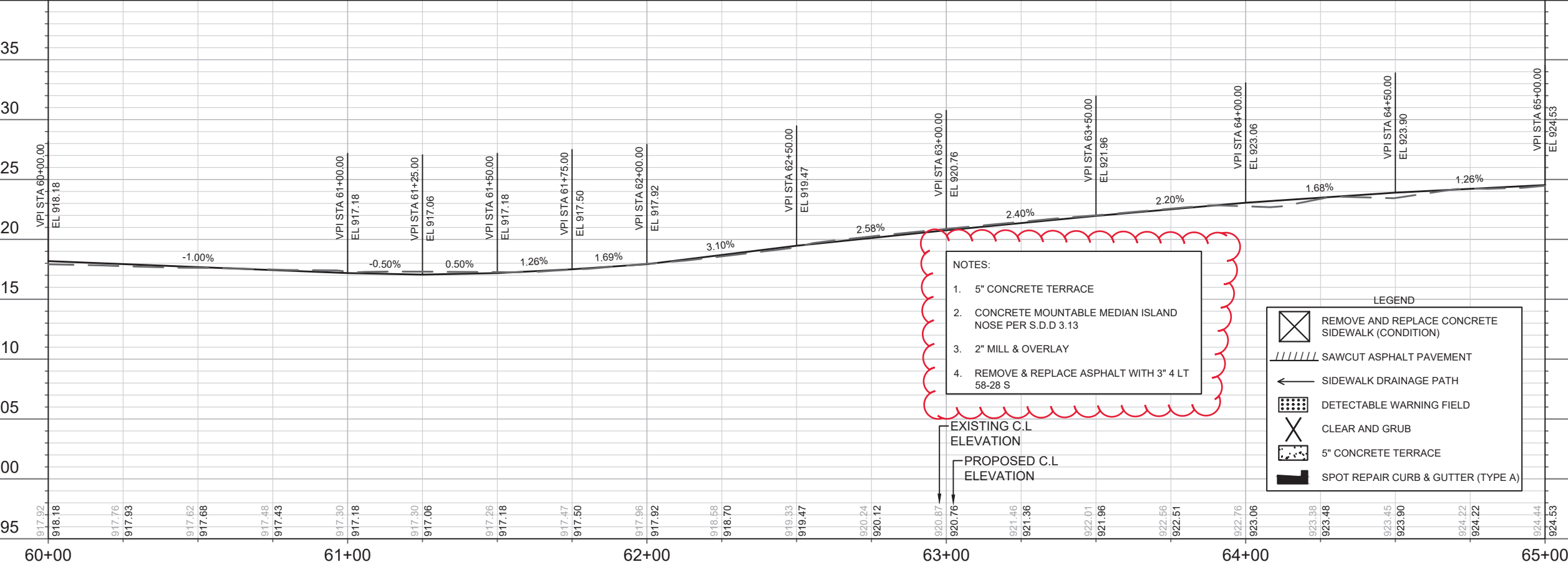
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P-12





REVISED 3/ 1/ 2022 - FBEG

- EXPANDED PROJECT LIMITS TO INCLUDE PAVEMENT REPLACEMENT THROUGH THE RAILROAD TRACKS. ADDED NOTES 3 AND 4.



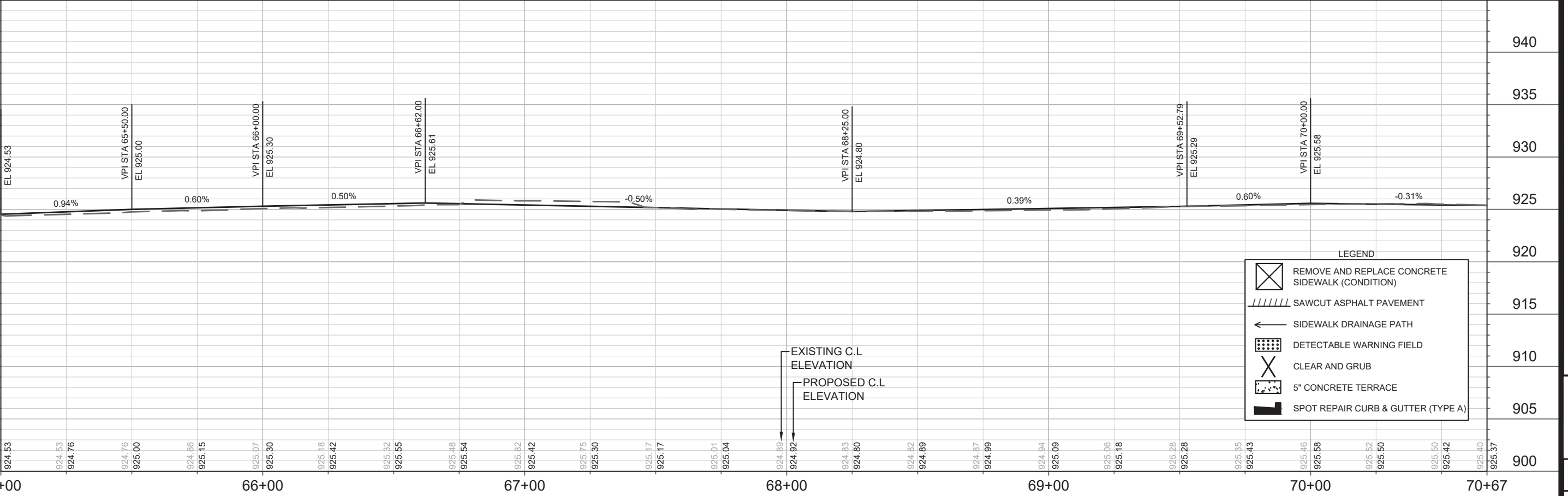
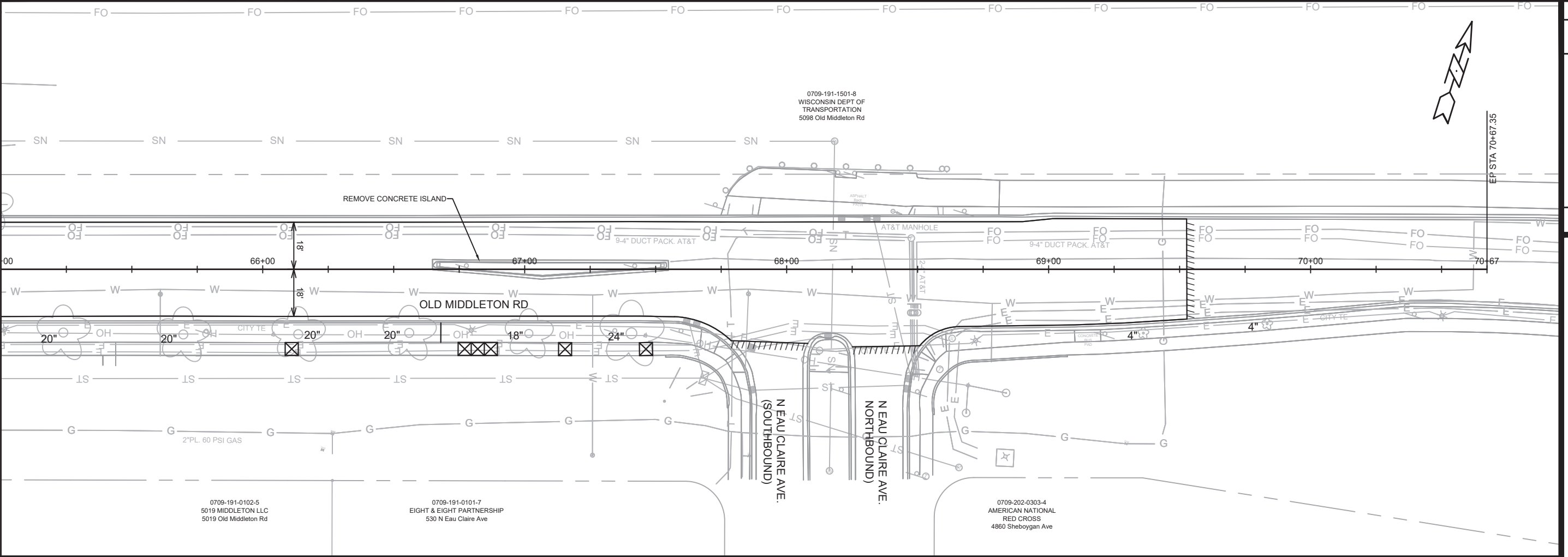
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MADISON, WI  
8568  
CONTRACT NO:

PLAN & PROFILE- OLD MIDDLETON ROAD  
OLD MIDDLETON RD & CRAIG AVE RESURFACING  
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**LEGEND**

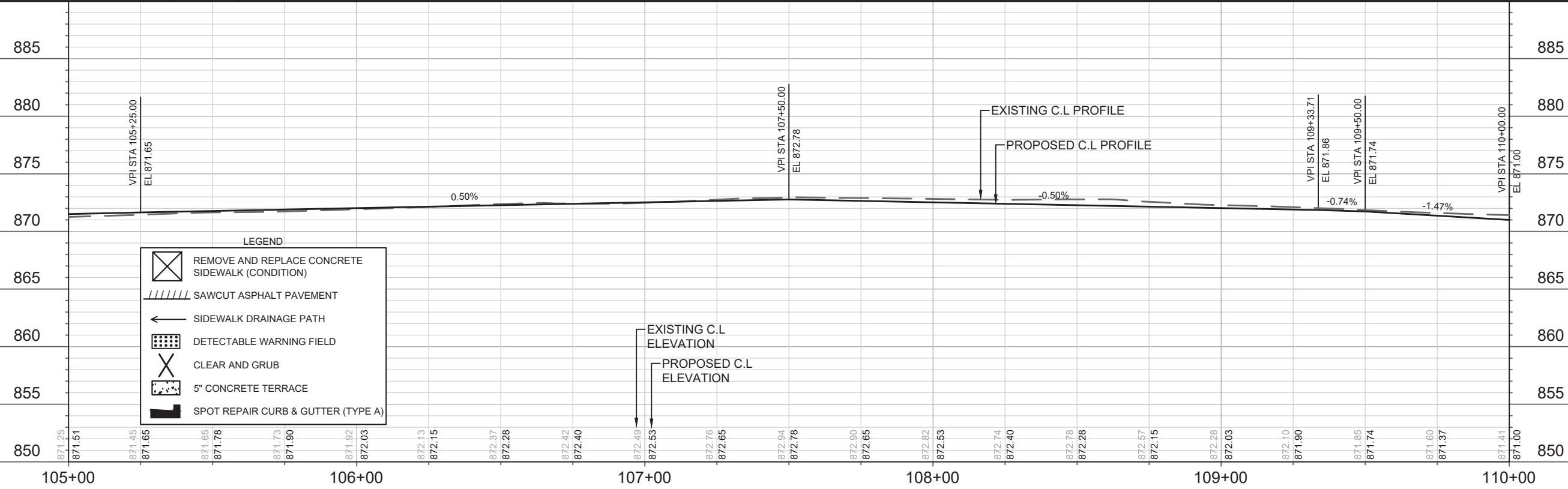
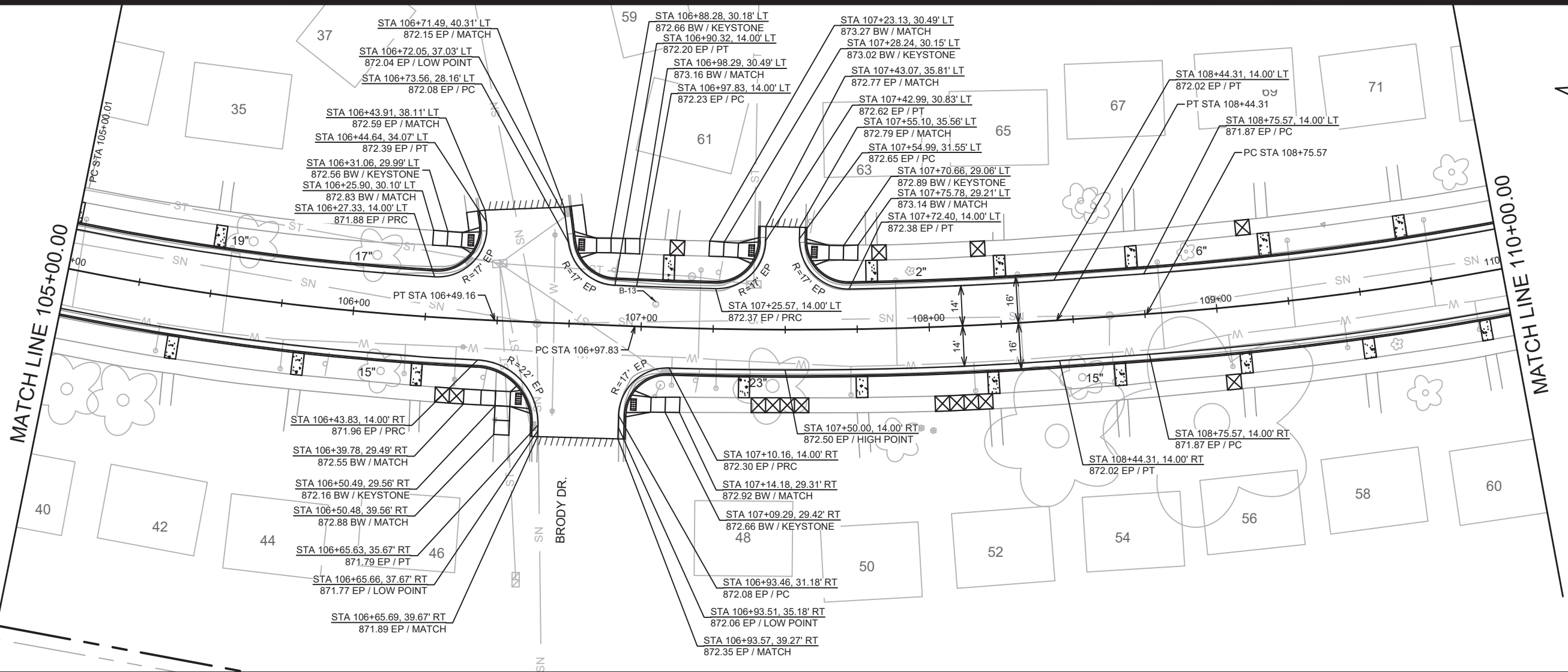
- REMOVE AND REPLACE CONCRETE SIDEWALK (CONDITION)
- SAWCUT ASPHALT PAVEMENT
- SIDEWALK DRAINAGE PATH
- DETECTABLE WARNING FIELD
- CLEAR AND GRUB
- 5" CONCRETE TERRACE
- SPOT REPAIR CURB & GUTTER (TYPE A)

EXISTING C.L ELEVATION  
 PROPOSED C.L ELEVATION

13175	MADISON, WI	8568	CONTRACT NO:
<b>PLAN &amp; PROFILE- OLD MIDDLETON ROAD</b> <b>OLD MIDDLETON RD &amp; CRAIG AVE RESURFACING</b>			
<b>13175</b> <b>P-14</b>			

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 P-14






**LEGEND**

	REMOVE AND REPLACE CONCRETE SIDEWALK (CONDITION)
	SAWCUT ASPHALT PAVEMENT
	SIDEWALK DRAINAGE PATH
	DETECTABLE WARNING FIELD
	CLEAR AND GRUB
	5" CONCRETE TERRACE
	SPOT REPAIR CURB & GUTTER (TYPE A)

DATE	BY
REVISION	DATE
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13175	P-16

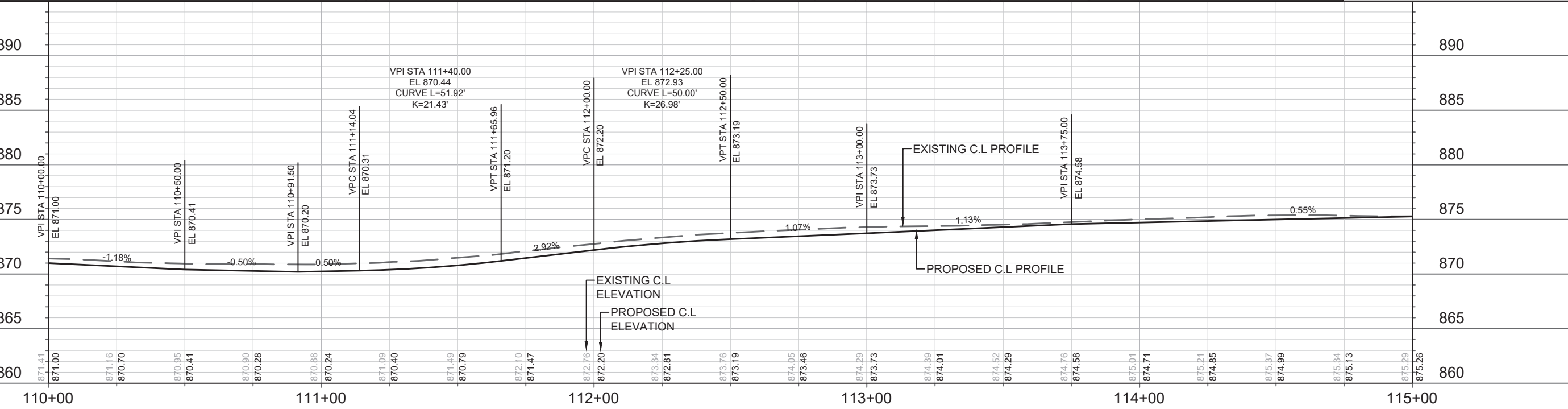
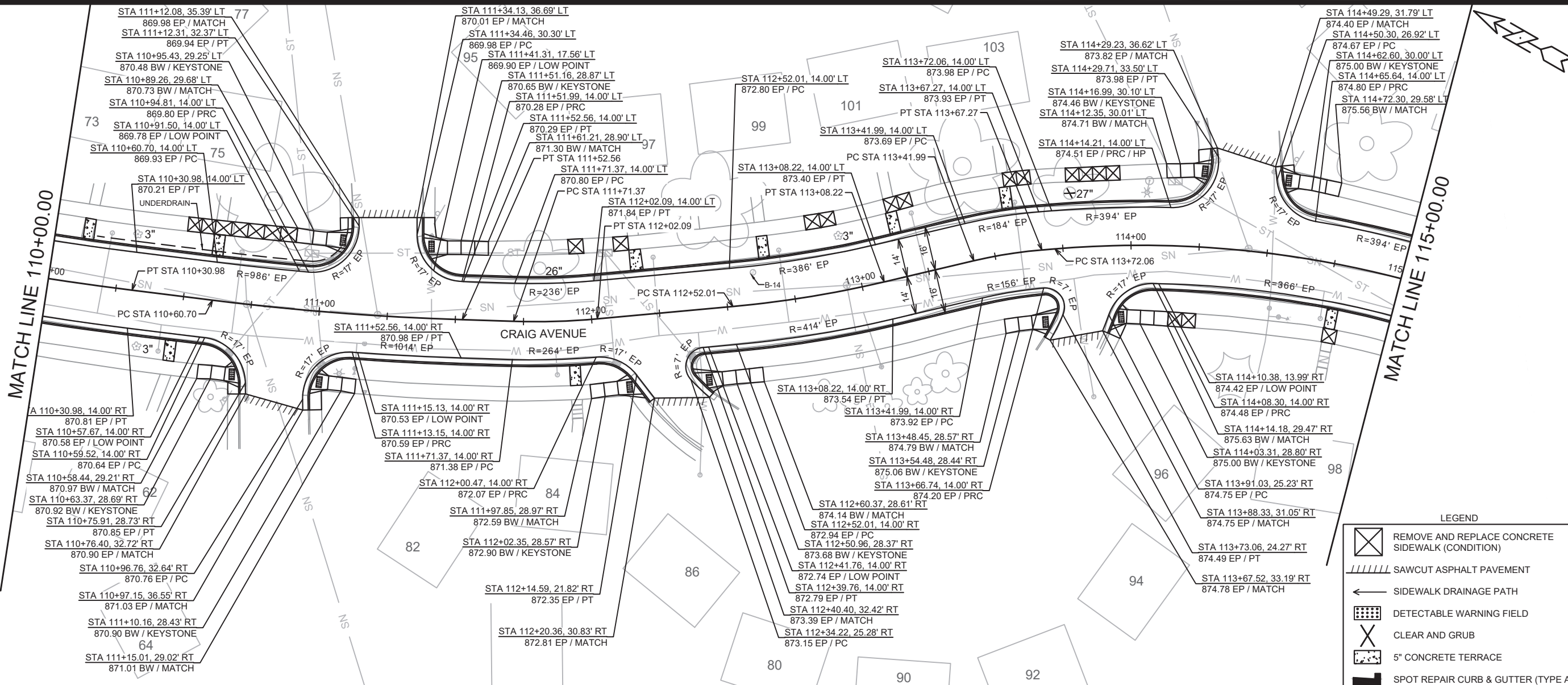
13175  
 MADISON, WI  
 CONTRACT NO: 8568

PLAN & PROFILE- CRAIG AVENUE  
 OLD MIDDLETON RD & CRAIG AVE RESURFACING  
 M:\DESIGN\Projects\13175\CAD\Plan Sheets\13175- P Sheets.dwg



13175  
 P-16



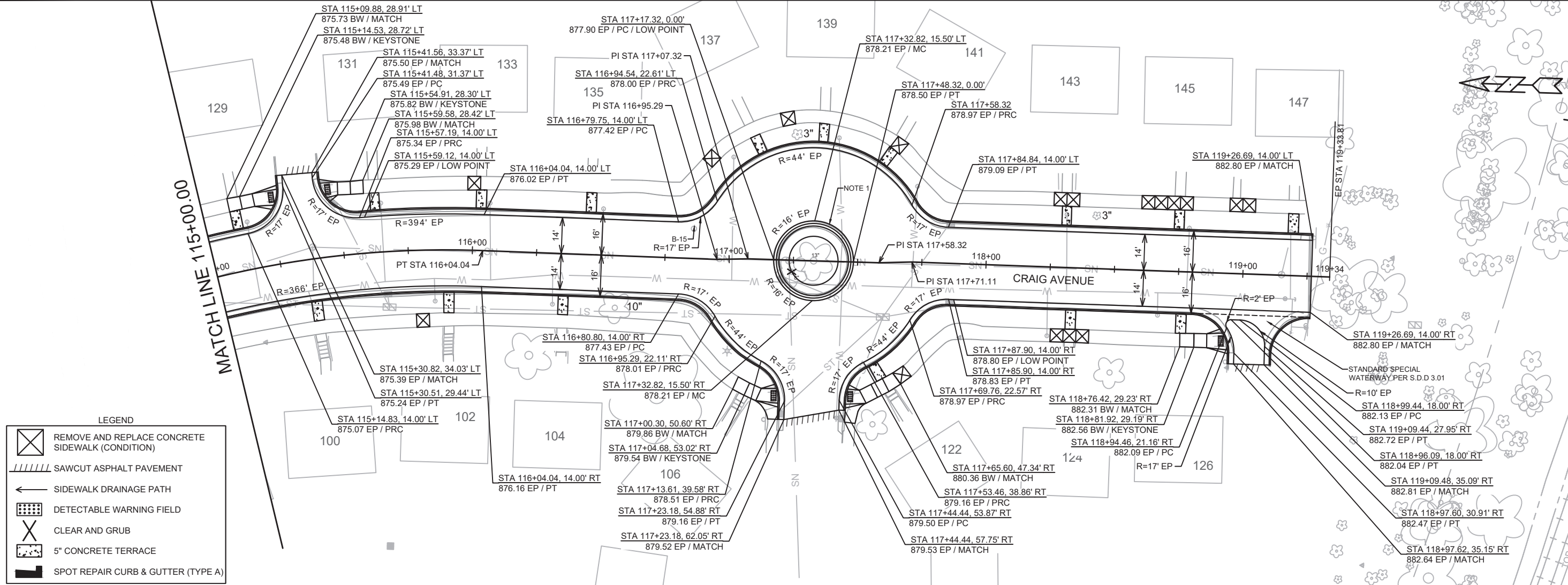


**LEGEND**

- REMOVE AND REPLACE CONCRETE SIDEWALK (CONDITION)
- SAWCUT ASPHALT PAVEMENT
- SIDEWALK DRAINAGE PATH
- DETECTABLE WARNING FIELD
- CLEAR AND GRUB
- 5' CONCRETE TERRACE
- SPOT REPAIR CURB & GUTTER (TYPE A)

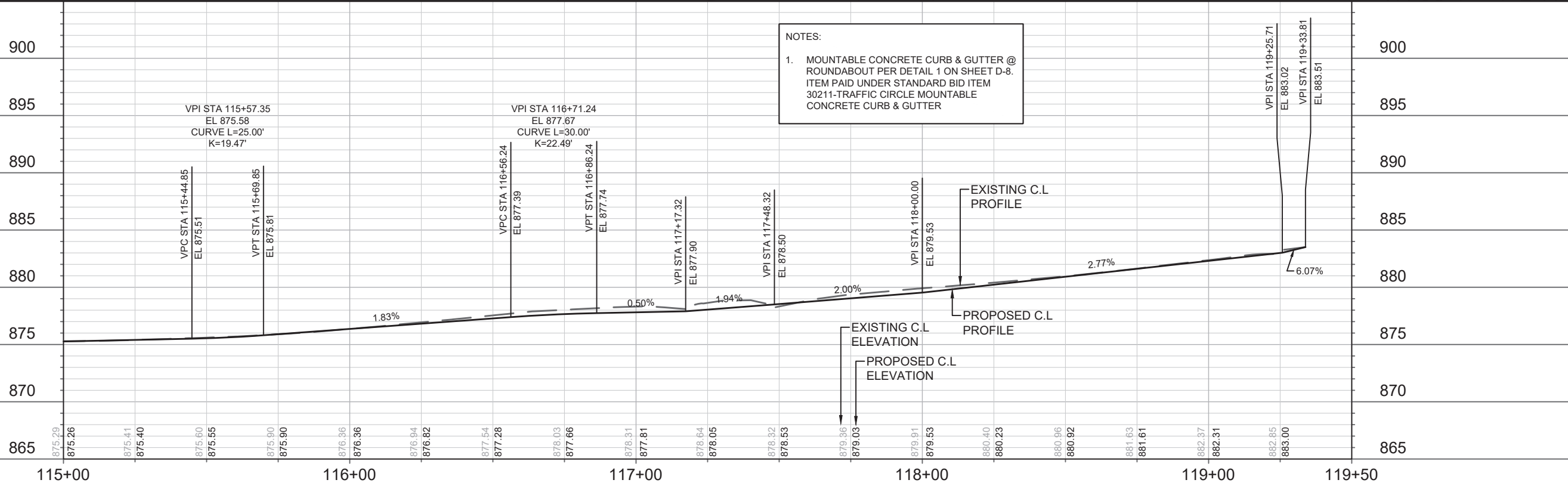
13175	MADISON, WI	8568	CONTRACT NO.:
<b>PLAN &amp; PROFILE- CRAIG AVENUE</b> <b>OLD MIDDLETON RD &amp; CRAIG AVE RESURFACING</b>			
M:\DESIGN\Projects\13175\CAD\Plan Sheets\13175- P Sheets.dwg			
13175	P-17	DATE	BY
REVISION	DATE	BY	BY
MARK	DATE	BY	BY
13175	2/18/2022 10:54 AM	Scale: 1" = 40'	P-17





**LEGEND**

	REMOVE AND REPLACE CONCRETE SIDEWALK (CONDITION)
	SAWCUT ASPHALT PAVEMENT
	SIDEWALK DRAINAGE PATH
	DETECTABLE WARNING FIELD
	CLEAR AND GRUB
	5' CONCRETE TERRACE
	SPOT REPAIR CURB & GUTTER (TYPE A)



MARK	REVISION	DATE	BY

13175  
MADISON, WI  
8568  
CONTRACT NO:

PLAN & PROFILE- CRAIG AVENUE  
OLD MIDDLETON RD & CRAIG AVE RESURFACING  
M:\DESIGN\Projects\13175\CAD\Plan Sheets\13175- P Sheets.dwg



0709-183-1223-5  
BRADFORD, ERIC K  
5710 Old Sauk Rd

0709-183-1218-6  
BETHKE LIVING TRUST  
L H & E M BETHKE TTEES  
5706 Old Sauk Rd

0709-183-1204-5  
DERENE, STEVEN & KATHRYN  
5702 Old Sauk Rd

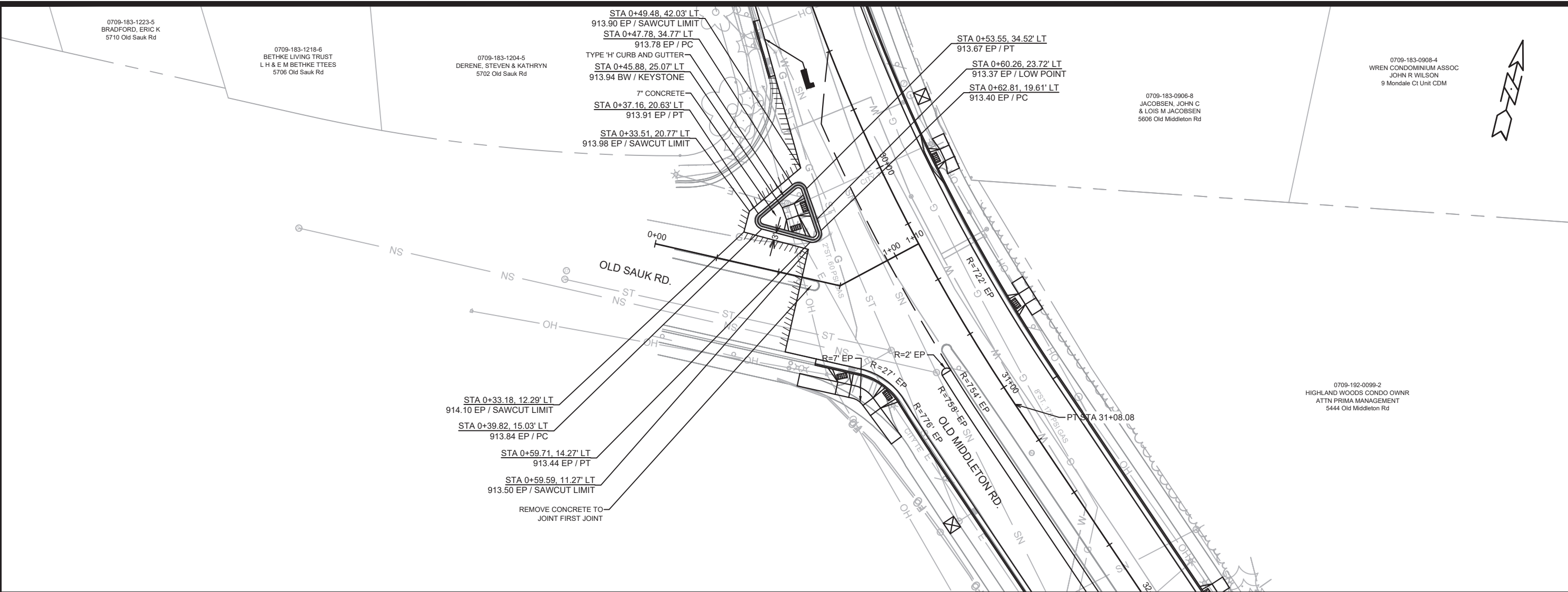
STA 0+49.48, 42.03' LT  
913.90 EP / SAWCUT LIMIT  
STA 0+47.78, 34.77' LT  
913.78 EP / PC  
TYPE 'H' CURB AND GUTTER  
STA 0+45.88, 25.07' LT  
913.94 BW / KEYSTONE  
7" CONCRETE  
STA 0+37.16, 20.63' LT  
913.91 EP / PT  
STA 0+33.51, 20.77' LT  
913.98 EP / SAWCUT LIMIT

STA 0+53.55, 34.52' LT  
913.67 EP / PT  
STA 0+60.26, 23.72' LT  
913.37 EP / LOW POINT  
STA 0+62.81, 19.61' LT  
913.40 EP / PC

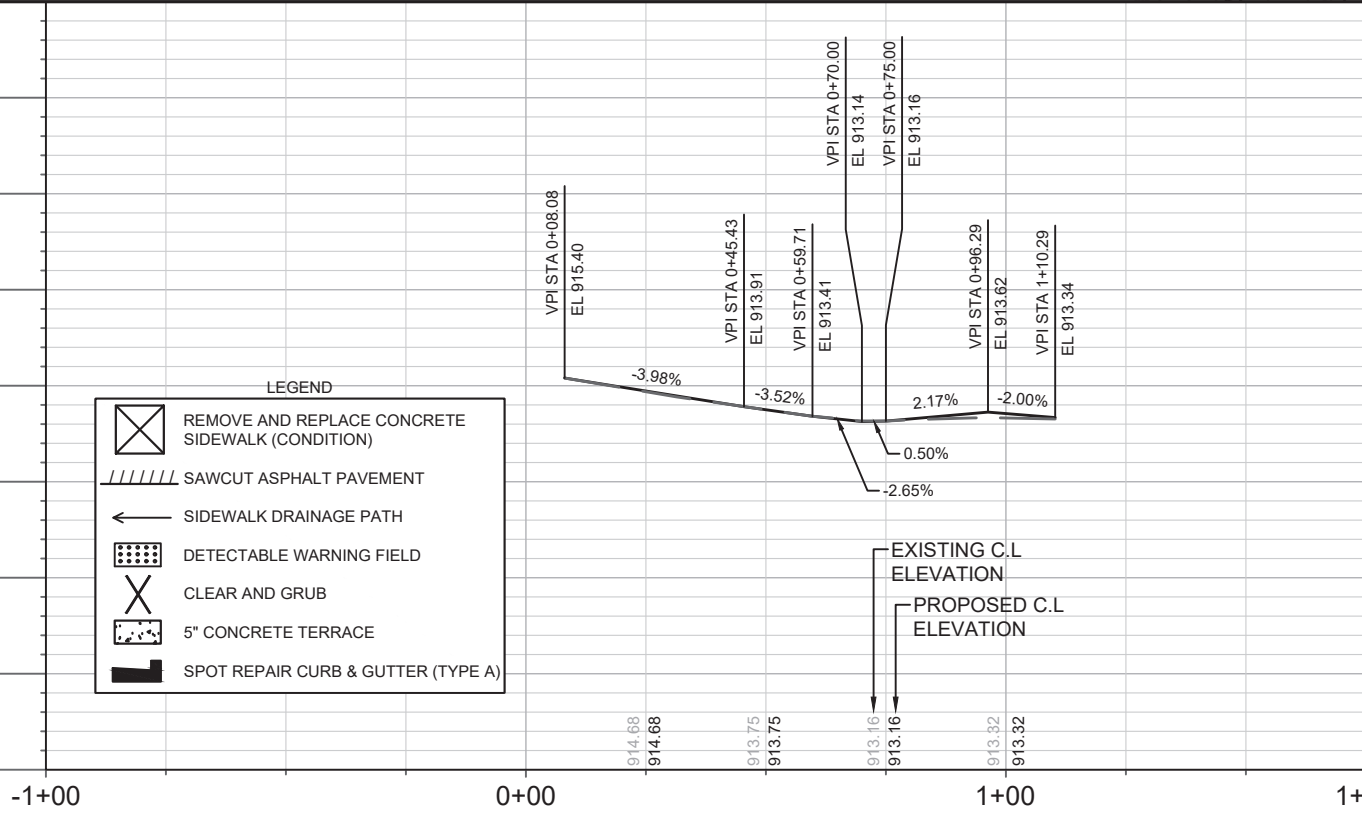
0709-183-0906-8  
JACOBSEN, JOHN C  
& LOIS M JACOBSEN  
5606 Old Middleton Rd

0709-183-0908-4  
WREN CONDOMINIUM ASSOC  
JOHN R WILSON  
9 Mondale Ct Unit CDM

0709-192-0099-2  
HIGHLAND WOODS CONDO OWNR  
ATTN PRIMA MANAGEMENT  
5444 Old Middleton Rd



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910  
905  
900  
895



LEGEND

- REMOVE AND REPLACE CONCRETE SIDEWALK (CONDITION)
- SAWCUT ASPHALT PAVEMENT
- SIDEWALK DRAINAGE PATH
- DETECTABLE WARNING FIELD
- CLEAR AND GRUB
- 5" CONCRETE TERRACE
- SPOT REPAIR CURB & GUTTER (TYPE A)

930  
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910  
905  
900  
895

-1+00      0+00      1+00      1+75

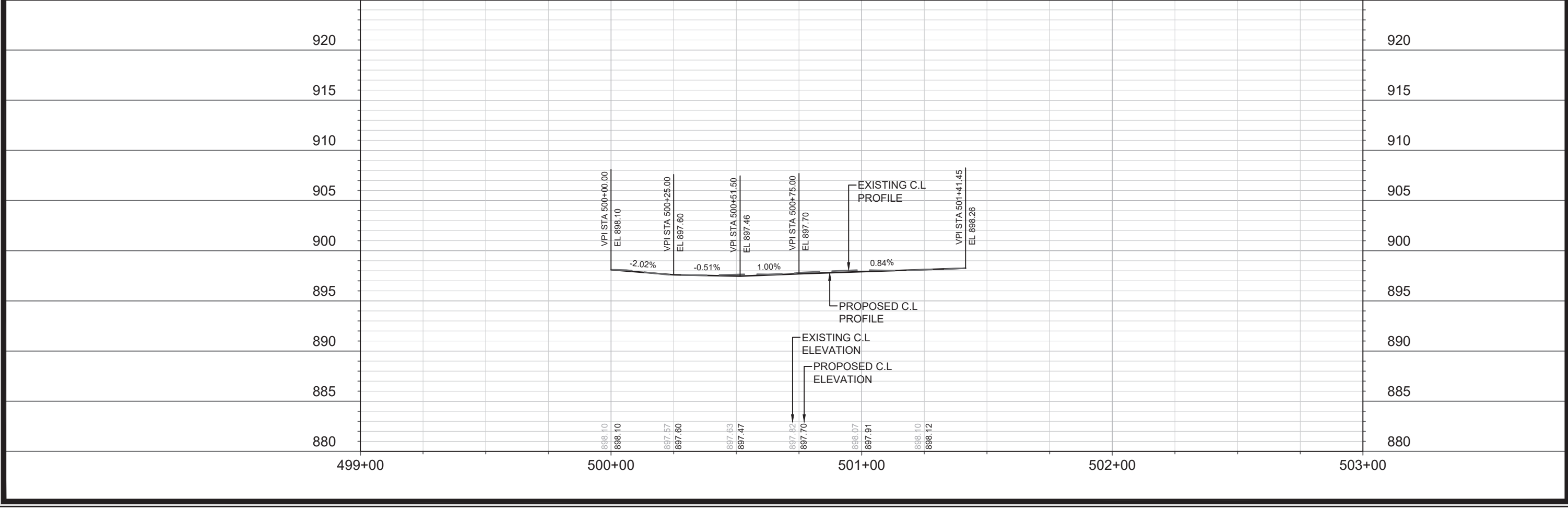
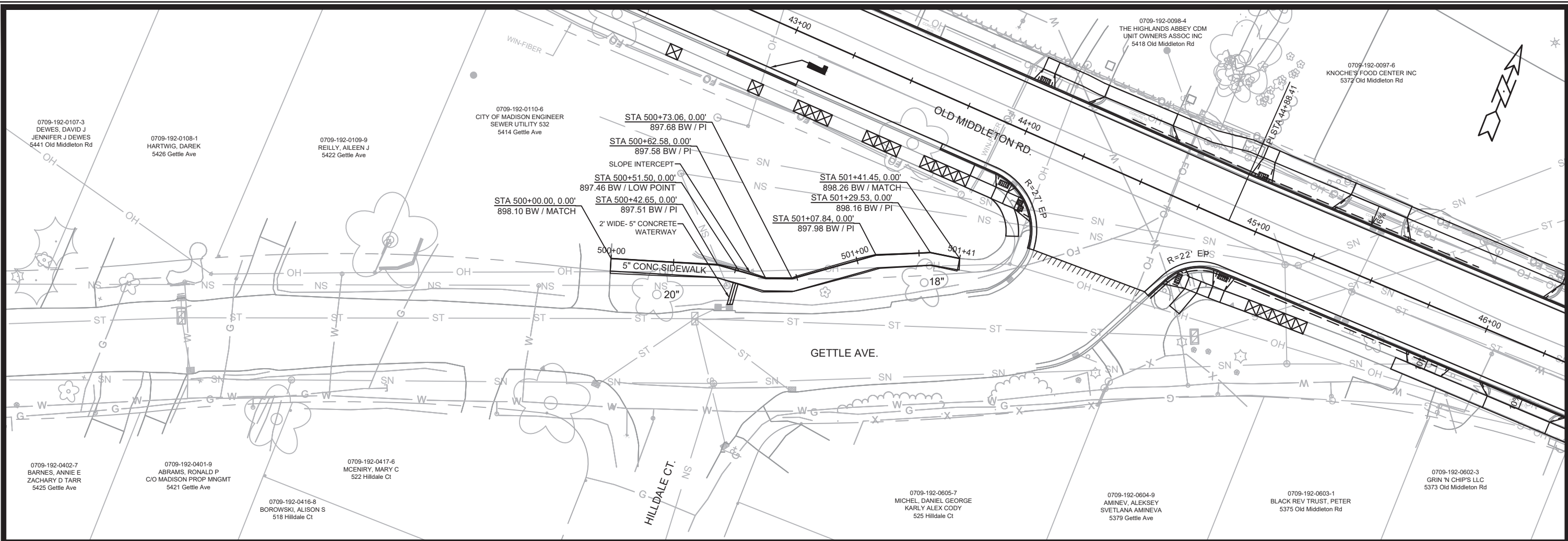
MARK	REVISION	DATE	BY

13175  
MADISON, WI  
8568  
CONTRACT NO:

PLAN & PROFILE- OLD SAUK ROAD  
OLD MIDDLETON RD & CRAIG AVE RESURFACING  
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13175  
P-19

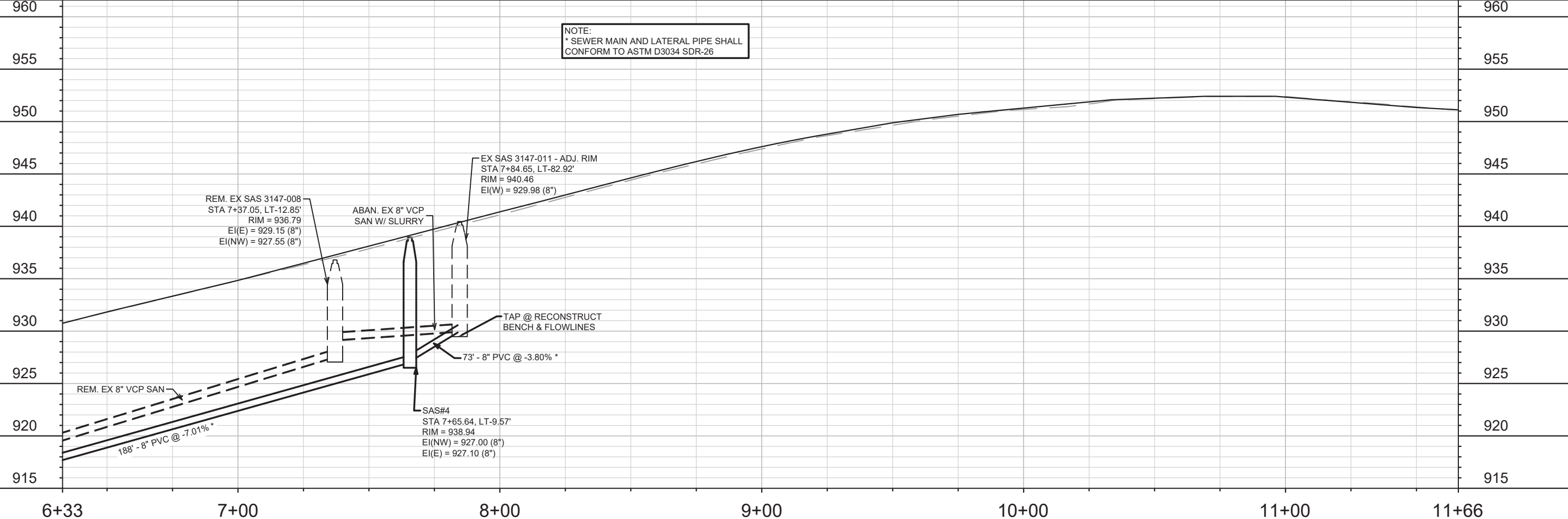
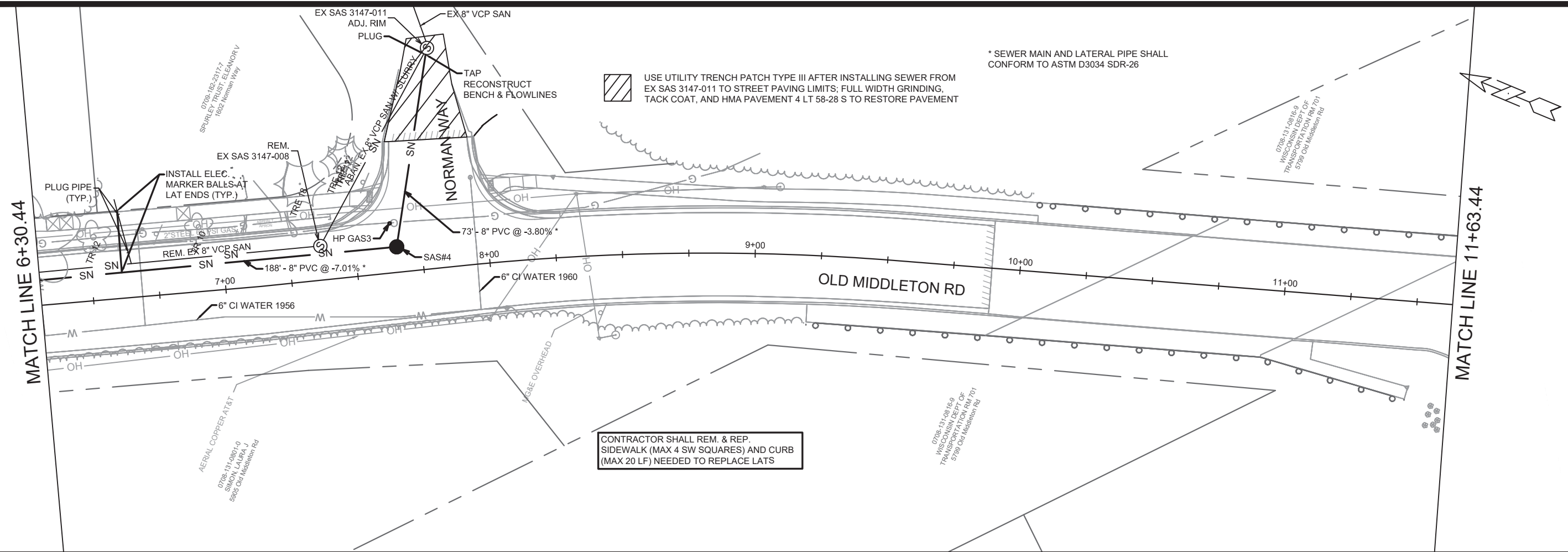


13175	MADISON, WI	8568	CONTRACT NO:	P-20
PLAN & PROFILE- GETTLE AVENUE NEW SIDEWALK OLD MIDDLETON RD & CRAIG AVE RESURFACING				
M:\DESIGN\Projects\13175\CAD\Plan Sheets\13175- P Sheets.dwg				
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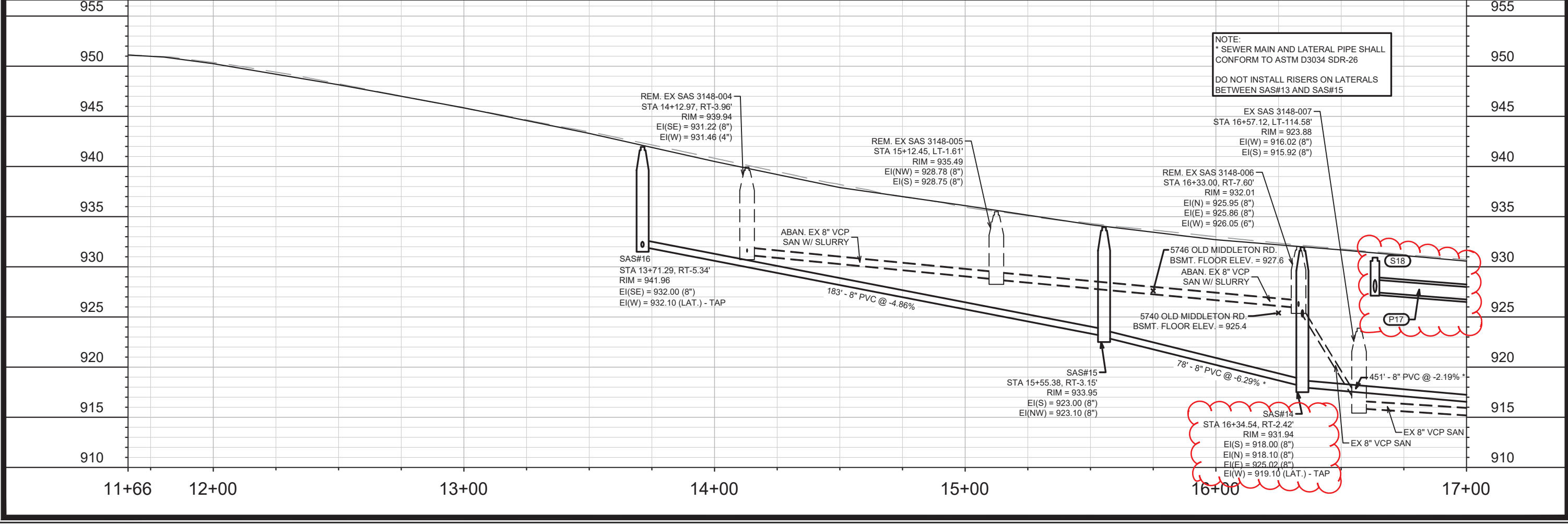
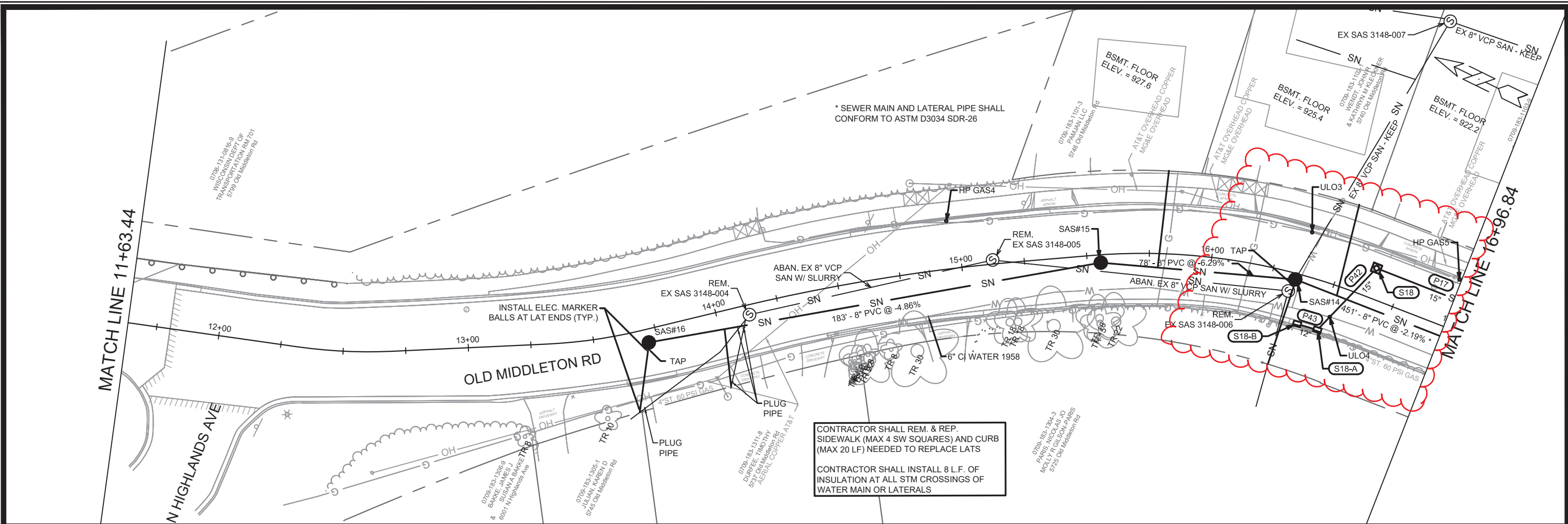


MARK	REVISION	DATE	BY
13175		2/22/2022 10:13 AM	U-2

13175  
MADISON, WI  
8568  
CONTRACT NO:

UTILITY PLAN & PROFILE- OLD MIDDLETON ROAD  
OLD MIDDLETON RD & CRAIG AVE RESURFACING  
M:\DESIGN\Projects\13175\CAD\Sewers\13175SWR-PipeNetwork.dwg

13175  
U-2



CONTRACTOR SHALL REM. & REP. SIDEWALK (MAX 4 SW SQUARES) AND CURB (MAX 20 LF) NEEDED TO REPLACE LATS

CONTRACTOR SHALL INSTALL 8 L.F. OF INSULATION AT ALL STM CROSSINGS OF WATER MAIN OR LATERALS

NOTE:  
 \* SEWER MAIN AND LATERAL PIPE SHALL CONFORM TO ASTM D3034 SDR-26

DO NOT INSTALL RISERS ON LATERALS BETWEEN SAS#13 AND SAS#15

MARK	REVISION	DATE	BY
1	STM DESIGN ADJUSTED TO AVOID HP GAS	4/14/22	MAA
Designed By: ##		Date: 4/15/2022 9:43 AM	Scale: 1" = 40'
13175			U-3

13175  
 MADISON, WI  
 8650  
 CONTRACT NO:

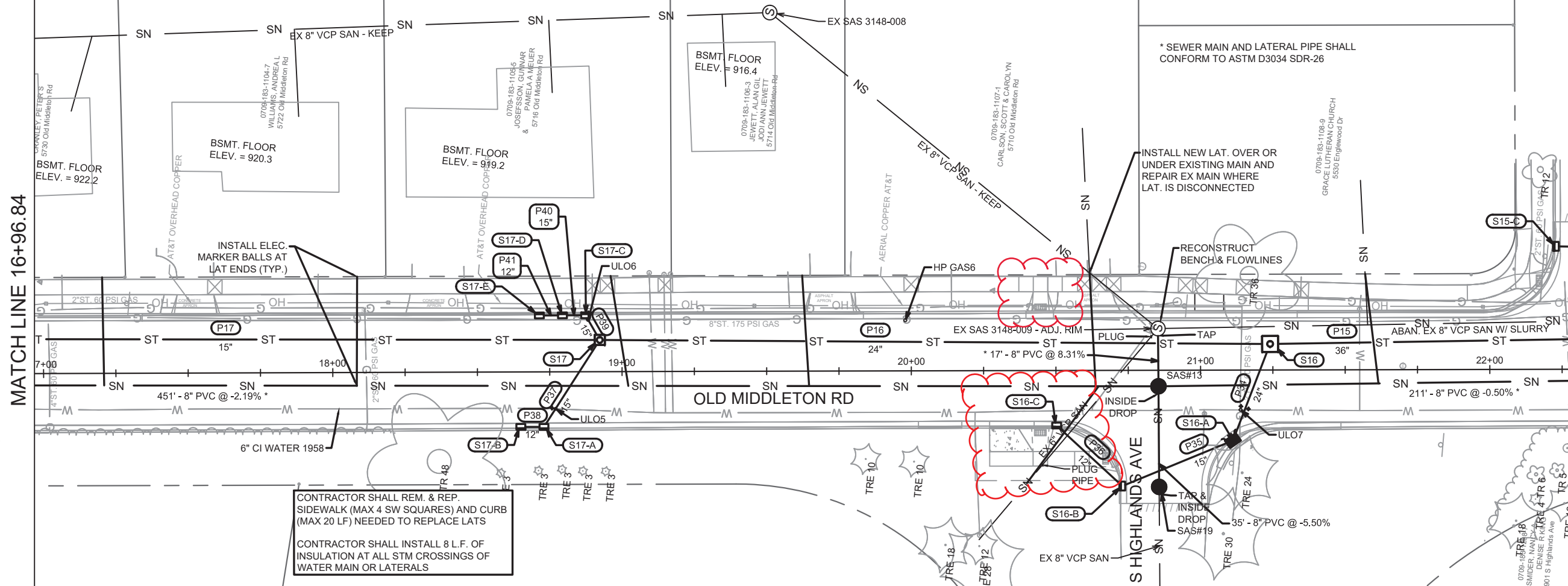
UTILITY PLAN & PROFILE- OLD MIDDLETON ROAD  
 OLD MIDDLETON RD & CRAIG AVE RESURFACING  
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13175  
 U-3

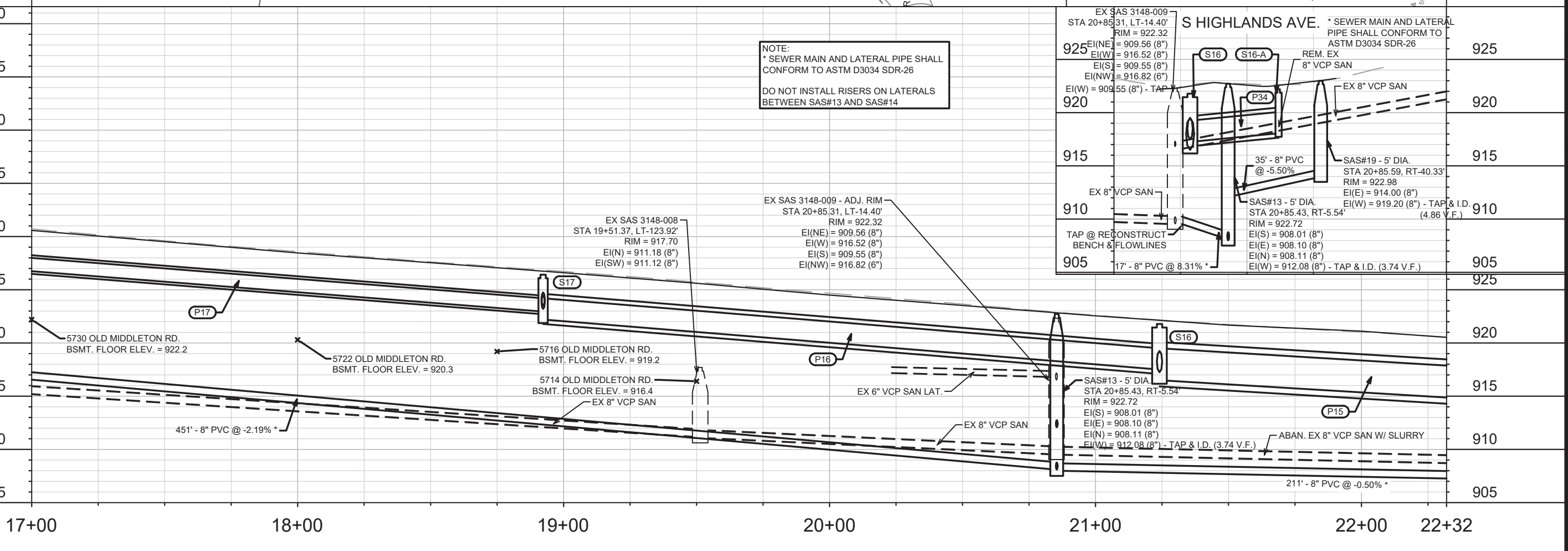
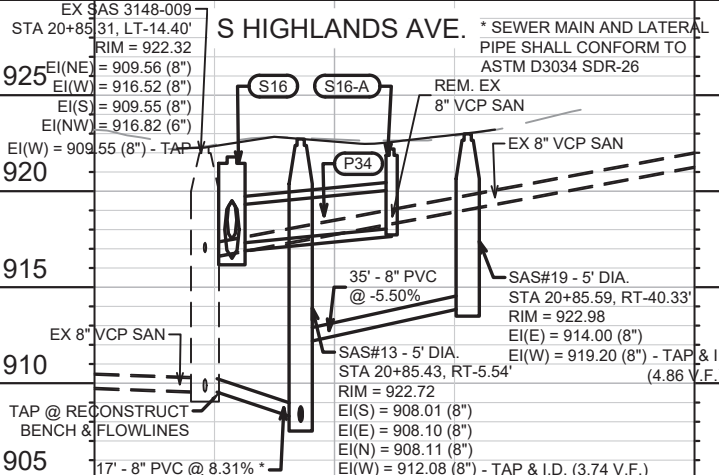
MATCH LINE 16+96.84

MATCH LINE 22+28.84



CONTRACTOR SHALL REM. & REP. SIDEWALK (MAX 4 SW SQUARES) AND CURB (MAX 20 LF) NEEDED TO REPLACE LATS  
 CONTRACTOR SHALL INSTALL 8 L.F. OF INSULATION AT ALL STM CROSSINGS OF WATER MAIN OR LATERALS

NOTE:  
 \* SEWER MAIN AND LATERAL PIPE SHALL CONFORM TO ASTM D3034 SDR-26  
 DO NOT INSTALL RISERS ON LATERALS BETWEEN SAS#13 AND SAS#14



NO.	DATE	BY
1	5/27/22	MAA
2	4/14/22	MAA

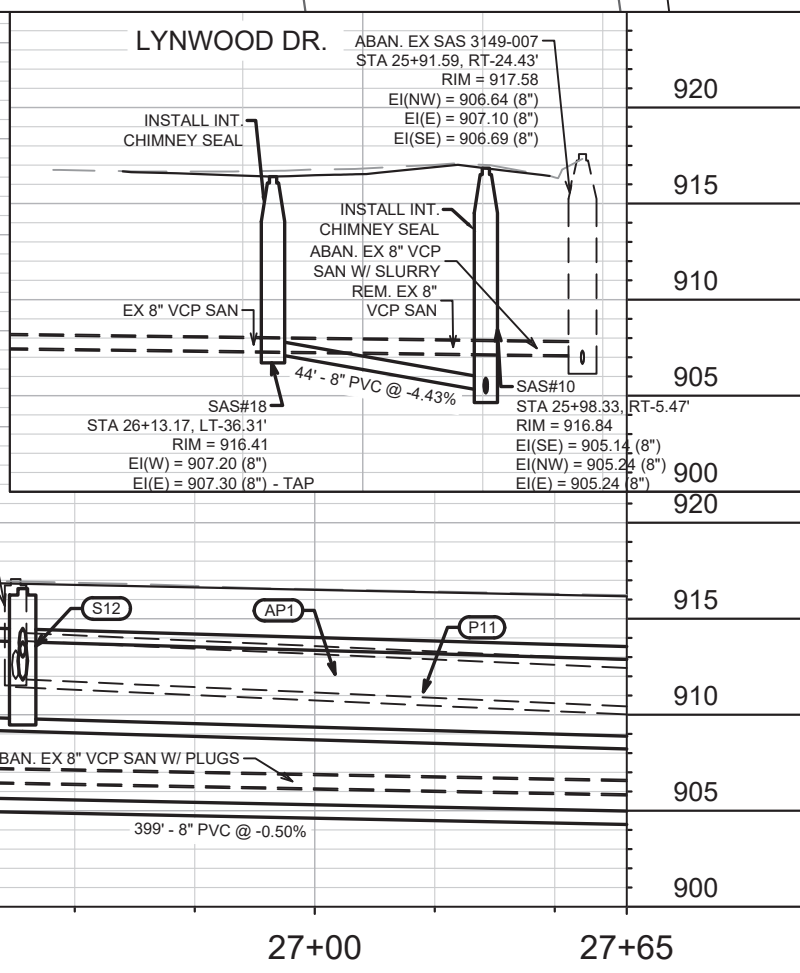
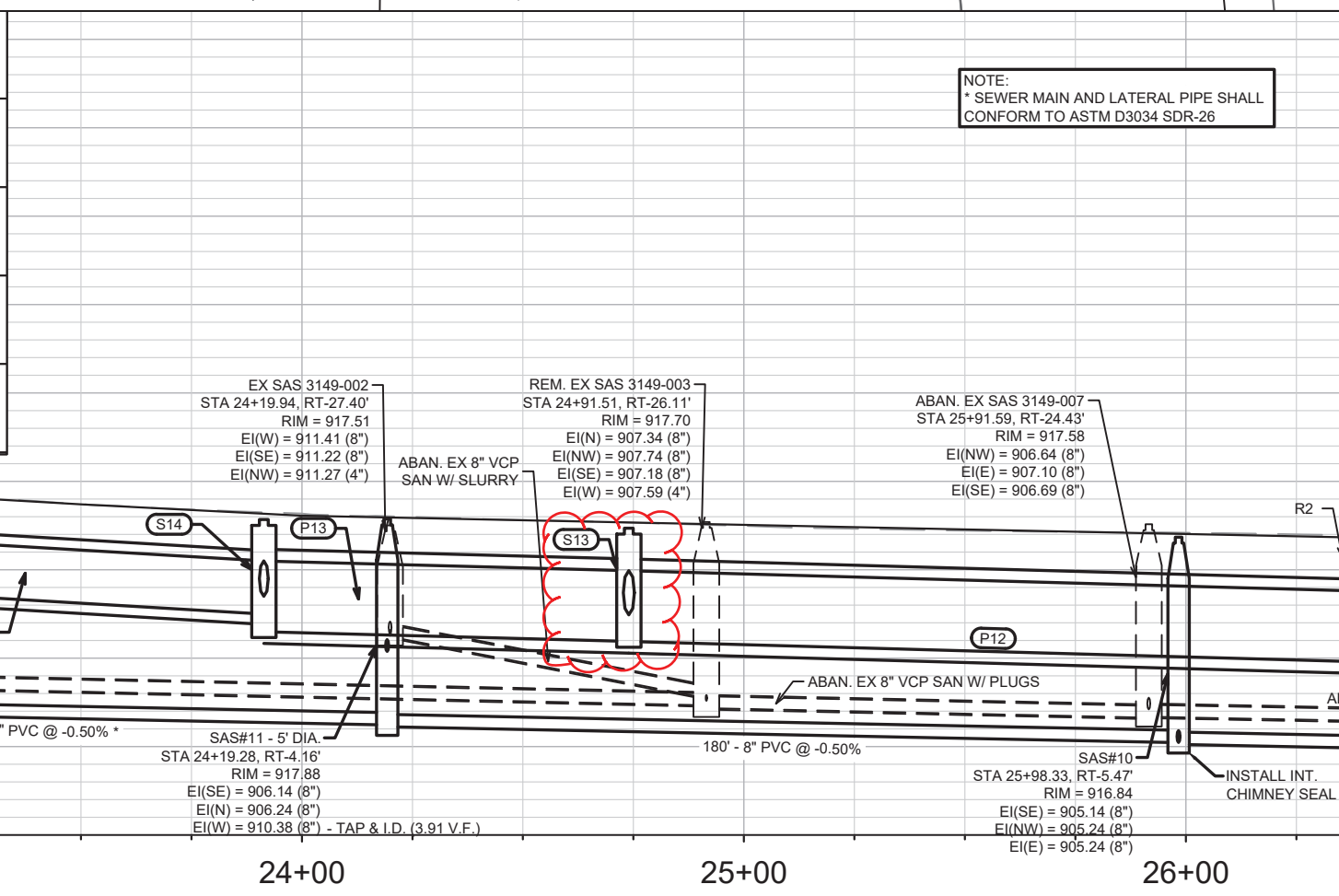
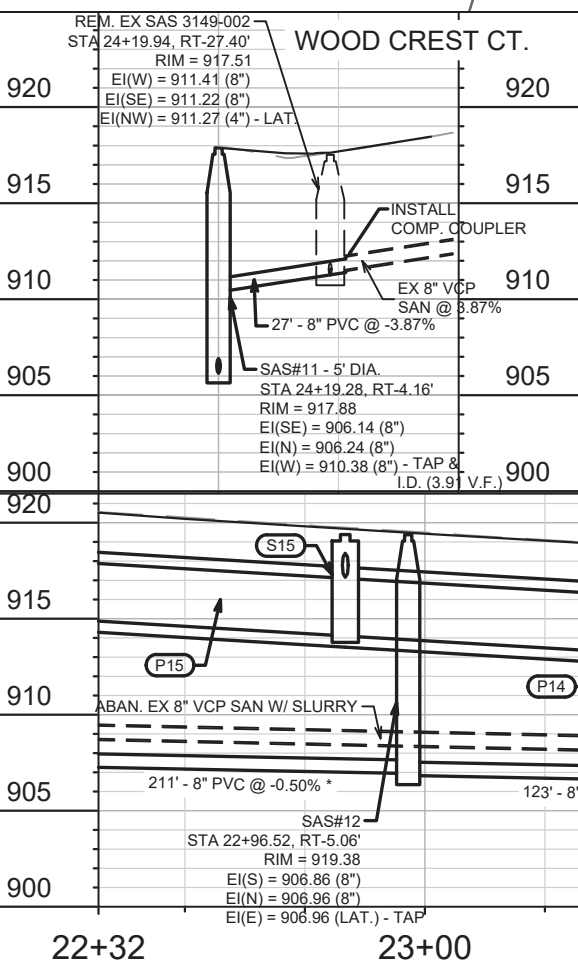
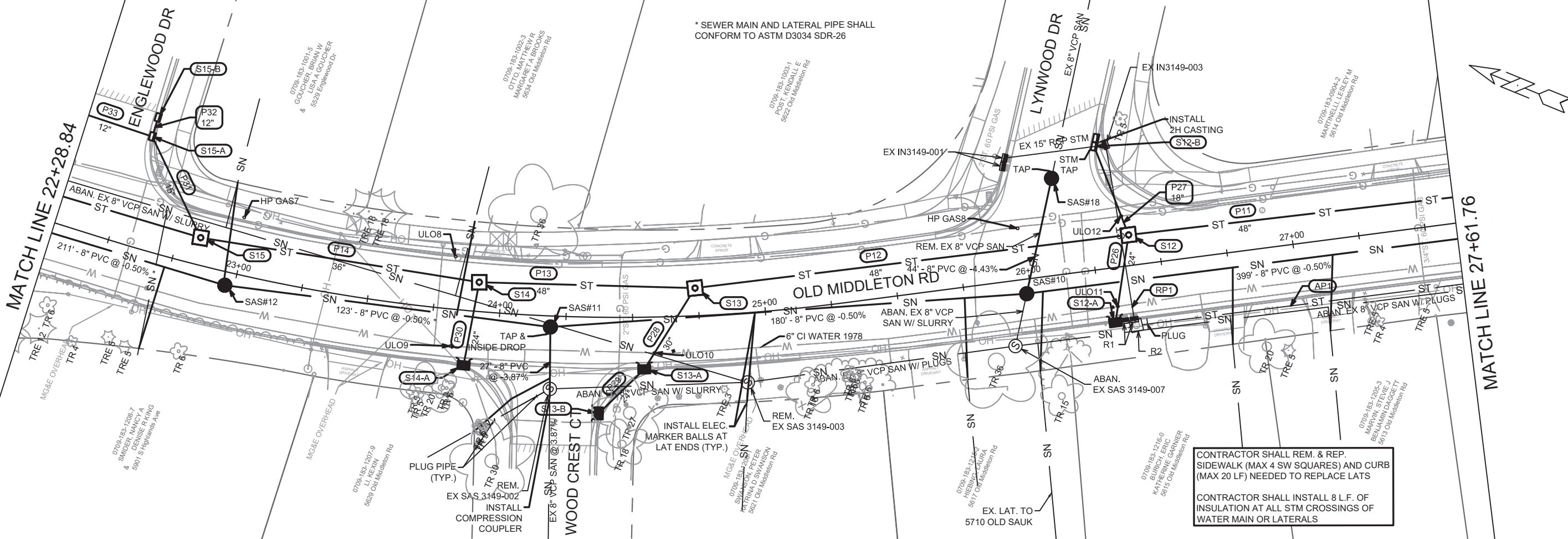
13175  
 MADISON, WI  
 CONTRACT NO: 8650

UTILITY PLAN & PROFILE- OLD MIDDLETON ROAD  
 OLD MIDDLETON RD & CRAIG AVE RESURFACING  
 M:\DESIGN\Projects\13175\CAD\Sewers\13175SWR-PipeNetwork.dwg



13175  
 U-4





NOTE:  
\* SEWER MAIN AND LATERAL PIPE SHALL CONFORM TO ASTM D3034 SDR-26

CONTRACTOR SHALL REM. & REP. SIDEWALK (MAX 4 SW SQUARES) AND CURB (MAX 20 LF) NEEDED TO REPLACE LATS

CONTRACTOR SHALL INSTALL 8 L.F. OF INSULATION AT ALL STM CROSSINGS OF WATER MAIN OR LATERALS

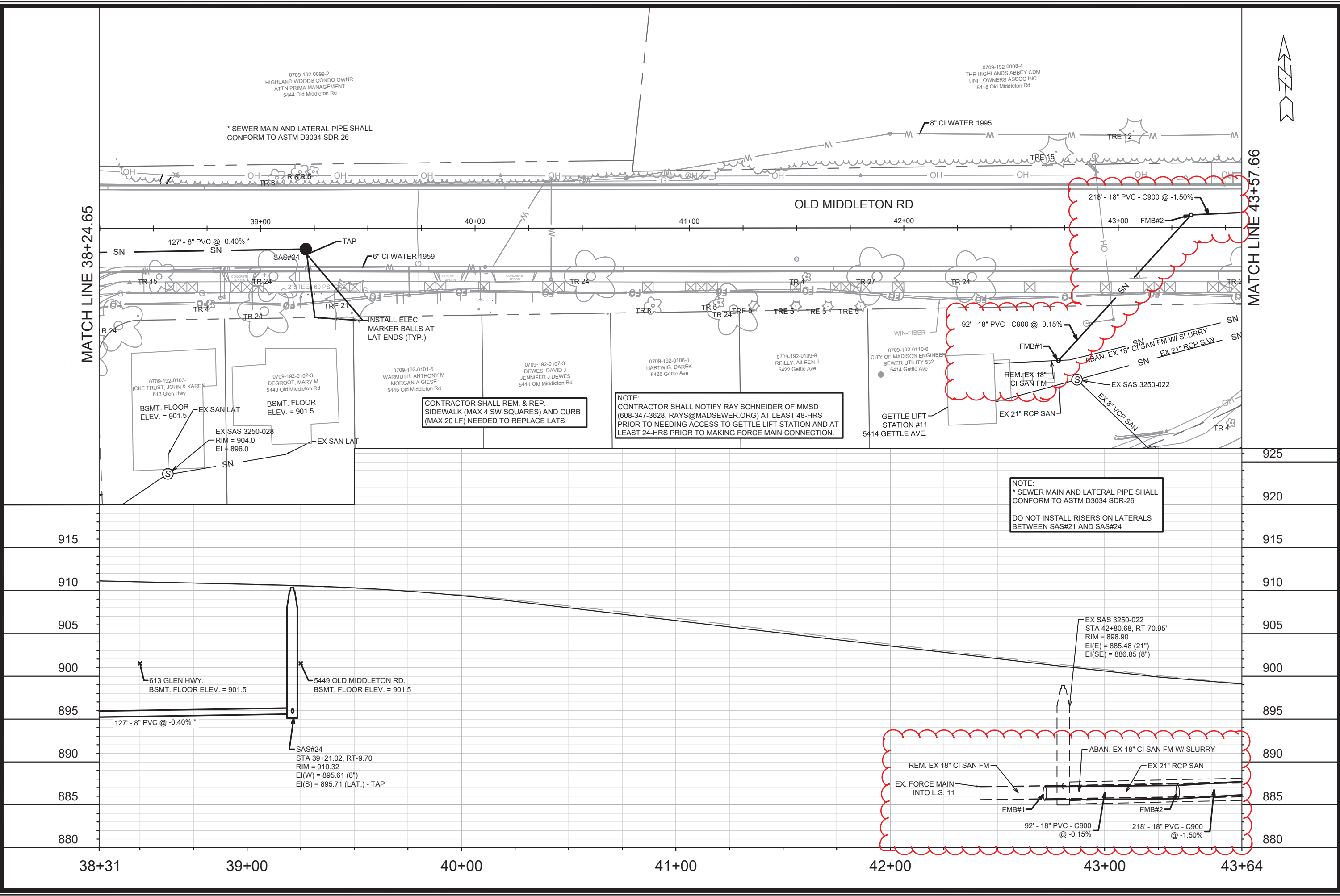
13175	13175	8650	U-5
MADISON, WI	CONTRACT NO.:	U-5	
UTILITY PLAN & PROFILE- OLD MIDDLETON ROAD			
OLD MIDDLETON RD & CRAIG AVE RESURFACING			
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CITY OF MADISON WISCONSIN			
13175			
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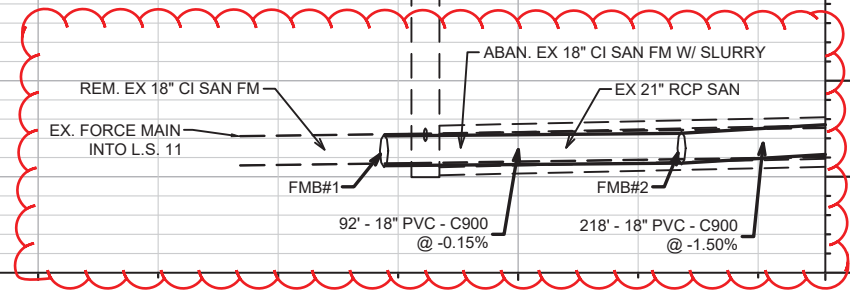




\* SEWER MAIN AND LATERAL PIPE SHALL CONFORM TO ASTM D3034 SDR-26

NOTE:  
CONTRACTOR SHALL NOTIFY RAY SCHNEIDER OF MMSD (608-347-3628, RAYS@MADSEWER.ORG) AT LEAST 48-HRS PRIOR TO NEEDING ACCESS TO GETTLE LIFT STATION AND AT LEAST 24-HRS PRIOR TO MAKING FORCE MAIN CONNECTION.

NOTE:  
\* SEWER MAIN AND LATERAL PIPE SHALL CONFORM TO ASTM D3034 SDR-26  
DO NOT INSTALL RISERS ON LATERALS BETWEEN SAS#21 AND SAS#24



0709-192-0099-2  
HIGHLAND WOODS CONDO OWNR  
ATTN PRIMA MANAGEMENT  
5444 Old Middleton Rd

0709-192-0098-4  
THE HIGHLANDS ABBEY CDM  
UNIT OWNERS ASSOC INC  
5418 Old Middleton Rd

0709-192-0103-1  
JCKE TRUST, JOHN & KAREN  
613 Glen Hwy  
BSMT. FLOOR ELEV. = 901.5

0709-192-0102-3  
DEGROOT, MARY M  
5449 Old Middleton Rd  
BSMT. FLOOR ELEV. = 901.5

0709-192-0101-5  
WARMUTH, ANTHONY M  
MORGAN A GIESE  
5445 Old Middleton Rd

0709-192-0107-3  
DEWES, DAVID J  
JENNIFER J DEWES  
5441 Old Middleton Rd

0709-192-0108-1  
HARTWIG, DAREK  
5426 Gettle Ave

0709-192-0109-9  
REILLY, AILEEN J  
5422 Gettle Ave

0709-192-0110-6  
CITY OF MADISON ENGINEER  
SEWER UTILITY 532  
5414 Gettle Ave

GETTLE LIFT STATION #11  
5414 GETTLE AVE.

REM. EX 18" CI SAN FM

EX 21" RCP SAN

EX 8" VCP SAN

EX SAS 3250-022

ABAN. EX 18" CI SAN FM W/ SLURRY

EX 21" RCP SAN

SN

SN

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SN

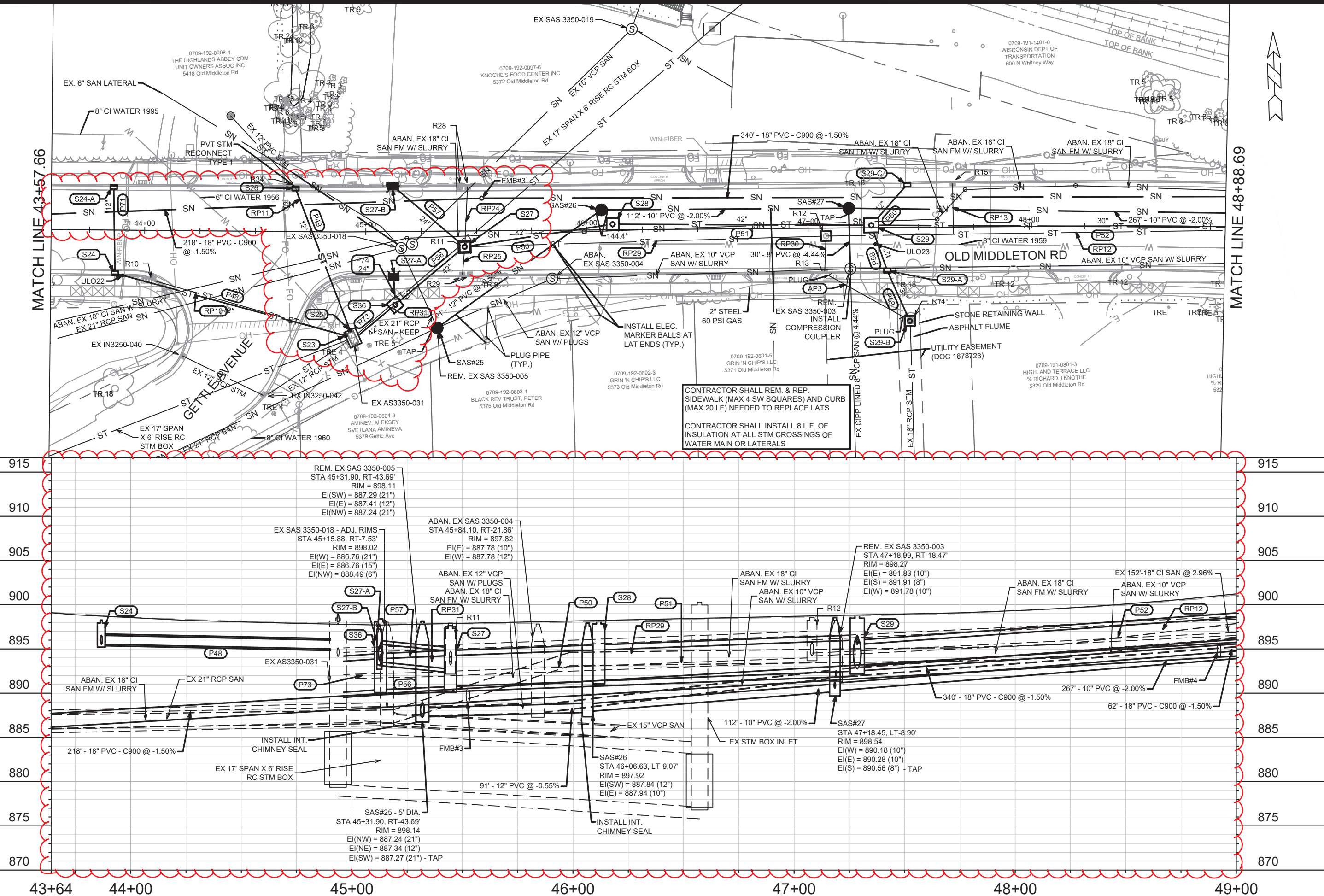
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13175	MADISON, WI	8650	CONTRACT NO:
UTILITY PLAN & PROFILE- OLD MIDDLETON ROAD			
OLD MIDDLETON RD & CRAIG AVE RESURFACING			
M:\DESIGN\Projects\13175\CAD\Sewers\13175SWR-PipeNetwork.dwg			
13175	U-8		

MATCH LINE 43+57.66

MATCH LINE 48+88.69



CONTRACTOR SHALL REM. & REP. SIDEWALK (MAX 4 SW SQUARES) AND CURB (MAX 20 LF) NEEDED TO REPLACE LATS

CONTRACTOR SHALL INSTALL 8 L.F. OF INSULATION AT ALL STM CROSSINGS OF WATER MAIN OR LATERALS

MARK	REVISION	DATE	BY
1	REPRINTED TO SHOW ALL SAN NOTES	4/14/22	MAA
2	REVISED FORCE MAIN & STM SEWER	4/29/22	MAA

13175  
MADISON, WI  
CONTRACT NO.: 8650

UTILITY PLAN & PROFILE- OLD MIDDLETON ROAD  
OLD MIDDLETON RD & CRAIG AVE RESURFACING

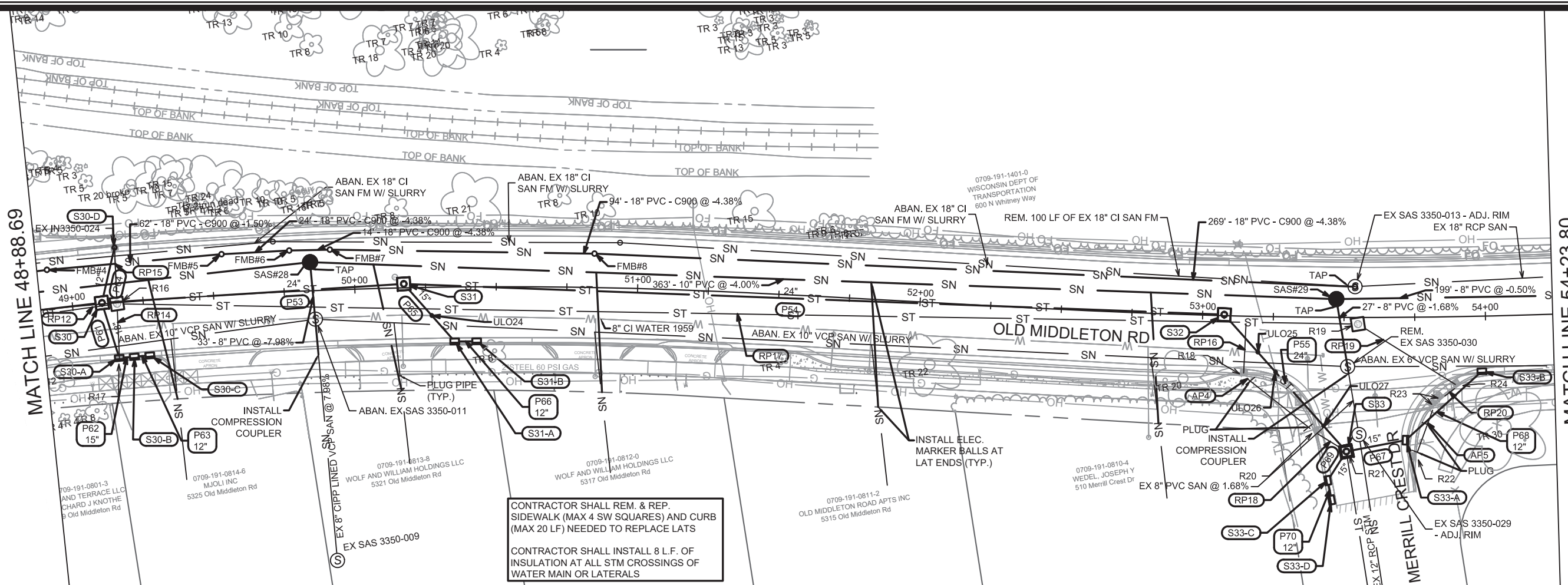


13175  
U-9

Scale: 1" = 40'  
Date: 4/29/2022 12:15 PM  
Designed By: 13175

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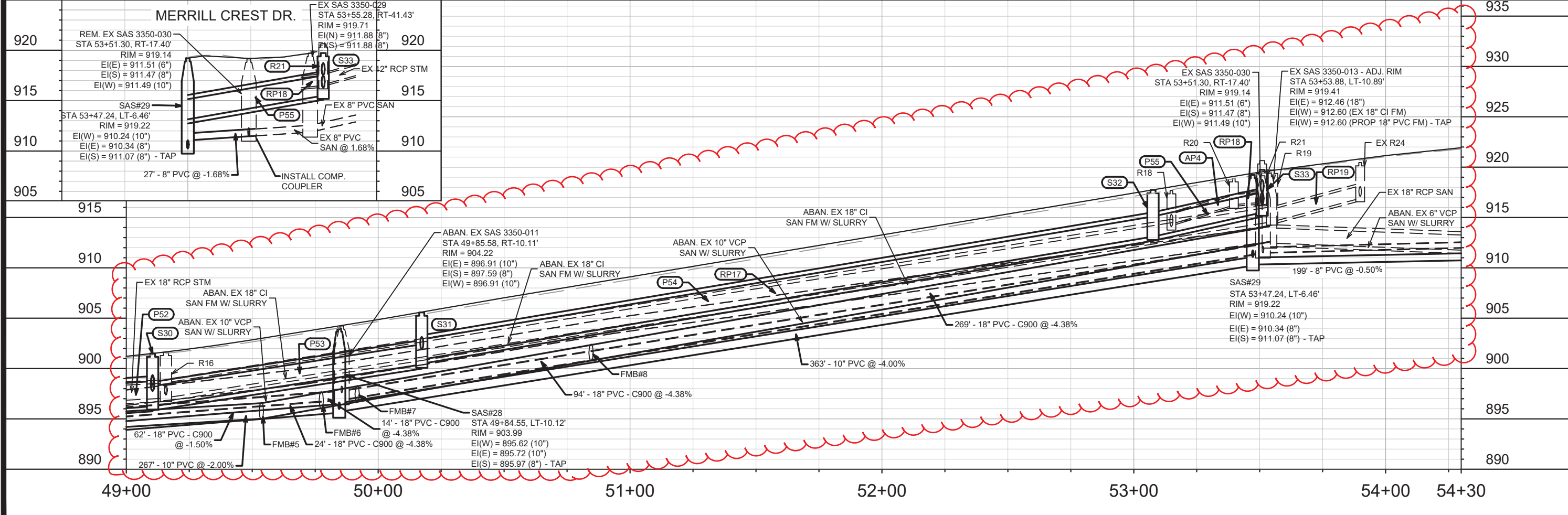


MATCH LINE 48+88.69

MATCH LINE 54+23.80

CONTRACTOR SHALL REM. & REP. SIDEWALK (MAX 4 SW SQUARES) AND CURB (MAX 20 LF) NEEDED TO REPLACE LATS

CONTRACTOR SHALL INSTALL 8 L.F. OF INSULATION AT ALL STM CROSSINGS OF WATER MAIN OR LATERALS



MARK	REVISION	DATE	BY
1	REVISED FOR MAIN PROFILE	4/29/22	MAA
2	REPRINTED TO SHOW ALL SAN NOTES	4/14/22	MAA

13175  
MADISON, WI  
CONTRACT NO.: 8650  
U-10

UTILITY PLAN & PROFILE- OLD MIDDLETON ROAD  
OLD MIDDLETON RD & CRAIG AVE RESURFACING  
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13175  
U-10



0709-191-1401-0  
WISCONSIN DEPT. OF  
TRANSPORTATION  
600 N Whitney Way

MATCH LINE 54+23.80

MATCH LINE 59+57.04

OLD MIDDLETON RD

0709-191-0733-8  
MERC123 LLC  
5225 Old Middleton Rd  
CONTRACTOR SHALL REM. & REP.  
SIDEWALK (MAX 4 SW SQUARES) AND CURB  
(MAX 20 LF) NEEDED TO REPLACE LATS  
CONTRACTOR SHALL INSTALL 8 L.F. OF  
INSULATION AT ALL STM CROSSINGS OF  
WATER MAIN OR LATERALS

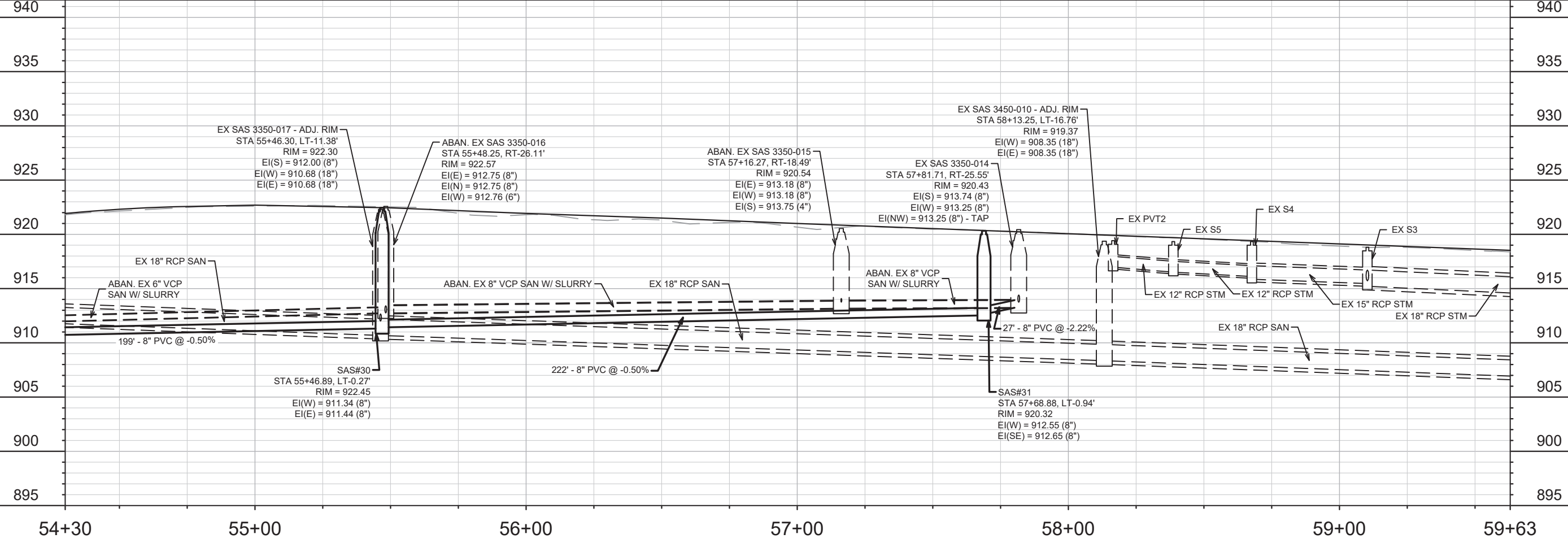
0709-191-0738-8  
KNUPP PROPERTIES LLC  
ATTN CHAMBERS CPA LLC  
5219 Old Middleton Rd

0709-191-0732-4  
JOROFF, STEVE  
5215 Old Middleton Rd

0709-191-0731-2  
5211 OLD MIDDLETON DR LLC  
5211 Old Middleton Rd

0709-191-0730-4  
K & W PARTNERSHIP II LLP  
ATTN THEODORE H KNUPP  
5203 Old Middleton Rd

0709-191-4  
WHITNEY-OLD MID  
5201 Old Midd



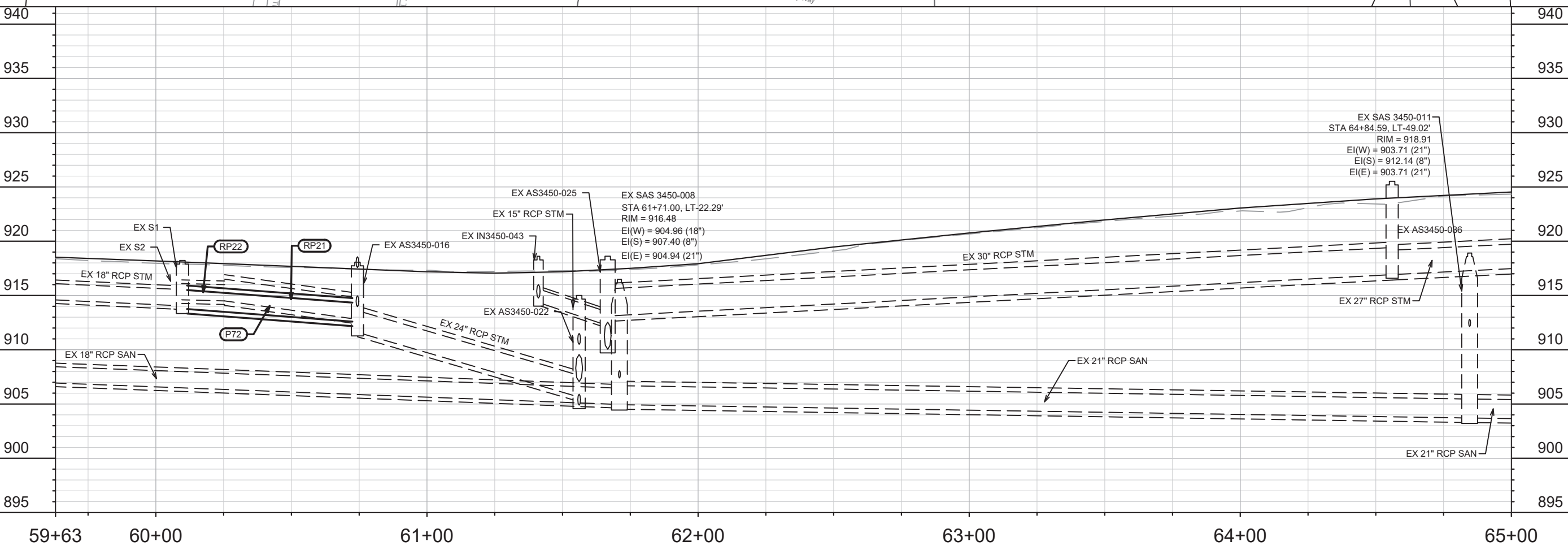
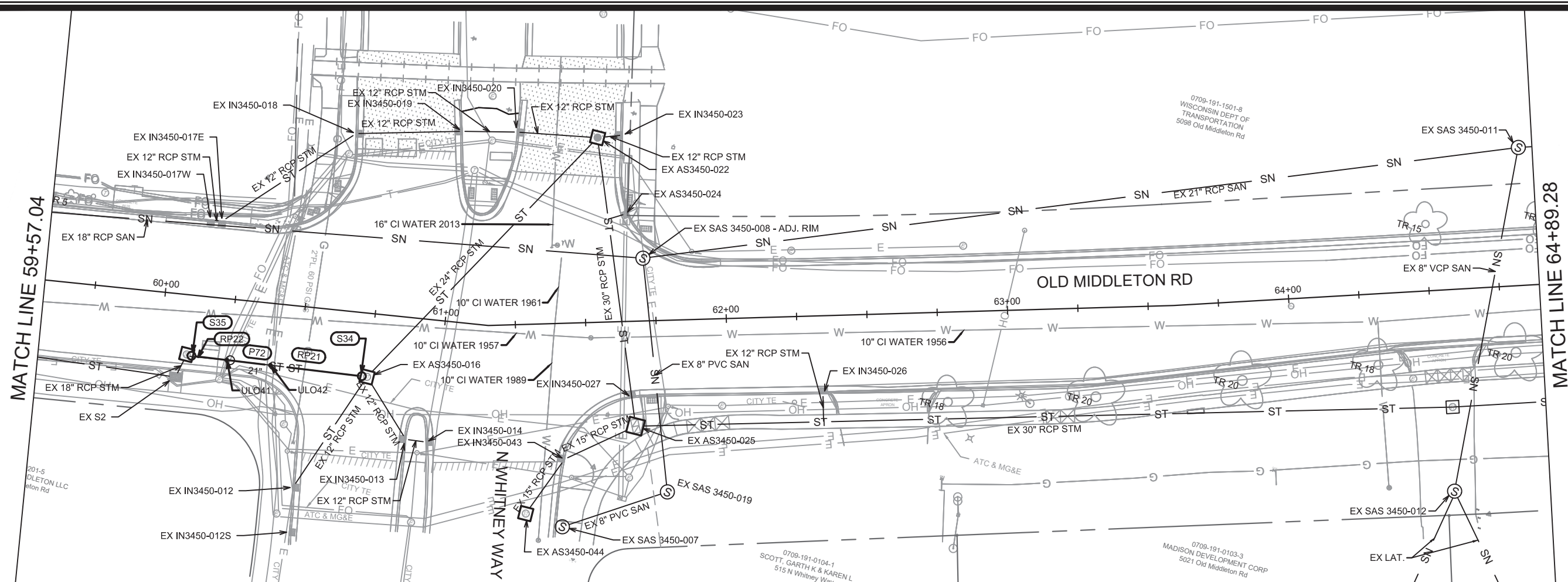
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13175	U-11	2/22/2022 10:18 AM	U-11

13175  
MADISON, WI  
8568  
CONTRACT NO:

UTILITY PLAN & PROFILE- OLD MIDDLETON ROAD  
OLD MIDDLETON RD & CRAIG AVE RESURFACING  
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13175  
U-11



MARK	REVISION	DATE	BY
1	RENUM ULOS, REM EX RT-R3, ADD EX AS	2/22/22	MAA
2	DESIGNED BY: ###	10/12 AM	U-12
3	13175	3/17/2022	Scale: 1" = 40'

13175  
 MADISON, WI  
 8568  
 CONTRACT NO:

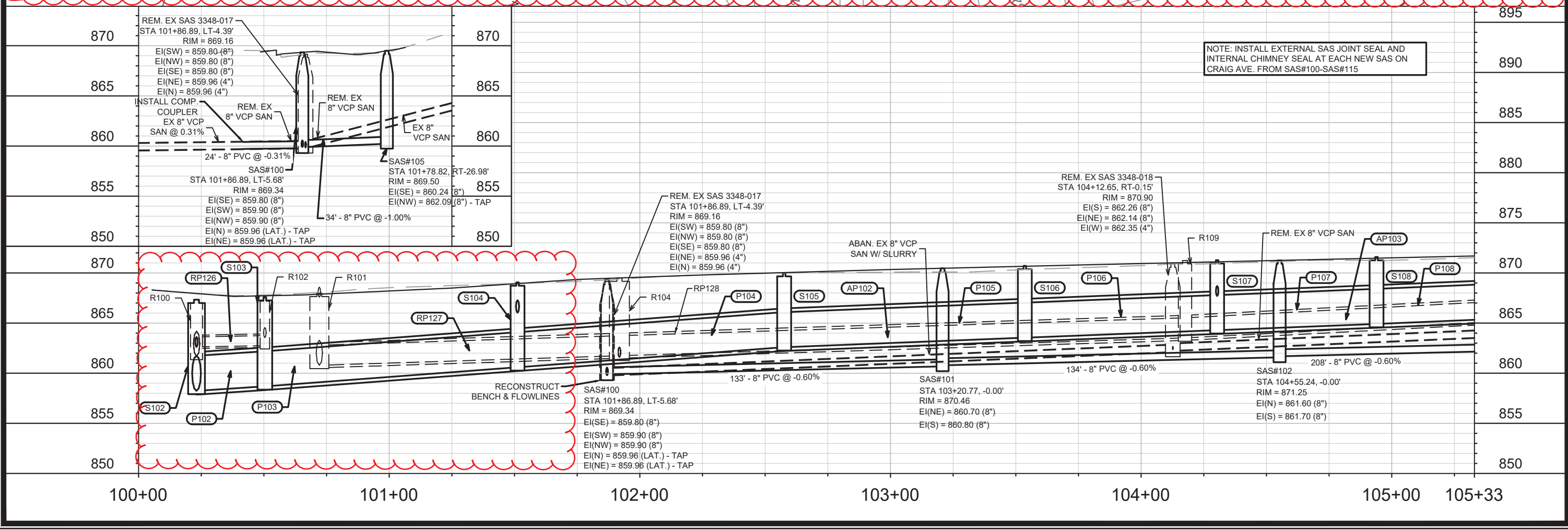
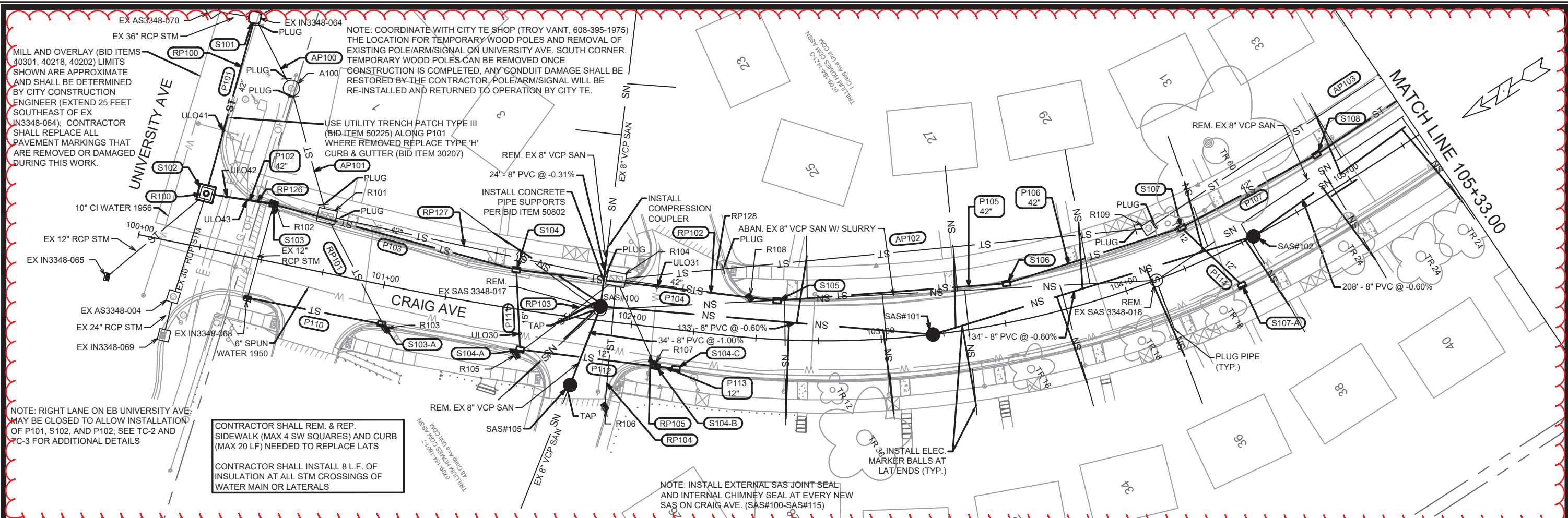
UTILITY PLAN & PROFILE- OLD MIDDLETON ROAD  
 OLD MIDDLETON RD & CRAIG AVE RESURFACING  
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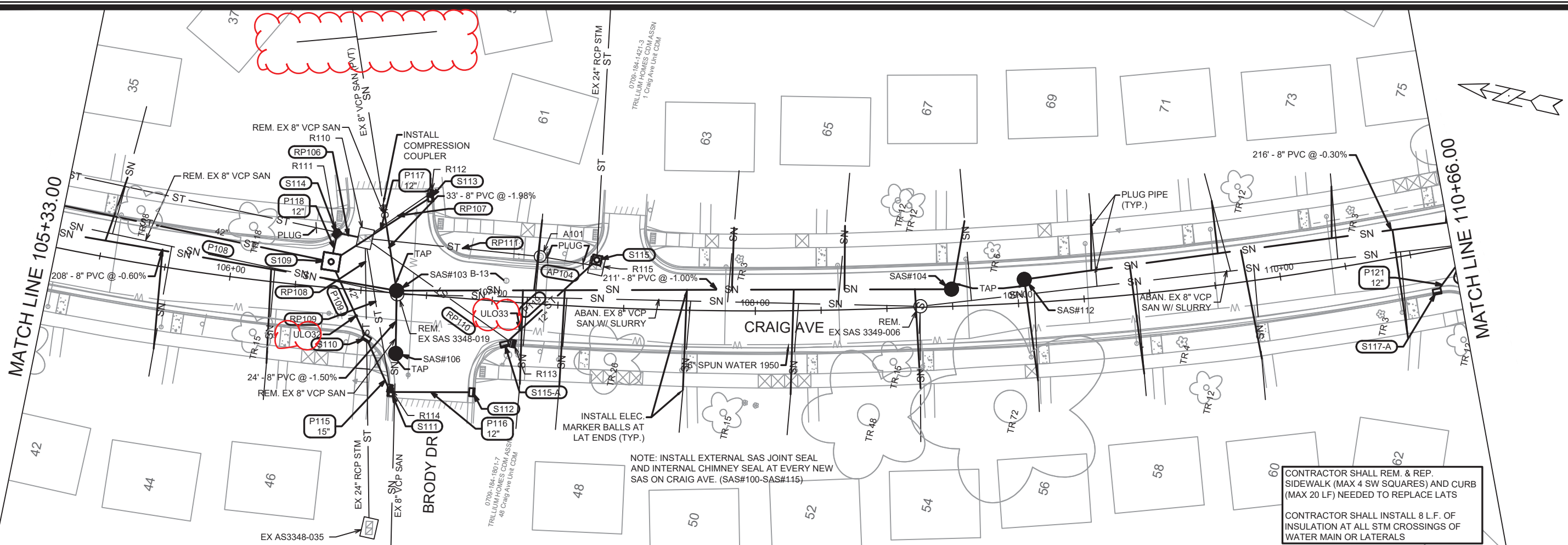
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MADISON, WI  
CONTRACT NO.: 8650

UTILITY PLAN & PROFILE - CRAIG AVENUE  
OLD MIDDLETON RD & CRAIG AVE RESURFACING

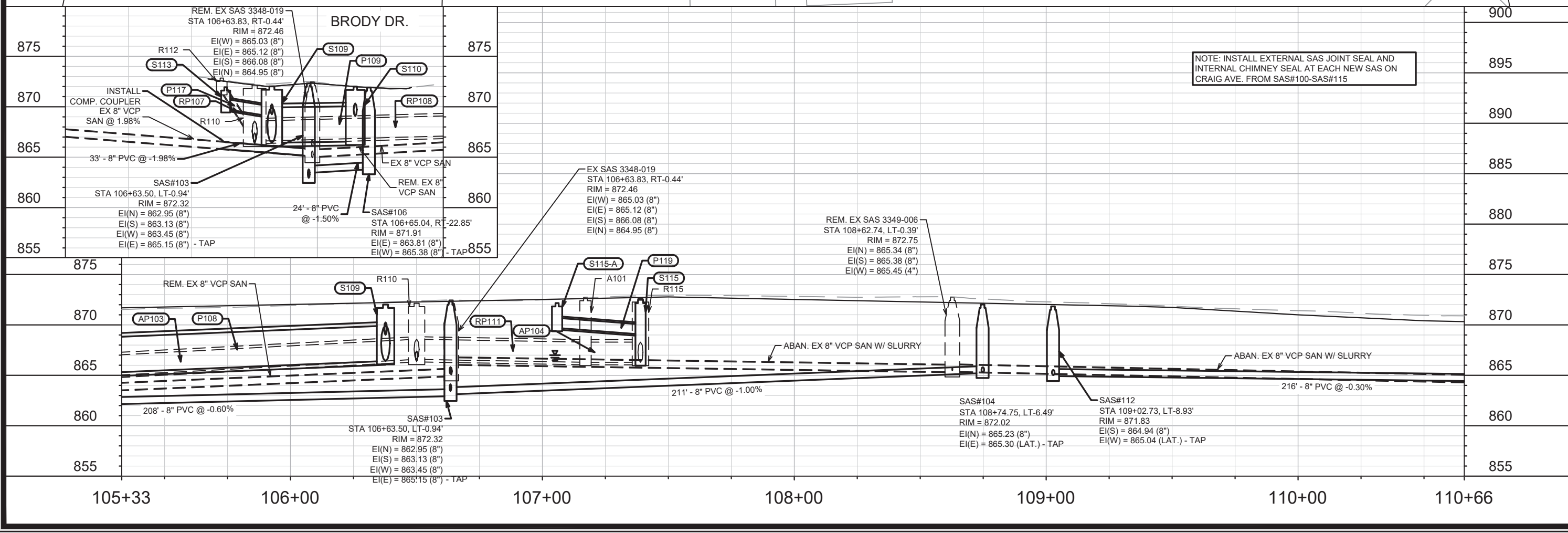
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MARK	REVISION	DATE	BY
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CONTRACTOR SHALL REM. & REP. SIDEWALK (MAX 4 SW SQUARES) AND CURB (MAX 20 LF) NEEDED TO REPLACE LATS  
 CONTRACTOR SHALL INSTALL 8 L.F. OF INSULATION AT ALL STM CROSSINGS OF WATER MAIN OR LATERALS



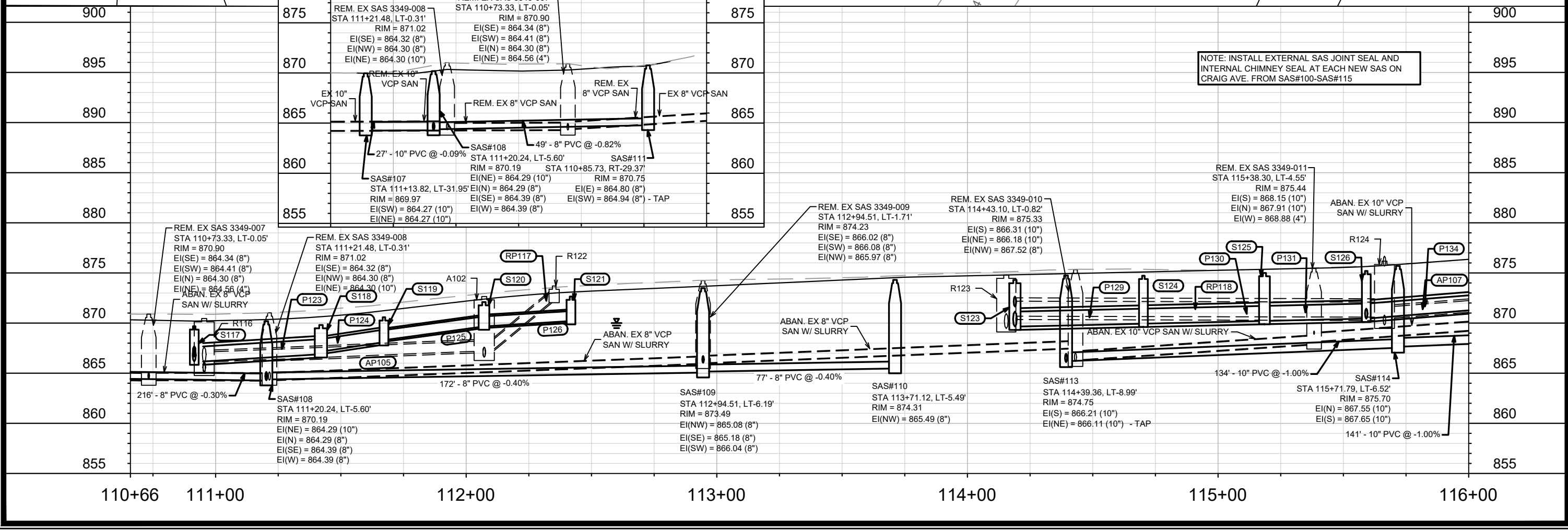
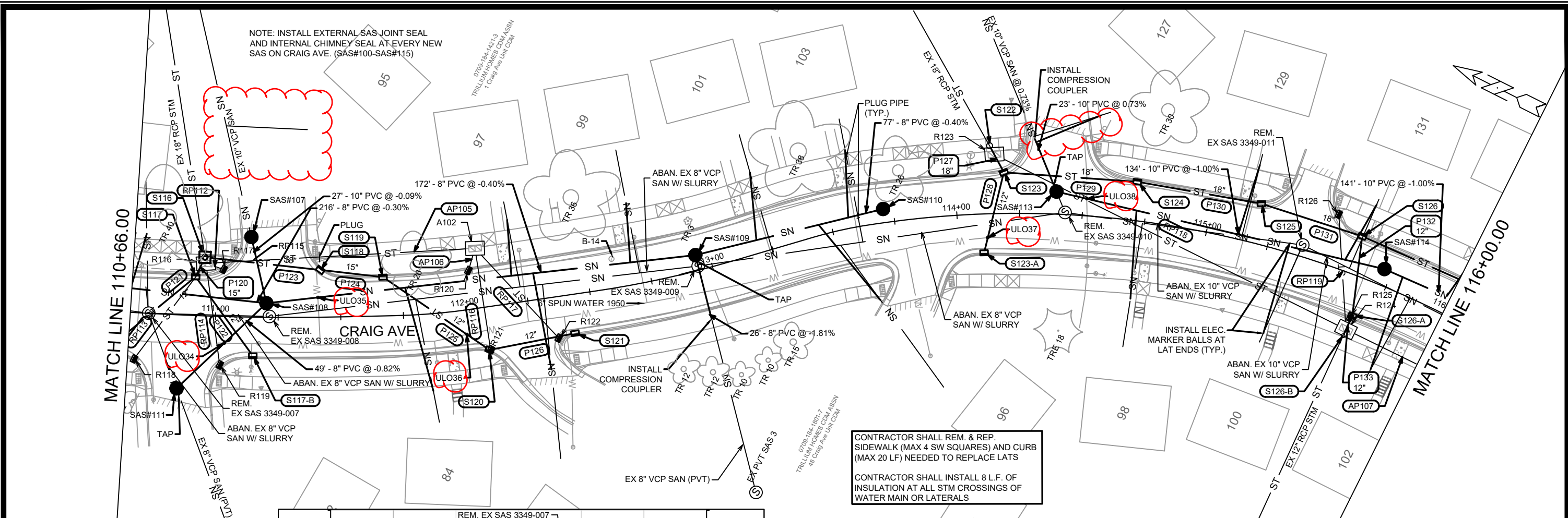
NOTE: INSTALL EXTERNAL SAS JOINT SEAL AND INTERNAL CHIMNEY SEAL AT EACH NEW SAS ON CRAIG AVE. FROM SAS#100-SAS#115

MARK	REVISION	DATE	BY
1	REPRINTED TO SHOW ALL SAN NOTES	4/14/22	MAA
2	DESIGNED BY	4/27/2023	11:55 AM
3	SCALE	1" = 40'	U-15

13175  
 MADISON, WI  
 CONTRACT NO.: 8650

UTILITY PLAN & PROFILE - CRAIG AVENUE  
 OLD MIDDLETON RD & CRAIG AVE RESURFACING  
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13175  
MADISON, WI  
CONTRACT NO.: 8650

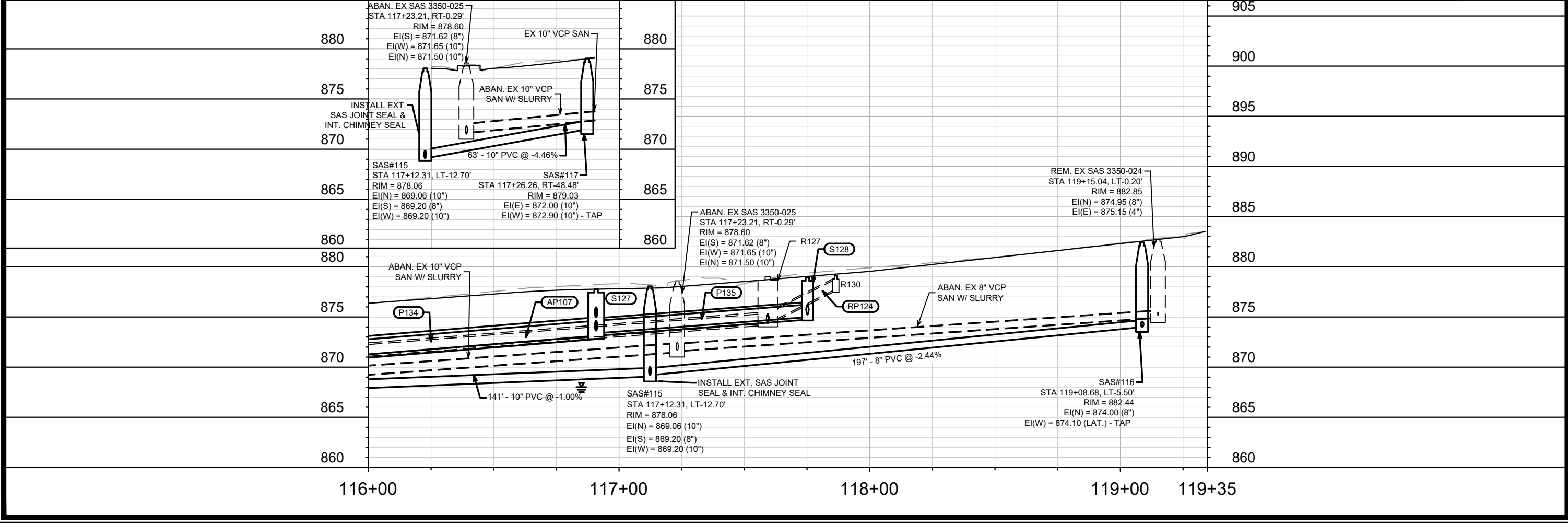
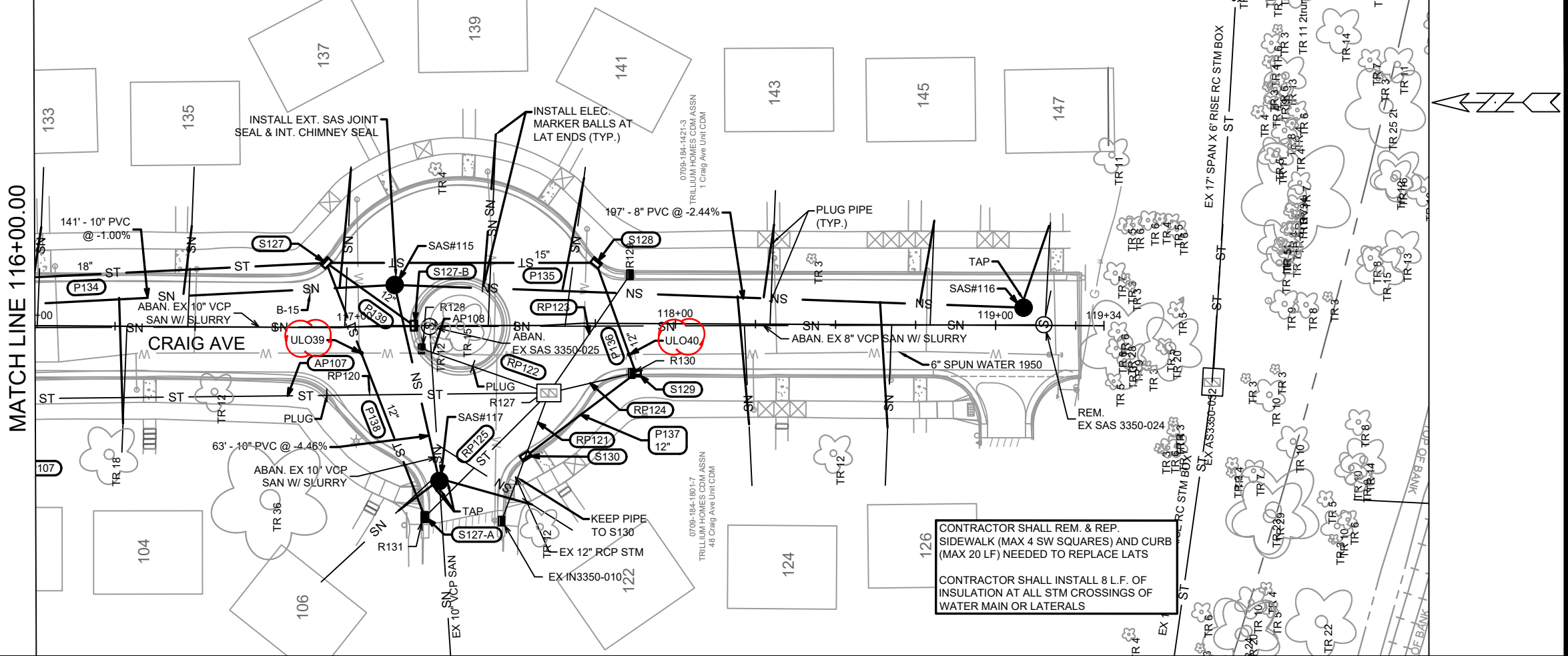
UTILITY PLAN & PROFILE - CRAIG AVENUE  
OLD MIDDLETON RD & CRAIG AVE RESURFACING

13175  
U-16

REPRINTED TO SHOW ALL SAN NOTES 4/14/22 MAA  
DATE BY  
REVISION  
Scale: 1" = 40'  
Designed By: MAA Date: 4/27/2023 10:34 AM  
13175 U-16



MATCHLINE 116+00.00



MARK	REVISION	DATE	BY
1	REPRINTED TO SHOW ALL SAN NOTES	4/14/22	MAA
2	DESIGNED BY: MAA	DATE: 4/27/2023 11:57 AM	Scale: 1" = 40'
3	13175		U-17

13175  
MADISON, WI  
CONTRACT NO: 8650

UTILITY PLAN & PROFILE - CRAIG AVENUE  
OLD MIDDLETON RD & CRAIG AVE RESURFACING  
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13175  
U-17

# SANITARY SEWER SCHEDULE

## PROPOSED SANITARY STRUCTURES

SAS NO.	STATION	LOCATION (OFFSET)	TOP OF CASTING	E.I.	DEPTH	NOTES
<b>OLD MIDDLETON RD</b>						
SAS#1	1+95.98	LT-9.31	918.79	909.70	9.09	[2]
SAS#2	4+61.39	LT-9.04	922.67	912.46	10.21	[2]; [5]; 5' DIA. SAS
SAS#3	5+77.47	LT-9.10	927.64	913.72	13.92	[2]; [5]; 5' DIA. SAS
SAS#4	7+65.64	LT-9.57	938.94	927.00	11.94	-
SAS#5	1+86.35	RT-28.43	918.12	910.01	8.11	[2]
SAS#6	32+53.06	RT-110.14	907.47	898.74	8.73	-
SAS#7	32+37.73	RT-13.35	911.07	901.63	9.44	-
SAS#8	30+86.12	RT-21.06	912.65	902.49	10.16	-
SAS#9	29+95.78	RT-15.46	914.10	903.05	11.05	-
SAS#10	25+98.33	RT-5.47	916.84	905.14	11.70	[1]
SAS#11	24+19.28	RT-4.16	917.88	906.14	11.74	[2]; [5]; 5' DIA. SAS
SAS#12	22+96.52	RT-5.06	919.38	906.86	12.52	[2]
SAS#13	20+85.43	RT-5.54	922.72	908.01	14.71	[2]; [5]; 5' DIA. SAS
SAS#14	16+34.54	RT-2.42	931.94	918.00	13.94	[2]
SAS#15	15+55.38	RT-3.15	933.95	923.00	10.95	-
SAS#16	13+71.29	RT-5.34	941.96	932.00	9.96	[2]
SAS#17	30+49.44	RT-54.47	912.77	905.14	7.63	[2]
SAS#18	26+13.17	LT-36.31	916.41	907.20	9.21	[1]; [2]
SAS#19	20+85.59	RT-40.33	922.98	914.00	8.98	[2]; [5]; 5' DIA. SAS
SAS#20	37+92.24	RT-157.71	901.20	892.13	9.07	[2]
SAS#21	37+93.60	RT-11.64	910.99	895.00	15.99	[2]; [5]; 5' DIA. SAS
SAS#22	36+13.43	RT-10.70	911.46	895.83	15.63	-
SAS#23	34+77.96	RT-11.31	910.71	896.48	14.23	[1]; [2]
SAS#24	39+21.02	RT-9.70	910.32	895.61	14.71	[2]
SAS#25	45+31.90	RT-43.69	898.14	887.24	10.90	[1]; [2]; 5' DIA. SAS
SAS#26	46+06.63	LT-9.07	897.92	887.84	10.08	[1]; [8]
SAS#27	47+18.45	LT-8.90	898.54	890.18	8.36	[2]
SAS#28	49+84.55	LT-10.12	903.99	895.62	8.37	[2]
SAS#29	53+47.24	LT-6.46	919.22	910.24	8.98	[2]
SAS#30	55+46.89	RT-0.27	922.45	911.34	11.11	-
SAS#31	57+68.88	LT-0.94	920.32	912.55	7.77	-

## SANITARY STRUCTURE ADJUSTMENTS

SAS NO.	STATION	LOCATION (OFFSET)	EX. TOC ELEV.	PROP. ELEV.	ADJUST DIFF.	NOTES
<b>OLD MIDDLETON RD.</b>						
EX SAS3147-011	7+85.95	LT-83.54	940.46	940.46	0.00	[2]; [3]
EX SAS3148-009	20+88.44	LT-14.30	922.32	922.27	-0.06	[2]; [3]
EX SAS3250-002	32+44.22	LT-41.49	910.99	910.99	0.00	[2]; [3]
EX SAS3250-011	37+86.10	RT-167.21	900.50	900.50	0.00	[2]; [3]
EX SAS3350-018	45+15.88	RT-7.53	898.02	897.71	-0.31	TWO CASTINGS
EX SAS3350-013	53+53.88	LT-10.89	919.41	919.41	0.00	-
EX SAS3350-029	53+55.28	RT-41.43	919.71	919.71	0.00	[2]; [3]
EX SAS3350-017	55+46.30	LT-11.38	922.30	922.38	0.08	-
EX SAS3450-010	58+13.25	LT-16.76	919.37	919.37	0.00	-
EX SAS3450-008	61+71.00	LT-22.29	916.48	916.60	0.12	-

## SPECIFIC NOTES:

- [1] INSTALL INTERNAL CHIMNEY SEAL
- [2] EXISTING MAIN CONNECTIONS SHALL BE FIELD CORED AND COMPENSATED UNDER BID ITEM 50791 SANITARY SEWER TAP
- [3] RECONSTRUCT BENCH FLOWLINES
- [4] INSTALL EXTERNAL SEWER ACCESS STRUCTURE JOINT SEAL
- [5] USE INSIDE DROP AT INCOMING PIPE
- [6] DO NOT USE RISERS ON LATERALS
- [7] USE UTILITY PATCH TYPE III ON THIS RUN OF SEWER OUTSIDE OF STREET PAVING LIMITS MARKED ON PLANS
- [8] ANGLE BETWEEN INCOMING AND OUTGOING PIPE IS 144.4°

## PROPOSED SANITARY PIPES

FROM (DNSTM)	TO (UPSTM)	DWNSTRM E.I.	UPSTRM E.I.	PLAN LGTH (FT)	SLOPE (%)	PIPE SIZE	PVC TYPE	NOTES
<b>OLD MIDDLETON RD</b>								
COUPLER	SAS#1	909.62	909.70	6	1.31%	8"	SDR-35	-
SAS#1	SAS#2	909.80	912.46	265	1.00%	8"	SDR-35	-
SAS#2	SAS#3	912.56	913.72	116	1.00%	8"	SDR-26	-
SAS#3	SAS#4	913.82	927.00	188	7.01%	8"	SDR-26	-
SAS#4	EX SAS3147-011	927.10	929.88	73	3.80%	8"	SDR-26	[7]
SAS#1	SAS#5	909.80	910.01	39	0.55%	8"	SDR-35	-
SAS#2	COUPLER	915.33	915.52	34	0.55%	8"	SDR-35	I.D. AT SAS#2
SAS#3	COUPLER	918.89	919.19	17	1.77%	8"	SDR-35	I.D. AT SAS#3
SAS#6	SAS#7	899.24	901.63	98	2.44%	8"	SDR-35	[7]
SAS#7	SAS#8	901.73	902.49	152	0.50%	8"	SDR-35	-
SAS#8	SAS#9	902.59	903.05	93	0.50%	8"	SDR-35	-
SAS#9	SAS#10	903.15	905.14	399	0.50%	8"	SDR-35	[6]
SAS#10	SAS#11	905.24	906.14	180	0.50%	8"	SDR-26	[6]
SAS#11	SAS#12	906.24	906.86	124	0.50%	8"	SDR-26	[6]
SAS#12	SAS#13	906.96	908.01	211	0.50%	8"	SDR-26	[6]
SAS#13	SAS#14	908.11	918.00	451	2.19%	8"	SDR-26	[6]
SAS#14	SAS#15	918.10	923.00	78	6.29%	8"	SDR-26	[6]
SAS#15	SAS#16	923.10	932.00	183	4.86%	8"	SDR-35	[6]
SAS#7	EX SAS3250-002	901.73	903.84	42	5.00%	8"	SDR-35	-
SAS#8	SAS#17	902.59	905.14	51	5.00%	8"	SDR-35	-
SAS#10	SAS#18	905.24	907.20	44	4.43%	8"	SDR-35	-
SAS#11	COUPLER	910.38	911.41	27	3.87%	8"	SDR-35	I.D. AT SAS#11
SAS#13	SAS#19	912.08	914.00	35	5.50%	8"	SDR-35	I.D. AT SAS#13 & SAS#19
SAS#13	EX SAS3148-009	908.11	909.55	17	8.28%	8"	SDR-26	-
EX SAS3250-011	SAS#20	892.00	892.13	13	1.00%	8"	SDR-35	[7]
SAS#20	SAS#21	892.23	895.00	146	1.90%	8"	SDR-26	[6]; [7]; I.D. AT SAS#21
SAS#21	SAS#22	895.10	895.83	182	0.40%	8"	SDR-26	[6]
SAS#22	SAS#23	895.93	896.48	139	0.40%	8"	SDR-26	[6]
SAS#21	SAS#24	895.10	895.61	127	0.40%	8"	SDR-26	[6]
SAS#25	SAS#26	887.34	887.84	92	0.55%	12"	SDR-35	-
SAS#26	SAS#27	887.94	890.18	112	2.00%	10"	SDR-35	-
SAS#27	SAS#28	890.28	895.62	267	2.00%	10"	SDR-35	-
SAS#28	SAS#29	895.72	910.24	363	4.00%	10"	SDR-35	-
SAS#29	SAS#30	910.34	911.34	199	0.50%	8"	SDR-35	-
SAS#30	SAS#31	911.44	912.55	222	0.50%	8"	SDR-35	-
SAS#27	COUPLER	890.56	891.91	30	4.44%	8"	SDR-35	-
SAS#28	COUPLER	895.97	898.59	33	7.98%	8"	SDR-35	-
SAS#29	COUPLER	911.02	911.47	27	1.68%	8"	SDR-35	-
SAS#31	EX SAS3350-014	912.65	913.25	27	2.22%	8"	SDR-35	-

# SANITARY SEWER SCHEDULE

OLD MIDDLETON RD. & CRAIG AVE. RESURFACING	SHEET NO.
PROJECT NO. 13175	U-19
SANITARY SEWER SCHEDULE	
CITY OF MADISON	

## SANITARY STRUCTURE REMOVALS & ABANDONMENTS

SAS NO.	STATION	LOCATION (OFFSET)	TOP OF CASTING	E.I.	DEPTH	NOTES
<b>OLD MIDDLETON RD.</b>						
EX SAS3146-007	1+95.24	LT-12.31	918.86	909.53	9.33	-
EX SAS3147-005	3+75.79	LT-11.64	920.65	913.18	7.47	-
EX SAS3147-006	4+61.38	LT-12.06	922.53	913.99	8.54	-
EX SAS3147-007	5+7.58	LT-12.08	927.58	915.18	12.40	-
EX SAS3147-008	7+37.18	LT-12.60	936.79	927.55	9.24	-
EX SAS3148-004	14+12.95	RT-3.97	939.94	931.22	8.72	-
EX SAS3148-005	15+12.50	LT-2.18	935.94	928.75	7.19	-
EX SAS3148-006	16+32.94	RT-7.49	932.01	925.86	6.15	-
EX SAS3149-002	24+22.97	RT-27.14	917.51	911.22	6.29	-
EX SAS3149-003	24+91.52	RT-26.11	917.70	907.18	10.52	-
EX SAS3149-007	25+91.60	RT-24.43	917.58	906.64	10.94	ABANDON
EX SAS3149-008	28+87.23	RT-26.04	916.26	905.24	11.02	-
EX SAS3150-018	30+80.81	RT-18.84	912.57	903.41	9.16	-
EX SAS3250-004	31+82.31	RT-31.97	911.28	902.21	9.07	-
EX SAS3350-005	45+32.17	RT-43.69	898.11	887.24	10.87	-
EX SAS3350-004	45+84.37	RT-21.86	897.82	887.78	10.04	ABANDON
EX SAS3350-003	47+19.26	RT-18.47	898.27	891.78	6.49	-
EX SAS3350-011	49+85.87	RT-10.44	904.22	896.91	7.31	ABANDON
EX SAS3350-030	53+51.62	RT-17.17	919.14	911.47	7.67	-
EX SAS3350-016	55+48.36	RT-26.61	920.54	912.75	7.79	ABANDON
EX SAS3350-015	57+16.17	RT-20.91	922.57	913.18	9.39	ABANDON

## SANITARY PIPE REMOVALS & ABANDONMENTS

REMOVE FROM	REMOVE TO	PLAN LGTH (FT)	PIPE SIZE	PIPE TYPE	PAID (Y/N)	PAY LGTH	NOTES
<b>OLD MIDDLETON RD.</b>							
COUPLER	EX SAS3146-007		1 8"	VCP	N	-	-
EX SAS3146-007	SAS#5		42 8"	VCP	N	-	-
EX SAS3146-007	EX SAS3147-005		181 8"	VCP	N	-	-
EX SAS3147-005	EX SAS3147-006		86 8"	VCP	N	-	-
EX SAS3147-006	EX SAS3147-007		116 8"	VCP	N	-	-
EX SAS3147-006	COUPLER		34 8"	VCP	N	-	-
EX SAS3147-007	EX SAS3147-008		159 8"	VCP	N	-	-
EX SAS3147-007	COUPLER		11 8"	VCP	N	-	-
EX SAS3147-008	EX SAS3147-011		85 8"	VCP	Y	85	ABANDON W/ SLURRY
SAS#6	EX SAS3250-004		106 8"	VCP	Y	106	ABANDON W/ SLURRY
EX SAS3250-004	EX SAS3250-003		64 8"	VCP	Y	64	ABANDON W/ SLURRY
EX SAS3250-003	EX SAS3250-002		47 8"	VCP	Y	47	ABANDON W/ PLUGS
EX SAS3250-004	EX SAS3150-018		102 8"	VCP	Y	102	ABANDON W/ SLURRY
EX SAS3150-018	SAS#17		42 8"	VCP	N	-	-
EX SAS3150-018	SAS#9		87 8"	VCP	N	-	-
SAS#9	EX SAS3149-008		112 8"	VCP	Y	112	ABANDON W/ SLURRY
EX SAS3149-008	EX SAS3149-007		296 8"	VCP	Y	296	ABANDON W/ PLUGS
EX SAS3149-007	EX SAS3149-003		102 8"	VCP	Y	102	ABANDON W/ PLUGS
EX SAS3149-007	SAS#10		20 8"	VCP	Y	20	ABANDON W/ SLURRY
SAS#10	SAS#18		50 8"	VCP	N	-	-
EX SAS3149-003	EX SAS3149-002		75 8"	VCP	Y	75	ABANDON W/ PLUGS
EX SAS3149-003	EX SAS3148-009		410 8"	VCP	Y	410	ABANDON W/ SLURRY
EX SAS3148-009	SAS#19		48 8"	VCP	N	-	-
SAS#14	EX SAS3148-006		5 8"	VCP	N	-	-
EX SAS3148-006	EX SAS3148-005		119 8"	VCP	Y	119	ABANDON W/ SLURRY
EX SAS3148-005	EX SAS3148-004		99 8"	VCP	Y	99	ABANDON W/ SLURRY
EX SAS3250-011	SAS#20		18 8"	VCP	N	-	-
EX SAS3250-011	SAS#21		158 8"	VCP	Y	158	ABANDON W/ SLURRY
EX SAS3350-018	EX SAS3350-005		40 21"	VCP	N	-	-
EX SAS3350-005	EX SAS3350-004		57 12"	VCP	Y	57	ABANDON W/ PLUGS
EX SAS3350-004	EX SAS3350-003		135 10"	VCP	Y	135	ABANDON W/ SLURRY
EX SAS3350-003	EX SAS3350-011		266 10"	VCP	Y	266	ABANDON W/ SLURRY
EX SAS3350-011	EX SAS3350-030		365 10"	VCP	Y	365	ABANDON W/ SLURRY
EX SAS3350-030	EX SAS3350-016		199 6"	VCP	Y	199	ABANDON W/ SLURRY
EX SAS3350-017	EX SAS3350-016		38 8"	VCP	Y	38	ABANDON W/ SLURRY
EX SAS3350-016	EX SAS3350-015		170 8"	VCP	Y	170	ABANDON W/ SLURRY
EX SAS3350-015	EX SAS3350-014		67 8"	VCP	Y	67	ABANDON W/ SLURRY

### SPECIFIC NOTES:



# SANITARY SEWER SCHEDULE

\*4/29/22 REVISION: FORCE MAIN LAYOUT UPDATED TO RESOLVE CONFLICTS

OLD MIDDLETON RD. & CRAIG AVE. RESURFACING PROJECT NO. 13175	SHEET NO. U-20
SANITARY SEWER SCHEDULE	
CITY OF MADISON	

## PROPOSED SANITARY FORCE MAIN BENDS

SAS NO.	STATION	LOCATION (OFFSET)	BEND OR PIPE DEFLECTION ANGLE	E.I.	NOTES
<b>OLD MIDDLETON RD</b>					
* FMB#1	42+72.07	RT-61.97	18" - 45°	885.60	[2]; [3]
* FMB#2	43+34.04	LT-5.93	18" - 45°	885.74	[2]; [4]
* FMB#3	45+52.53	LT-14.76	18" - 2.0°	889.01	[2]; [4]
* FMB#4	48+92.21	LT-13.78	18" - 2.0°	894.11	[2]; [4]
* FMB#5	49+53.66	LT-14.51	18" - 2.0°	895.04	[2]; [4]
* FMB#6	49+77.43	LT-14.56	18" - 2.0°	896.09	[2]; [4]
* FMB#7	49+91.67	LT-14.25	18" - 2.0°	896.72	[2]; [4]
* FMB#8	50+84.53	LT-11.97	18" - 1.63°	900.82	[2]; [4]
EX SAS3350-013	53+53.83	LT-10.86	-	912.60	-

## PROPOSED SANITARY FORCE MAIN PIPES

FROM (DNSTM)	TO (UPSTM)	START E.I.	END E.I.	PLAN LGTH (FT)	SLOPE (%)	PIPE SIZE	PVC TYPE	NOTES
<b>OLD MIDDLETON RD</b>								
* FMB#1	FMB#2	885.60	885.74	92	0.15%	18"	C900 DR-18	[5]; [6]
* FMB#2	FMB#3	885.74	889.01	218	1.50%	18"	C900 DR-18	[5]; [6]
* FMB#3	FMB#4	889.01	894.11	340	1.50%	18"	C900 DR-18	[5]; [6]
* FMB#4	FMB#5	894.11	895.04	62	1.50%	18"	C900 DR-18	[5]; [6]
* FMB#5	FMB#6	895.04	896.09	24	4.38%	18"	C900 DR-18	[5]; [6]
* FMB#6	FMB#7	896.09	896.72	14	4.38%	18"	C900 DR-18	[5]; [6]
* FMB#7	FMB#8	896.72	900.82	94	4.38%	18"	C900 DR-18	[5]; [6]
* FMB#8	EX SAS3350-013	900.82	912.60	269	4.38%	18"	C900 DR-18	[5]; [6]

## SANITARY FORCE MAIN PIPE REMOVALS & ABANDONMENTS

REMOVE FROM	REMOVE TO	PLAN LGTH (FT)	PIPE SIZE	PIPE TYPE	PAID (Y/N)	PAY LGTH	NOTES
<b>OLD MIDDLETON RD</b>							
* FMB#1	EX BEND1	5	18"	CI	N	-	-
EX BEND1	EX BEND2	248	18"	CI	Y	248	ABANDON W/ SLURRY
EX BEND2	EX BEND3	80	18"	CI	Y	80	ABANDON W/ SLURRY
EX BEND3	EX BEND4	160	18"	CI	Y	160	ABANDON W/ SLURRY
EX BEND4	EX BEND5	18	18"	CI	Y	18	ABANDON W/ SLURRY
EX BEND5	EX BEND6	50	18"	CI	Y	50	ABANDON W/ SLURRY
EX BEND6	EX BEND7	152	18"	CI	Y	152	ABANDON W/ SLURRY
EX BEND7	EX BEND8	123	18"	CI	Y	123	ABANDON W/ SLURRY
EX BEND8	EX SAS3350-013	260	18"	CI	Y	160	REMOVE 100' FROM EAST END OF PIPE, STARTING AT EX SAS3350-013

## SPECIFIC NOTES:

- [1] (NOTE REMOVED)
- [2] FITTINGS SHALL BE DUCTILE IRON MECHANICAL JOINTS, IN ACCORDANCE WITH THE BID ITEM FOR THIS WORK; USE MEGALUG FITTINGS AT BENDS
- [3] POINT BEND/DEFLECTION LEFT (WHEN LOOKING UPSTATION ON STREET)
- [4] POINT BEND/DEFLECTION RIGHT (WHEN LOOKING UPSTATION ON STREET)
- [5] INSTALL ELECTRONIC MARKER BALLS ABOVE FORCE MAIN AT A MAXIMUM INCREMENT OF 25 FT AND AT ALL HORIZONTAL BENDS IN THE FORCE MAIN PIPE
- [6] SET PIPE SLOPE USING VERTICAL PIPE DEFLECTION AT THE STARTING JOINT FOR THE PIPE

# SANITARY SEWER SCHEDULE

4/14/22 REVISION: UPDATED NOTES AND STA/OFFSETS TO MATCH SHEETS

OLD MIDDLETON RD. & CRAIG AVE. RESURFACING	SHEET NO.
PROJECT NO. 13175	U-21
SANITARY SEWER SCHEDULE	
CITY OF MADISON	

## PROPOSED SANITARY STRUCTURES

SAS NO.	STATION	LOCATION (OFFSET)	TOP OF CASTING	E.I.	DEPTH	NOTES
<b>CRAIG AVE.</b>						
SAS#100	101+86.89	LT-5.68	869.34	859.90	9.44	[1]; [2]; [4]
SAS#101	<b>103+20.77</b>	<b>CL</b>	870.46	860.70	9.76	[1]; [4]
SAS#102	<b>104+55.24</b>	<b>CL</b>	871.25	861.60	9.65	[1]; [4]
SAS#103	<b>106+63.50</b>	<b>LT-0.94</b>	872.32	862.95	9.37	[1]; [2]; [4]
SAS#104	108+74.75	LT-6.49	872.02	<b>865.23</b>	6.79	[1]; [2]; [4]
SAS#105	<b>101+78.82</b>	<b>RT-26.98</b>	<b>869.50</b>	860.24	9.26	[1]; [2]; [4]
SAS#106	106+65.04	RT-22.85	871.91	863.81	8.10	[1]; [2]; [4]
SAS#107	111+13.82	LT-31.95	869.97	864.27	5.70	[1]; [2]; [4]
SAS#108	111+20.24	LT-5.60	870.19	864.29	5.90	[1]; [4]
SAS#109	112+94.51	LT-6.19	<b>873.49</b>	865.08	8.41	[1]; [2]; [4]
SAS#110	113+71.12	LT-5.49	<b>874.31</b>	865.49	8.82	[1]; [4]
SAS#111	110+85.73	RT-29.37	<b>870.75</b>	864.80	5.95	[1]; [2]; [4]
SAS#112	109+02.73	LT-8.93	871.83	864.94	6.89	[1]; [2]; [4]
SAS#113	114+39.36	LT-8.99	874.75	866.21	8.54	[1]; [2]; [4]
SAS#114	115+71.79	LT-6.52	<b>875.70</b>	867.55	8.15	[1]; [4]
SAS#115	117+12.31	<b>LT-12.70</b>	878.06	869.06	9.00	[1]; [4]
SAS#116	119+08.68	LT-5.50	882.44	874.00	8.44	[2]
SAS#117	<b>117+26.26</b>	<b>RT-48.48</b>	879.03	872.00	7.03	[2]

## PROPOSED SANITARY PIPES

FROM (DNSTM)	TO (UPSTM)	DWNSTRM E.I.	UPSTRM E.I.	PLAN LGTH (FT)	SLOPE (%)	PIPE SIZE	PVC TYPE	NOTES
<b>CRAIG AVE.</b>								
COUPLER	SAS#100	859.72	859.80	24	0.31%	8"	SDR-35	-
SAS#100	SAS#101	859.90	860.70	133	0.60%	8"	SDR-35	-
SAS#101	SAS#102	860.80	861.60	134	0.60%	8"	SDR-35	-
SAS#102	SAS#103	861.70	862.95	208	0.60%	8"	SDR-35	-
SAS#103	SAS#104	863.13	865.23	211	1.00%	8"	SDR-35	-
SAS#100	SAS#105	859.90	860.24	34	1.00%	8"	SDR-35	-
SAS#103	SAS#106	863.45	863.81	24	1.50%	8"	SDR-35	-
SAS#103	COUPLER	865.15	865.80	33	1.98%	8"	SDR-35	-
SAS#107	SAS#108	864.27	864.29	27	0.09%	10"	SDR-35	-
SAS#108	SAS#109	864.39	865.08	172	0.40%	8"	SDR-35	-
SAS#109	SAS#110	865.18	865.49	77	0.40%	8"	SDR-35	-
SAS#108	SAS#111	864.39	864.80	50	0.82%	8"	SDR-35	-
SAS#108	SAS#112	864.29	864.94	216	0.30%	8"	SDR-35	-
SAS#109	COUPLER	866.04	866.52	26	1.81%	8"	SDR-35	-
COUPLER	SAS#113	865.95	866.11	23	0.73%	10"	SDR-35	-
SAS#113	SAS#114	866.21	867.55	134	1.00%	10"	SDR-35	-
SAS#114	SAS#115	867.65	869.06	141	1.00%	10"	SDR-35	-
SAS#115	SAS#116	869.20	874.00	197	2.44%	8"	SDR-35	-
SAS#115	SAS#117	869.20	872.00	63	4.43%	10"	SDR-35	-

### SPECIFIC NOTES:

- [1] INSTALL INTERNAL CHIMNEY SEAL
- [2] EXISTING MAIN CONNECTIONS SHALL BE FIELD CORED AND COMPENSATED UNDER BID ITEM 50791 SANITARY SEWER TAP
- [3] RECONSTRUCT BENCH FLOWLINES
- [4] INSTALL EXTERNAL SEWER ACCESS STRUCTURE JOINT SEAL
- [5] USE INSIDE DROP AT INCOMING PIPE

# SANITARY SEWER SCHEDULE

OLD MIDDLETON RD. & CRAIG AVE. RESURFACING	SHEET NO.
PROJECT NO. 13175	U-22
SANITARY SEWER SCHEDULE	
CITY OF MADISON	

## SANITARY STRUCTURE REMOVALS & ABANDONMENTS

SAS NO.	STATION	LOCATION (OFFSET)	TOP OF CASTING	E.I.	DEPTH	NOTES
<b>CRAIG AVE.</b>						
EX SAS3348-017	101+86.89	LT-4.39	869.16	859.80	9.36	-
EX SAS3348-018	104+12.65	RT-0.15	870.90	862.14	8.76	-
EX SAS3348-019	106+63.83	RT-0.44	872.46	864.95	7.51	-
EX SAS3349-006	108+62.74	LT-0.39	872.75	865.34	7.41	-
EX SAS3349-007	111+21.48	LT-0.31	870.90	864.30	6.60	-
EX SAS3349-008	111+21.48	LT-0.31	871.02	864.30	6.72	-
EX SAS3349-009	112+94.51	LT-1.71	874.23	865.97	8.26	-
EX SAS3349-010	114+43.10	LT-0.82	875.33	866.18	9.15	-
EX SAS3349-011	115+38.30	LT-4.55	875.44	867.91	7.53	-
EX SAS3350-025	117+23.21	RT-0.29	878.60	871.50	7.10	ABANDON
EX SAS3350-024	119+15.04	LT-0.20	882.85	874.95	7.90	-

## SANITARY PIPE REMOVALS & ABANDONMENTS

REMOVE FROM	REMOVE TO	PLAN LGTH (FT)	PIPE SIZE	PIPE TYPE	PAID (Y/N)	PAY LGTH	NOTES
<b>CRAIG AVE.</b>							
EX SAS3348-017	SAS#105		33 8"	VCP	N	-	-
COUPLER	EX SAS3348-017		25 8"	VCP	N	-	-
EX SAS3348-017	EX SAS3348-018	222 8"		VCP	Y	222	ABANDON W/ SLURRY
EX SAS3348-018	EX SAS3348-019	250 8"		VCP	Y	125	-
EX SAS3348-019	SAS#106		22 8"	VCP	N	-	-
EX SAS3348-019	SAS#103		2 8"	VCP	N	-	-
SAS#107	EX SAS3349-008		33 10"	VCP	N	-	-
EX SAS3349-008	EX SAS3349-007	48 8"		VCP	Y	48	ABANDON W/ SLURRY
EX SAS3349-007	SAS#111		32 8"	VCP	Y	32	ABANDON W/ SLURRY
EX SAS3349-007	EX SAS3349-006	210 8"		VCP	Y	210	ABANDON W/ SLURRY
EX SAS3349-006	EX SAS3348-019	199 8"		VCP	Y	199	ABANDON W/ SLURRY
EX SAS3349-008	EX SAS3349-009	172 8"		VCP	Y	172	ABANDON W/ SLURRY
EX SAS3349-009	EX SAS3349-010	148 8"		VCP	Y	148	ABANDON W/ SLURRY
EX SAS3349-009	COUPLER		19 8"	VCP	N	-	-
SAS#112	EX SAS3349-010		23 8"	VCP	Y	23	ABANDON W/ SLURRY
EX SAS3349-010	EX SAS3349-011		96 10"	VCP	Y	96	ABANDON W/ SLURRY
EX SAS3349-011	EX SAS3350-025		185 10"	VCP	Y	185	ABANDON W/ SLURRY
EX SAS3350-025	EX SAS3350-024		192 8"	VCP	Y	192	ABANDON W/ SLURRY
EX SAS3350-025	SAS#116		48 10"	VCP	Y	48	ABANDON W/ SLURRY

### SPECIFIC NOTES:



# STORM SEWER SCHEDULE

4/14/22 REVISION: REVISED STORM SEWER DESIGN TO AVOID HP GAS CONFLICTS

# 5/27/22 REVISION: RESOLVED CONFLICTS BASED ON ULO ELEVATIONS

OLD MIDDLETON RD. & CRAIG AVE. RESURFACING	SHEET NO.
PROJECT NO. 13175	U-23
STORM SEWER SCHEDULE	
CITY OF MADISON	

## PROPOSED STORM STRUCTURES

STRUC. NO.	STATION	LOCATION (OFFSET)	TYPE	TOP OF CASTING	E.I.	DEPTH	NOTES
<b>OLD MIDDLETON RD</b>							
S1	1+63.11	RT-21.51	COLLAR	-	911.30	-	REMOVE EX. PLUG
S2	1+95.67	RT-21.37	3X3 AS	918.27	911.61	6.66	w/ R-1550-0054
S3	2+05.49	LT-24.65	H INLET	919.47	916.97	2.50	FP; w/ R-3067-7004-V
S4	2+12.53	LT-20.84	H INLET	919.52	917.02	2.50	FP; w/ R-3067-7004-V
S5	2+41.20	RT-19.40	H INLET	919.36	916.36	3.00	w/ R-3067-7004-V
S6	2+16.00	RT-38.00	H INLET	919.30	916.30	3.00	w/ R-3067-7004-V
S7	32+14.94	RT-124.90	6X6 AS	907.47	898.30	9.17	[4]; w/ R-1550-0054
S7-A	32+39.23	RT-157.01	6X6 AS	905.50	896.70	8.80	[3]; [4]; w/ R-1550 HYDROVENT
S7-B	32+29.39	RT-161.28	H INLET	905.50	902.50	3.00	w/ R-3067-7004-V
S7-C	32+40.61	RT-141.92	H INLET	906.00	903.00	3.00	w/ R-3067-7004-V
S8	31+55.19	RT-37.55	6X6 AS	911.68	905.20	6.48	w/ R-3067-7004-V
S9	30+63.56	RT-29.34	6X6 AS	912.67	903.23	9.44	[4]; w/ R-1550-0054
S9-A	30+55.78	RT-57.04	H INLET	912.61	909.61	3.00	w/ R-3067-7004-V
S10	30+18.46	RT-4.81	5X5 AS	913.74	906.80	6.94	FP; w/ R-1550-0054
S10-A	30+08.25	RT-32.46	H INLET	913.89	910.89	3.00	w/ R-3067-7004-V
S11	29+50.24	LT-6.10	5X5 AS	914.66	907.55	7.11	w/ R-1550-0054
# S11-A	29+44.20	RT-24.38	3X3 AS	914.52	<b>910.66</b>	<b>3.86</b>	w/ R-3067-7004-V
# S11-B	29+39.33	RT-23.90	H INLET	914.59	<b>910.68</b>	<b>3.91</b>	LP; w/ R-3067-7004-VB
S11-C	<b>29+49.93</b>	LT-19.50	H INLET	<b>914.59</b>	<b>909.74</b>	<b>4.85</b>	<b>w/ R-3067-7004-V</b>
S11-D	<b>29+41.71</b>	LT-19.50	H INLET	<b>914.68</b>	<b>909.77</b>	<b>4.91</b>	<b>w/ R-3067-7004-V</b>
S12	26+39.15	LT-11.49	5X5 AS	916.74	909.80	6.94	w/ R-1550-0054
S12-A	26+30.04	RT-20.47	TERR. TYPE 3	916.77	912.39	4.38	<b>FP; PER SDD 5.7.12B</b>
S12-B	26+30.64	LT-46.10	6X6 AS	916.57	913.15	3.42	[2]; FP; LP; R-3067-7004-VB
S13	24+73.97	LT-10.39	5X5 AS	917.35	910.95	6.40	FP; w/ R-1550-0054
# S13-A	24+54.15	RT-19.58	TERR. TYPE 3	917.63	<b>913.10</b>	<b>4.53</b>	<b>FP; PER SDD 5.7.12B</b>
# S13-B	24+37.74	RT-36.11	TERR. TYPE 3	918.28	<b>913.80</b>	<b>4.48</b>	<b>FP; PER SDD 5.7.12B</b>
S14	23+91.39	LT-10.99	5X5 AS	917.89	911.50	6.39	FP; w/ R-1550-0054
# S14-A	23+88.19	RT-20.62	TERR. TYPE 3	918.12	914.12	4.00	<b>FP; LP; PER SDD 5.7.12B</b>
S15	23+83.43	LT-10.18	5X5 AS	919.42	914.10	5.32	FP; w/ R-1550-0054
S15-A	22+54.54	LT-41.89	H INLET	920.00	917.50	2.50	FP; w/ R-3067-7004-V
<b>S15-B</b>	<b>22+54.62</b>	<b>LT-49.40</b>	H INLET	<b>920.13</b>	<b>917.63</b>	2.50	FP; w/ R-3067-7004-V
<b>S15-C</b>	22+22.96	LT-42.49	H INLET	920.50	917.90	2.60	FP; LP; R-3067-7004-VB
S16	21+24.07	LT-8.99	5X5 AS	921.86	916.50	5.36	FP; w/ R-1550-0054
# S16-A	21+11.13	RT-24.37	TERR. TYPE 3	922.20	918.06	4.14	<b>[1]; FP; PER SDD 5.7.12B</b>
S16-B	20+72.84	RT-39.99	H INLET	923.52	920.00	3.52	w/ R-3067-7004-V
S16-C	20+50.21	RT-19.02	H INLET	923.46	920.46	3.00	LP; w/ R-3067-7004-VB
S17	18+92.30	LT-10.93	3X3 AS	926.41	922.20	4.21	FP; w/ R-1550-0054
S17-A	18+72.93	RT-19.03	H INLET	927.06	923.80	3.26	w/ R-3067-7004-V
S17-B	18+64.94	RT-18.99	H INLET	927.21	924.21	3.00	w/ R-3067-7004-V
S17-C	18+87.47	LT-19.49	H INLET	926.67	<b>923.65</b>	<b>3.02</b>	FP; w/ R-3067-7004-V

## PROPOSED STORM PIPES

PIPE NO.	FROM (DISCH.)	TO (INLET)	DISCH. E.I.	INLET E.I.	PLAN (PAY) LGTH (FT)	PIPE LGTH (FT)	SLOPE (%)	PIPE SIZE	PIPE TYPE	NOTES
<b>OLD MIDDLETON RD</b>										
P1	S1	S2	911.30	911.61	32.6	31.1	1.00%	24"	TYPE I	-
P2	S2	S3	915.27	916.97	47.1	44.5	3.82%	12"	TYPE I	-
P3	S3	S4	916.97	917.02	8.0	8.9	0.56%	12"	TYPE I	-
P4	S2	S5	915.27	916.36	45.6	42.6	2.56%	12"	TYPE I	[1]
P5	S2	S6	915.27	916.30	26.3	23.2	4.44%	12"	TYPE I	[1]
P6	S7-A	S7	899.70	901.30	40.6	35.3	4.53%	48"	TYPE II	-
P7	S7	S8	901.30	905.20	105.8	99.3	3.93%	48"	TYPE II	-
P8	S8	S9	905.20	906.23	92.6	85.8	1.20%	48"	TYPE I	-
P9	S9	S10	906.23	906.80	52.9	47.4	1.20%	48"	TYPE I	-
P10	S10	S11	906.80	907.55	69.0	64.0	1.17%	48"	TYPE I	[1]
P11	S11	S12	907.55	909.80	313.7	308.7	0.73%	48"	TYPE I	-
P12	S12	S13	909.80	910.95	161.2	156.3	0.74%	48"	TYPE I	[1]
P13	S13	S14	910.95	911.50	81.2	76.2	0.72%	48"	TYPE I	-
P14	S14	S15	912.50	914.10	108.8	103.9	1.54%	36"	TYPE I	[1]
P15	S15	S16	914.10	916.50	156.1	151.2	1.59%	36"	TYPE I	[1]
P16	S16	S17	917.50	922.20	231.8	227.9	2.06%	24"	TYPE I	[1]
P17	S17	S18	<b>922.95</b>	<b>927.46</b>	228.8	225.8	<b>2.00%</b>	<b>15"</b>	TYPE I	-
P18	S7-A	S7-B	902.40	902.50	10.7	6.5	1.54%	12"	TYPE I	-
P19	S7-A	S7-C	902.70	903.00	15.2	10.2	2.94%	12"	TYPE I	-
P20	S9	S9-A	909.40	909.61	27.9	23.1	0.91%	12"	TYPE I	-
P21	S10	S10-A	910.70	910.89	27.2	25.4	0.75%	12"	TYPE I	-
# P22	S11	S11-A	<b>910.43</b>	<b>910.66</b>	29.5	26.0	0.88%	15"	TYPE I	[1]
# P23	S11-A	S11-B	<b>910.66</b>	<b>910.68</b>	5.1	2.3	0.88%	15"	TYPE I	-
P24	S11	S11-C	<b>909.65</b>	<b>909.74</b>	<b>15.2</b>	<b>11.7</b>	<b>0.80%</b>	12"	TYPE I	-
P25	S11-C	S11-D	<b>909.74</b>	<b>909.77</b>	8.0	<b>5.0</b>	<b>0.50%</b>	12"	TYPE I	-
P26	S12	S12-A	911.80	912.39	31.3	27.4	2.16%	24"	TYPE I	-
P27	S12	S12-B	913.00	913.15	35.6	30.1	0.50%	18"	TYPE I	-
# P28	S13	S13-A	<b>912.45</b>	<b>913.10</b>	36.0	30.9	2.10%	30"	TYPE I	[1]
# P29	S13-A	S13-B	<b>913.35</b>	<b>913.80</b>	23.8	21.1	2.13%	24"	TYPE II	-
P30	S14	S14-A	913.50	914.12	31.8	27.7	2.24%	24"	TYPE I	[1]
<b>P31</b>	S15	S15-A	917.16	917.50	42.1	37.5	0.91%	<b>15"</b>	TYPE I	-
<b>P32</b>	<b>S15-A</b>	<b>S15-B</b>	<b>917.60</b>	<b>917.63</b>	<b>7.5</b>	<b>4.5</b>	<b>0.67%</b>	12"	TYPE I	-
P33	<b>S15-A</b>	<b>S15-C</b>	<b>917.75</b>	917.90	31.2	<b>29.2</b>	<b>0.50%</b>	12"	TYPE I	-
P34	S16	S16-A	917.25	918.06	35.8	32.0	2.53%	24"	TYPE I	[1]
P35	S16-A	S16-B	919.06	920.00	41.4	39.4	2.39%	15"	TYPE I	[1]
P36	S16-B	S16-C	920.25	920.46	30.9	27.9	0.75%	12"	TYPE II	-
P37	S17	S17-A	923.20	923.80	35.7	32.7	1.84%	15"	TYPE I	[1]
P38	S17-A	S17-B	924.05	924.21	8.0	5.0	3.20%	12"	TYPE I	-

### SPECIFIC NOTES:

- [1] CROSSES EXISTING WATER, USE WATER RELOCATE BID ITEM 70041, 90000, OR 90001 IF CONFLICT EXISTS
- [2] INSTALL 2H INLET CASTING
- [3] ANCHOR ROOF OF STRUCTURE WITH EXTERIOR WRAP OR BANDS AS DESCRIBED IN SPECIAL PROVISION FOR BID ITEM 90002
- [4] CONSTRUCT PER SDD 5.7.4; SUMP INVERT 3 FT BELOW INVERT OF OUTGOING 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
- ALL REINFORCED CONCRETE PIPES TO BE CLASS III UNLESS OTHERWISE NOTED.

- ALL FIELD Poured SAS STORM STRUCTURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE NEW STANDARD DETAIL DRAWING FOR 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 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.
- SURVEYOR TO CONFIRM THAT ALL INLET STATION / OFFSETS LINE UP WITH PROPOSED CURB AND GUTTER.

# STORM SEWER SCHEDULE

4/14/22 REVISION: REVISED STORM SEWER DESIGN TO AVOID HP GAS CONFLICTS

\*4/29/22 REVISION: REVISED STORM SEWER AT S27 BASED ON FIELD CONDITIONS

OLD MIDDLETON RD. & CRAIG AVE. RESURFACING	SHEET NO.
PROJECT NO. 13175	U-24
STORM SEWER SCHEDULE	
CITY OF MADISON	

## PROPOSED STORM STRUCTURES

STRUC. NO.	STATION	LOCATION (OFFSET)	TYPE	TOP OF CASTING	E.I.	DEPTH	NOTES
<b>OLD MIDDLETON RD</b>							
S17-D	18+79.46	LT-19.50	H INLET	926.82	923.69	3.13	FP; w/ R-3067-7004-V
S17-E	18+71.47	LT-19.50	H INLET	926.97	923.97	3.00	w/ R-3067-7004-V
S18	16+63.59	LT-11.78	3X3 AS	930.94	927.46	3.48	FP; w/ R-1550-0054
S18-A	16+49.16	RT-19.28	H INLET	931.55	928.55	3.00	w/ R-3067-7004-V
S18-B	16+40.04	RT-19.30	H INLET	931.72	928.72	3.00	w/ R-3067-7004-V
S19	31+14.60	RT-42.13	COLLAR	-	904.50	-	-
S20	32+14.92	RT-20.69	4X4 AS	911.48	904.55	6.93	w/ R-1550-0054
S20-A	32+04.76	RT-37.50	H INLET	911.53	908.53	3.00	w/ R-3067-7004-V
S21	33+41.76	RT-16.62	3X3 AS	910.77	907.06	3.71	FP; w/ R-1550-0054
S21-A	33+45.38	RT-47.25	3X3 AS	909.67	907.17	2.50	w/ R-1878-B7G
S22	37+76.90	RT-41.18	3X3 AS	909.80	899.10	10.70	w/ R-3067-7004-V
S22-A	37+70.46	LT-31.29	TAP	-	901.17	-	AT EX AS3250-029
S23	44+90.62	RT-46.89	TAP	-	895.00	-	AT EX AS3350-031
S24	43+86.69	RT-19.51	H INLET	898.70	895.53	3.17	FP; w/ R-3067-7004-V
S24-A	43+85.82	LT-19.50	H INLET	898.72	895.72	3.00	FP; w/ R-3067-7004-V
S25	44+92.72	RT-44.38	TAP	-	894.13	-	AT EX AS3350-031
S26	44+68.02	LT-19.50	H INLET	897.94	894.87	3.07	[2]; w/ R-3067-7004-V
* S27	45+44.85	RT-7.11	5X5 AS	897.97	890.75	7.22	w/ R-1550-0054
* S27-A	45+12.40	RT-20.59	TERR. TYPE 3	897.54	893.54	4.00	LP; FP; PER SDD 5.7.12B
* S27-B	45+12.49	LT-20.56	TERR. TYPE 3	897.54	893.54	4.00	LP; FP; PER SDD 5.7.12B
S28	46+11.90	LT-2.52	5X5 AS	898.14	891.38	6.76	w/ R-1550-0054
S29	47+28.56	LT-1.13	6X6 AS	898.80	889.50	9.30	[4]; w/ R-1550-0054
S29-A	47+35.97	RT-19.70	4X4 AS	898.74	892.90	5.84	FP; w/ R-3067-7004-V
S29-B	47+45.67	RT-42.32	4X4 AS	899.18	893.70	5.48	FP; w/ R-1878-B7G
S29-C	47+45.25	LT-19.44	H INLET	898.81	895.81	3.00	w/ R-3067-7004-V
S30	49+10.71	LT-0.18	4X4 AS	901.54	896.25	5.29	w/ R-1550-0054
S30-A	49+14.97	RT-19.51	3X3 AS	901.41	898.25	3.16	FP; w/ R-3067-7004-V
S30-B	49+20.37	RT-19.50	3X3 AS	901.61	898.60	3.01	w/ R-3067-7004-V
S30-C	49+25.95	RT-19.48	H INLET	901.93	898.93	3.00	w/ R-3067-7004-V
S30-D	49+16.48	LT-19.26	TAP	-	898.45	-	AT EX IN3350-024
S31	50+17.61	LT-1.06	4X4 AS	905.65	900.40	5.25	w/ R-1550-0054
S31-A	50+35.43	RT-19.54	3X3 AS	906.36	902.75	3.61	FP; w/ R-3067-7004-V
S31-B	50+43.29	RT-19.54	H INLET	906.70	903.25	3.45	w/ R-3067-7004-V
S32	53+07.65	LT-0.38	4X4 AS	917.73	913.10	4.63	w/ R-1550-0054
S33	53+50.96	RT-47.41	4X4 AS	919.73	915.50	4.23	w/ R-1550-0054
S33-A	53+71.44	RT-43.48	H INLET	921.34	916.90	4.44	w/ R-3067-7004-V
S33-B	53+98.31	RT-19.50	H INLET	921.03	918.00	3.03	LP; w/ R-3067-7004-VB
S33-C	53+44.60	RT-57.68	H INLET	920.57	916.80	3.77	w/ R-3067-7004-V
S33-D	53+45.97	RT-64.56	H INLET	921.29	917.33	3.96	w/ R-3067-7004-V
S34	60+72.10	RT-29.60	TAP	-	912.59	-	AT EX AS3450-016
S35	60+11.11	RT-28.27	TAP	-	913.75	-	-
* S36	45+13.00	RT-33.09	6X6 AS	898.40	890.40	8.00	w/ R-1550-0054

## PROPOSED STORM PIPES

PIPE NO.	FROM (DISCH.)	TO (INLET)	DISCH. E.I.	INLET E.I.	PLAN (PAY) LGTH (FT)	PIPE LGTH (FT)	SLOPE (%)	PIPE SIZE	PIPE TYPE	NOTES
<b>OLD MIDDLETON RD</b>										
P39	S17	S17-C	923.50	923.65	9.8	6.9	2.16%	15"	TYPE I	-
P40	S17-C	S17-D	923.65	923.69	8.0	6.6	0.60%	15"	TYPE I	[1]
P41	S17-D	S17-E	923.94	923.97	8.0	5.0	0.60%	12"	TYPE I	-
P42	S18	S18-A	927.46	928.55	34.1	31.4	3.47%	15"	TYPE I	[1]
P43	S18-A	S18-B	928.55	928.72	8.4	5.5	3.11%	12"	TYPE I	-
P44	S19	S20	904.50	904.55	21.5	19.5	0.25%	18"	TYPE I	[1]
P45	S20	S20-A	908.30	908.53	19.6	16.1	1.43%	12"	TYPE I	-
P46	S21	S21-A	907.06	907.17	30.8	27.8	0.40%	12"	TYPE I	[1]
P47	S22	S22-A	899.10	901.17	72.8	71.3	2.90%	18"	TYPE I	-
P48	S23	S24	895.00	895.53	108.0	106.4	0.50%	12"	TYPE I	-
P49	S25	S26	894.13	894.87	69.2	69.2	1.07%	12"	TYPE I	-
* P50	S27	S28	890.75	891.38	67.7	62.7	1.00%	42"	TYPE I	-
* P51	S28	S29	891.38	892.50	116.9	111.5	1.00%	42"	TYPE I	-
P52	S29	S30	893.50	896.25	181.9	177.0	1.55%	30"	TYPE I	-
P53	S30	S31	896.25	900.40	106.9	103.1	4.03%	24"	TYPE I	-
P54	S31	S32	900.90	913.10	290.3	286.4	4.26%	24"	TYPE I	-
P55	S32	S33	913.10	915.50	64.9	59.6	4.02%	24"	TYPE I	[1]
* P56	S36	S27	890.40	890.75	40.9	35.2	1.00%	42"	TYPE I	-
P57	S27	S27-B	892.73	893.54	42.4	40.4	2.00%	24"	TYPE I	-
P58	S29	S29-A	893.25	892.90	21.8	16.6	-2.11%	42"	TYPE I	[1]
P59	S29-A	S29-B	893.40	893.70	24.9	20.7	1.45%	36"	TYPE II	-
P60	S29	S29-C	895.52	895.81	24.6	19.1	1.52%	12"	TYPE I	-
P61	S30	S30-A	897.75	898.25	20.7	17.1	2.93%	18"	TYPE I	-
P62	S30-A	S30-B	898.50	898.60	5.3	3.8	2.60%	15"	TYPE I	-
P63	S30-B	S30-C	898.85	898.93	5.5	2.5	3.17%	12"	TYPE I	-
P64	S30	S30-D	898.36	898.45	20.0	17.9	0.50%	12"	TYPE I	-
P65	S31	S31-A	901.90	902.75	27.2	25.0	3.40%	15"	TYPE I	[1]
P66	S31-A	S31-B	903.00	903.25	7.8	4.8	5.25%	12"	TYPE I	-
P67	S33	S33-A	916.25	916.90	21.3	18.4	3.54%	15"	TYPE I	-
P68	S33-A	S33-B	917.15	918.00	36.3	33.2	2.56%	12"	TYPE II	[1]
P69	S33	S33-C	916.25	916.80	12.2	9.8	5.60%	15"	TYPE I	-
P70	S33-C	S33-D	917.05	917.33	7.0	5.3	5.28%	12"	TYPE I	-
P71	S24	S24-A	895.53	895.72	39.0	37.1	0.50%	12"	TYPE I	-
P72	S34	S35	912.59	913.75	65.0	61.0	1.91%	21"	TYPE I	-
* P73	AS3350-031	S36	890.11	890.40	21.6	19.2	1.50%	42"	TYPE I	-
* P74	S36	S27-A	893.33	893.54	12.5	10.3	2.00%	24"	TYPE I	-

### SPECIFIC NOTES:

- [1] CROSSES EXISTING WATER, USE WATER RELOCATE BID ITEM 70041, 90000, OR 90001 IF CONFLICT EXISTS
- [2] PRIVATE STORM SEWER RECONNECT, TYPE 1
- [3] (NOTE REMOVED)
- [4] CONSTRUCT PER SDD 5.7.4; SUMP INVERT 3 FT BELOW INVERT OF OUTGOING 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
- ALL REINFORCED CONCRETE PIPES TO BE CLASS III UNLESS OTHERWISE NOTED.

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

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

# STORM SEWER SCHEDULE

4/14/22 REVISION: REMOVED GAS ULOS, ADDED HP GAS ELEVS, RENUMBERED ALL ULOS

# 5/27/22 REVISION: ADDED ULO ELEVATIONS COLLECTED 4/21 & 4/25

\* 4/21/23 REVISION: ADDED ULO LOCATIONS

OLD MIDDLETON RD. & CRAIG AVE. RESURFACING	SHEET NO.
PROJECT NO. 13175	U-25
STORM SEWER SCHEDULE	
CITY OF MADISON	

## STORM STRUCTURE ADJUSTMENTS

ADJUST NO.	STATION	LOCATION (OFFSET)	TYPE	EX. TOC ELEV.	ADJUST ELEV.	ADJUST DIFF.	NOTES
<b>OLD MIDDLETON RD</b>							
IN3149-001	25+95.51	LT-43.01	H INLET	916.77	916.77	0.00	2H CASTING
IN3149-003	26+35.02	LT-46.10	H INLET	916.75	916.75	0.00	-
AS3250-009	32+46.68	LT-28.01	H INLET	910.98	910.98	0.00	-
IN3250-006	32+30.30	LT-28.66	H INLET	911.21	911.21	0.00	-
IN3250-008	32+44.95	LT-20.50	H INLET	910.51	910.51	0.00	-
IN3250-007	32+66.88	LT-26.82	H INLET	911.09	911.09	0.00	2H CASTING
AS3250-003	34+07.22	RT-14.52	4X4 AS	910.46	910.46	0.00	-
IN3250-004	34+05.77	RT-24.92	H INLET	910.55	910.55	0.00	2H CASTING
IN3250-005	34+05.68	LT-20.51	H INLET	910.53	910.53	0.00	2H CASTING
IN3350-024	49+16.83	LT-20.26	H INLET	901.50	901.50	0.00	-
IN3450-024	61+65.27	LT-38.21	H INLET	916.35	916.35	0.00	[2]

## UTILITY LINE OPENINGS (ULOs)

ULO NO.	STATION	LOCATION (OFFSET)	TYPE	TOP ELEV.	NOTES	ULO NO.	STATION	LOCATION (OFFSET)	TYPE	TOP ELEV.	NOTES
<b>OLD MIDDLETON RD</b>						<b>CRAIG AVE</b>					
# ULO1	1+72.45	RT-21.5	GAS (2" PL.)	915.12	-	ULO30	101+56.50	RT-9.5	WATER	*863.98	-
# ULO2	2+04.03	RT-21.0	WATER	913.05	-	ULO31	102+08.41	LT-15.9	WATER	*864.39	-
ULO3	16+36.12	LT-17.5	GAS (8" ST.)	929.18	COLLECTED 4/6/22	ULO32	106+48.96	RT-9.9	WATER	*865.47	-
# ULO4	16+52.66	RT-12.8	WATER	925.92	-	ULO33	107+11.43	RT-10.1	WATER	*868.47	-
# ULO5	18+76.94	RT-12.8	WATER	920.68	-	ULO34	111+03.78	RT-10.6	WATER	*866.66	-
ULO6	18+88.31	LT-17.9	GAS (8" ST.)	929.07	COLLECTED 4/6/22	ULO35	111+40.94	LT-7.9	WATER	*866.1	-
# ULO7	21+13.79	RT-13.8	WATER	917.18	WM OFFSET	ULO36	111+99.13	RT-9.7	WATER	*868.08	-
ULO8	23+81.42	LT-19.8	GAS (8" ST.)	915.26	COLLECTED 4/6/22	ULO37	114+12.00	RT-9.5	WATER	*869.63	-
# ULO9	23+82.70	RT-13.9	WATER	912.75	WM OFFSET	ULO38	114+51.37	LT-6.8	WATER	*868.88	-
# ULO10	24+64.92	RT-13.8	WATER	912.08	WM OFFSET	ULO39	117+01.53	RT-8.3	WATER	*872.19	-
# ULO11	26+31.70	RT-14.6	WATER	911.36	WM OFFSET	ULO40	117+85.58	RT-9.7	WATER	*872.72	-
ULO12	26+37.34	LT-18.9	GAS (8" ST.)	912.29	COLLECTED 4/6/22	* ULO41	100+24.84	LT-47.5	WATER	861.21	-
ULO13	29+41.29	LT-15.8	GAS (8" ST.)	912.26	COLLECTED 4/6/22	* ULO42	100+31.30	LT-21.8	ELEC	865.23	(22" TALL DUCT)
# ULO14	29+45.59	RT-18.1	WATER	910.01	WM OFFSET	* ULO43	100+39.67	LT-22.2	GAS	857.99	-
# ULO15	29+72.99	LT-1.2	WATER	910.25	WM OFFSET						
# ULO16	30+61.16	RT-40.1	TE ELEC	910.61	-						
# ULO17	31+56.32	RT-40.2	TE ELEC	908.83	-						
# ULO18	31+65.44	RT-53.5	WIN-FIBER	909.79	-						
# ULO19	32+14.31	RT-26.9	WATER	904.98	WM OFFSET						
# ULO20	33+42.87	RT-30.4	WATER	905.40	-						
# ULO21	33+44.08	RT-40.6	WIN-FIBER	906.50	-						
# ULO22	43+90.31	RT-20.5	WIN-FIBER	893.93	-						
# ULO23	47+30.28	RT-7.4	WATER	892.36	WM OFFSET						
# ULO24	50+27.05	RT-10.0	WATER	899.57	-						
# ULO25	53+19.74	RT-12.6	WATER	911.60	-						
# ULO26	53+26.09	RT-19.6	TV	914.89	-						
# ULO27	53+42.99	RT-38.4	WATER	914.51	WM OFFSET						
# ULO28	60+24.20	RT-21.8	TE ELEC	916.12	-						
# ULO29	60+39.75	RT-22.0	ELEC	913.97	-						

## EXISTING ULOs - HIGH PRESSURE (175 PSI) GAS MAIN [3]

ULO NO.	STATION	LOCATION (OFFSET)	TYPE	TOP ELEV.	NOTES
<b>OLD MIDDLETON RD</b>					
HP GAS1	1+96.57	LT-17.8	GAS (8" ST.)	915.02	-
HP GAS2	4+31.30	LT-18.6	GAS (8" ST.)	919.16	-
HP GAS3	7+63.90	LT-18.7	GAS (8" ST.)	935.02	-
HP GAS4	14+96.00	LT-19.1	GAS (8" ST.)	931.27	-
HP GAS5	16+96.08	LT-19.7	GAS (8" ST.)	927.42	-
HP GAS6	19+97.95	LT-17.5	GAS (8" ST.)	920.79	-
HP GAS7	22+97.91	LT-21.4	GAS (8" ST.)	916.26	-
HP GAS8	25+98.09	LT-19.3	GAS (8" ST.)	912.85	-
HP GAS9	28+98.44	LT-18.0	GAS (8" ST.)	912.71	-
HP GAS10	31+77.47	RT-13.5	GAS (8" ST.)	908.28	-
HP GAS11	32+04.81	RT-42.8	GAS (8" ST.)	907.13	-
HP GAS12	32+44.75	RT-54.3	GAS (8" ST.)	905.96	-
HP GAS13	32+51.12	RT-89.9	GAS (8" ST.)	904.33	-

## SPECIFIC NOTES:

- [1] STORM TAP
- [2] REPLACE CASTING WITH R-3067-7009
- [3] 8" HP GAS MAIN ULOs WERE COLLECTED IN DECEMBER 2021; COORDINATE WITH MG&E GAS BEFORE WORKING ADJACENT TO HP MAIN; MAIN PRESSURE IS 175 PSI

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

- ALL FIELD POURED SAS STORM STRUCTURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE NEW STANDARD DETAIL DRAWING FOR 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 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.
- SURVEYOR TO CONFIRM THAT ALL INLET STATION / OFFSETS LINE UP WITH PROPOSED CURB AND GUTTER.



# STORM SEWER SCHEDULE

## REMOVE STORM STRUCTURES

STRUC. NO.	STATION	LOCATION (OFFSET)	TYPE	NOTES
<b>OLD MIDDLETON RD</b>				
R1	26+37.69	RT-20.32	H INLET	IN3149-002, 2H CASTING
R2	26+45.64	RT-22.61	4X4 AS	AS3149-004
R3	29+45.64	RT-23.83	H INLET	IN3149-007, 2H CASTING; SADDLED OVER RP2
R4	30+64.07	RT-28.92	4X4 AS	AS3150-022
R5	31+34.59	RT-44.25	4X4 AS	AS3150-001
R6	31+34.75	RT-38.26	H INLET	IN3150-007
R7	32+14.91	RT-124.90	4X4 AS	AS3150-008
R8	32+14.58	RT-40.97	H INLET	IN3250-001
R9	32+14.92	RT-20.69	4X4 AS	AS3250-002
R10	44+04.00	RT-22.53	H INLET	IN3250-041
R11	45+44.94	RT-7.18	4X4 AS	AS3350-006
R12	47+08.38	RT-3.60	4X4 AS	AS3350-015
R13	47+07.63	RT-20.43	H INLET	IN3350-016
R14	47+46.13	RT-42.17	4X4 AS	AS3350-014
R15	47+65.81	LT-20.64	H INLET	IN3350-017
R16	49+16.02	RT-0.64	4X4 AS	AS3350-022
R17	49+15.18	RT-20.97	H INLET	IN3350-023
R18	53+15.29	RT-20.89	H INLET	IN3350-029
R19	53+55.24	RT-2.13	4X4 AS	AS3350-025
R20	53+40.09	RT-40.22	H INLET	IN3350-030
R21	53+51.30	RT-47.18	4X4 AS	AS3350-034
R22	53+75.23	RT-49.01	H INLET	IN3350-028
R23	53+81.78	RT-31.14	H INLET	IN3350-027, 2H CASTING
R24	53+90.16	RT-24.32	H INLET	IN3350-026
R25	32+39.16	RT-157.07	4X4 AS	AS3150-009
R26	32+29.56	RT-161.18	H INLET	IN3150-010
R27	32+40.73	RT-142.07	H INLET	IN3150-011
R28	45+43.73	RT-20.59	H INLET	IN3350-004, 2H CASTING
R29	45+42.97	LT-20.86	H INLET	IN3350-005, 2H CASTING
R30	29+35.36	RT-23.96	H INLET	IN3149-006
R31	30+07.33	RT-32.83	H INLET	IN3149-008
R32	30+64.43	RT-48.43	H INLET	IN3150-006
R33	29+28.25	LT-21.54	H INLET	IN3149-005
R34	44+67.56	LT-21.03	H INLET	IN3250-043

## REMOVE STORM PIPES

REMOVE NO.	REMOVE FROM	REMOVE TO	LGTH (FT)	PAID (Y/N)	PAY LGTH (FT)	PIPE SIZE	PIPE TYPE	NOTES
<b>OLD MIDDLETON RD</b>								
RP1	IN3149-002	S12	66.4	Y	24.1	18"	RCP	-
RP2	R3	S11-B	10.2	N	0.0	24"	RCP	-
RP3	AP2	S10-A	7.0	Y	7.0	12"	RCP	-
RP4	R6	R5	6.0	Y	6.0	12"	RCP	-
RP5	R26	R7	40.6	N	0.0	30"	RCP	-
RP6	R26	R27	10.4	N	0.0	12"	RCP	-
RP7	R26	R28	15.1	N	0.0	12"	RCP	-
RP8	R8	R9	20.3	N	0.0	18"	RCP	-
RP9	S21	AS3250-029	73.0	N	0.0	12"	RCP	-
RP10	S23	R10	94.3	N	0.0	12"	RCP	-
RP11	S25	IN3250-043	73.9	N	0.0	12"	VCP	-
RP12	R13	R16	207.6	Y	72.1	18"	RCP	-
RP13	RP9	R15	23.8	Y	23.8	12"	RCP	-
RP14	R16	IN3350-023	20.4	Y	20.4	12"	RCP	-
RP15	R16	IN3350-024	20.9	Y	20.9	12"	RCP	-
RP16	AP9	R18	18.5	Y	18.5	15"	RCP	-
RP17	R17	R20	438.8	Y	416.4	18"	RCP	-
RP18	R20	R21	13.4	N	0.0	12"	RCP	-
RP19	R20	IN3350-026	41.6	Y	41.6	15"	RCP	-
RP20	R24	R25	7.4	Y	7.4	12"	RCP	-
RP21	AS3450-016	EX S0	47.0	N	0.0	24"	RCP	-
RP22	EX S0	EX S1	14.3	N	0.0	18"	RCP	-
RP23	S9	S9-A	18.3	Y	18.3	12"	RCP	-
RP24	R11	R28	28.1	Y	28.1	12"	VCP	-
RP25	R11	R29	13.5	Y	13.5	15"	VCP	-
RP26	IN3149-006	AS3149-005	47.1	Y	47.1	12"	RCP	-
RP27	R5	R4	120.8	Y	120.8	24"	RCP	-
RP28	R6	R5	72.7	Y	46.6	24"	RCP	-
RP29	R12	R13	163.5	Y	163.5	30"	RCP	-
RP30	R13	R14	16.8	Y	16.8	18"	RCP	-
* RP31	R11	AS3350-031	62.5	N	0.0	30"	RCP	-

## ABANDON STORM PIPES

PIPE NO.	FROM (DNSTR)	TO (UPSTR)	LENGTH (FT)	PIPE SIZE	PIPE TYPE	PAID (Y/N)	NOTES
<b>OLD MIDDLETON RD</b>							
AP1	IN3149-006	R2	298.5	24"	RCP	Y	ABAN. W/ PLUGS
AP2	R7	R5	113.8	24"	RCP	Y	ABAN. W/ PLUGS
AP3	R14	R15	44.2	18"	RCP	Y	ABAN. W/ PLUGS
AP4	R18	R20	31.8	12"	RCP	Y	ABAN. W/ PLUGS
AP5	R22	R23	10.5	12"	RCP	Y	ABAN. W/ PLUGS

### SPECIFIC NOTES:

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

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

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

# STORM SEWER SCHEDULE

\*4/21/23 REVISION: STORM SEWER RE-DESIGN AT CRAIG-UNIVERSITY AVE. INTERSECTION

OLD MIDDLETON RD. & CRAIG AVE. RESURFACING	SHEET NO.
PROJECT NO. 13175	U-27
STORM SEWER SCHEDULE	
CITY OF MADISON	

## PROPOSED STORM STRUCTURES

STRUC. NO.	STATION	LOCATION (OFFSET)	TYPE	TOP OF CASTING	E.I.	DEPTH	NOTES
<b>CRAIG AVE</b>							
* S100	100+27.98	LT-94.28	TAP	-	856.38	-	AT EX IN3348-064
* S101	100+27.98	LT-94.28	TAP	-	856.83	-	AT EX IN3348-064
* S102	100+23.10	LT-21.51	6X6 AS	867.33	858.24	9.09	w/ R-1550-0054
S103	100+50.36	LT-22.64	5X5 AS	867.59	858.69	8.90	w/ R-3067-7004-V
S103-A	101+02.13	RT-16.50	H INLET	868.54	865.54	3.00	w/ R-3067-7004-V
S104	101+51.19	LT-15.50	5X5 AS	869.03	860.60	8.43	w/ R-3067-7004-V
S104-A	101+57.54	RT-15.74	H INLET	869.27	866.27	3.00	w/ R-3067-7004-V
S104-B	102+11.56	RT-15.50	H INLET	869.78	867.28	2.50	[1]; LP; FP; w/ R-3067-7004-VB
S104-C	102+19.67	RT-15.50	H INLET	869.85	867.35	2.50	FP; w/ R-3067-7004-V
S105	102+57.59	LT-15.50	5X5 AS	869.92	862.59	7.33	LP; w/ R-3067-7004-VB
S106	103+53.59	LT-15.50	5X5 AS	870.61	863.54	7.07	w/ R-3067-7004-V
S107	104+30.33	LT-15.50	5X5 AS	871.20	864.29	6.91	w/ R-3067-7004-V
S107-A	104+42.67	RT-15.50	H INLET	871.27	868.27	3.00	w/ R-3067-7004-V
S108	104+93.90	LT-15.50	5X5 AS	871.57	864.91	6.66	w/ R-3067-7004-V
S109	106+37.73	LT-9.83	5X5 AS	872.02	866.42	5.60	FP; w/ R-1550-0054
S110	106+53.56	RT-18.06	5X5 AS	872.28	866.55	5.73	w/ R-3067-7004-V
S111	106+64.15	RT-37.60	H INLET	872.17	869.17	3.00	LP; w/ R-3067-7004-VB
S112	106+95.03	RT-35.25	H INLET	872.69	869.69	3.00	LP; w/ R-3067-7004-VB
S113	106+73.59	LT-37.25	H INLET	872.76	869.76	3.00	w/ R-3067-7004-V
S114	106+39.08	LT-20.57	H INLET	872.50	869.50	3.00	w/ R-3067-7004-V
S115	107+38.95	LT-17.90	3X3 AS	872.56	866.29	6.27	w/ R-1550-0054
S115-A	107+05.83	RT-16.17	H INLET	872.70	869.70	3.00	w/ R-3067-7004-V
S116	110+94.98	LT-23.41	4X4 AS	870.24	866.11	4.13	w/ R-1550-0054
S117	110+91.49	LT-15.50	3X3 AS	870.16	866.17	3.99	LP; FP; w/ R-3067-7004-VB
S117-A	110+57.62	RT-15.50	H INLET	871.00	868.00	3.00	LP; w/ R-3067-7004-VB
S117-B	111+15.11	RT-15.50	H INLET	870.91	868.41	2.50	[1]; LP; FP; w/ R-3067-7004-VB
S118	111+42.04	LT-18.87	3X3 AS	870.31	866.90	3.41	LP; FP; w/ R-3067-7004-VB
S119	111+67.19	LT-15.50	3X3 AS	871.05	868.05	3.00	w/ R-3067-7004-V
S120	112+07.07	RT-17.15	H INLET	872.67	869.67	3.00	FP; w/ R-3067-7004-V
S121	112+41.81	RT-15.50	H INLET	873.20	870.20	3.00	LP; FP; w/ R-3067-7004-VB
S122	114+13.75	LT-27.13	COLLAR	-	869.45	-	-
S123	114+18.95	LT-16.40	3X3 AS	874.76	869.65	5.11	w/ R-3067-7004-V
S123-A	114+10.27	RT-15.50	H INLET	874.92	871.92	3.00	LP; FP; w/ R-3067-7004-VB
S124	114+70.21	LT-15.50	3X3 AS	875.19	869.94	5.25	w/ R-3067-7004-V
S125	115+18.52	LT-16.02	3X3 AS	875.48	870.21	5.27	w/ R-3067-7004-V
S126	115+59.15	LT-15.50	3X3 AS	875.71	870.44	5.27	w/ R-3067-7004-V
S126-A	115+66.77	RT-15.50	H INLET	875.85	870.56	5.29	w/ R-3067-7004-V
S126-B	115+66.24	RT-24.32	COLLAR	-	870.59	-	-
S127	116+90.83	LT-20.20	4X4 AS	878.23	873.12	5.11	w/ R-3067-7004-V
S127-A	117+21.69	RT-59.72	H INLET	879.77	876.07	3.70	w/ R-3067-7004-V
S127-B	117+18.32	CL	H INLET	878.30	875.30	3.00	LP; FP; w/ R-3290-A
S128	117+75.16	LT-18.90	H INLET	879.38	874.98	4.40	w/ R-3067-7004-V
S129	117+87.72	RT-15.50	H INLET	879.26	875.91	3.35	w/ R-3067-7004-V
S130	117+53.19	RT-40.79	H INLET	879.56	876.41	3.15	w/ R-3067-7004-V

## PROPOSED STORM PIPES

PIPE NO.	FROM (DISCH.)	TO (INLET)	DISCH. E.I.	INLET E.I.	PLAN (PAY) LGTH (FT)	PIPE LGTH (FT)	SLOPE (%)	PIPE SIZE	PIPE TYPE	NOTES
<b>CRAIG AVE</b>										
* P100	S100	S101	856.38	857.27	28.4	25.5	3.50%	42"	TYPE II	-
* P101	S101	S102	856.83	858.24	72.9	70.5	2.00%	42"	TYPE II	-
* P102	S102	S103	858.24	858.69	27.3	22.3	2.00%	42"	TYPE II	-
P103	S103	S104	858.69	860.60	100.3	95.4	2.00%	42"	TYPE I	[1]
P104	S104	S105	860.60	862.59	104.8	99.9	2.00%	42"	TYPE I	[1]
P105	S105	S106	862.59	863.54	91.7	86.7	1.10%	42"	TYPE I	[1]
P106	S106	S107	863.54	864.29	73.4	68.4	1.10%	42"	TYPE I	[1]
P107	S107	S108	864.29	864.91	61.2	56.2	1.10%	42"	TYPE I	[1]
P108	S108	S109	864.91	866.42	142.0	137.0	1.10%	42"	TYPE I	[1]
P109	S109	S110	866.42	866.55	32.1	26.0	0.50%	42"	TYPE I	[1]
P110	IN3348-068	S103-A	864.14	865.54	54.4	52.9	2.65%	12"	TYPE I	-
P111	S104	S104-A	866.03	866.27	31.9	28.3	0.85%	15"	TYPE I	[1]
P112	S104-A	S104-B	866.52	867.28	54.5	51.5	1.48%	12"	TYPE I	[1]
P113	S104-B	S104-C	867.28	867.35	8.1	6.55	1.07%	12"	TYPE I	-
P114	S107	S107-A	867.70	868.27	34.6	30.3	1.88%	12"	TYPE I	[1]
P115	S110	S111	869.08	869.17	22.2	17.5	0.52%	15"	TYPE I	-
P116	S111	S112	869.42	869.69	31.0	28.5	0.95%	12"	TYPE I	-
P117	S109	S113	869.02	869.76	45.0	39.7	1.86%	12"	TYPE I	-
P118	S109	S114	869.25	869.50	10.8	6.5	3.85%	12"	TYPE I	[1]
P119	S115	S115-A	869.06	869.70	47.5	43.9	1.46%	12"	TYPE I	-
P120	S116	S117	866.11	866.17	8.6	4.9	1.17%	15"	TYPE I	-
P121	S117	S117-A	866.67	868.00	45.9	42.2	3.16%	12"	TYPE I	[1]
P122	S117	S117-B	866.67	868.41	38.9	35.7	4.88%	12"	TYPE I	[1]
P123	S116	S118	866.17	866.90	46.3	42.5	1.72%	18"	TYPE I	[1]
P124	S118	S119	867.15	868.05	25.2	21.9	4.11%	15"	TYPE I	-
P125	S119	S120	868.30	869.67	51.6	48.2	2.84%	12"	TYPE I	[1]
P126	S120	S121	869.67	870.20	34.8	31.5	1.68%	12"	TYPE I	[1]
P127	S122	S123	869.45	869.65	11.9	10.4	1.92%	18"	TYPE I	-
P128	S123	S123-A	871.65	871.92	33.2	30.1	0.90%	12"	TYPE I	[1]
P129	S123	S124	869.65	869.94	53.5	50.2	0.58%	18"	TYPE I	[1]
P130	S124	S125	869.94	870.21	50.3	47.3	0.58%	18"	TYPE I	[1]
P131	S125	S126	870.21	870.44	42.3	39.2	0.59%	18"	TYPE I	-
P132	S126	S126-A	870.44	870.56	32.0	28.9	0.40%	12"	TYPE I	[1]
P133	S126-A	S126-B	870.56	870.59	8.8	7.3	0.40%	12"	TYPE I	-
P134	S126	S127	870.44	873.12	133.6	130.0	2.06%	18"	TYPE I	[1]
P135	S127	S128	873.37	874.98	84.2	80.4	2.00%	15"	TYPE I	[1]
P136	S128	S129	875.23	875.91	36.0	33.8	2.00%	12"	TYPE I	[1]
P137	S129	S130	875.91	876.41	43.1	39.8	1.26%	12"	TYPE I	-
P138	S127	S127-A	873.62	876.07	85.1	81.8	3.00%	12"	TYPE I	[1]
P139	S127-A	S127-B	874.97	875.30	33.6	30.3	1.09%	12"	TYPE I	[1]

### SPECIFIC NOTES:

[1] CROSSES EXISTING WATER, USE WATER RELOCATE BID ITEM 70041, 90000, OR 90001 IF CONFLICT EXISTS

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

- ALL FIELD POURED SAS STORM STRUCTURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE NEW STANDARD DETAIL DRAWING FOR 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 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.
- SURVEYOR TO CONFIRM THAT ALL INLET STATION / OFFSETS LINE UP WITH PROPOSED CURB AND GUTTER.

# STORM SEWER SCHEDULE

\*4/21/23 REVISION: STORM SEWER RE-DESIGN AT CRAIG-UNIVERSITY AVE. INTERSECTION

OLD MIDDLETON RD. & CRAIG AVE. RESURFACING	SHEET NO.
PROJECT NO. 13175	U-28
STORM SEWER SCHEDULE	
CITY OF MADISON	

## REMOVE & ABANDON STORM STRUCTURES

STRUC. NO.	STATION	LOCATION (OFFSET)	TYPE	NOTES
<b>CRAIG AVE</b>				
* R100	100+23.13	LT-21.49	5X5 AS	-
R101	100+72.10	LT-22.34	7X5 RECT. AS	AS3348-007
R102	100+50.38	LT-23.16	H INLET	IN3348-067
R103	101+03.87	RT-16.89	H INLET	IN3348-015
R104	101+91.84	LT-17.21	7X5 RECT. AS	AS3348-009
R105	101+56.39	RT-18.13	H INLET	IN3348-013
R106	101+93.27	RT-33.96	H INLET	IN3348-012
R107	102+11.03	RT-14.96	H INLET	IN3348-011
R108	102+46.12	LT-15.99	H INLET	IN3348-010
R109	104+17.51	LT-20.36	4X4 AS	AS3348-008
R110	106+50.05	LT-19.82	7X5 RECT. AS	AS3348-041
R111	106+38.65	LT-21.06	H INLET	IN3348-039
R112	106+73.41	LT-38.80	H INLET	IN3348-040
R113	107+09.00	RT-15.66	H INLET	IN3348-044
R114	106+63.92	RT-36.25	H INLET	IN3348-038
R115	107+38.94	LT-15.60	6X5 RECT. AS	AS3348-042
R116	110+95.46	LT-20.98	7X5 RECT. AS	AS3349-019
R117	111+02.76	LT-18.79	H INLET	-
R118	110+68.61	RT-18.49	H INLET	IN3349-024
R119	111+02.22	RT-19.38	H INLET	IN3349-023
R120	112+03.33	LT-15.46	H INLET	IN3349-020
R121	112+07.50	RT-17.13	H INLET	IN3349-021
R122	112+35.08	RT-16.51	H INLET	IN3349-022
R123	114+15.49	LT-23.64	7X5 RECT. AS	AS3349-011
R124	115+66.41	RT-21.57	7X5 RECT. AS	AS3349-008
R125	115+66.08	RT-16.59	H INLET	IN3349-009
R126	115+47.95	LT-20.61	H INLET	IN3349-010
R127	117+59.30	RT-21.11	7X5 RECT. AS	AS3350-003
R128	117+20.77	RT-7.23	H INLET	IN3350-011
R129	117+85.73	LT-15.24	H INLET	IN3350-012
R130	117+86.44	RT-15.59	H INLET	IN3350-013
R131	117+21.58	RT-59.92	H INLET	IN3350-009
* A100	100+47.93	LT-69.47	4X4 AS	ABAN. EX AS, REMOVE CASTING
* A101	107+17.09	LT-18.03	4X4 AS	ABAN. EX AS, REMOVE CASTING
* A102	112+07.18	LT-23.83	7X5 RECT. AS	ABAN. AS3349-018, REMOVE CASTING

## STORM STRUCTURE ADJUSTMENTS

ADJUST NO.	STATION	LOCATION (OFFSET)	TYPE	EX. TOC ELEV.	ADJUST ELEV.	ADJUST DIFF.	NOTES
<b>CRAIG AVE</b>							
IN3348-068	100+47.63	RT-16.28	H INLET	868.01	868.01	0.00	[1]
IN3350-010	117+45.65	RT-61.04	H INLET	879.63	879.63	0.00	-

## SPECIFIC NOTES:

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

## REMOVE STORM PIPES

REMOVE NO.	REMOVE FROM	REMOVE TO	LGTH (FT)	PAID (Y/N)	PAY LGTH (FT)	PIPE SIZE	PIPE TYPE	NOTES
<b>CRAIG AVE</b>								
RP100	IN3348-064	R100	73.0	N	0.0	30"	RCP	-
RP101	R101	R103	50.5	Y	50.5	12"	RCP	-
RP102	R104	R108	53.8	N	0.0	12"	RCP	-
RP103	R104	R105	50.1	Y	50.1	12"	RCP	-
RP104	R104	R106	51.2	Y	51.2	12"	RCP	-
RP105	R104	R107	37.5	Y	37.5	12"	RCP	-
RP106	R110	R111	7.5	Y	7.5	12"	RCP	-
RP107	R110	IN3348-040	30.1	N	0.0	12"	RCP	-
RP108	R110	S110	39.3	Y	39.3	24"	RCP	-
RP109	R110	R114	57.8	Y	57.8	12"	RCP	-
RP110	R110	R113	68.9	Y	68.9	12"	RCP	-
RP111	R110	A100	66.8	Y	66.8	24"	RCP	-
RP112	R116	R117	2.5	Y	2.5	12"	RCP	-
RP113	R116	R118	38.2	Y	38.2	12"	RCP	-
RP114	R116	R119	40.9	Y	40.9	12"	RCP	-
RP115	R116	PLUG	45.4	Y	45.4		RCP	-
RP116	A101	R121	41.0	Y	41.0	12"	RCP	-
RP117	A101	R122	49.0	Y	49.0	12"	RCP	-
RP118	R123	R124	156.7	Y	156.7	18"	RCP	-
RP119	R124	R126	46.0	Y	34.0	12"	RCP	-
RP120	PLUG	R127	69.3	Y	69.3		RCP	-
RP121	R127	S130	20.0	Y	20.0	12"	RCP	-
RP122	R127	PLUG	25.2	Y	25.2	12"	RCP	-
RP123	R127	R129	44.8	Y	44.8	12"	RCP	-
RP124	R127	R130	26.6	Y	26.6	12"	RCP	-
RP125	R127	R131	55.0	Y	55.0	12"	RCP	-
* RP126	AS3348-063	R102	27.3	N	0.0	12"	RCP	-
* RP127	R101	R104	118.2	Y	45.0	24"	RCP	-
* RP128	R104	PLUG	42.8	Y	42.8	24"	RCP	-

## ABANDON STORM PIPES

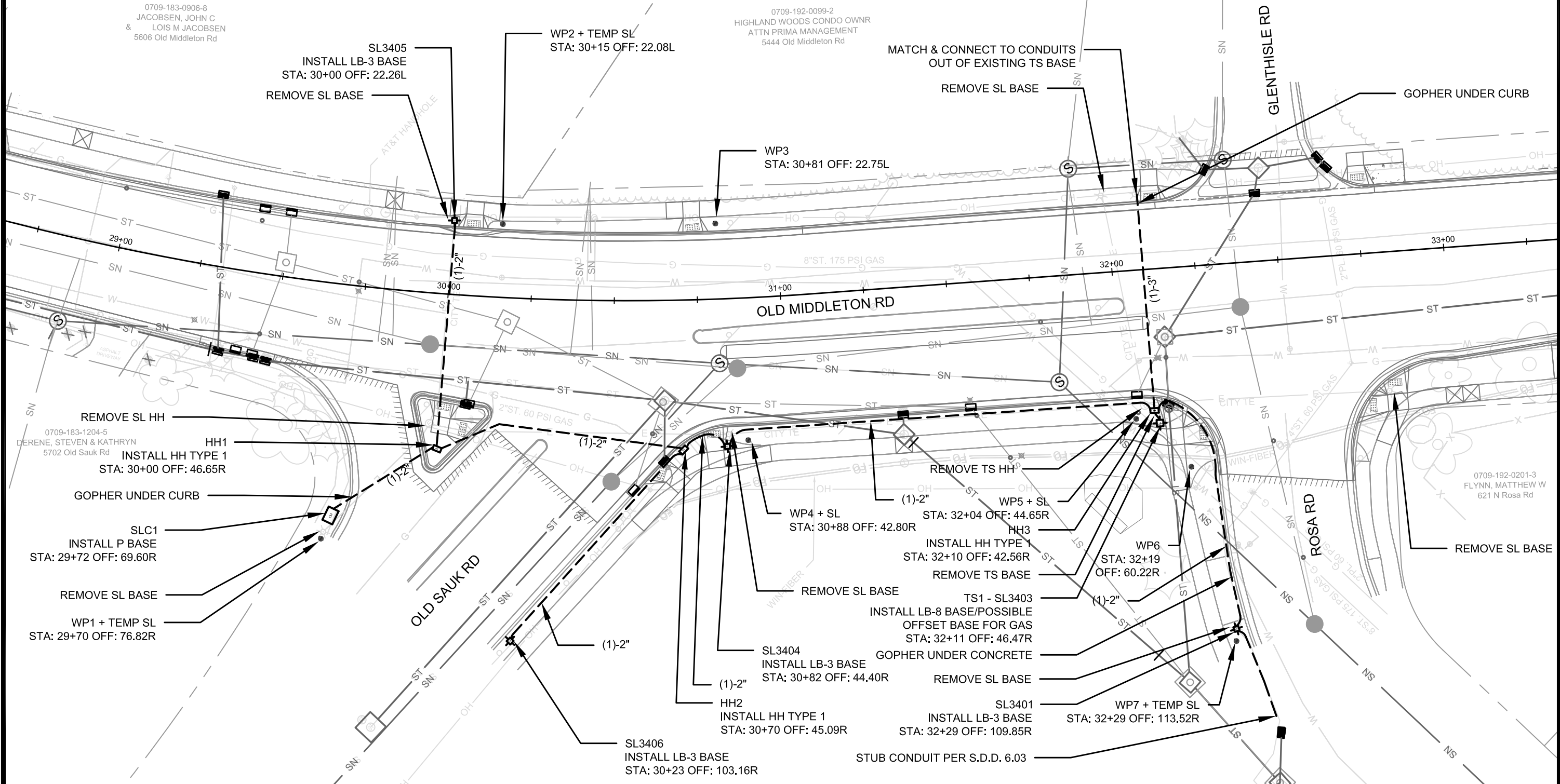
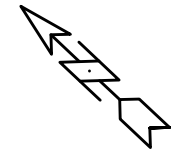
PIPE NO.	FROM (DNSTR)	TO (UPSTR)	LENGTH (FT)	PIPE SIZE	PIPE TYPE	PAID (Y/N)	NOTES
<b>CRAIG AVE</b>							
* AP100	IN3348-064	AP100	31.8	30"	RCP	Y	ABAN. W/ PLUGS
* AP101	A100	R101	53.0	30"	RCP	Y	ABAN. W/ PLUGS
AP102	PLUG	R109	170.6	24"	RCP	Y	ABAN. W/ PLUGS
AP103	R109	R110	224.8	24"	RCP	Y	ABAN. W/ PLUGS
AP104	A100	R115	21.7	24"	RCP	Y	ABAN. W/ PLUGS
AP105	PLUG	A101	62.2	12"	RCP	Y	ABAN. W/ PLUGS
AP106	A101	R120	9.2	12"	RCP	Y	ABAN. W/ PLUGS
AP107	R124	PLUG	122.7	12"	RCP	Y	ABAN. W/ PLUGS
AP108	PLUG	R128	16.5	12"	RCP	Y	ABAN. W/ PLUGS

- ALL FIELD Poured SAS STORM STRUCTURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE NEW STANDARD DETAIL DRAWING FOR 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 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.
- SURVEYOR TO CONFIRM THAT ALL INLET STATION / OFFSETS LINE UP WITH PROPOSED CURB AND GUTTER.



**GENERAL 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 GRETCHEN AVILES PINEIRO (GAVILESPINEIRO@CITYOFMADISON.COM), AT LEAST 24 HOURS IN ADVANCE OF NEEDED BASE LOCATIONS MARKED.
2. BASES INSTALLED IN TERRACE SHALL BE 4' FROM FACE OF CURB UNLESS OTHERWISE NOTED, SUBJECT TO NOTE 1 ABOVE.
3. THE CONTRACTOR SHALL DO ALL WORK IN ACCORDANCE WITH "CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, LATEST EDITION" AND ADDENDUMS THERETO. [cityofmadison.com/business/pw/specs.cfm](http://cityofmadison.com/business/pw/specs.cfm)
4. THE CONTRACTOR SHALL CALL TROY VANT (395-1975) AT THE TRAFFIC ENGINEERING SHOP AT LEAST 24 HOURS IN ADVANCE OF POURING BASES OR BURYING CONDUIT TO ARRANGE FOR INSPECTION. ANY WORK COMPLETED WITHOUT INSPECTION IS SUBJECT TO REJECTION.
5. THE CONTRACTOR SHALL INSTALL LOOP LEAD DUCT CONDUITS (PER S.D.D. 6.04) PRIOR TO CITY CREWS INSTALLING LOOP DETECTOR WIRES. NOTIFY TE SHOP (266-4767) A MINIMUM OF 24 HOURS AND MAXIMUM OF 48 HOURS PRIOR TO INSTALL LOOP DETECTION WIRES IN THE BASE COURSE.
6. THE CONTRACTOR SHALL ARRANGE FOR PICKUP OF THE FOLLOWING CITY MATERIALS:
  - 3/4" X 19" ANCHOR BOLTS: 2 SETS OF 4 FOR G BASES
  - 1" X 40" ANCHOR BOLTS: 10 SETS OF 4 FOR LB-3 BASES
  - 1-1/4" X 48" ANCHOR BOLTS: 8 SETS OF 4 FOR LB-8 BASES



0709-183-0906-8  
JACOBSEN, JOHN C  
& LOIS M JACOBSEN  
5606 Old Middleton Rd

0709-192-0099-2  
HIGHLAND WOODS CONDO OWNR  
ATTN PRIMA MANAGEMENT  
5444 Old Middleton Rd

0709-183-1204-5  
DERENE, STEVEN & KATHRYN  
5702 Old Sauk Rd

0709-192-0201-3  
FLYNN, MATTHEW W  
621 N Rosa Rd

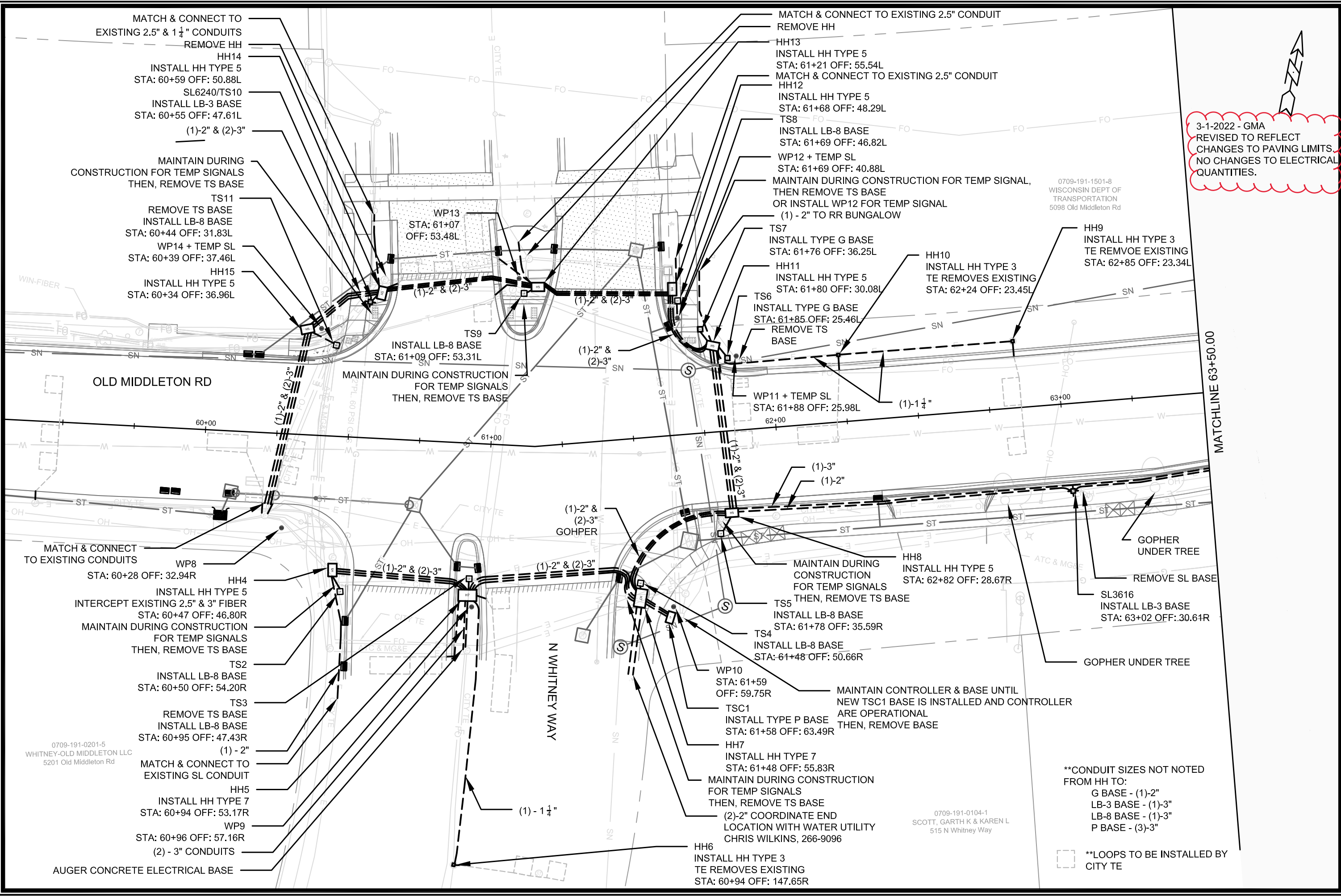
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MADISON, WI  
8650  
CONTRACT NO:

ELECTRICAL PLAN  
OLD MIDDLETON RD & CRAIG AVE RESURFACING  
M:\DESIGN\Projects\13175\CAD\Traffic\13175TE-Electrical.dwg



13175  
E-1



3-1-2022 - GMA  
 REVISED TO REFLECT  
 CHANGES TO PAVING LIMITS.  
 NO CHANGES TO ELECTRICAL  
 QUANTITIES.

0709-191-1501-8  
 WISCONSIN DEPT OF  
 TRANSPORTATION  
 5098 Old Middleton Rd

0709-191-0201-5  
 WHITNEY-OLD MIDDLETON LLC  
 5201 Old Middleton Rd

0709-191-0104-1  
 SCOTT, GARTH K & KAREN L  
 515 N Whitney Way

\*\*CONDUIT SIZES NOT NOTED  
 FROM HH TO:  
 G BASE - (1)-2"  
 LB-3 BASE - (1)-3"  
 LB-8 BASE - (1)-3"  
 P BASE - (3)-3"

\*\*LOOPS TO BE INSTALLED BY  
 CITY TE

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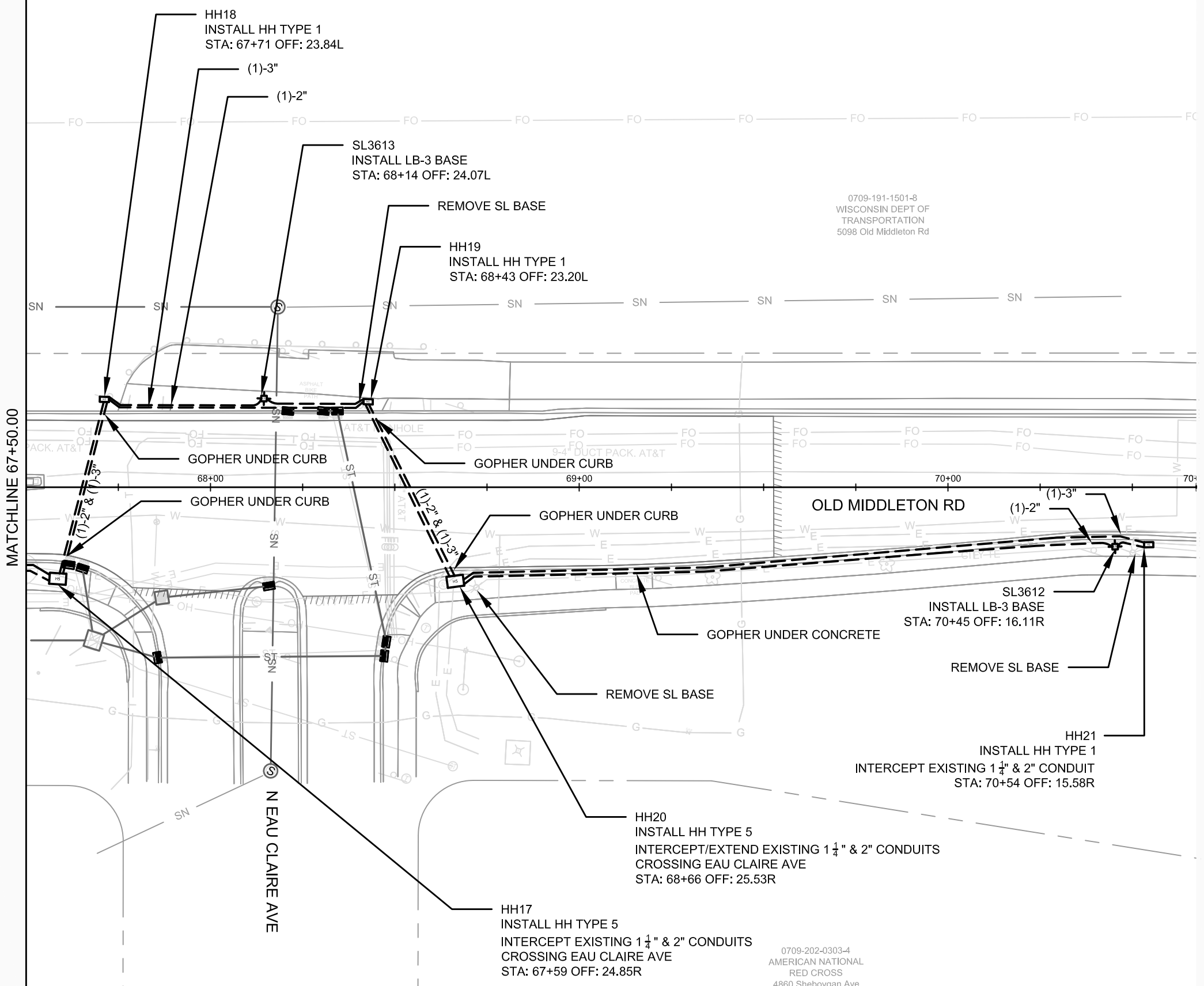
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 8568  
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ELECTRICAL PLAN  
 OLD MIDDLETON RD & CRAIG AVE RESURFACING  
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13175  
 E-2







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WISCONSIN DEPT OF  
TRANSPORTATION  
5098 Old Middleton Rd

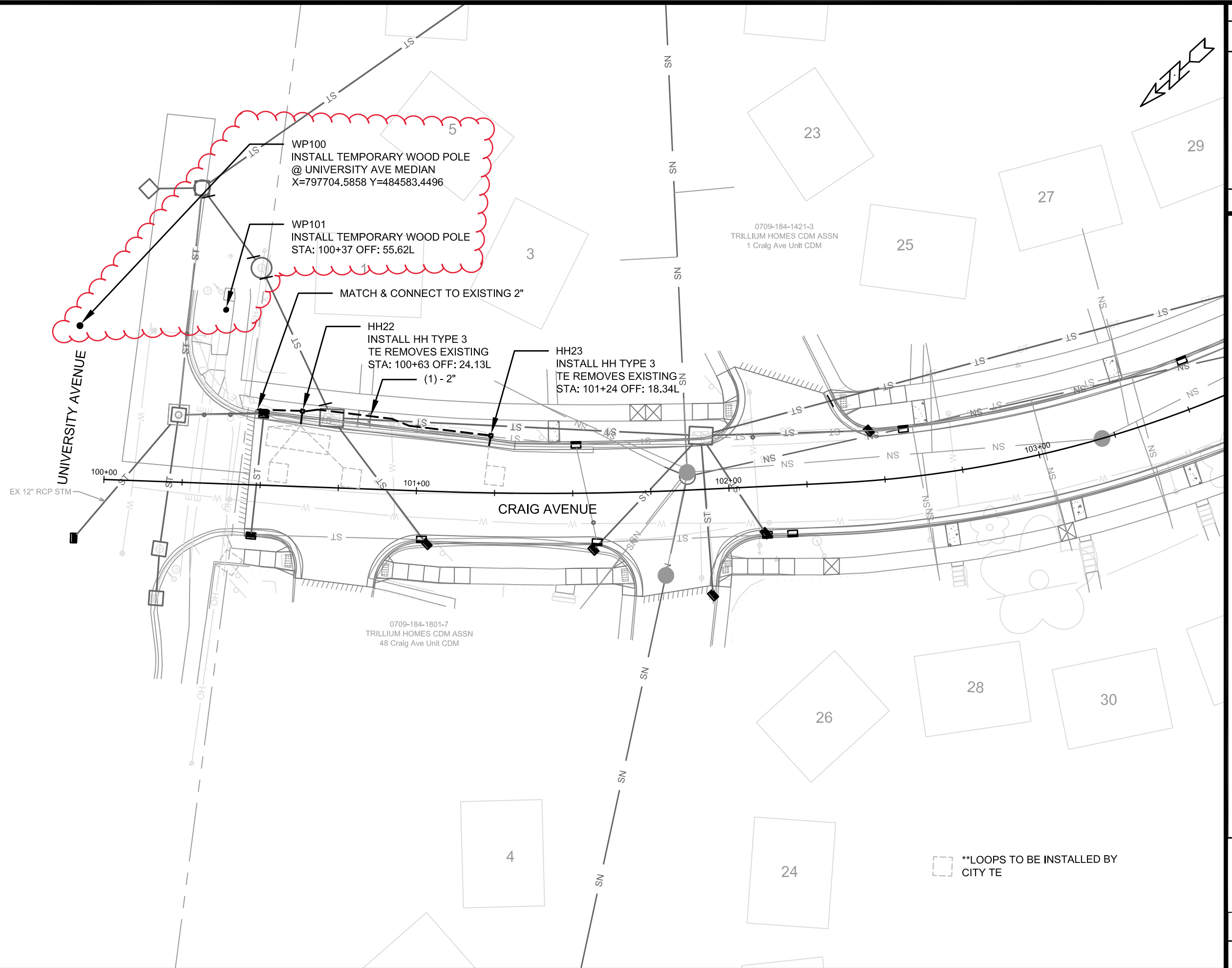
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AMERICAN NATIONAL  
RED CROSS  
4860 Sheboygan Ave

DATE	BY
REVISION	
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13175	Scale: 1"=30'
E-4	

13175  
MADISON, WI  
8568  
CONTRACT NO:



13175  
E-4



□ \*\*LOOPS TO BE INSTALLED BY CITY TE

REVISION	DATE	BY

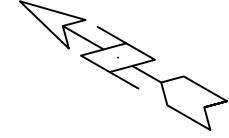
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CONTRACT NO: 8650

ELECTRICAL PLAN  
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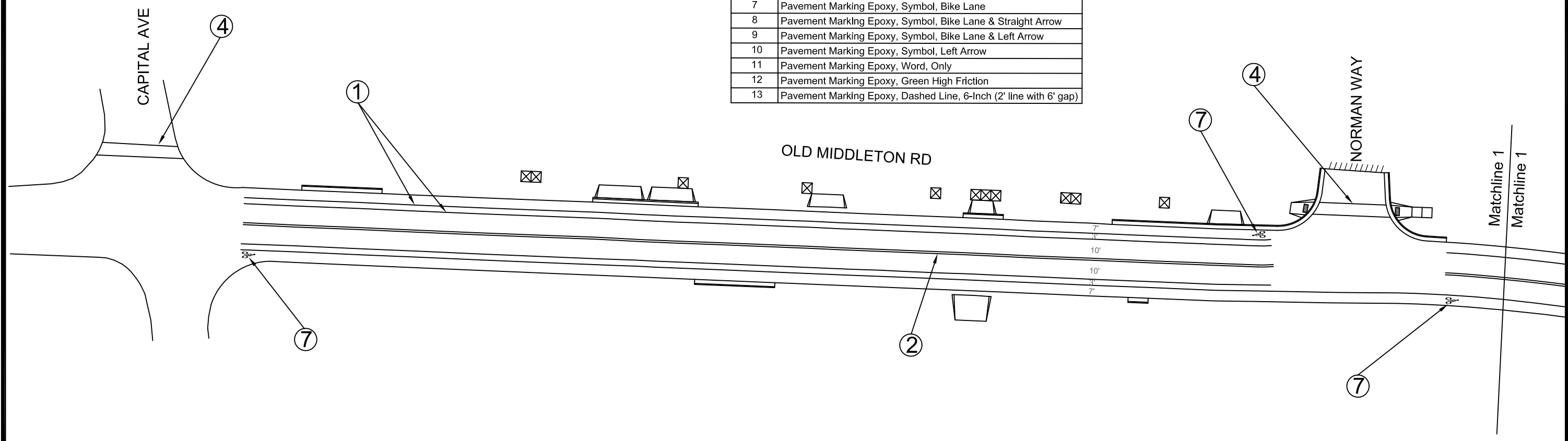


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E-5

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E-5



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2	Pavement Marking Epoxy, Double Line, 4-Inch
3	Pavement Marking Epoxy, Line, 8-Inch
4	Pavement Marking Epoxy, Crosswalk, 6-Inch
5	Pavement Marking Epoxy, Continental Crosswalk, 18-Inch
6	Pavement Marking Epoxy, Stop Line, 24-Inch
7	Pavement Marking Epoxy, Symbol, Bike Lane
8	Pavement Marking Epoxy, Symbol, Bike Lane & Straight Arrow
9	Pavement Marking Epoxy, Symbol, Bike Lane & Left Arrow
10	Pavement Marking Epoxy, Symbol, Left Arrow
11	Pavement Marking Epoxy, Word, Only
12	Pavement Marking Epoxy, Green High Friction
13	Pavement Marking Epoxy, Dashed Line, 6-Inch (2' line with 6' gap)



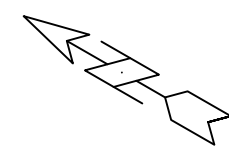
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 CONTRACT NO:  
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 PM-1  
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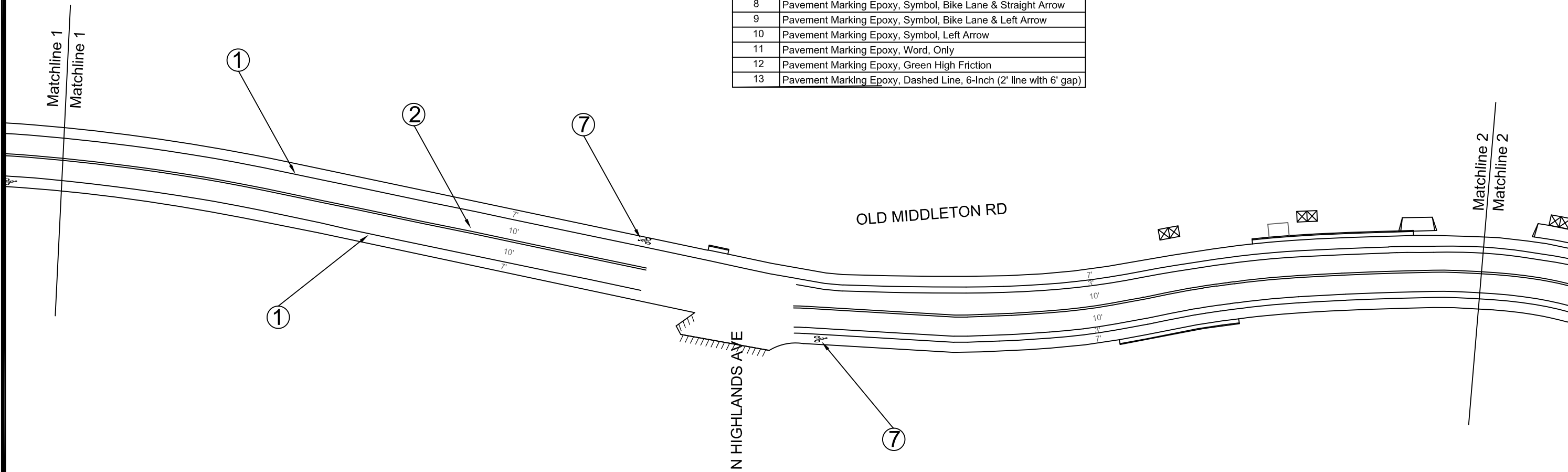


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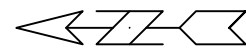
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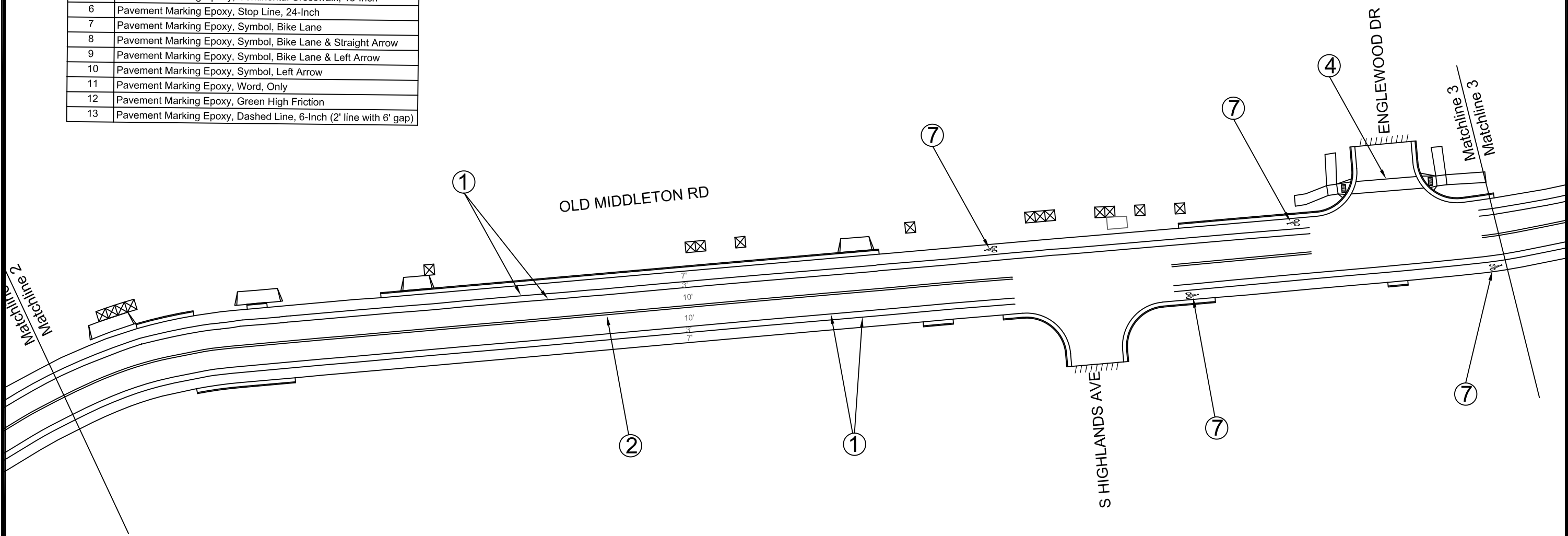
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 8568  
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 PM-2

  
 13175  
 PM-2



Callout	Description
1	Pavement Marking Epoxy, Line, 4-Inch
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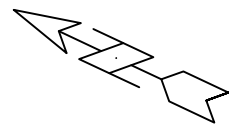
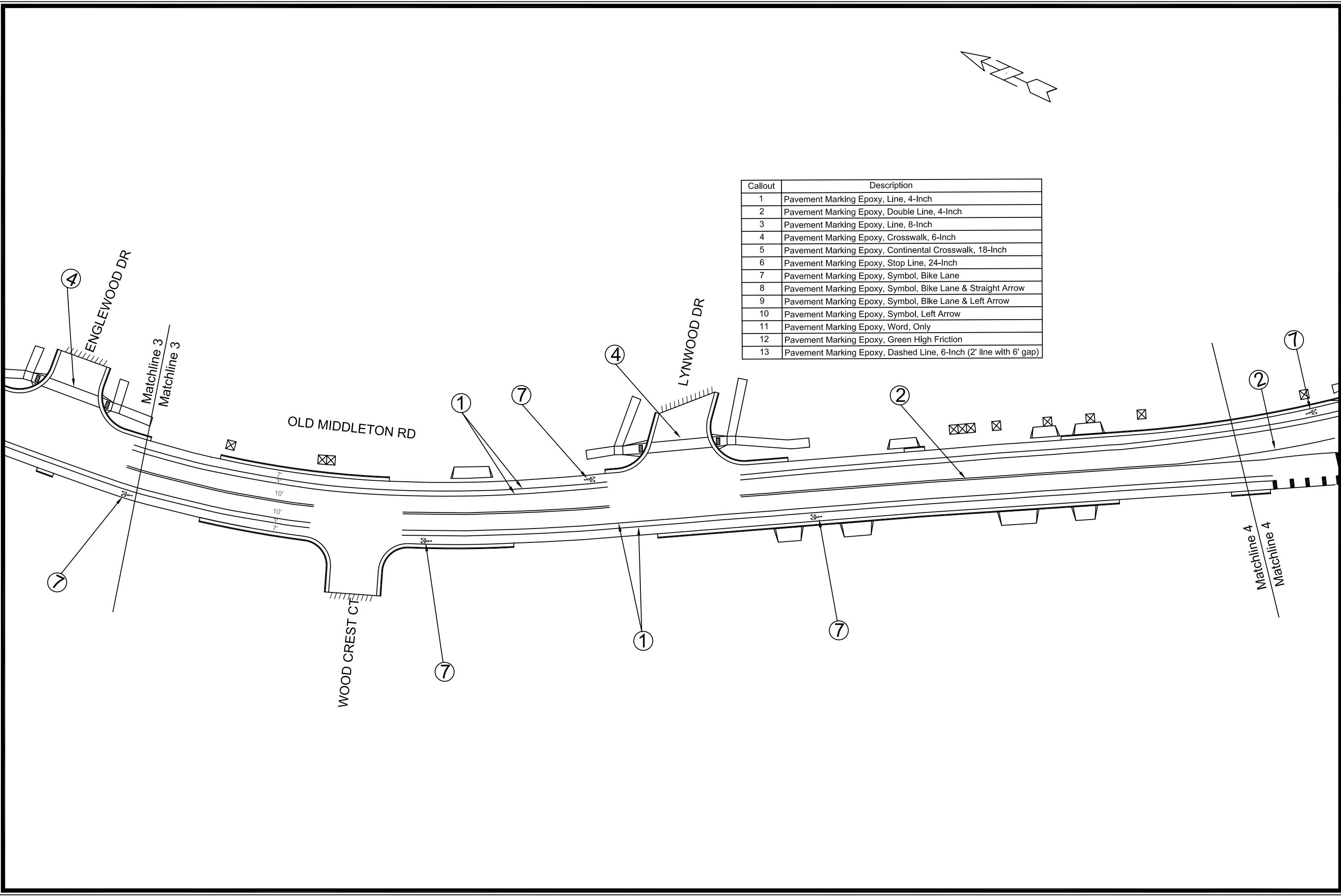
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13175  
 MADISON, WI  
 8568  
 CONTRACT NO:  
 13175TE-Pavement Marking Plan.dwg



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 PM-3

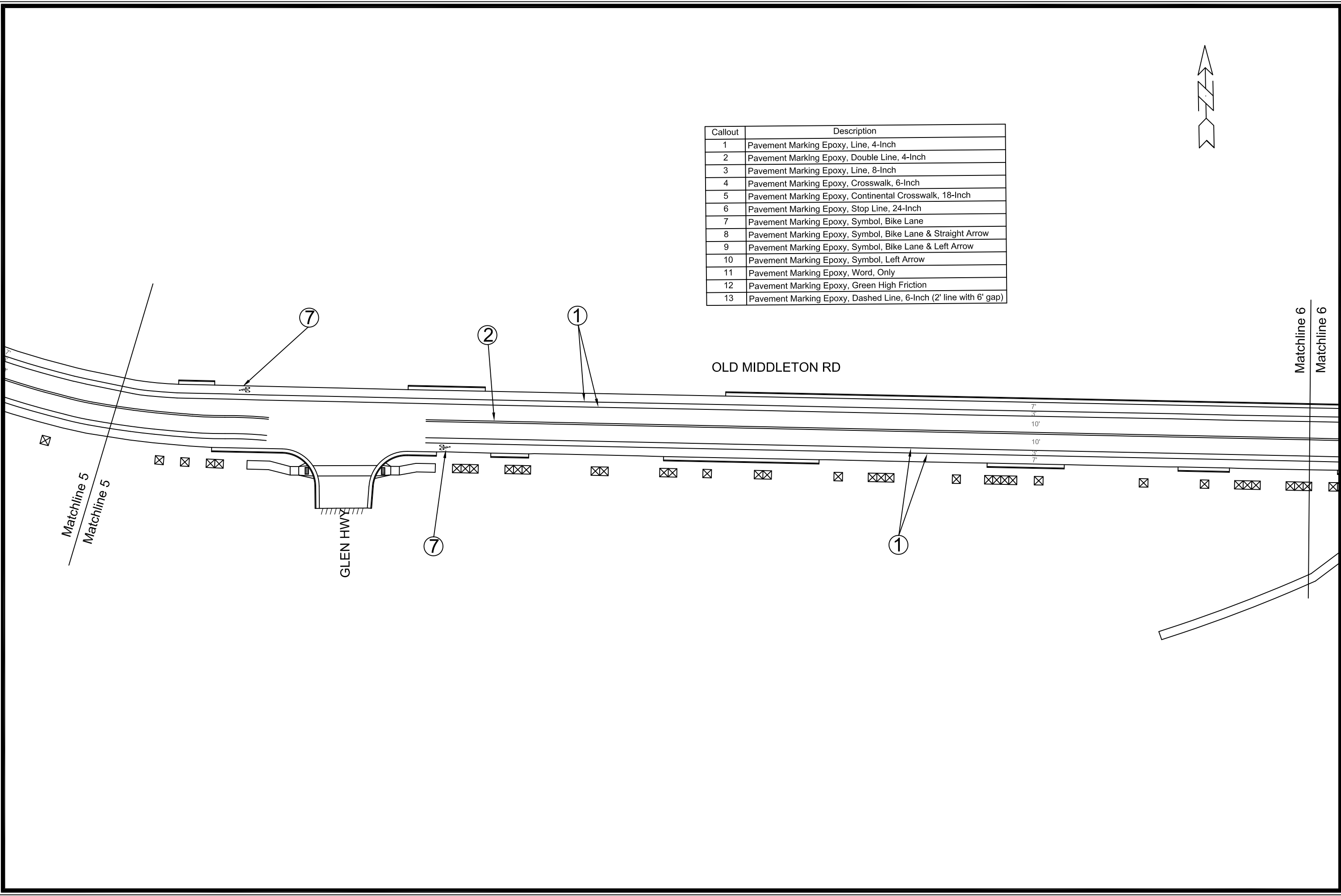


Callout	Description
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2	Pavement Marking Epoxy, Double Line, 4-Inch
3	Pavement Marking Epoxy, Line, 8-Inch
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9	Pavement Marking Epoxy, Symbol, Bike Lane & Left Arrow
10	Pavement Marking Epoxy, Symbol, Left Arrow
11	Pavement Marking Epoxy, Word, Only
12	Pavement Marking Epoxy, Green High Friction
13	Pavement Marking Epoxy, Dashed Line, 6-Inch (2' line with 6' gap)

	<b>13175</b> <b>PM-4</b>	<b>PAVEMENT MARKING PLAN</b> <b>OLD MIDDLETON RD &amp; CRAIG AVE RESURFACING</b>	<b>13175</b> <b>MADISON, WI</b> <b>8568</b> <b>CONTRACT NO:</b>	<table border="1" style="font-size: 8px;"> <tr> <td>MARK</td> <td>REVISION</td> <td>DATE</td> <td>BY</td> </tr> <tr> <td>13175</td> <td>2/16/2022</td> <td>11:50 AM</td> <td>PM-4</td> </tr> </table>	MARK	REVISION	DATE	BY	13175	2/16/2022	11:50 AM	PM-4
MARK	REVISION	DATE	BY									
13175	2/16/2022	11:50 AM	PM-4									
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Callout	Description
1	Pavement Marking Epoxy, Line, 4-Inch
2	Pavement Marking Epoxy, Double Line, 4-Inch
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13	Pavement Marking Epoxy, Dashed Line, 6-Inch (2' line with 6' gap)

**PAVEMENT MARKING PLAN**

**OLD MIDDLETON RD & CRAIG AVE RESURFACING**


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13175

MADISON, WI

8568

CONTRACT NO:



13175

PM-6

MARK: 13175

DESIGNED BY: ##

DATE: 2/16/2022 11:52 AM

REVISION: #

SCALE: #####

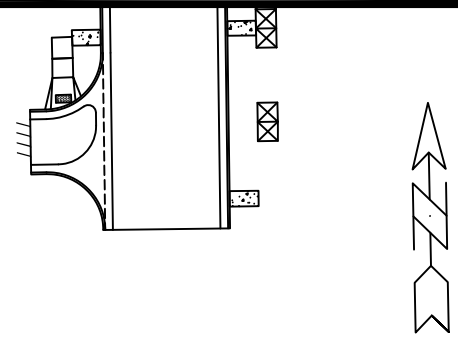
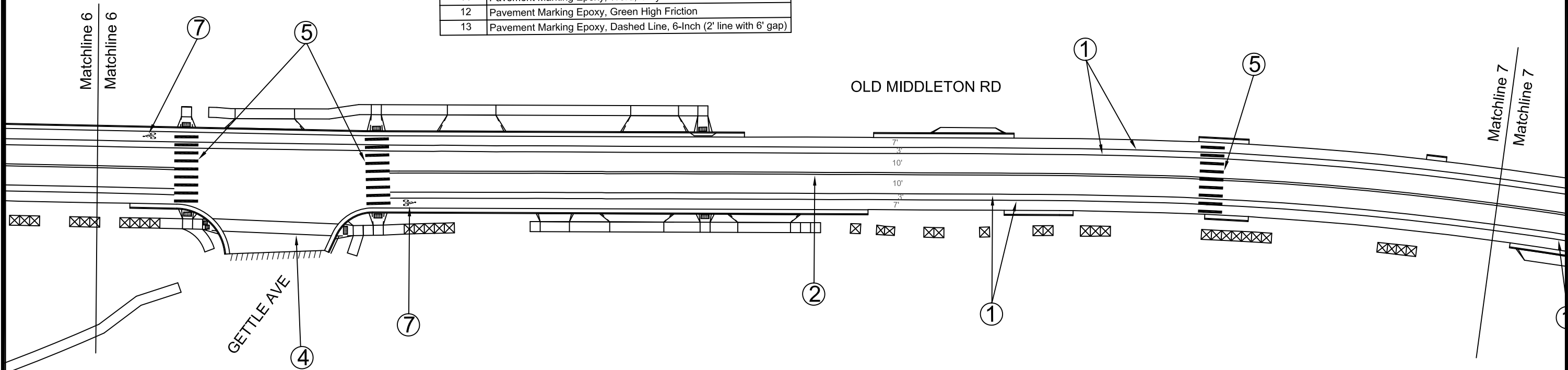
BY: PM-6

13175

8568

CONTRACT NO:

Callout	Description
1	Pavement Marking Epoxy, Line, 4-Inch
2	Pavement Marking Epoxy, Double Line, 4-Inch
3	Pavement Marking Epoxy, Line, 8-Inch
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11	Pavement Marking Epoxy, Word, Only
12	Pavement Marking Epoxy, Green High Friction
13	Pavement Marking Epoxy, Dashed Line, 6-Inch (2' line with 6' gap)



MARK	REVISION	DATE	BY
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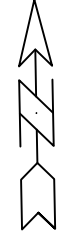
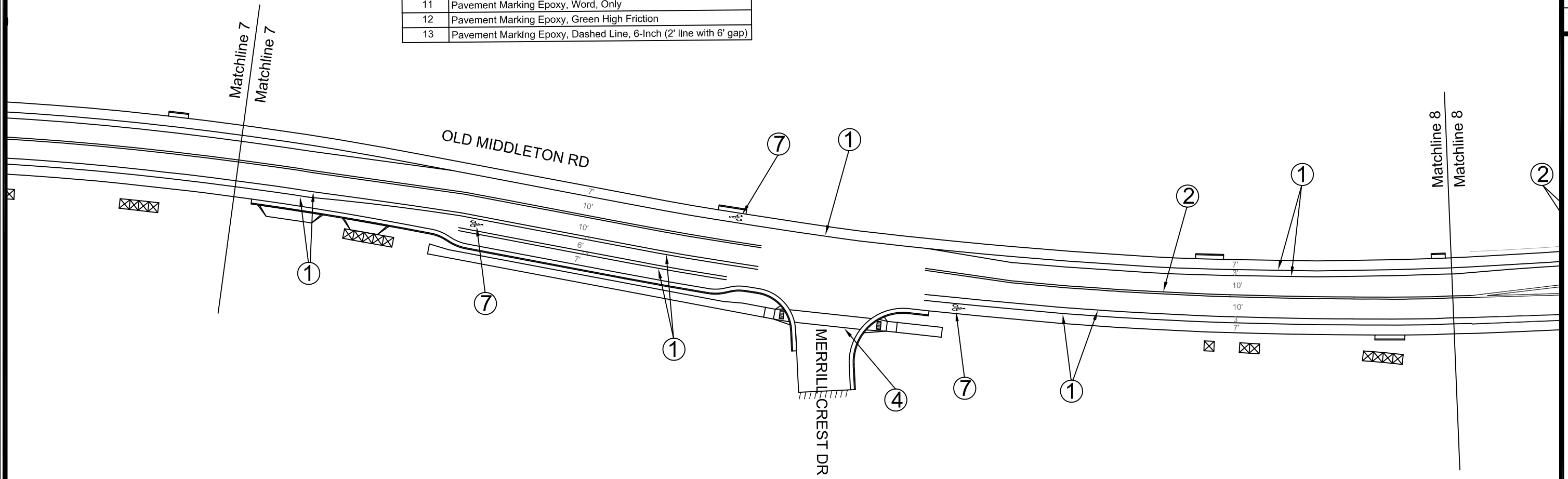
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 MADISON, WI  
 8568  
 CONTRACT NO:  
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13175  
 PM-7



Callout	Description
1	Pavement Marking Epoxy, Line, 4-Inch
2	Pavement Marking Epoxy, Double Line, 4-Inch
3	Pavement Marking Epoxy, Line, 8-Inch
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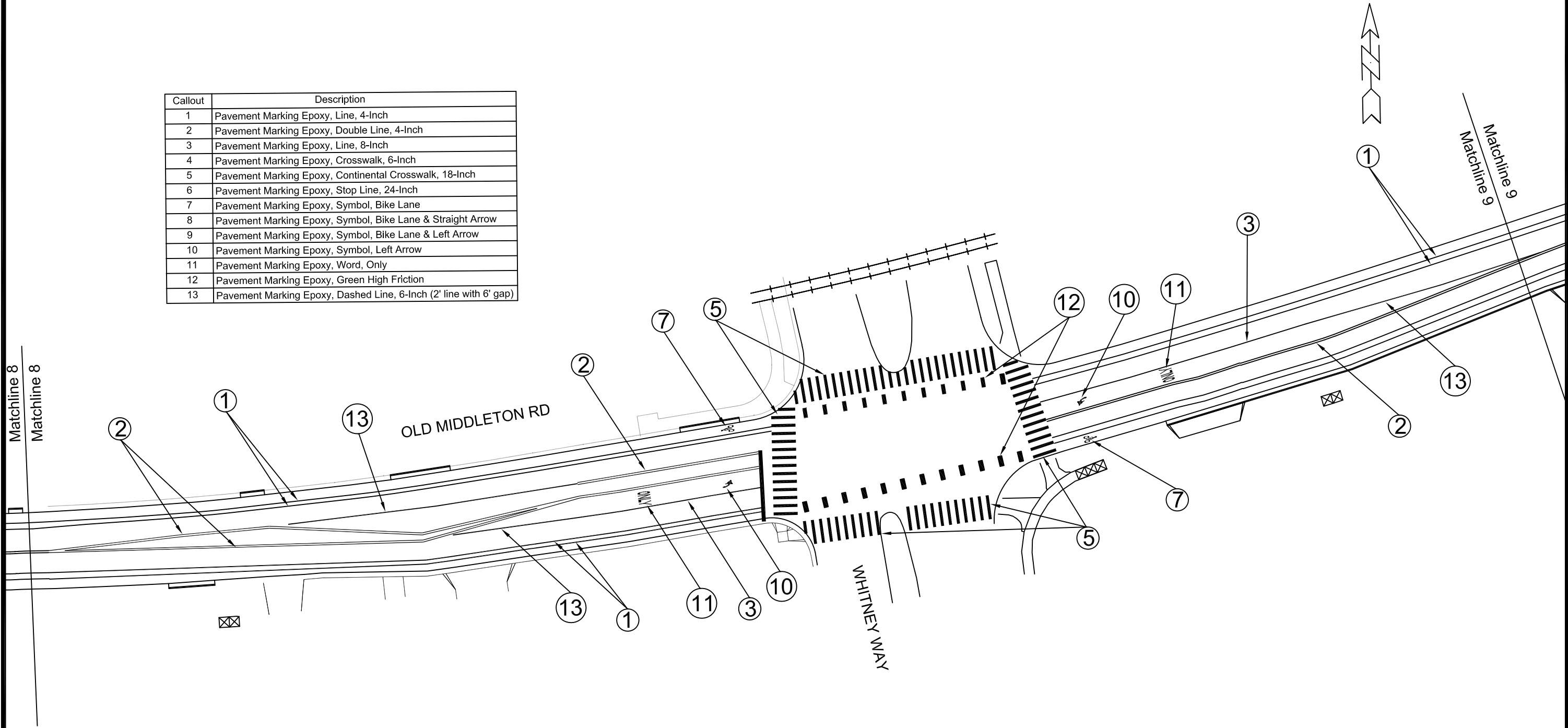
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 MADISON, WI  
 8568  
 CONTRACT NO:  
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13175  
 PM-8

Callout	Description
1	Pavement Marking Epoxy, Line, 4-Inch
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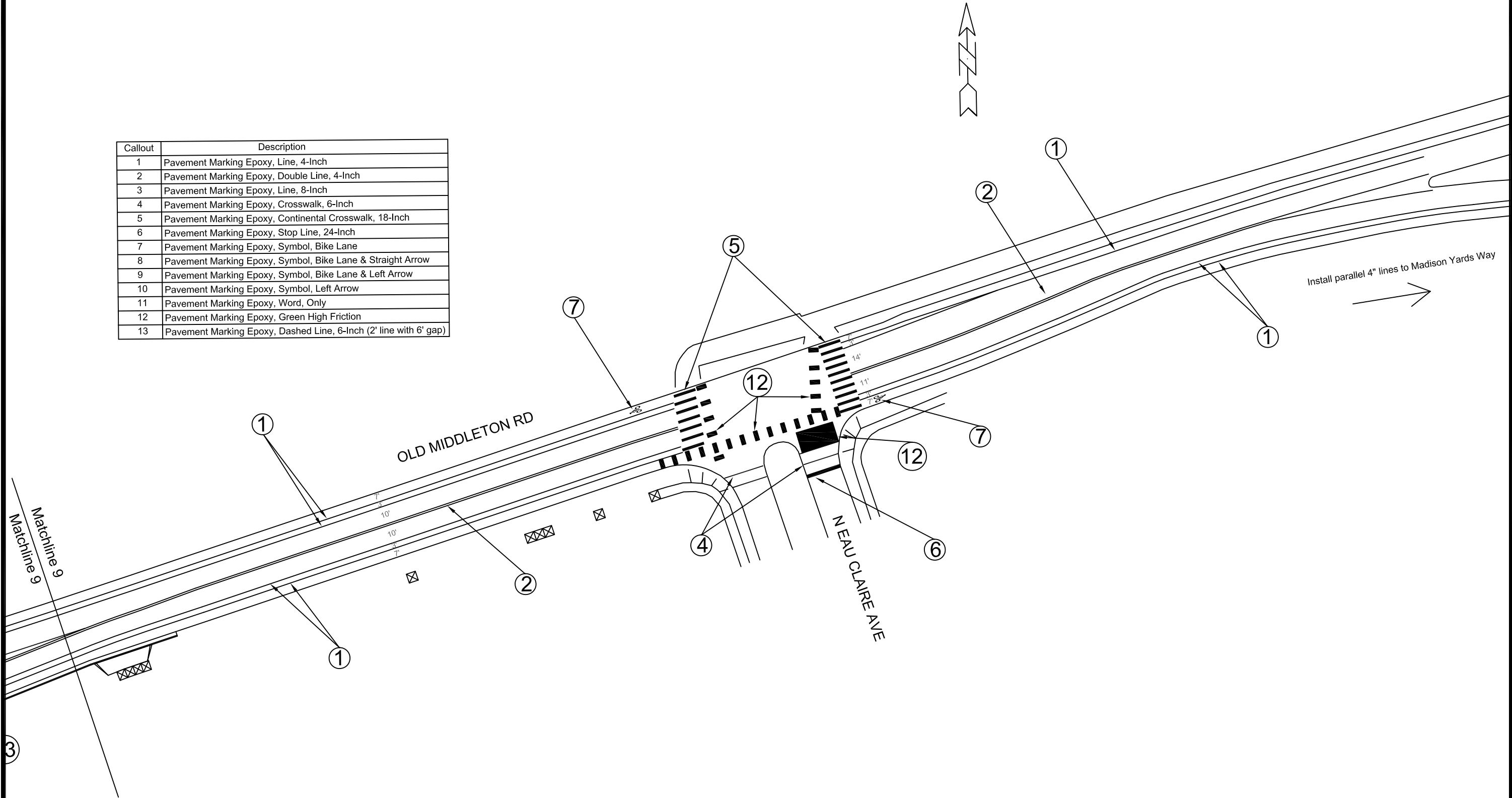
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8568  
CONTRACT NO:

PAVEMENT MARKING PLAN  
 OLD MIDDLETON RD & CRAIG AVE RESURFACING  
 U:\Rough Drafts\Old Middleton Rd\13175TE-Pavement Marking Plan.dwg



13175  
PM-9

Callout	Description
1	Pavement Marking Epoxy, Line, 4-Inch
2	Pavement Marking Epoxy, Double Line, 4-Inch
3	Pavement Marking Epoxy, Line, 8-Inch
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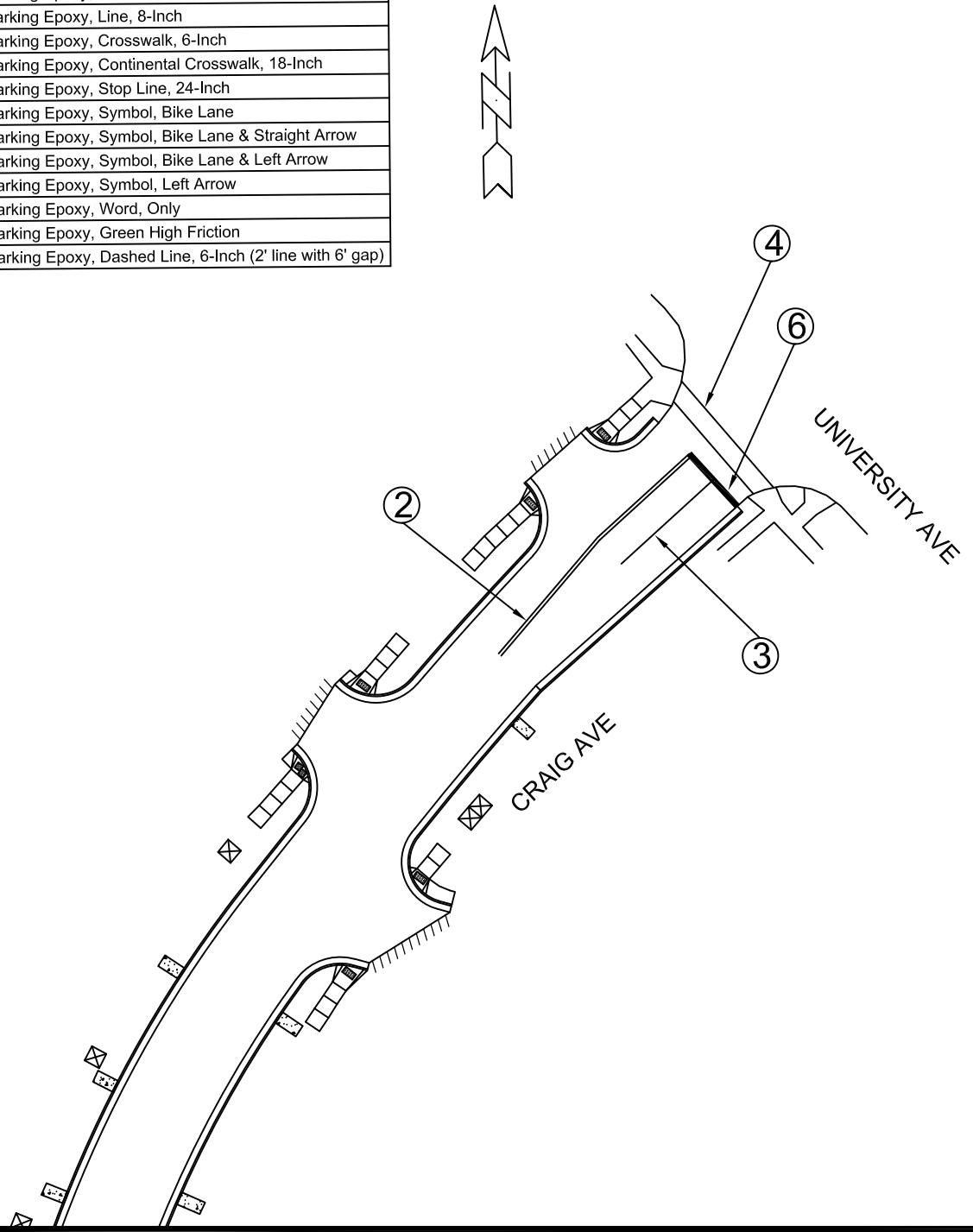
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8568  
CONTRACT NO:

PAVEMENT MARKING PLAN  
OLD MIDDLETON RD & CRAIG AVE RESURFACING  
U:\Rough Drafts\Old Middleton Rd\13175TE-Pavement Marking Plan.dwg



13175  
PM-10

Callout	Description
1	Pavement Marking Epoxy, Line, 4-Inch
2	Pavement Marking Epoxy, Double Line, 4-Inch
3	Pavement Marking Epoxy, Line, 8-Inch
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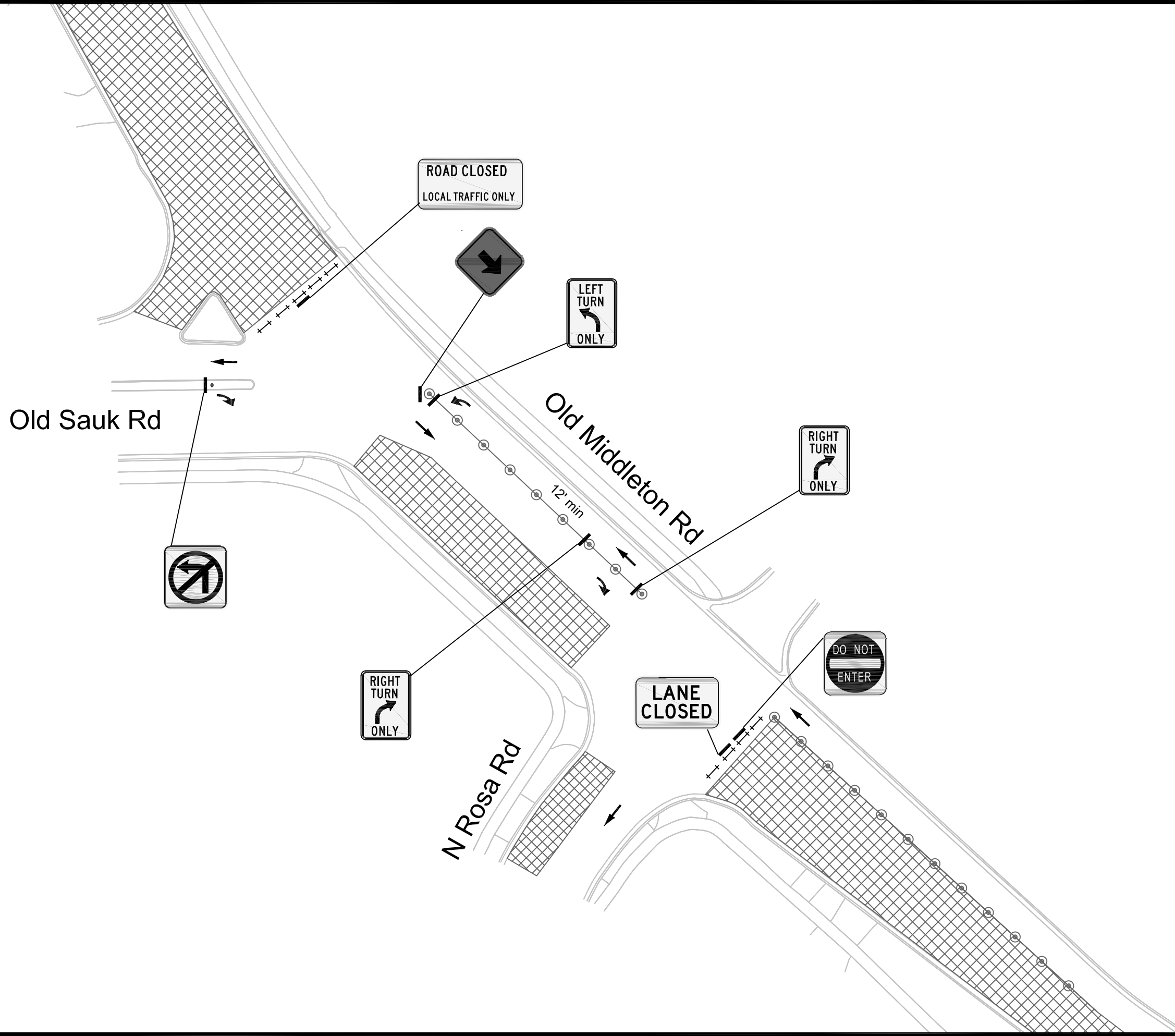
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PAVEMENT MARKING PLAN  
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PM-11






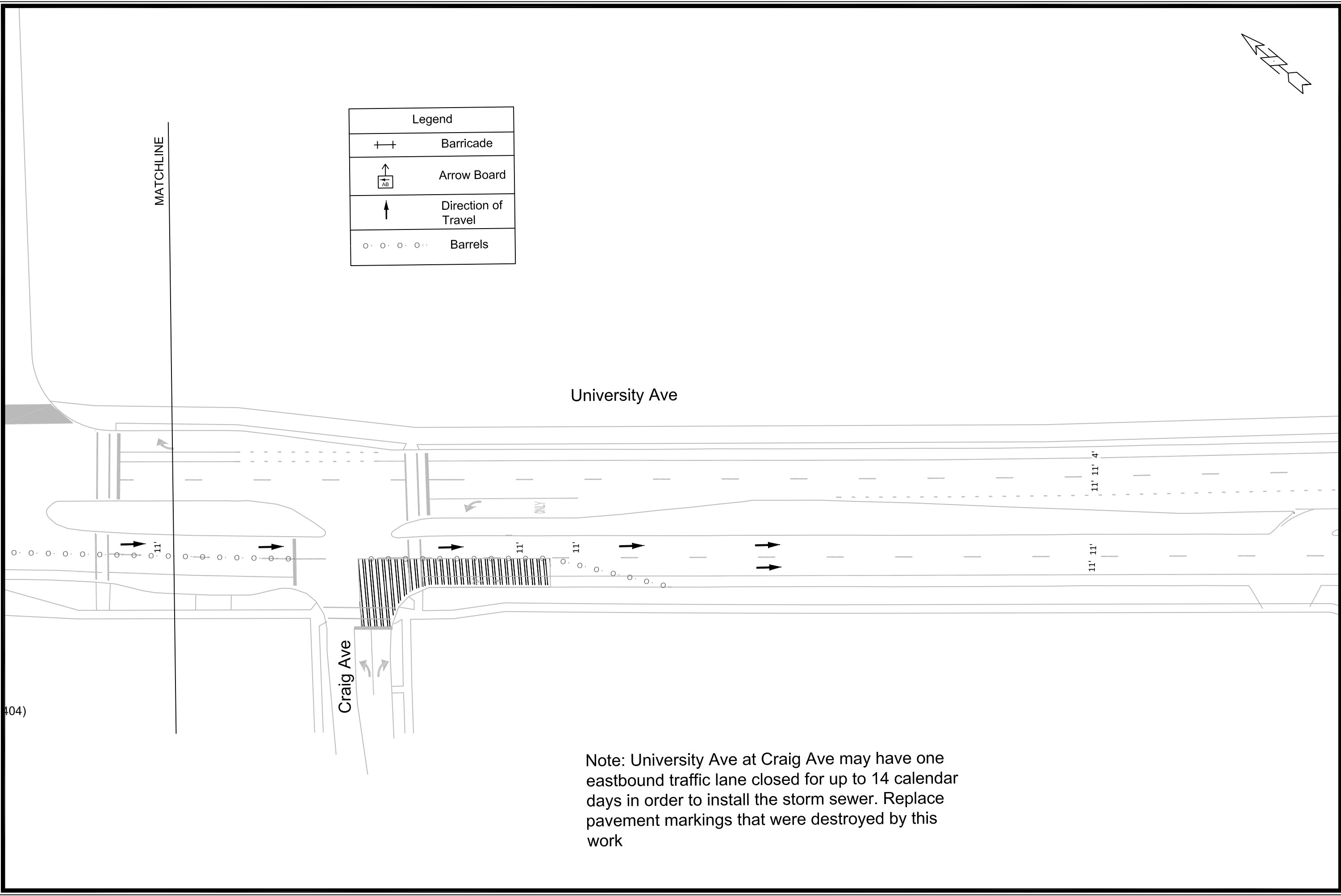


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 CONTRACT NO: 8568  
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 13175  
 TC-1





Legend	
⊕⊕	Barricade
↑ AB	Arrow Board
↑	Direction of Travel
○ ○ ○ ○ ○ ○ ○ ○	Barrels

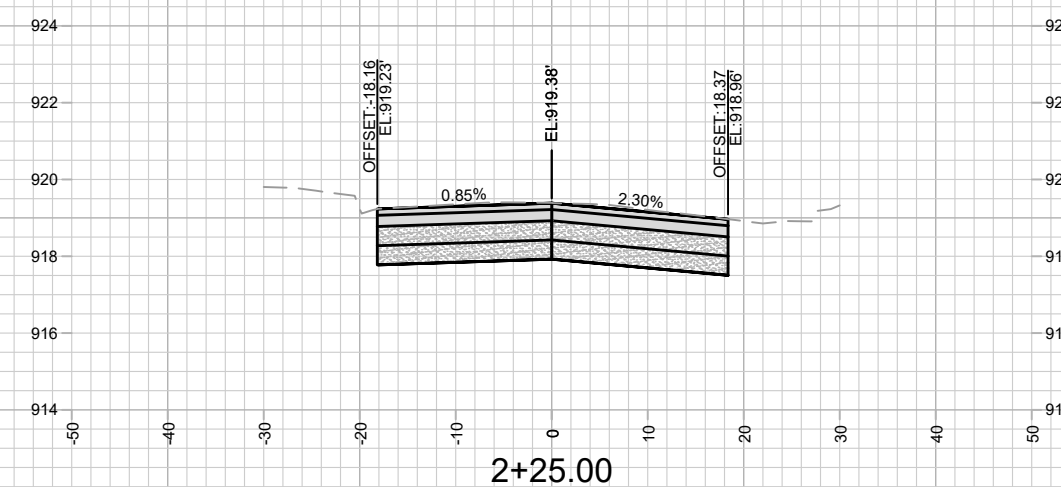
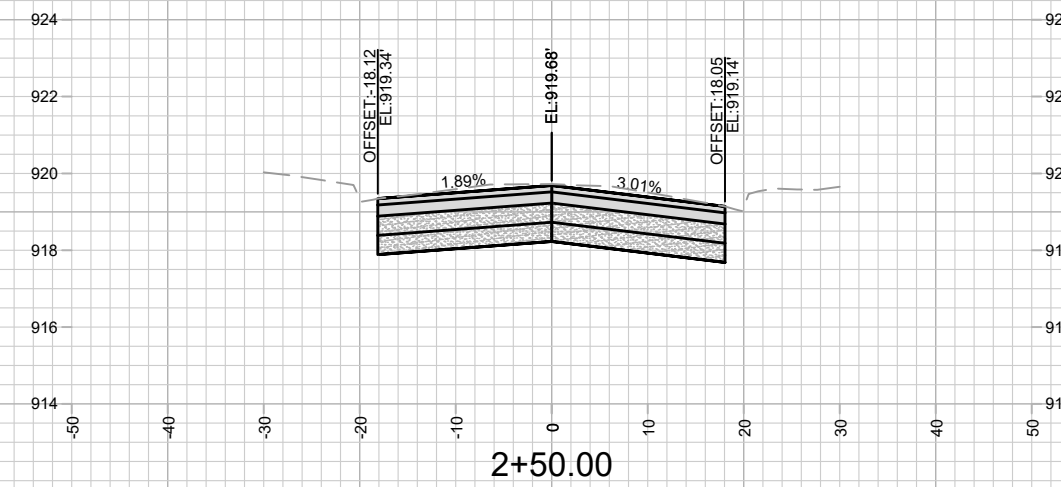
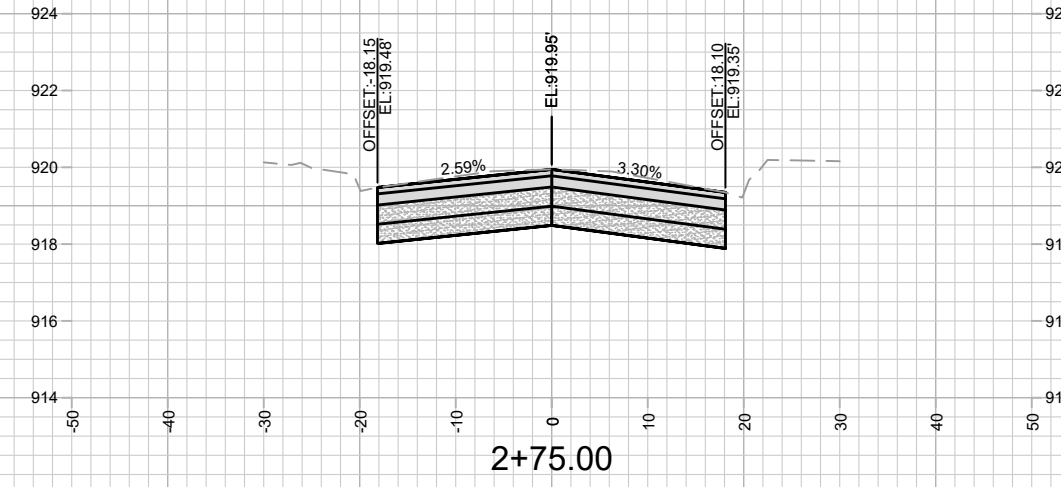
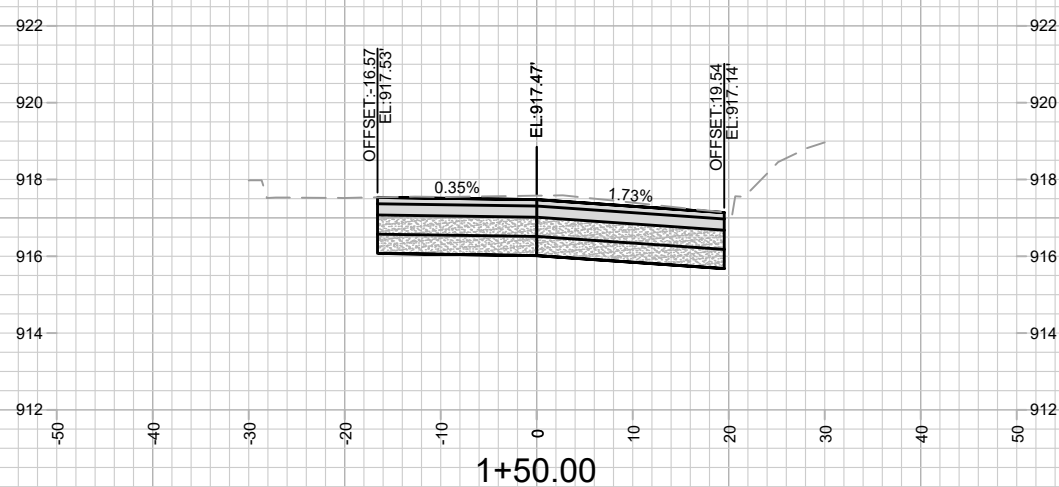
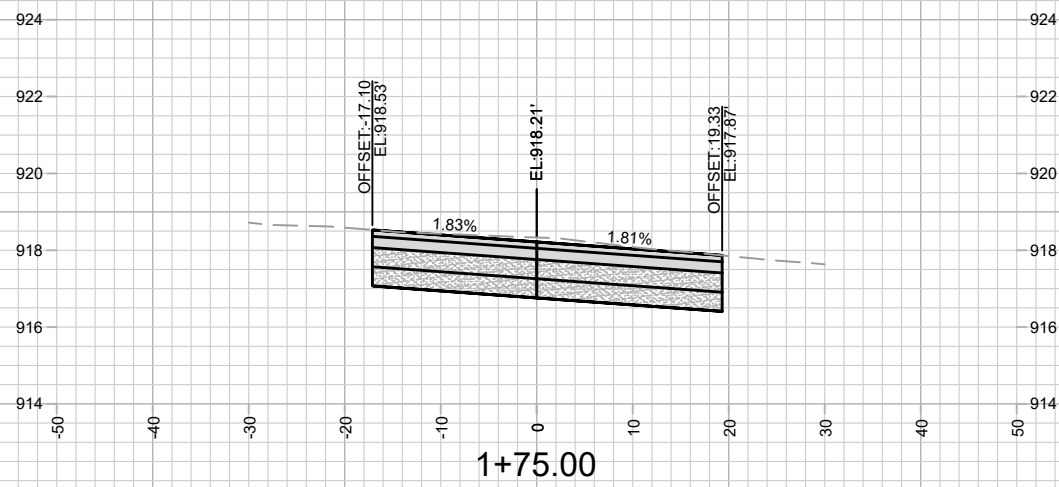
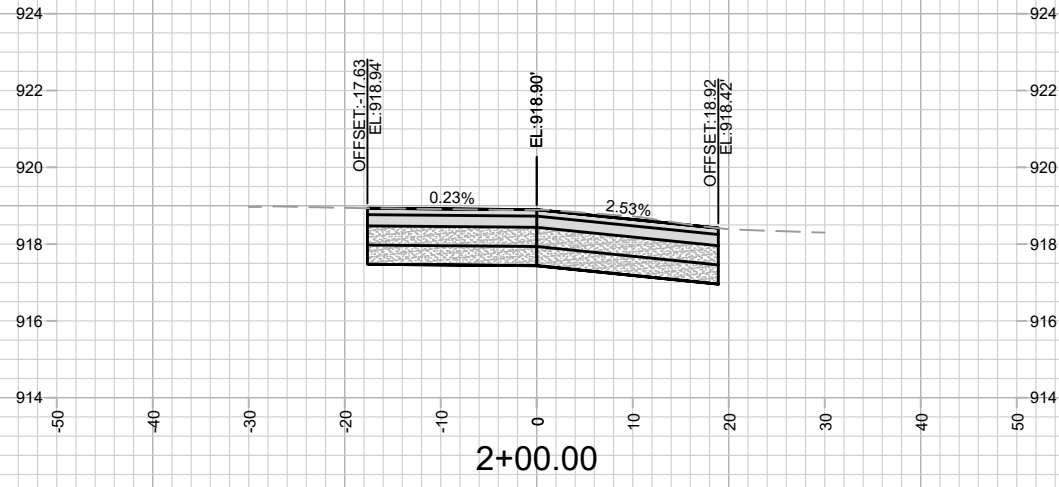
University Ave

Craig Ave

MATCHLINE

Note: University Ave at Craig Ave may have one eastbound traffic lane closed for up to 14 calendar days in order to install the storm sewer. Replace pavement markings that were destroyed by this work

	TRAFFIC CONTROL PLAN	13175												
	OLD MIDDLETON RD & CRAIG AVE RESURFACING	MADISON, WI												
<small>M:\DESIGN\Projects\13175\CAD\Traffic\13175TE-University Ave Traffic Control.dwg</small>		8650												
<b>13175</b> <b>TC-3</b>		CONTRACT NO: 13175												
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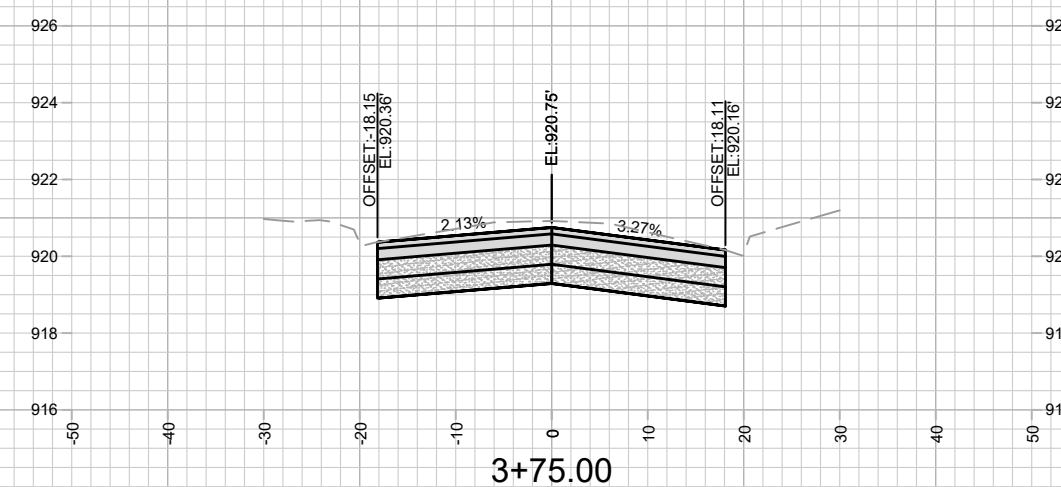
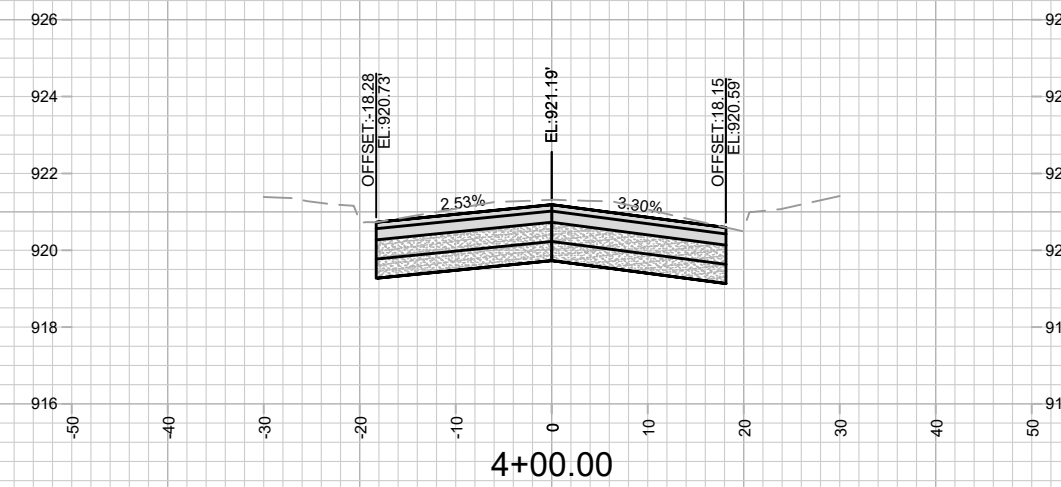
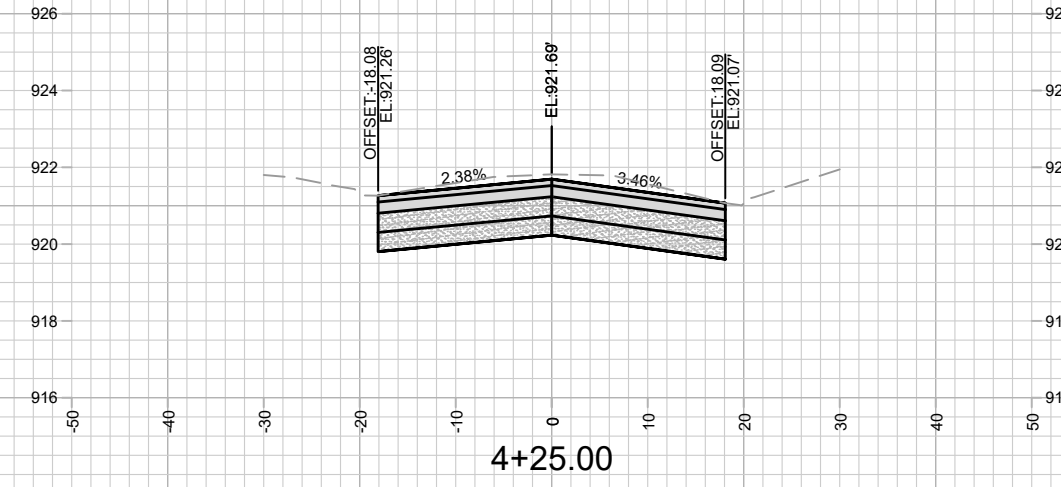
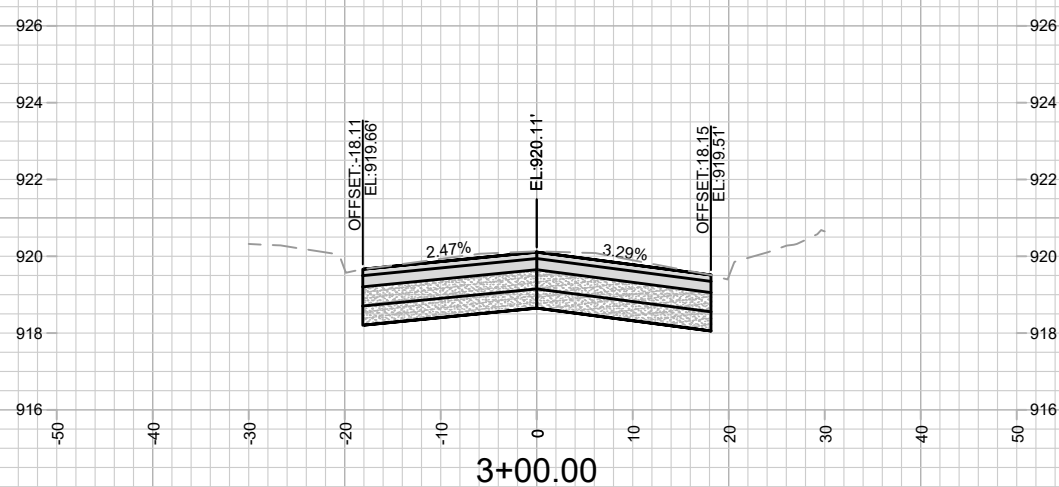
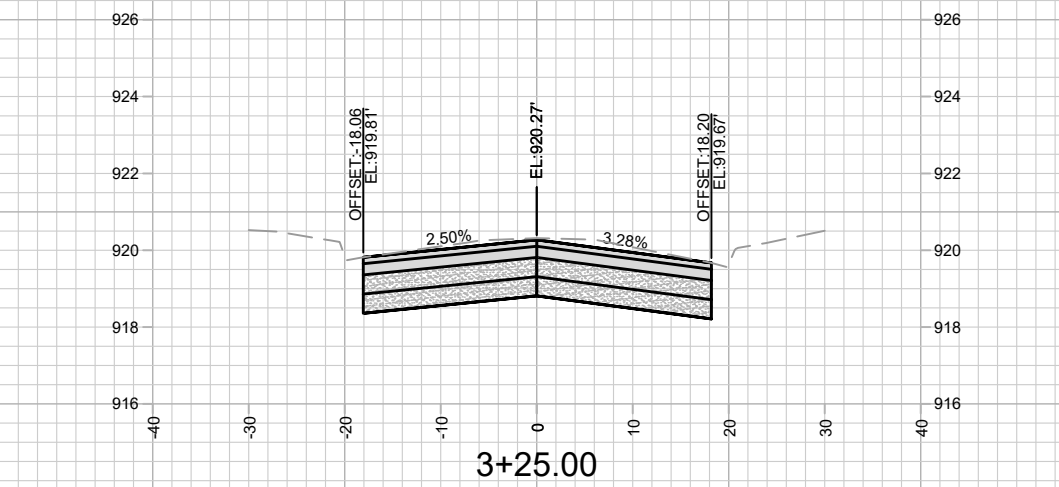
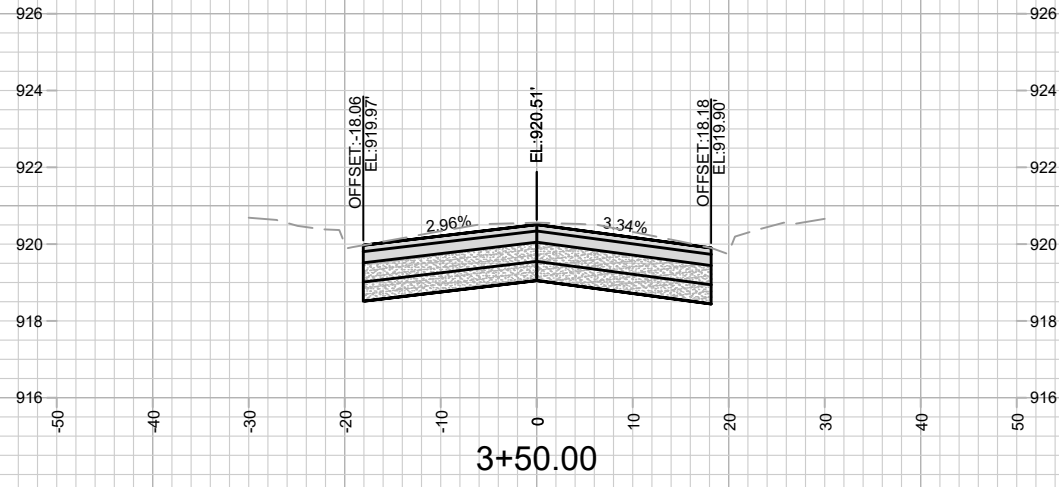
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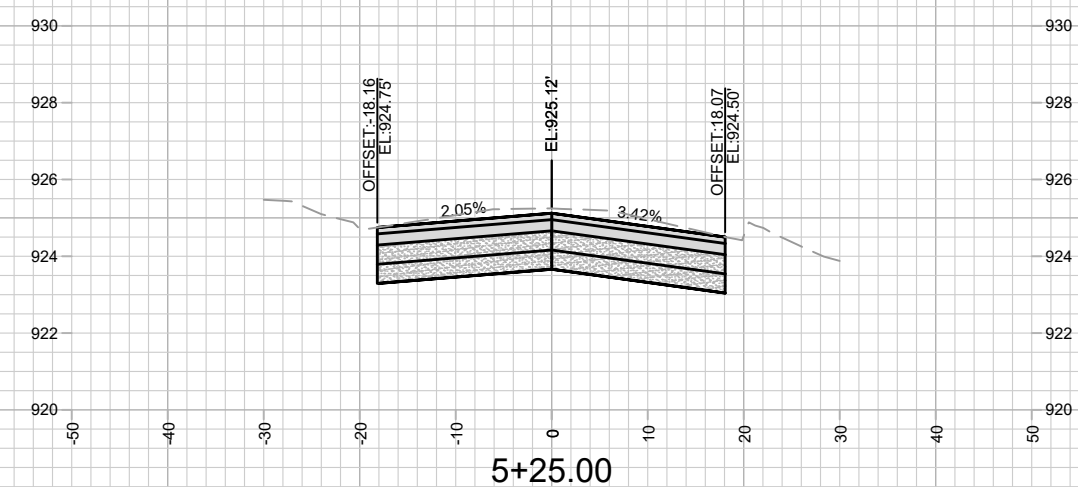
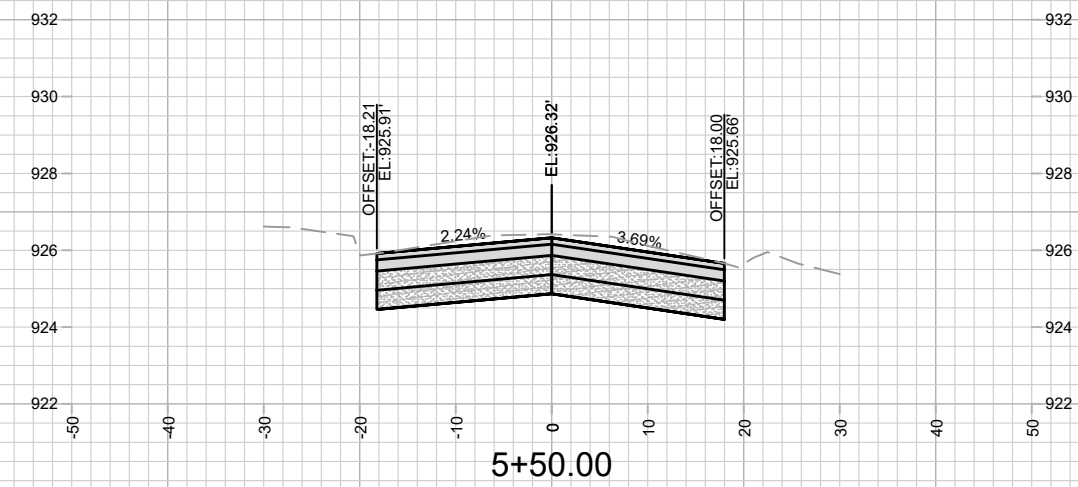
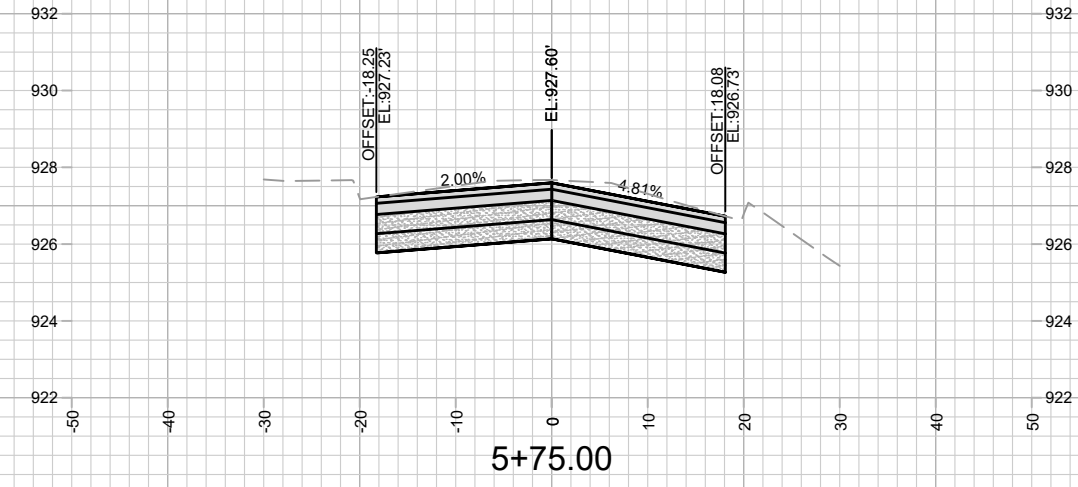
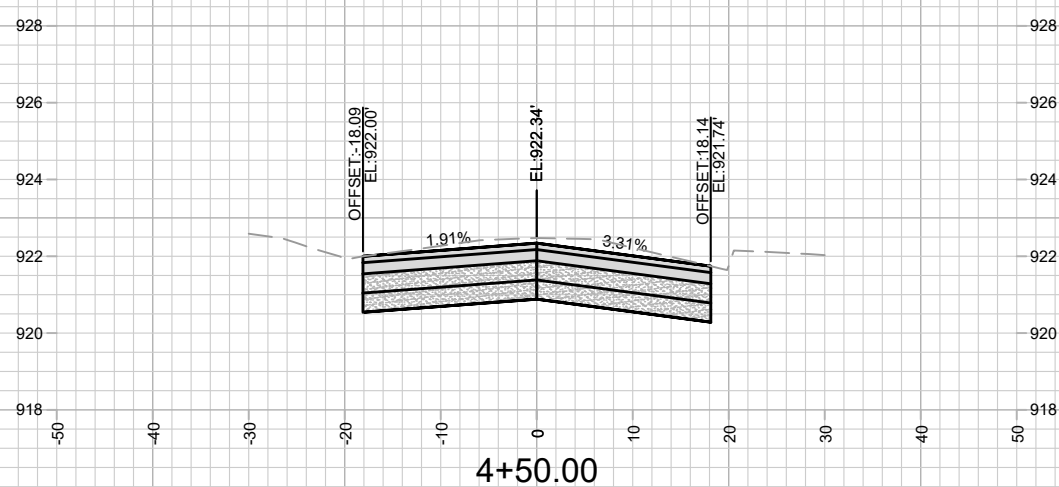
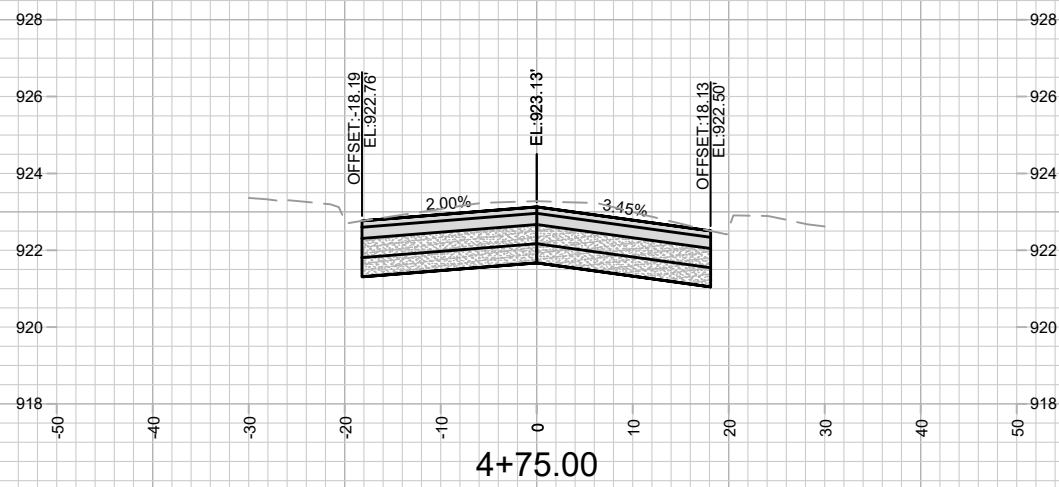
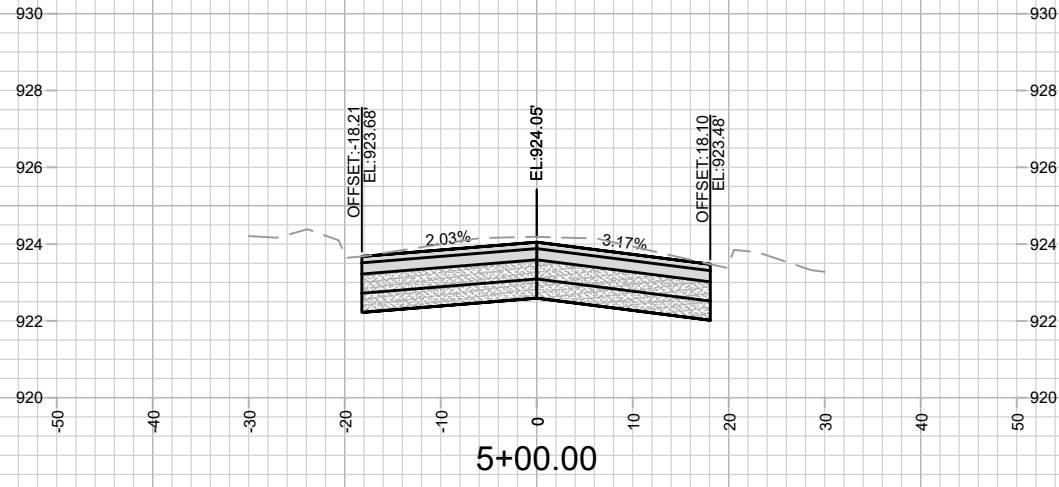


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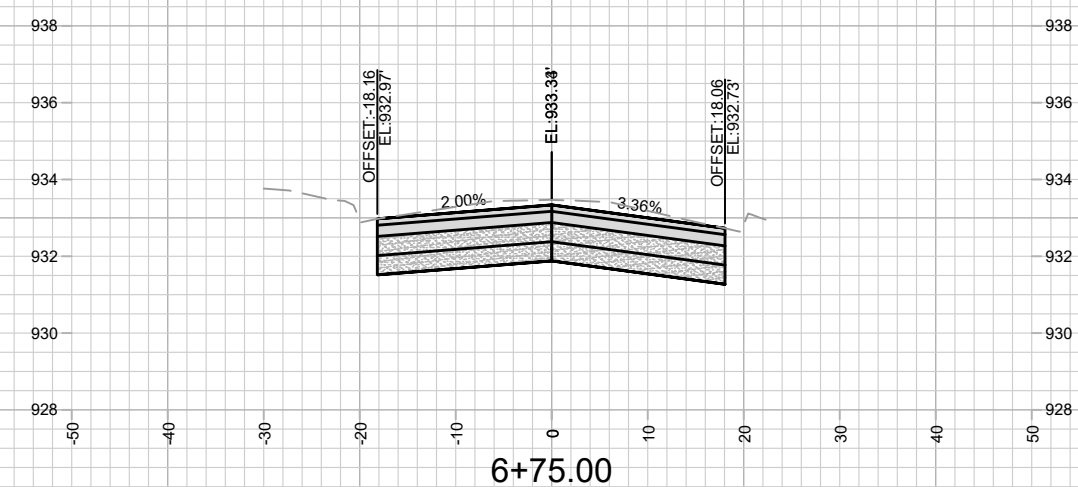
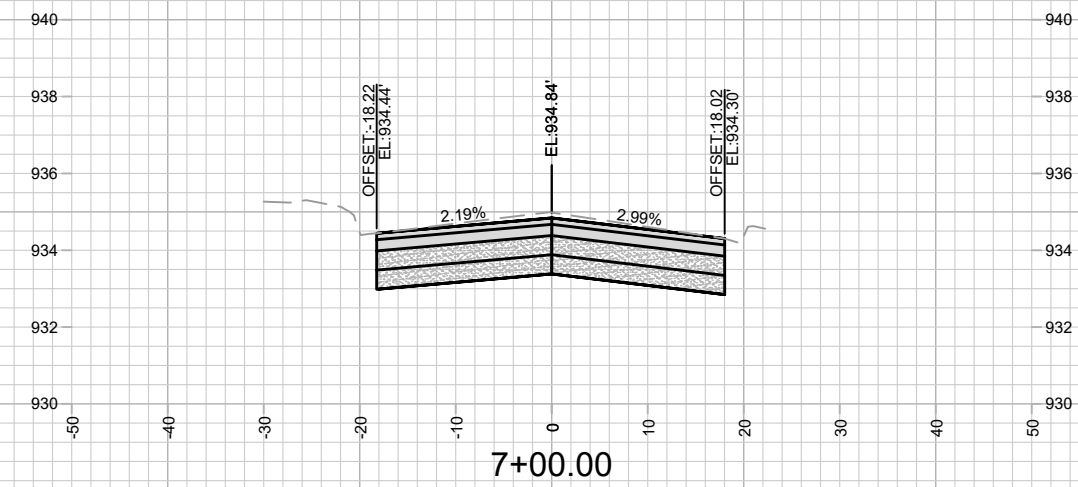
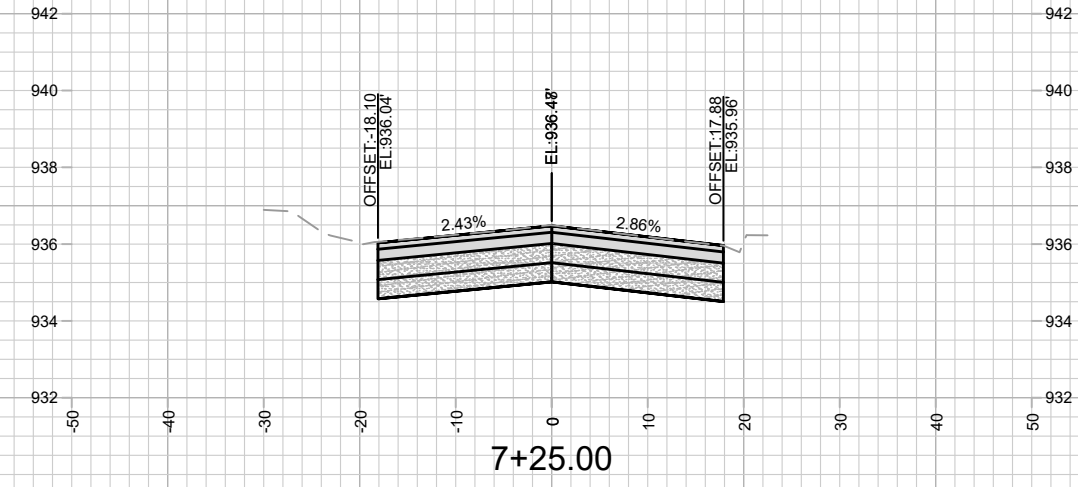
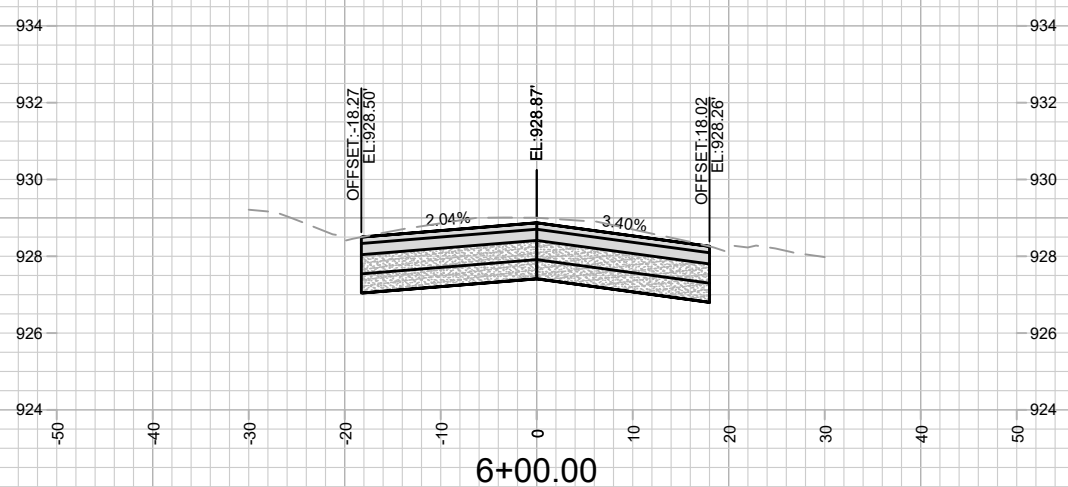
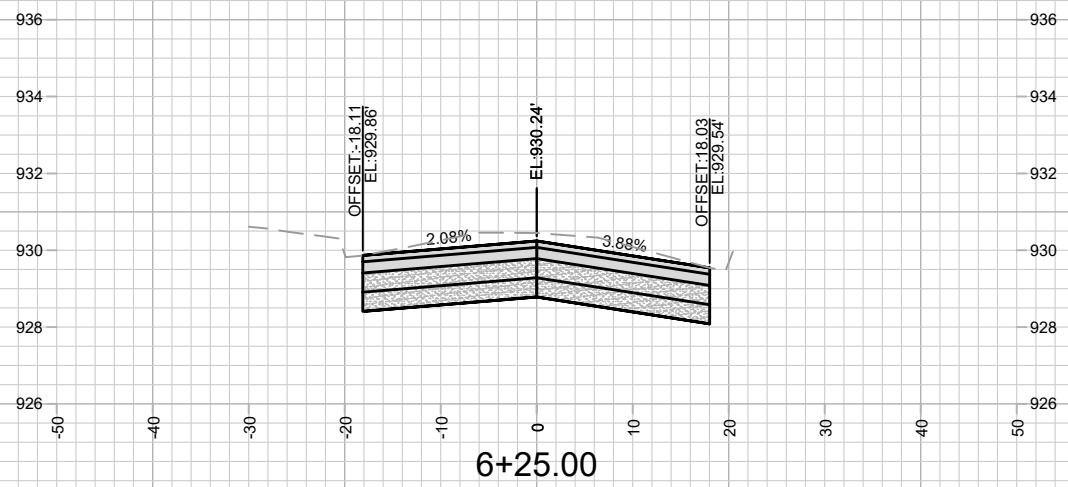
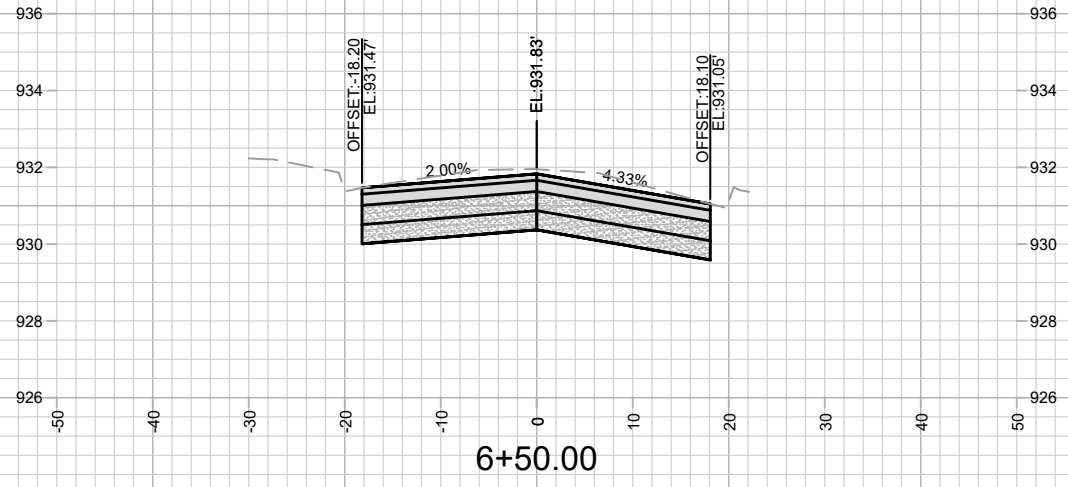


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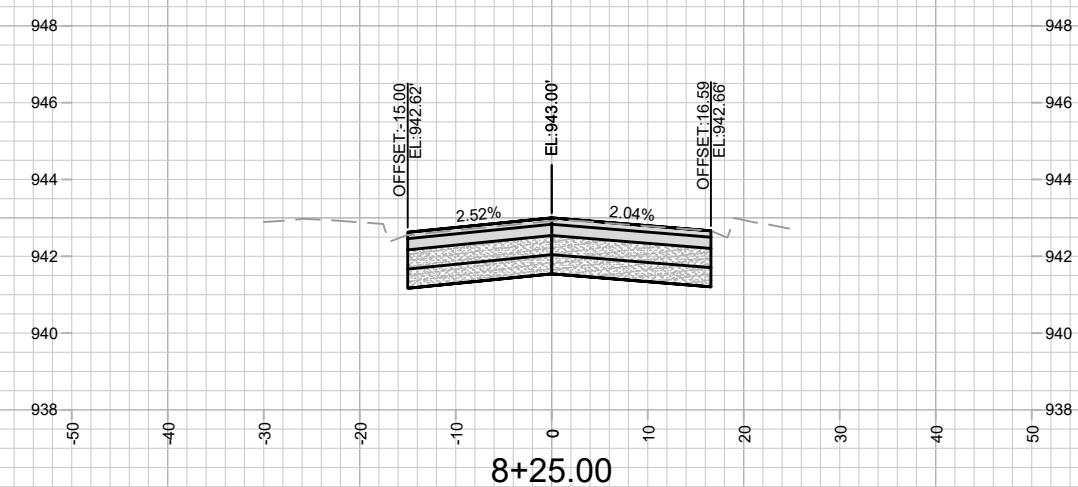
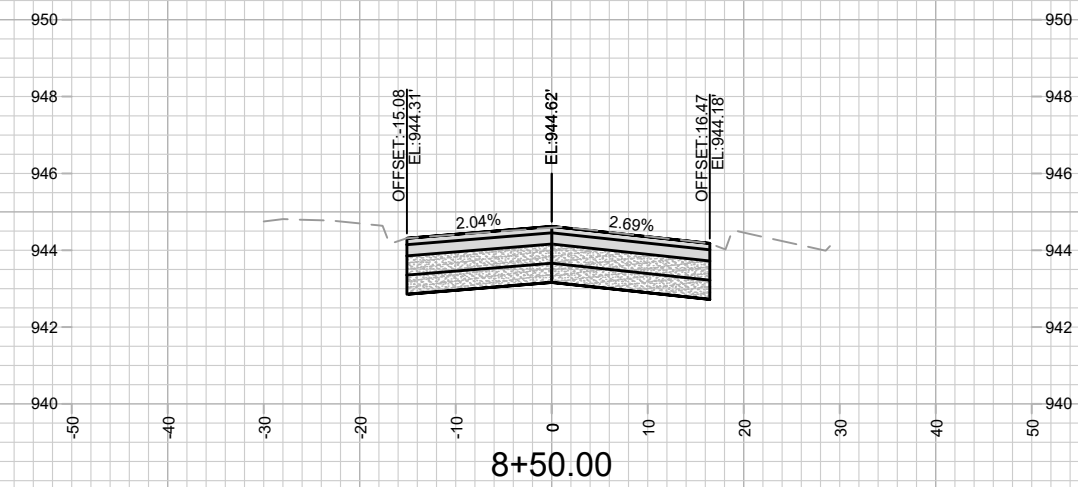
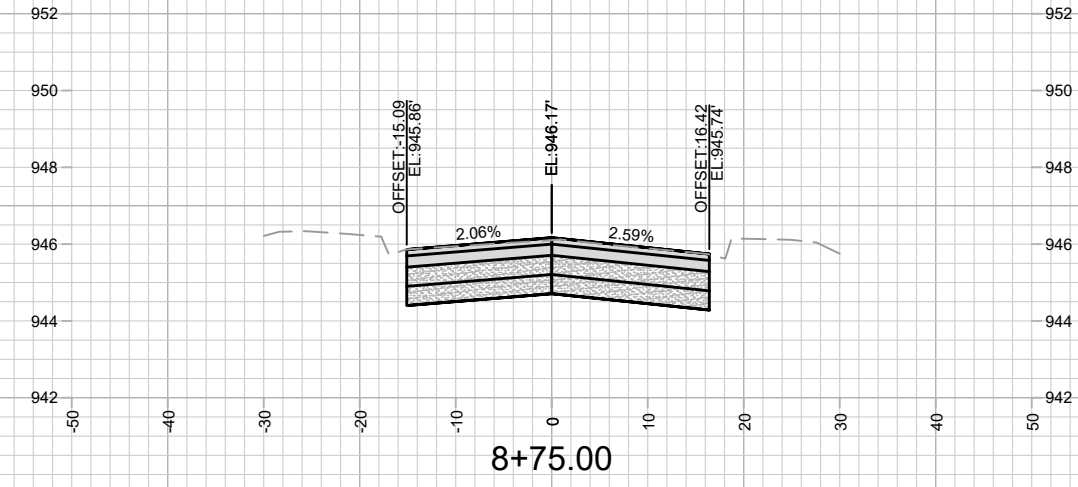
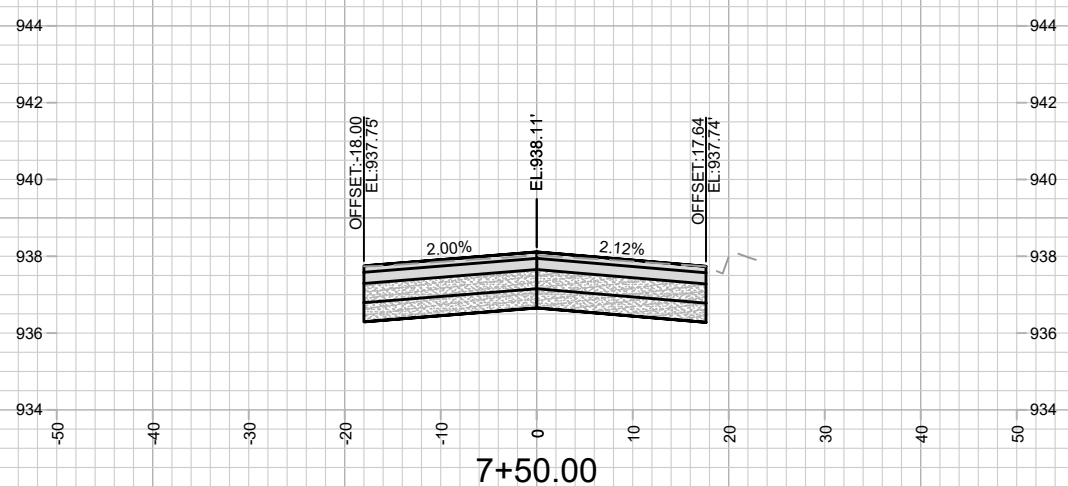
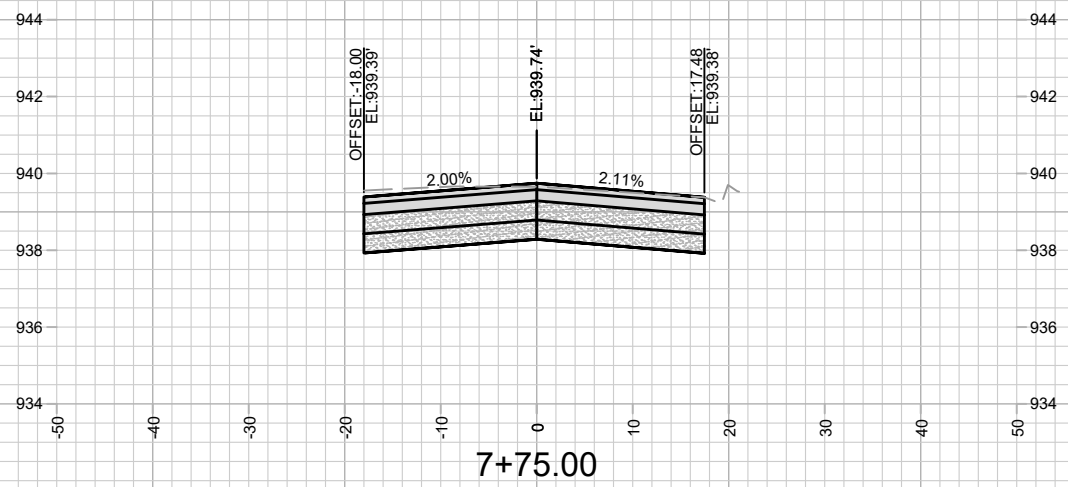
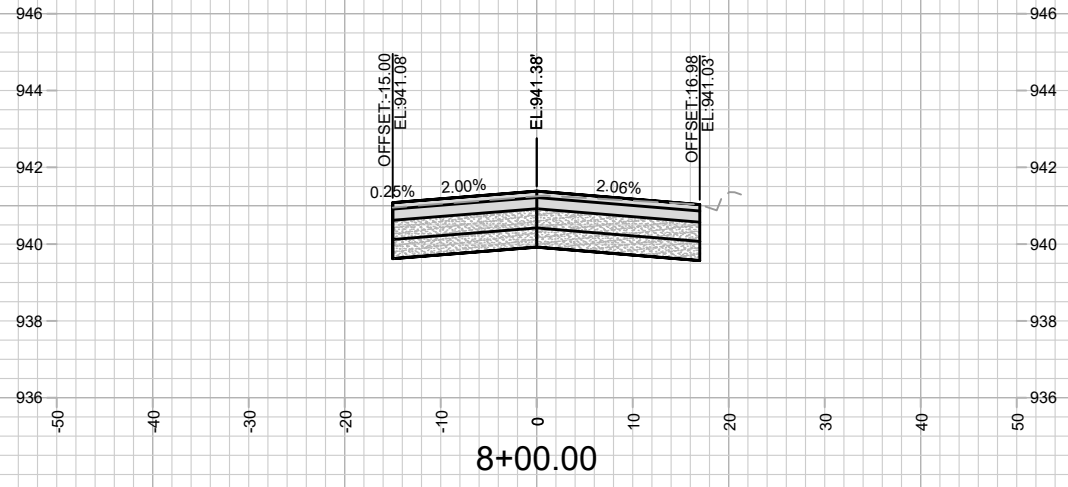
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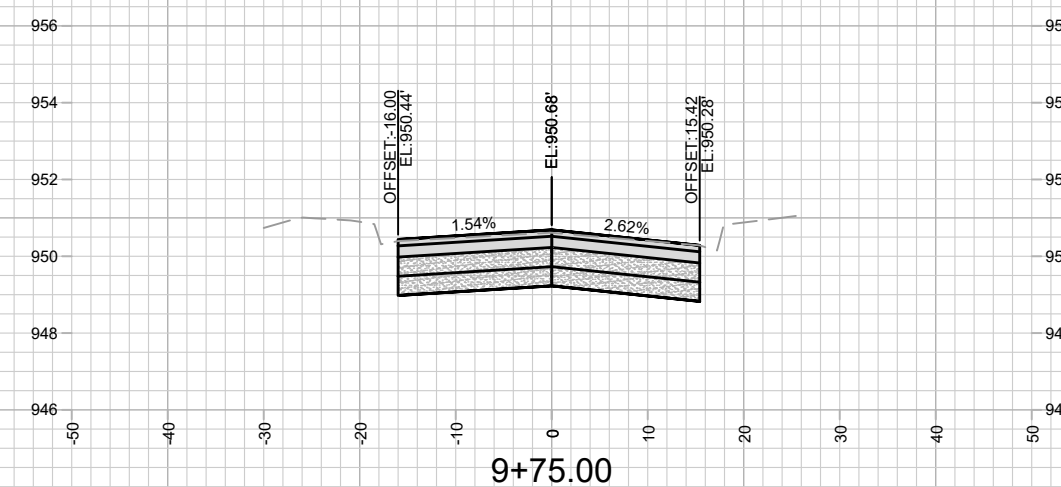
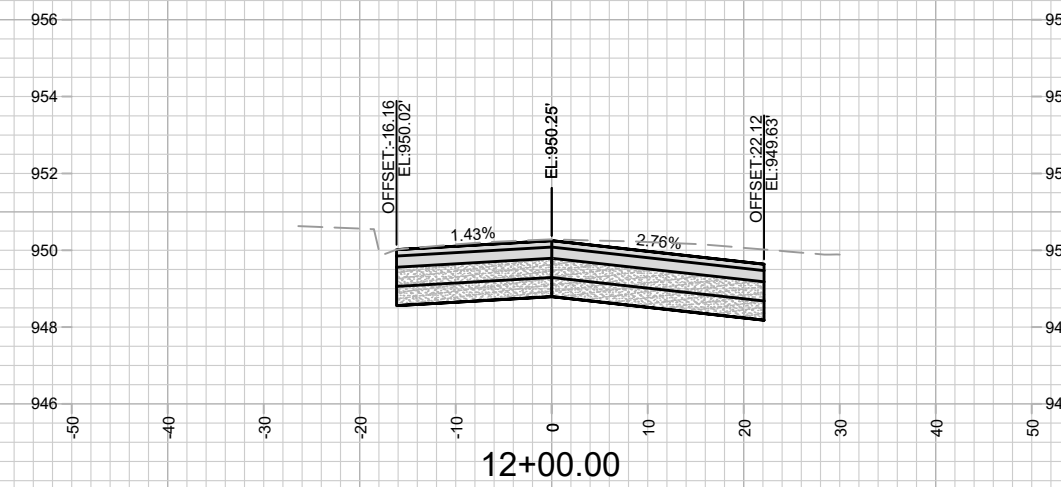
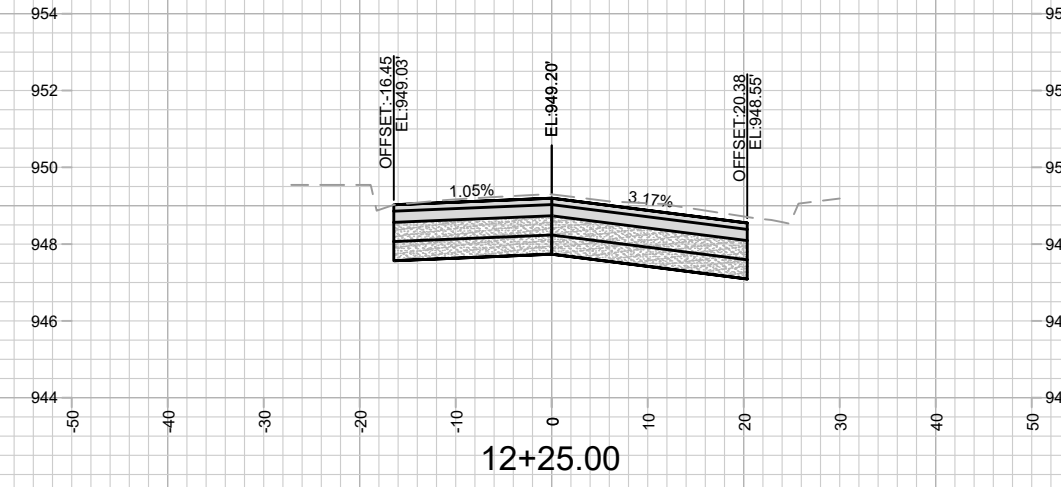
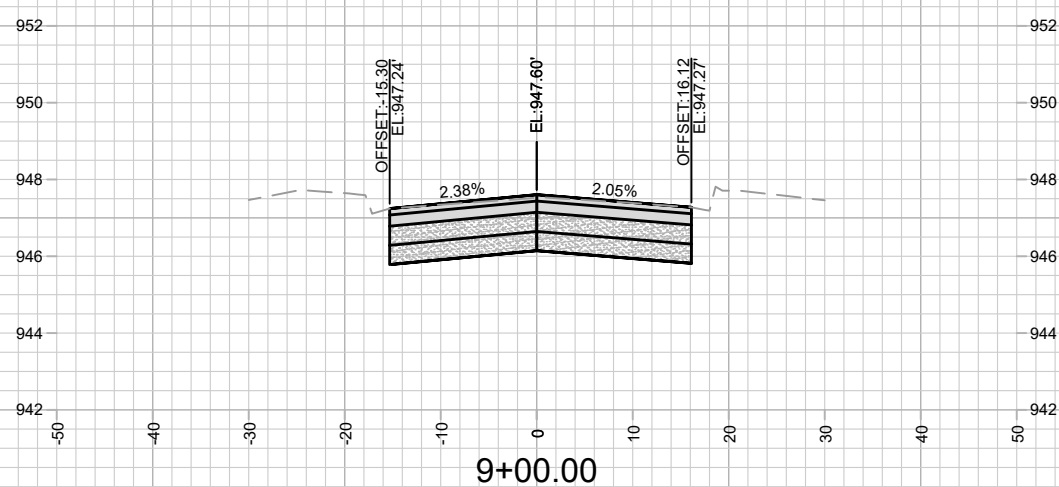
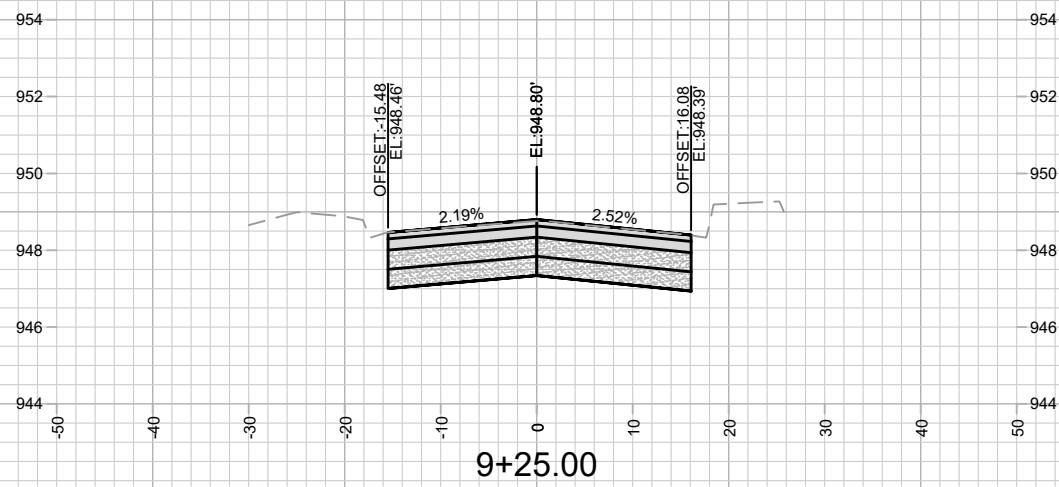
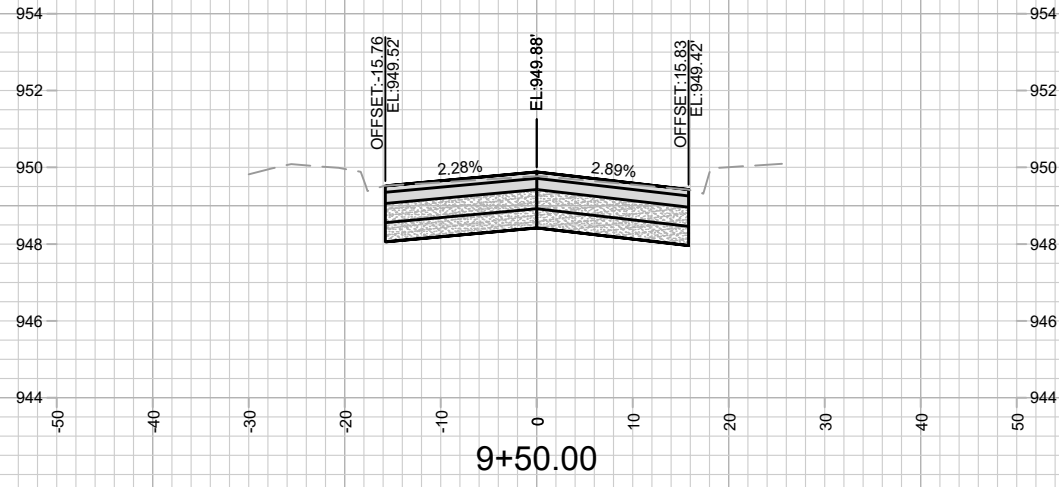
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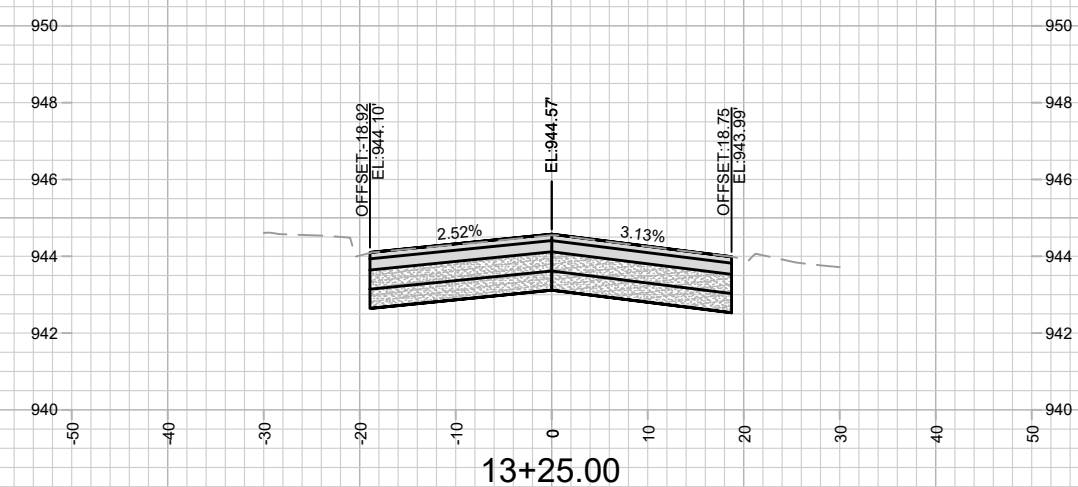
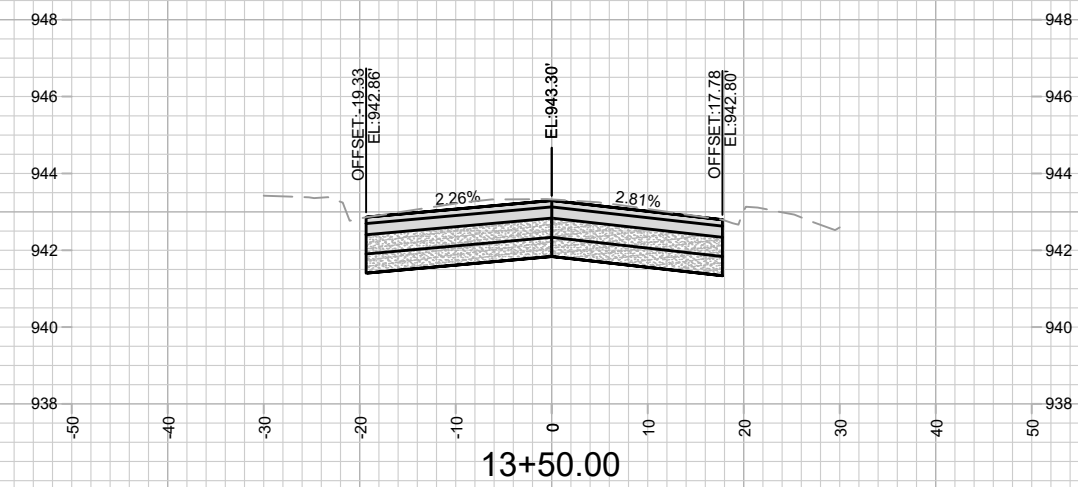
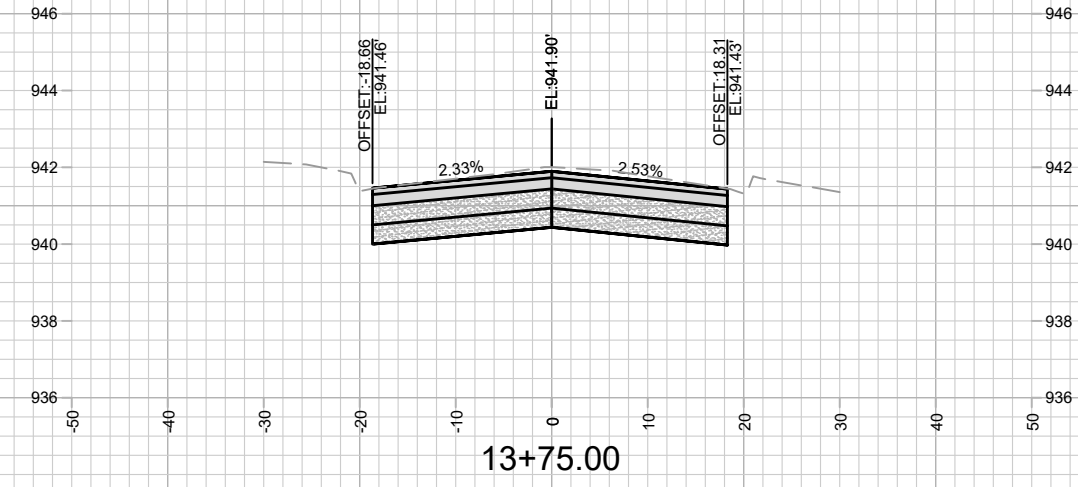
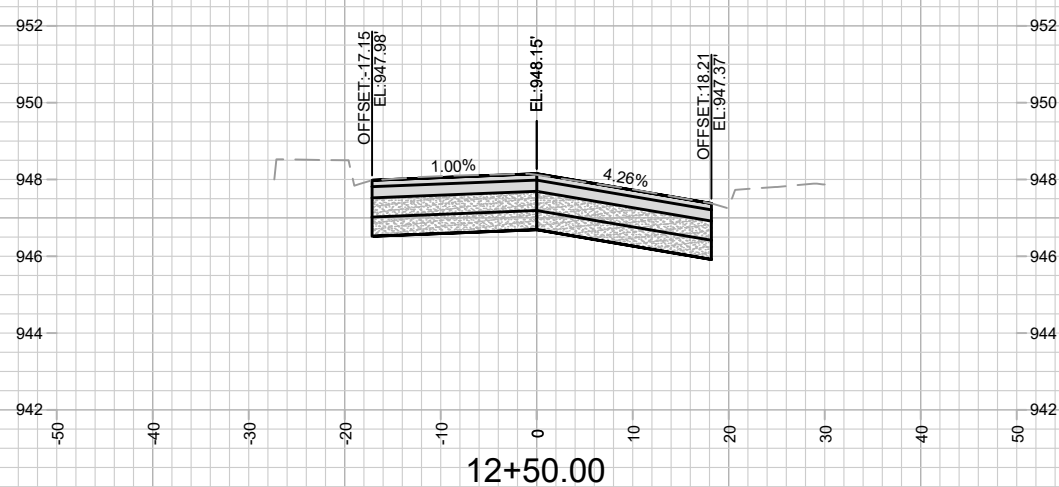
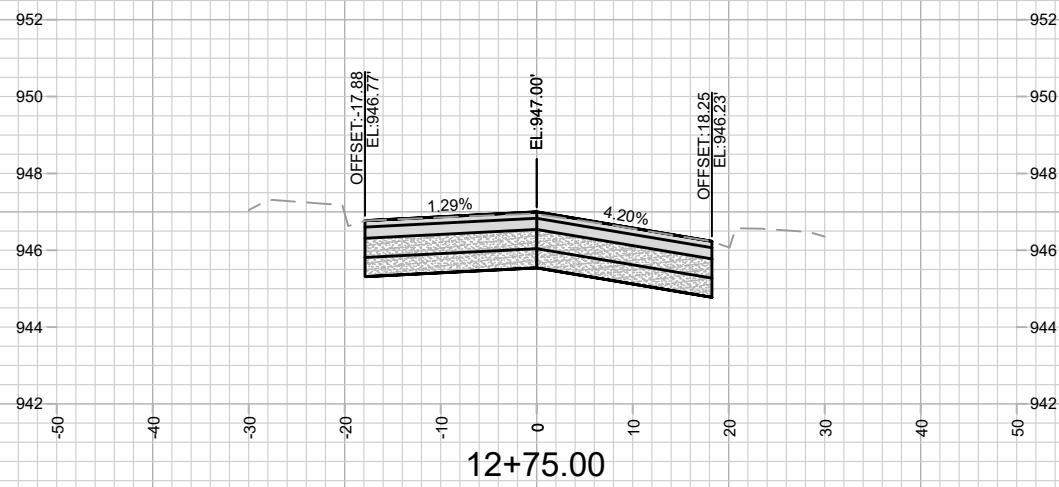
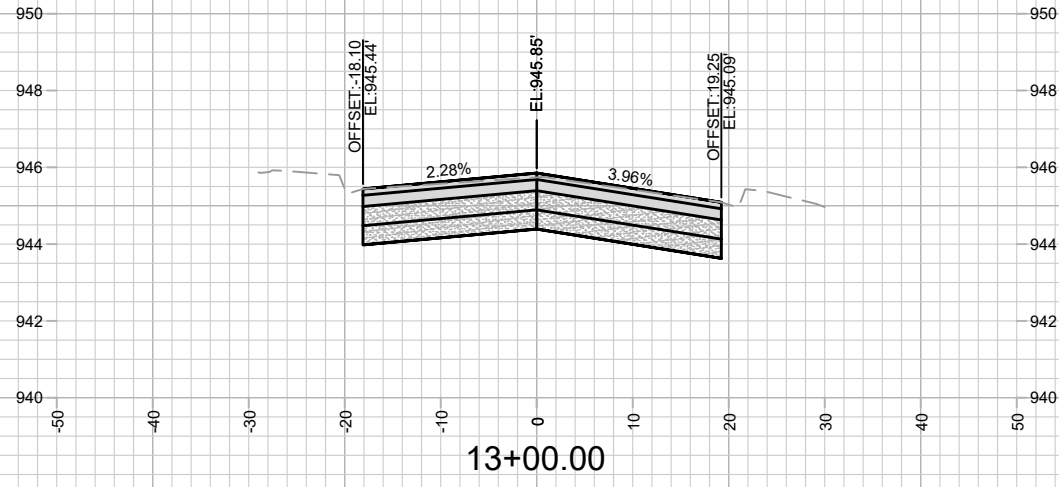


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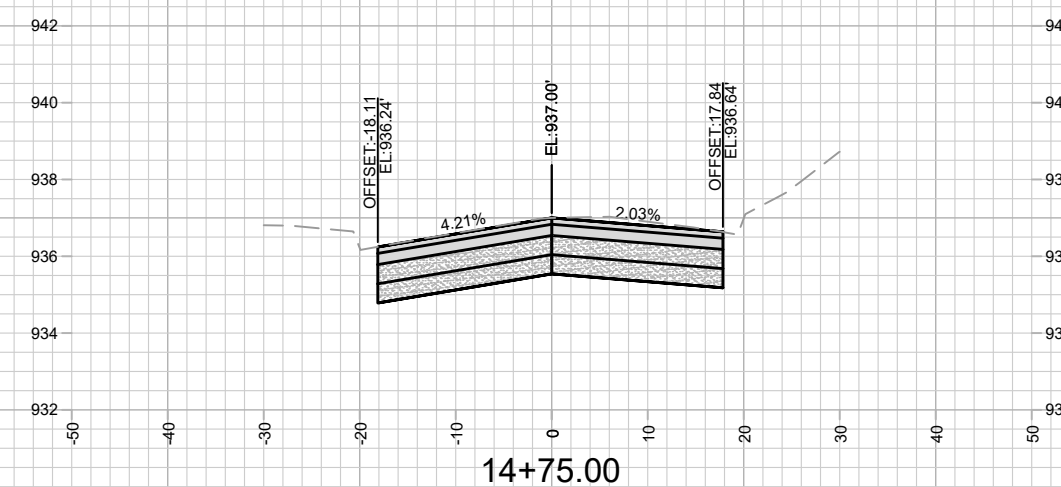
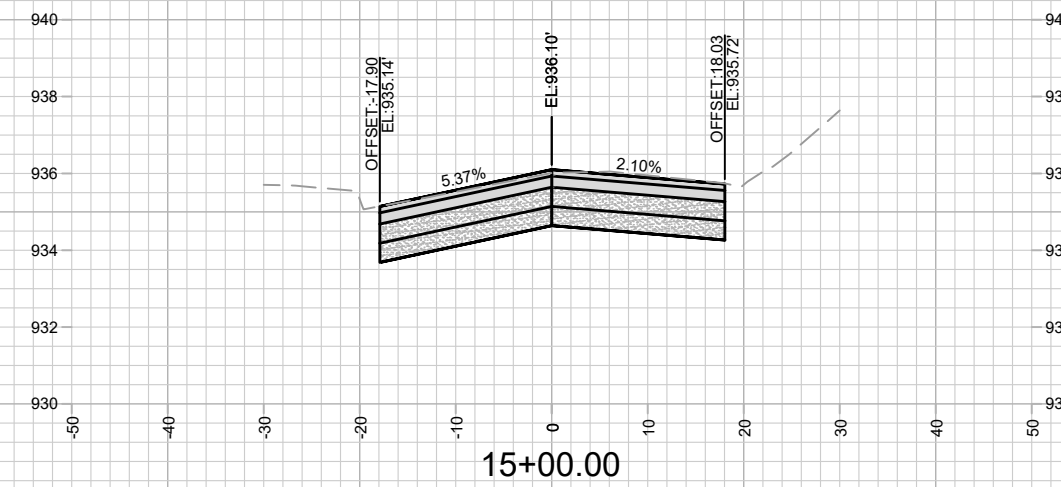
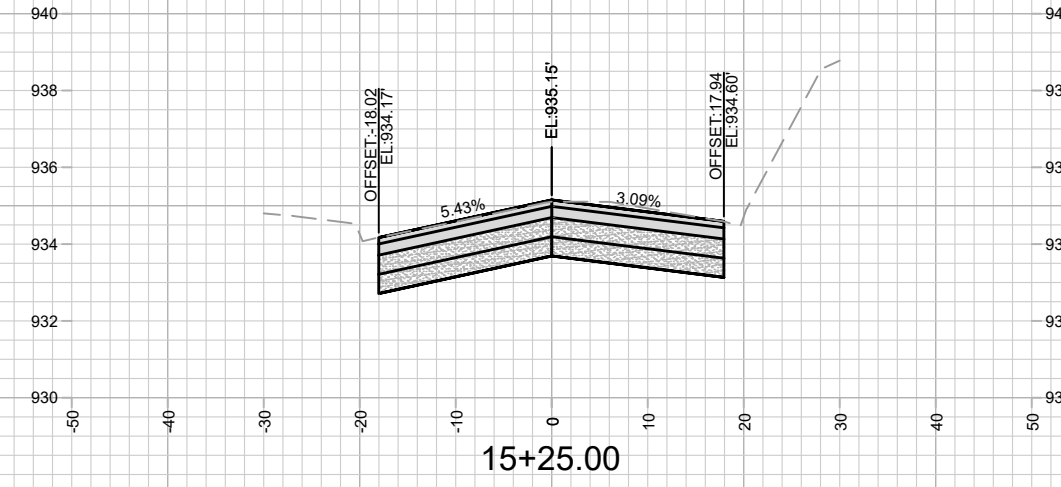
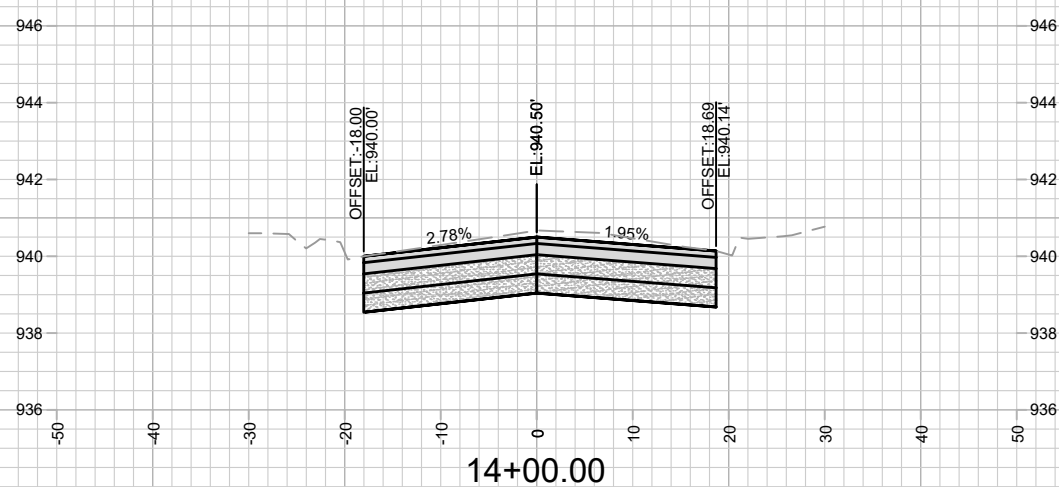
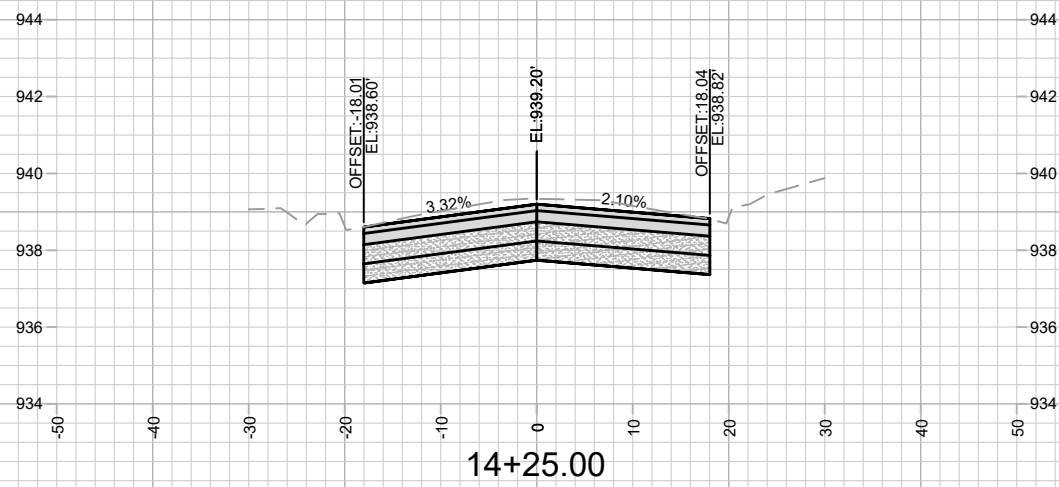
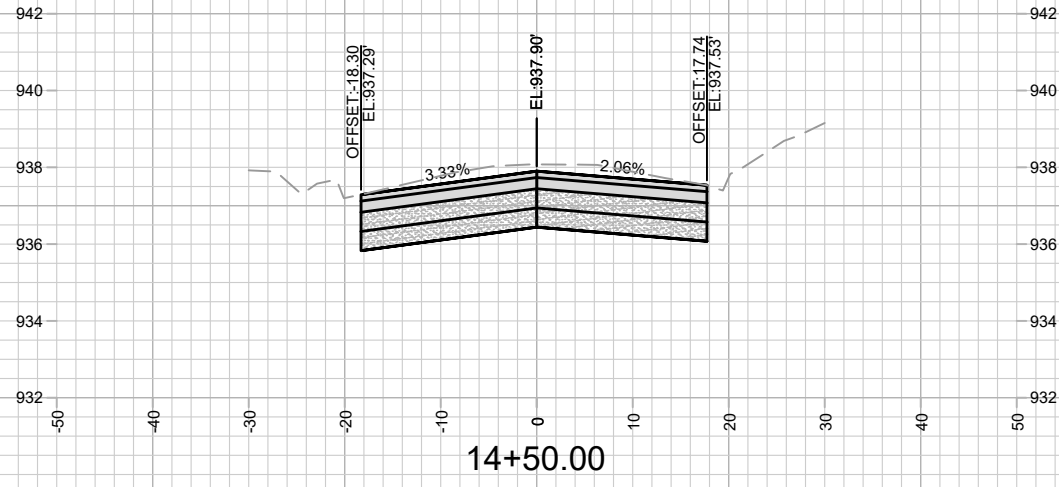
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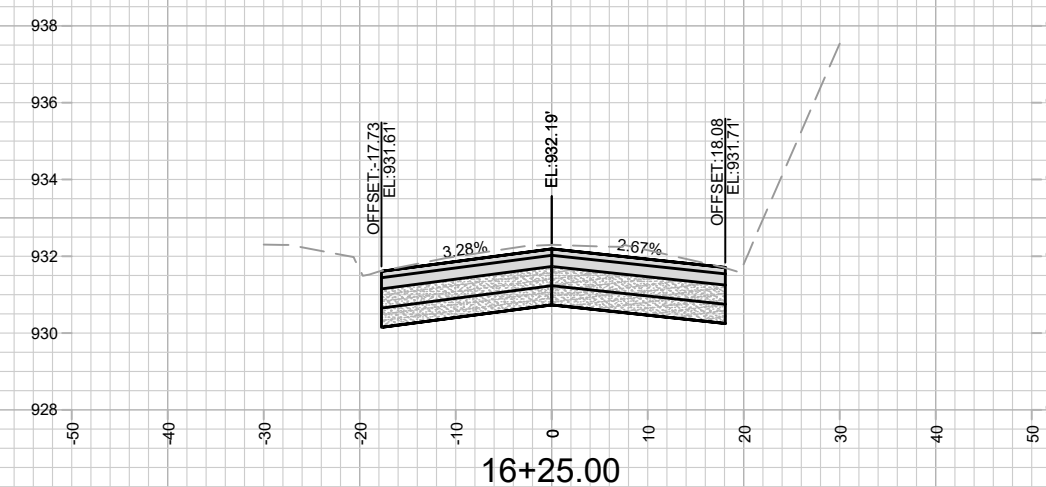
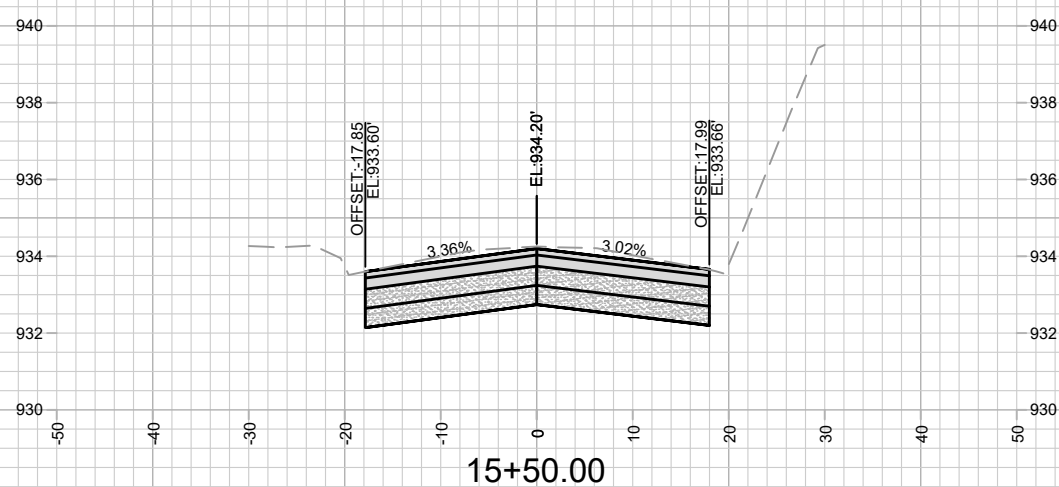
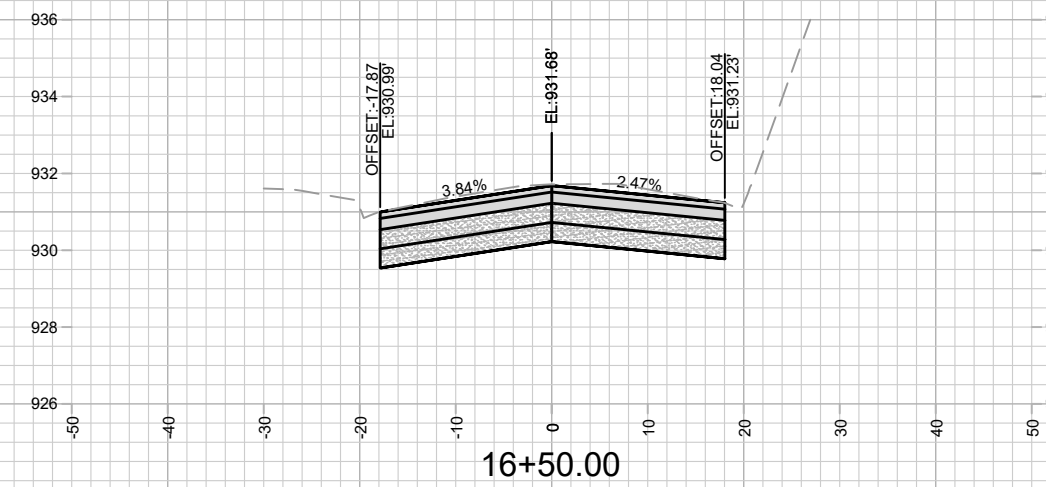
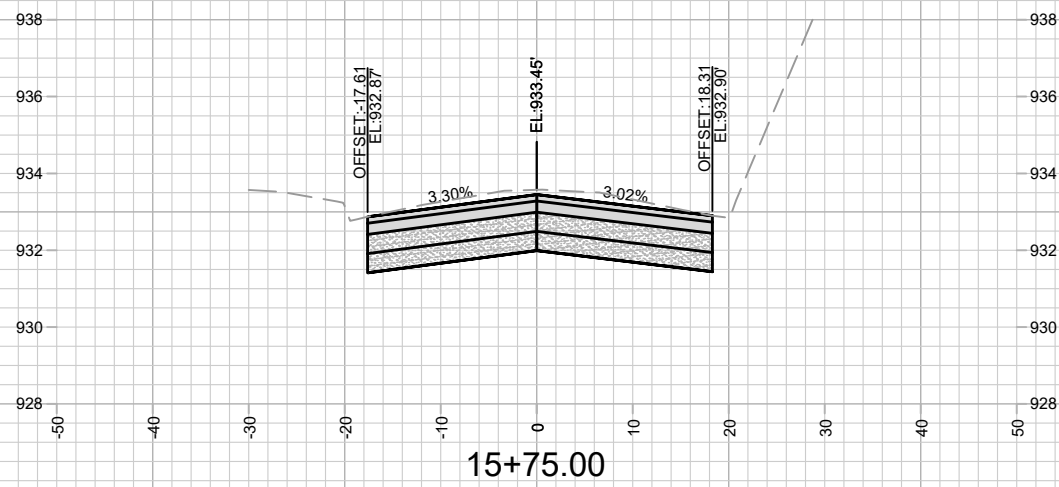
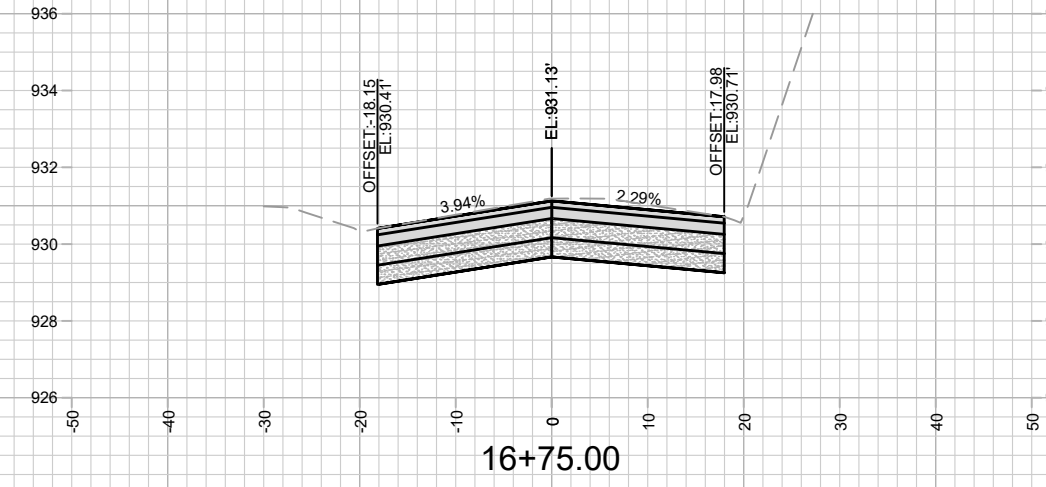
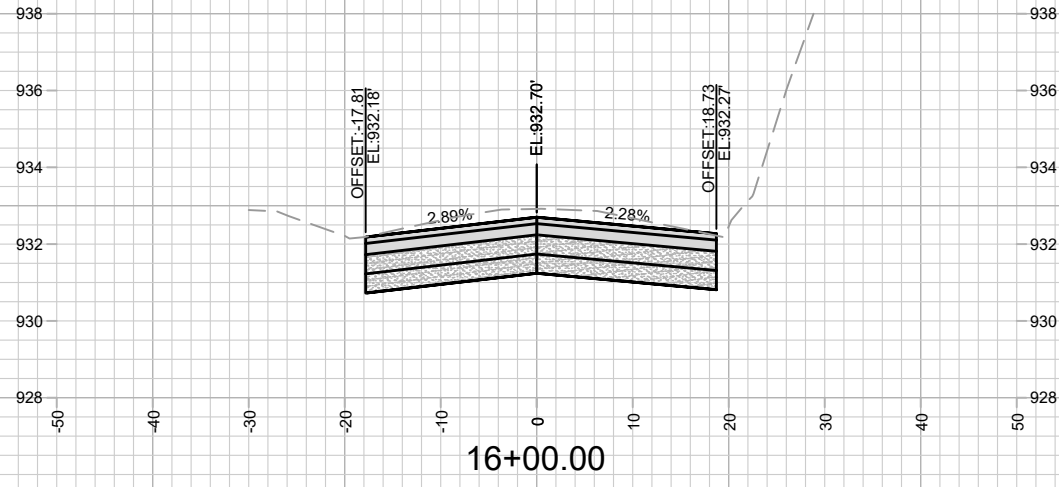


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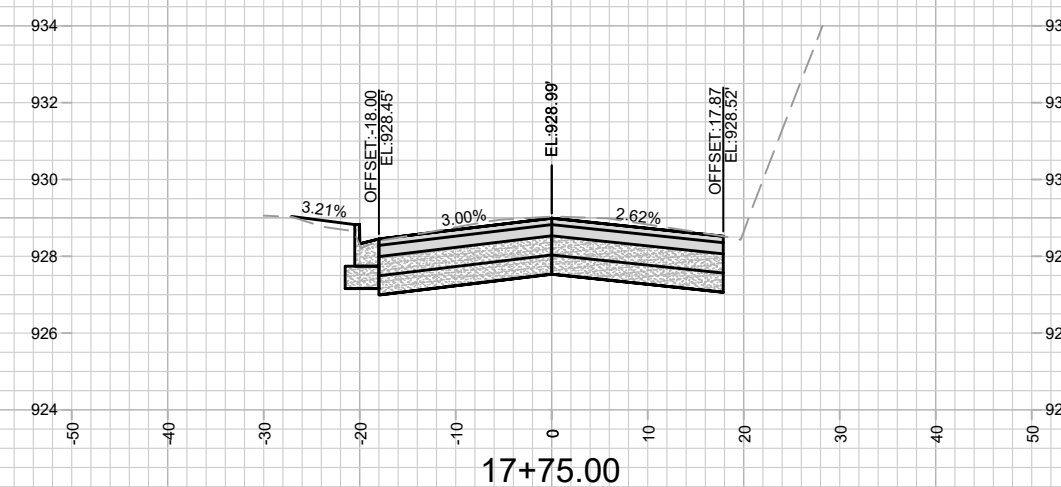
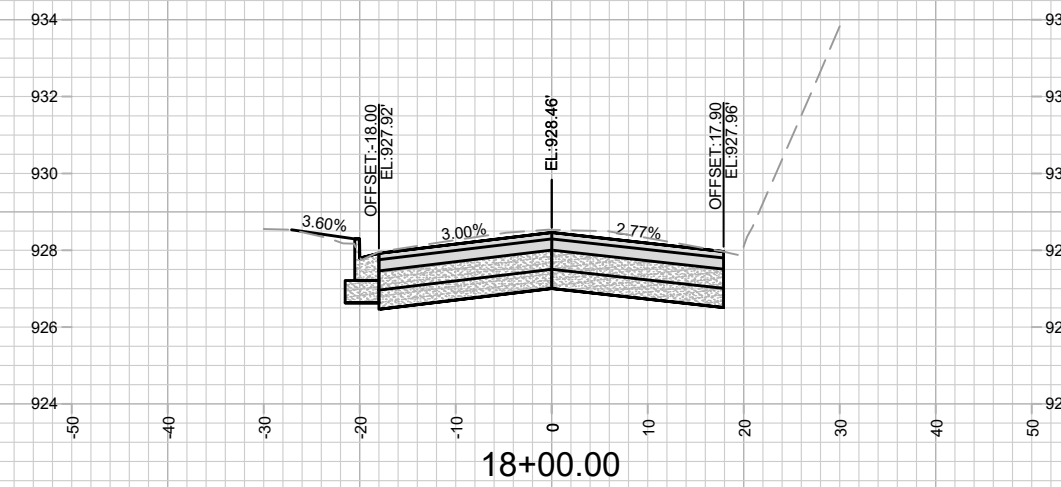
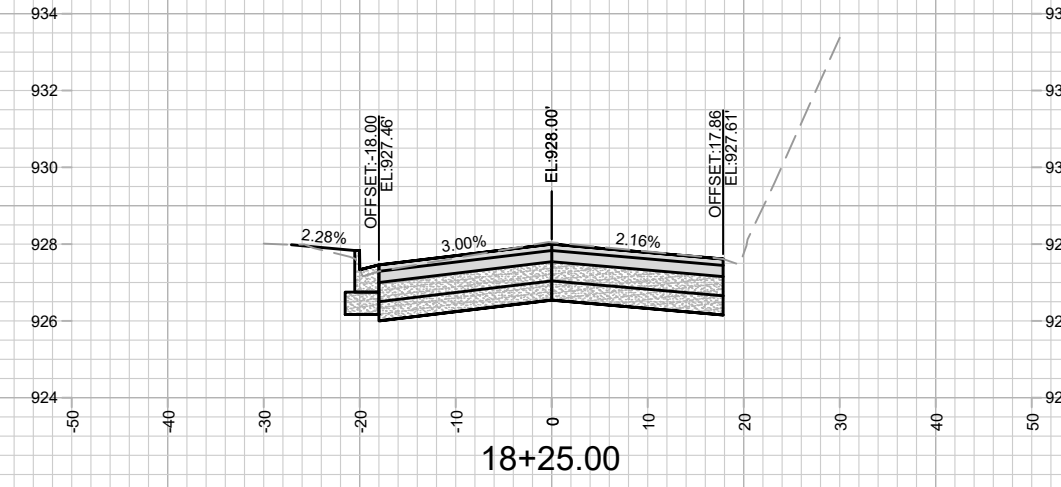
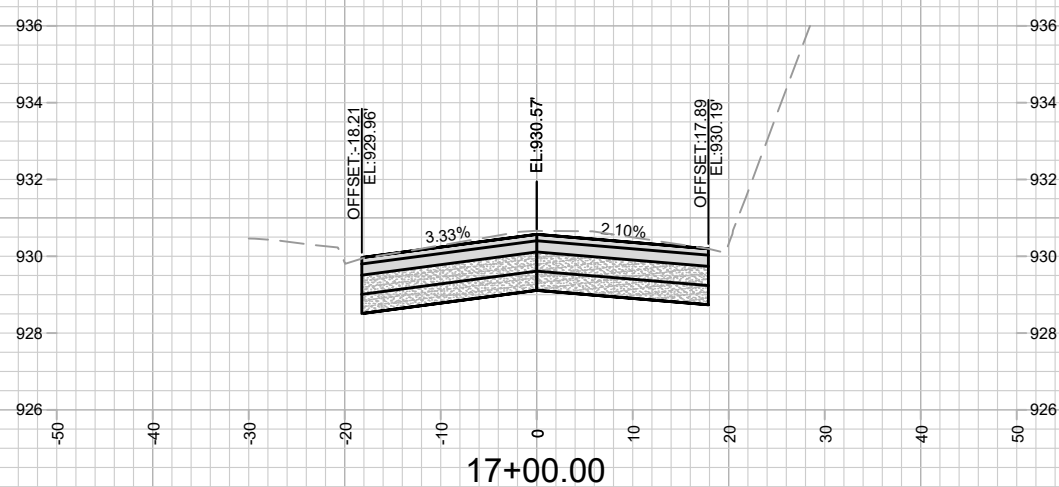
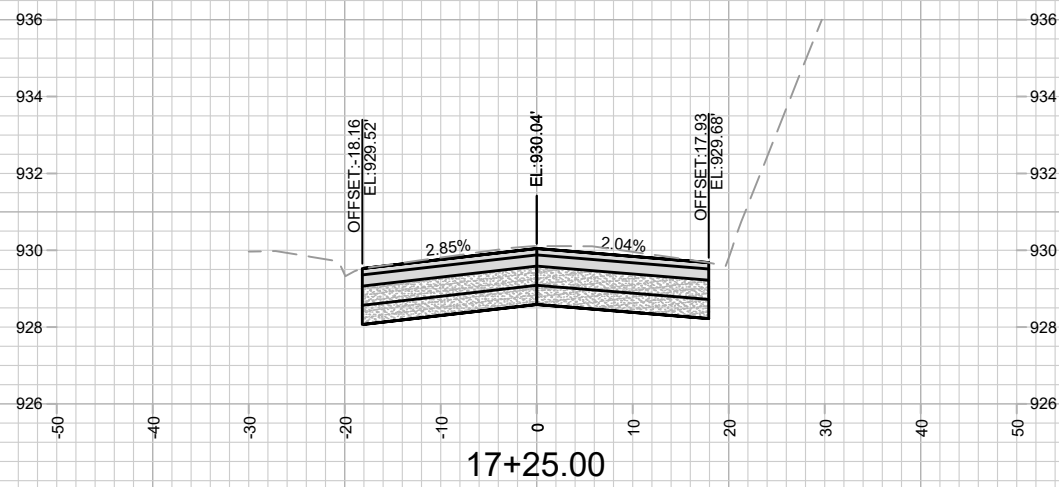
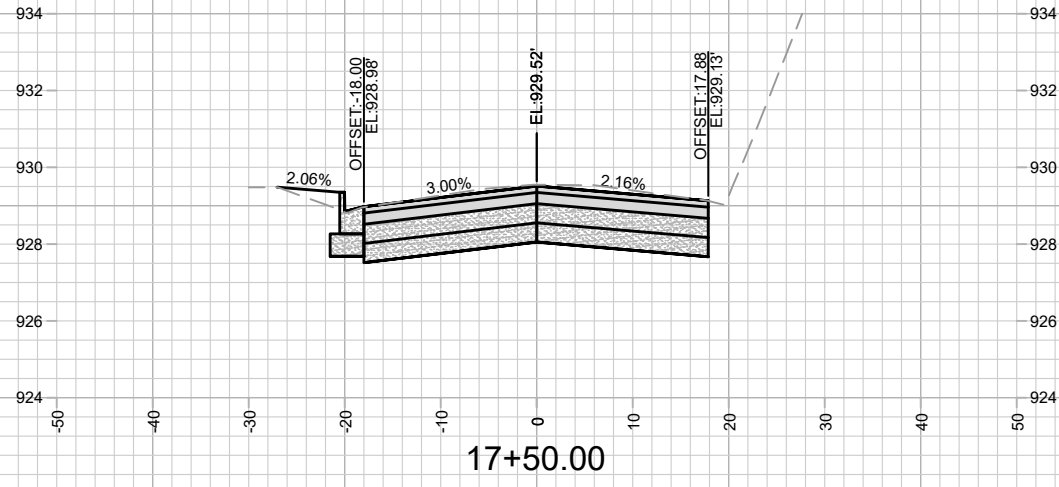


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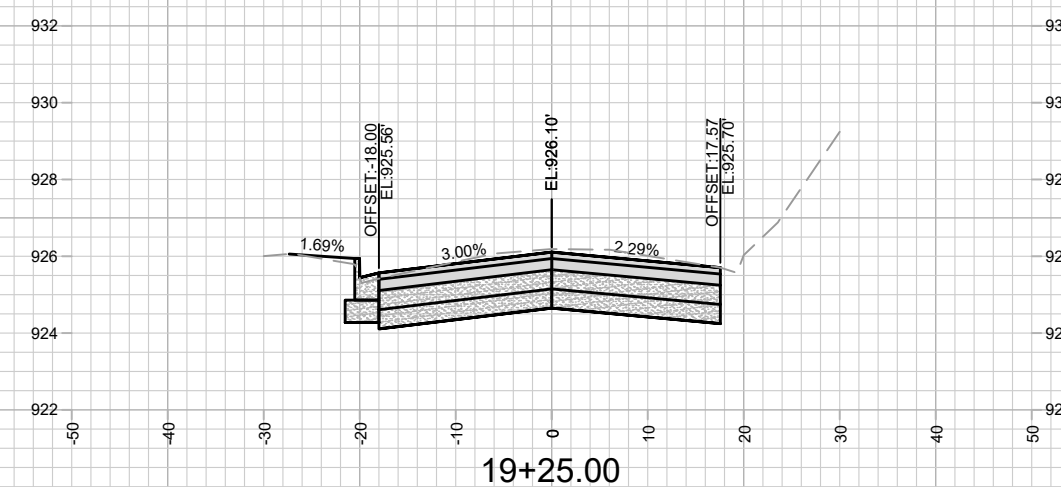
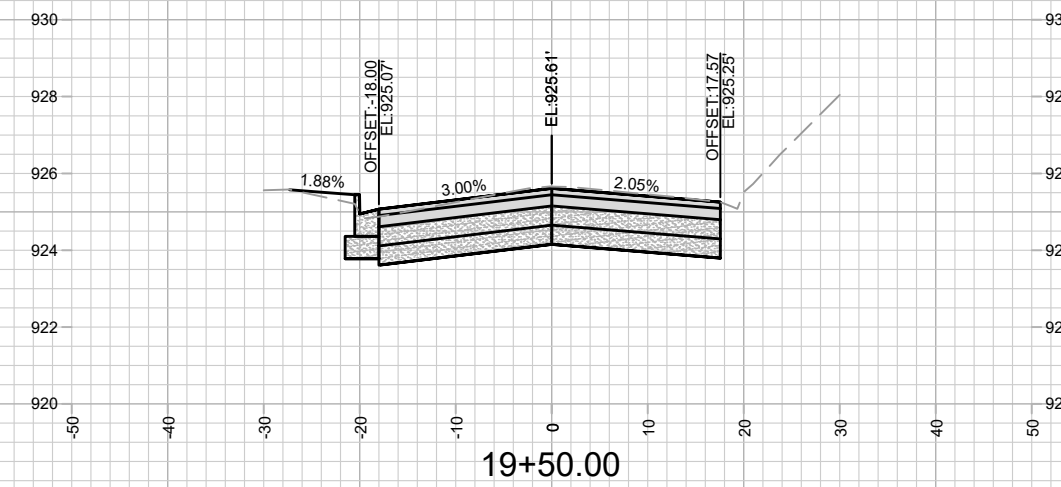
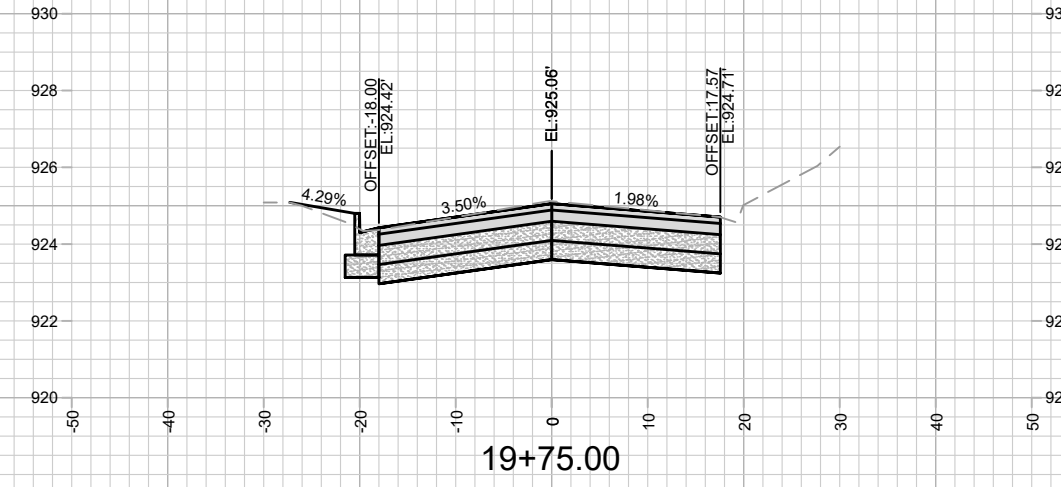
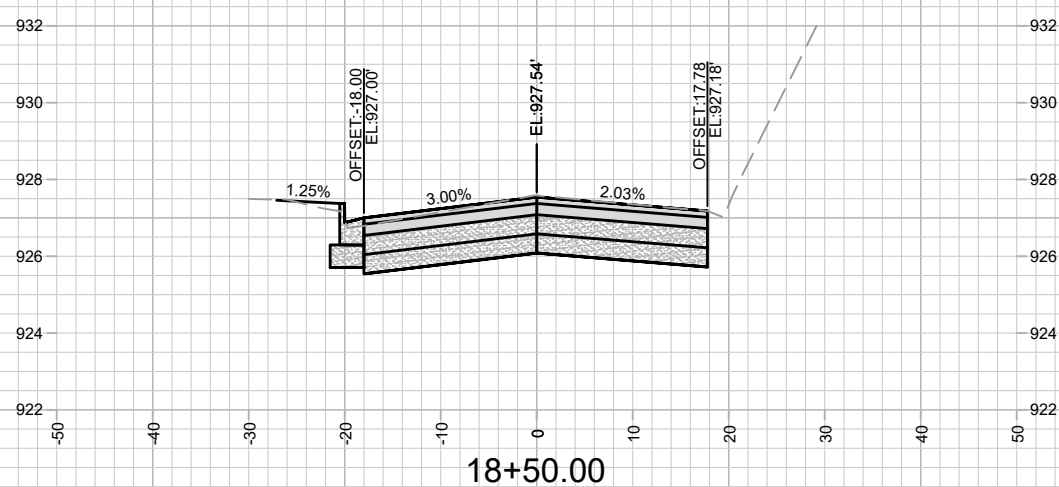
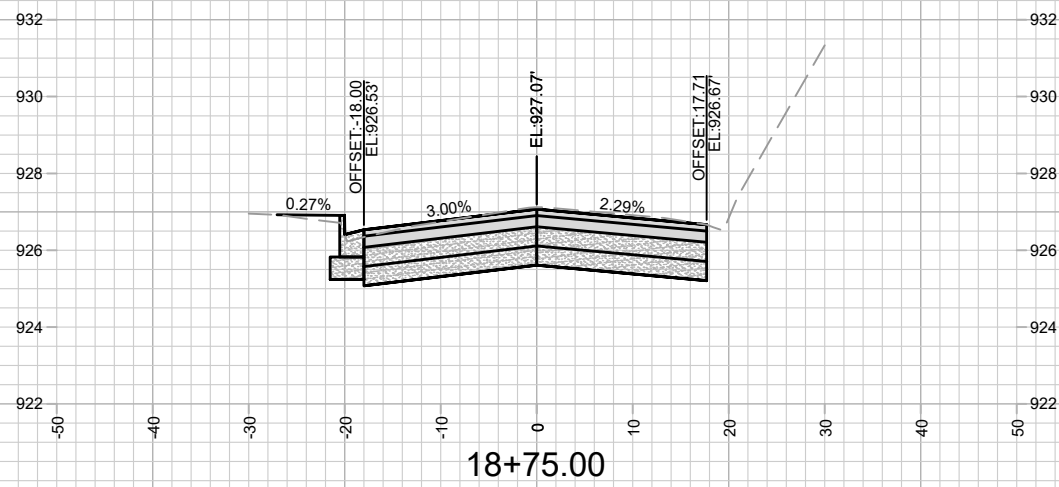
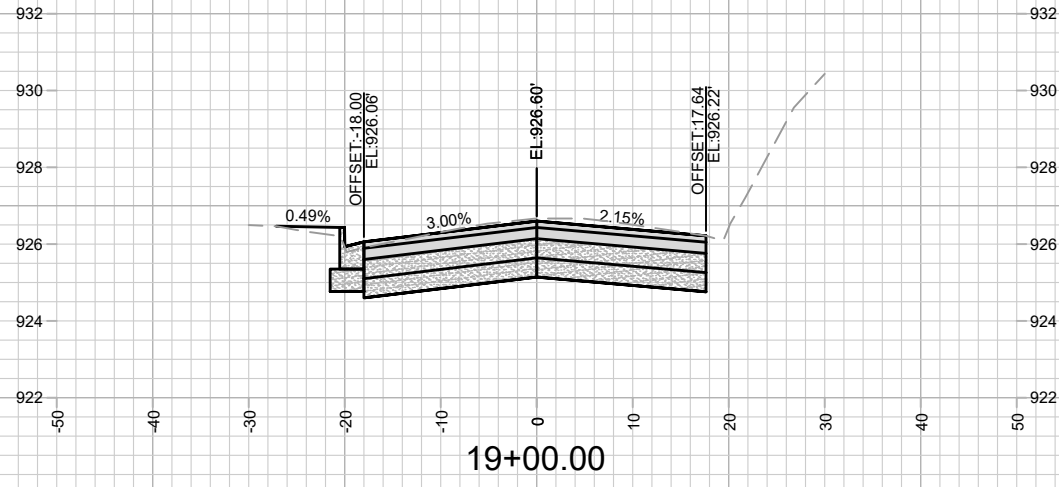
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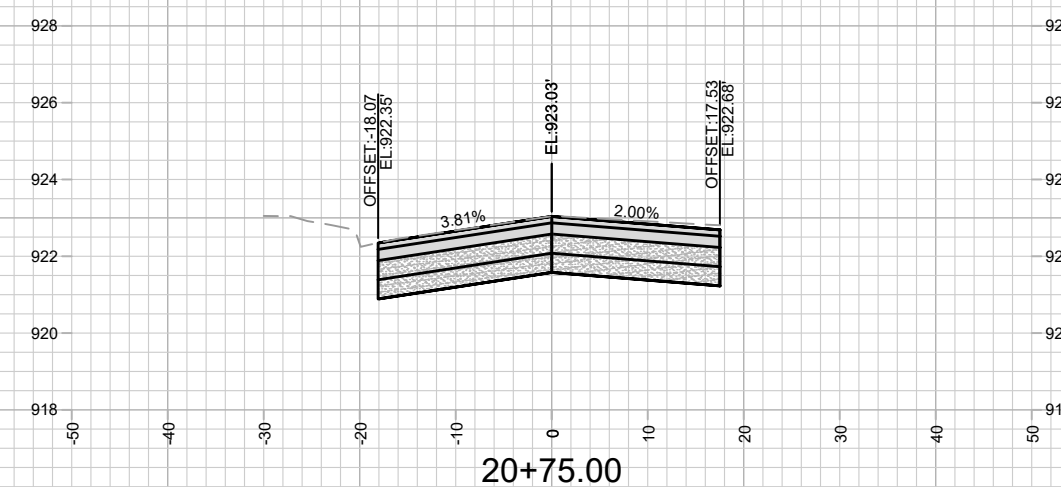
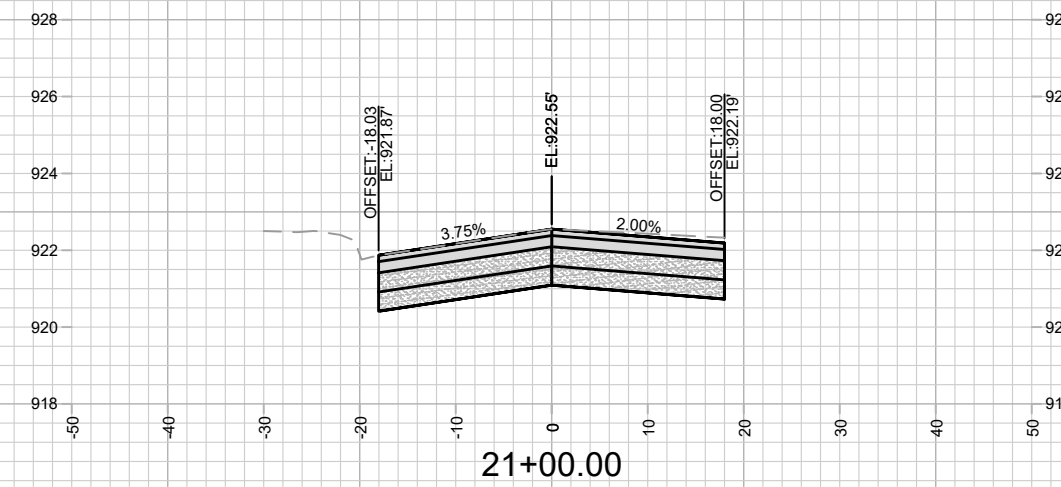
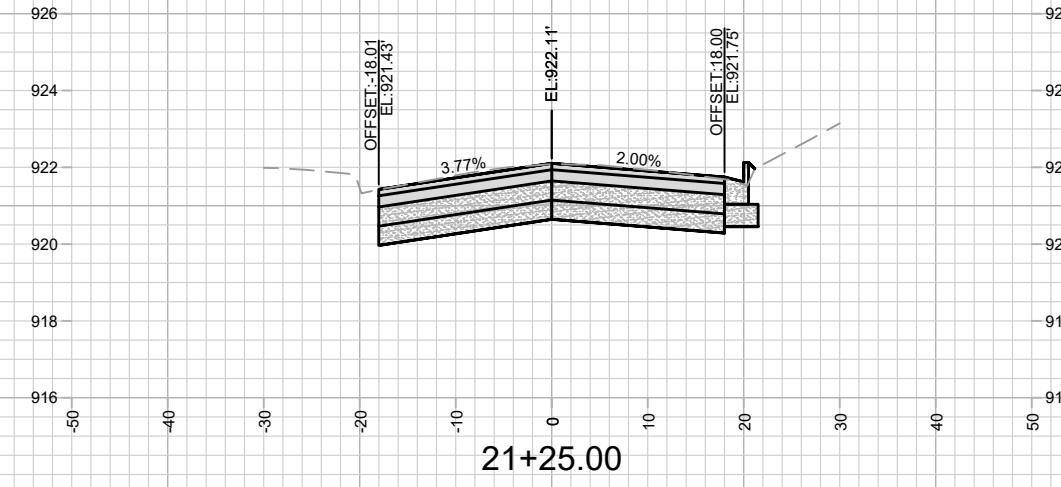
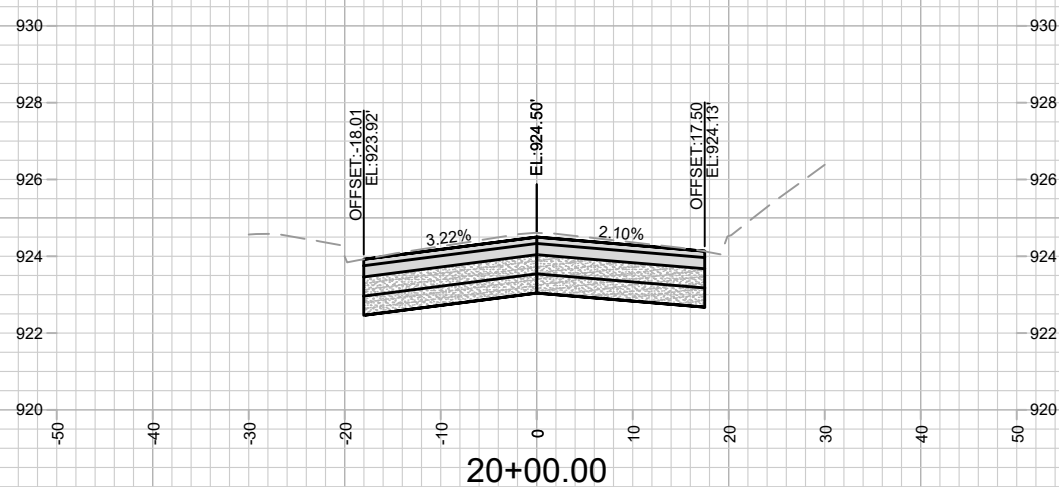
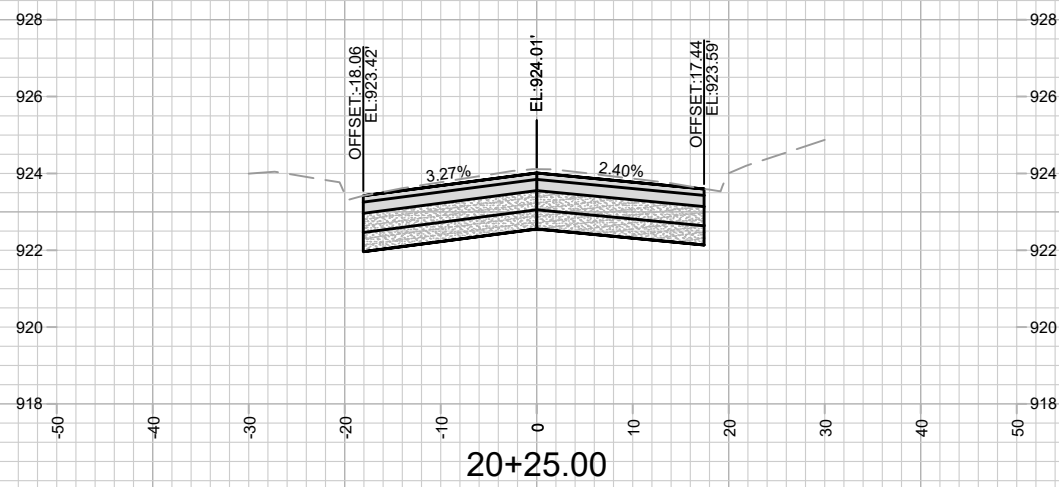
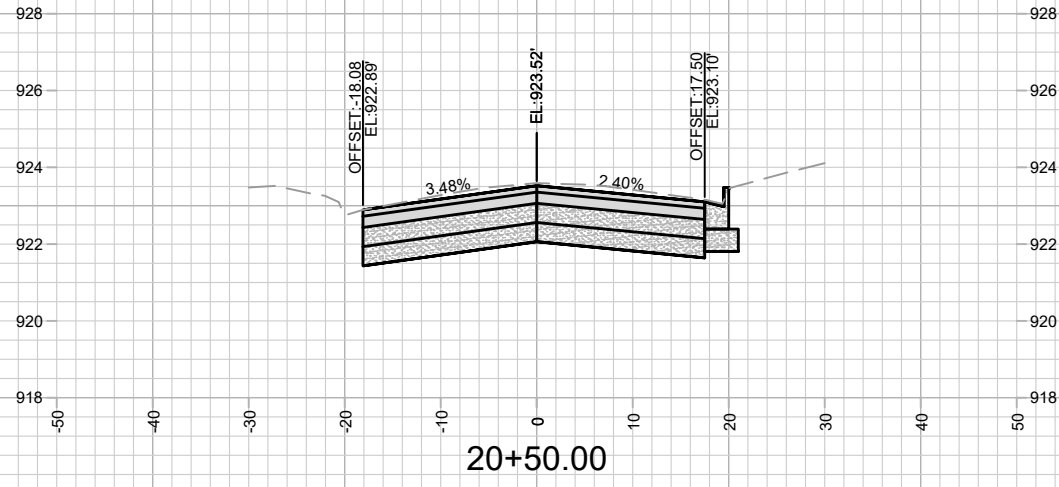


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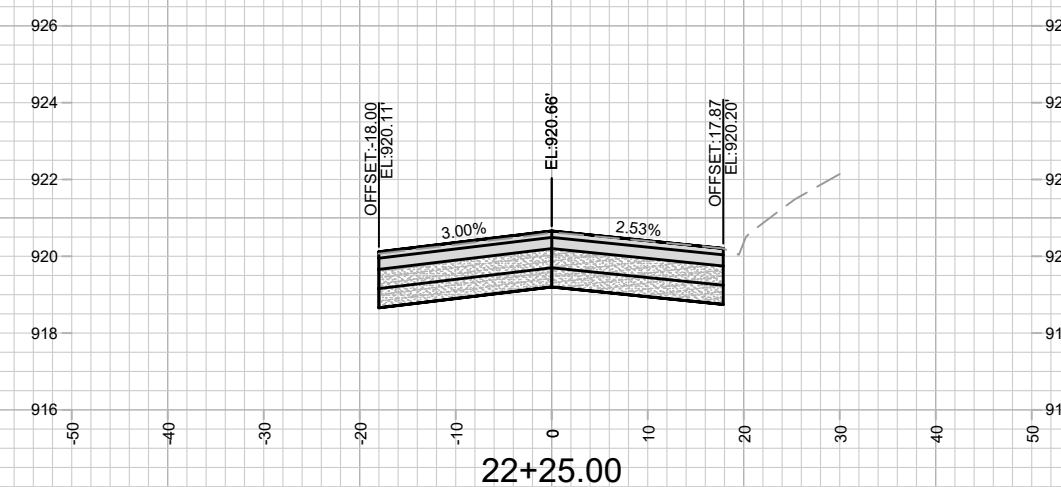
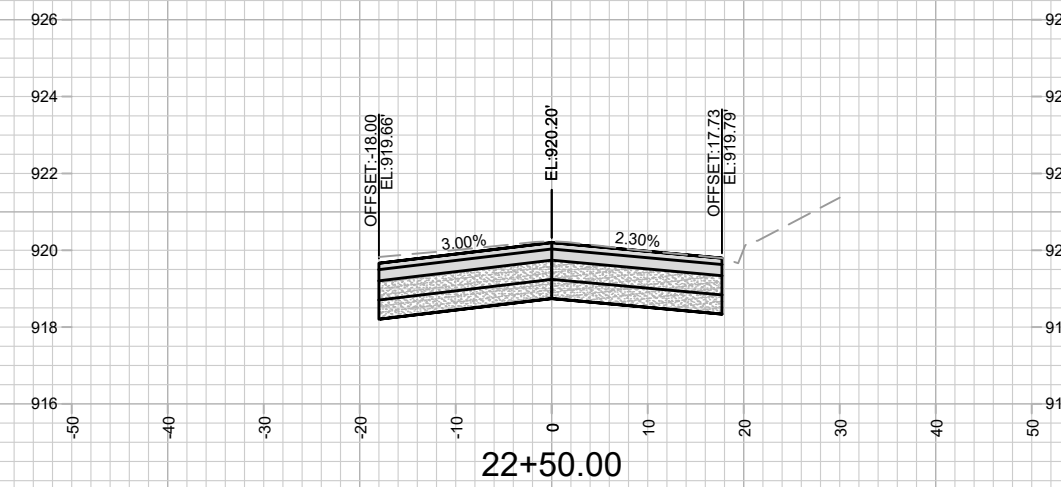
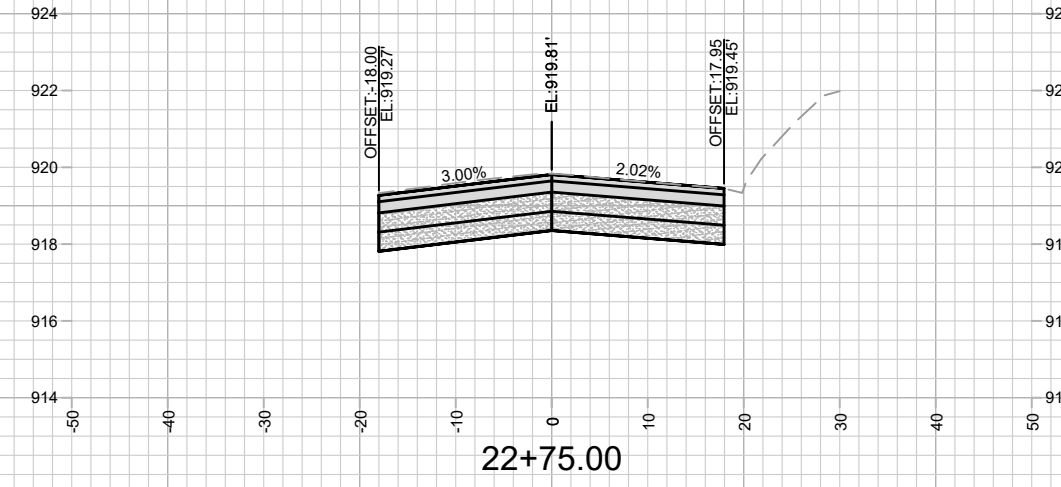
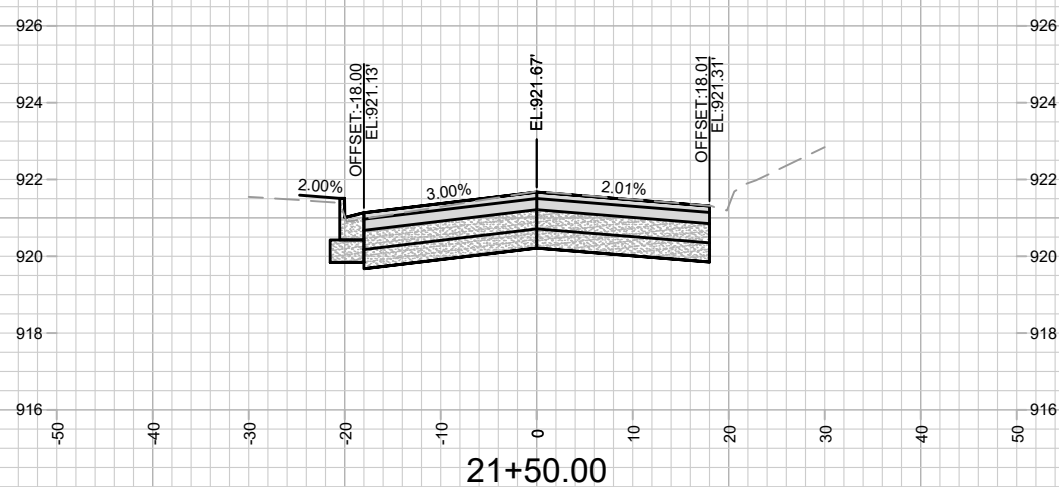
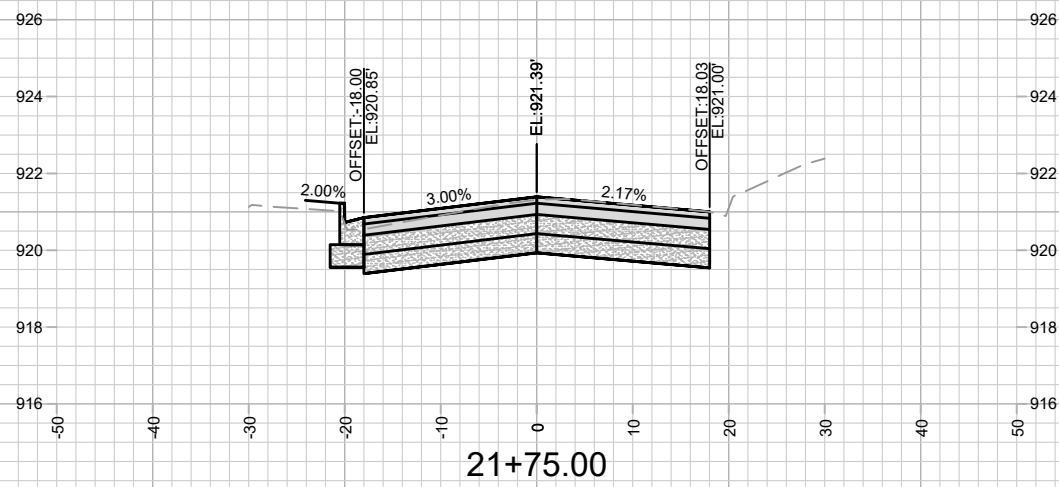
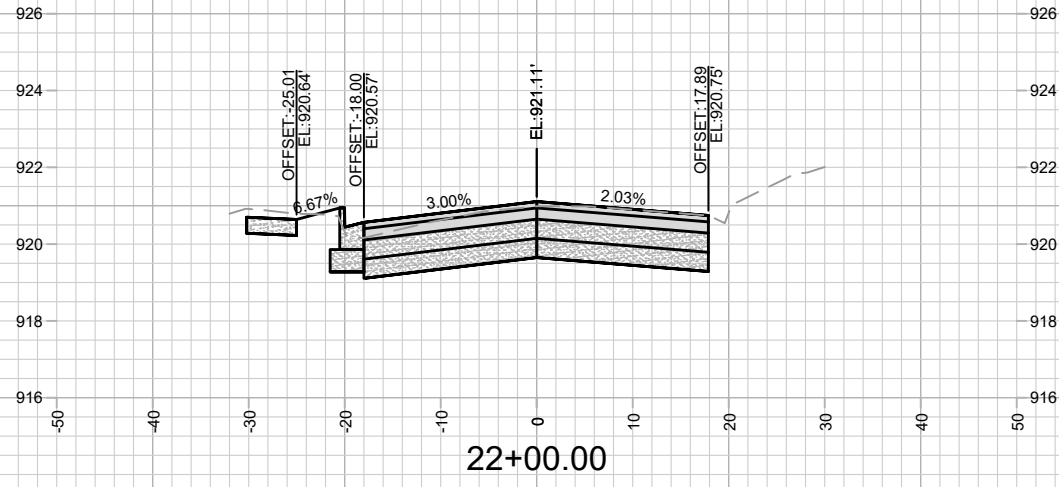


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 MADISON, WI  
 8568  
 CONTRACT NO:  
 CROSS SECTIONS - OLD MIDDLETON ROAD  
 OLD MIDDLETON RD & CRAIG AVE RESURFACING  
 M:\DESIGN\Projects\13175\CAD\Plan Sheets\13175-X Sheets.dwg



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MARK	REVISION	DATE	BY

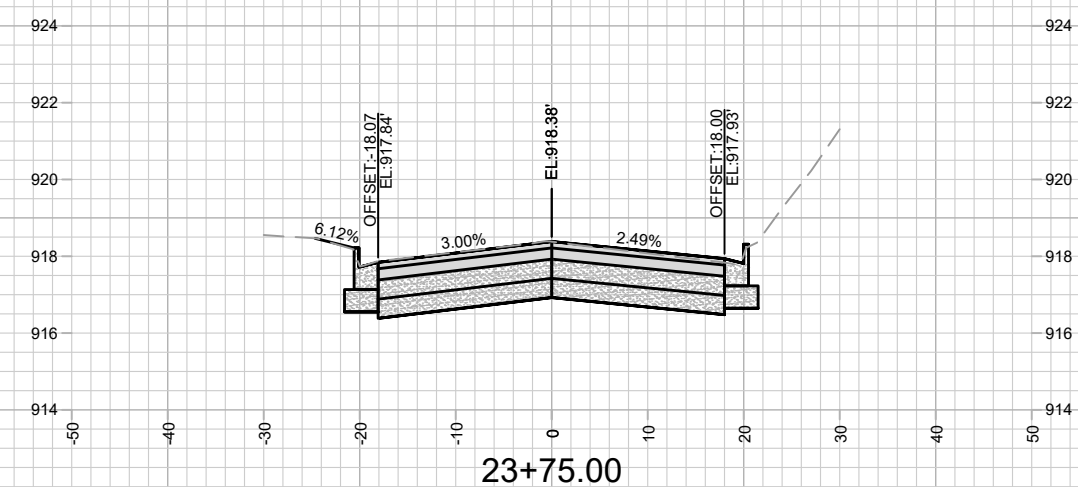
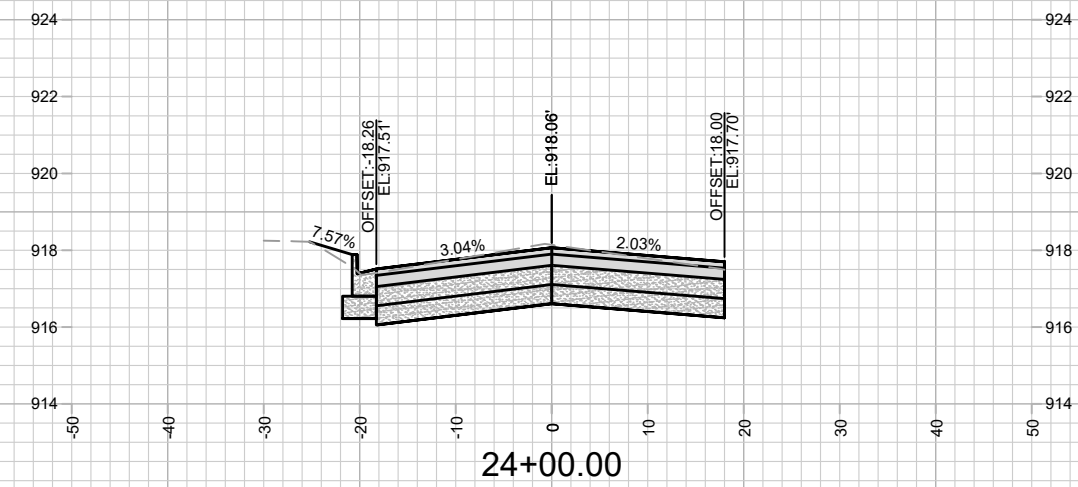
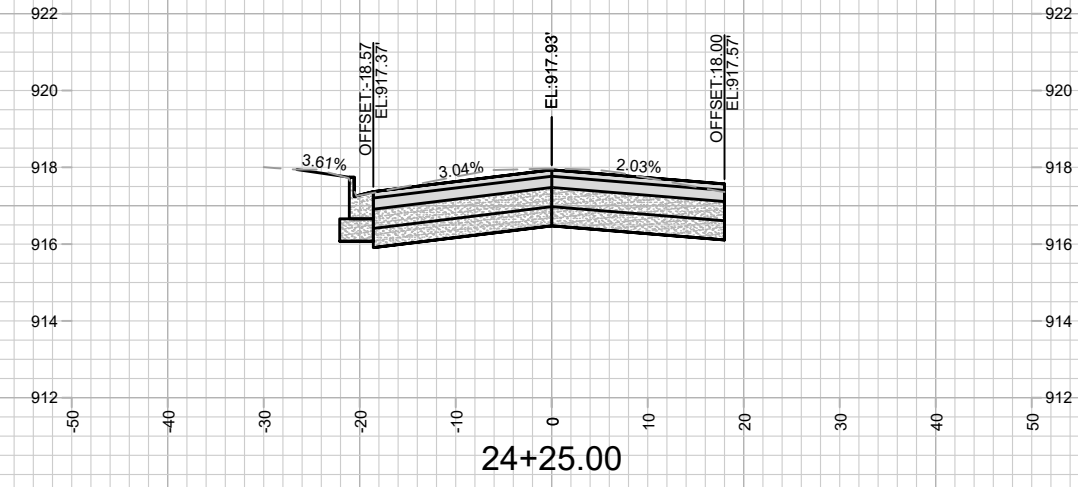
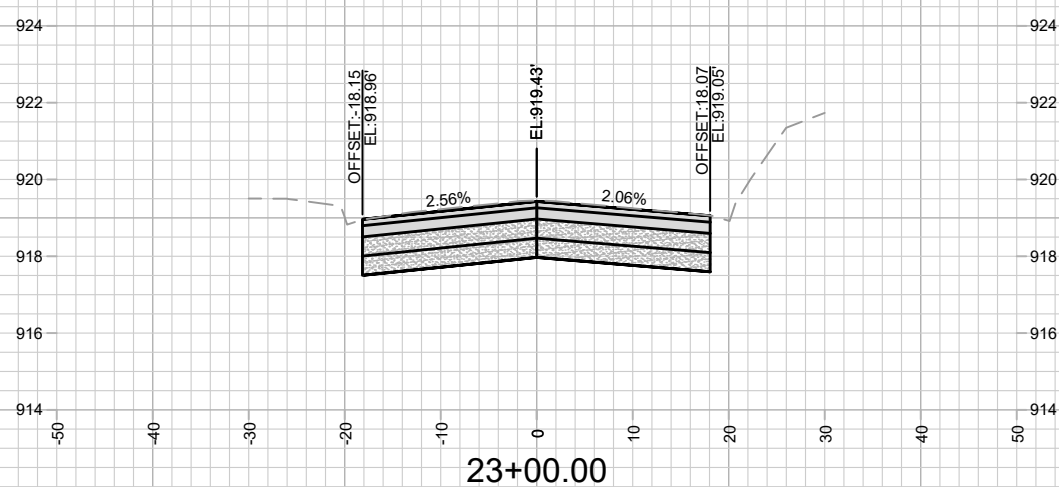
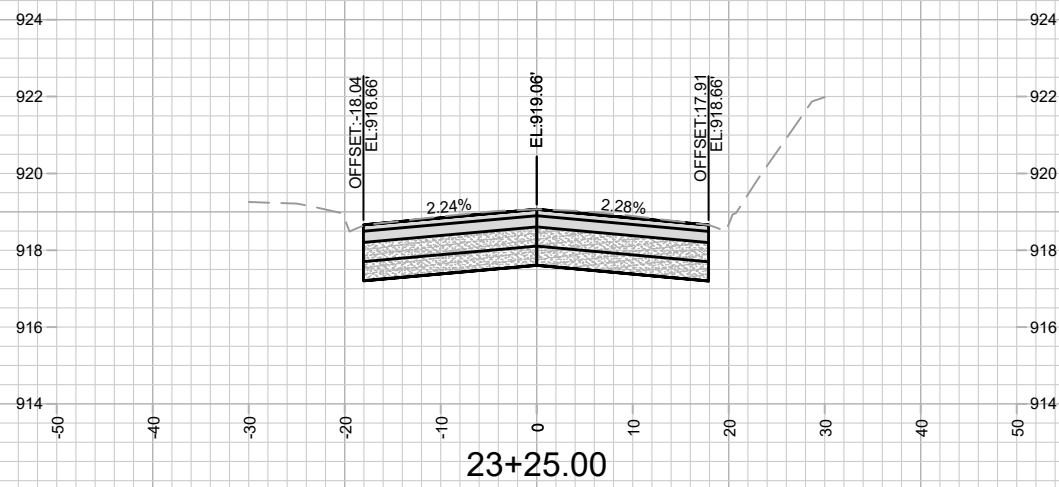
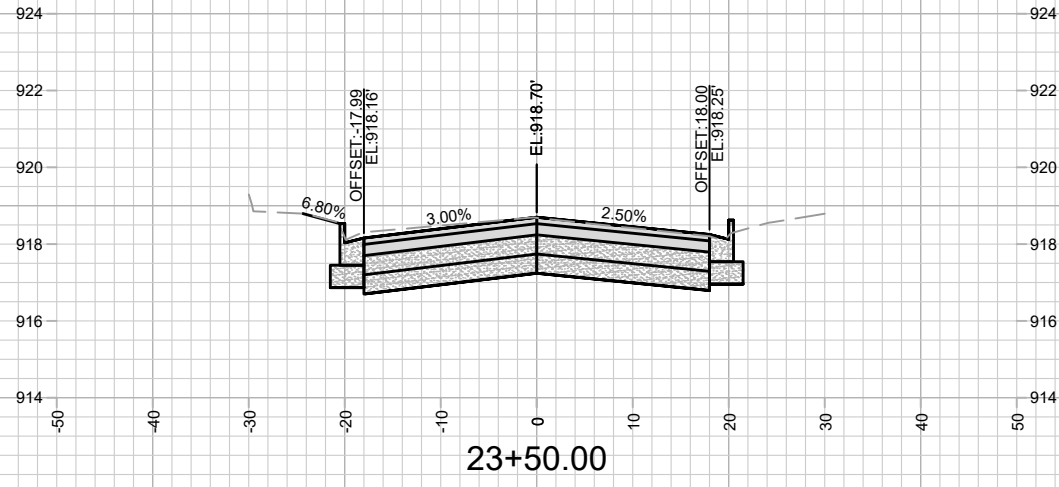
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OLD MIDDLETON RD & CRAIG AVE RESURFACING  
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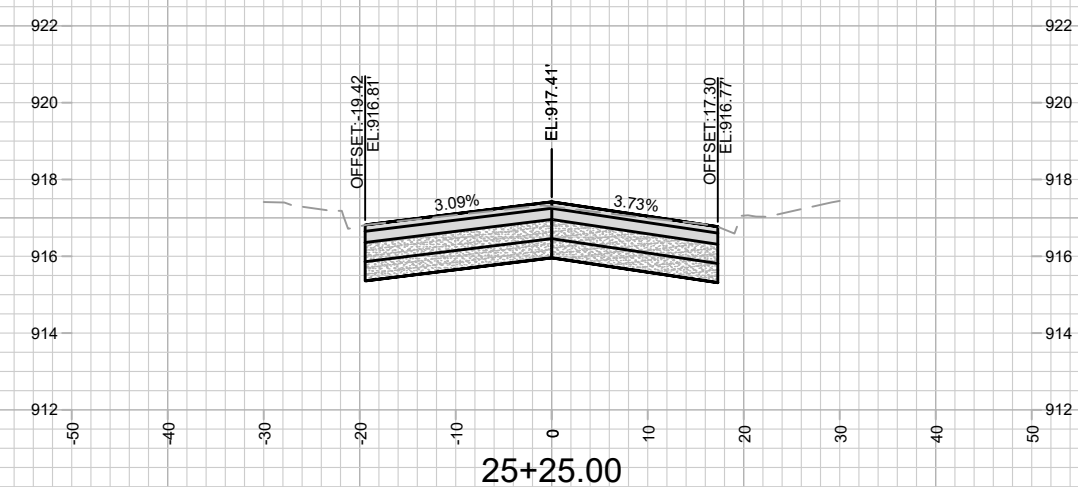
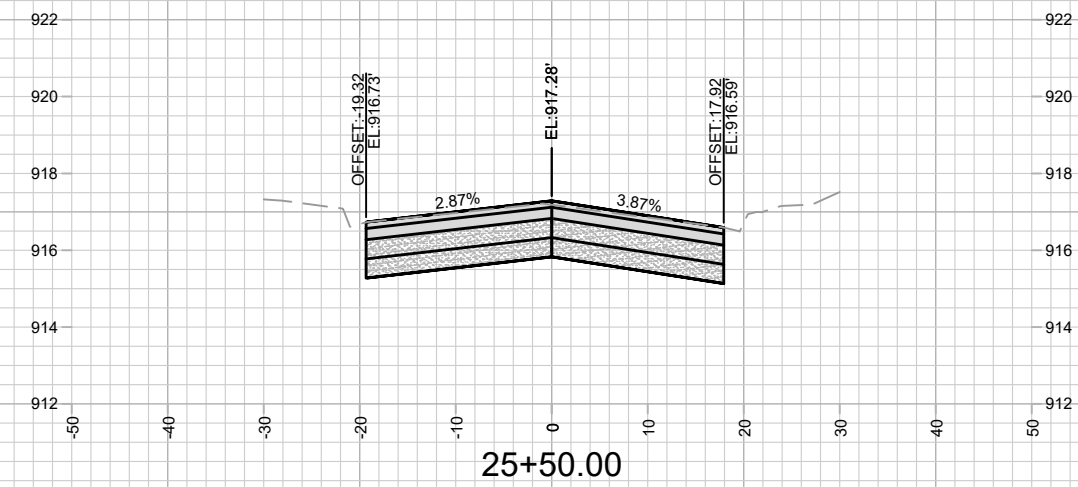
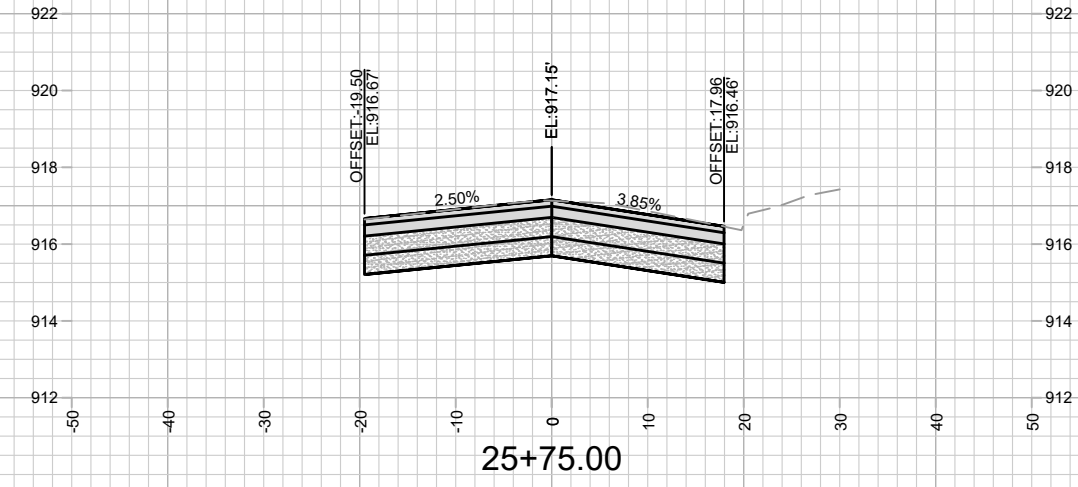
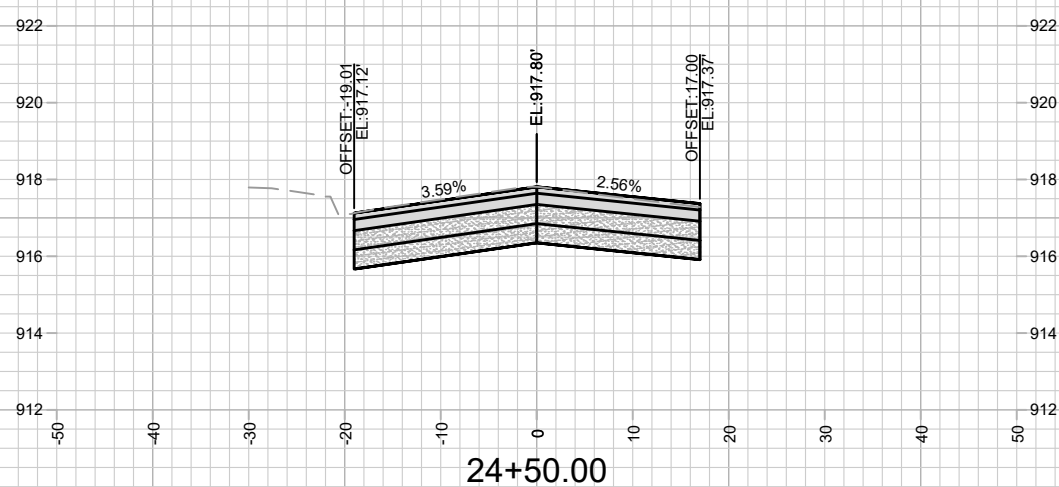
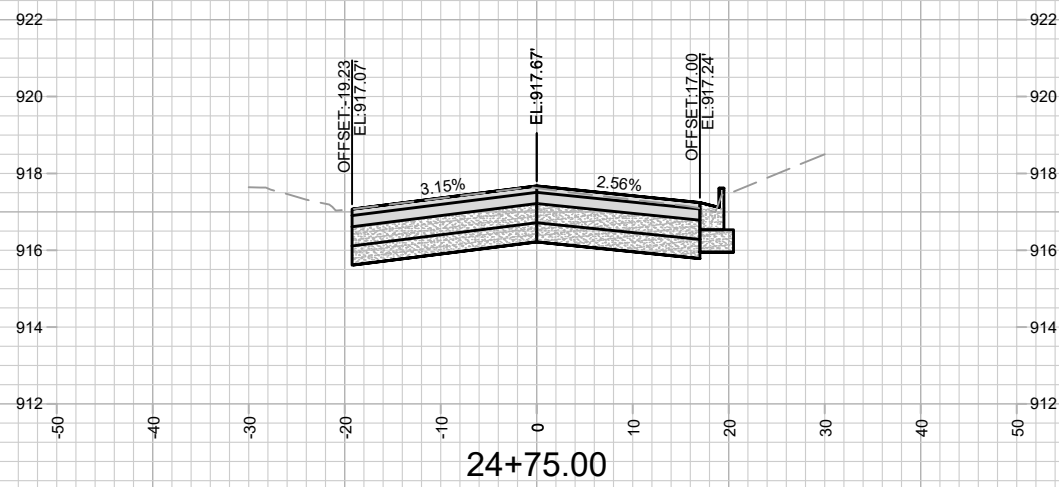
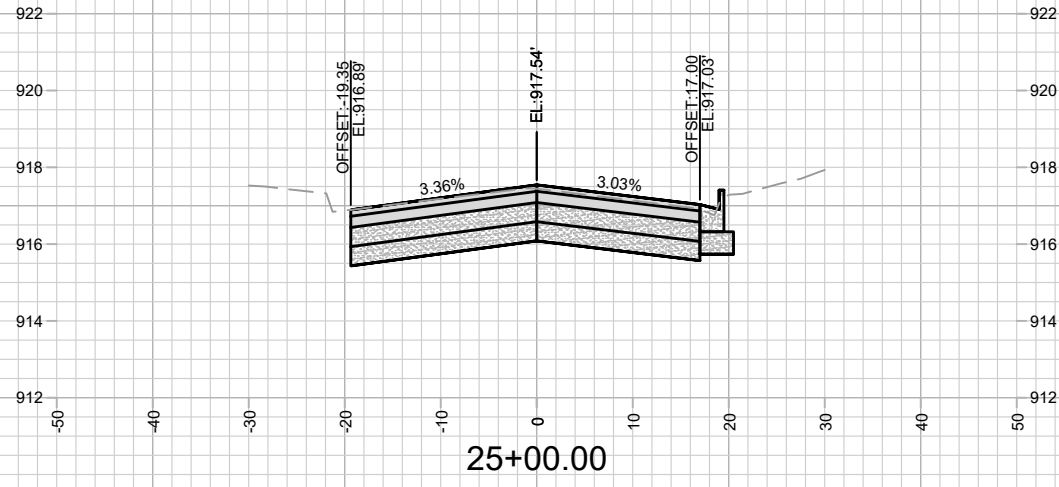


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 MADISON, WI  
 8568  
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 CROSS SECTIONS - OLD MIDDLETON ROAD  
 OLD MIDDLETON RD & CRAIG AVE RESURFACING  
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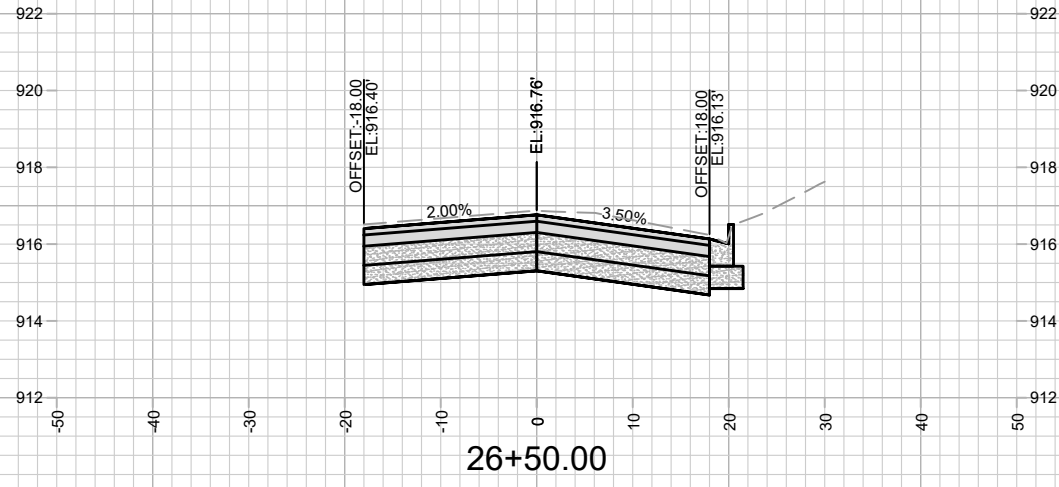


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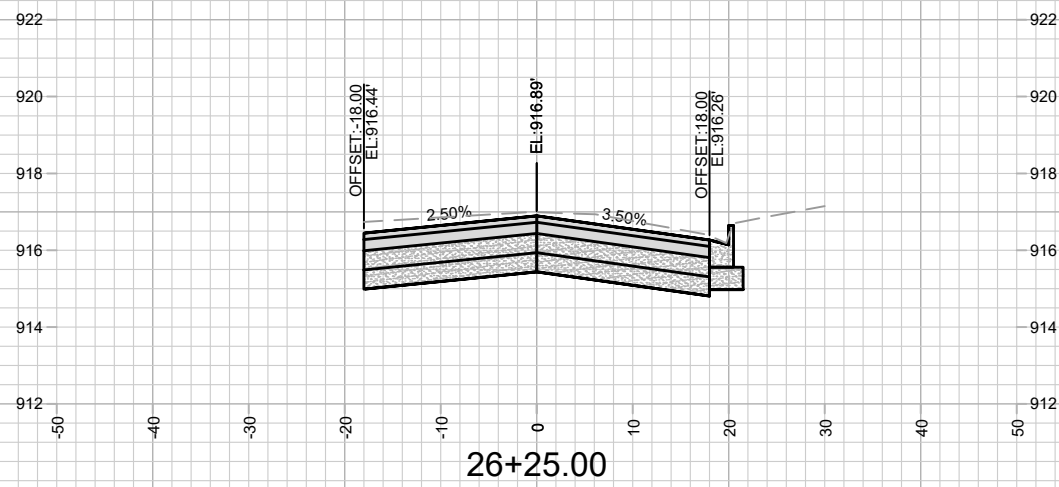
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 MADISON, WI  
 8568  
 CONTRACT NO:  
 CROSS SECTIONS - OLD MIDDLETON ROAD  
 OLD MIDDLETON RD & CRAIG AVE RESURFACING  
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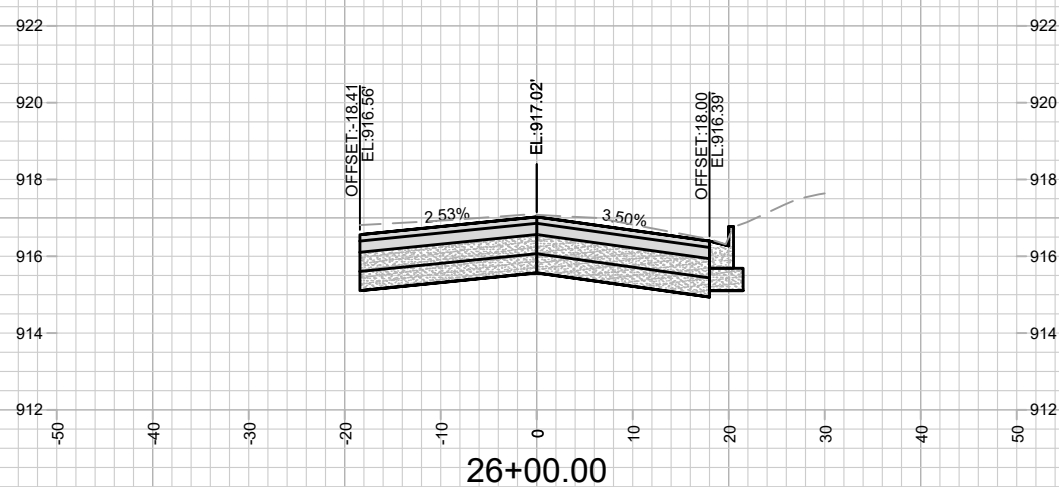
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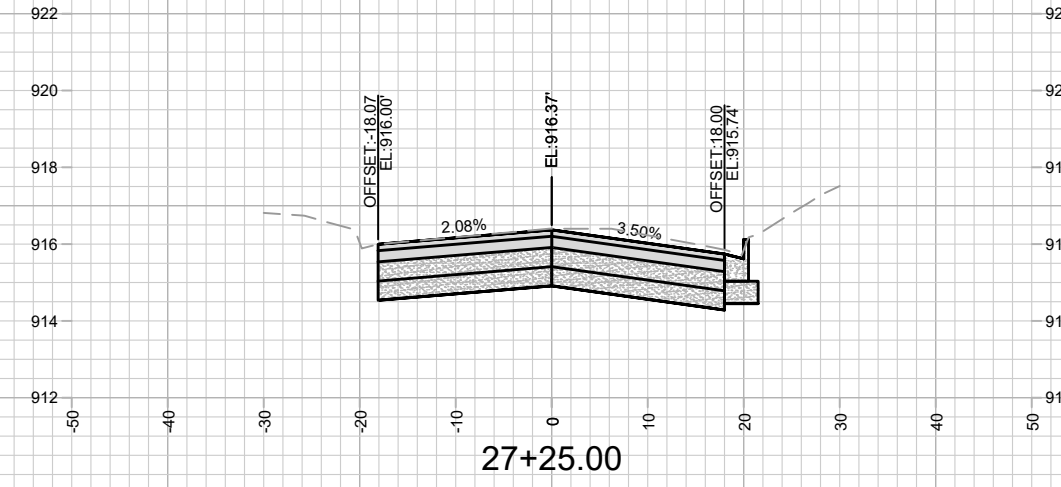
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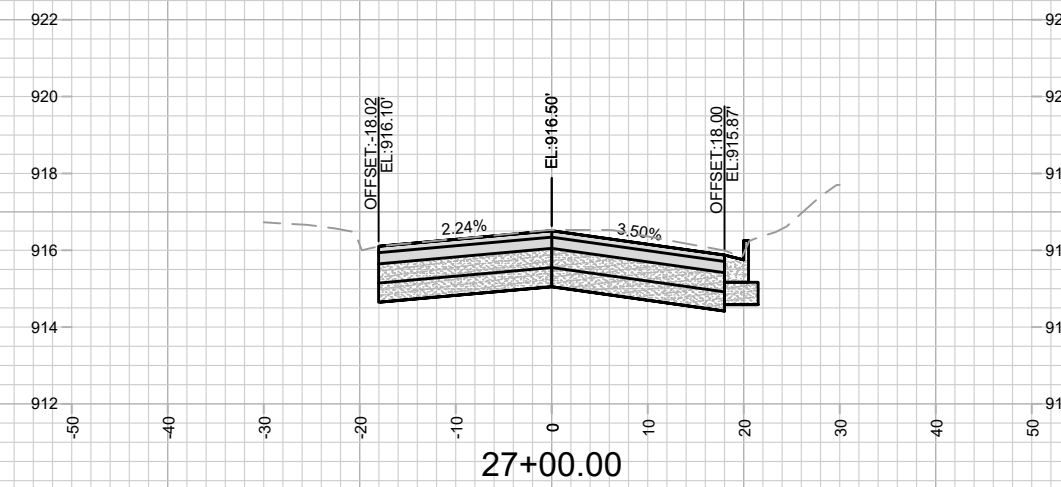
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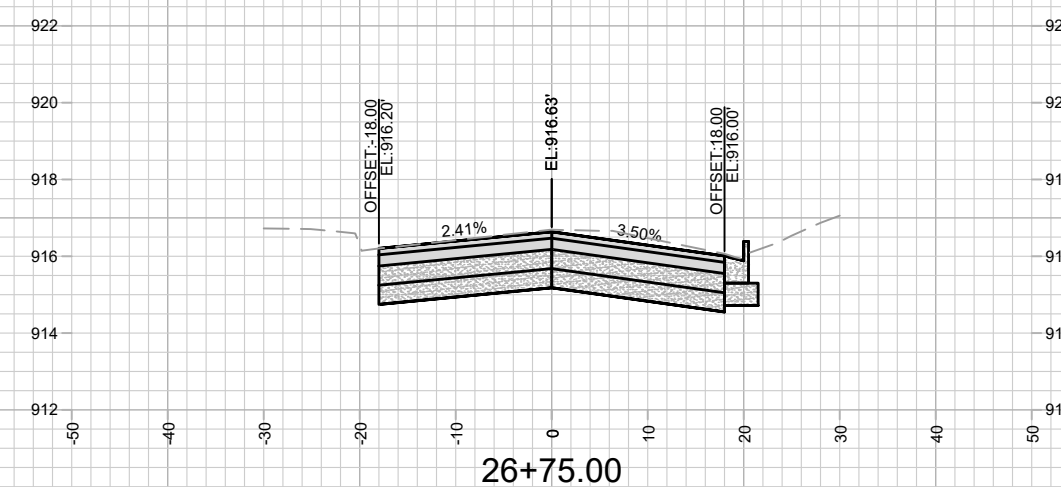
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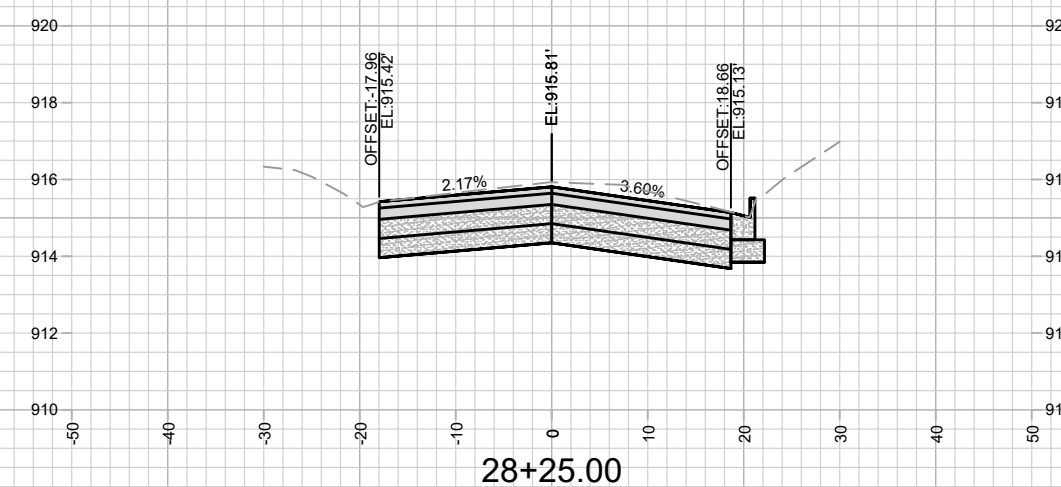
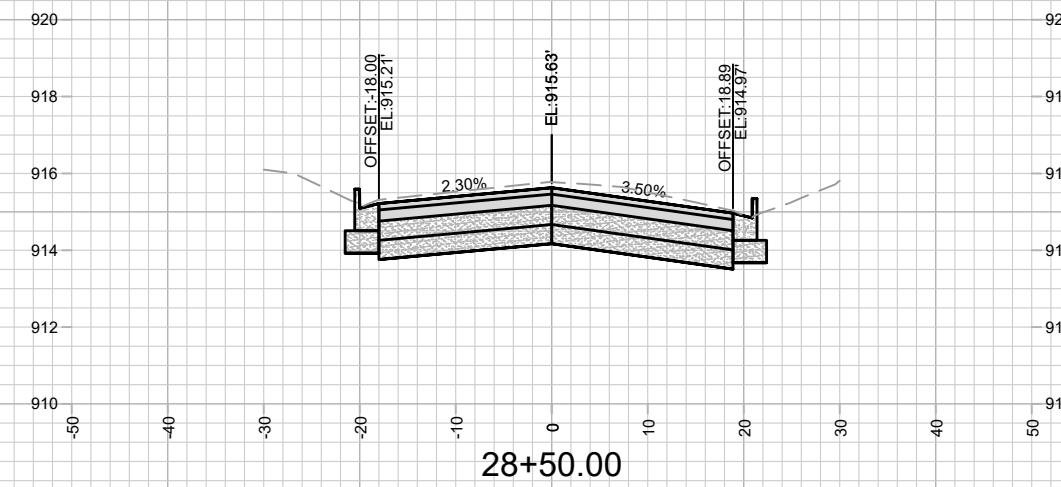
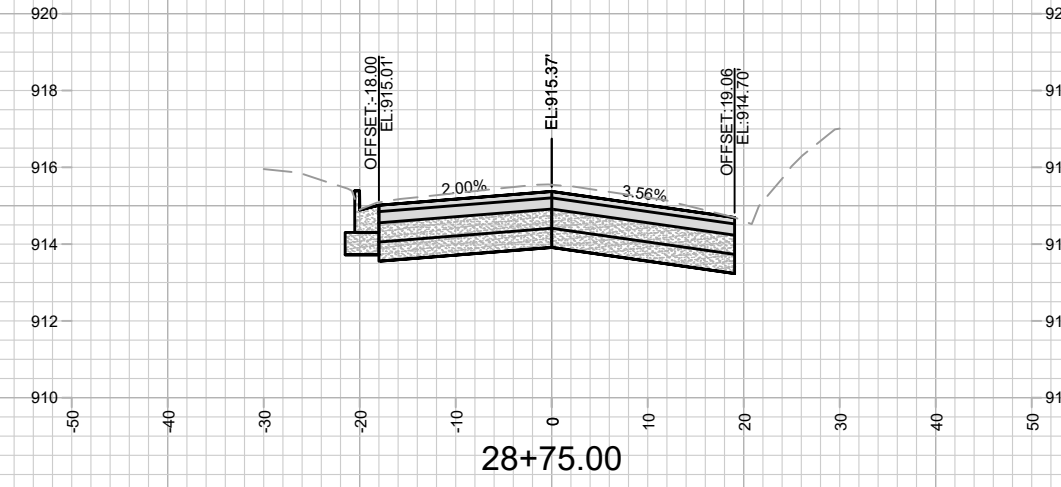
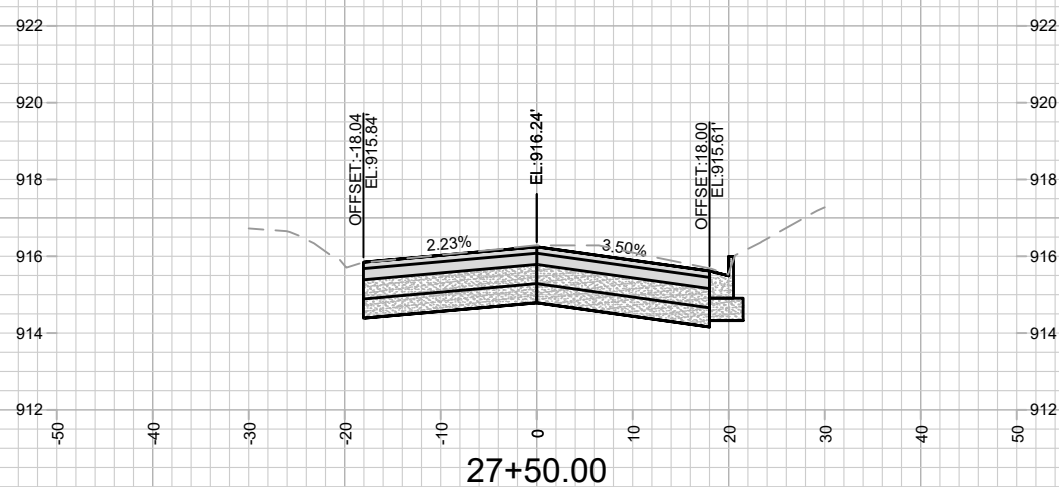
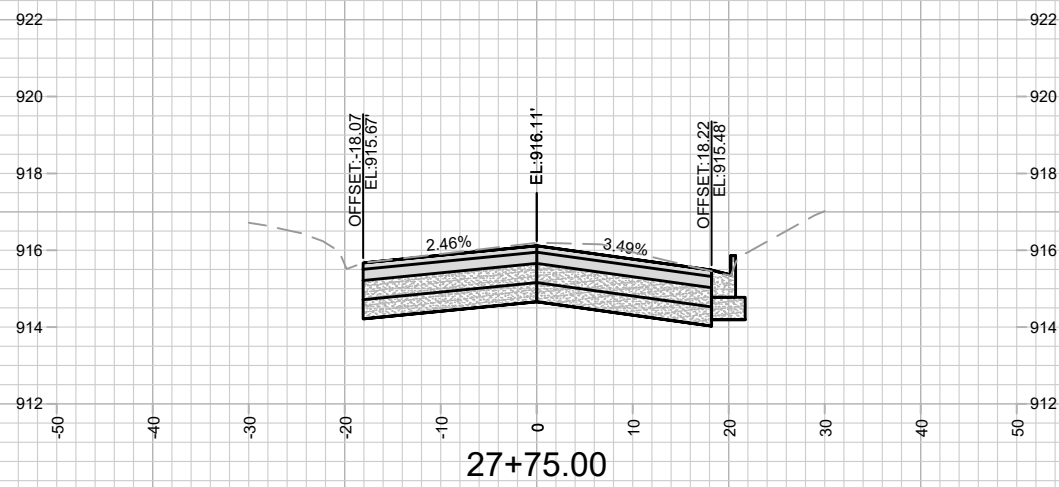
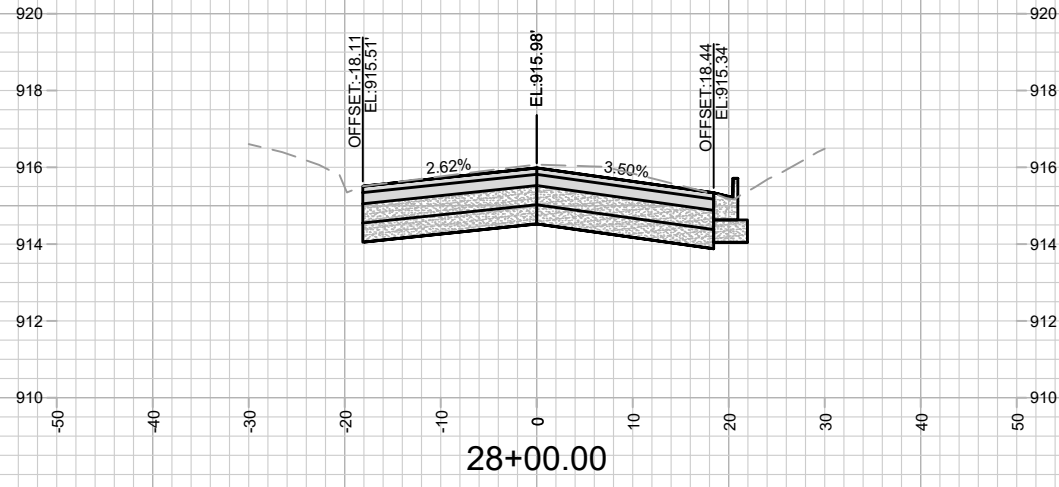
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 MADISON, WI  
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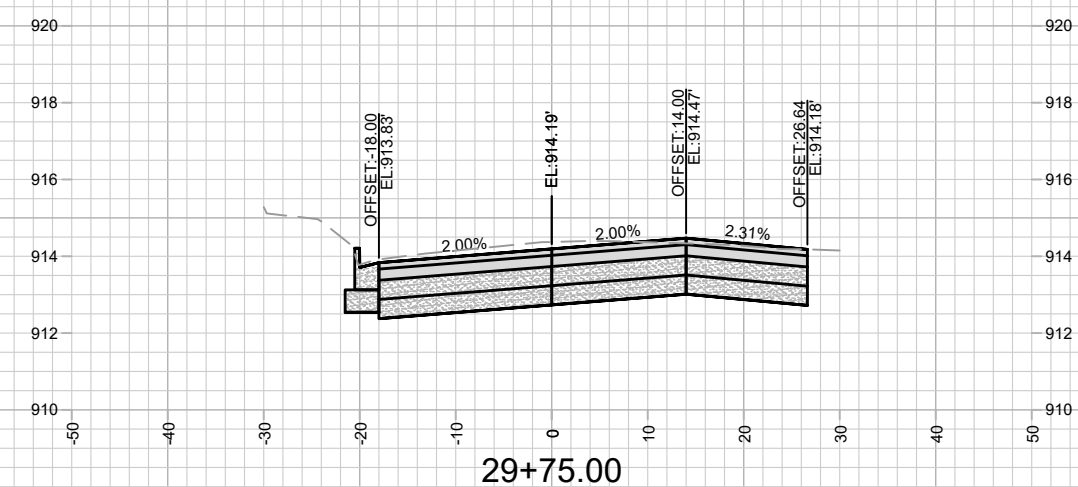
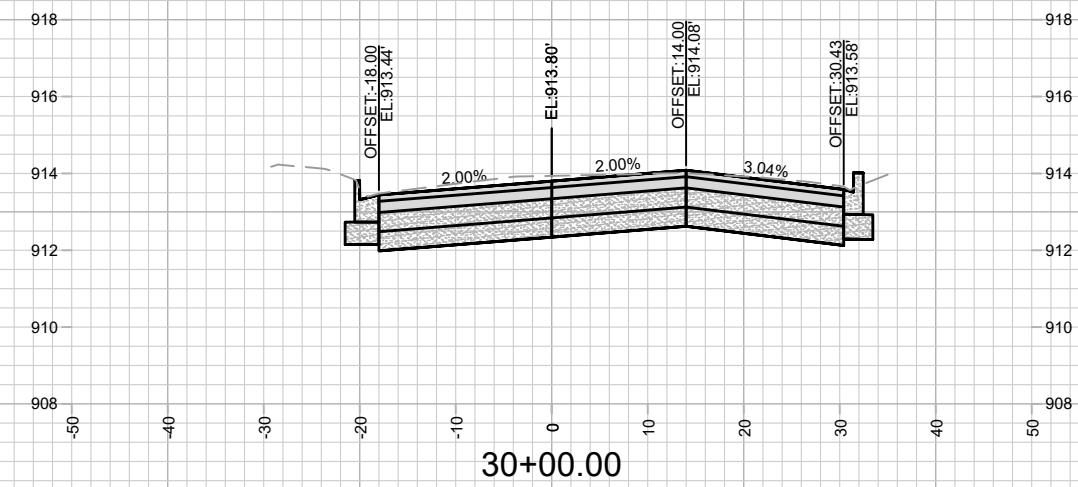
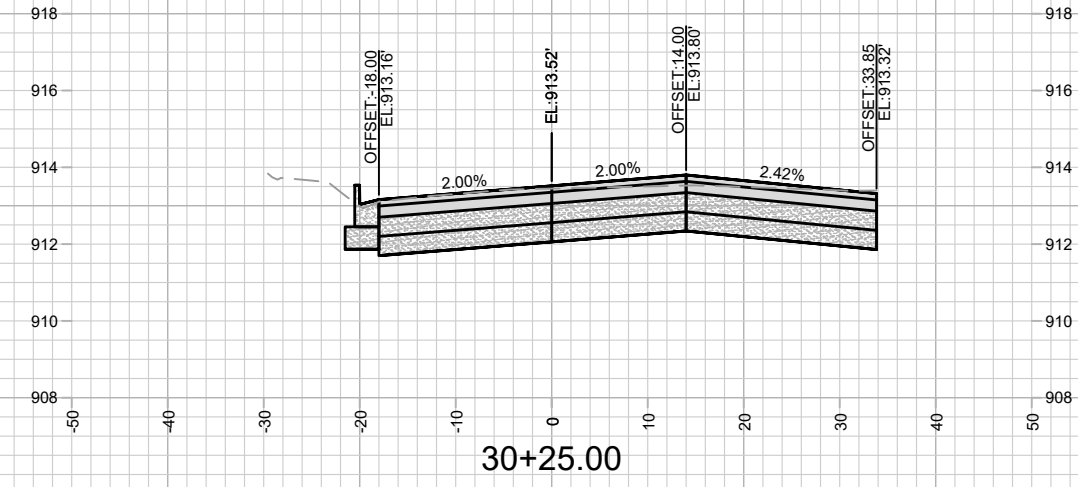
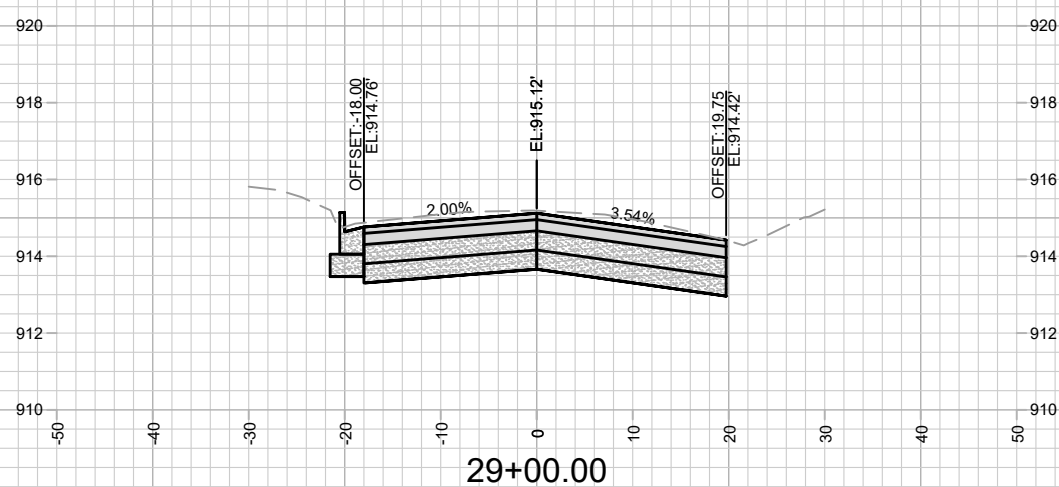
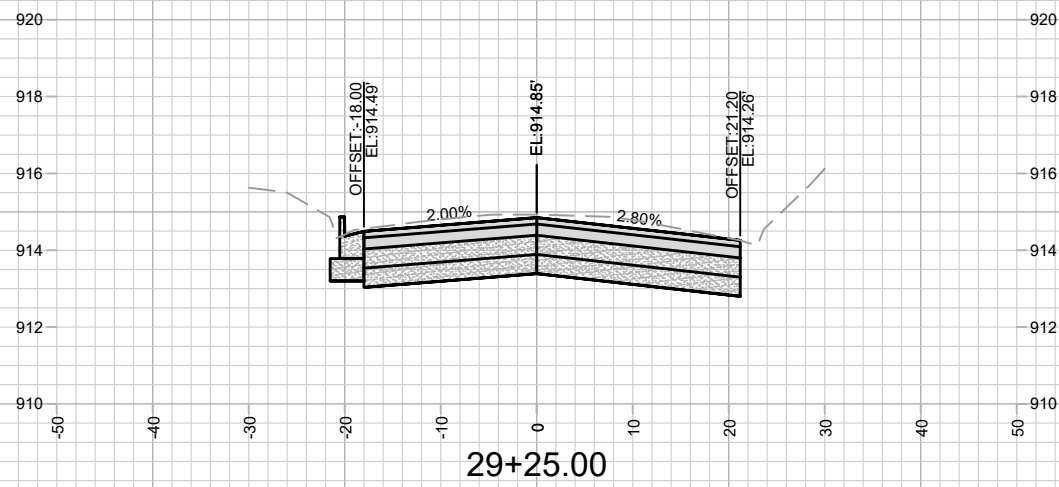
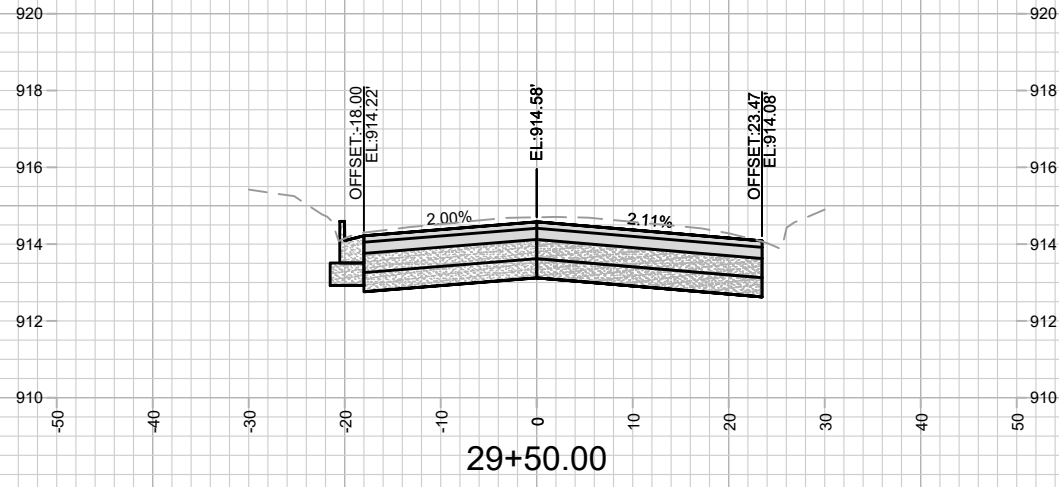
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8568  
CONTRACT NO:

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OLD MIDDLETON RD & CRAIG AVE RESURFACING  
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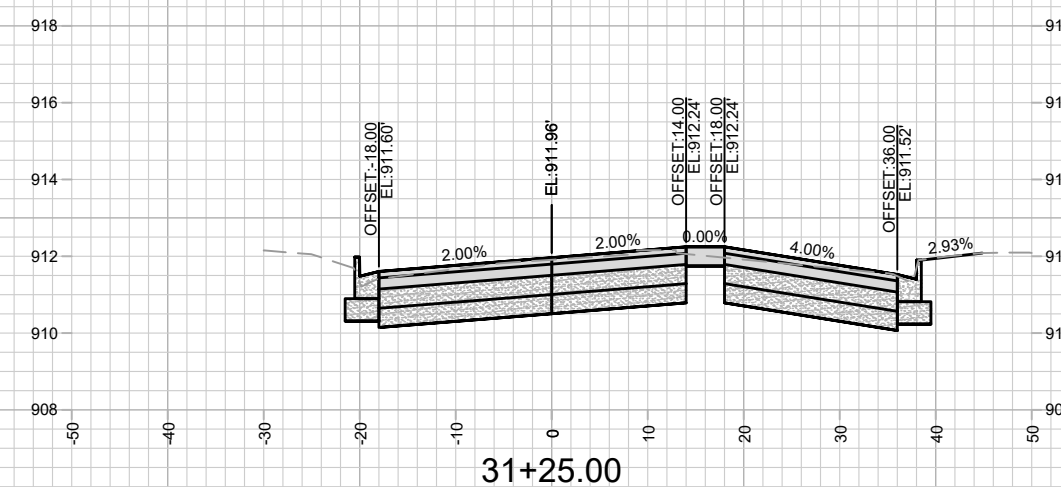
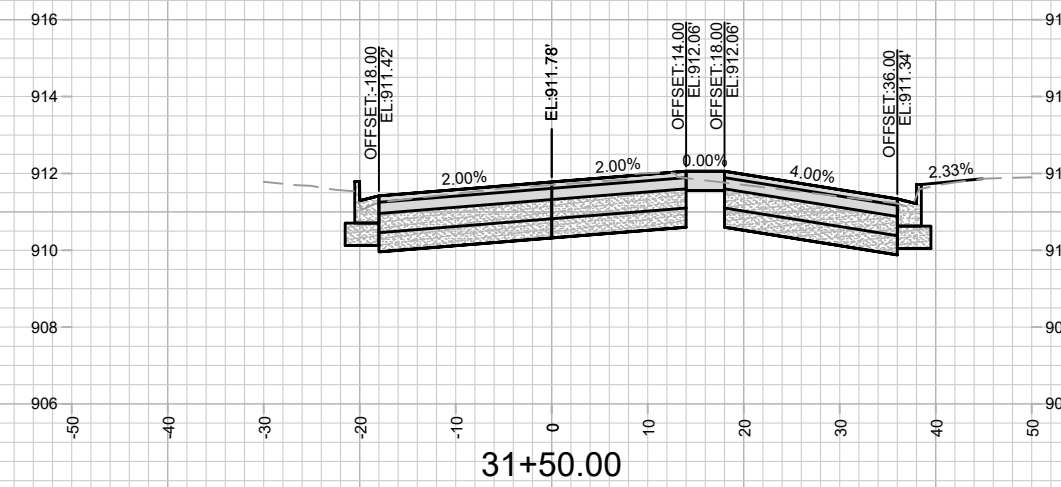
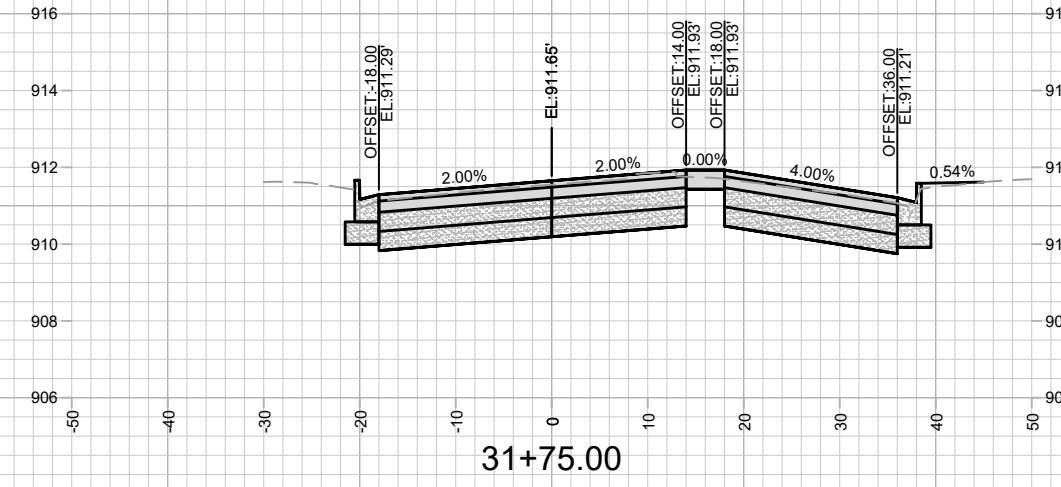
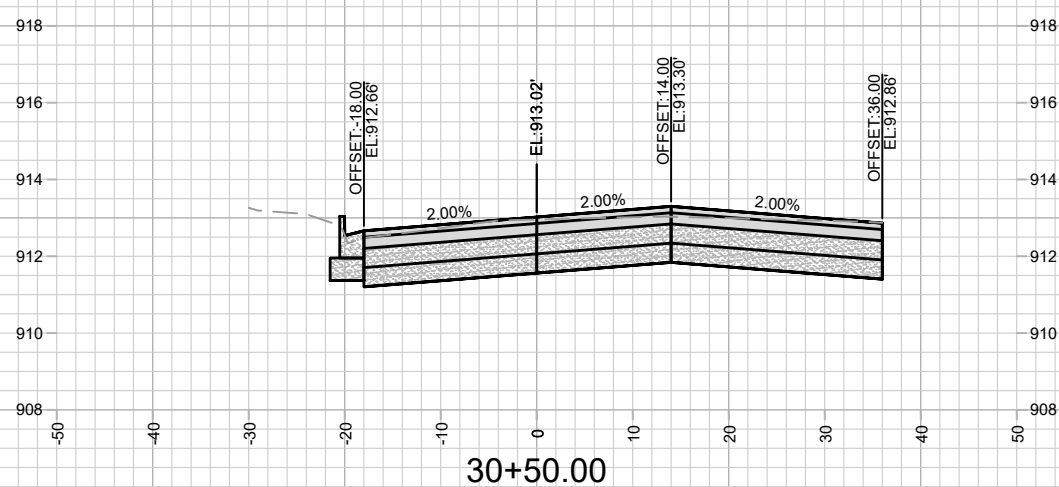
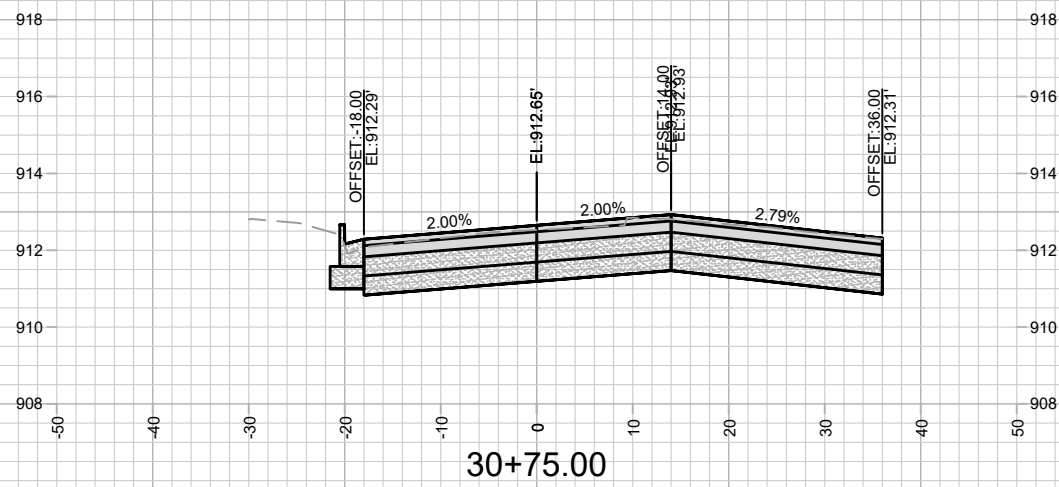
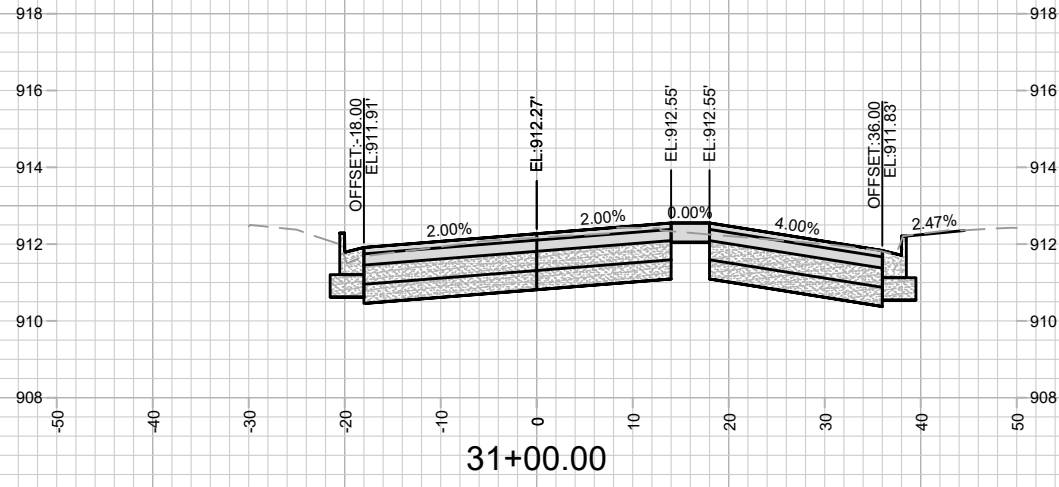


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 MADISON, WI  
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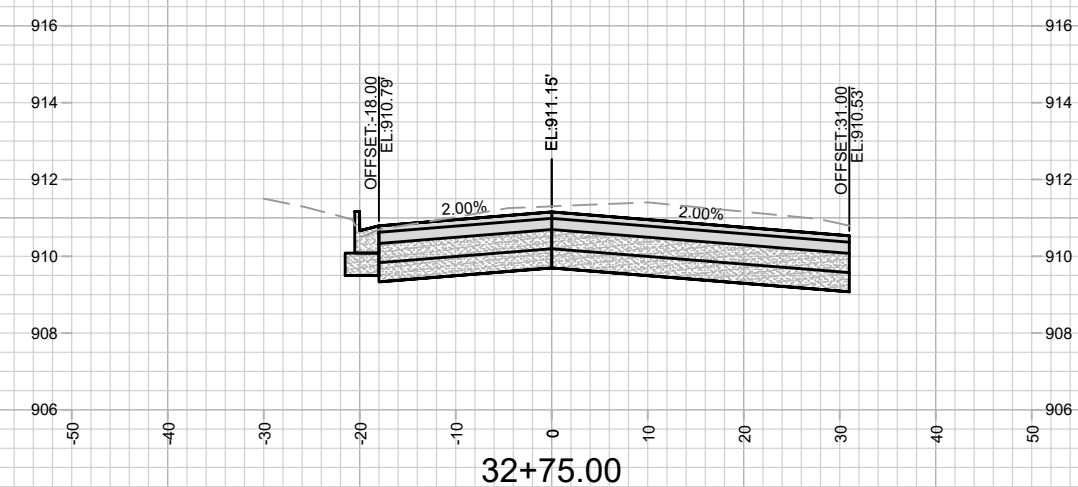
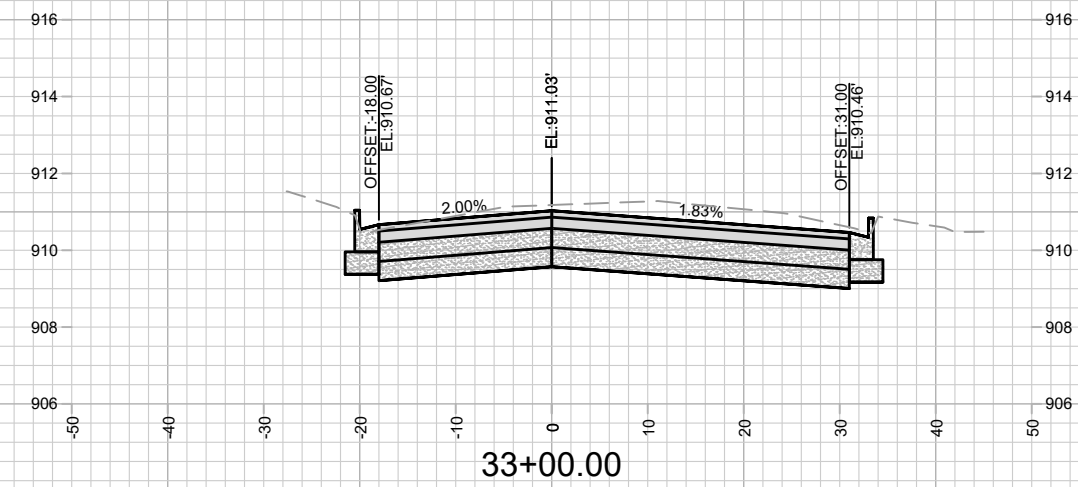
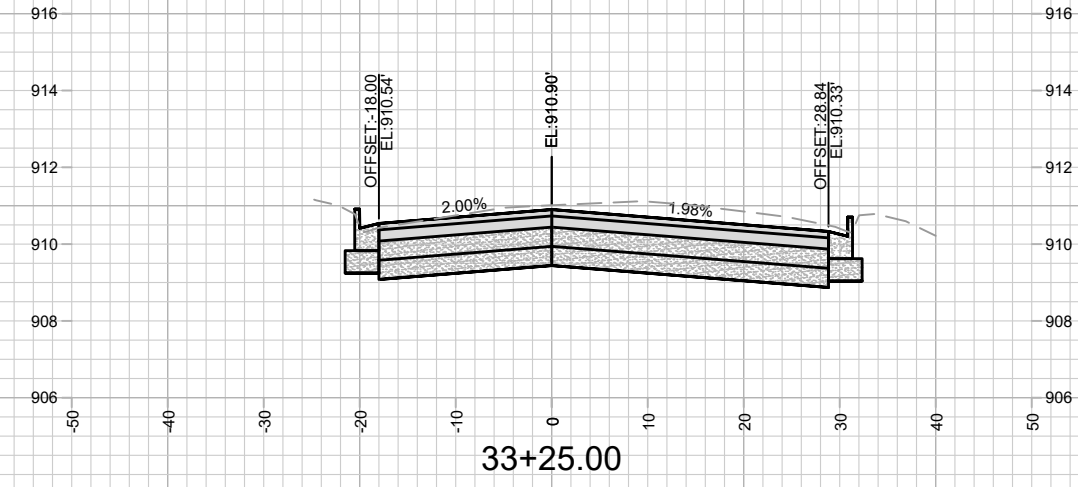
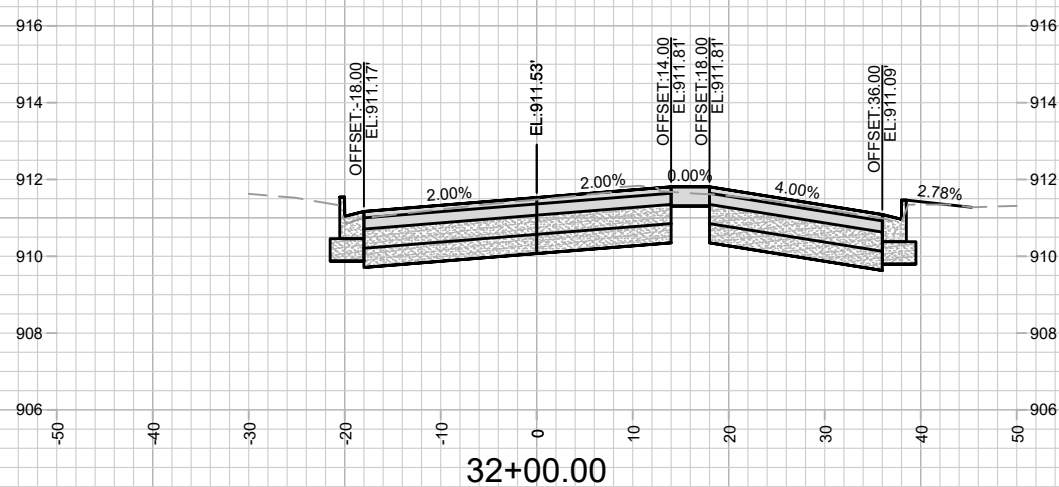
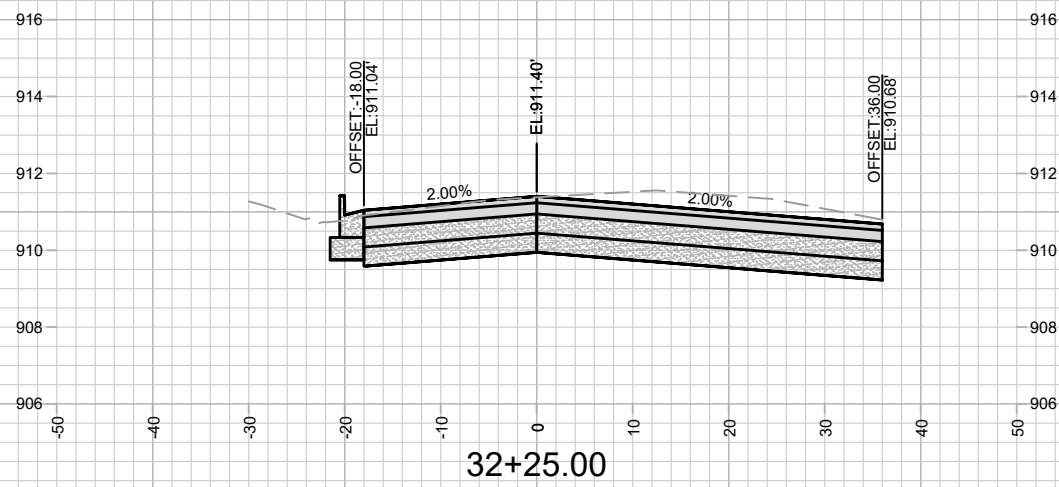
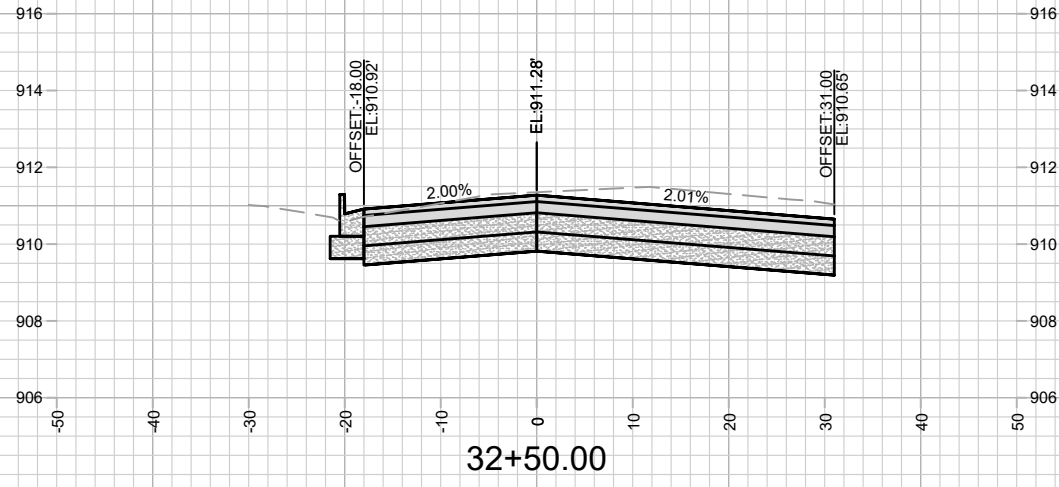
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MADISON, WI  
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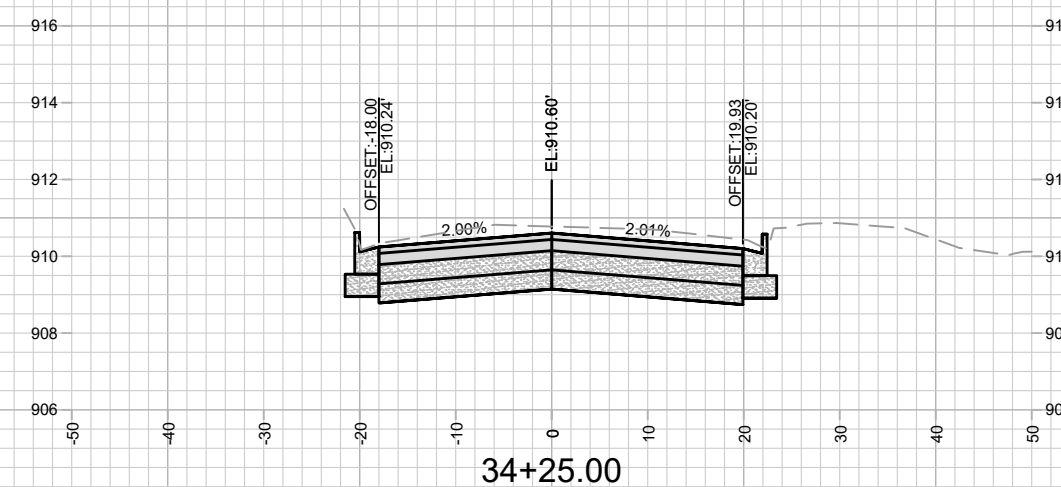
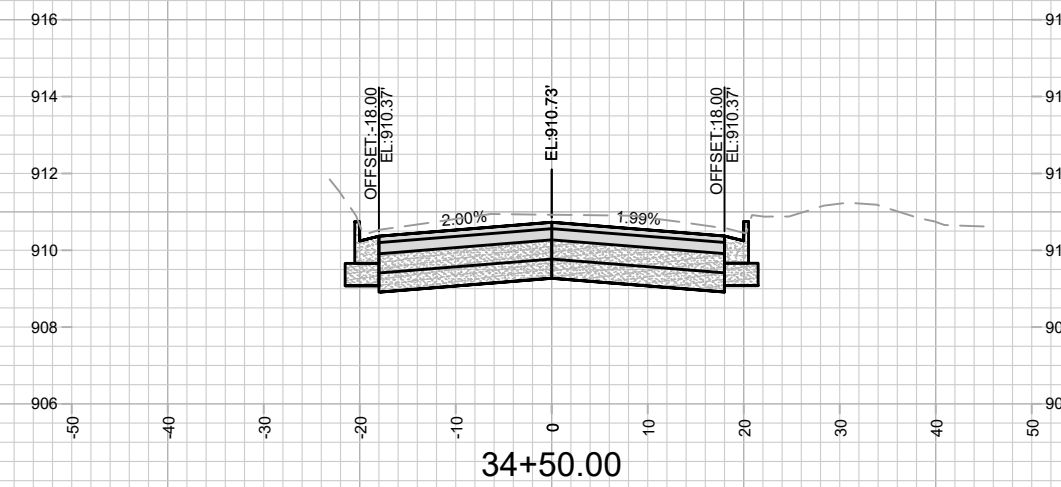
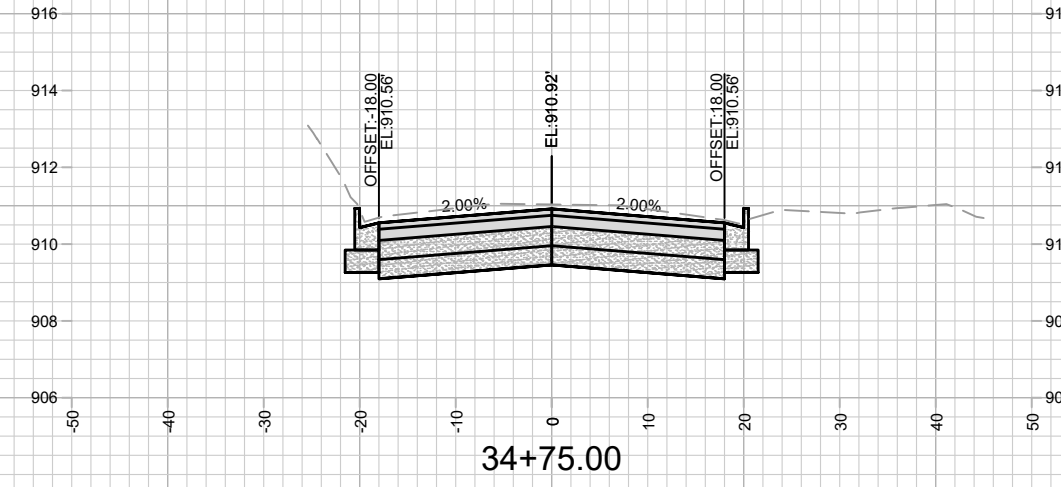
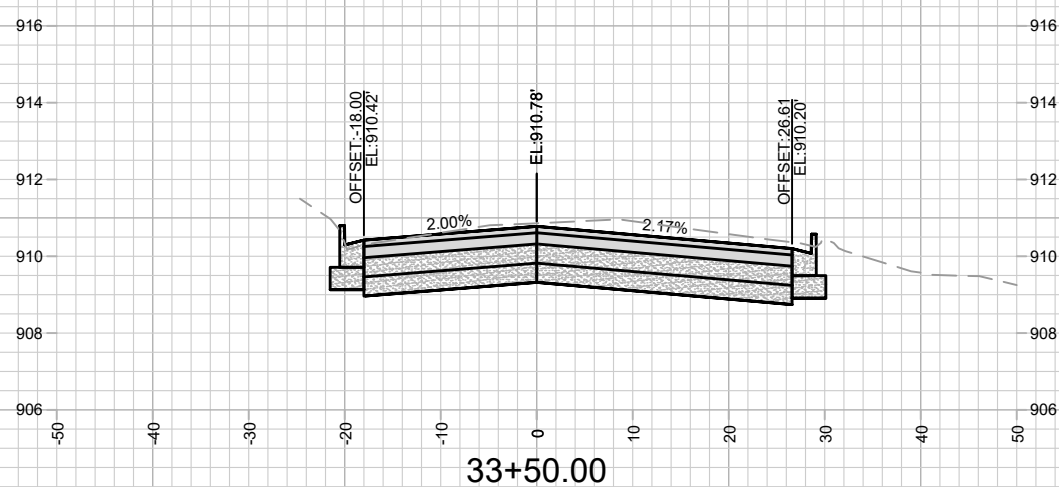
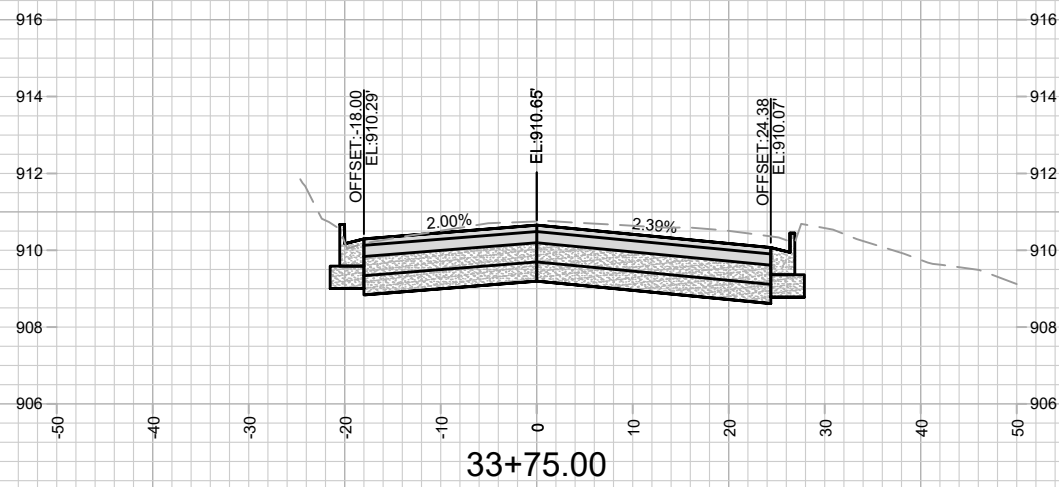
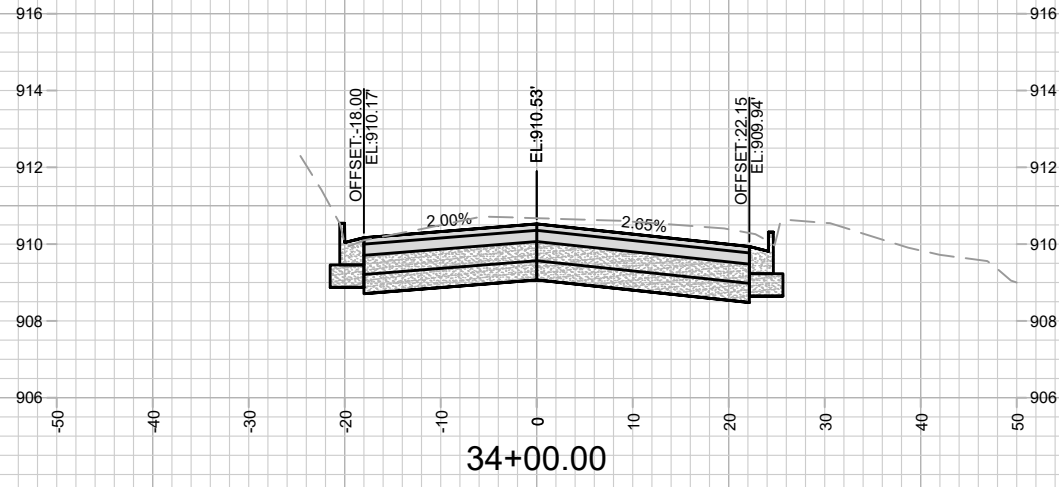


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 MADISON, WI  
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 OLD MIDDLETON RD & CRAIG AVE RESURFACING  
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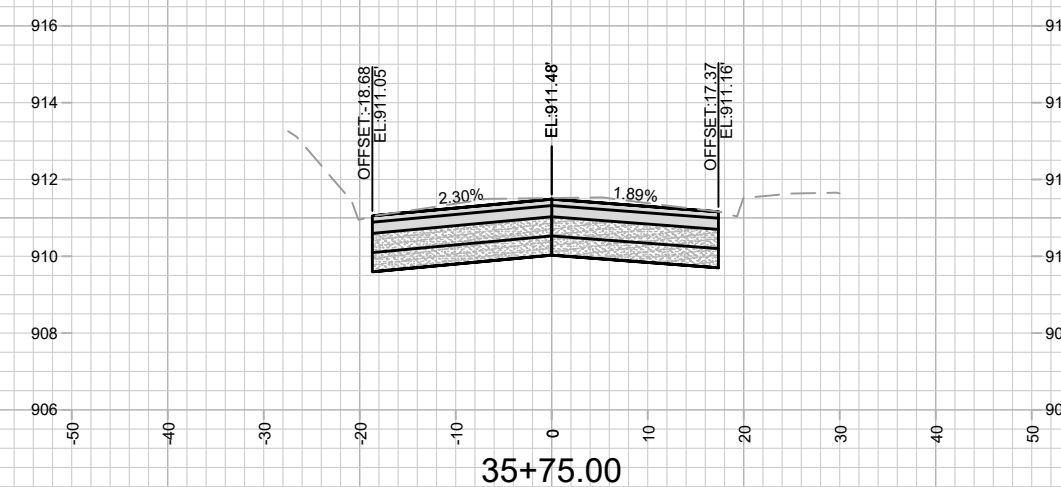
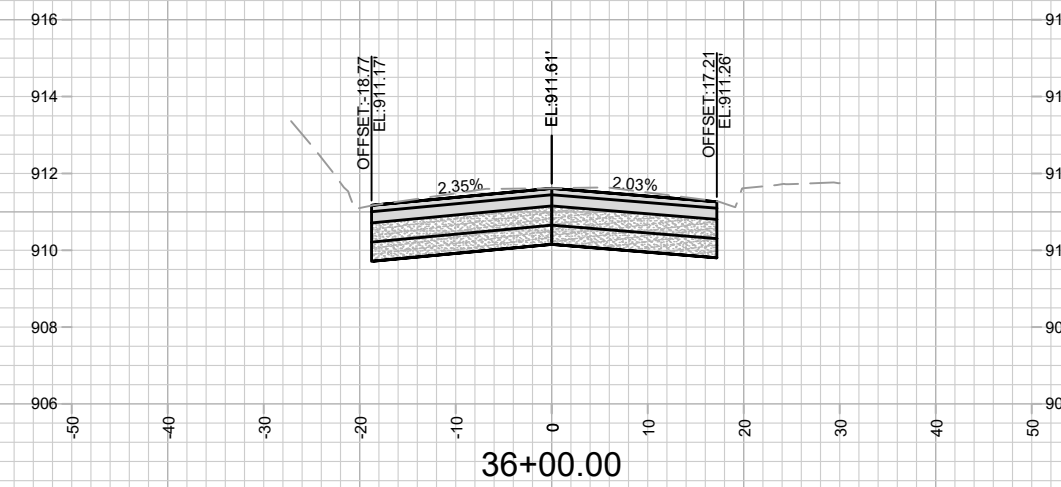
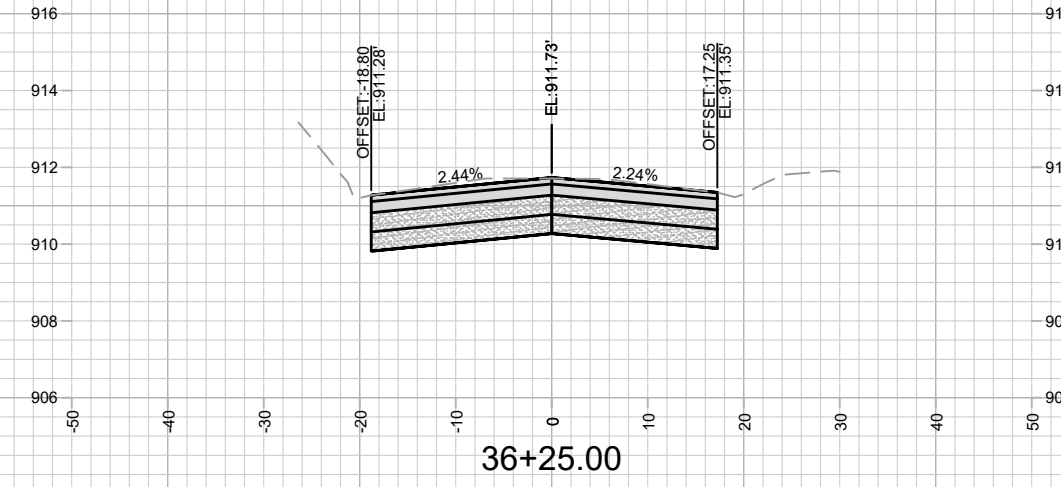
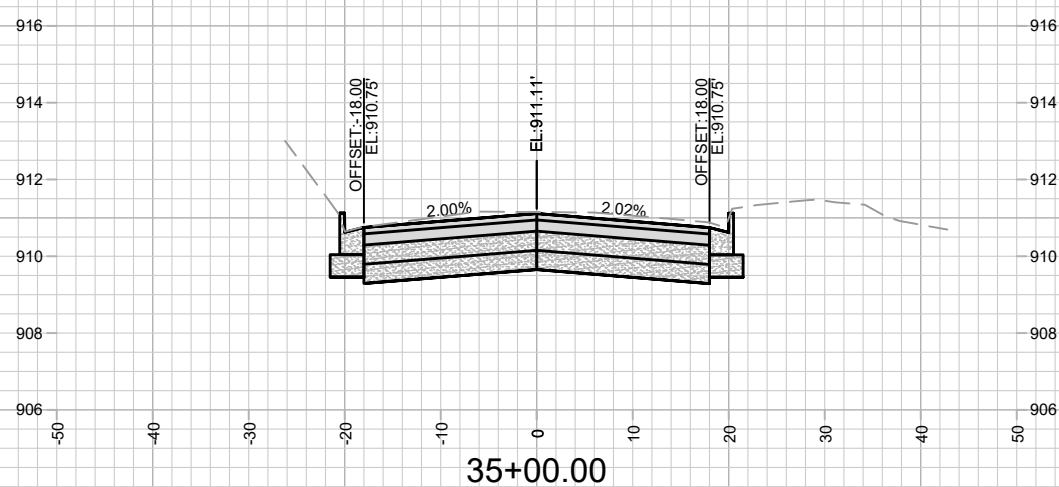
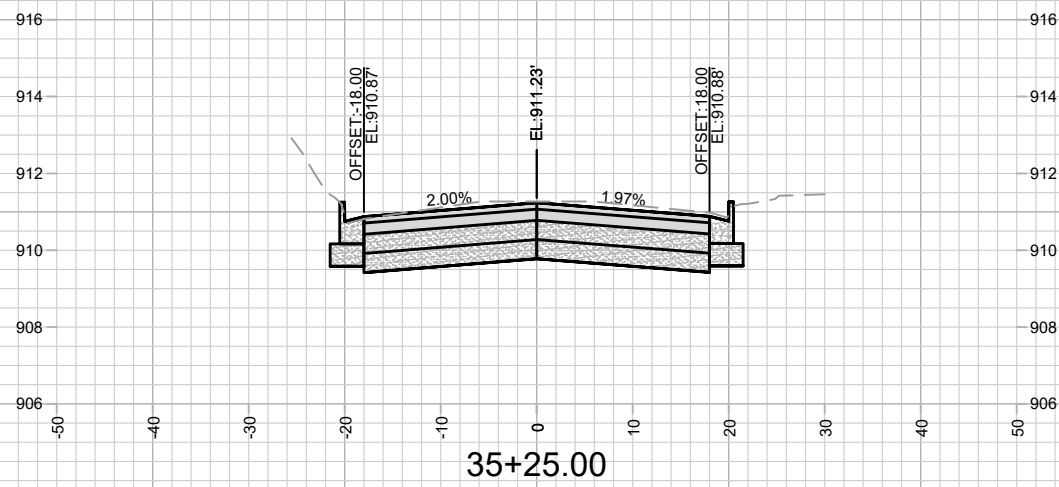
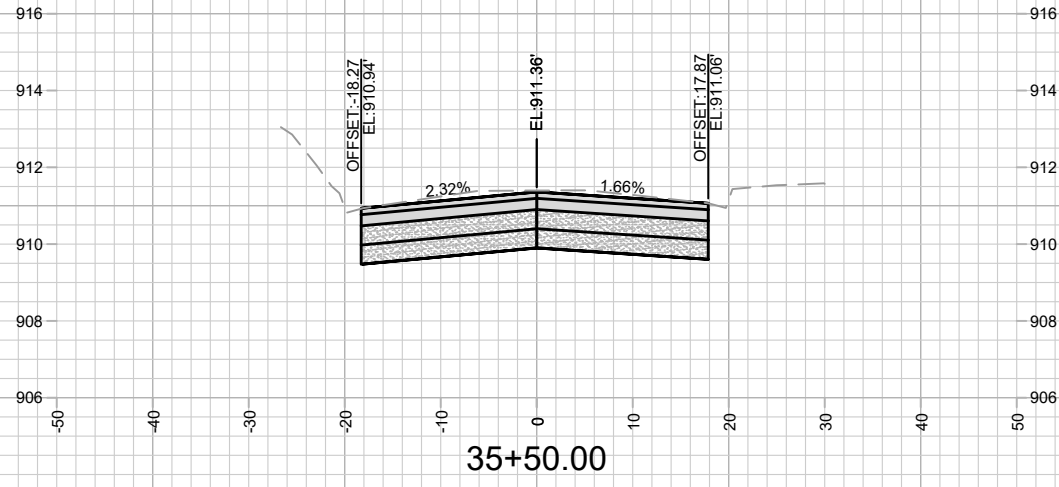
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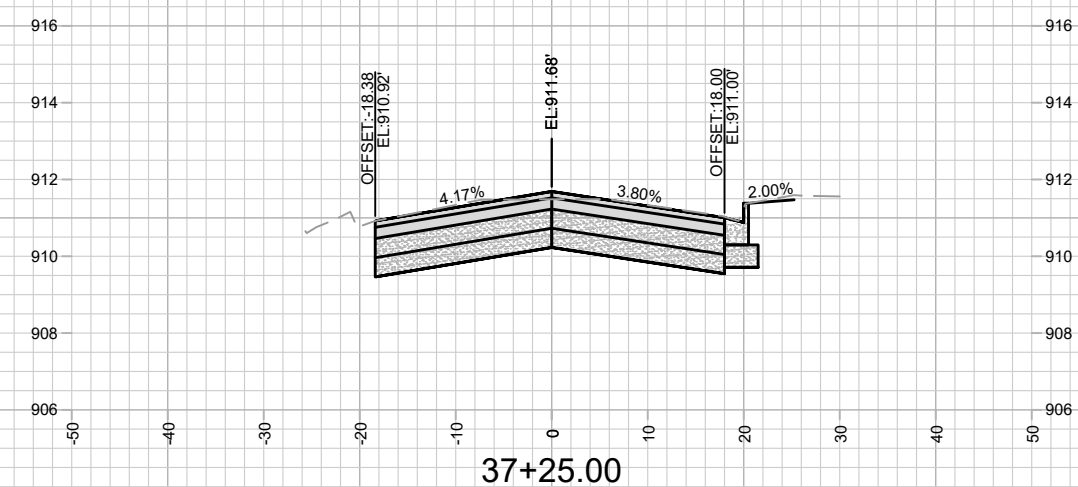
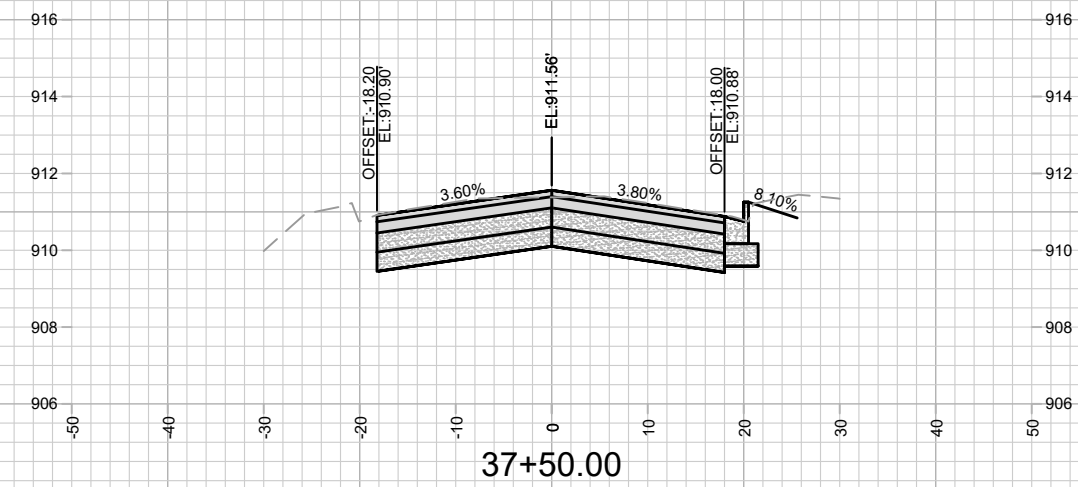
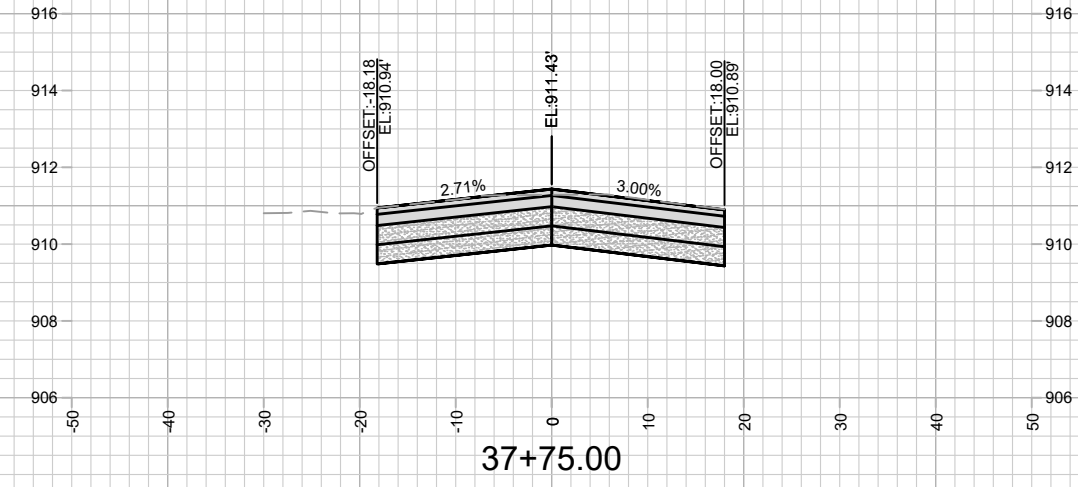
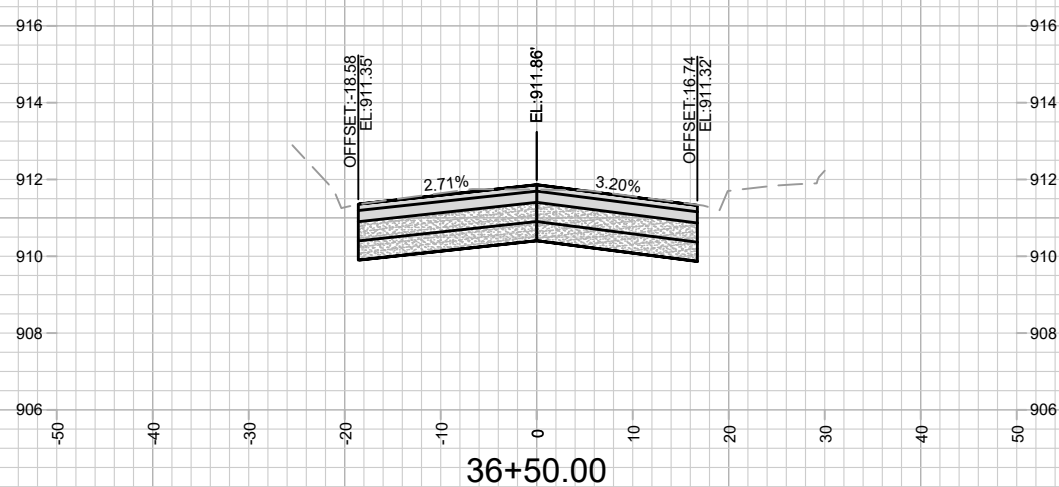
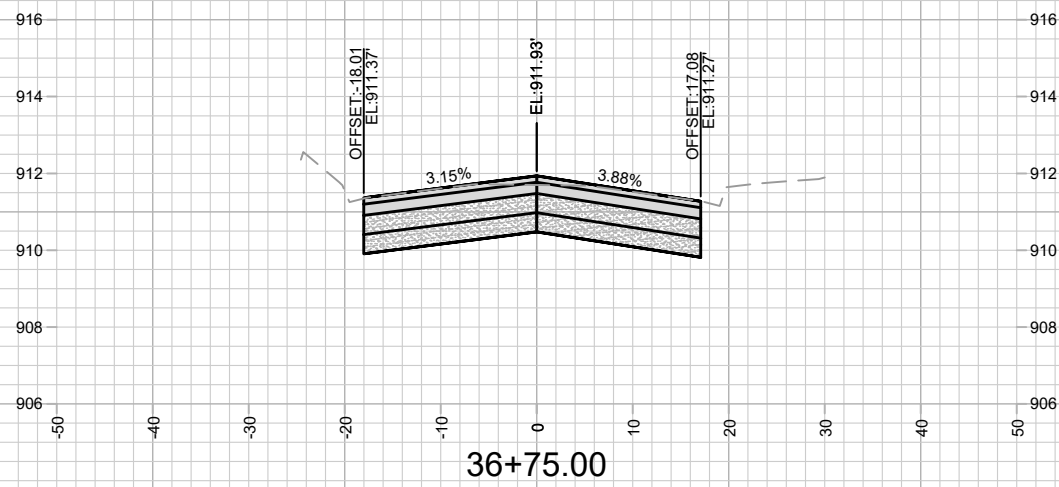
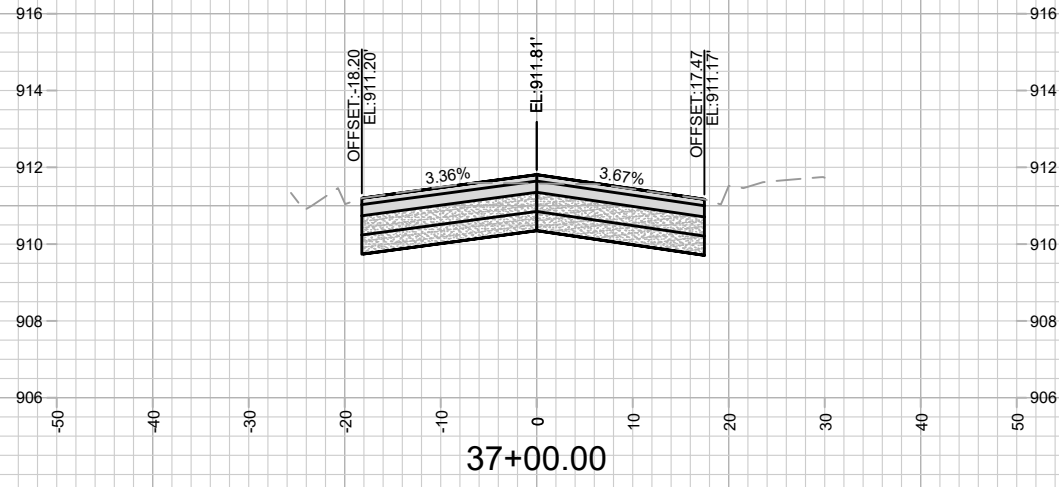


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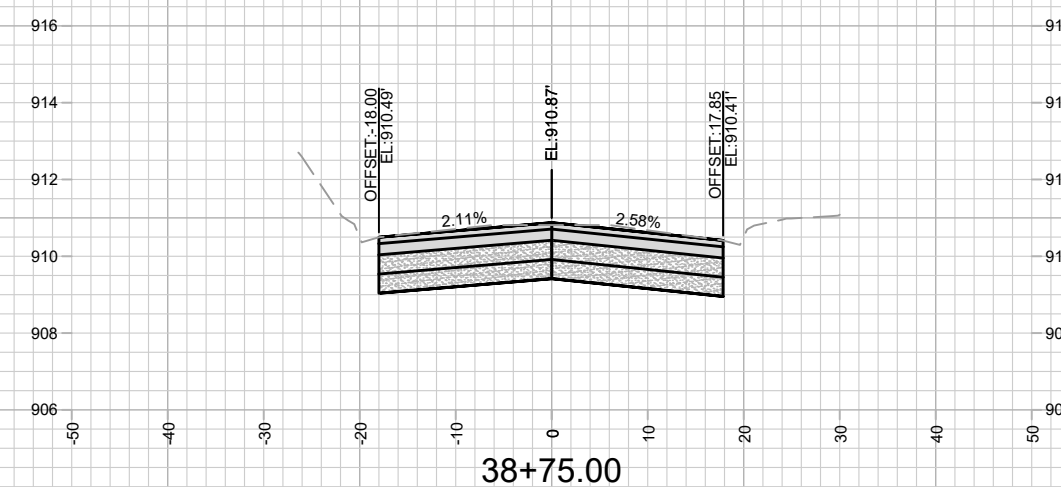
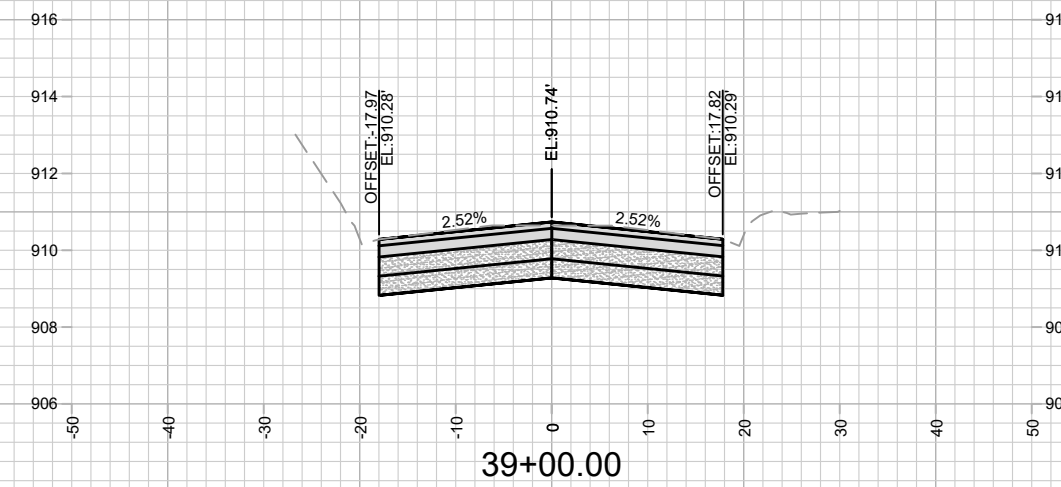
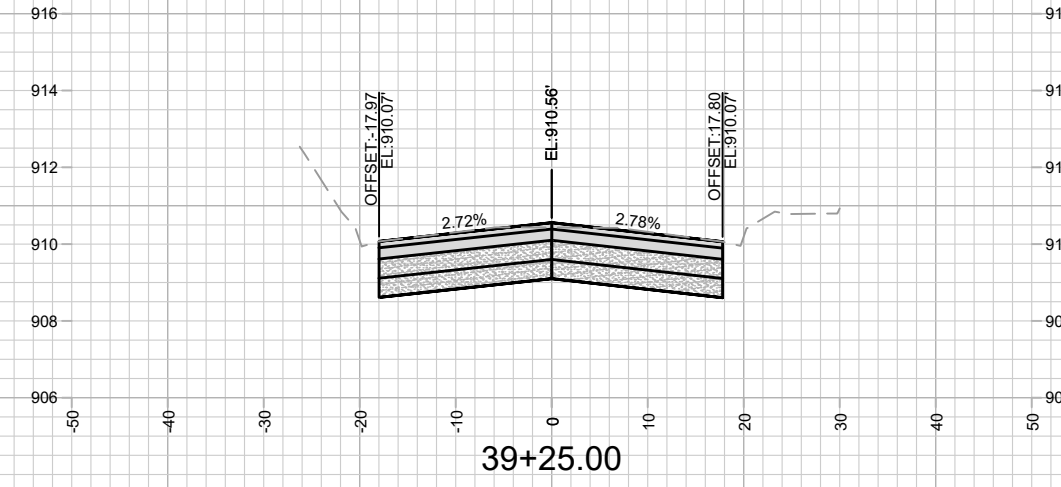
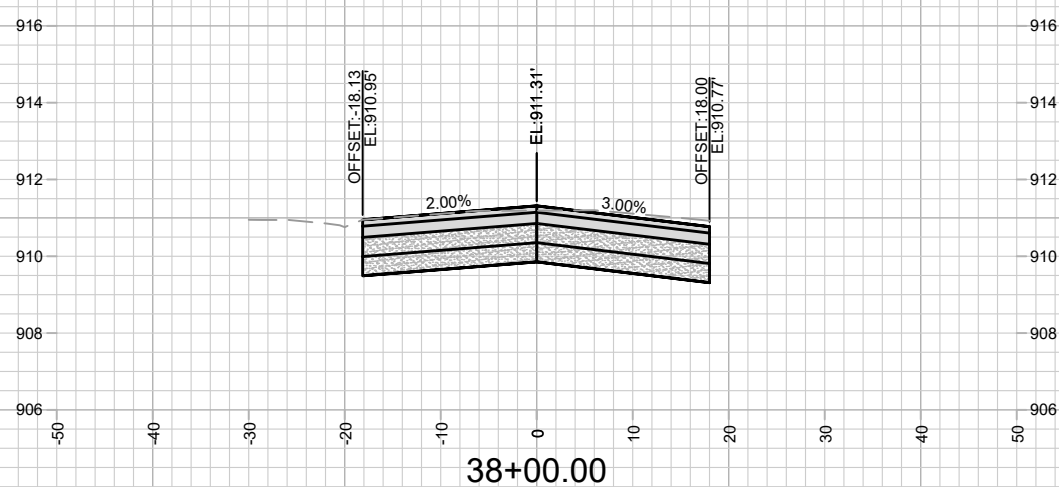
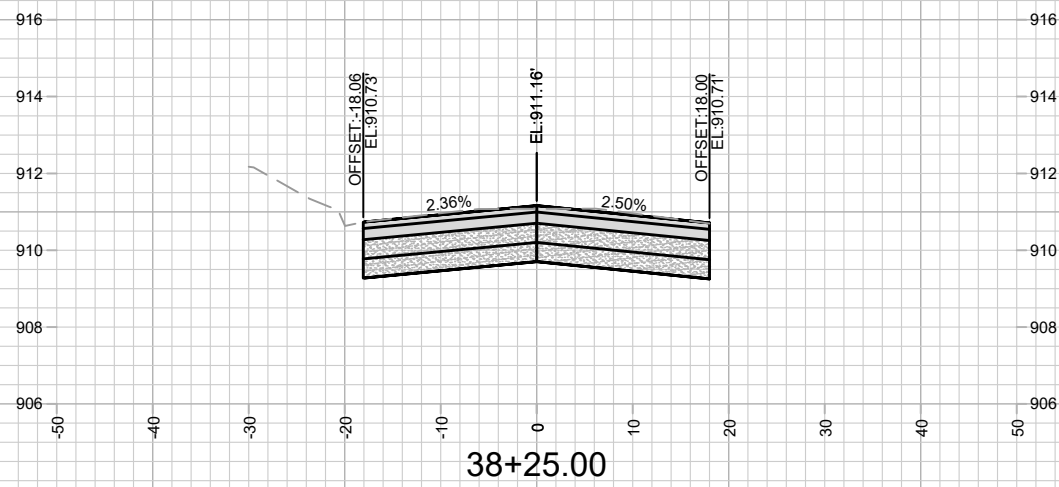
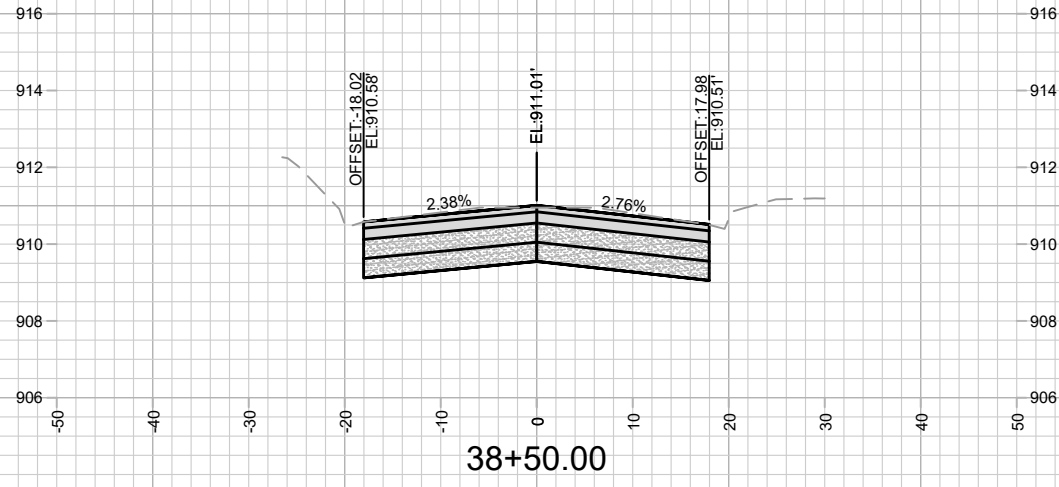
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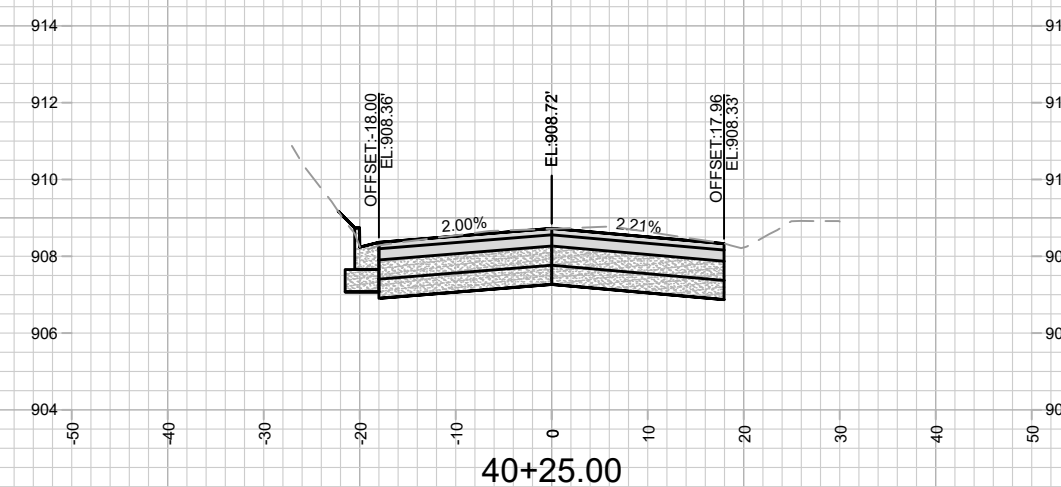
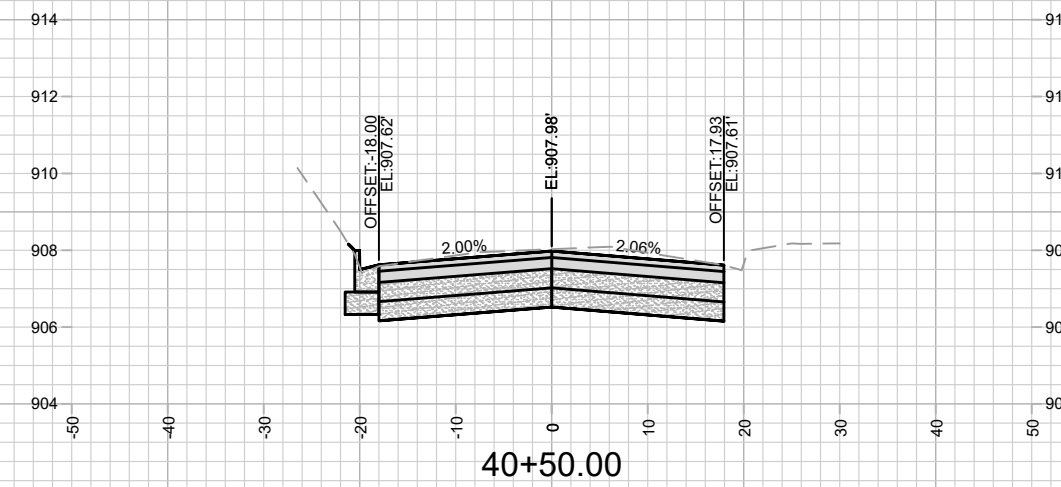
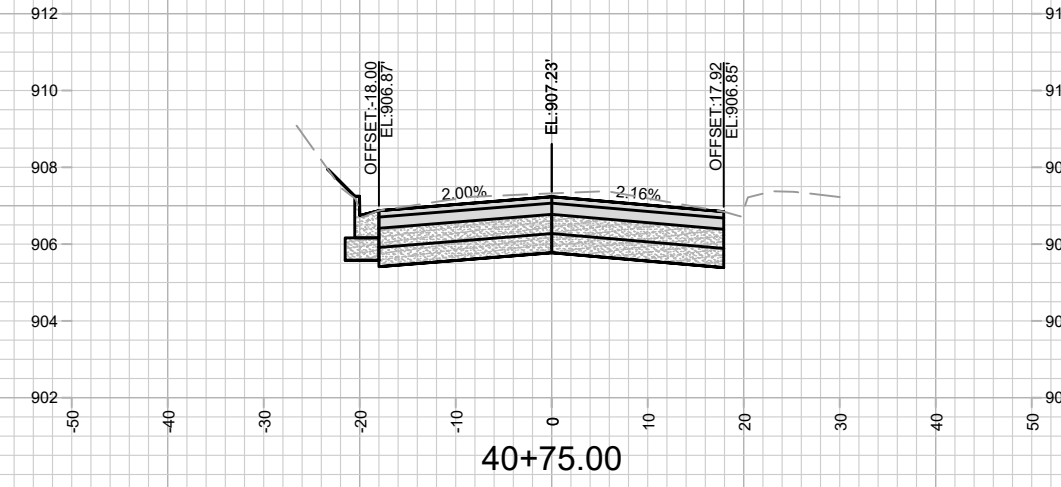
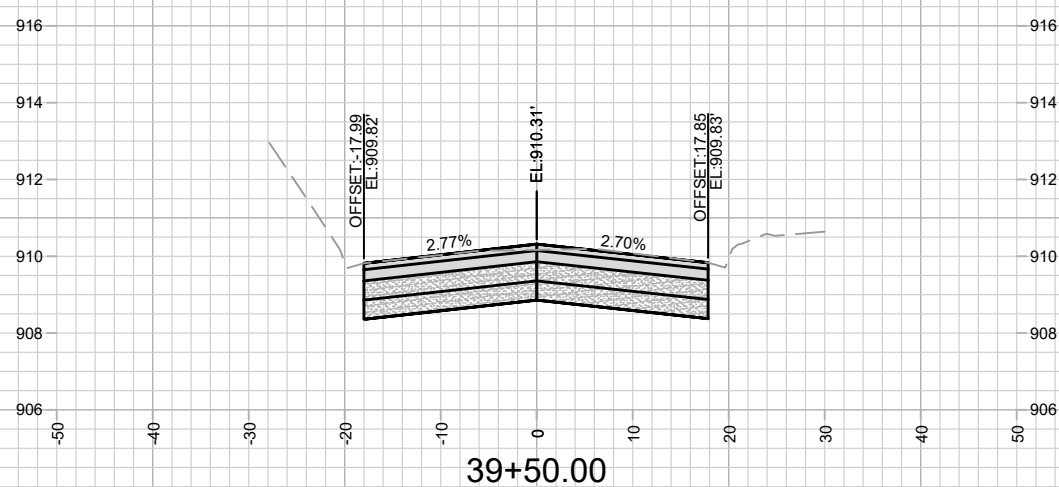
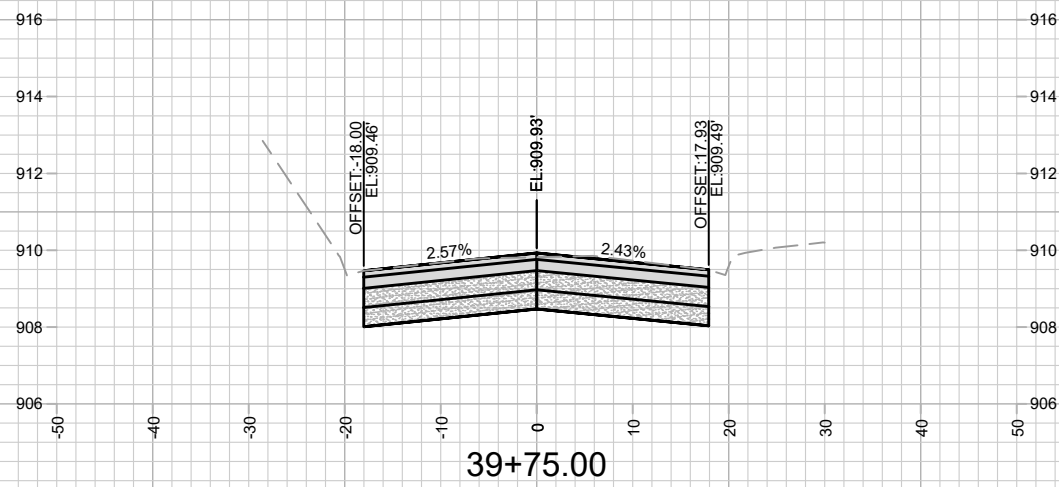
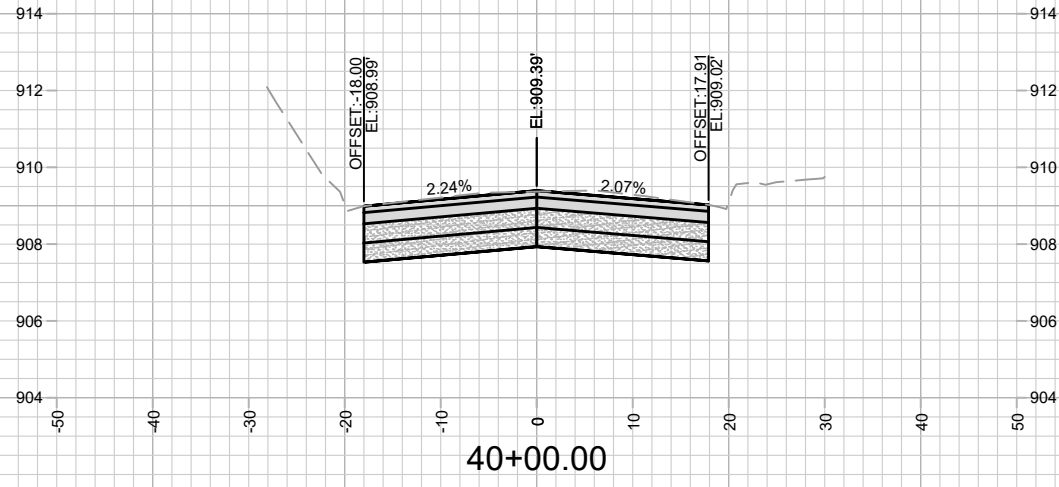


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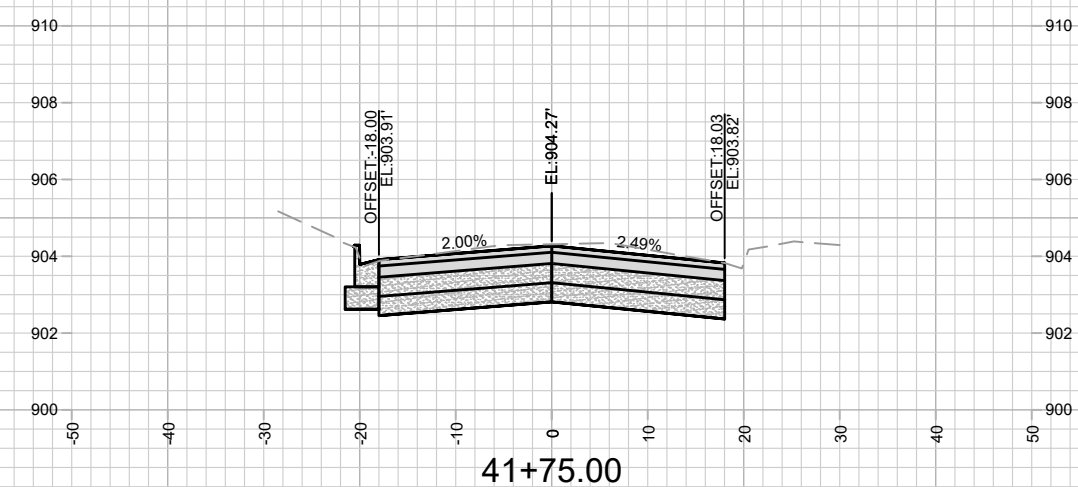
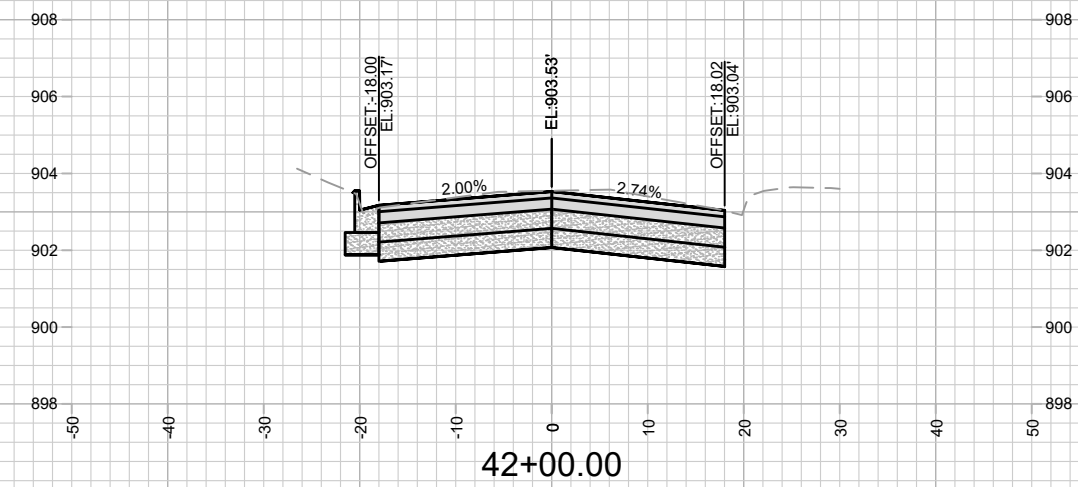
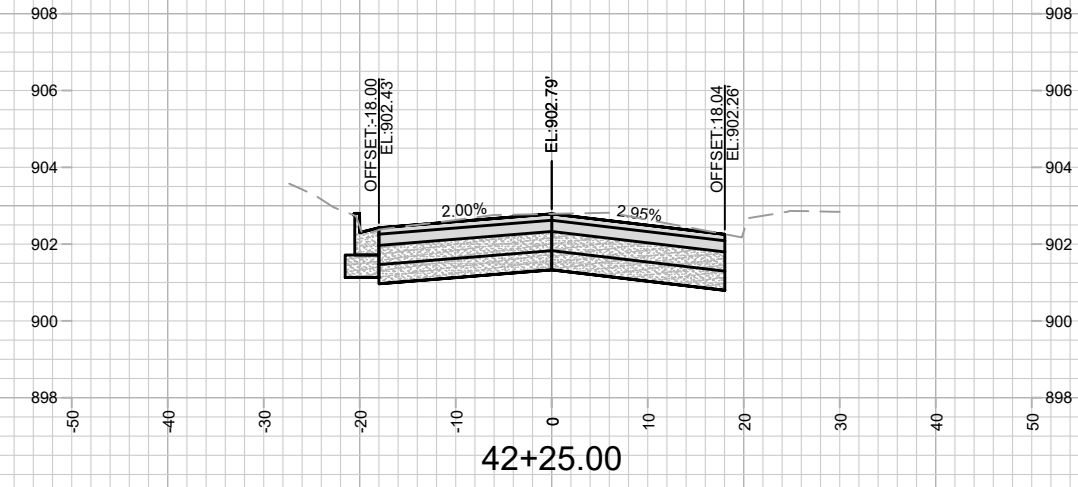
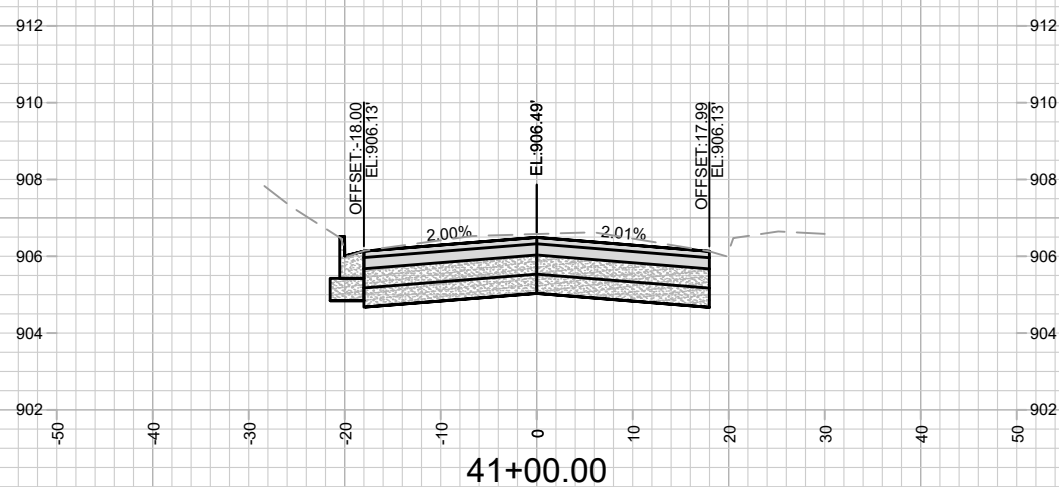
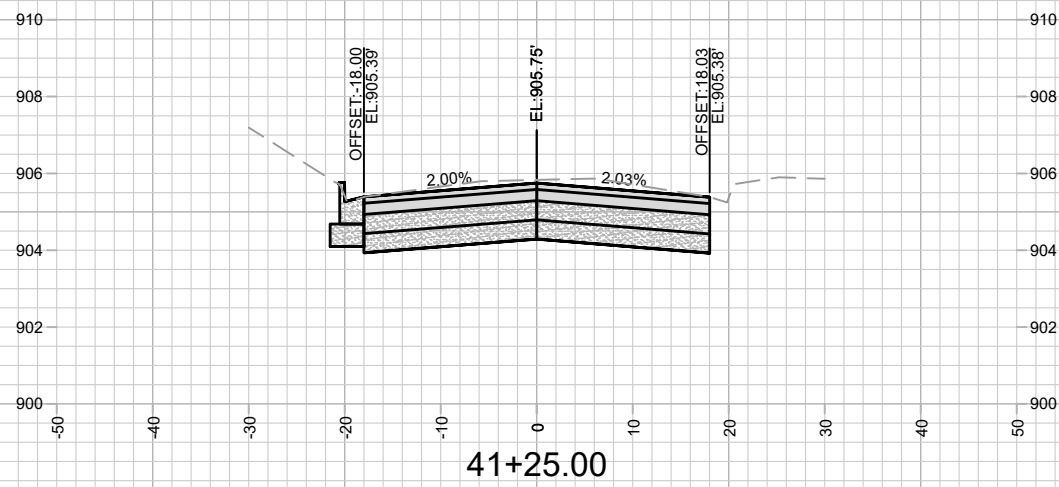
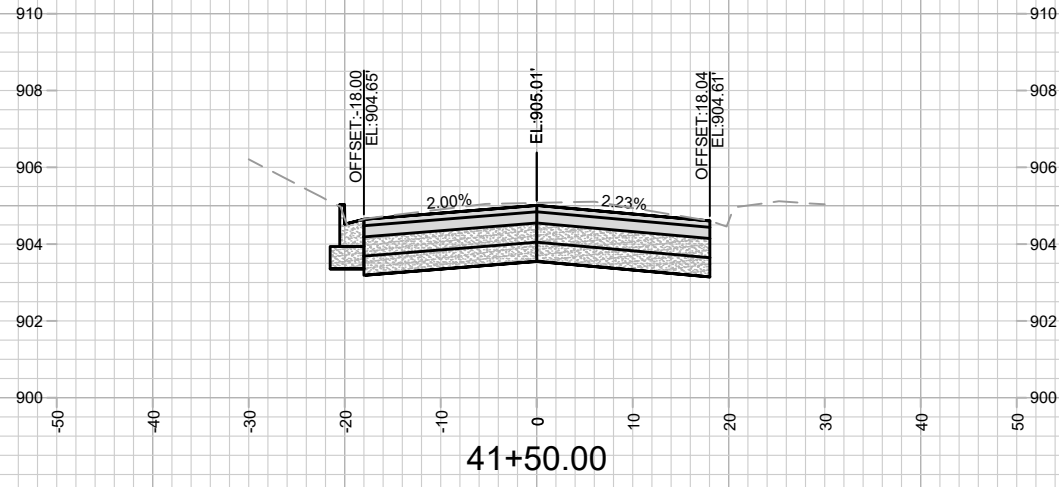
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13175  
 MADISON, WI  
 8568  
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 CROSS SECTIONS - OLD MIDDLETON ROAD  
 OLD MIDDLETON RD & CRAIG AVE RESURFACING  
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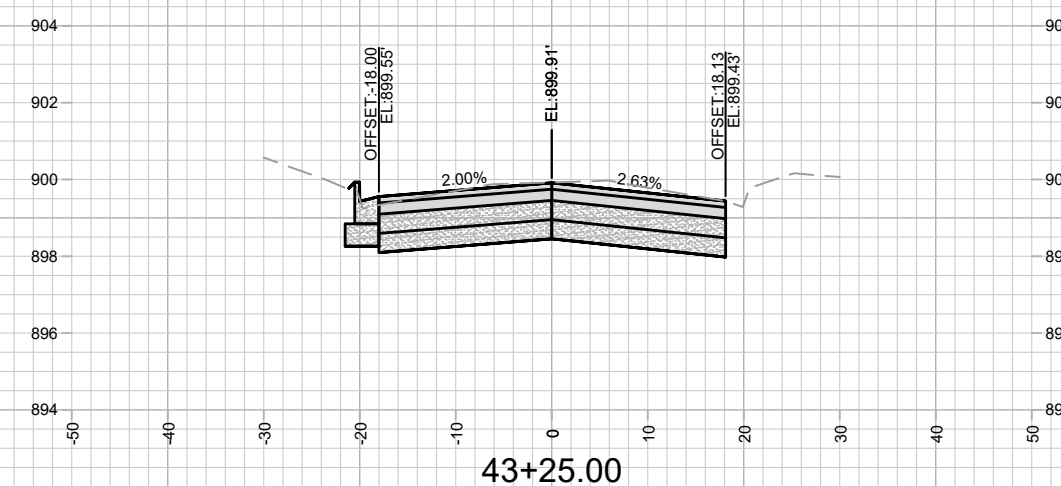
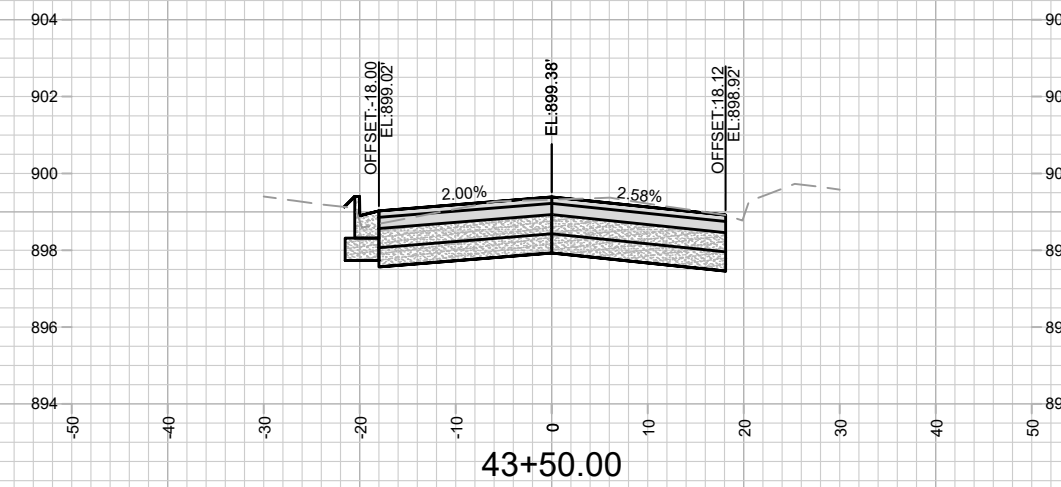
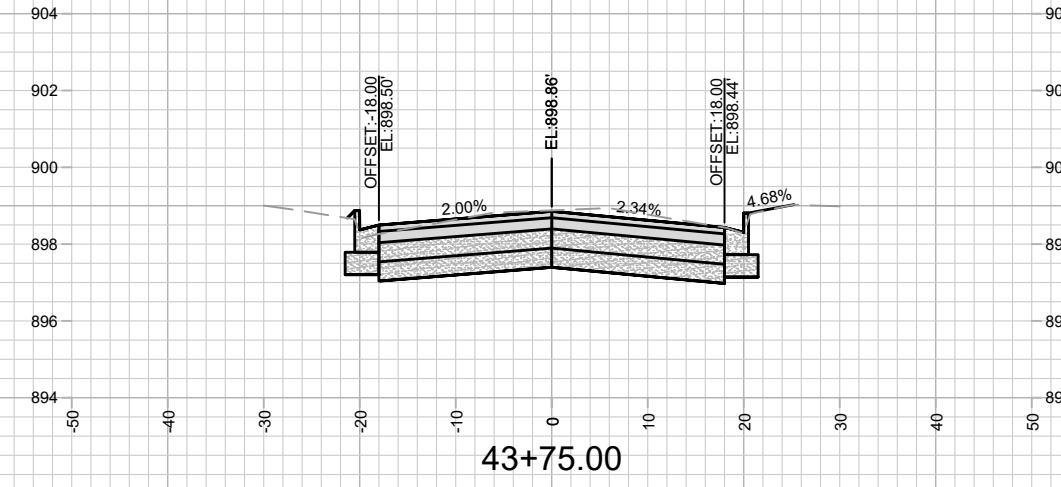
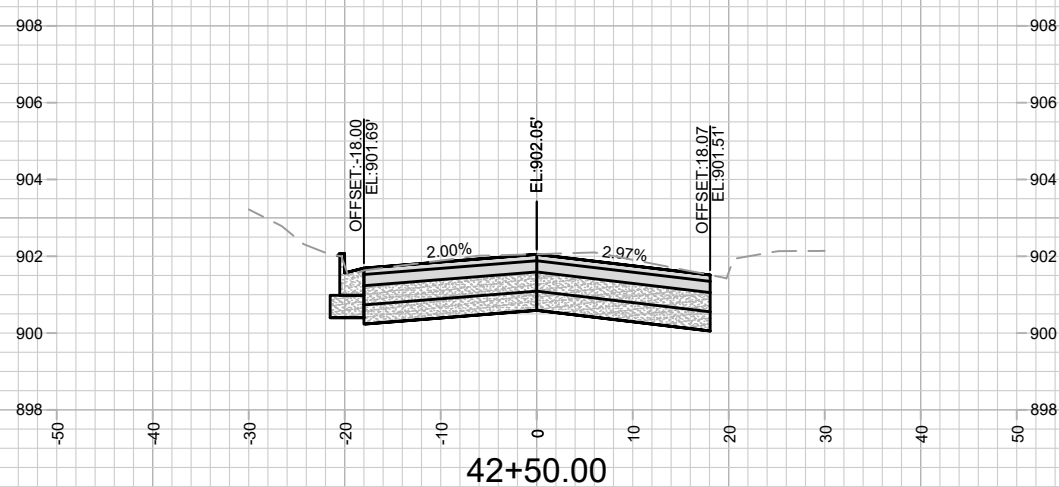
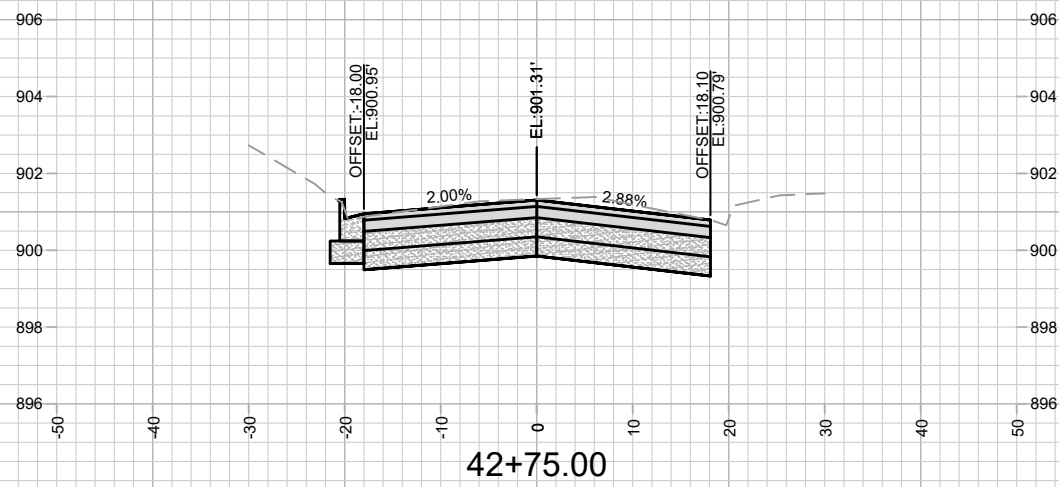
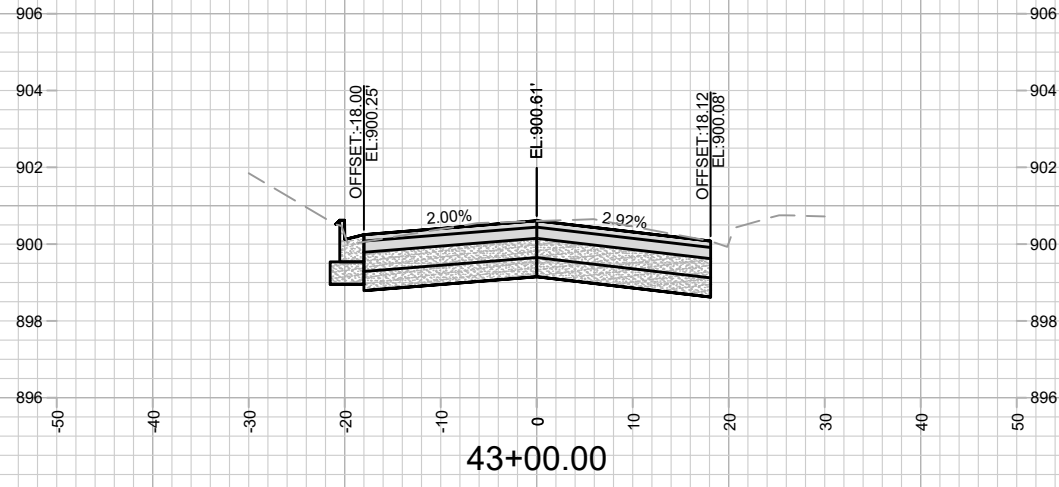


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 MADISON, WI  
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 OLD MIDDLETON RD & CRAIG AVE RESURFACING  
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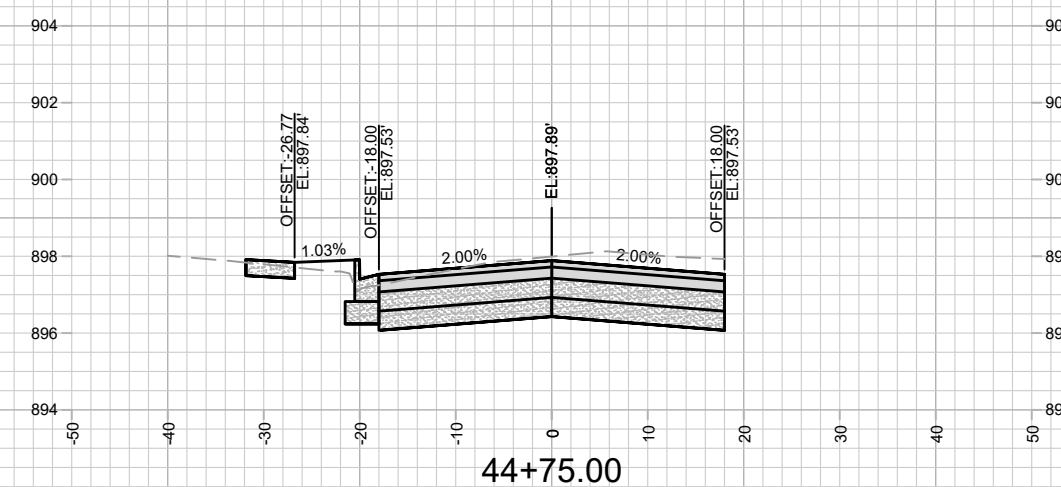
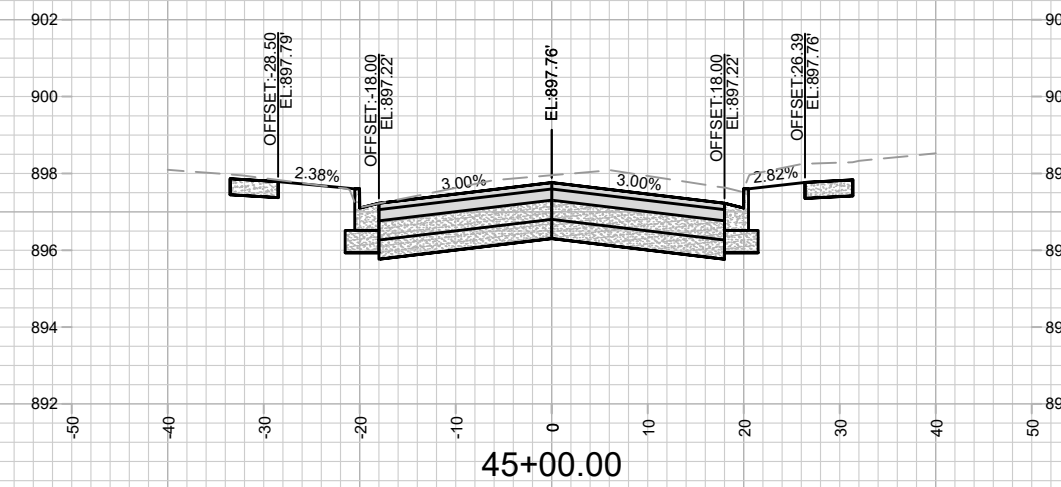
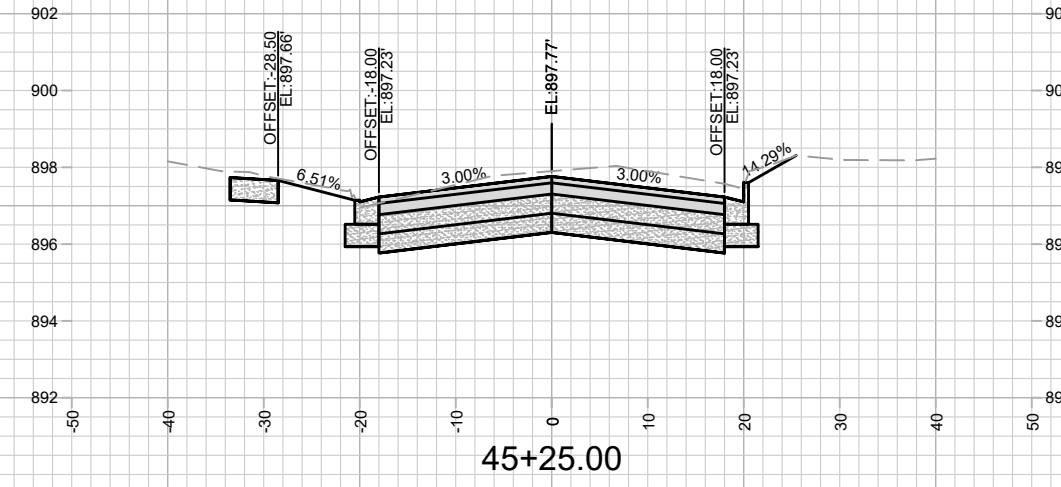
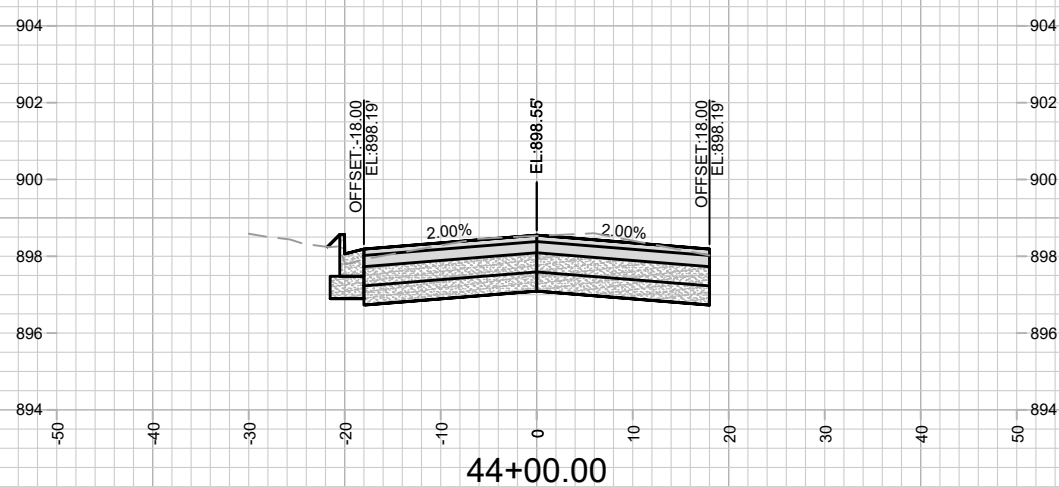
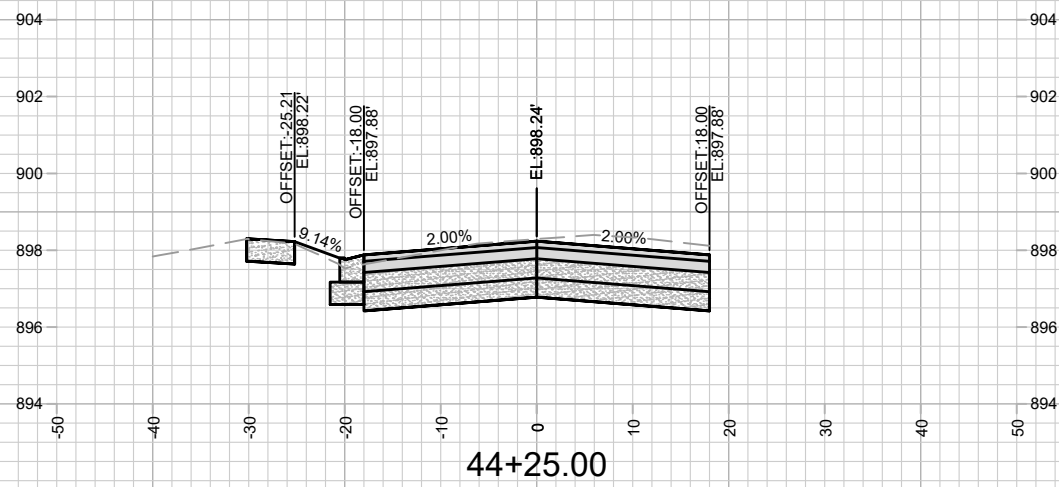
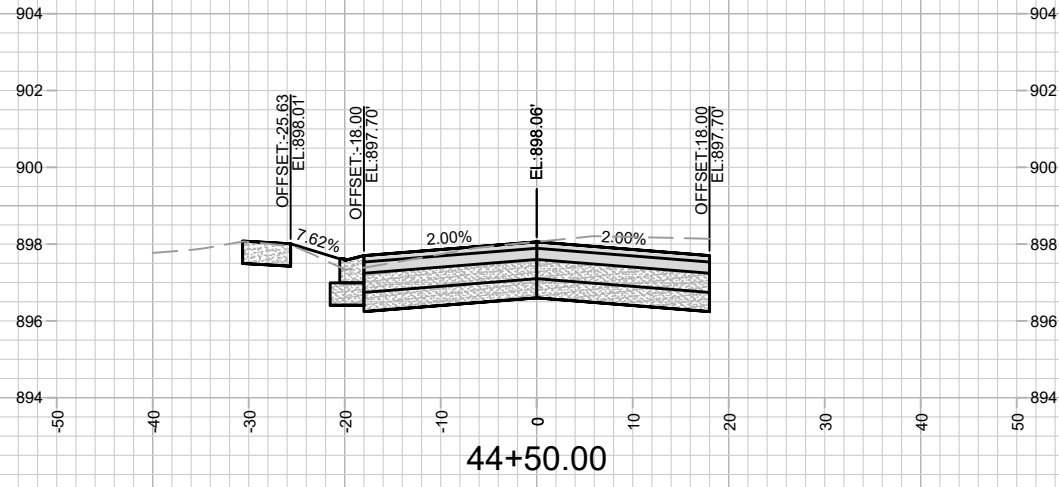


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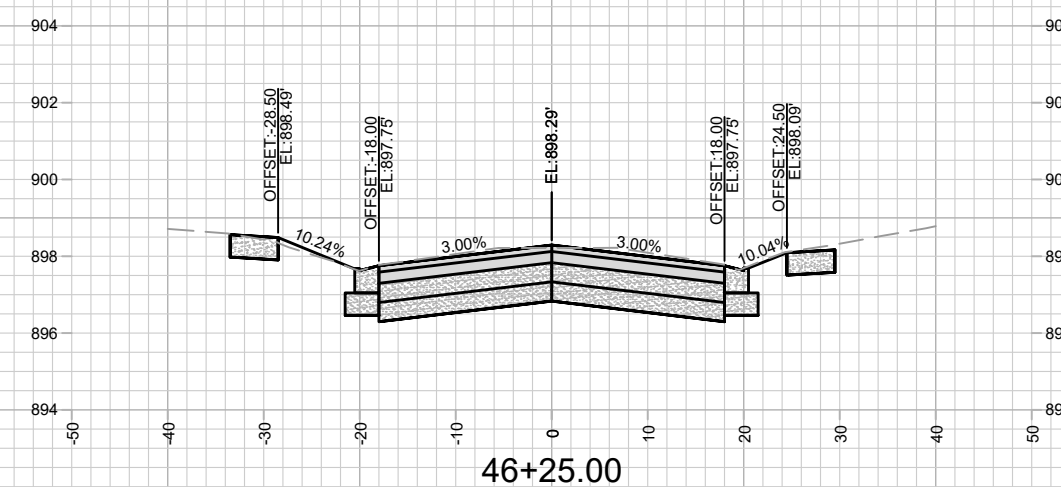
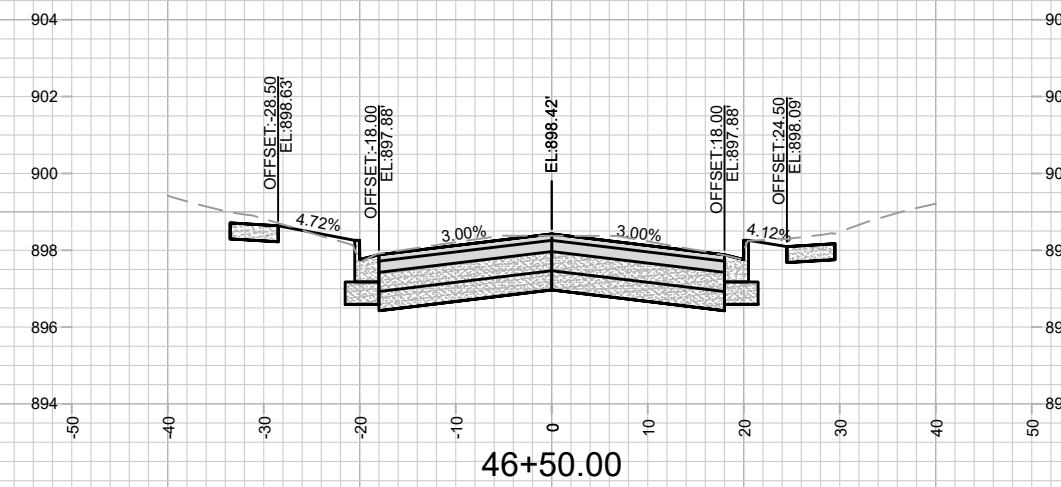
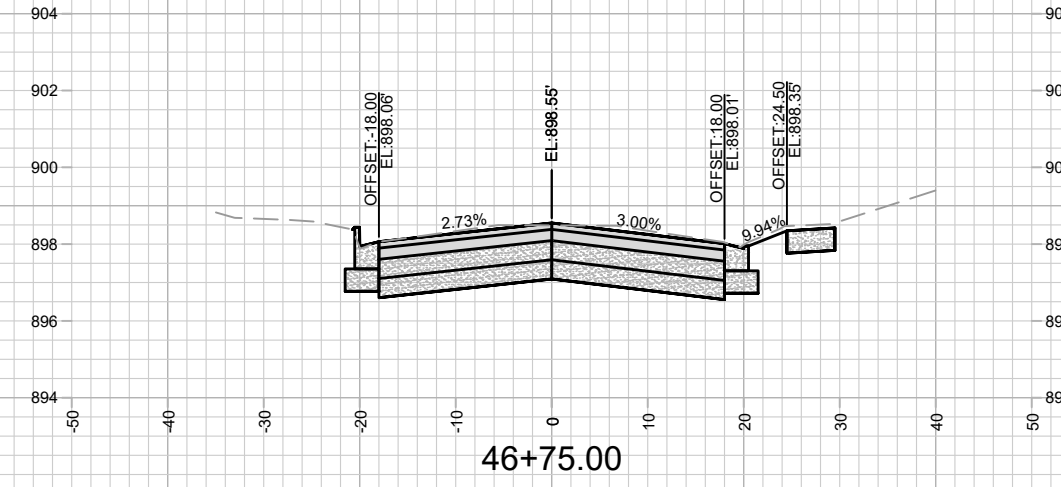
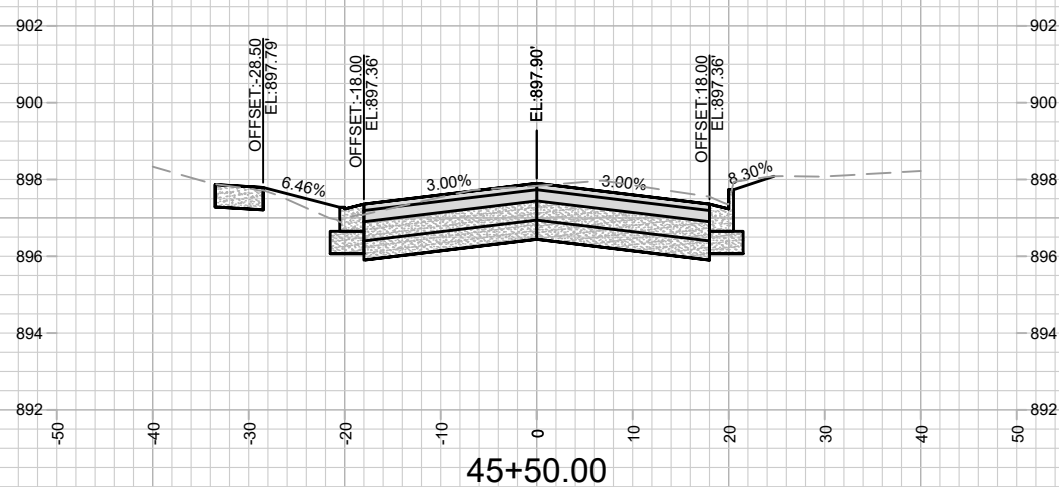
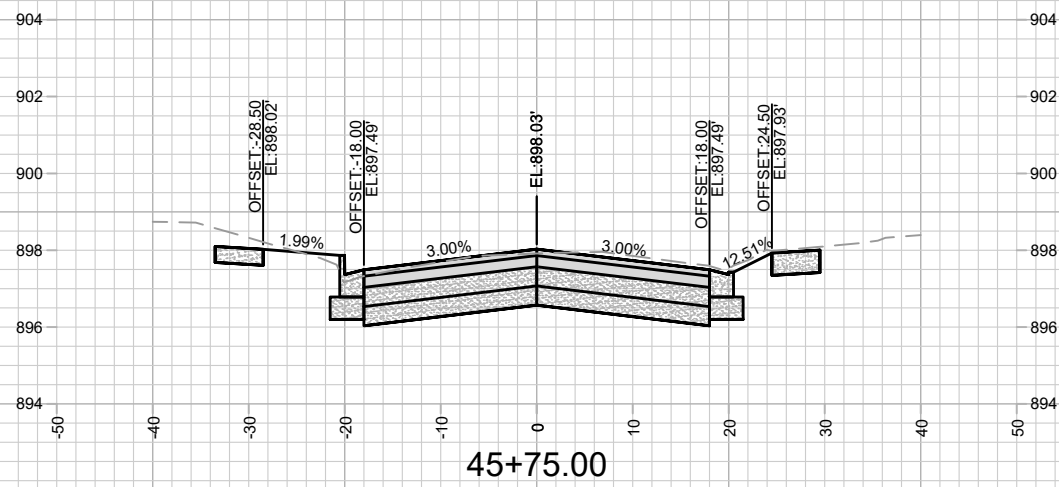
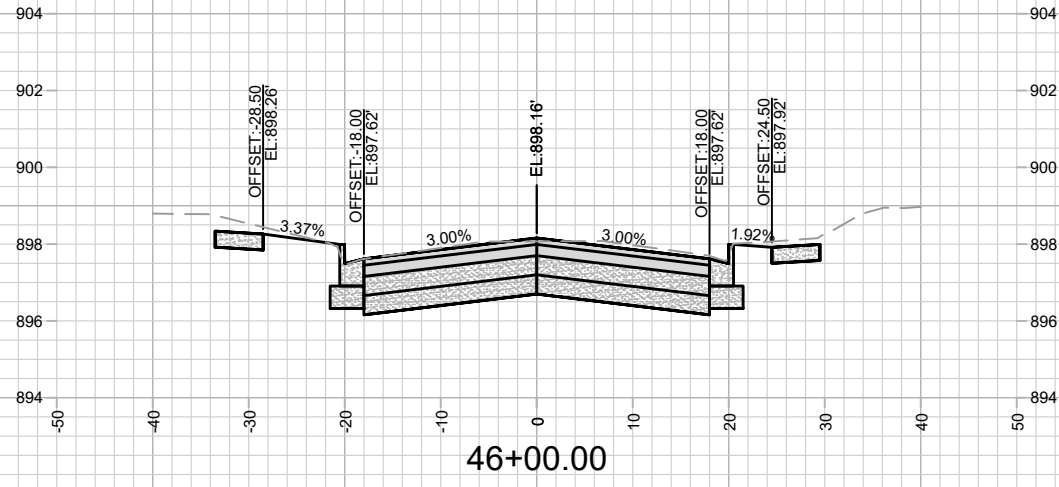


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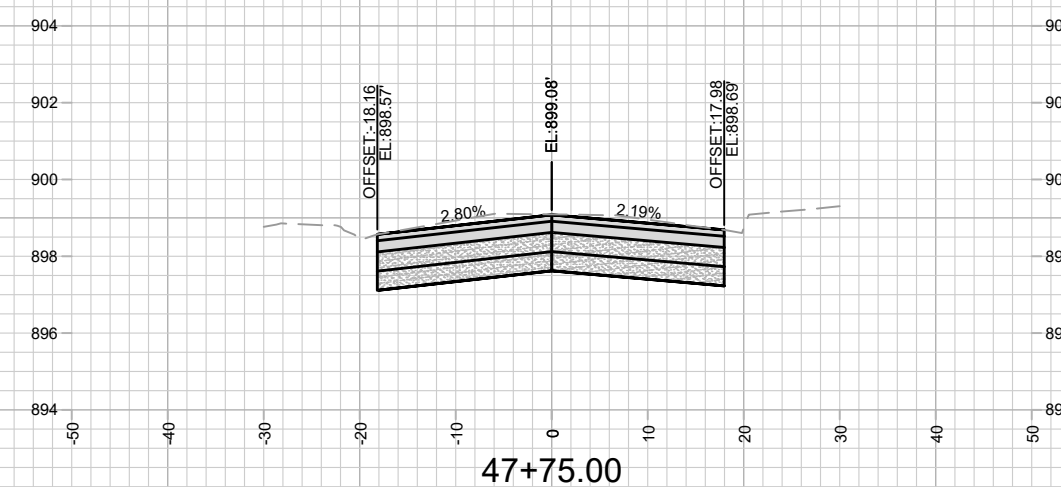
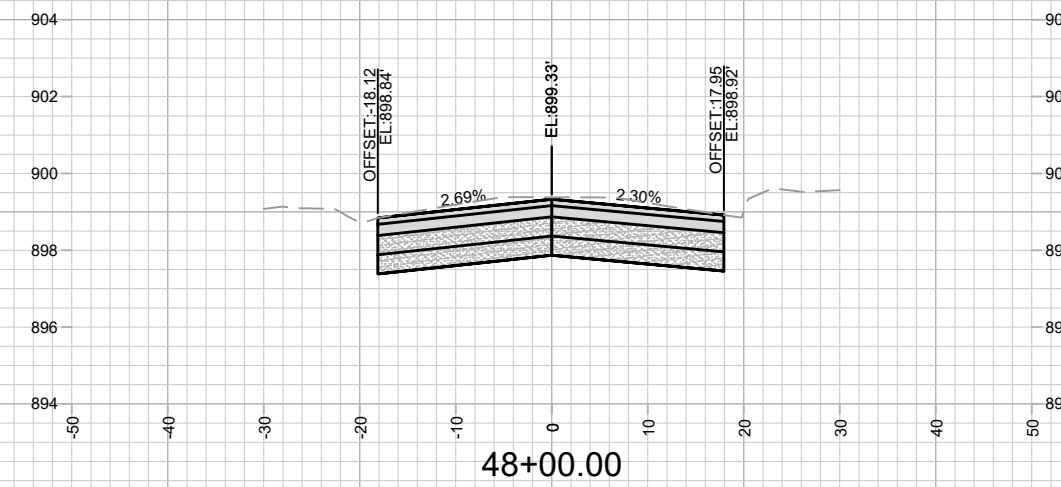
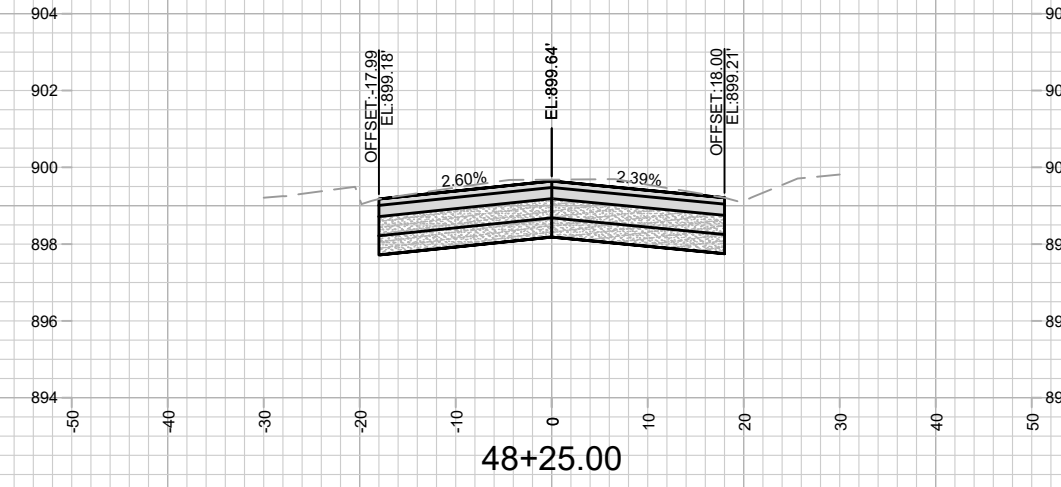
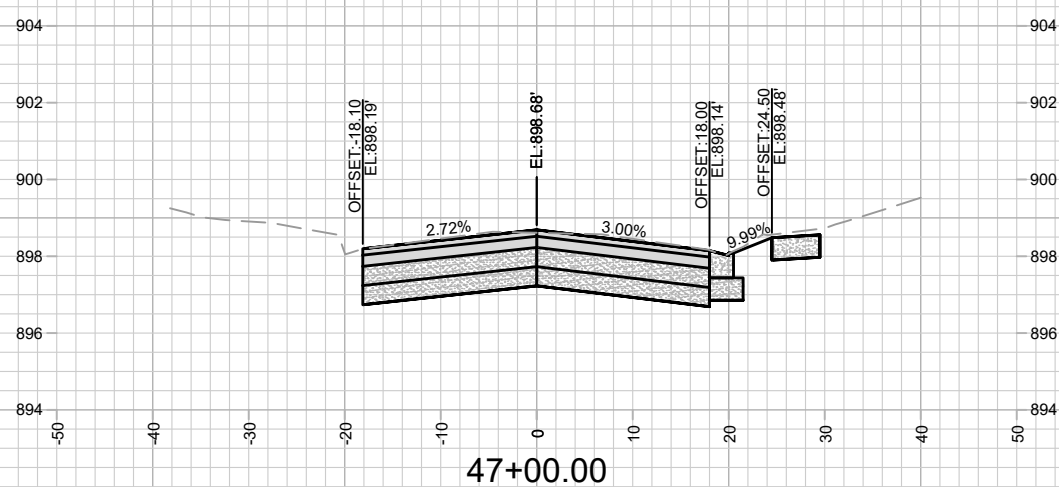
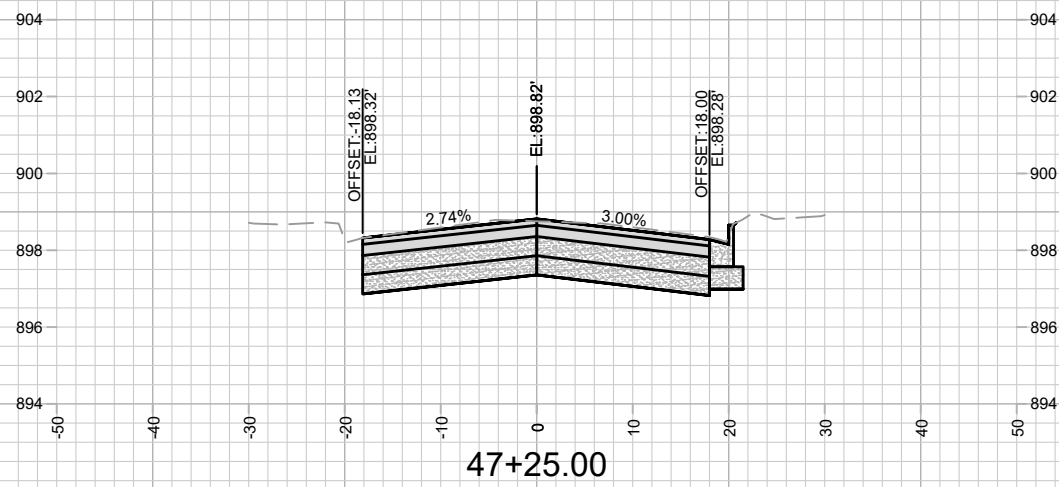
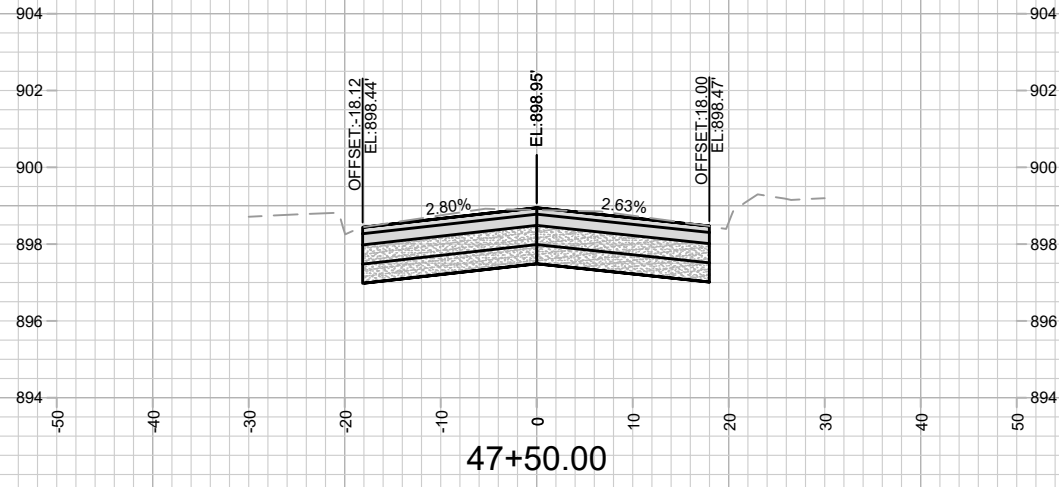


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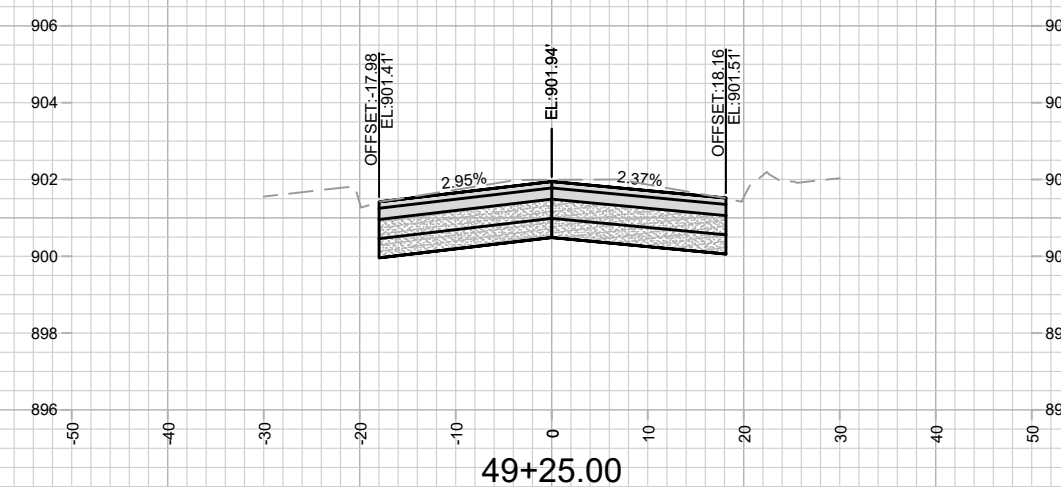
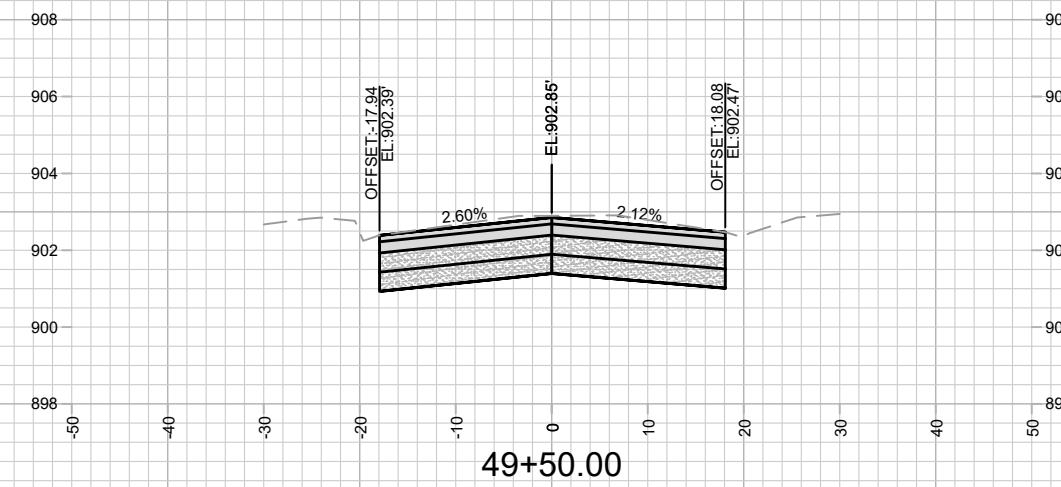
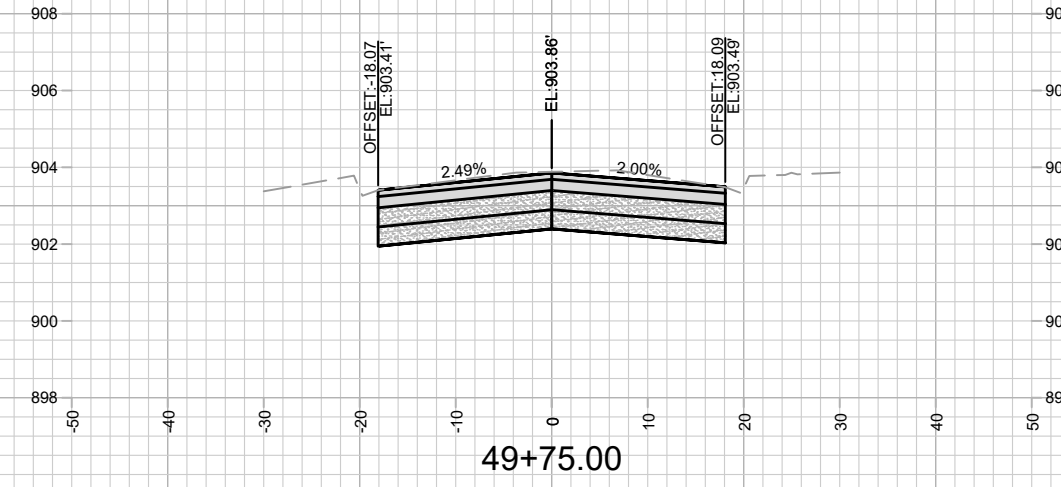
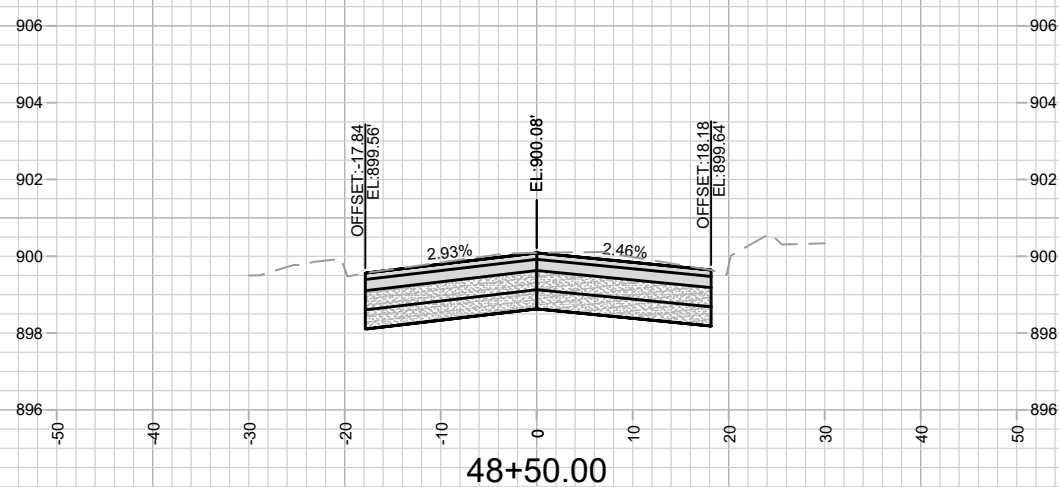
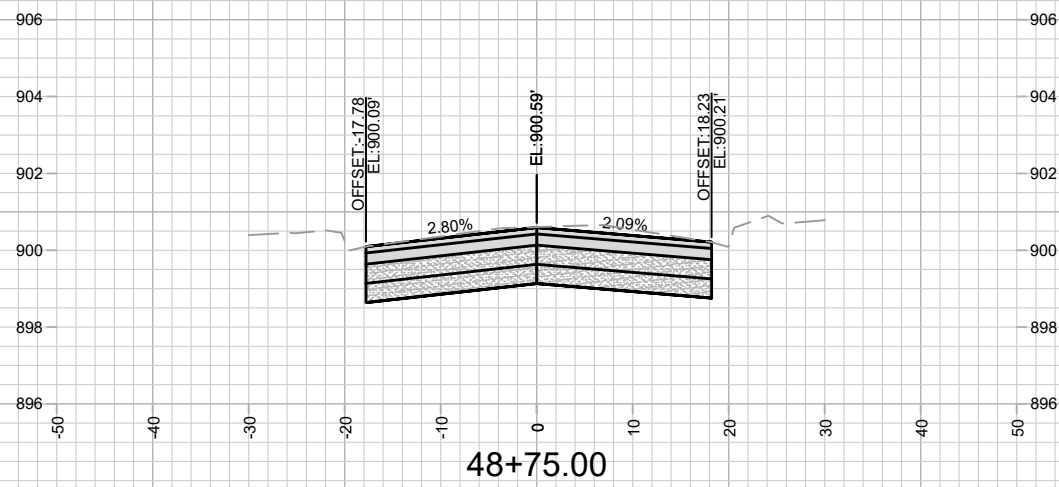
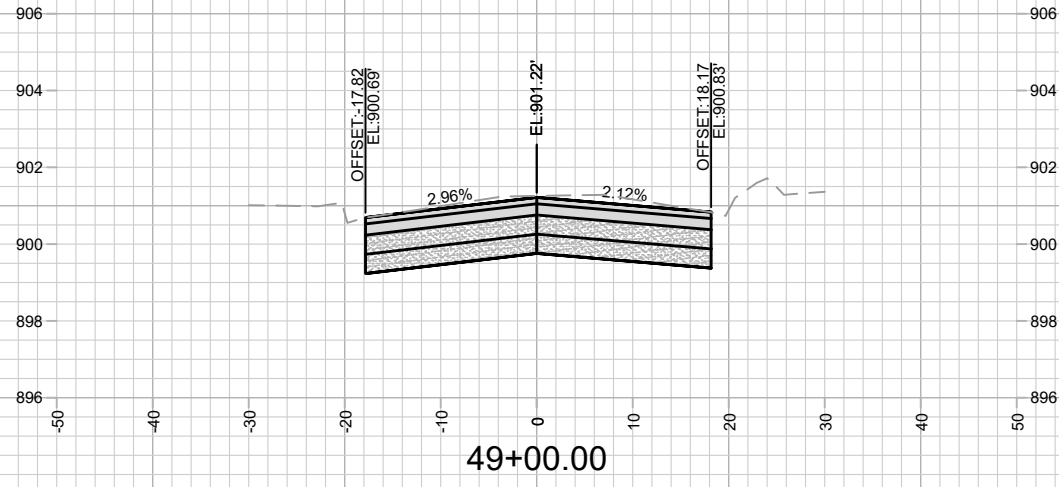
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13175	2/15/2022 11:05 PM	13175	X-30

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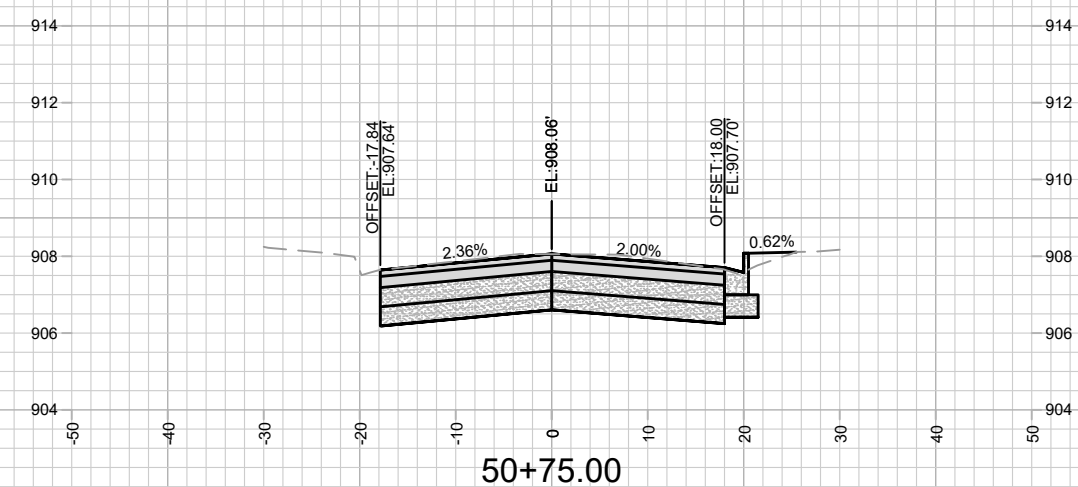
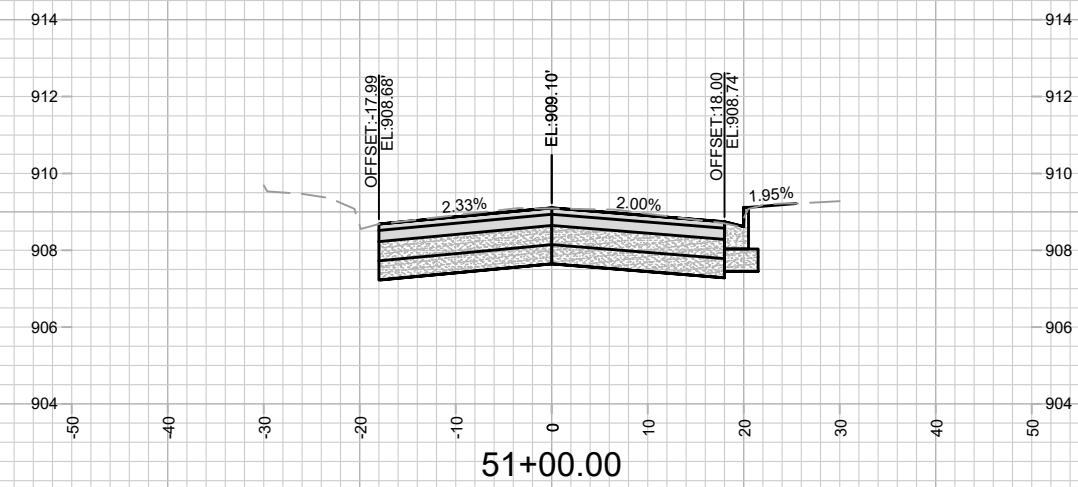
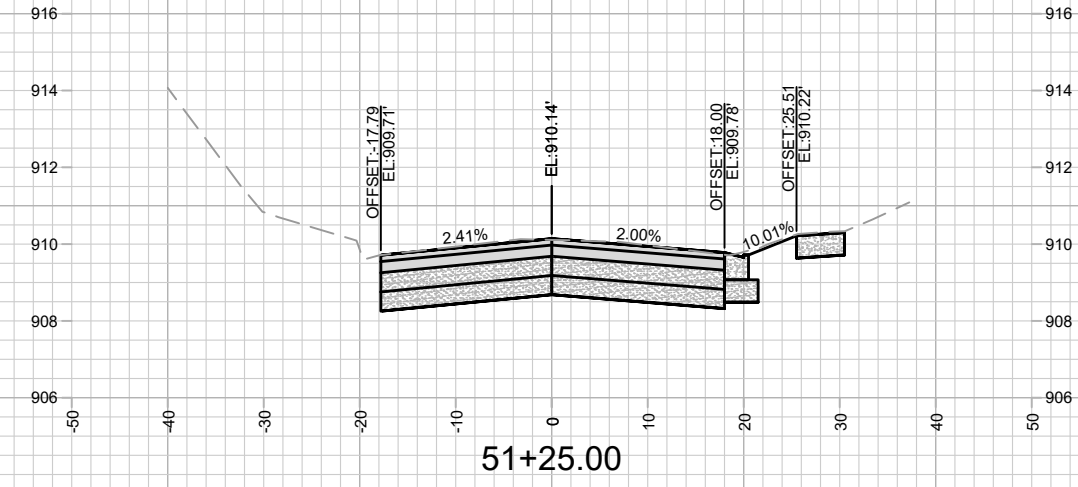
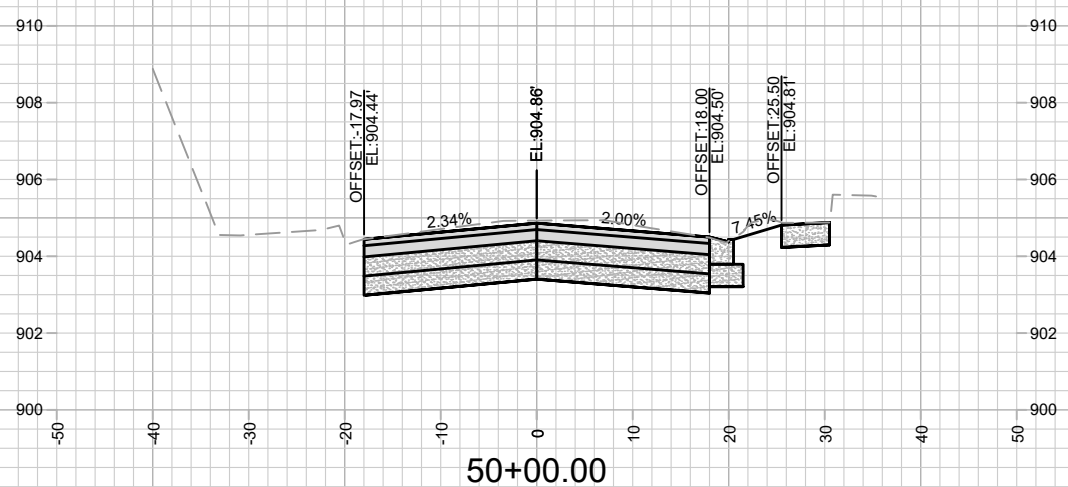
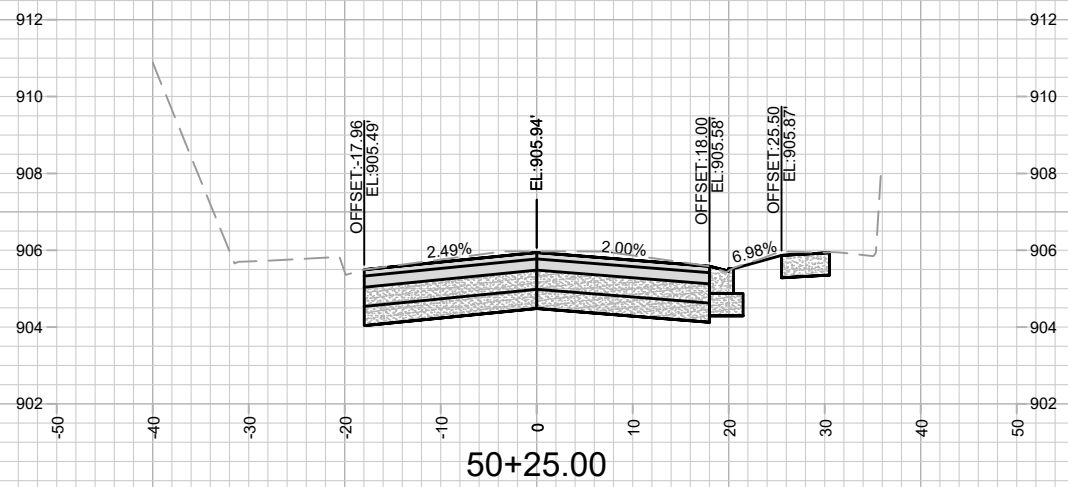
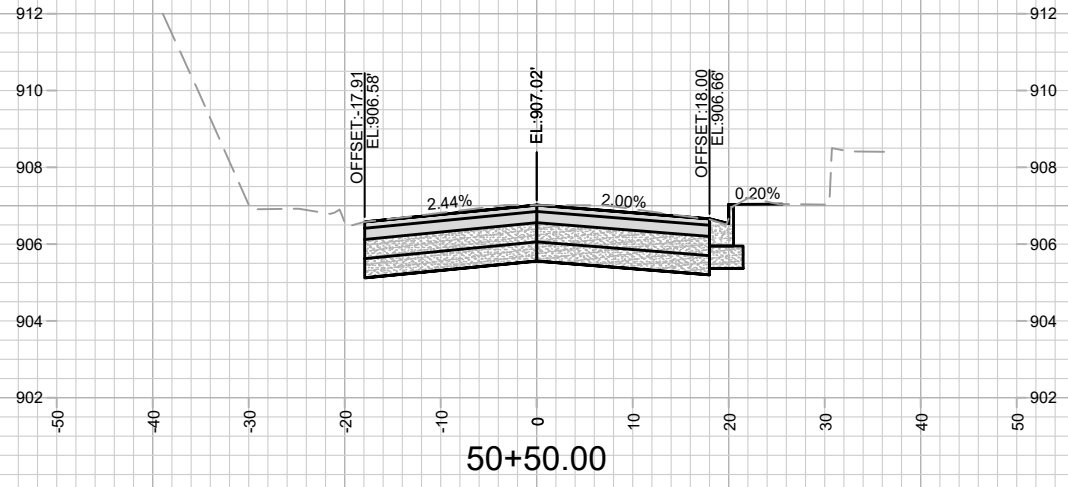


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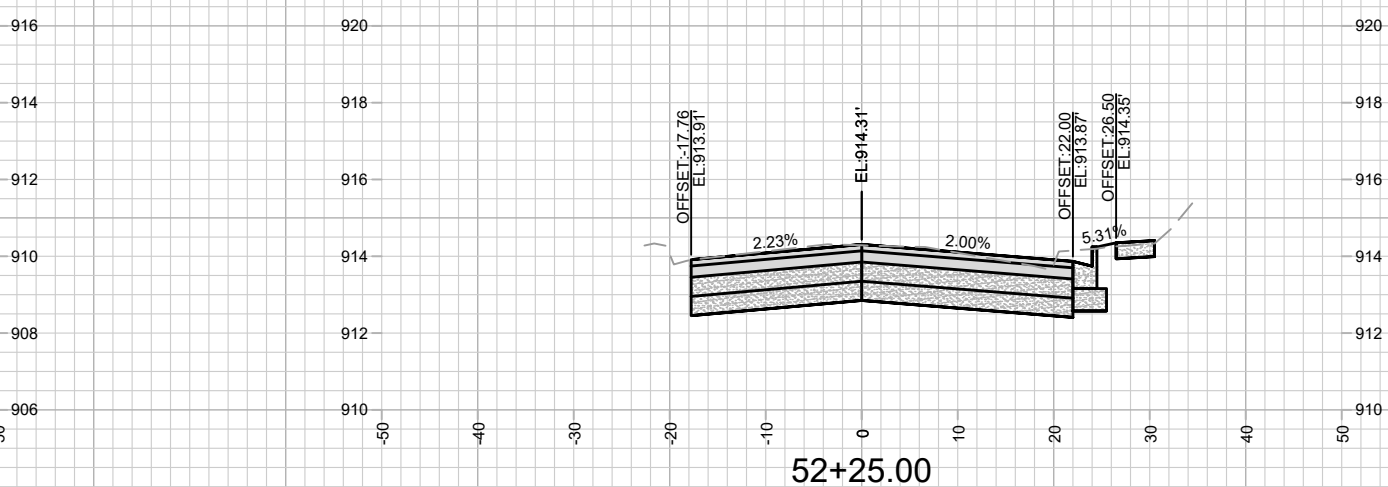
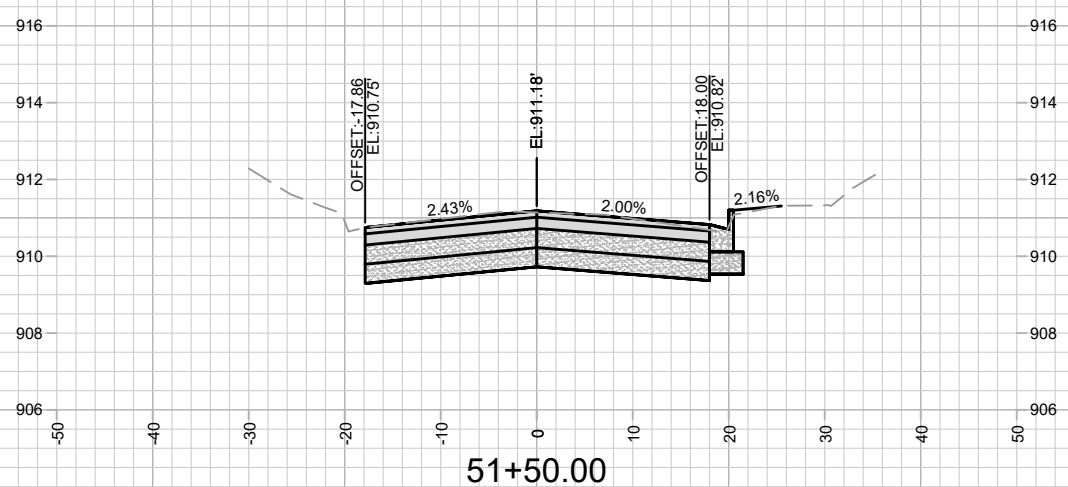
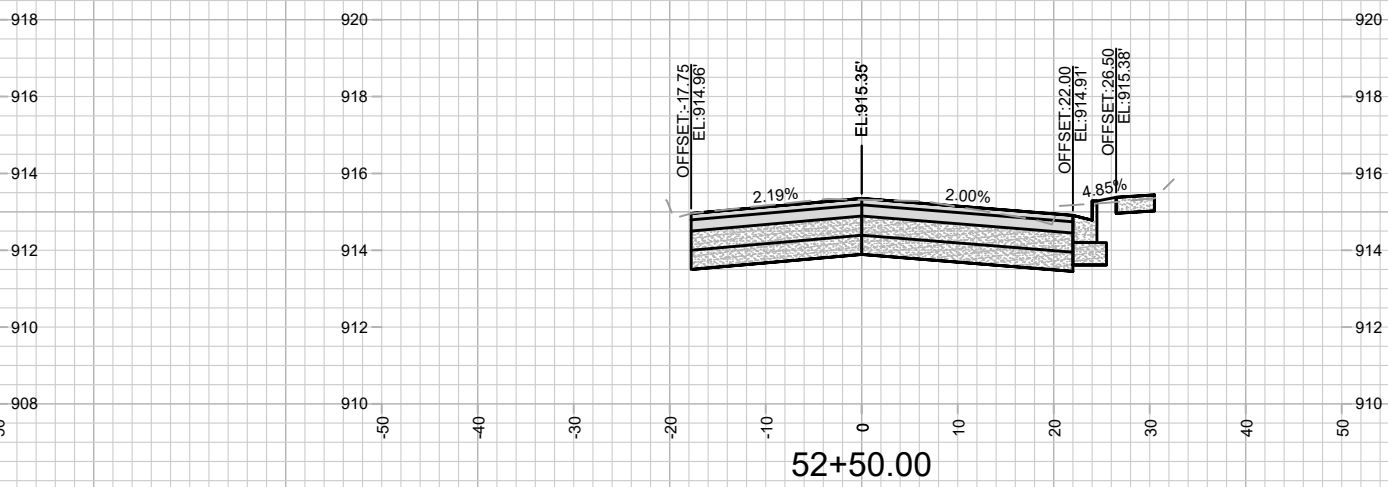
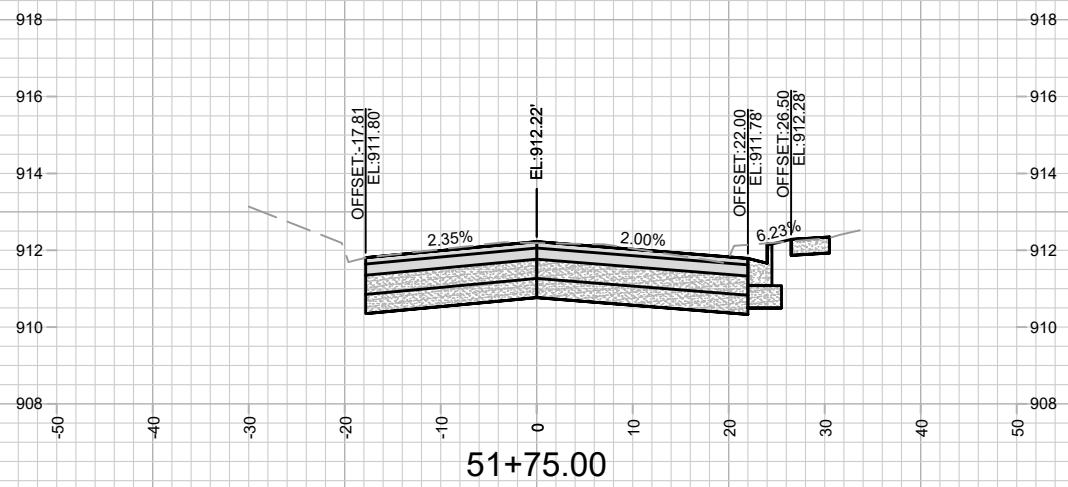
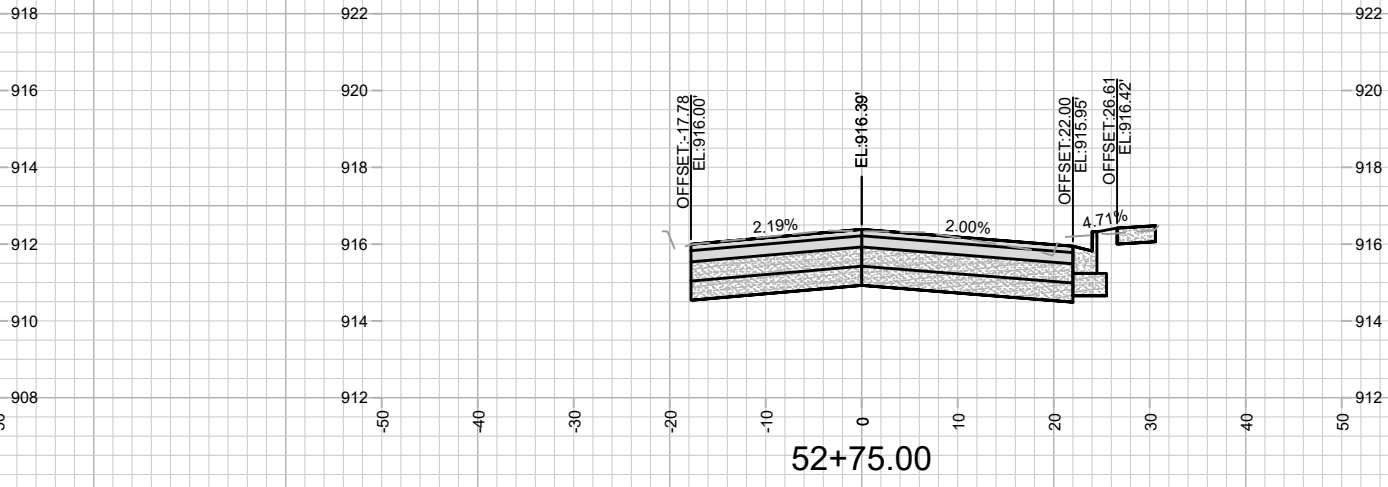
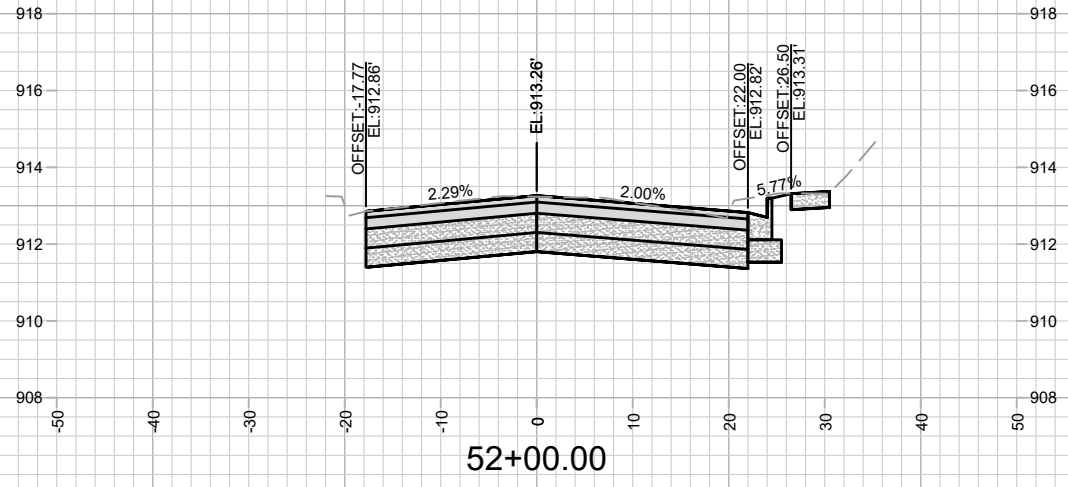
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8568  
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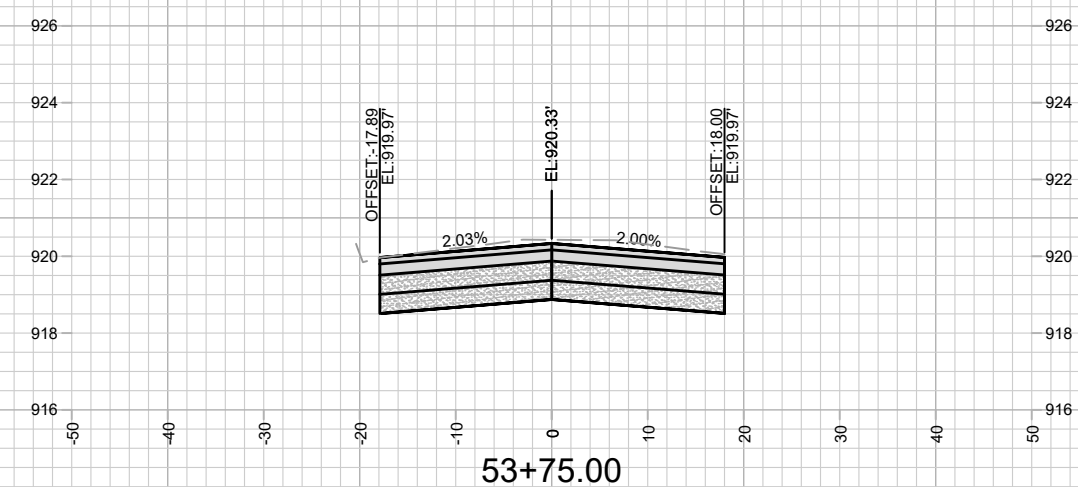
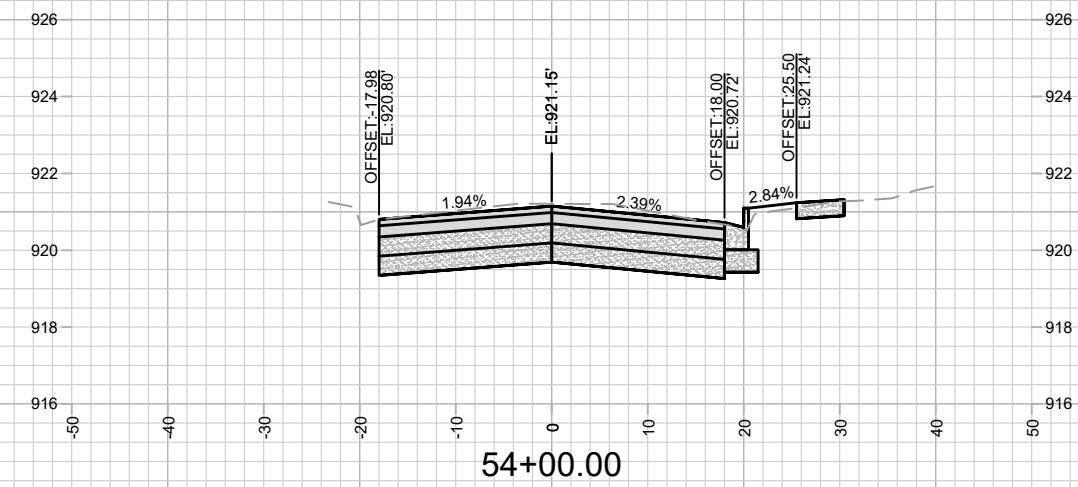
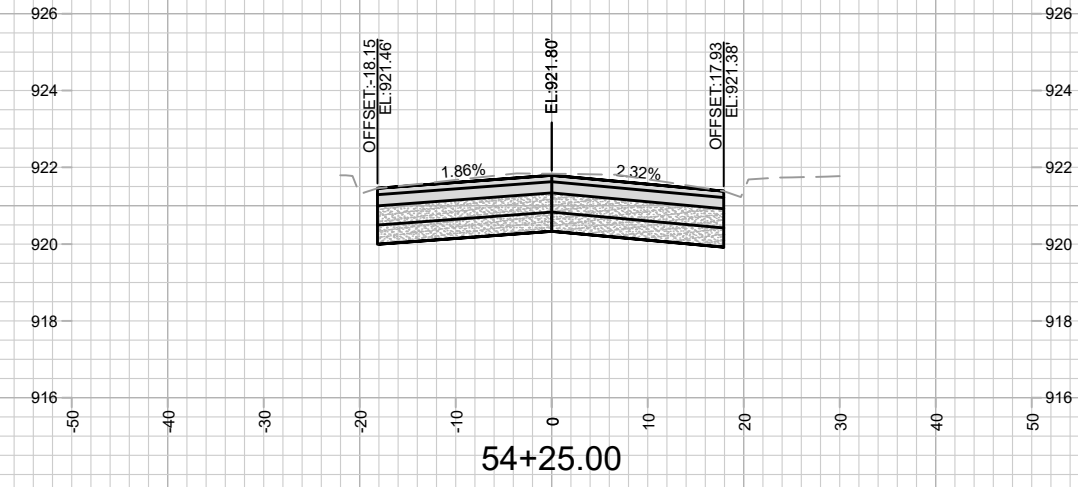
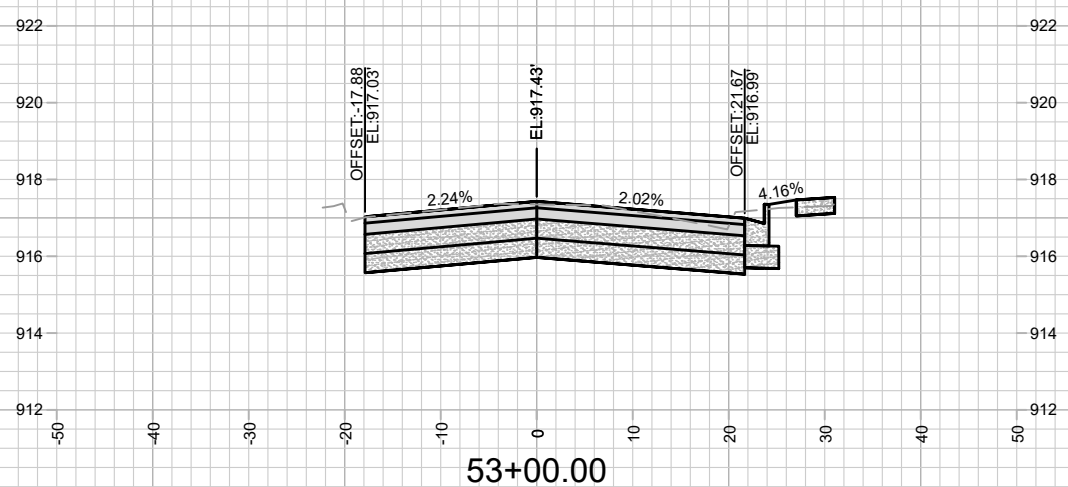
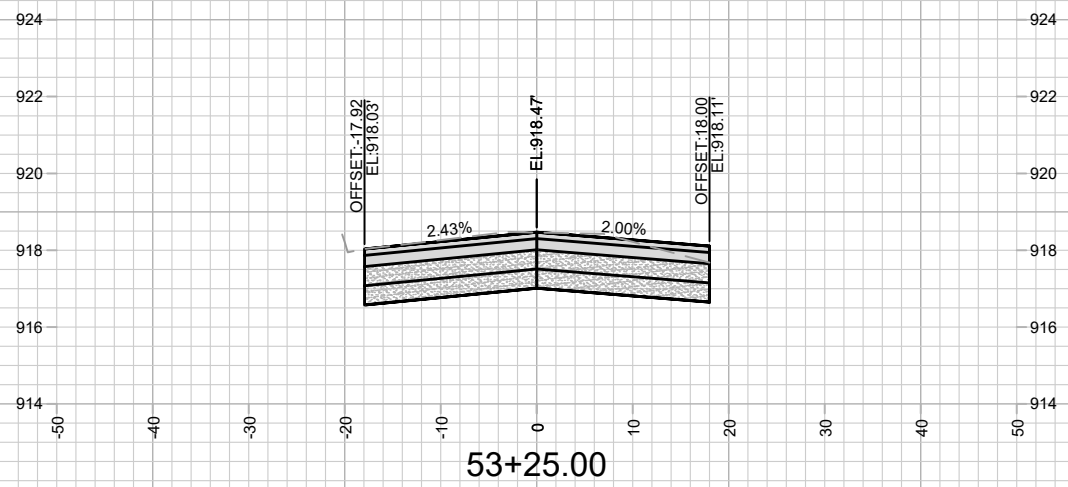
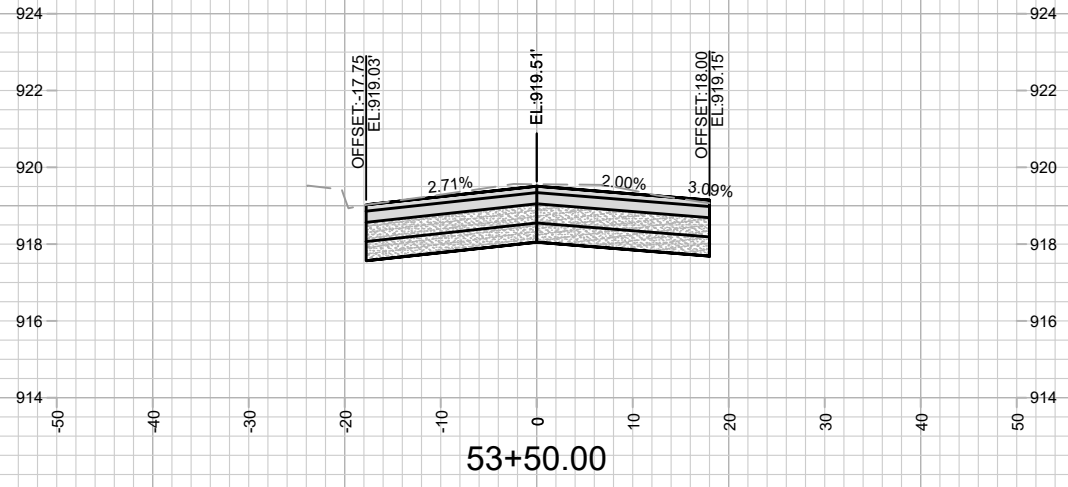


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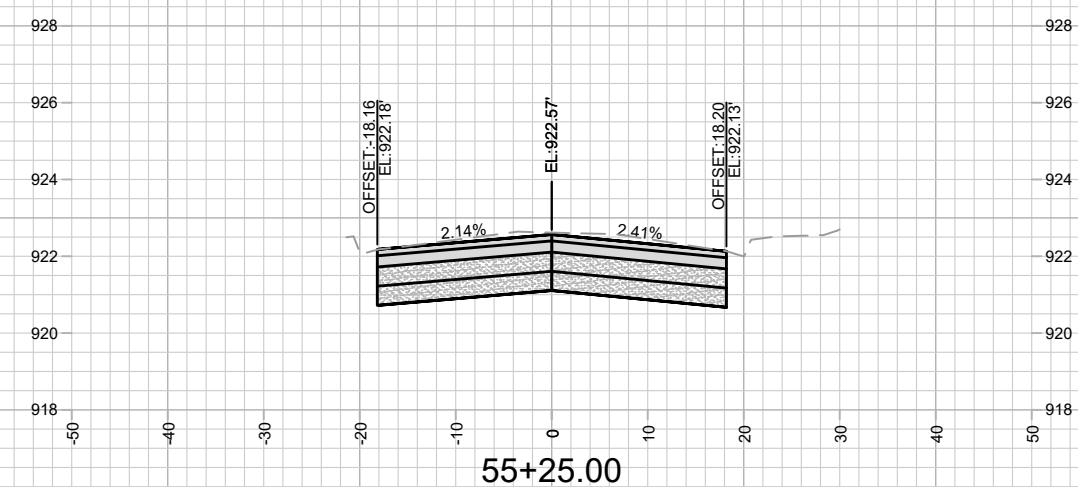
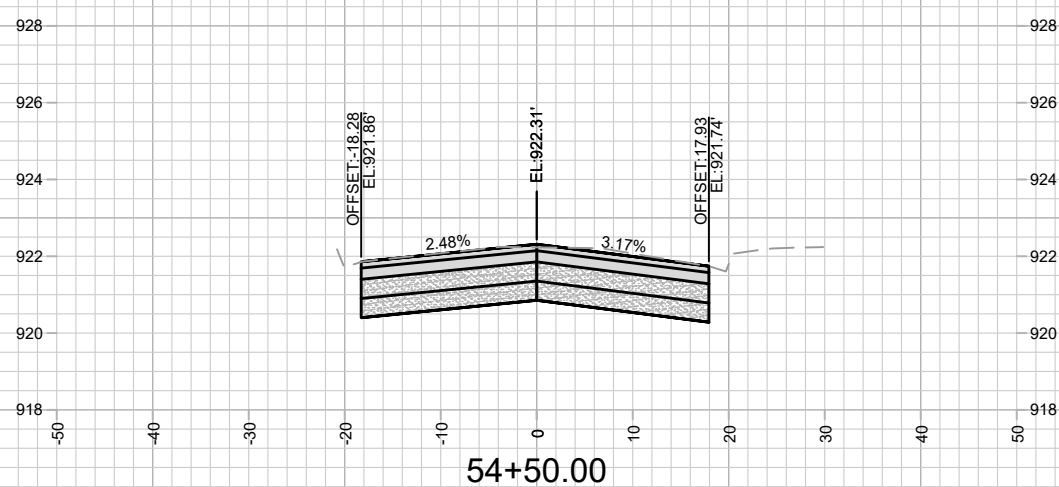
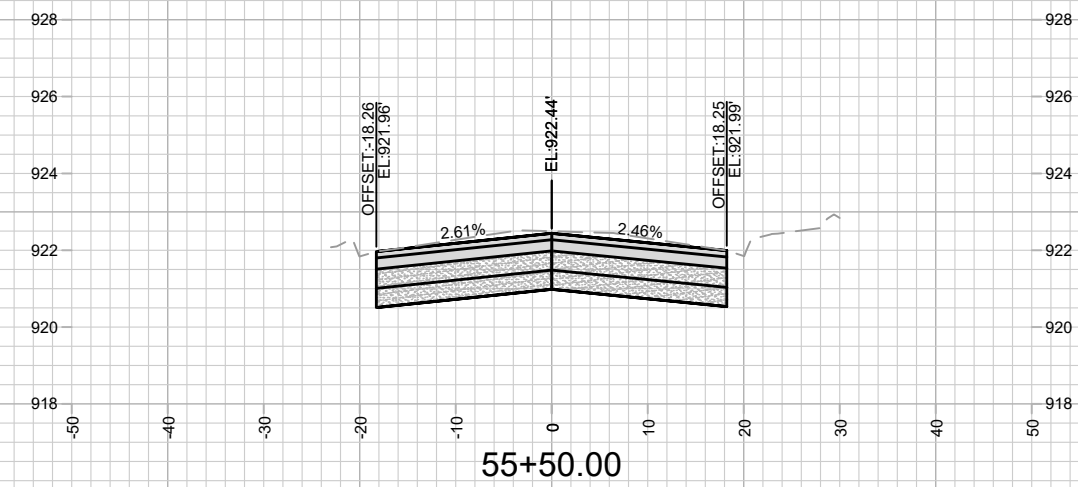
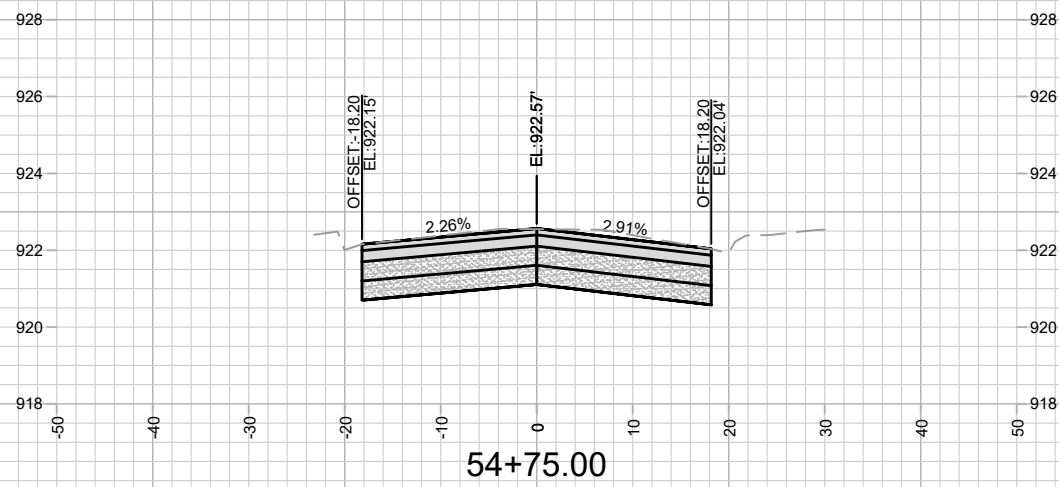
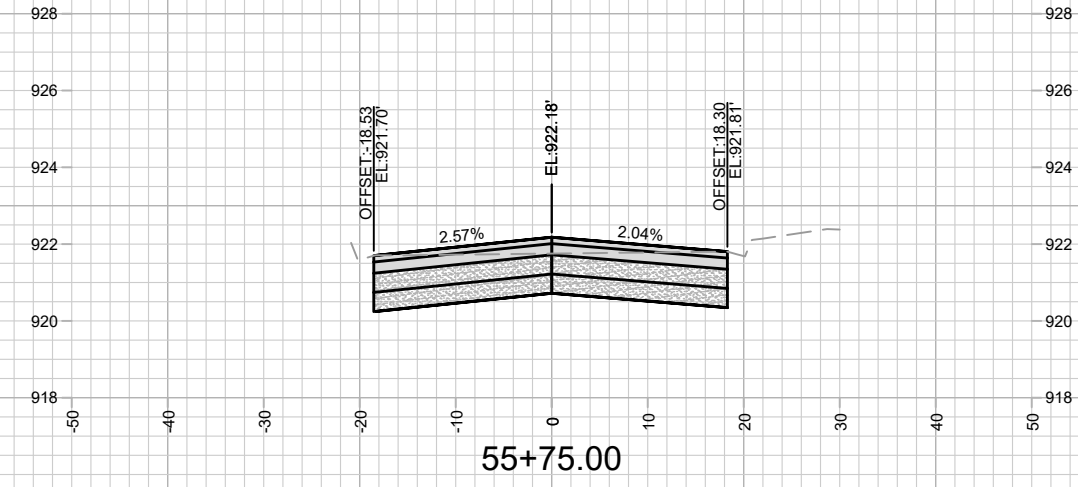
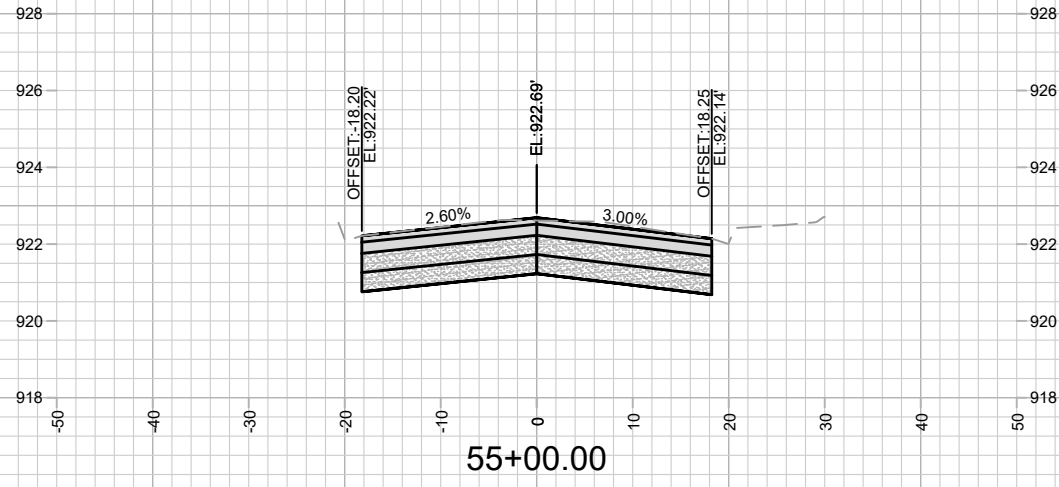


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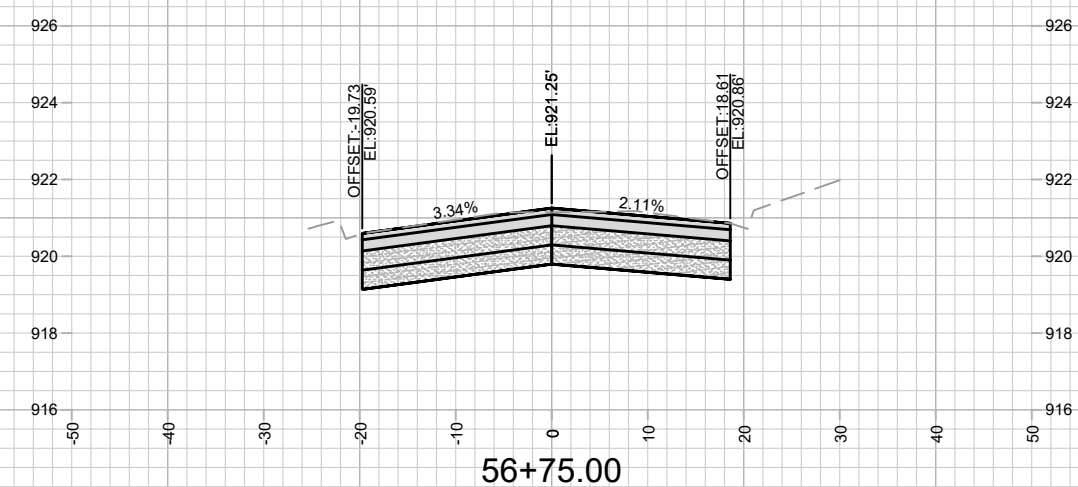
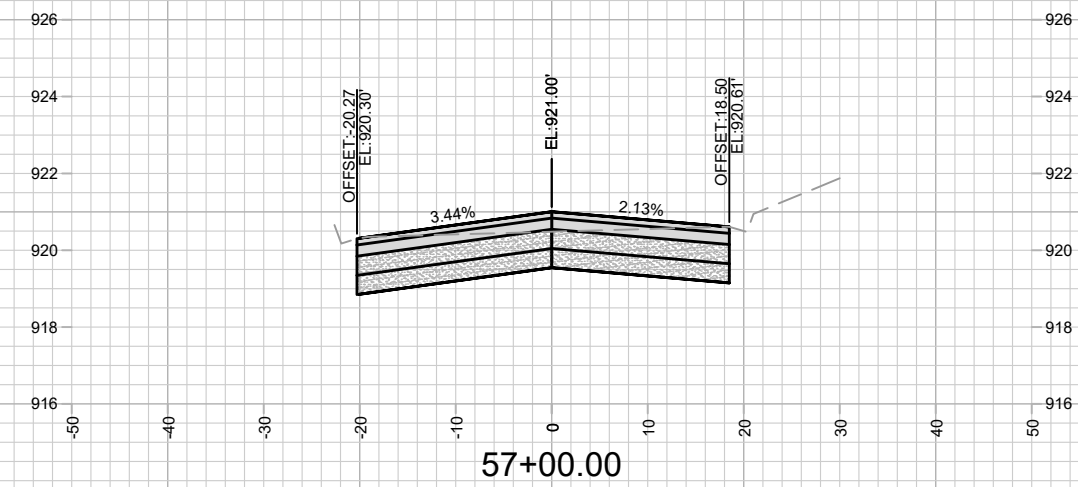
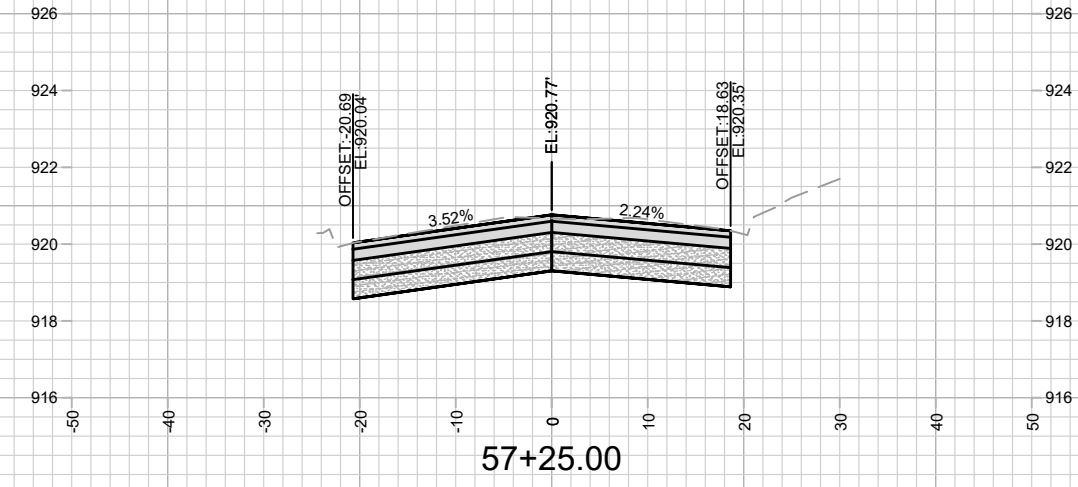
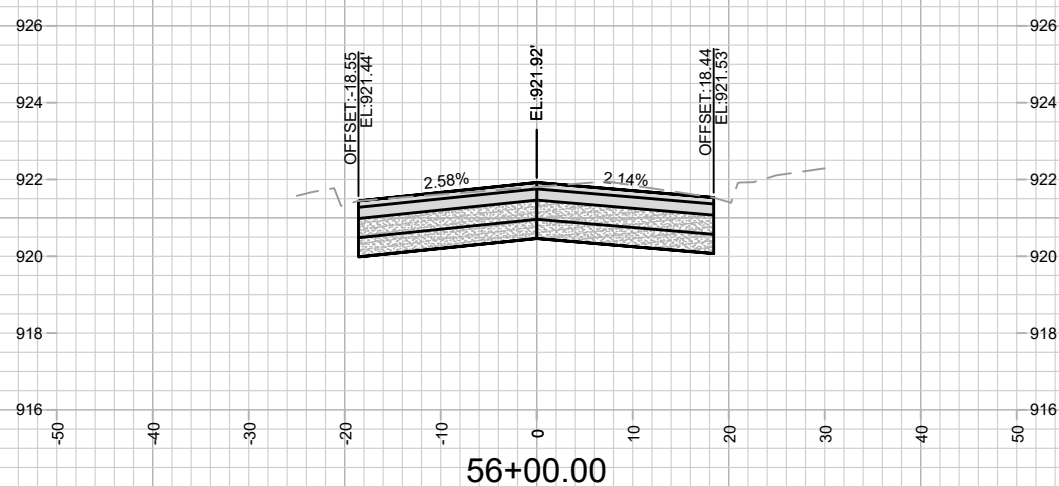
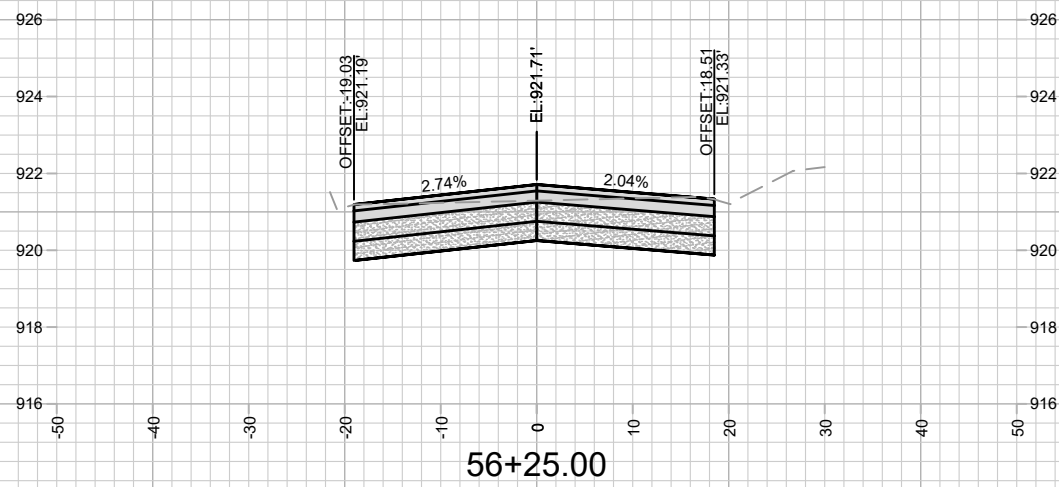
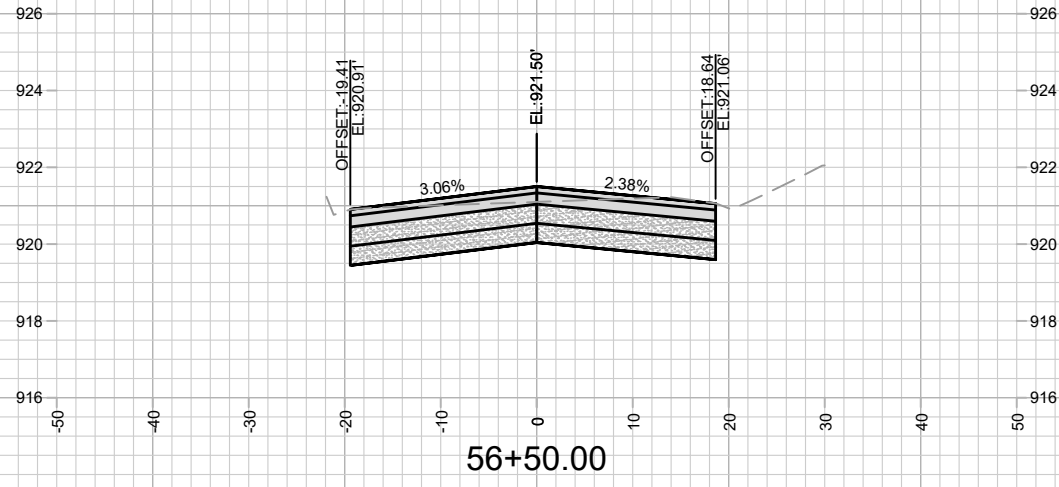
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 MADISON, WI  
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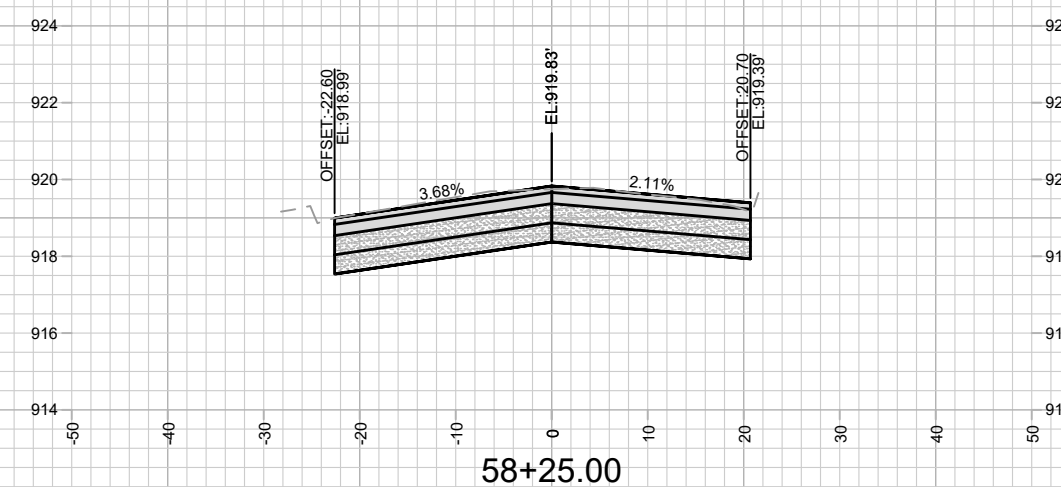
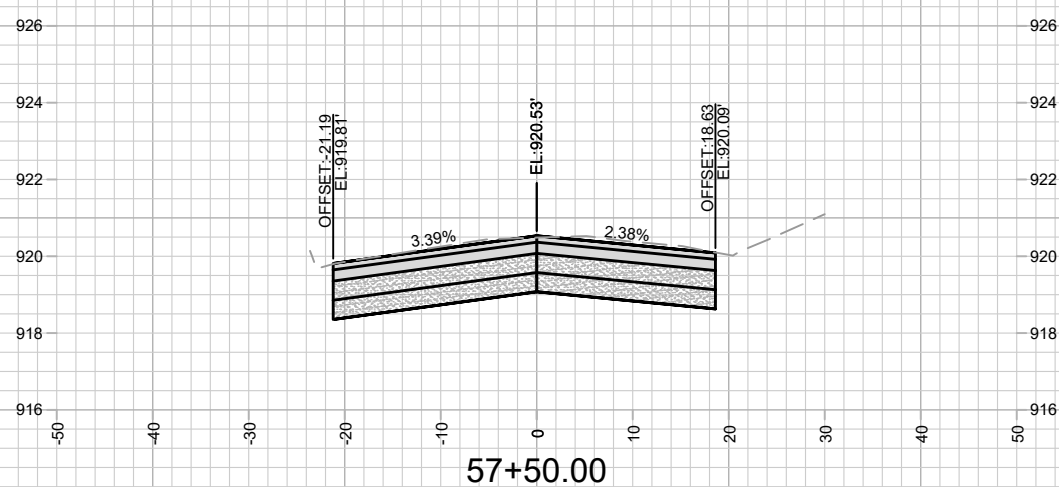
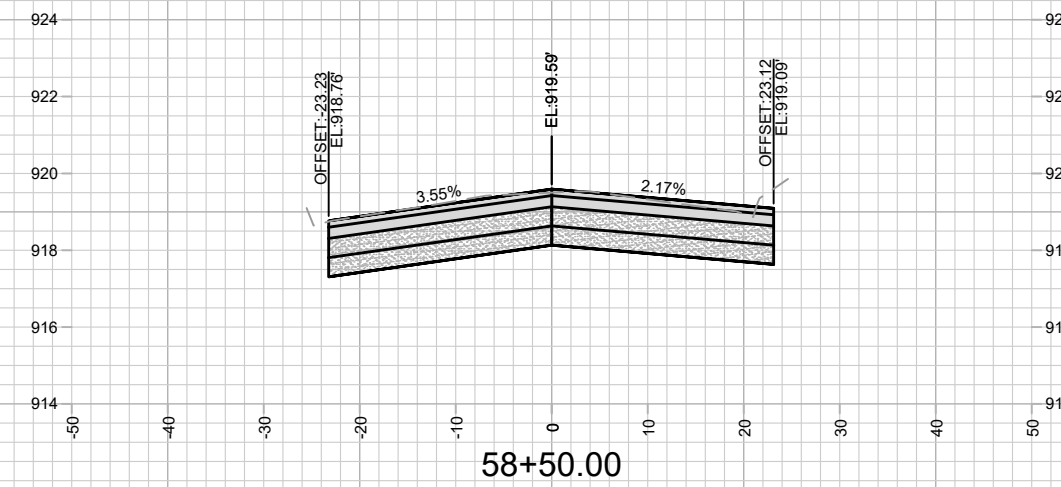
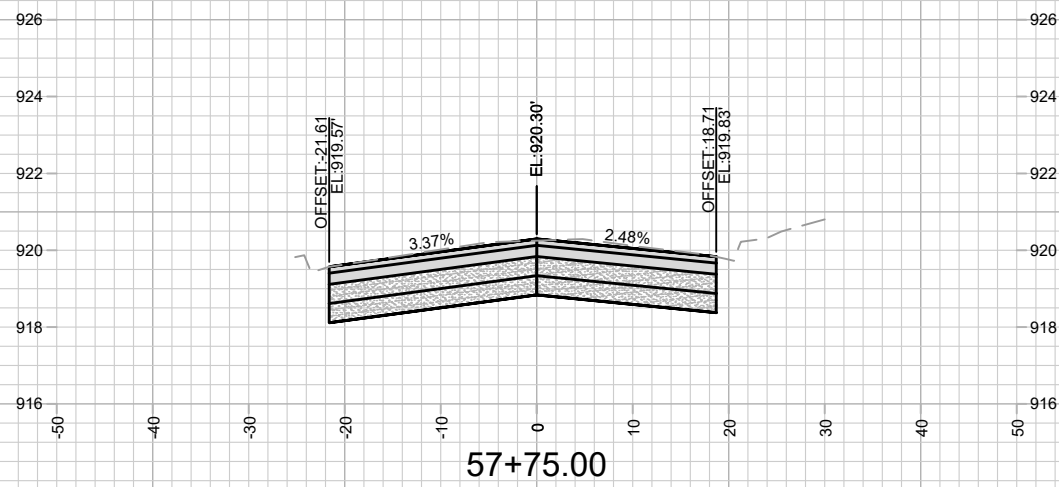
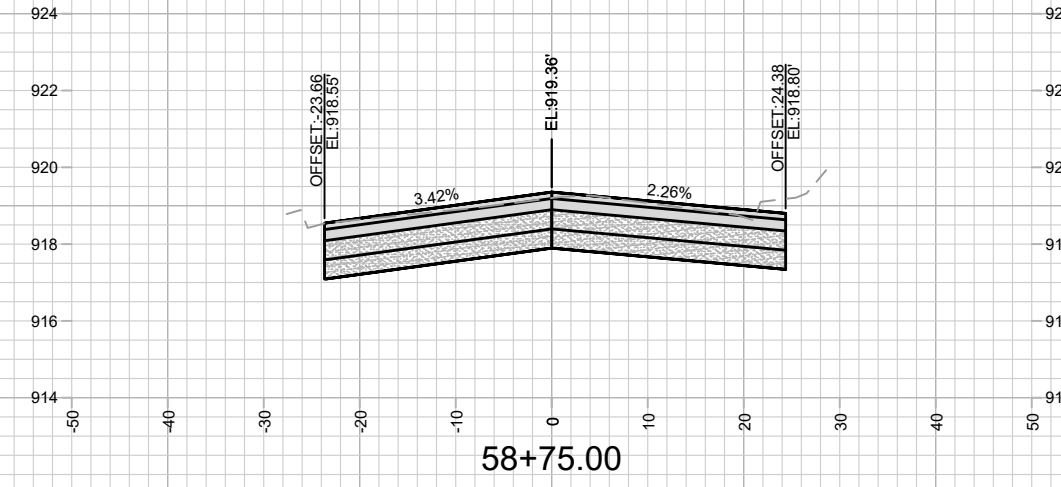
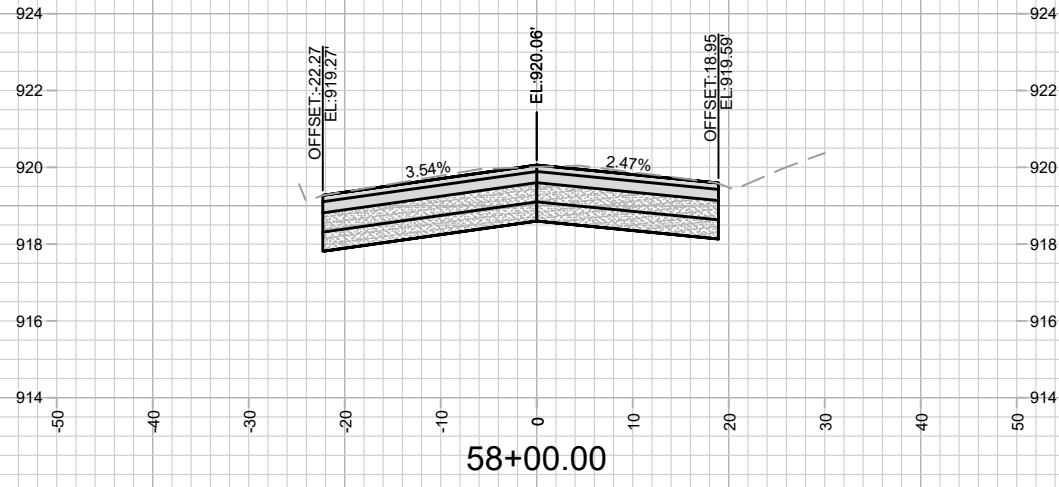


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13175			X-36

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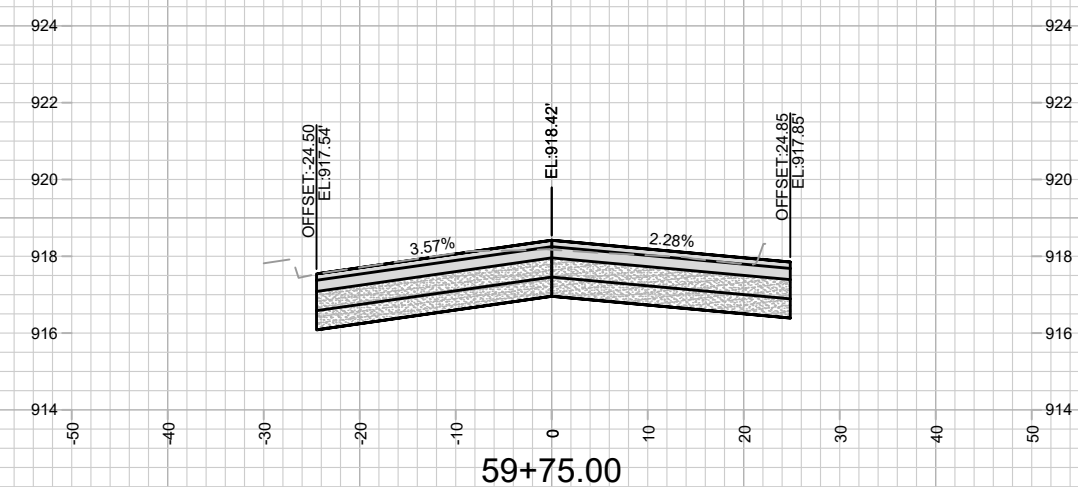
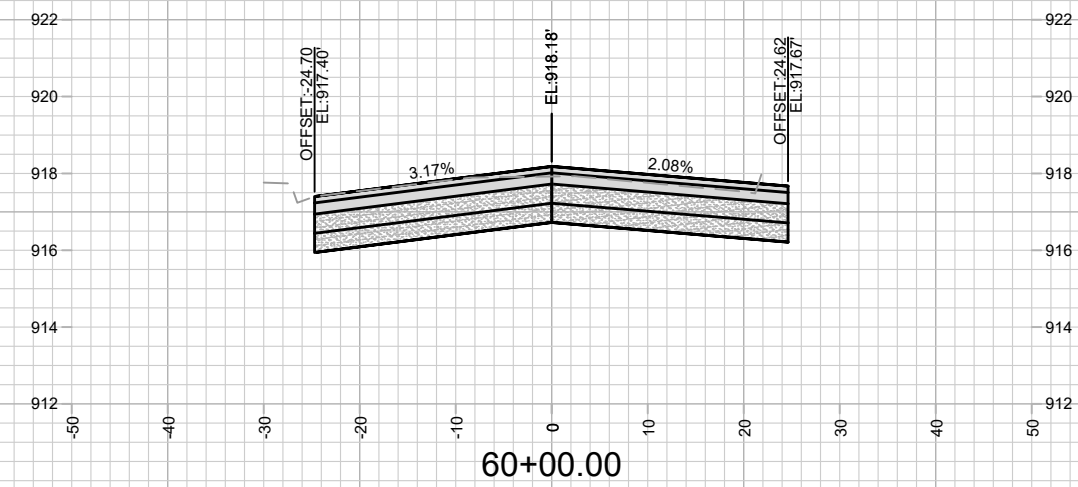
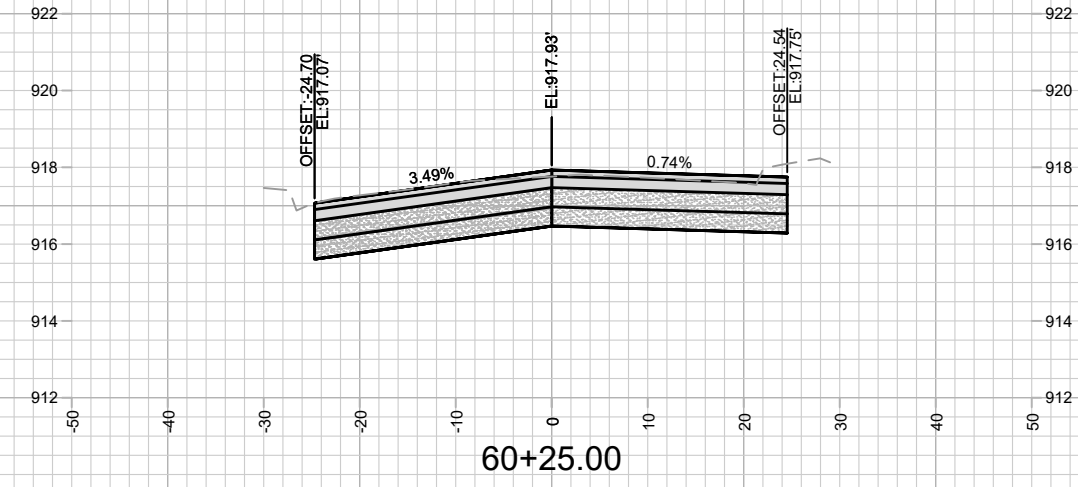
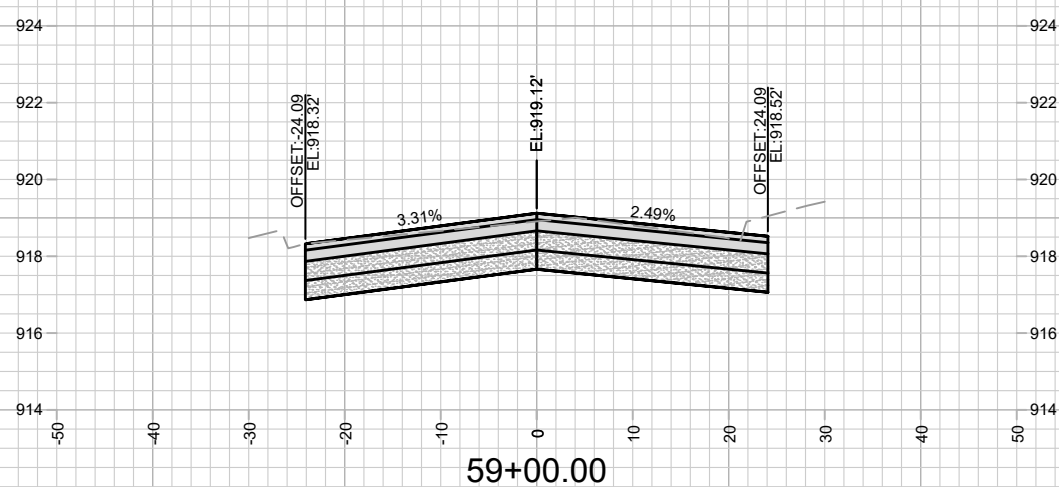
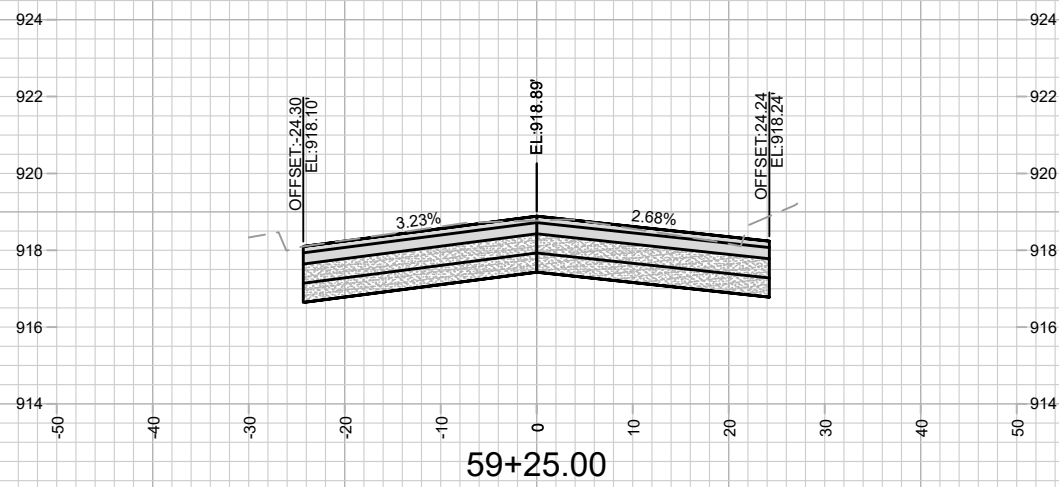
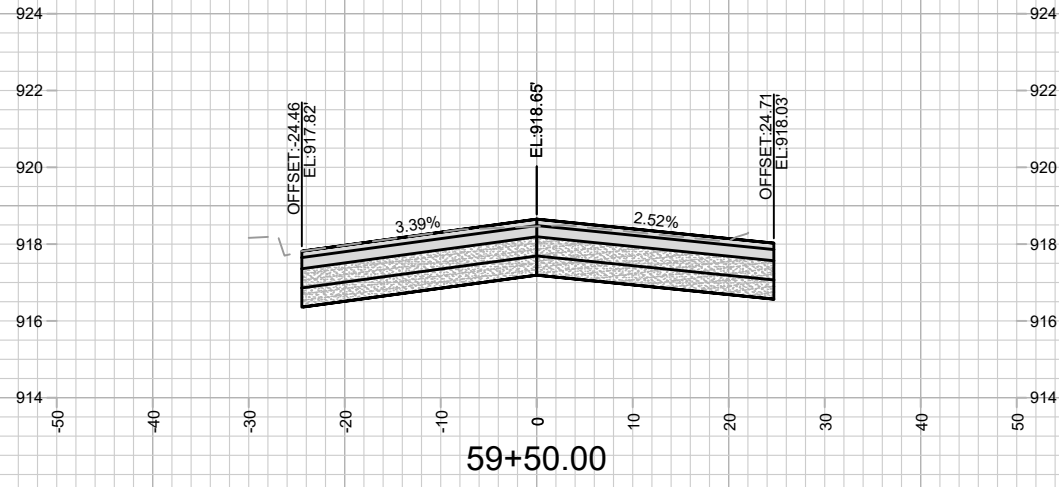
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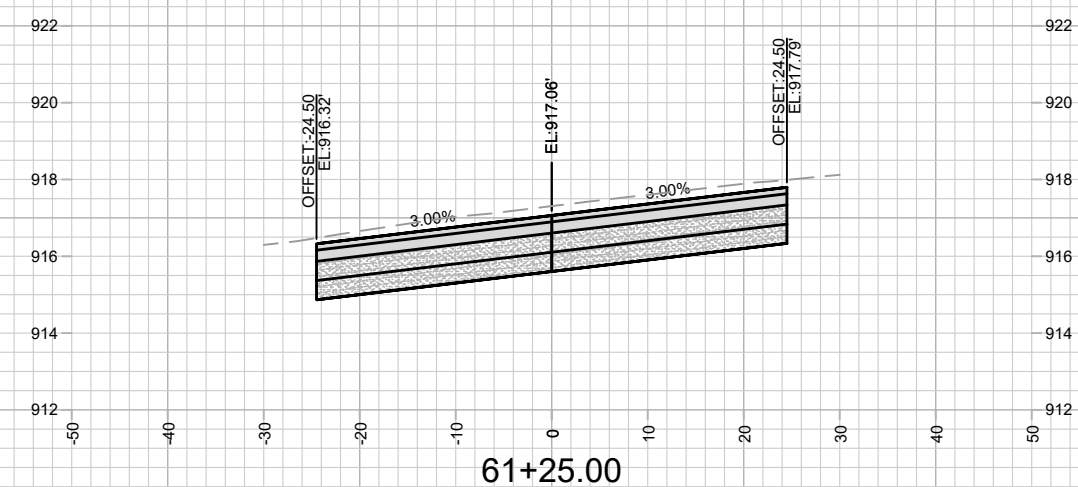
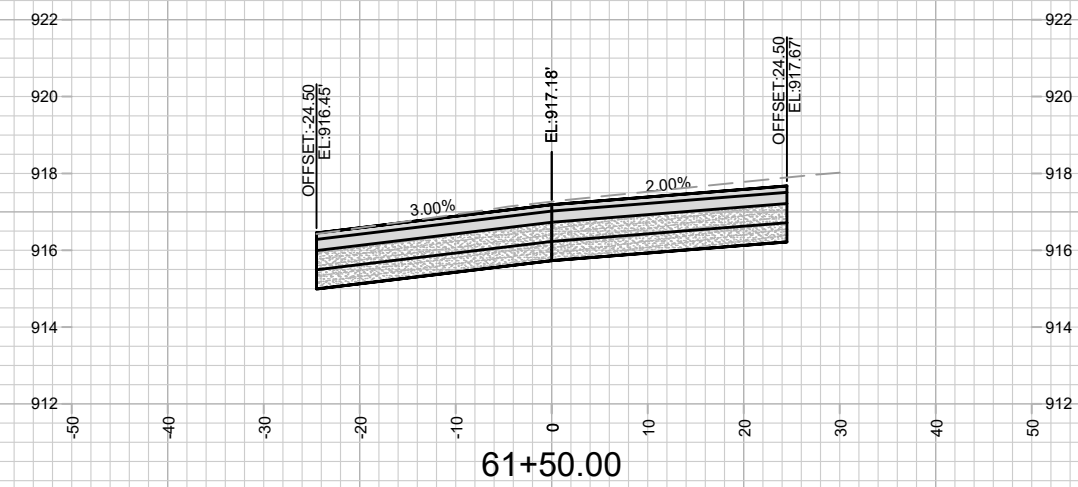
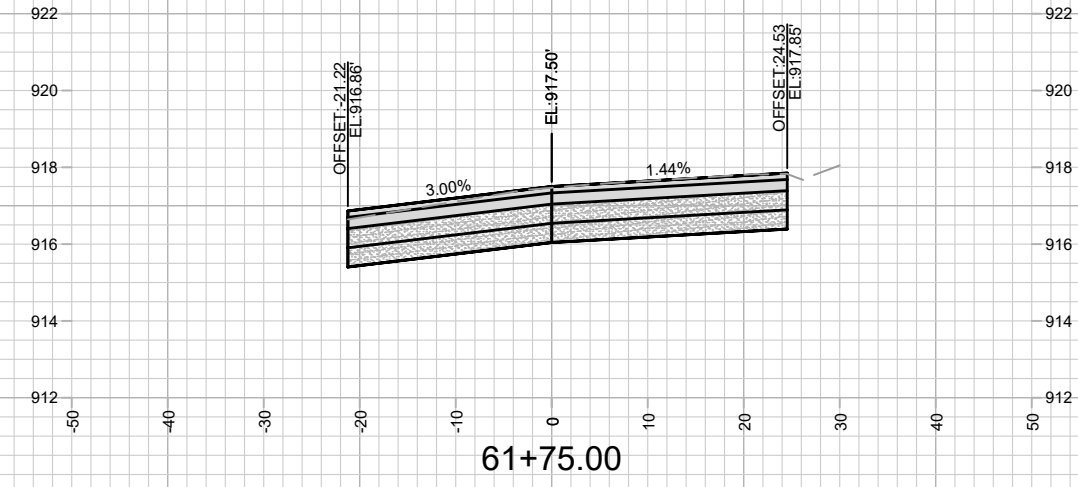
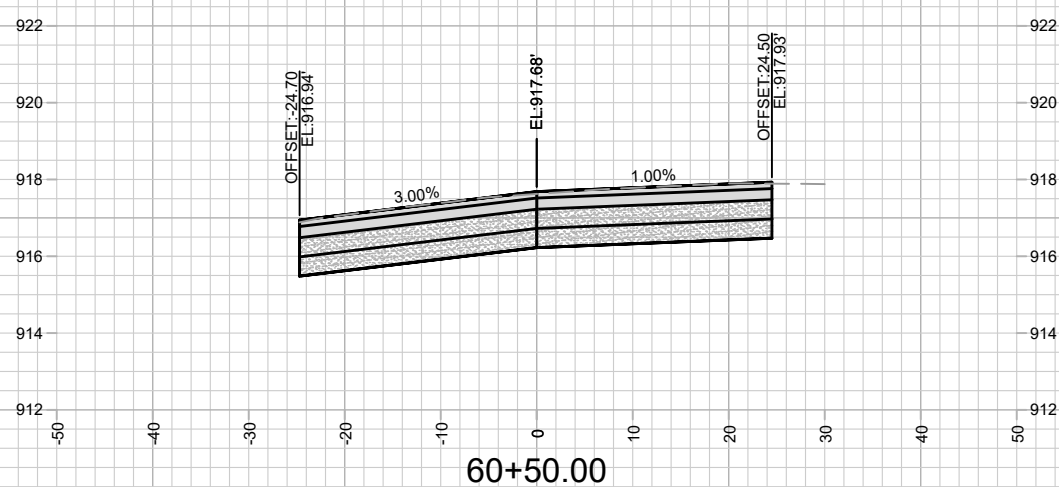
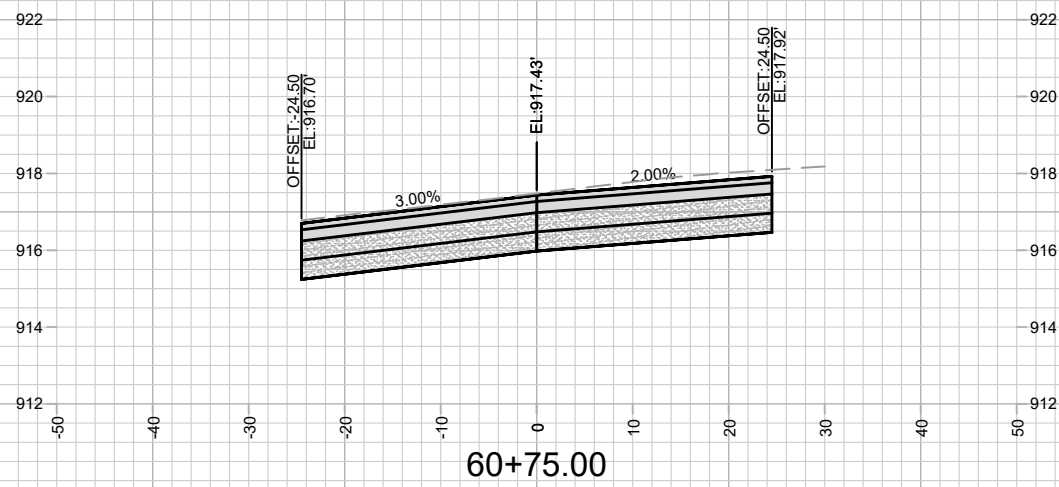
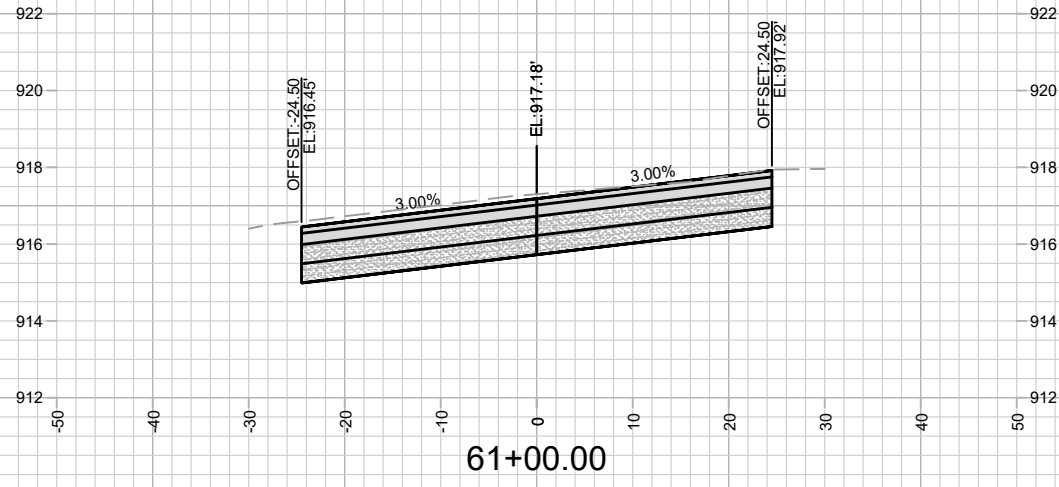
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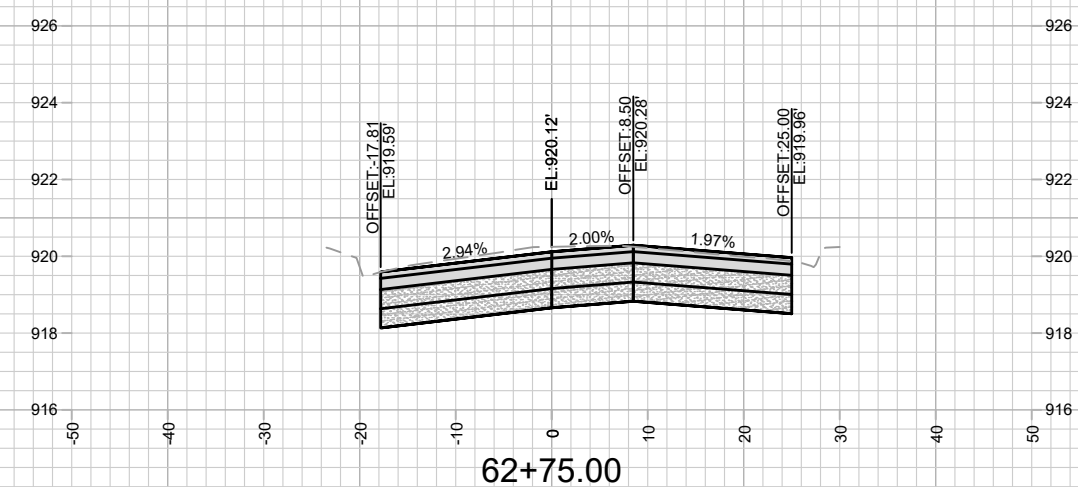
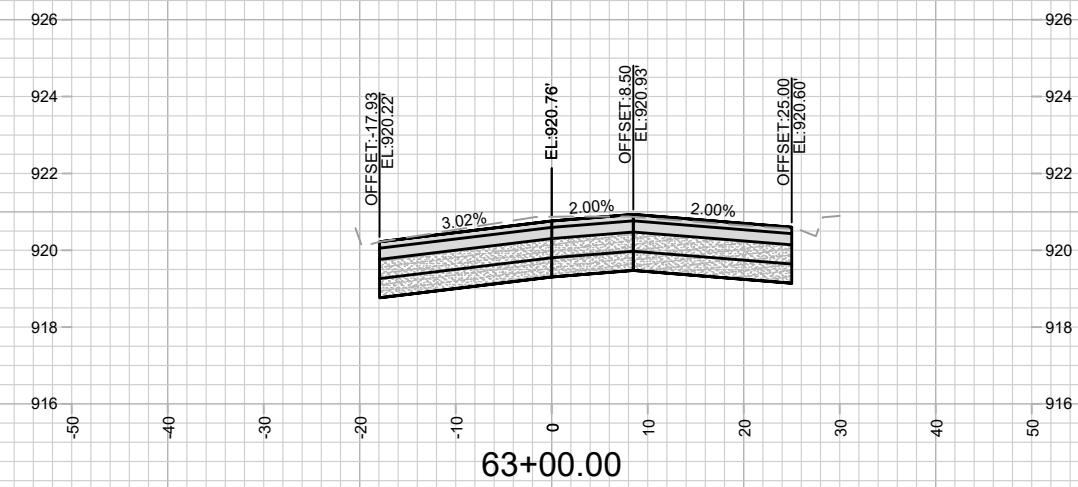
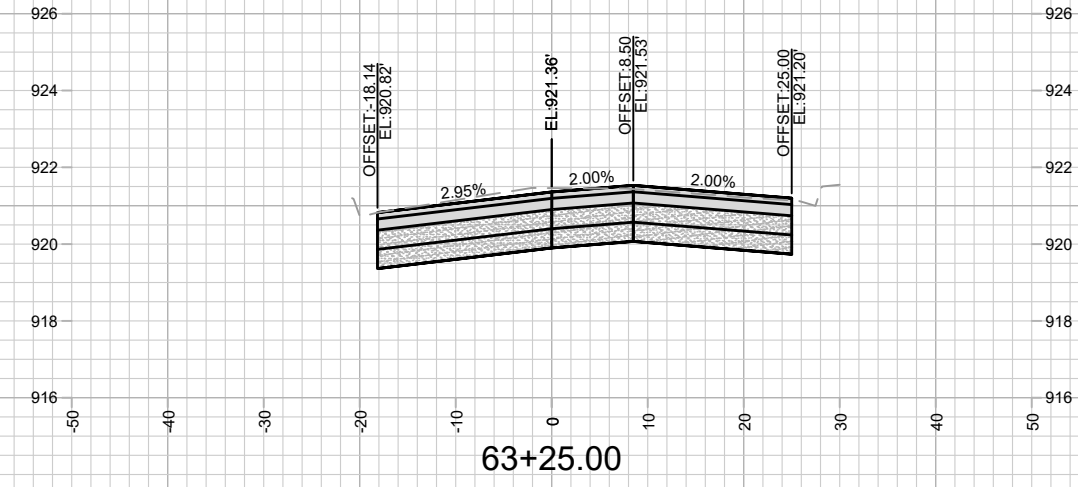
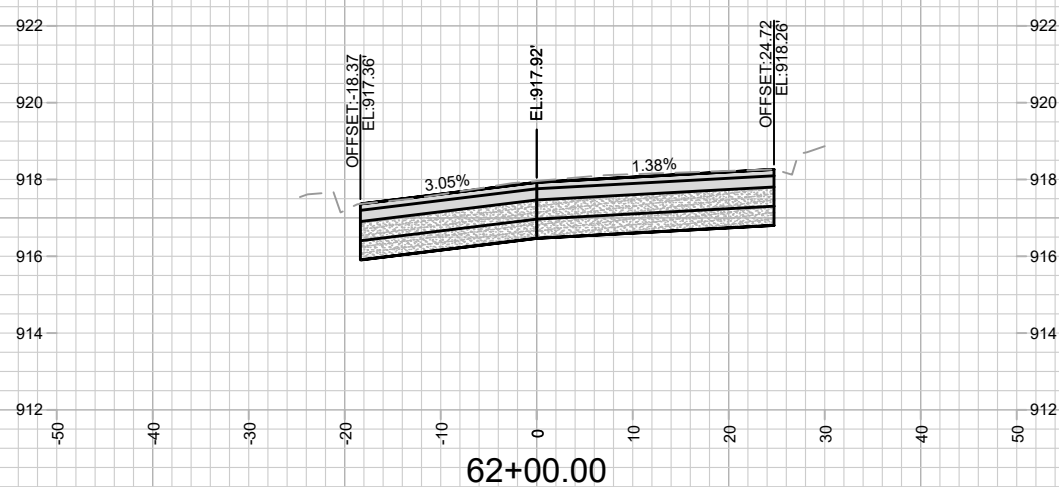
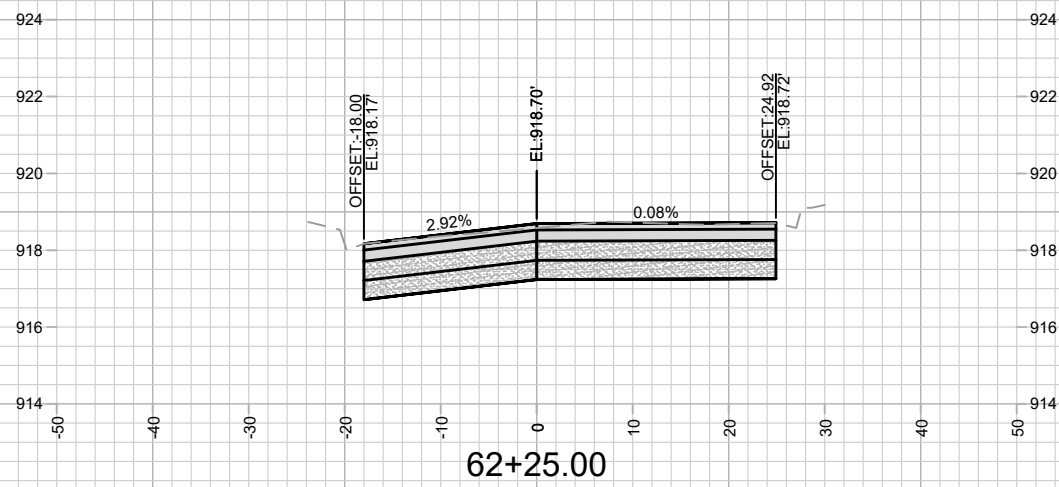
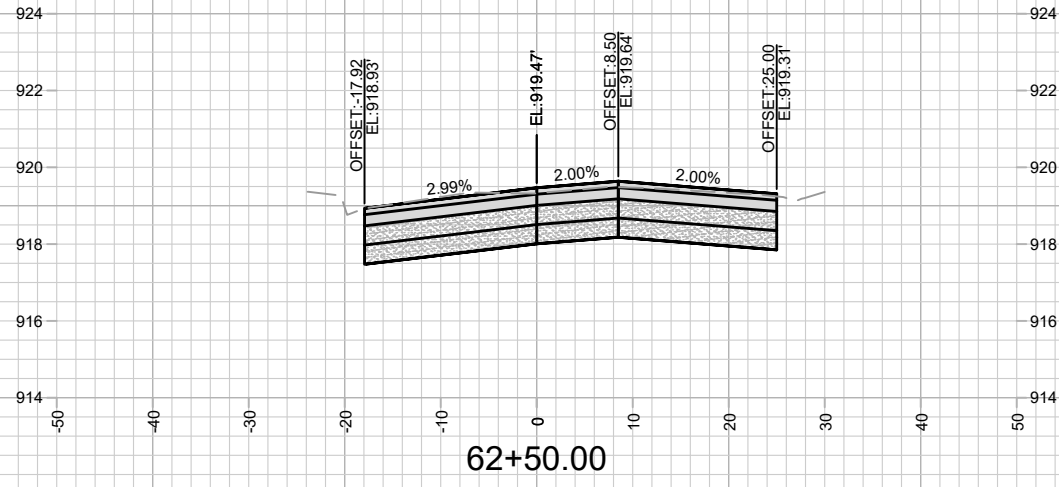
CROSS SECTIONS - OLD MIDDLETON ROAD  
 OLD MIDDLETON RD & CRAIG AVE RESURFACING

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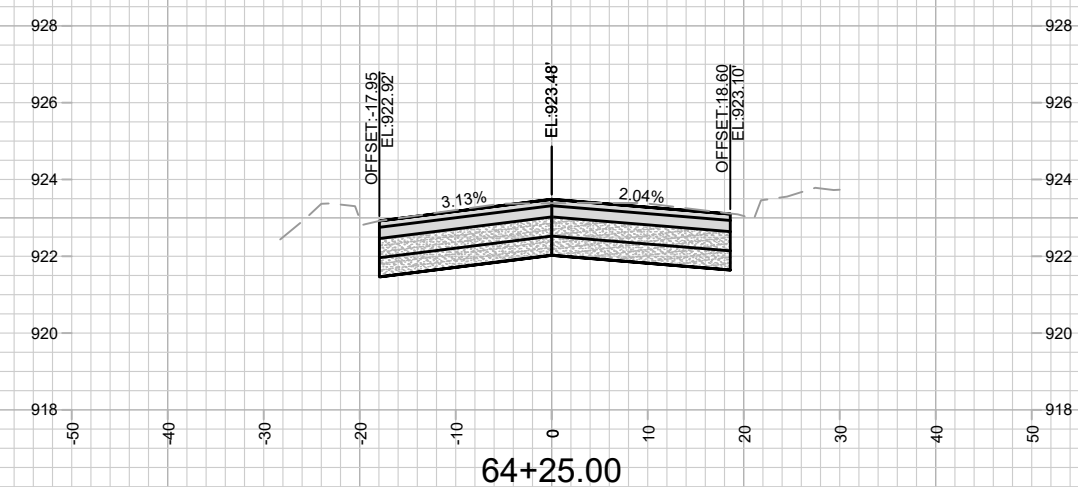
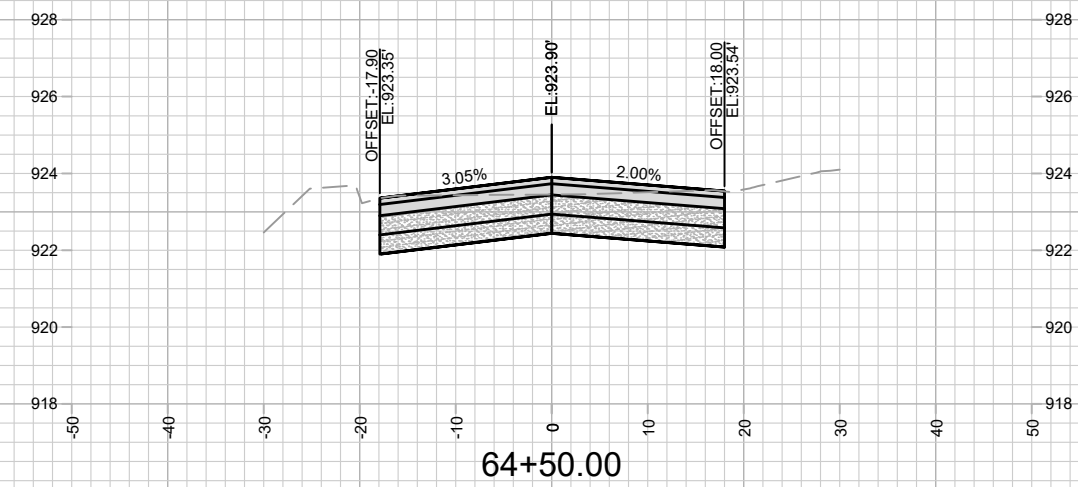
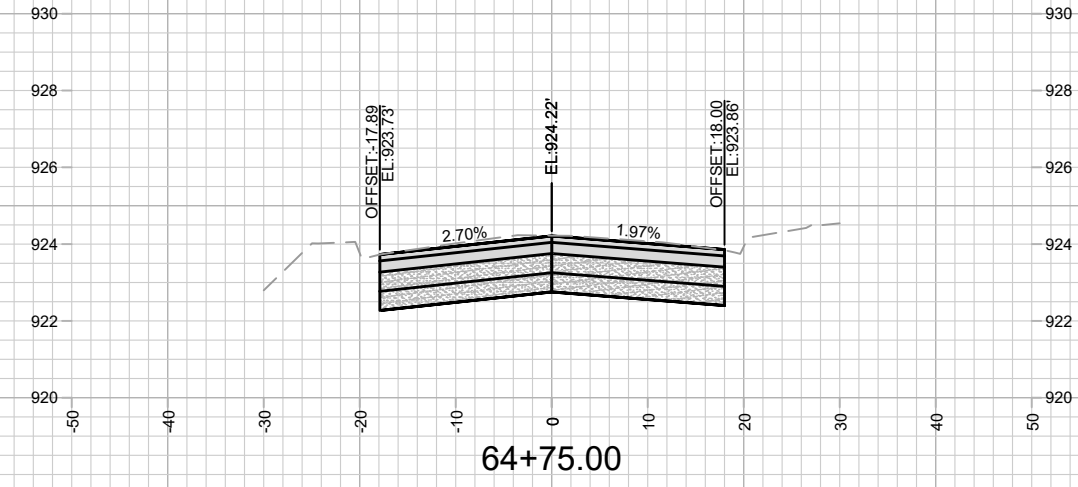
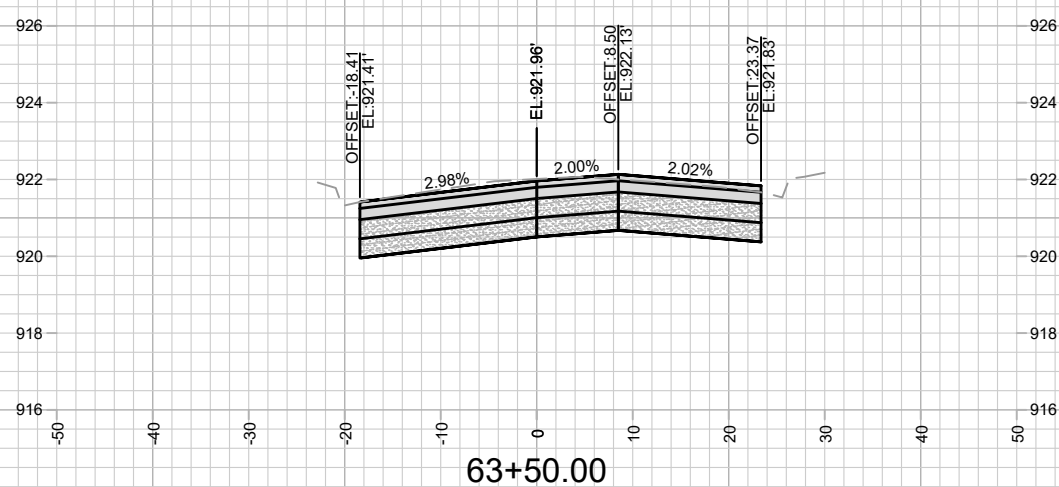
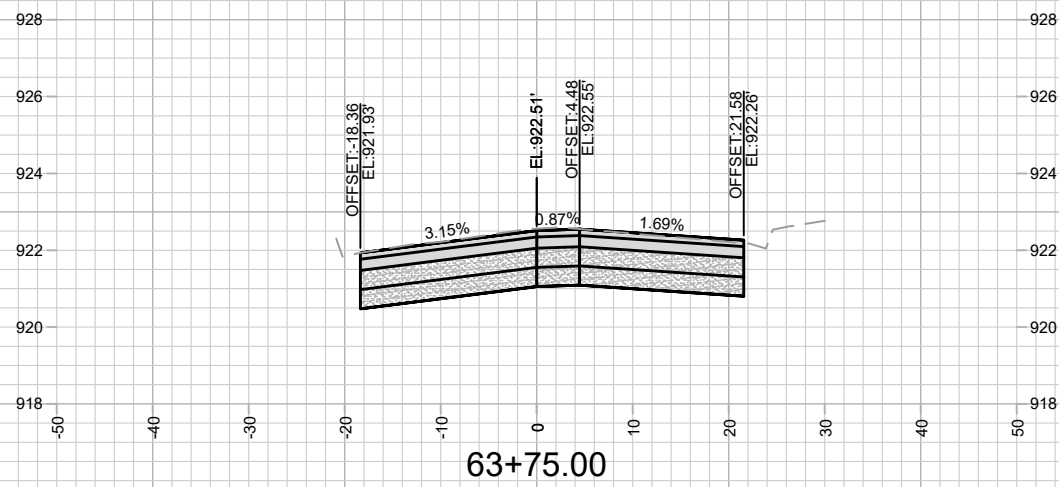
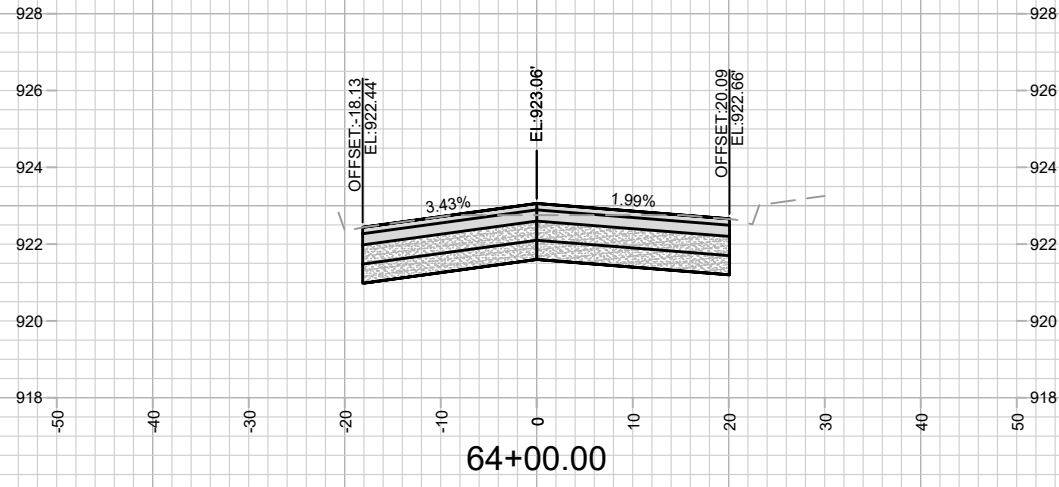
MARK	REVISION	DATE	BY
13175	2/15/2022 11:06 PM	13175	X-40

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 MADISON, WI  
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 X-40

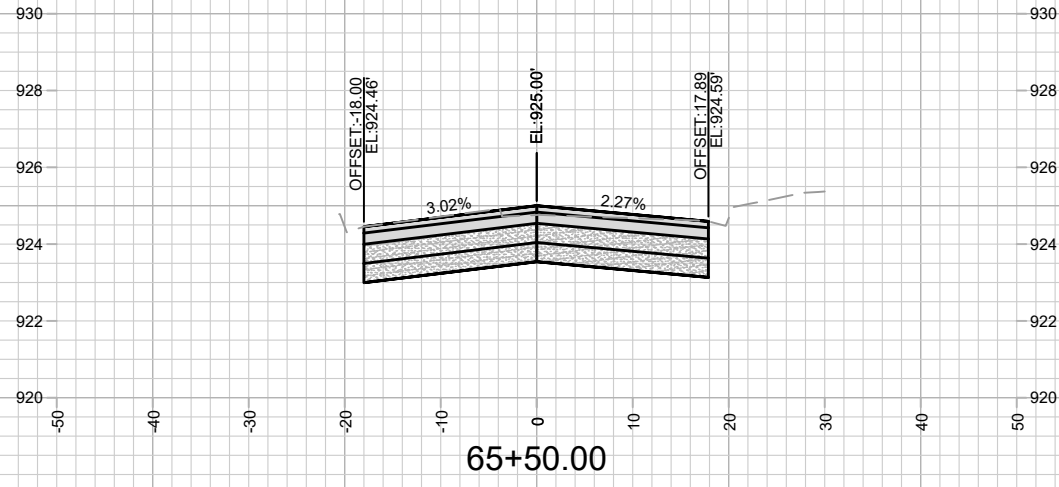




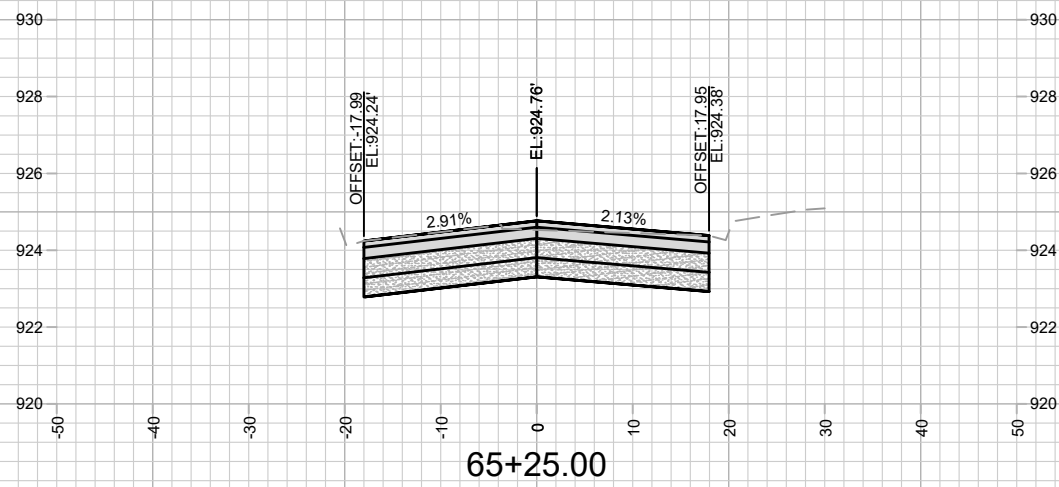
MARK	REVISION	DATE	BY
13175	13175	2/15/2022	X-41

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 MADISON, WI  
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 CROSS SECTIONS - OLD MIDDLETON ROAD  
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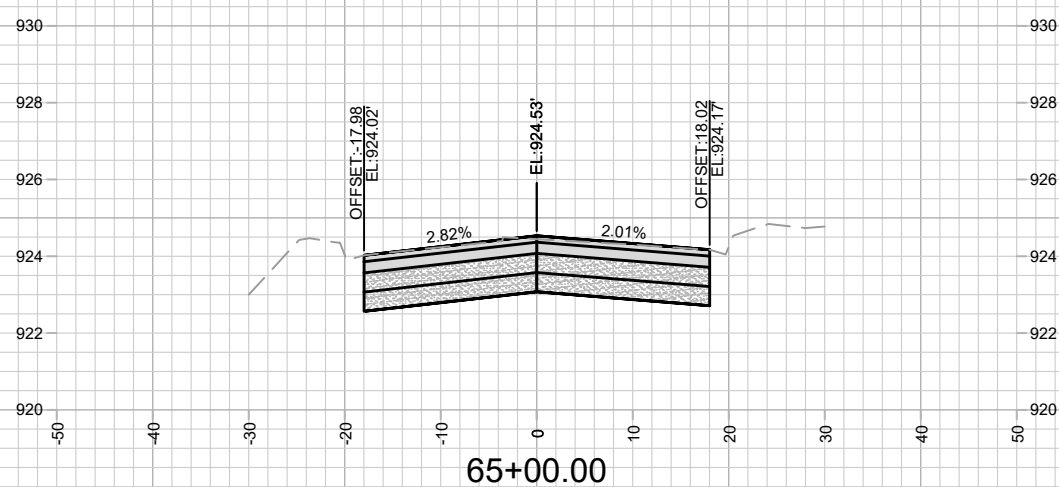
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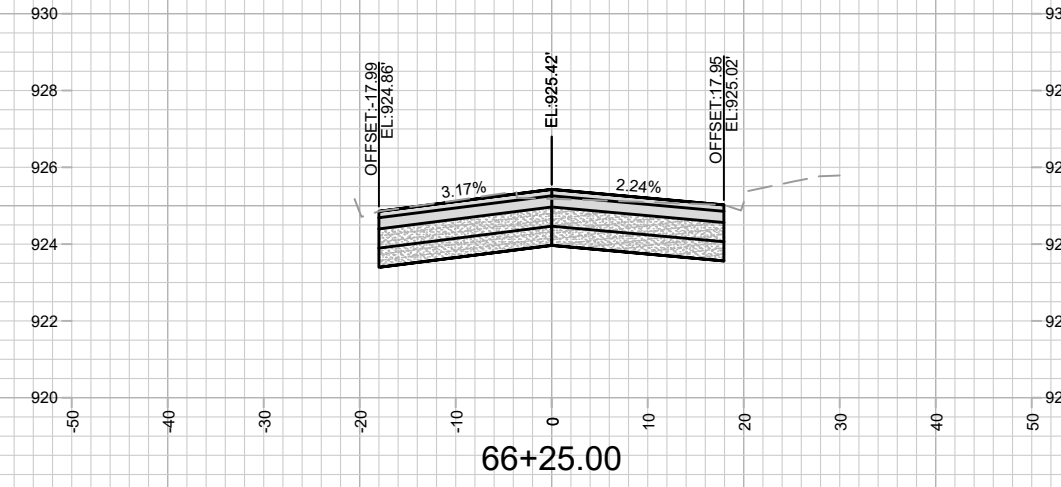
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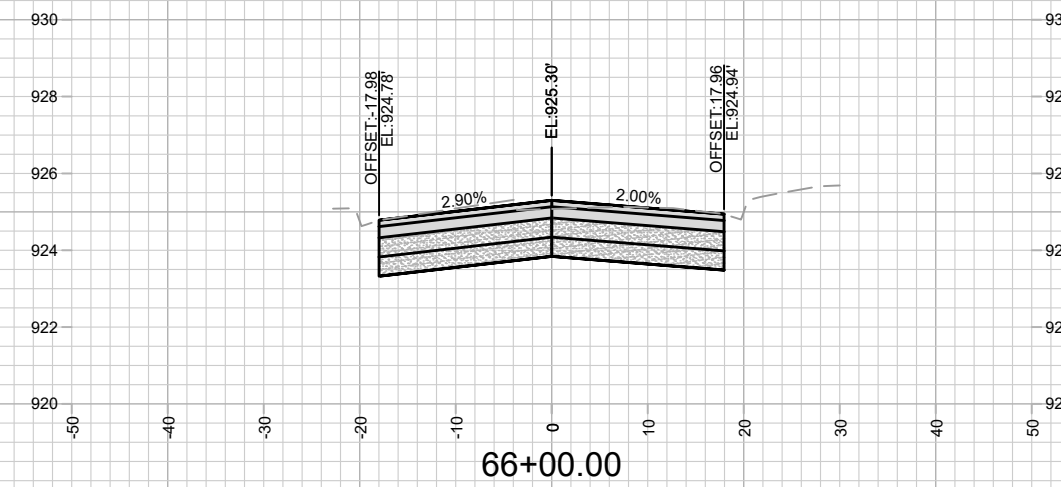
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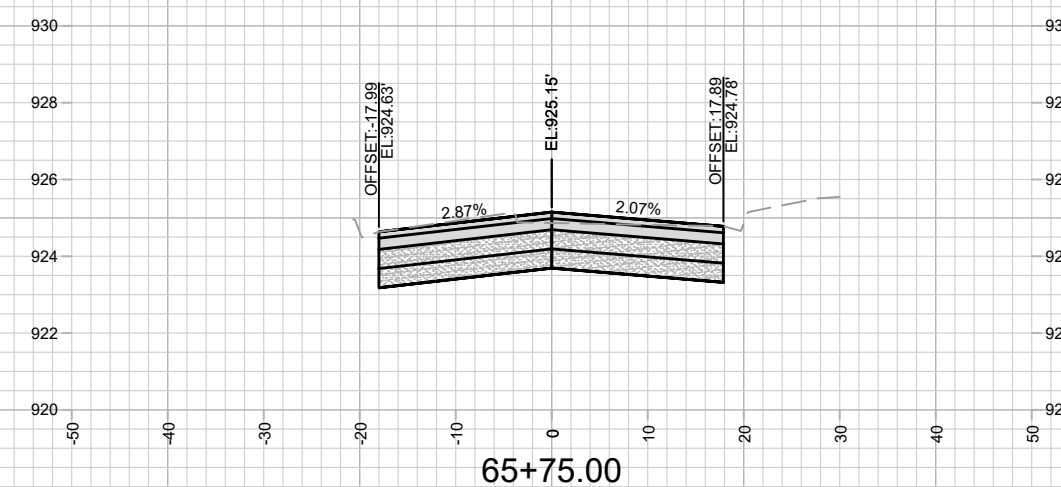
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66+25.00



66+00.00



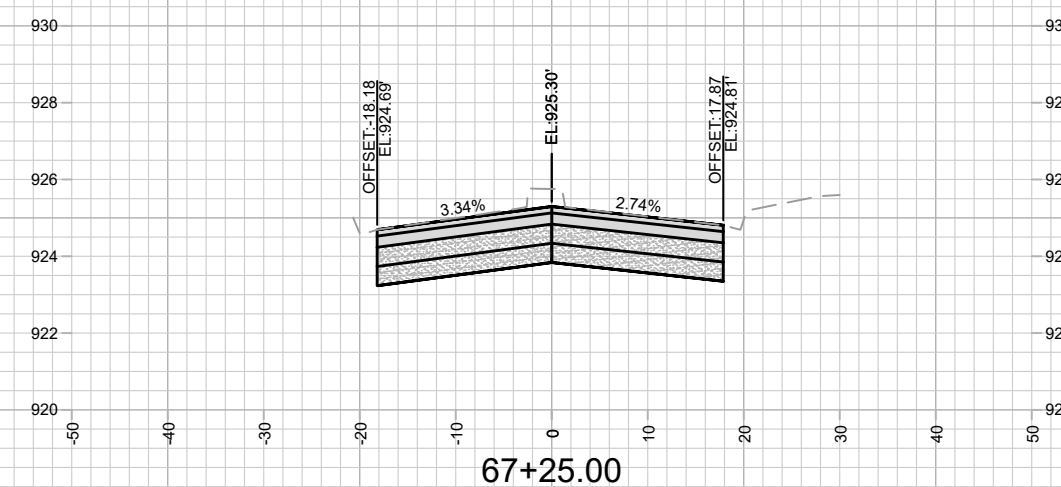
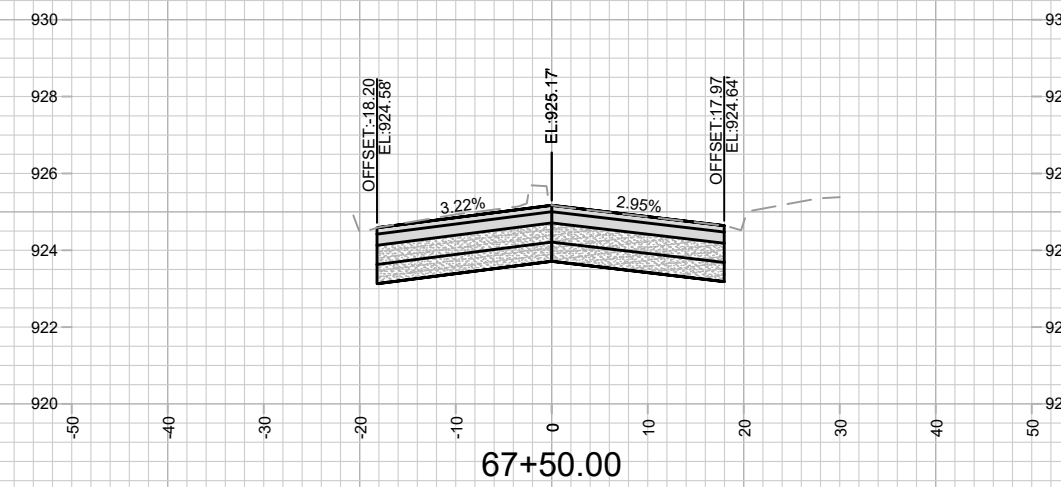
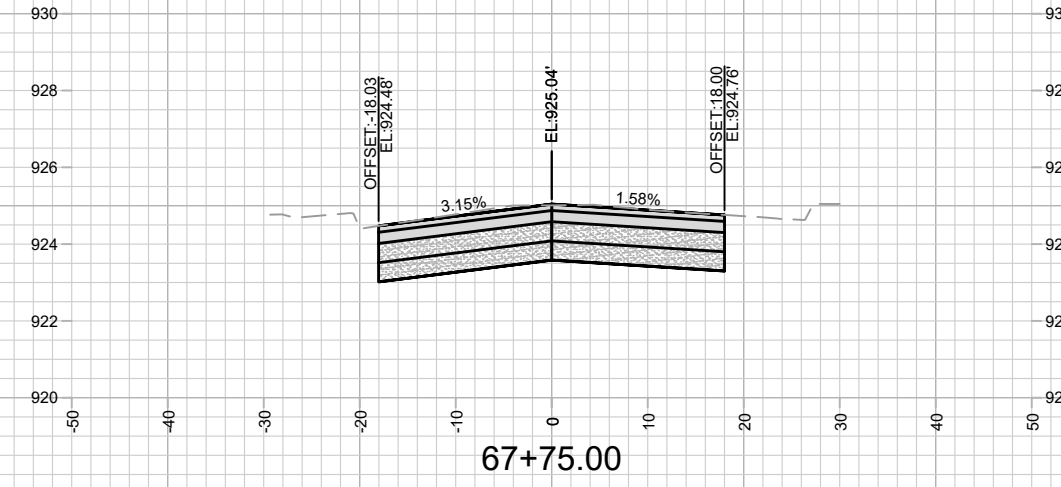
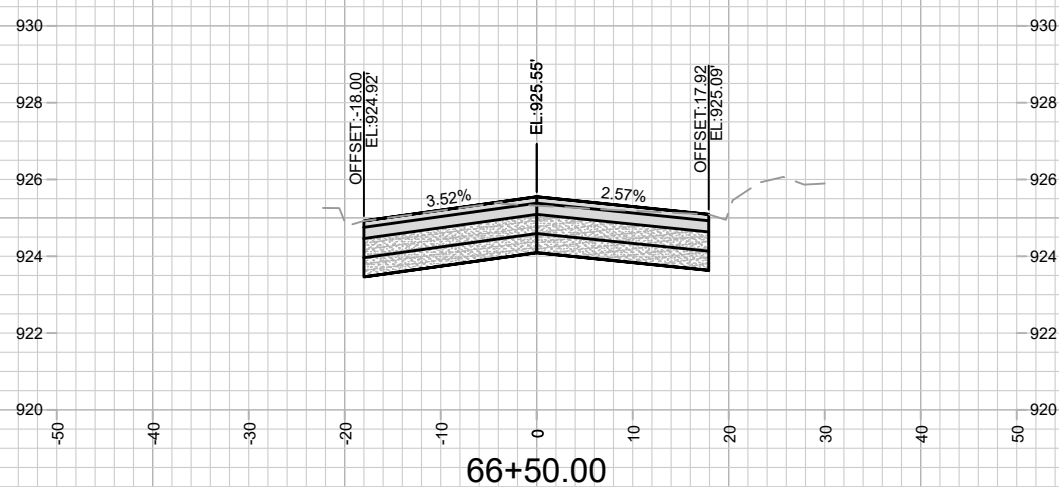
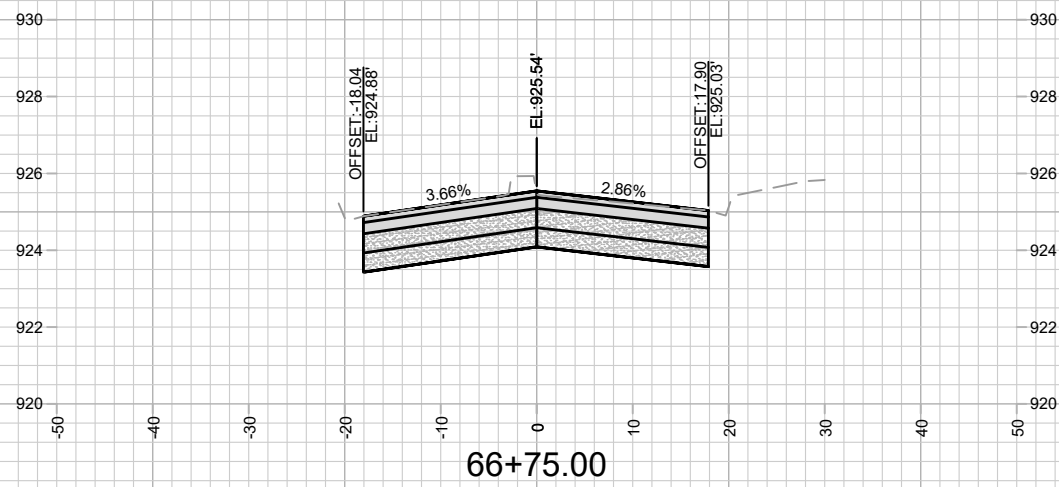
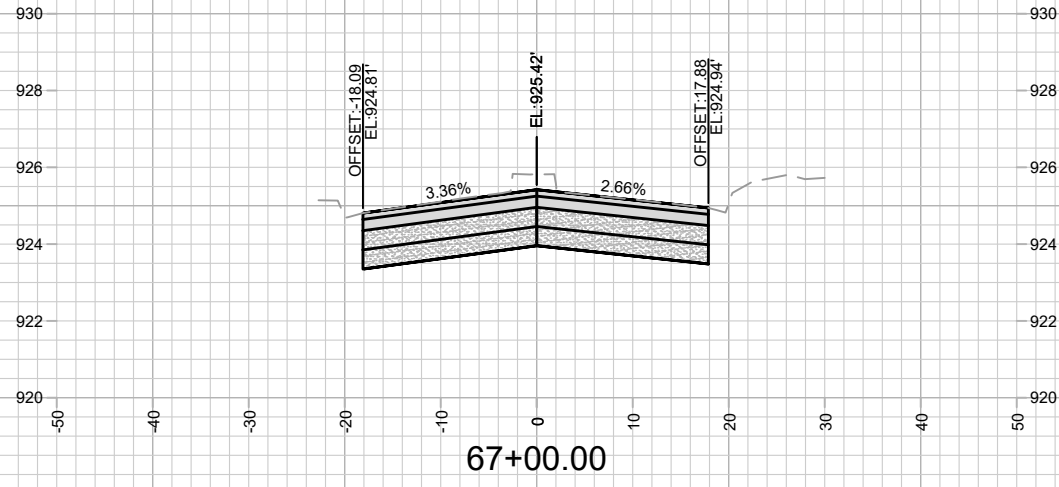
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MARK	REVISION	DATE	BY
13175	2/15/2022 11:07 PM	13175	X-42

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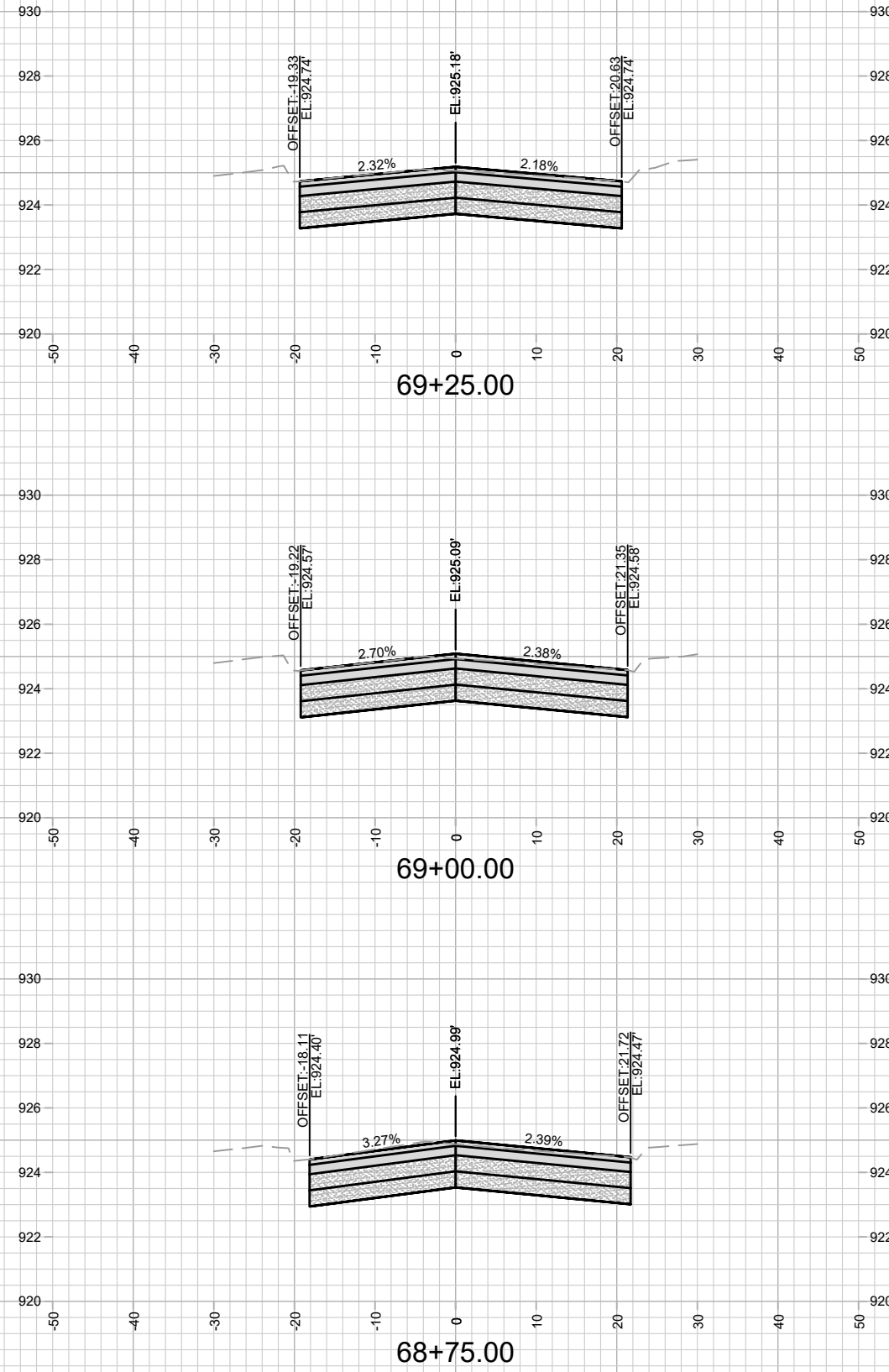
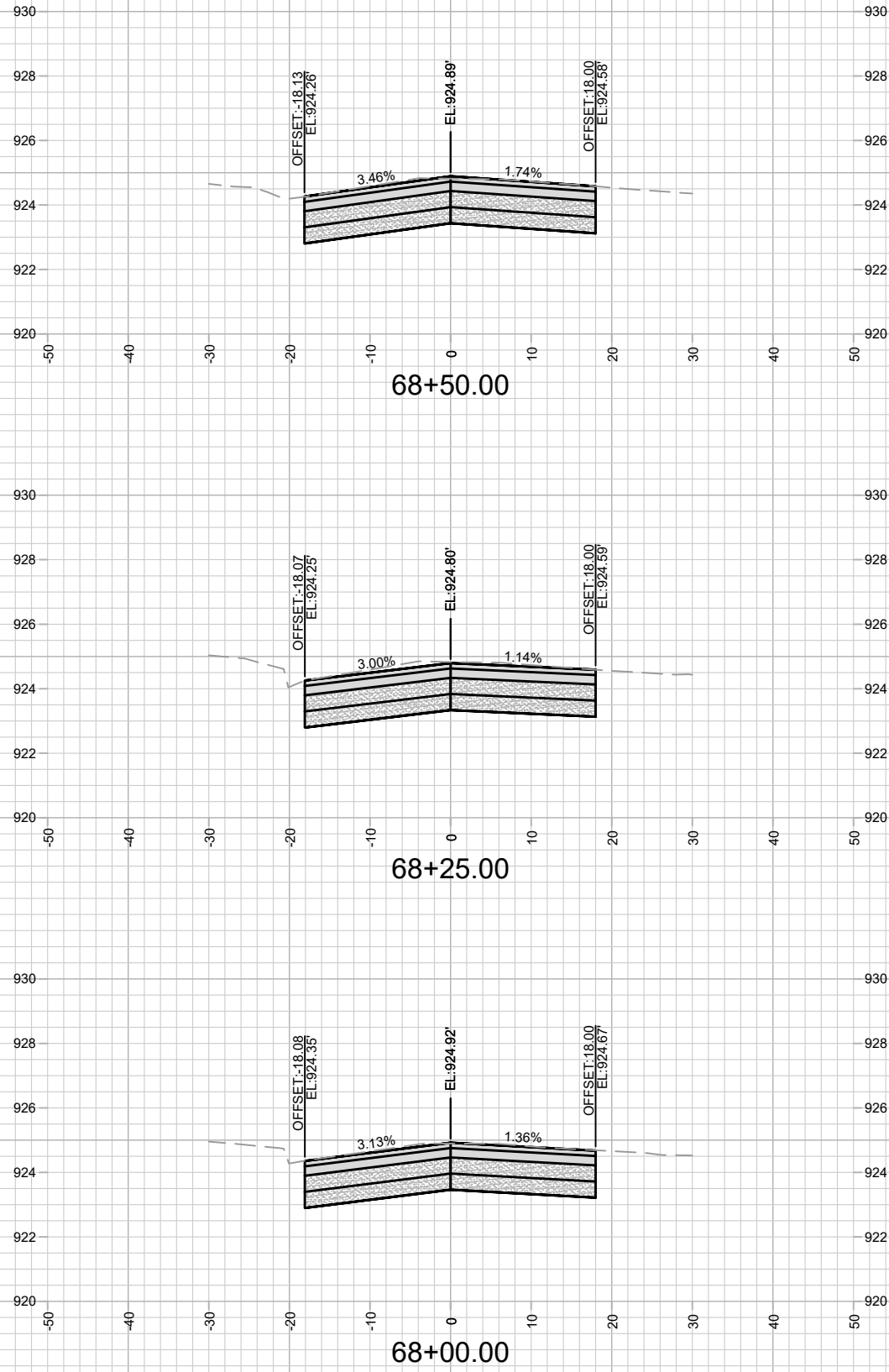


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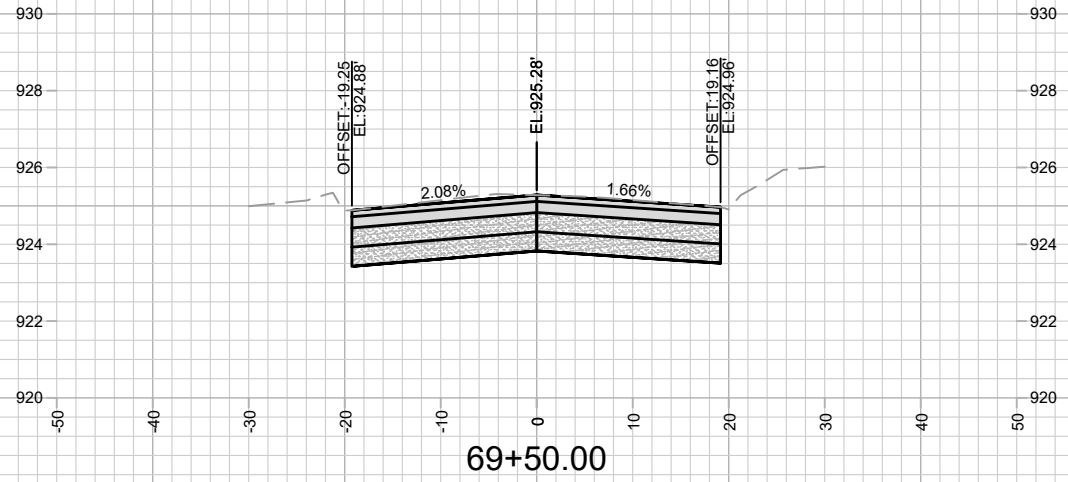


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CROSS SECTIONS - OLD MIDDLETON ROAD  
 OLD MIDDLETON RD & CRAIG AVE RESURFACING

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13175  
X-45

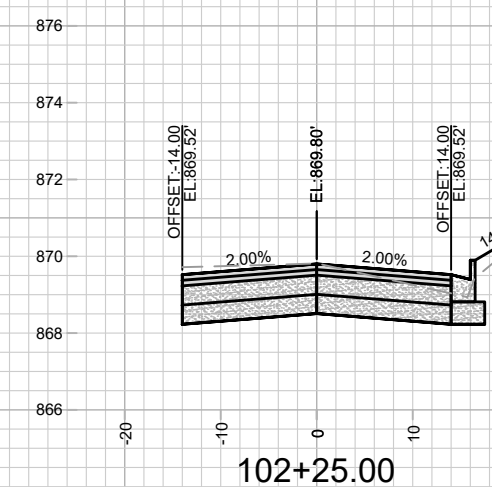
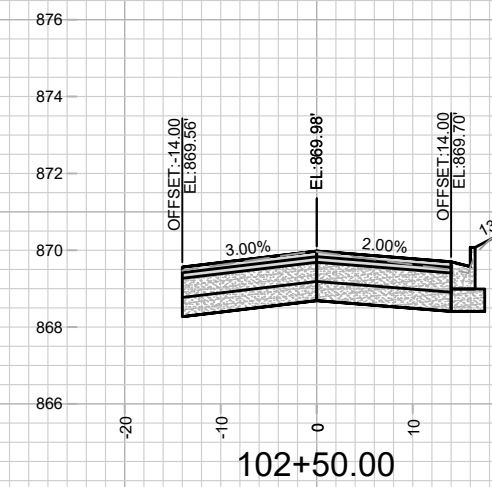
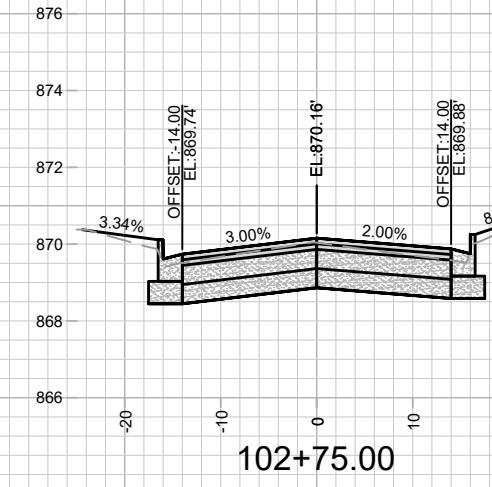
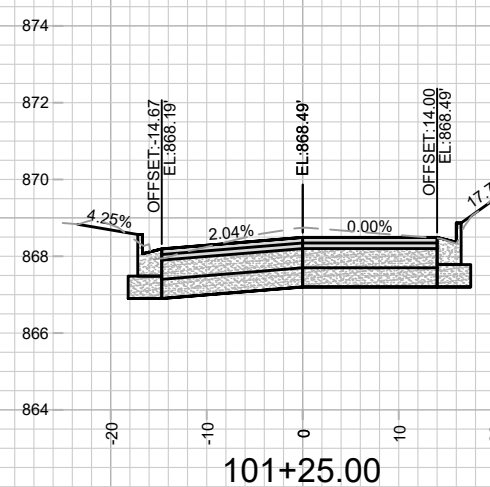
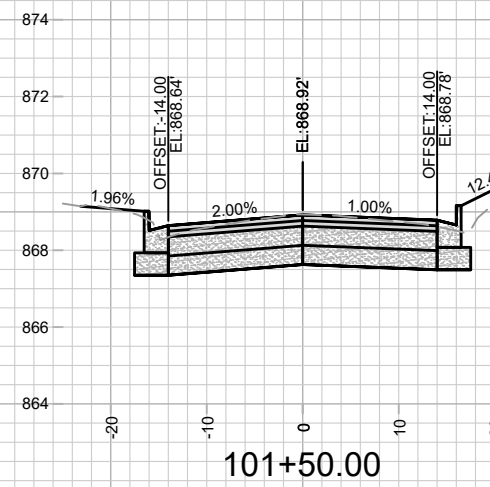
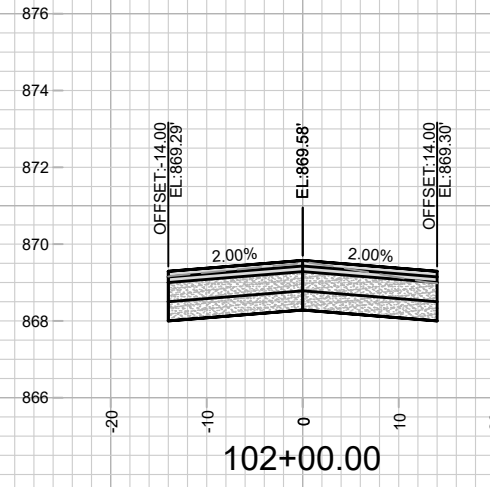
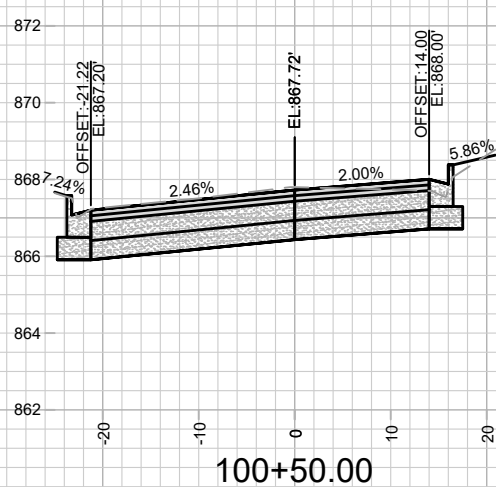
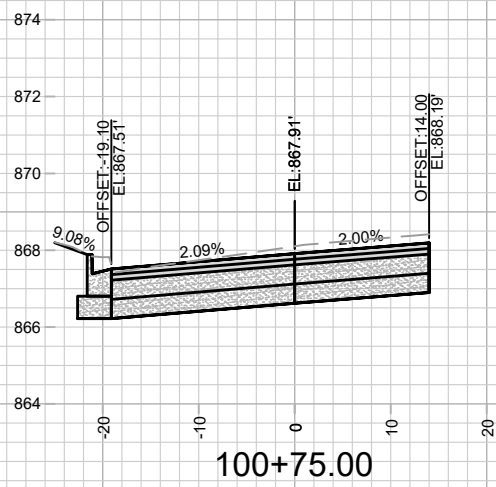
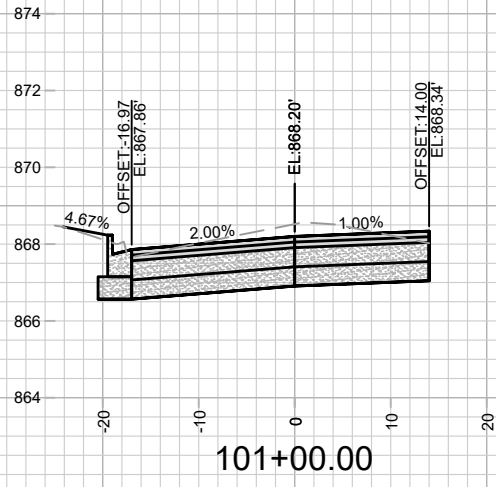
CROSS SECTIONS - OLD MIDDLETON ROAD  
 OLD MIDDLETON RD & CRAIG AVE RESURFACING

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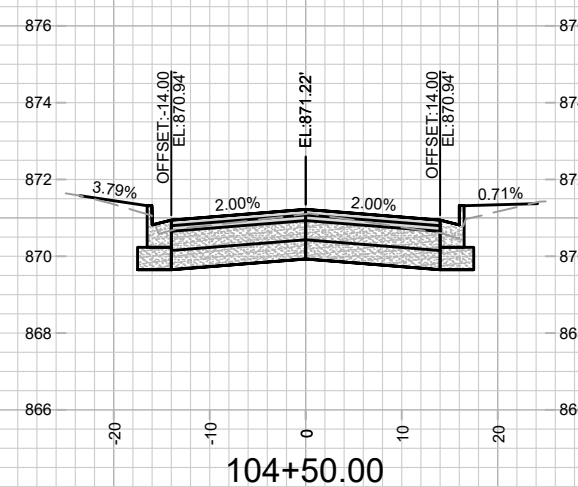
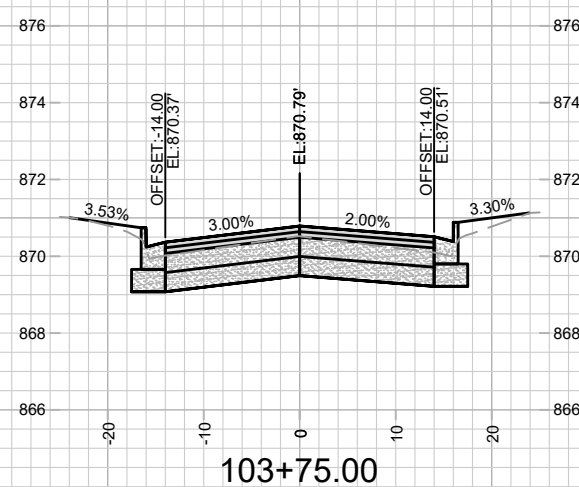
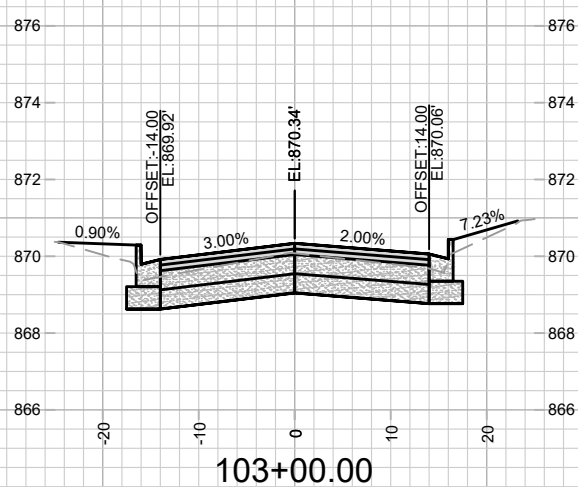
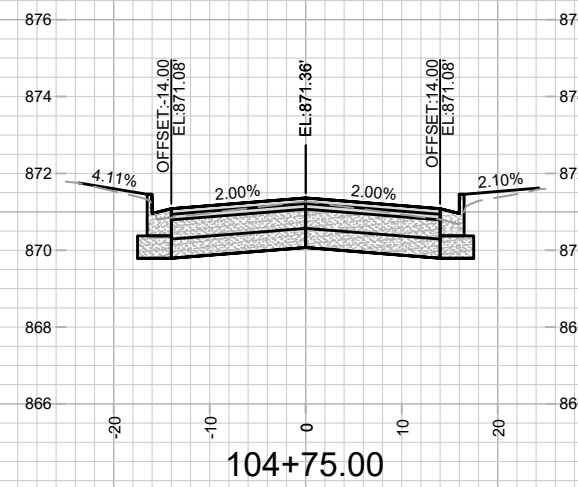
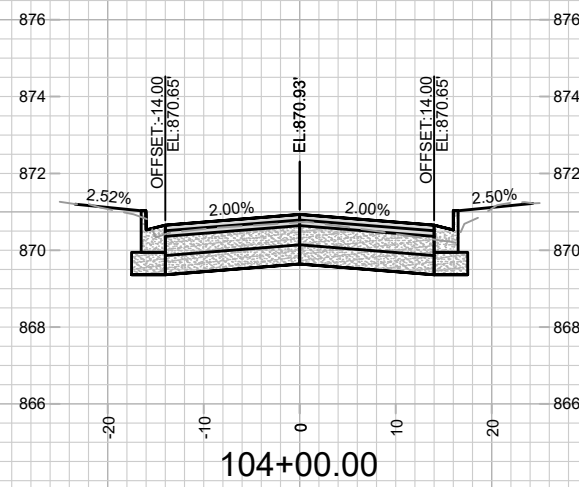
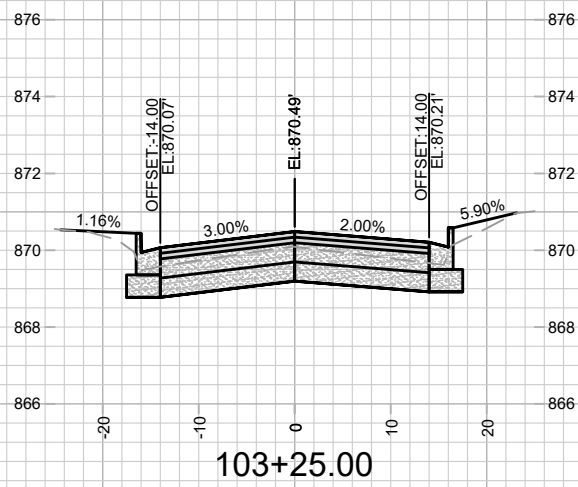
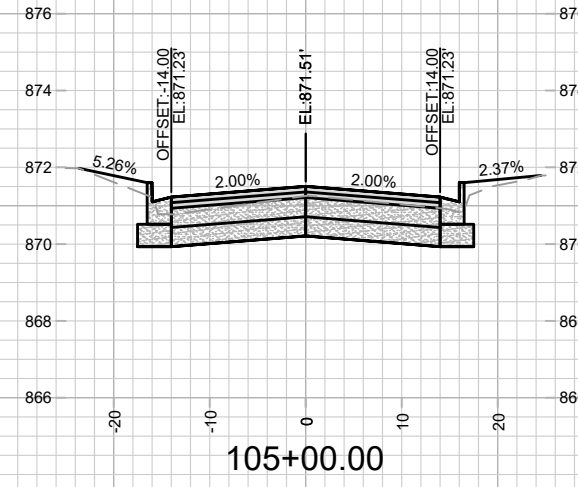
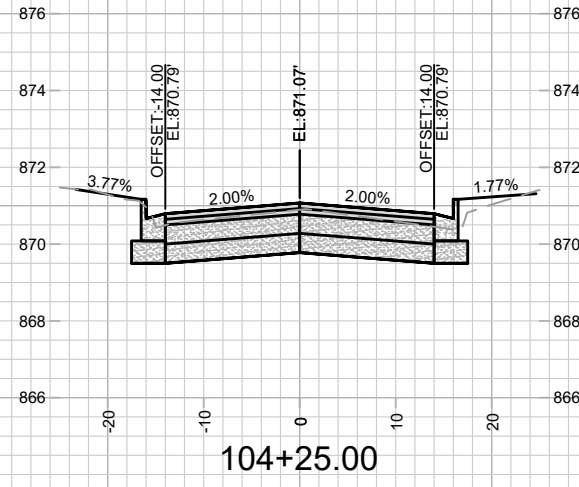
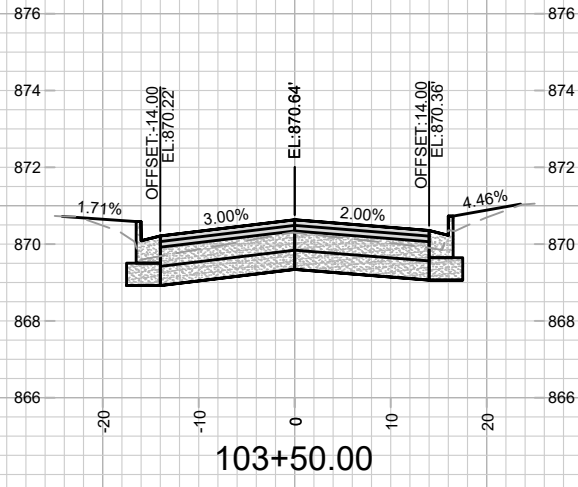


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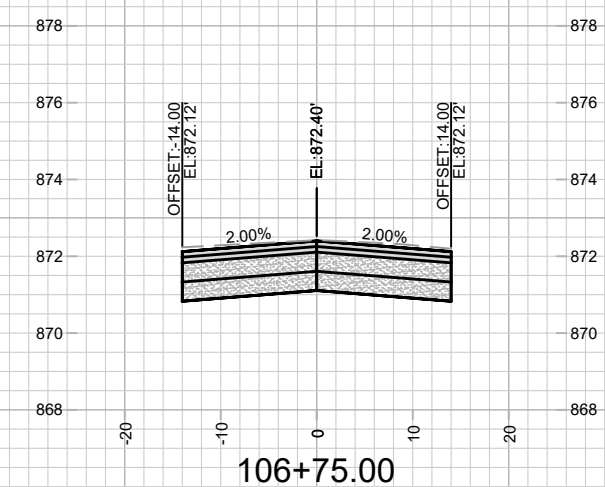
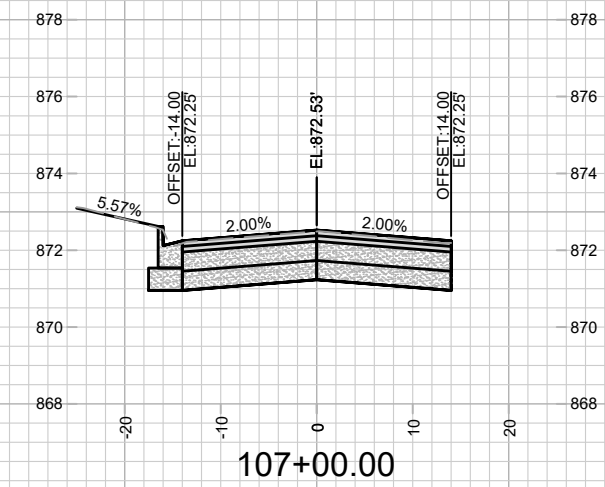
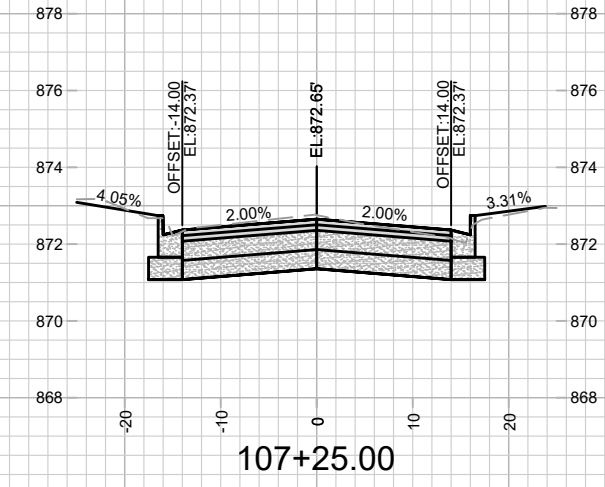
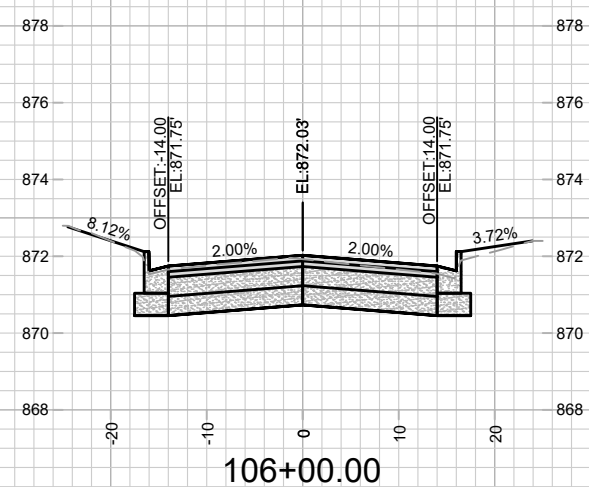
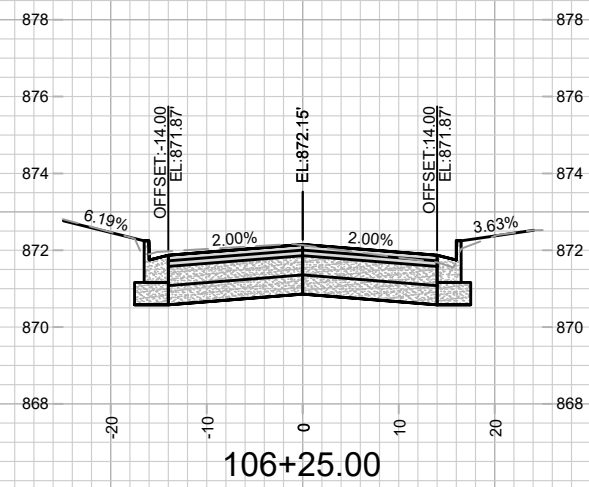
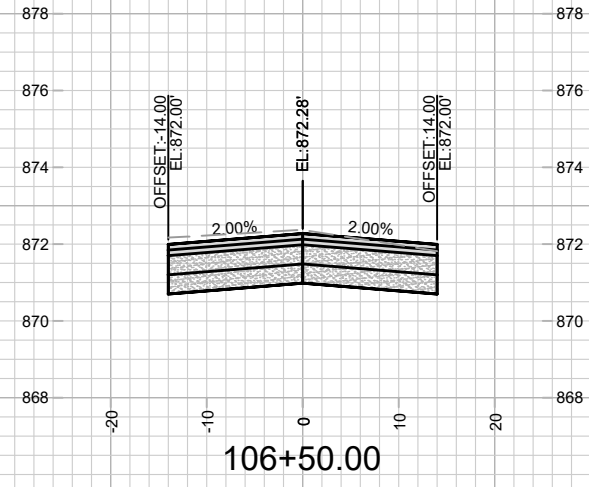
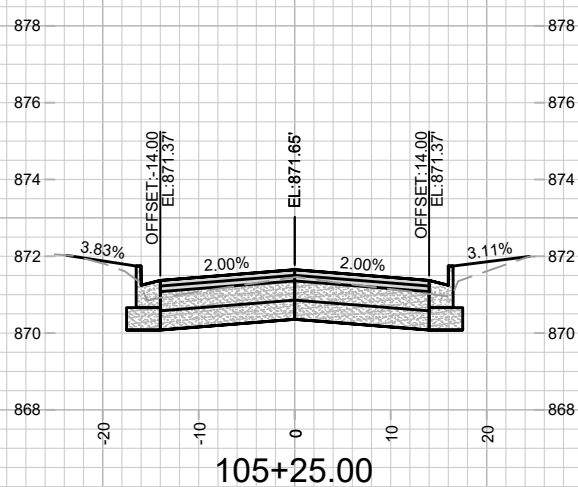
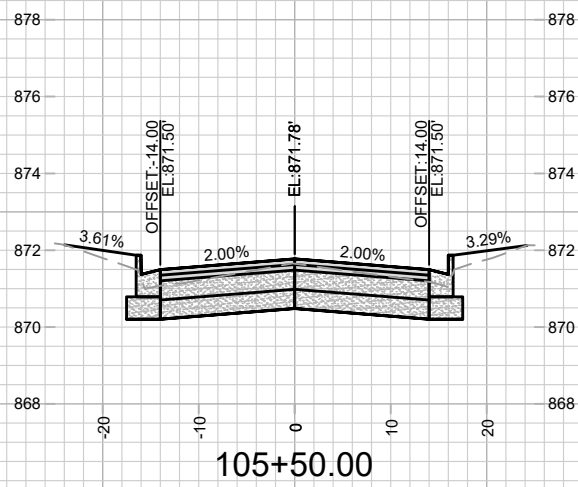
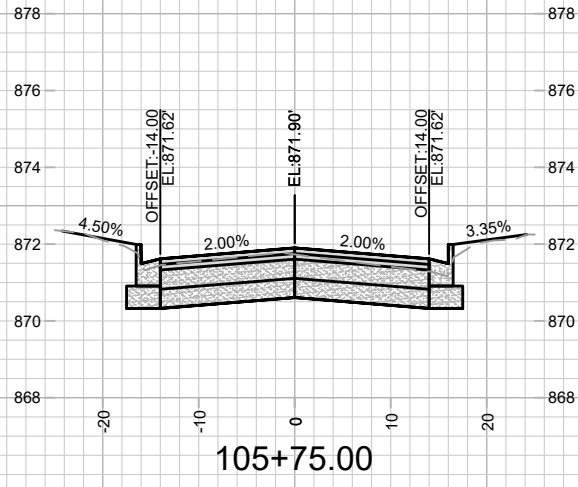
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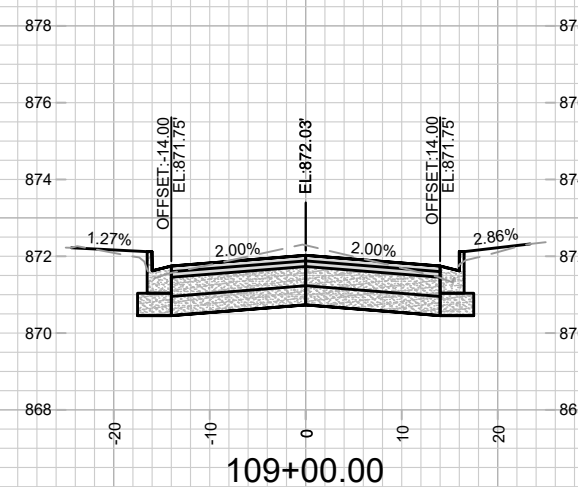
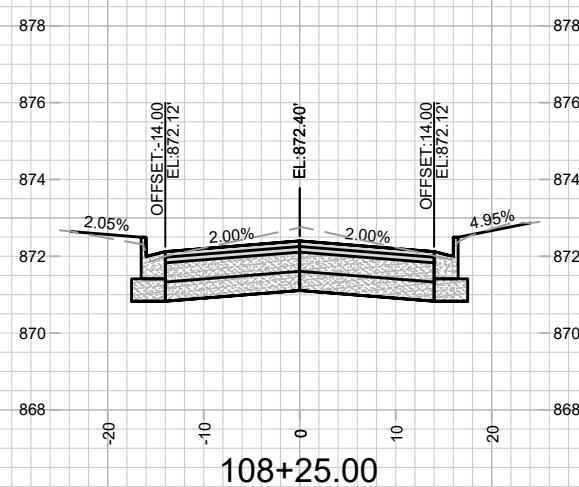
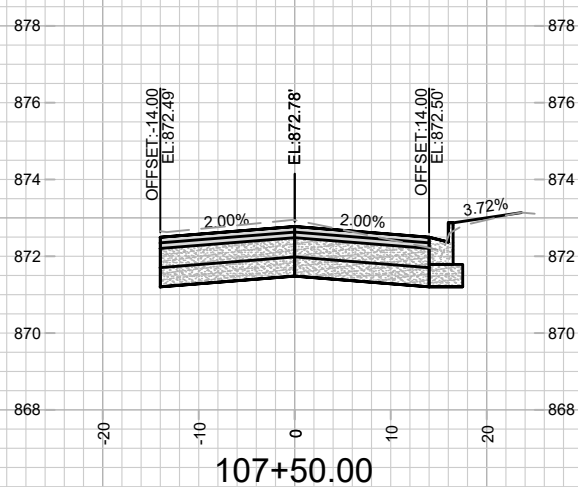
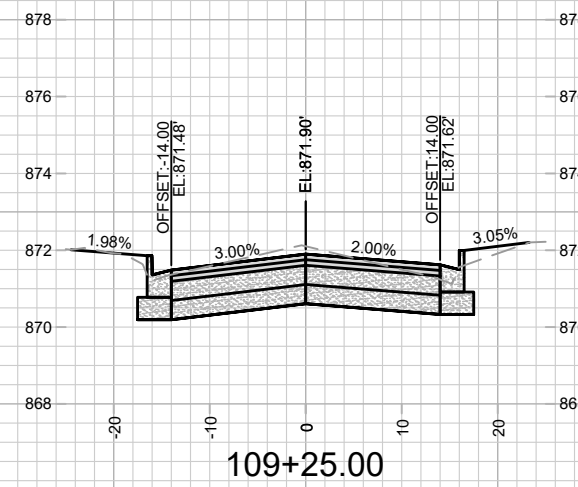
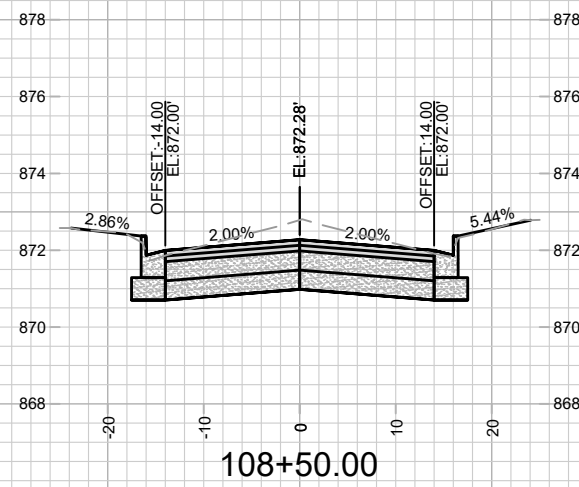
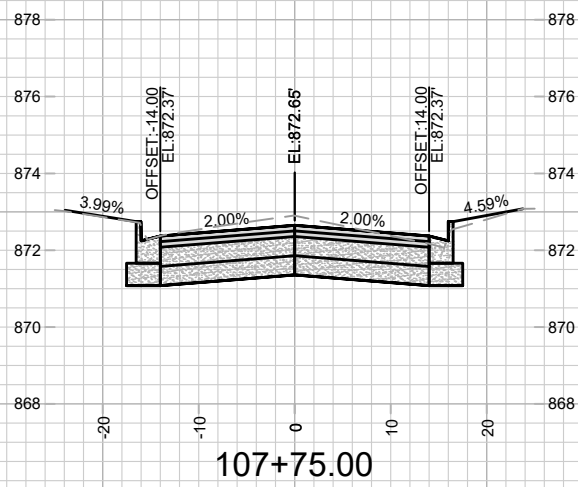
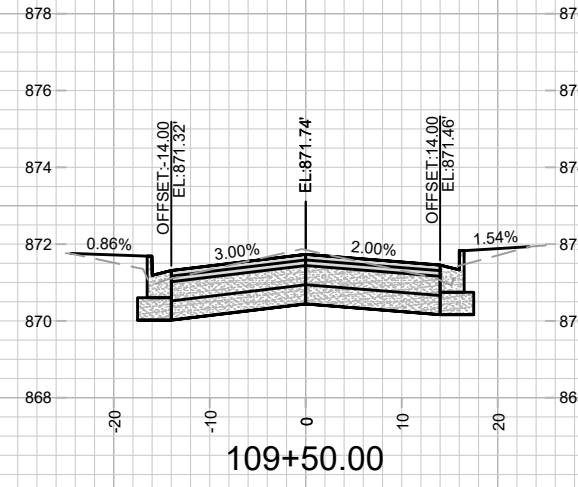
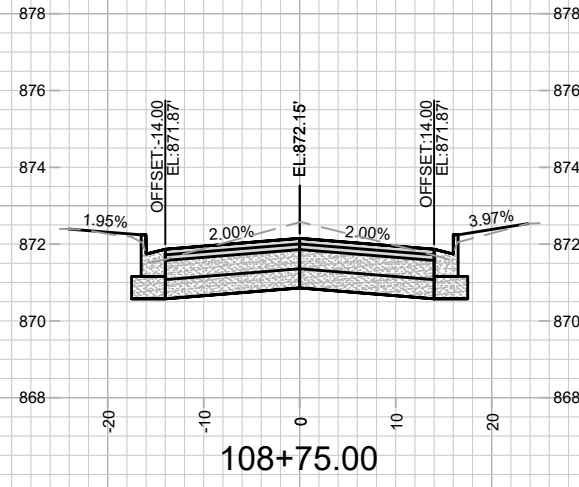
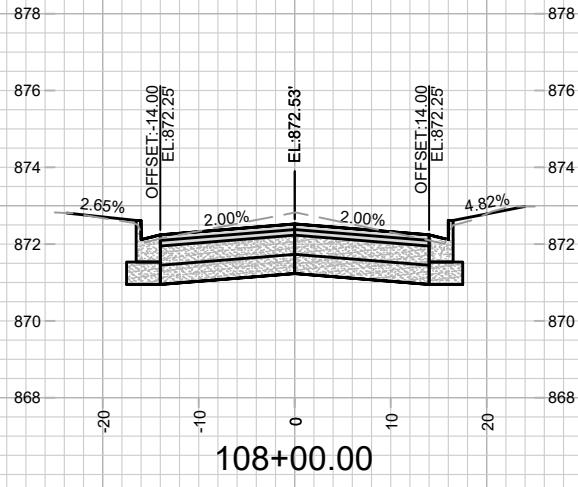


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13175	13175	2/15/2022	X-48

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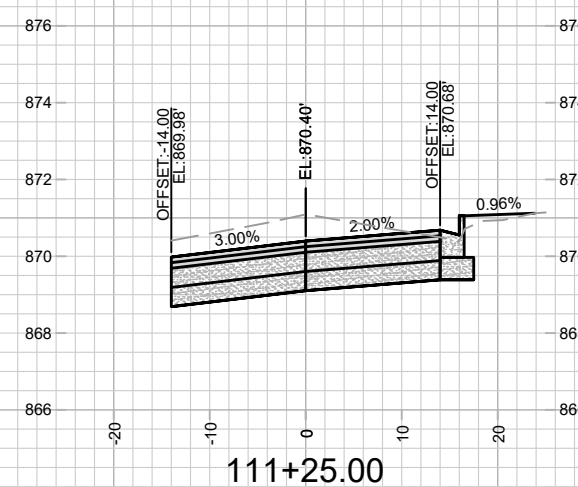
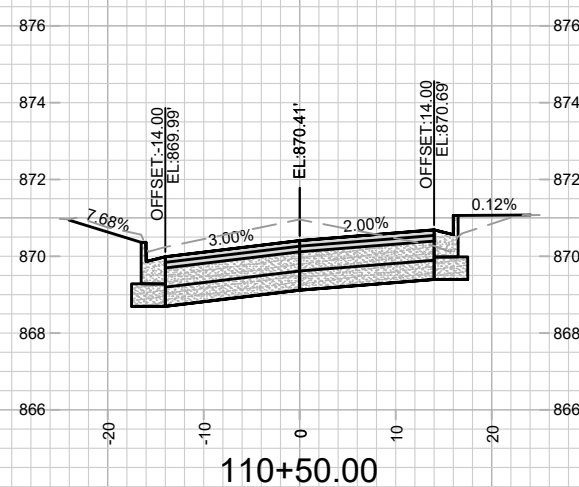
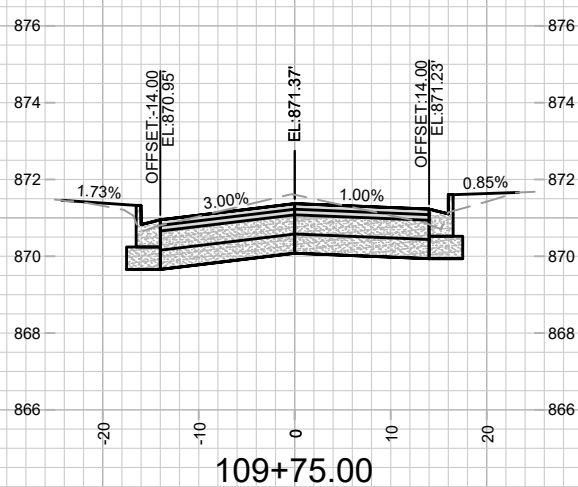
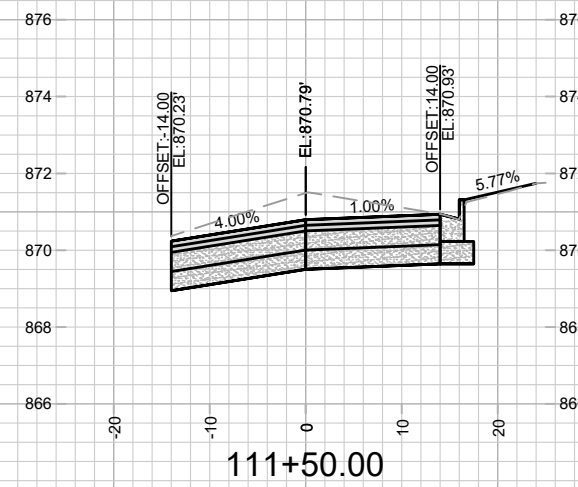
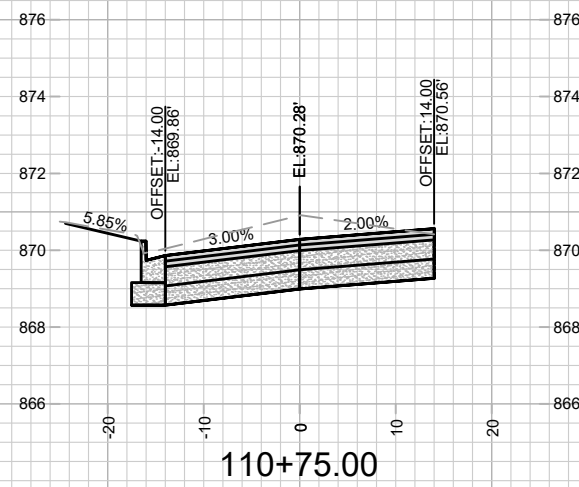
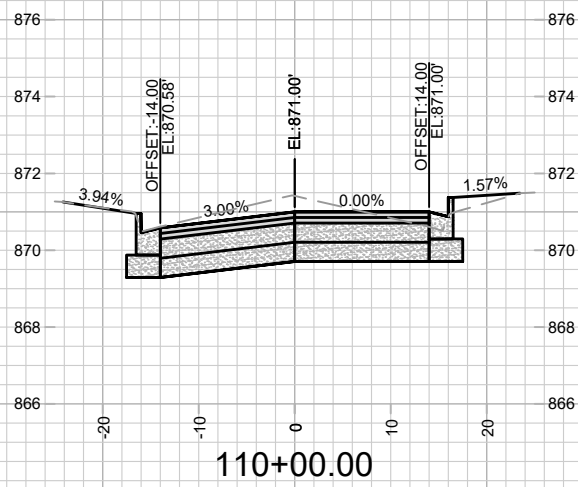
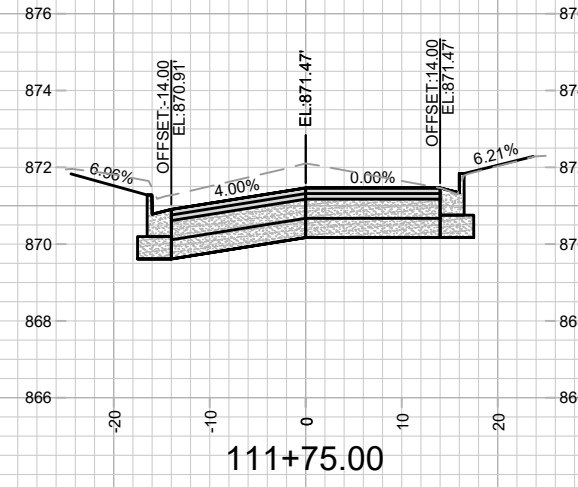
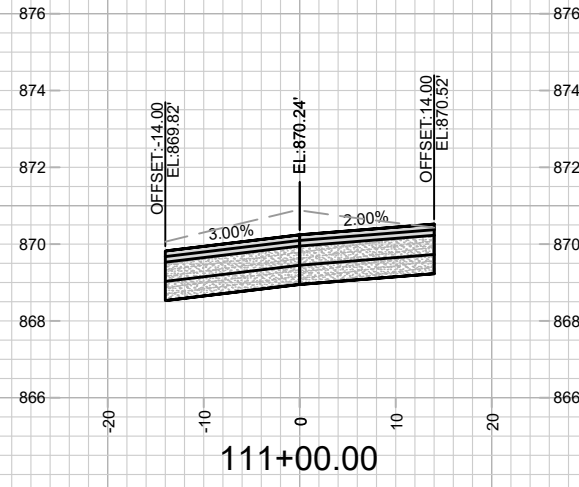
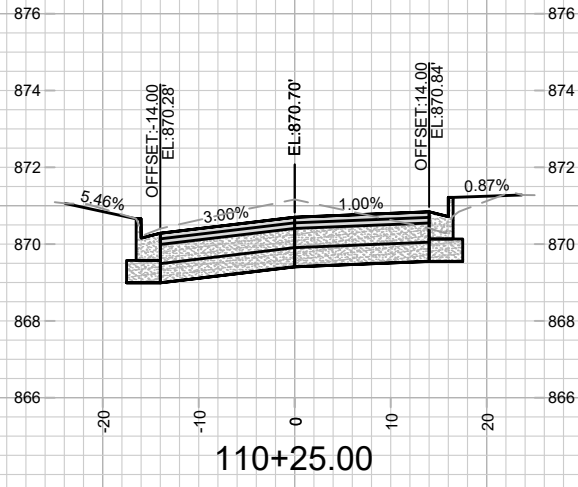


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13175	2/15/2022 11:08 PM		
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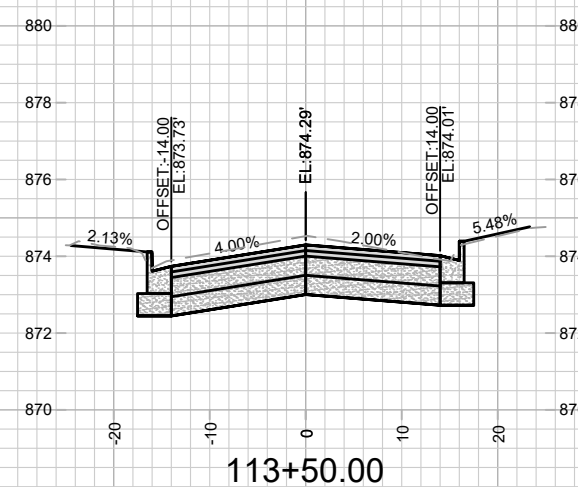
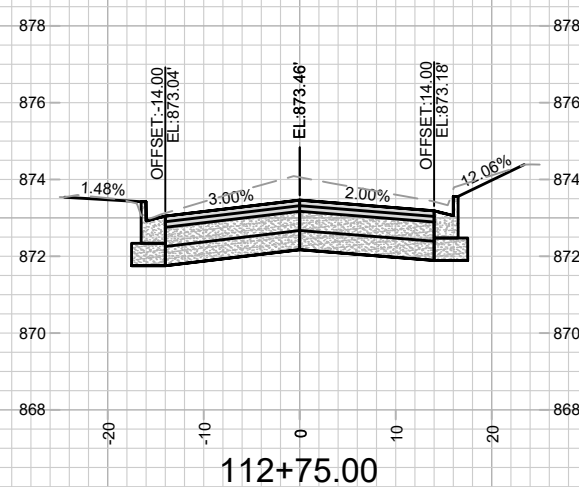
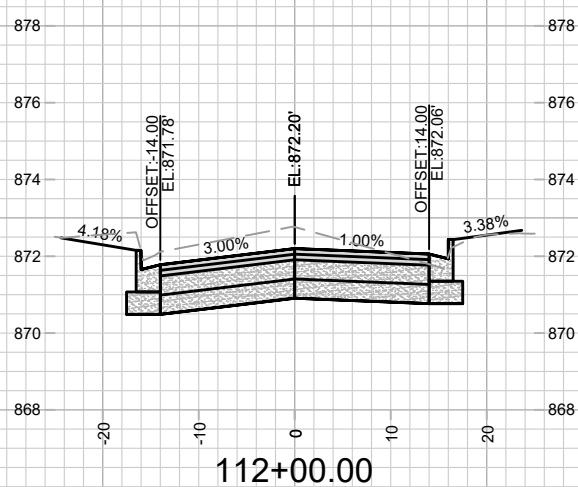
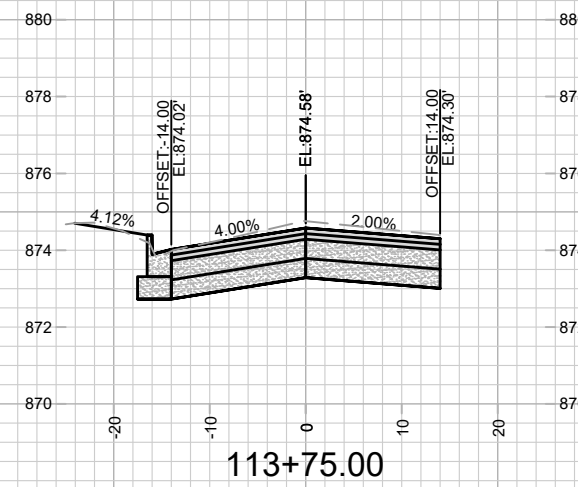
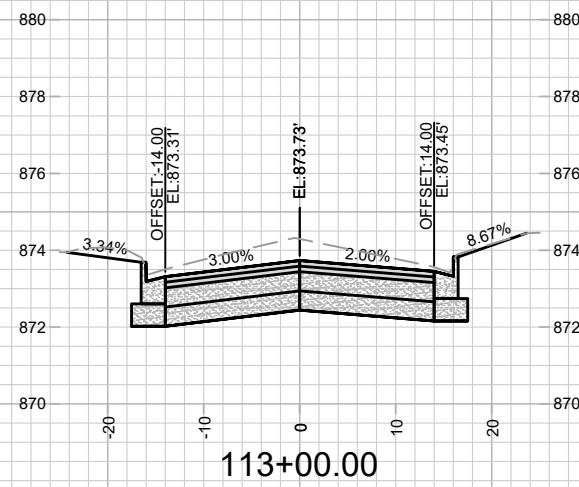
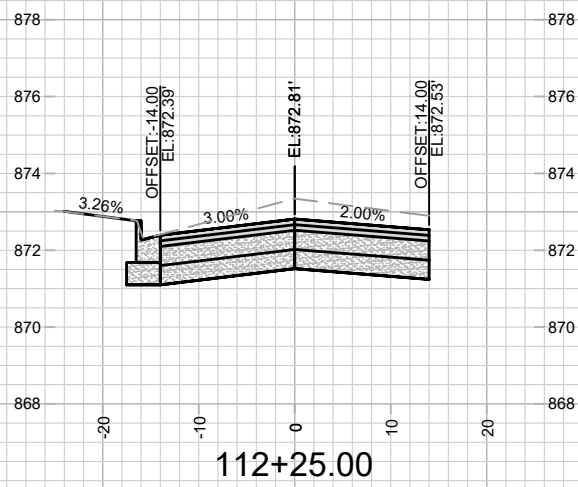
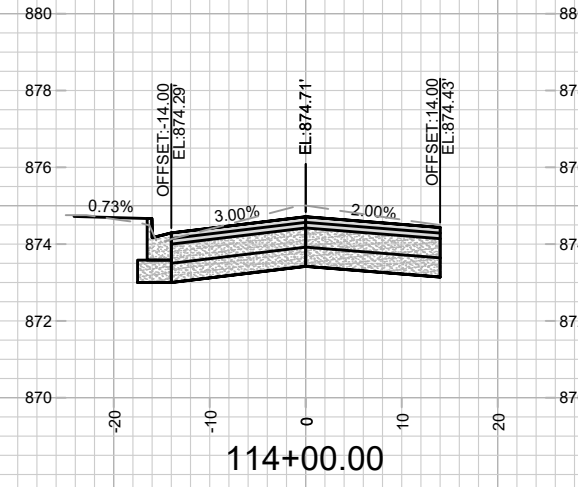
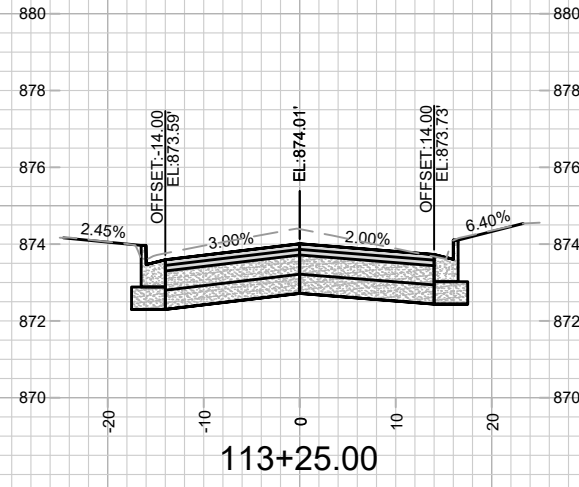
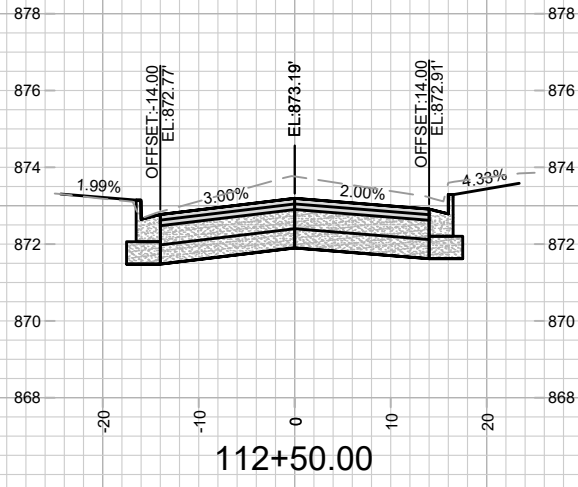
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CROSS SECTIONS - CRAIG AVENUE  
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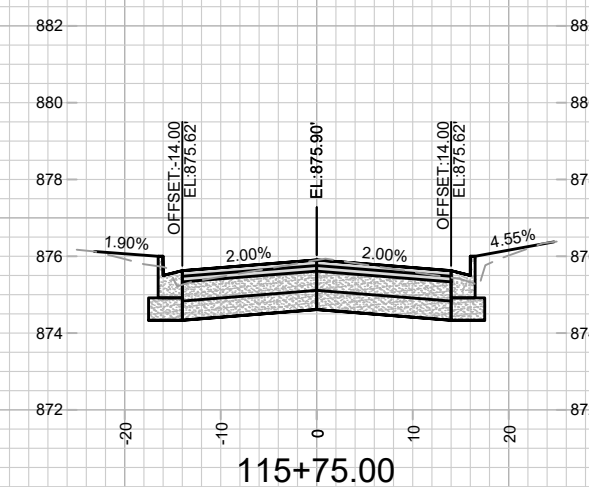
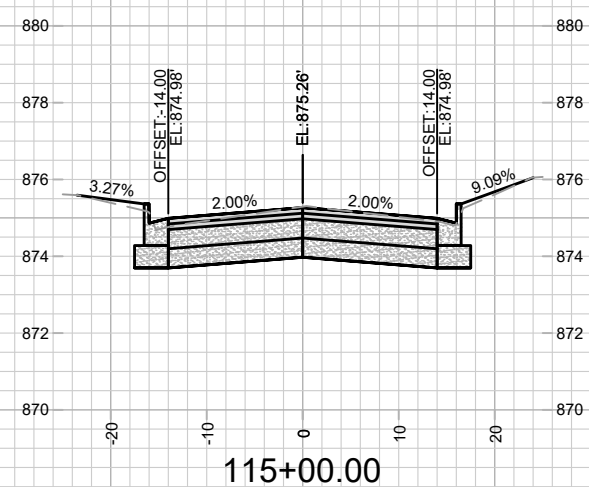
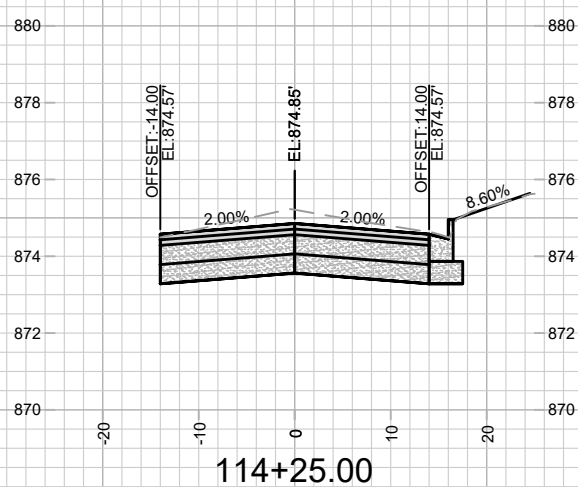
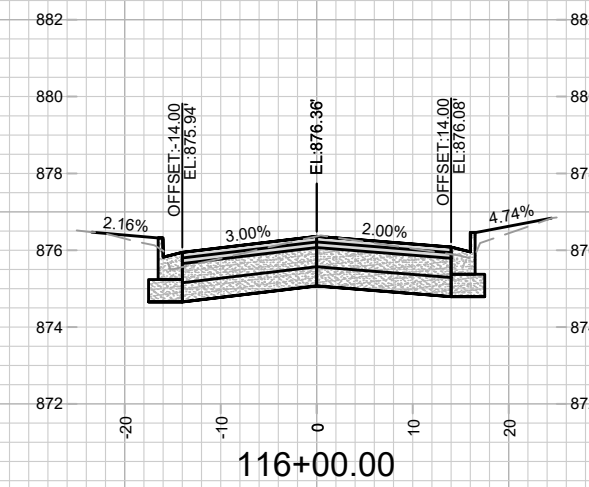
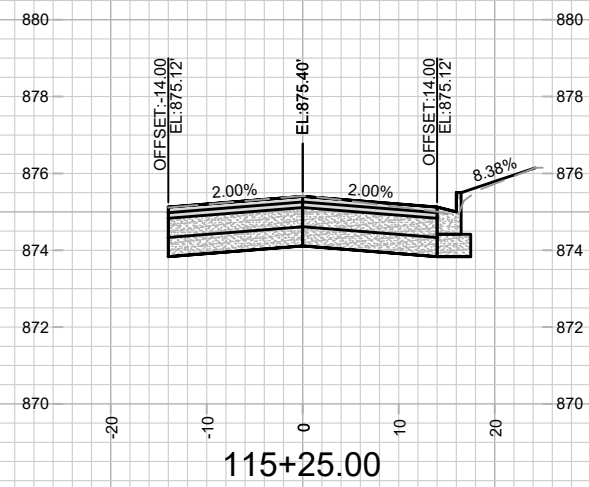
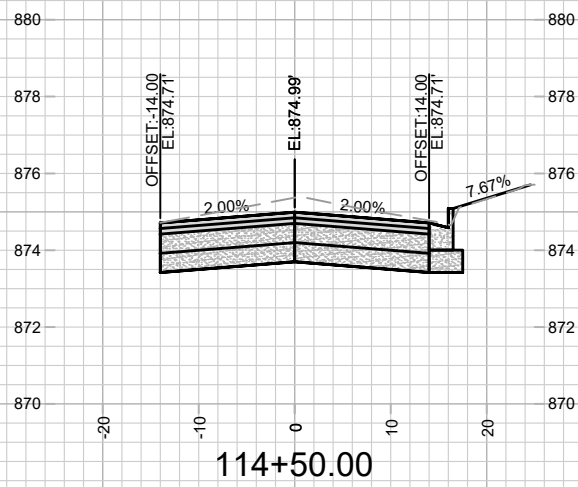
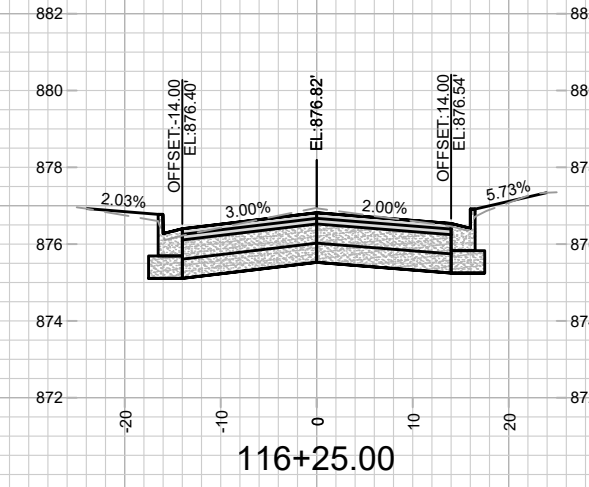
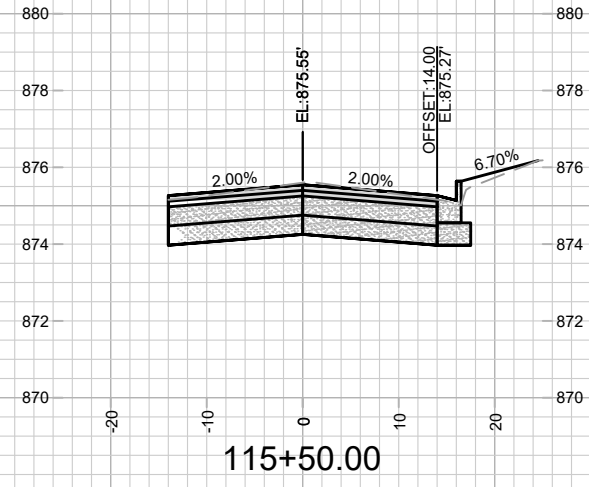
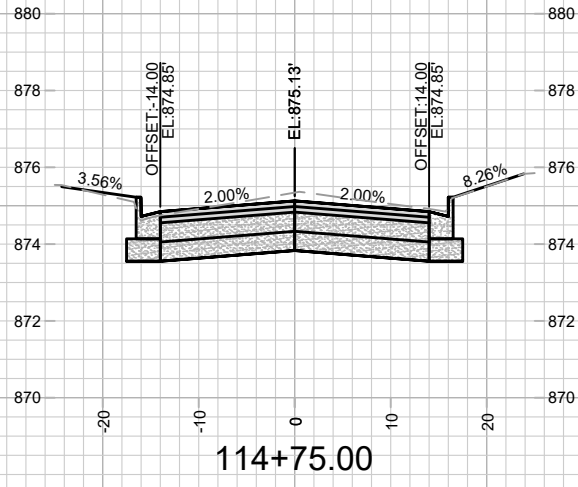
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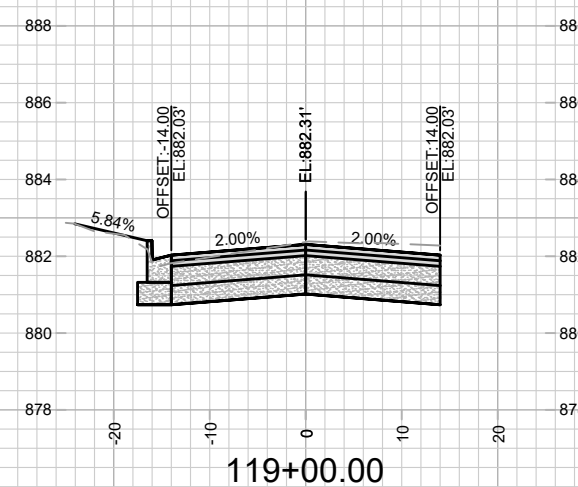
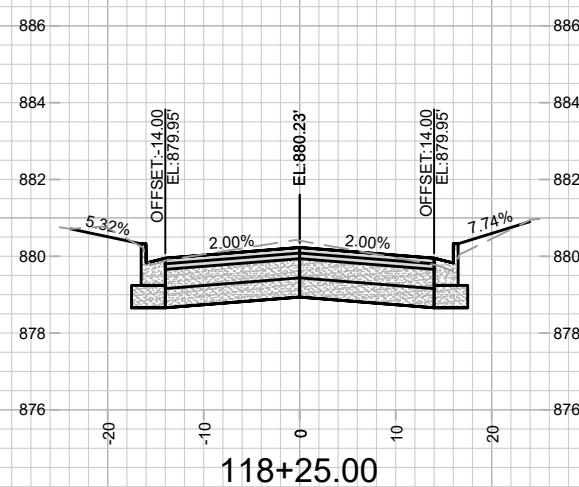
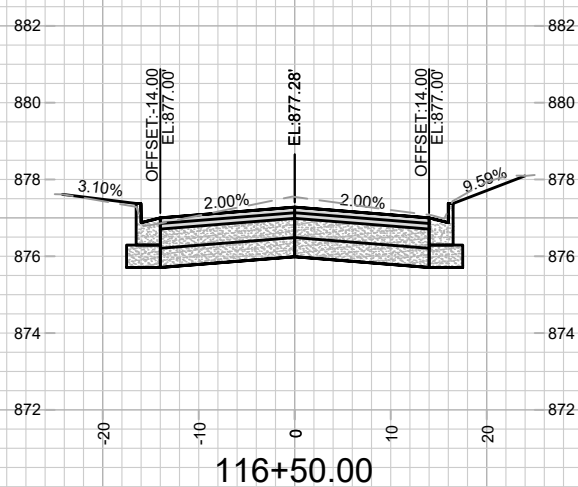
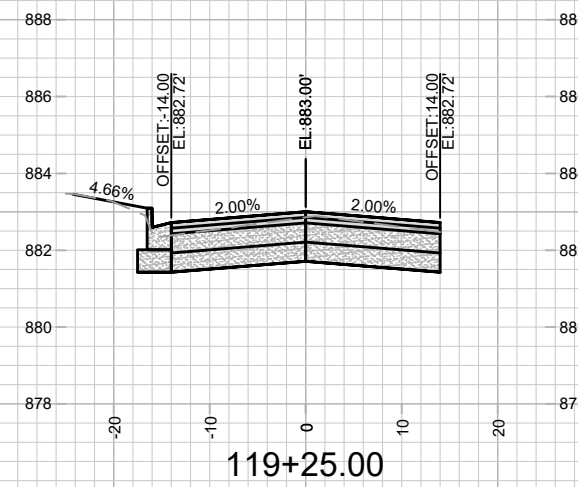
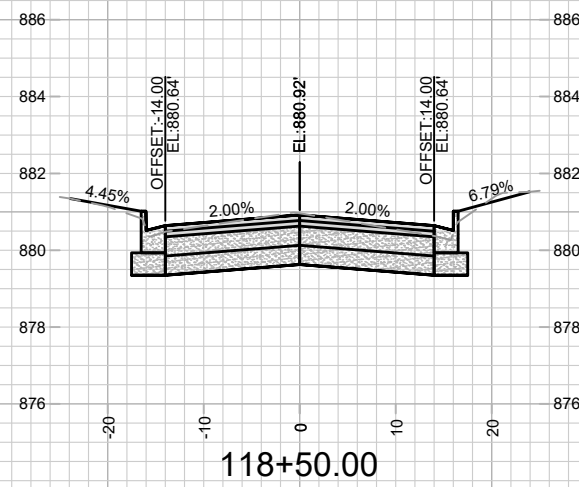
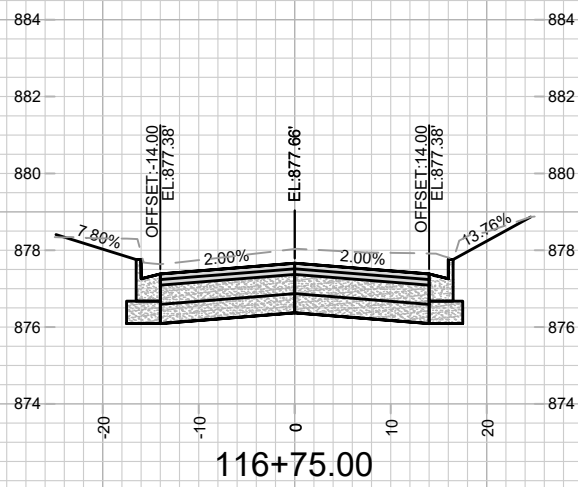
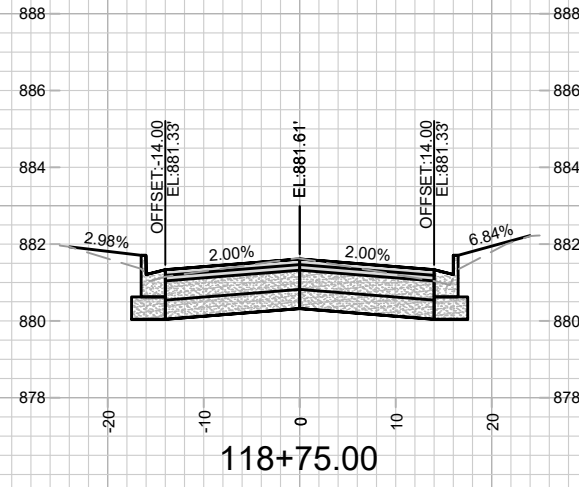
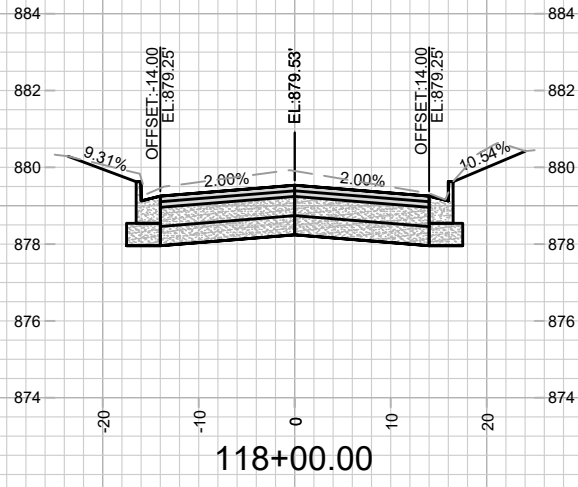


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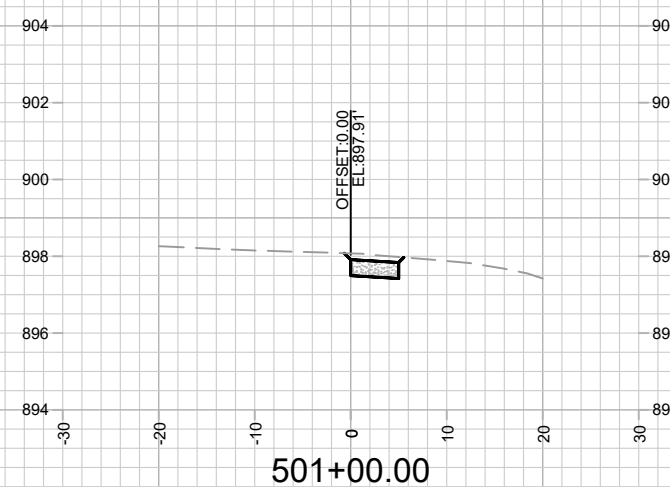
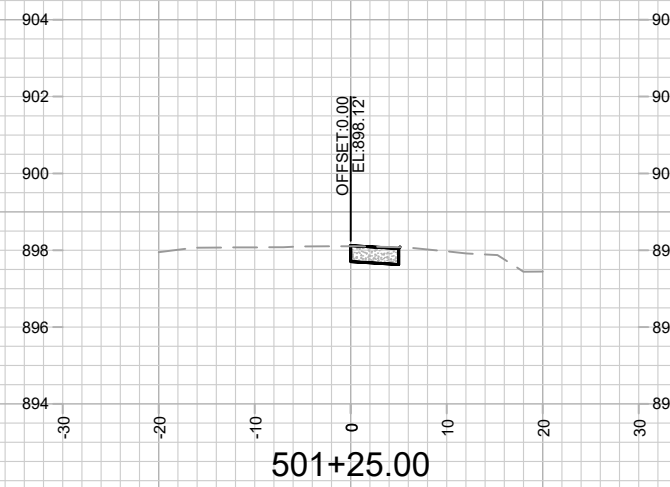
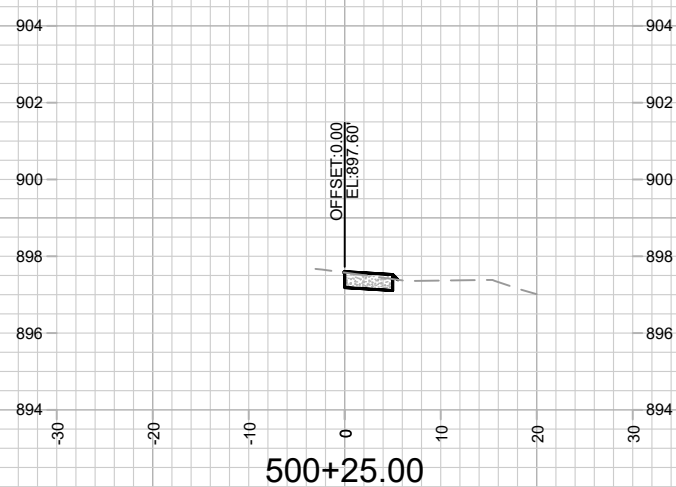
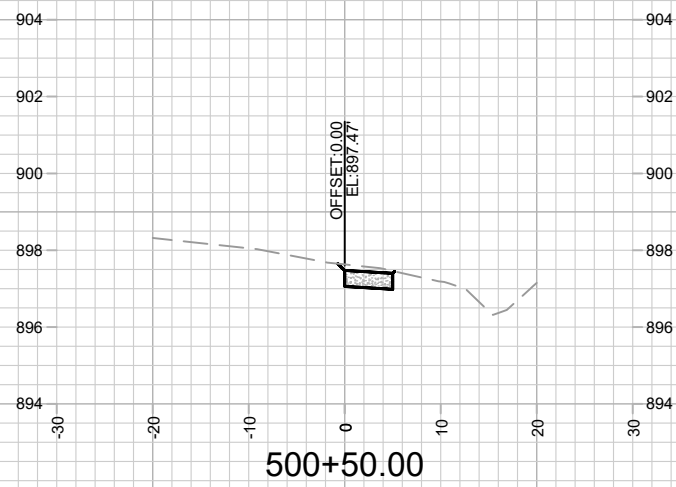
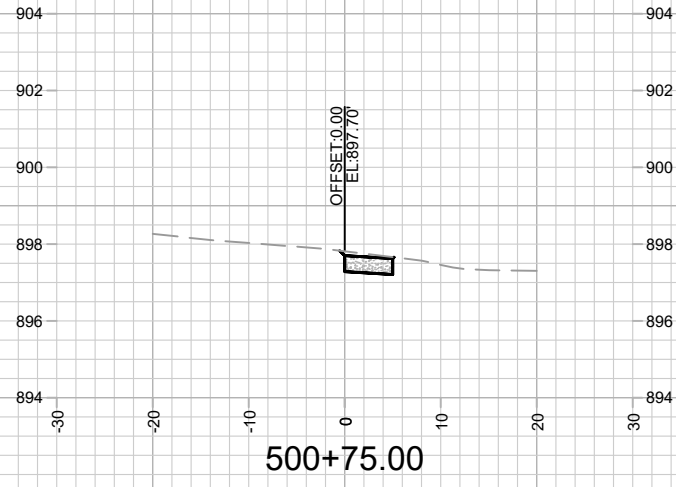


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