

Madison, Wisconsin

# CITY OF MADISON

## CITY ENGINEERING DIVISION

### DEPARTMENT OF PUBLIC WORKS

## PLAN OF PROPOSED IMPROVEMENT

## JOHN NOLEN PATH RECONSTRUCTION

CITY PROJECT NO. 53W1712

CONTRACT NO. 7254

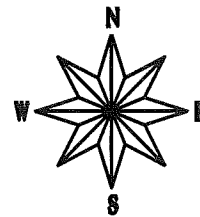
INDEX OF SHEETS

SHEET NO.	TITLE
1	TYPICAL SECTIONS
D-1	DETAILS
D-2	EROSION CONTROL PLAN
EC1-EC3	PATH PLAN & PROFILE
PI-P3	PAVEMENT MARKING PLAN
M-1	CROSS SECTIONS
XI-X5	

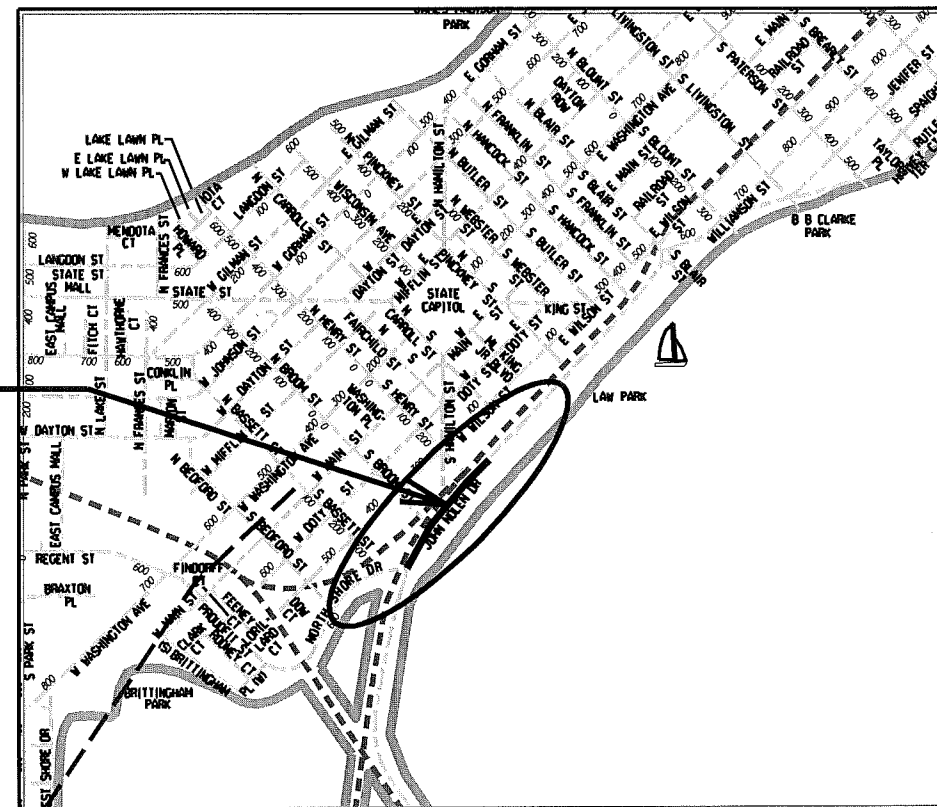
CONVENTIONAL SIGNS

FIELD VERIFY ALL UTILITY LOCATIONS

GAS	— G —
STORM SEWER	— ST —
SANITARY SEWER	— SAN —
WATER	— W —
OVERHEAD ELECTRIC	— OH —
POWER POLE	⊕



PROJECT LOCATION



EARTHWORK SUMMARY

UNCLASSIFIED EXCAVATION	537 CY	(PLAN QUANTITY)
ESTIMATED UNDERCUT (EBS)	233 CY	
EXCAVATION CUT	770 CY	(PROPOSAL QTY.)
ADJUSTED FILL (RAW x 1.15)	25 CY	
WASTE	512 CY	

PUBLIC IMPROVEMENT PROJECT APPROVED

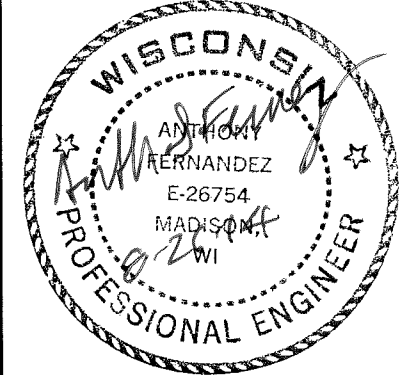
JULY 1, 2014

BY THE COMMON COUNCIL  
OF MADISON, WISCONSIN

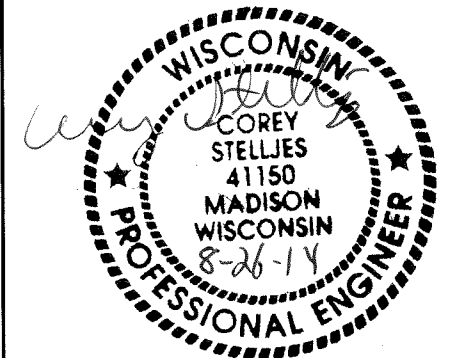
PUBLIC IMPROVEMENT DESIGN  
APPROVED BY:

*[Signature]* 9/8/14  
City Engineer Date

PATH AND STREET GRADES  
DESIGNED BY:



STORM SEWER  
DESIGNED BY:



PAVEMENT MARKING  
DESIGNED BY:



PLOT SCALE:

PLOT NAME:

REV. DATE:

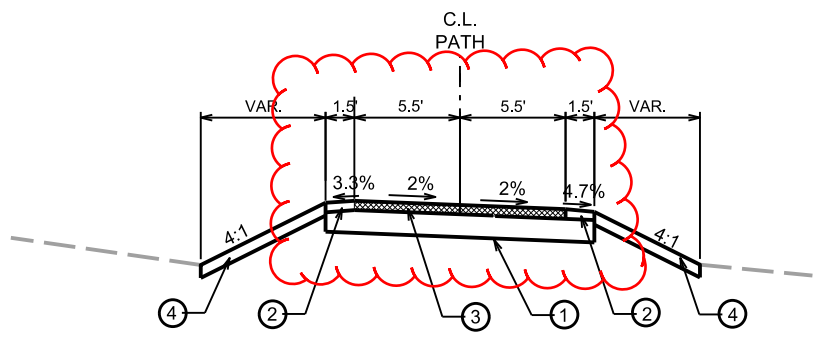
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

LEGEND

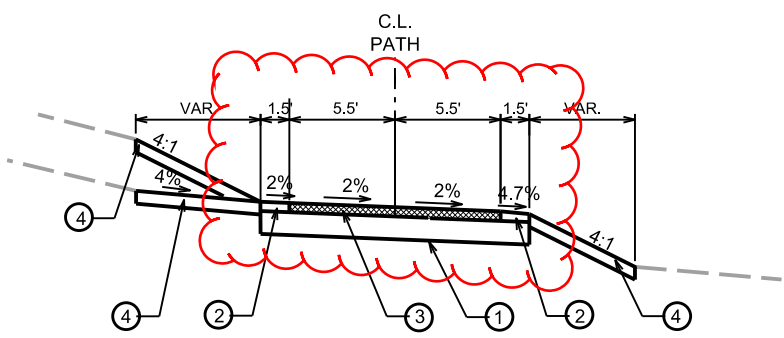
- ① 8" CRUSHED AGGREGATE BASE COURSE, GRAD. NO. 2
- ② 3" CRUSHED LIMESTONE SHOULDER
- ③ 3" HMA PAVEMENT TYPE E-0.3(SEE NOTE 1)
- ④ 4" TOPSOIL, SEED AND MATTING CL 1 TY URBAN A
- ⑤ STAMPED & COLORED ASPHALT SURFACE (SEE NOTE 3)

NOTES

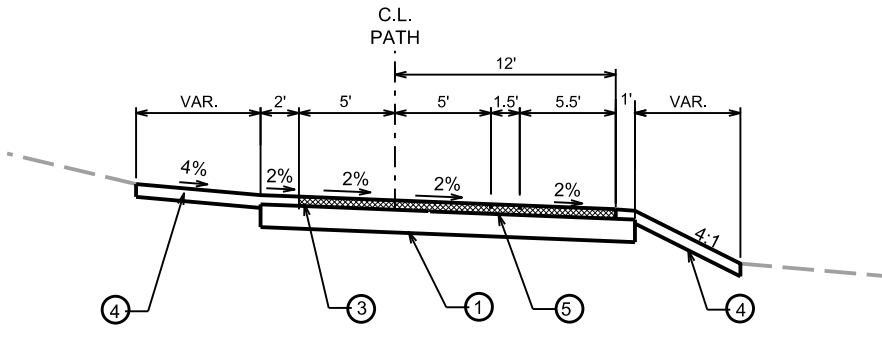
1. CONSTRUCT HMA PAVEMENTS AS FOLLOWS:
- | TYPE      | LAYER       | THICK | NOM. AGG SIZE |
|-----------|-------------|-------|---------------|
| 5.25" E-3 | UPPER       | 1.75" | 12.5          |
|           | LOWER       | 3.5"  | 19            |
| 3" E-0.3  | SINGLE LIFT | 3.0"  | 12.5          |
2. 5.25" PAVEMENT SHALL BE USED FOR CURB REPLACEMENT IN JOHN NOLEN DRIVE. SEE DETAIL SHEETS.
  3. WIDTH OF STAMPED ASPHALT IS NOMINAL, AND MAY VARY +/- 2" LEFT EDGE SHALL BE OFFSET 5.0' FROM R.L. ANY VARIATION SHALL BE APPLIED TO THE RIGHT EDGE. SEE DETAILS.



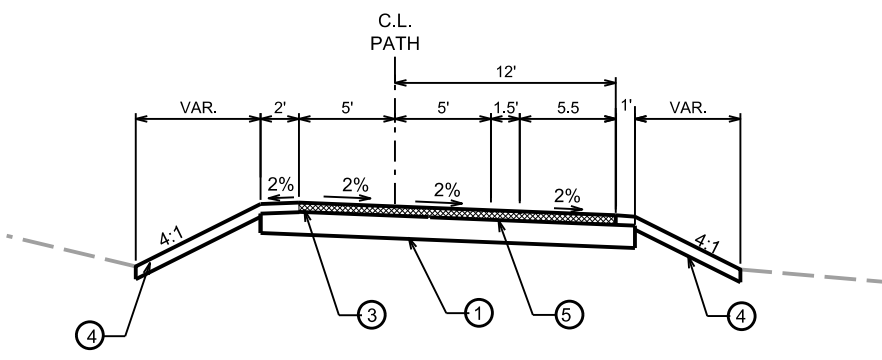
PROPOSED TYPICAL SECTION  
 PATH STA 3+25 TO STA 4+75



PROPOSED TYPICAL SECTION  
 PATH STA 0+36 TO STA 3+00  
 STA 5+00 TO STA 6+00



PROPOSED TYPICAL SECTION  
 PATH STA 6+25 TO STA 7+00  
 PATH STA 8+50 TO STA 8+75



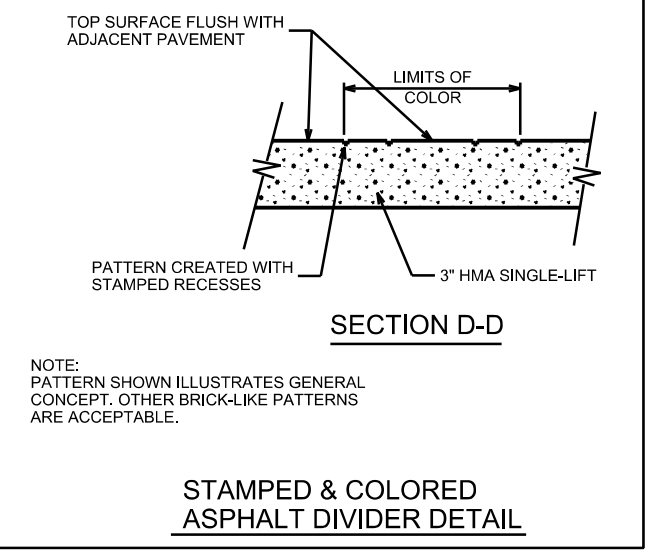
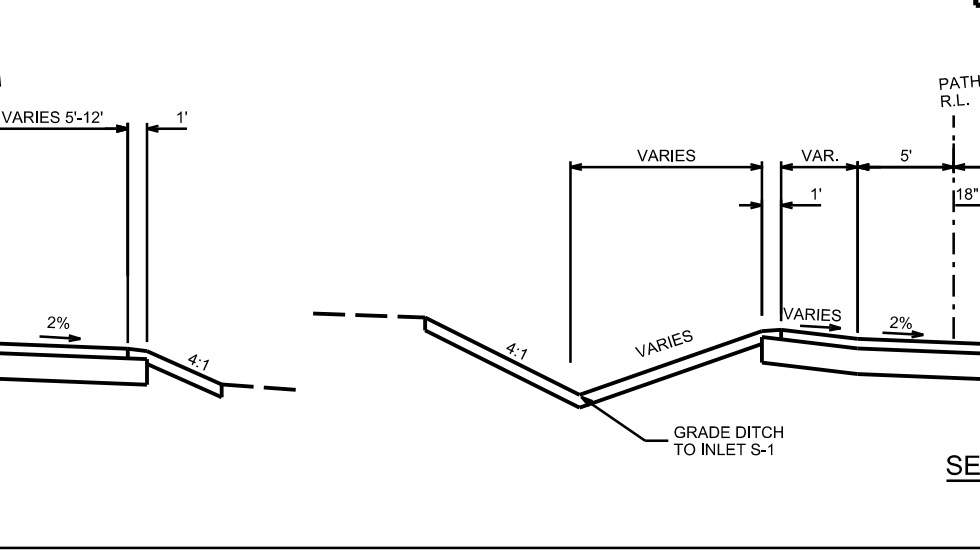
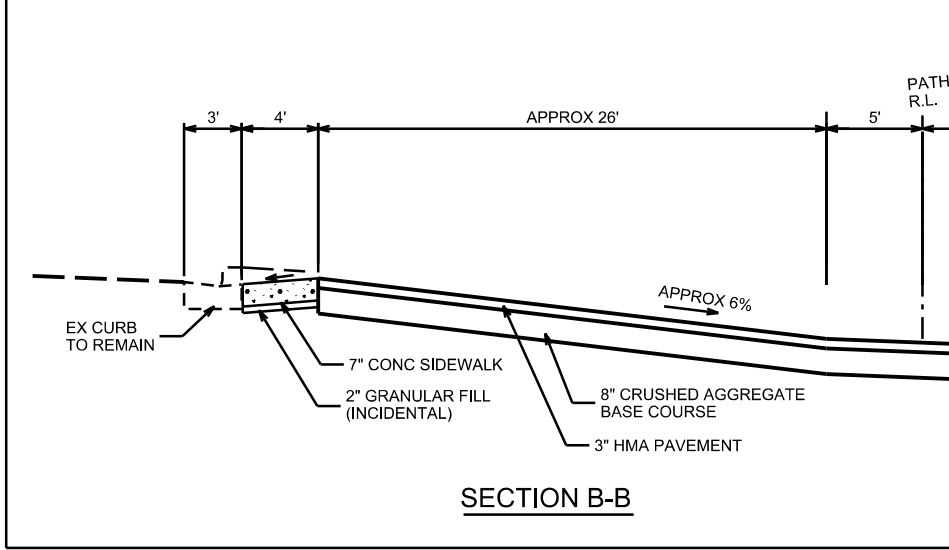
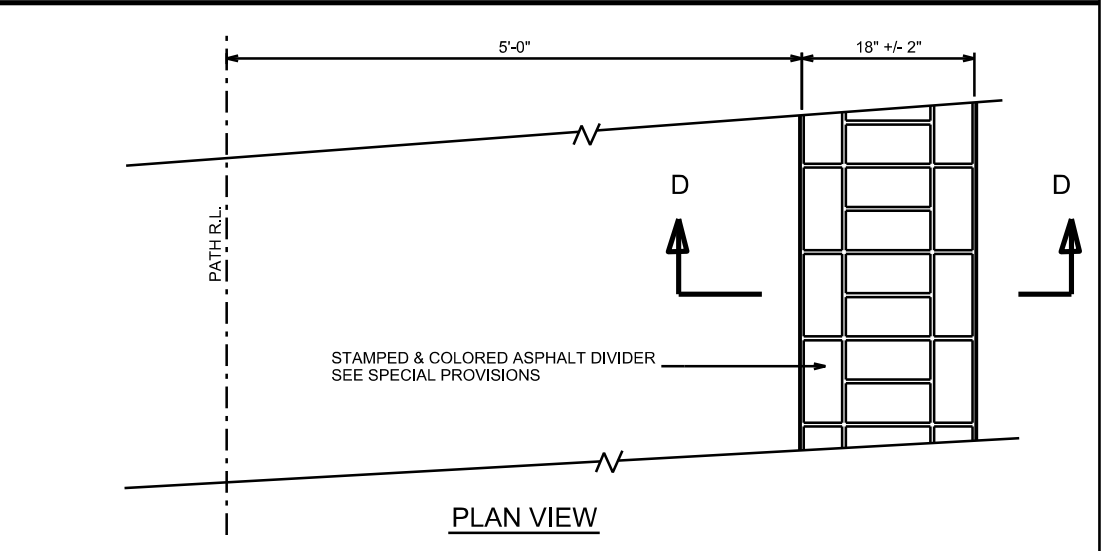
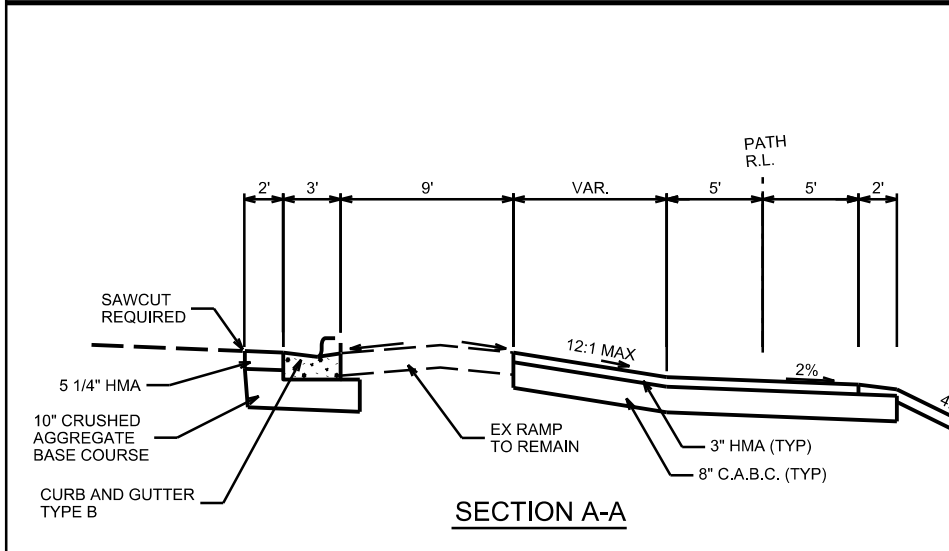
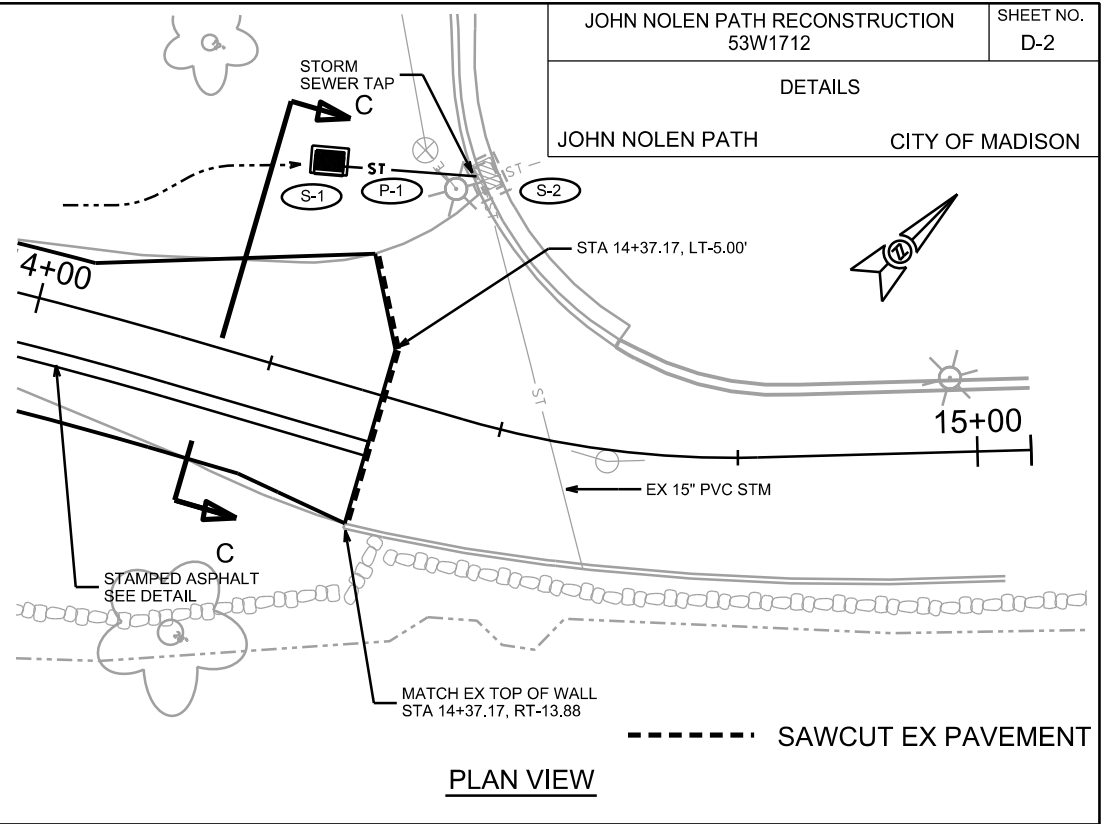
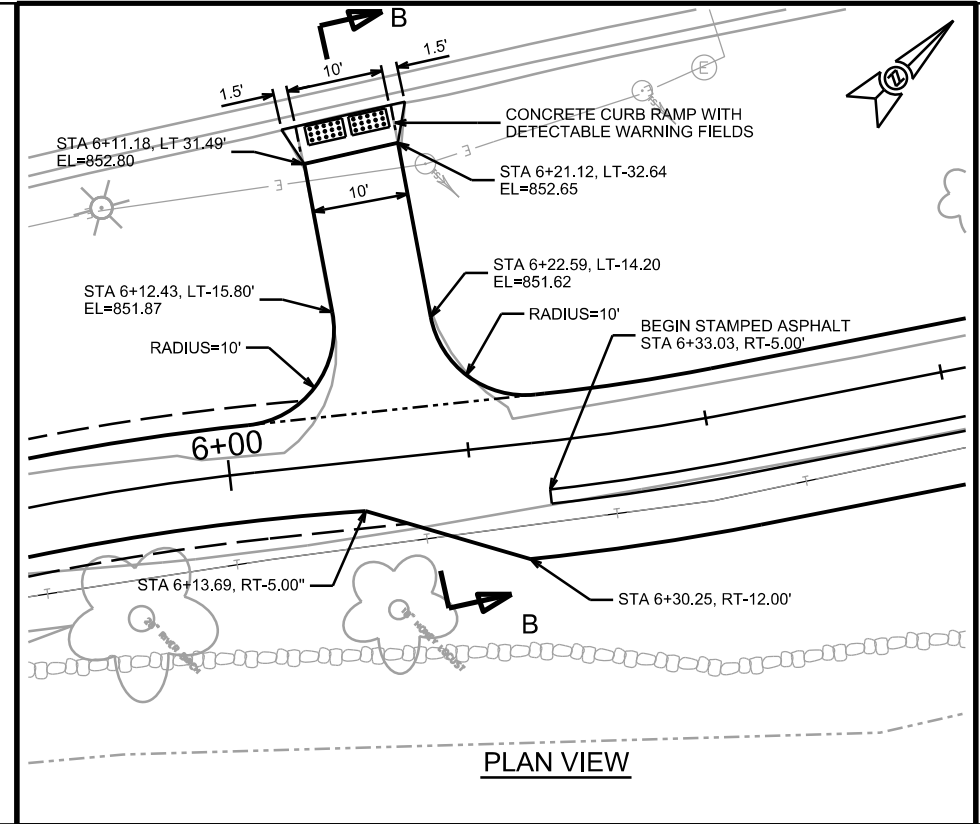
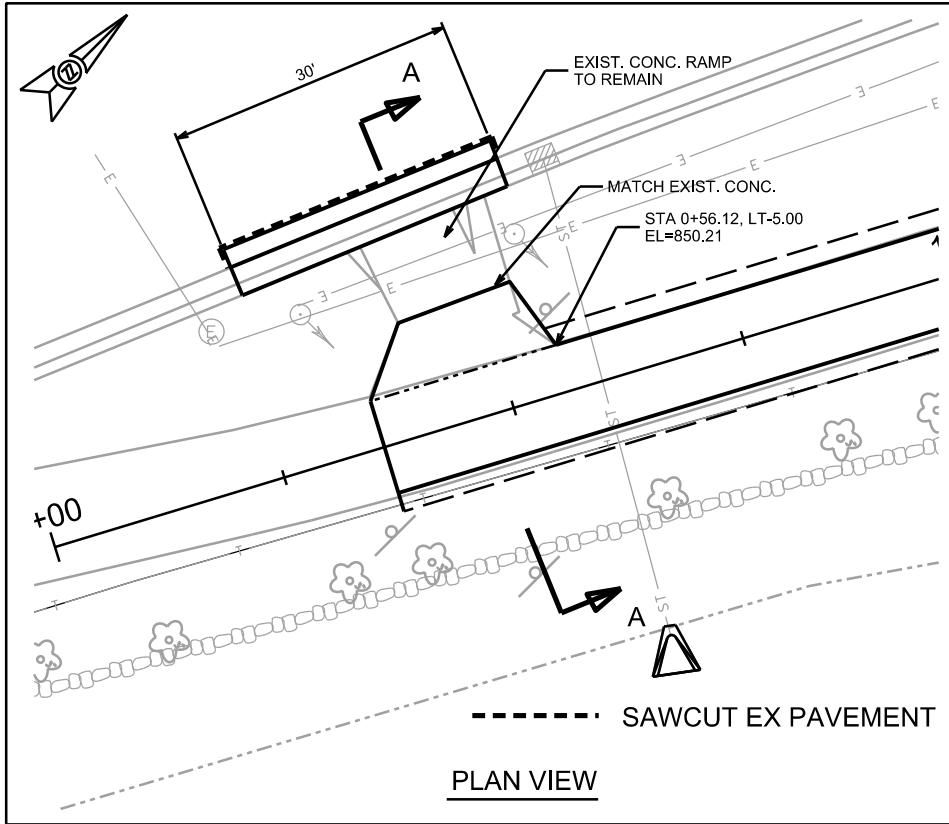
PROPOSED TYPICAL SECTION  
 PATH STA 7+25 TO STA 8+25  
 PATH STA 9+00 TO STA 14+37

PLOT SCALE: \_\_\_\_\_

PLOT NAME: \_\_\_\_\_

REV. DATE: \_\_\_\_\_

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



PLOT SCALE: \_\_\_\_\_

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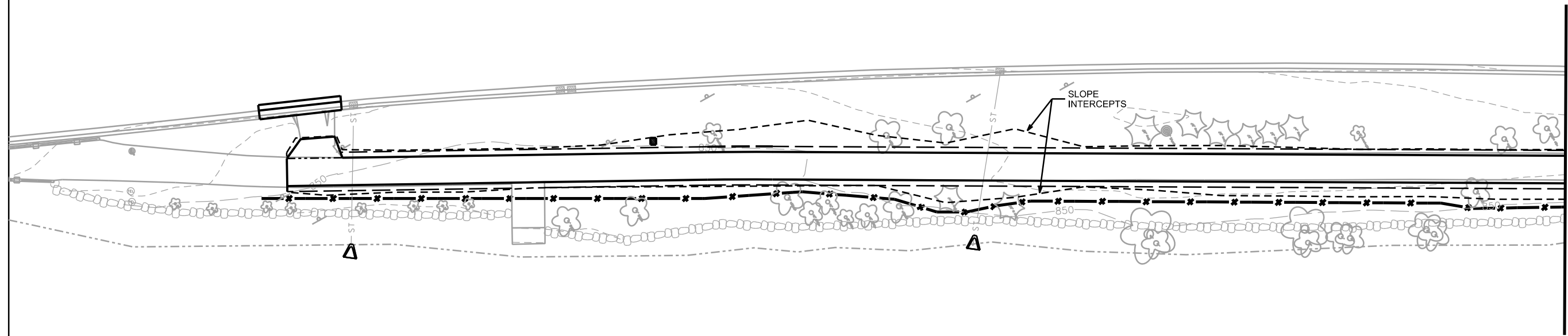
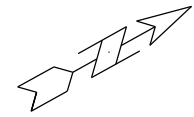
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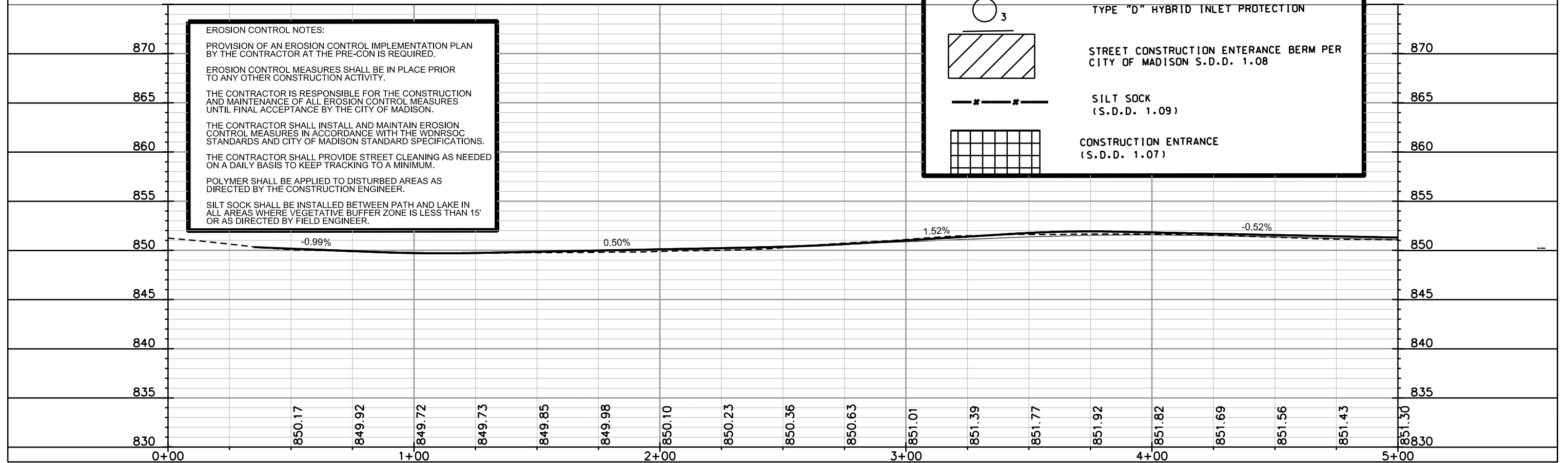
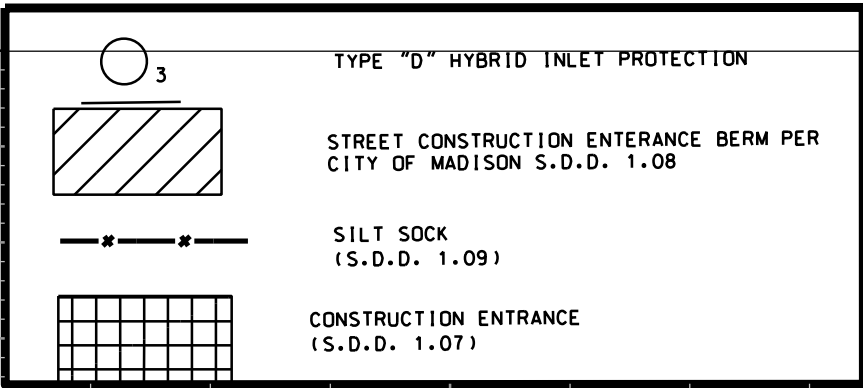
EROSION CONTROL PLAN

JOHN NOLEN PATH

CITY OF MADISON



**EROSION CONTROL NOTES:**  
 PROVISION OF AN EROSION CONTROL IMPLEMENTATION PLAN BY THE CONTRACTOR AT THE PRE-CON IS REQUIRED.  
 EROSION CONTROL MEASURES SHALL BE IN PLACE PRIOR TO ANY OTHER CONSTRUCTION ACTIVITY.  
 THE CONTRACTOR IS RESPONSIBLE FOR THE CONSTRUCTION AND MAINTENANCE OF ALL EROSION CONTROL MEASURES UNTIL FINAL ACCEPTANCE BY THE CITY OF MADISON.  
 THE CONTRACTOR SHALL INSTALL AND MAINTAIN EROSION CONTROL MEASURES IN ACCORDANCE WITH THE WDNR SOC STANDARDS AND CITY OF MADISON STANDARD SPECIFICATIONS.  
 THE CONTRACTOR SHALL PROVIDE STREET CLEANING AS NEEDED ON A DAILY BASIS TO KEEP TRACKING TO A MINIMUM.  
 POLYMER SHALL BE APPLIED TO DISTURBED AREAS AS DIRECTED BY THE CONSTRUCTION ENGINEER.  
 SILT SOCK SHALL BE INSTALLED BETWEEN PATH AND LAKE IN ALL AREAS WHERE VEGETATIVE BUFFER ZONE IS LESS THAN 15' OR AS DIRECTED BY FIELD ENGINEER.

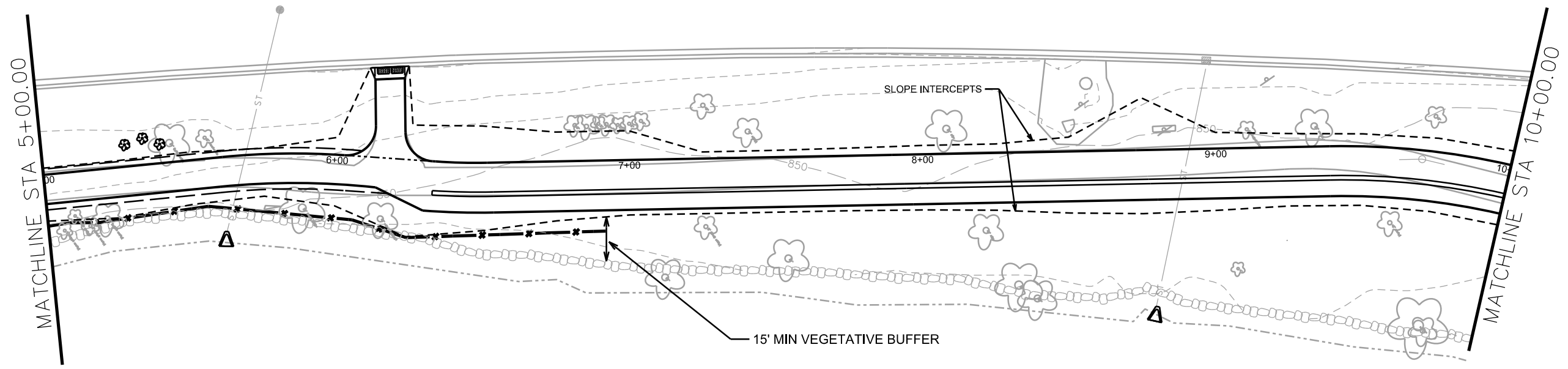
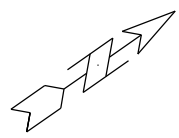


PLOT SCALE: \_\_\_\_\_

PLOT NAME: \_\_\_\_\_

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ORIGINATOR: CITY OF MADISON, STREETS DIVISION



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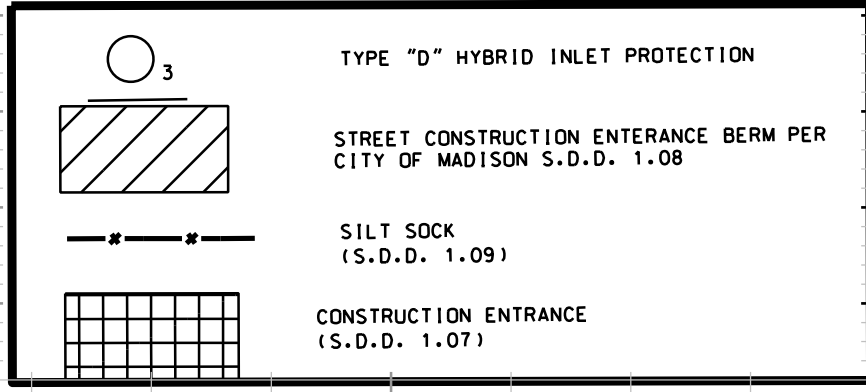
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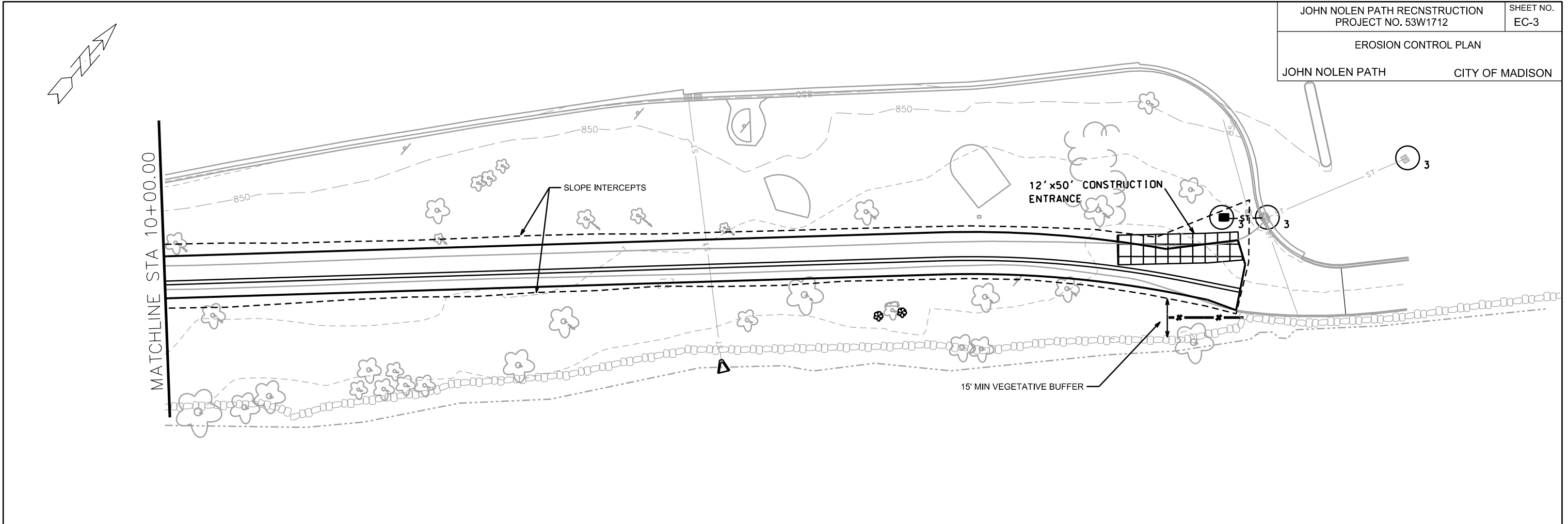


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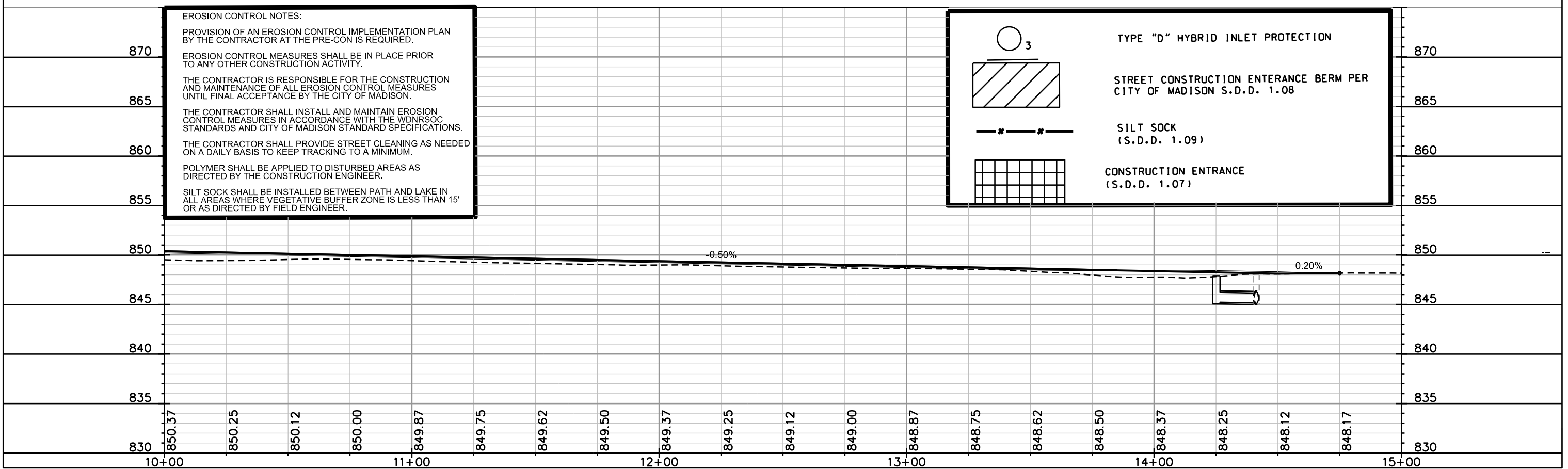
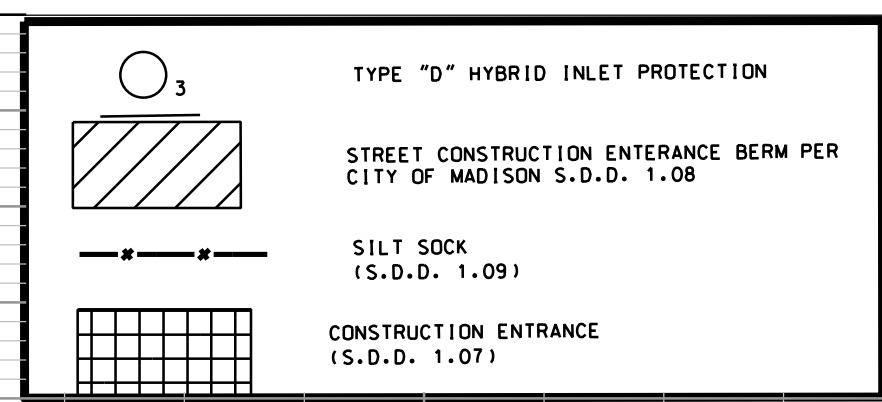
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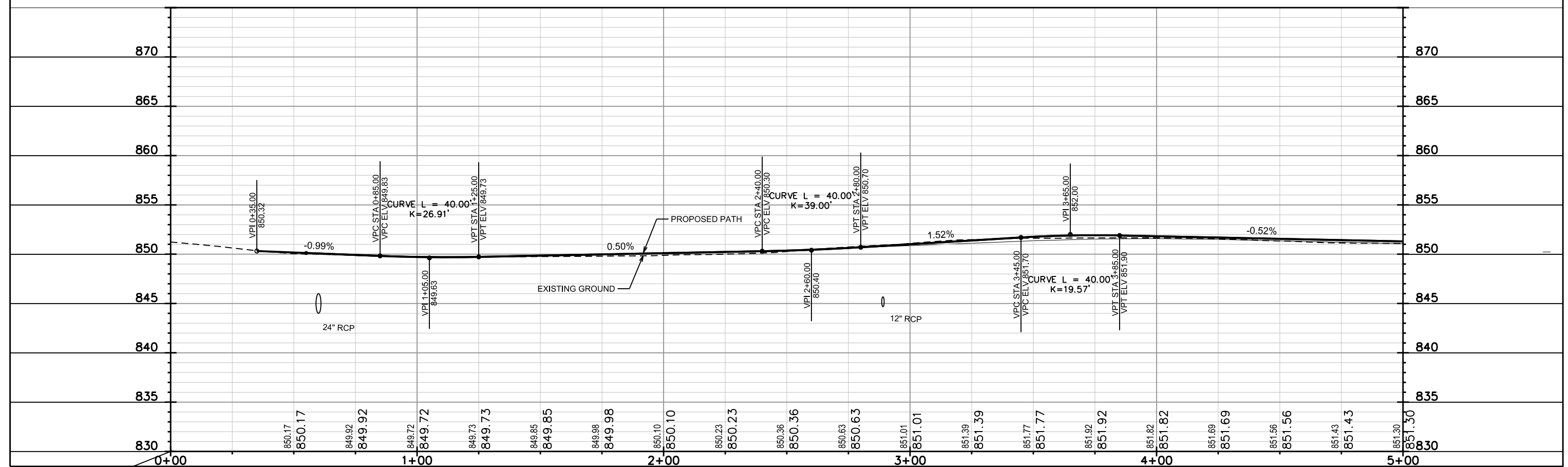
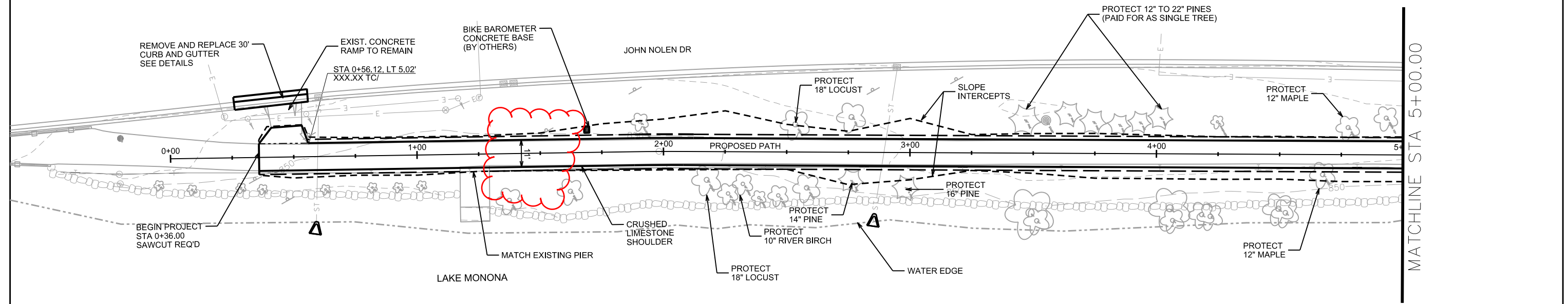
PLOT NAME: \_\_\_\_\_

REV. DATE: \_\_\_\_\_

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

CURVE NO. 1  
PI STA 1+98.15  
N 480091.29  
E 820885.66  
R=1000.00  
I = 1'08'47"  
L = 20.00  
PC STA 1+88.15  
PT STA 2+08.15

POT STA 0+00.00  
N 479916.55  
E 820792.23

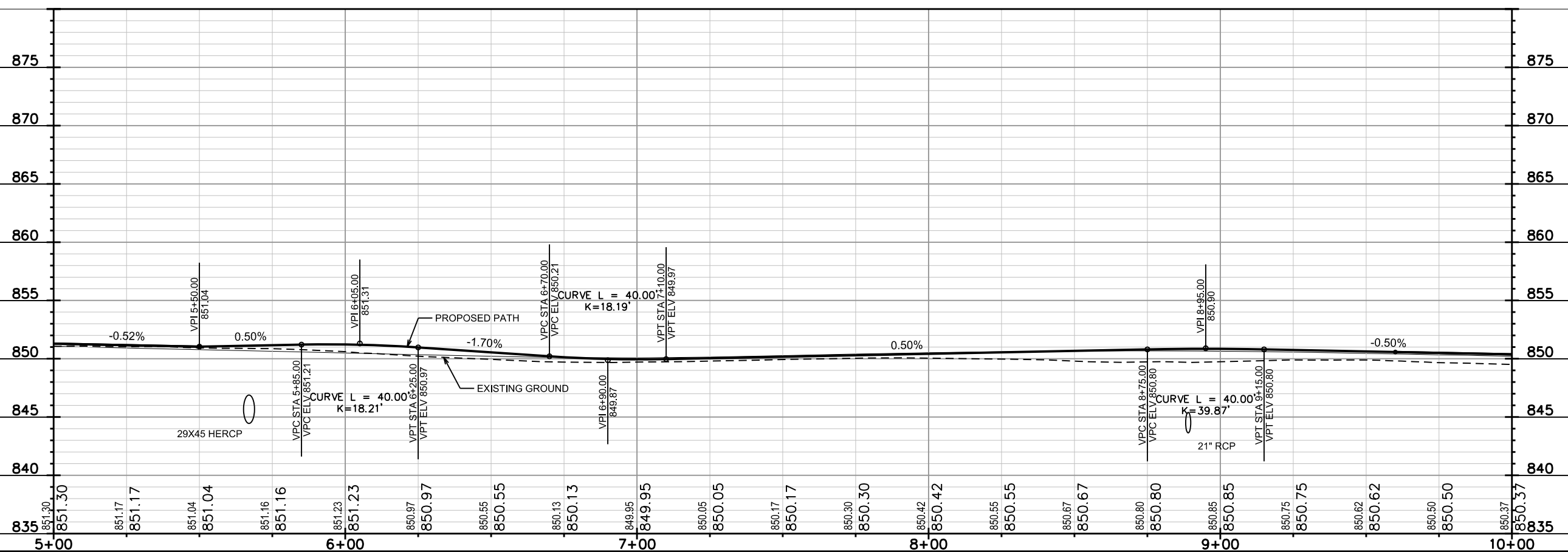
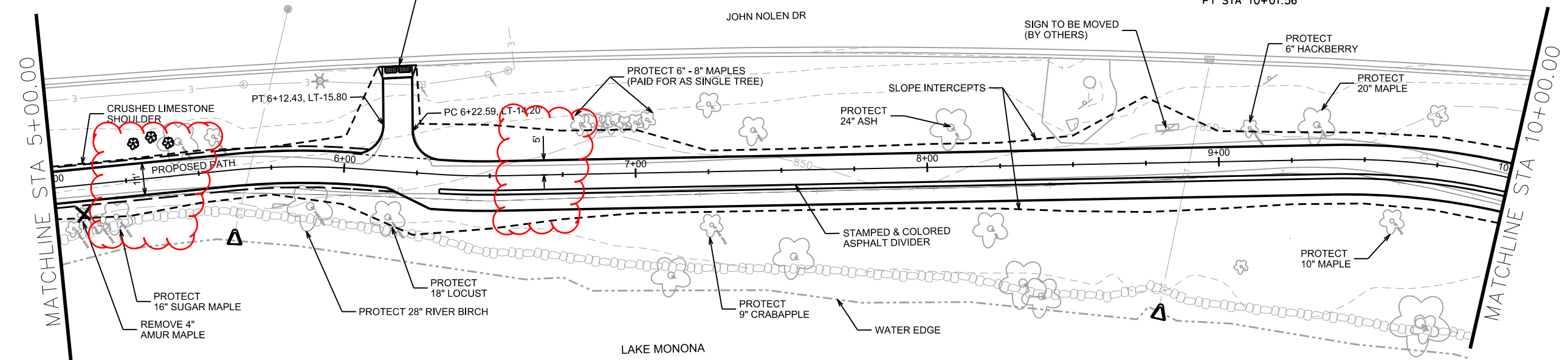


PLOT SCALE: \_\_\_\_\_  
PLOT NAME: \_\_\_\_\_  
REV. DATE: \_\_\_\_\_  
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

CURVE NO. 2  
 PI STA 5+81.66  
 N 480425.81  
 E 821073.22  
 R=250.00  
 I = 9°37'39"  
 L = 42.01  
 PC STA 5+60.61  
 PT STA 6+02.61

CURVE NO. 3  
 PI STA 6+42.57  
 N 480473.29  
 E 821111.53  
 R=250.00  
 I = 5°01'19"  
 L = 21.91  
 PC STA 6+31.61  
 PT STA 6+53.52

CURVE NO. 4  
 PI STA 9+70.43  
 N 480745.48  
 E 821294.33  
 R=250.00  
 I = 14°20'42"  
 L = 62.59  
 PC STA 9+38.97  
 PT STA 10+01.56



PLOT SCALE: \_\_\_\_\_

PLOT NAME: \_\_\_\_\_

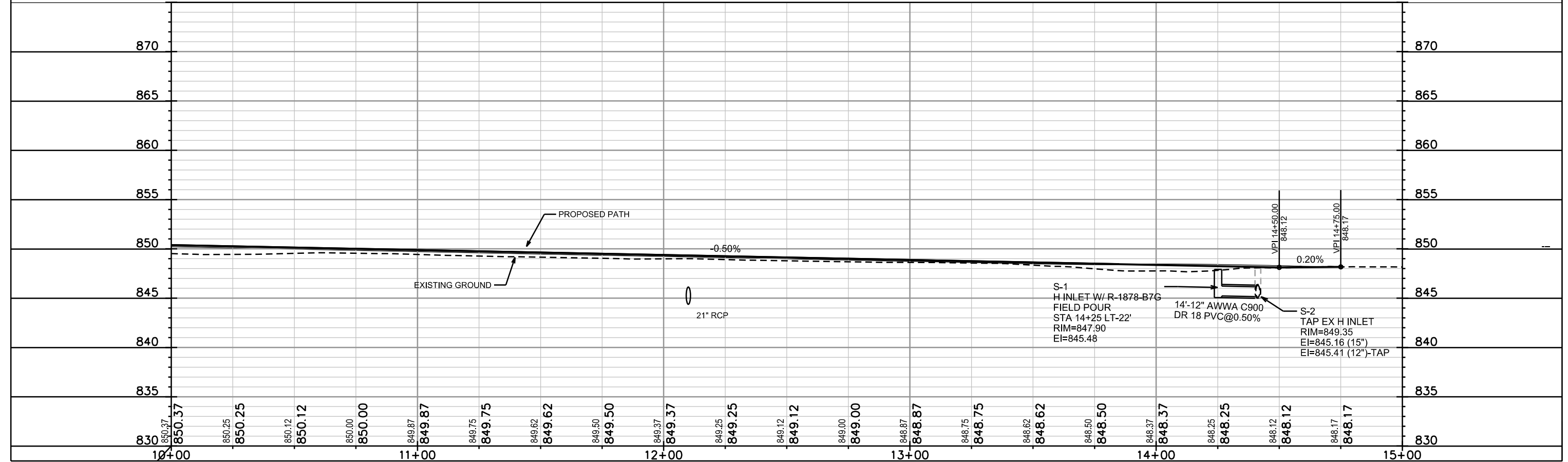
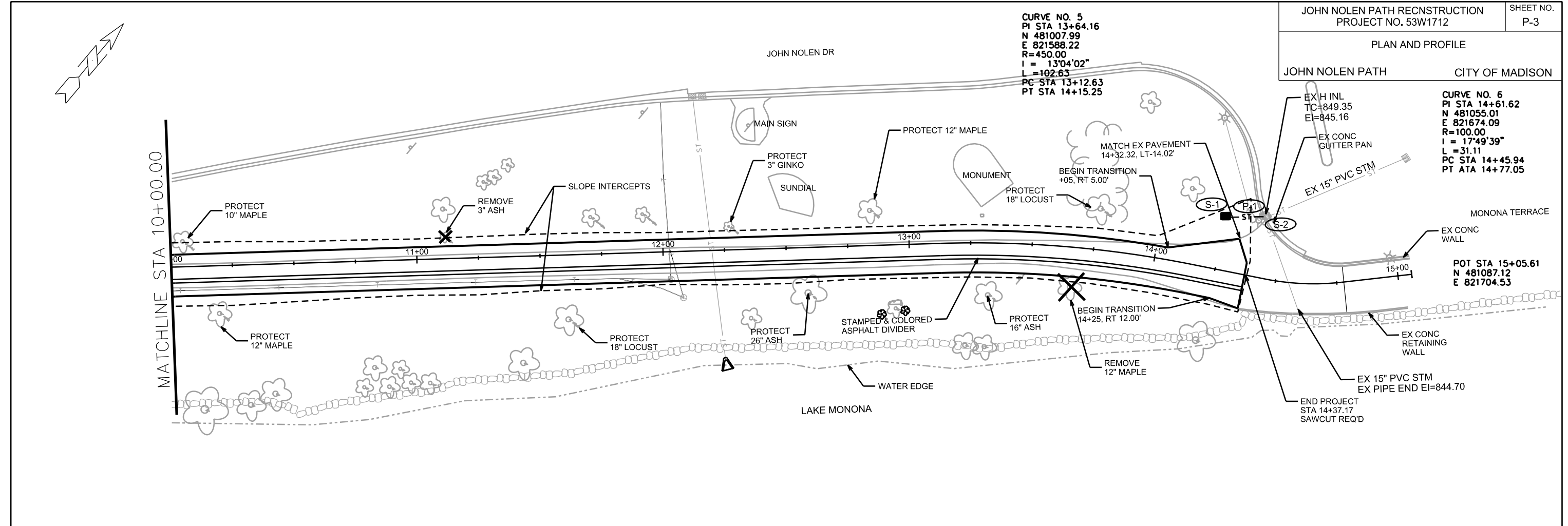
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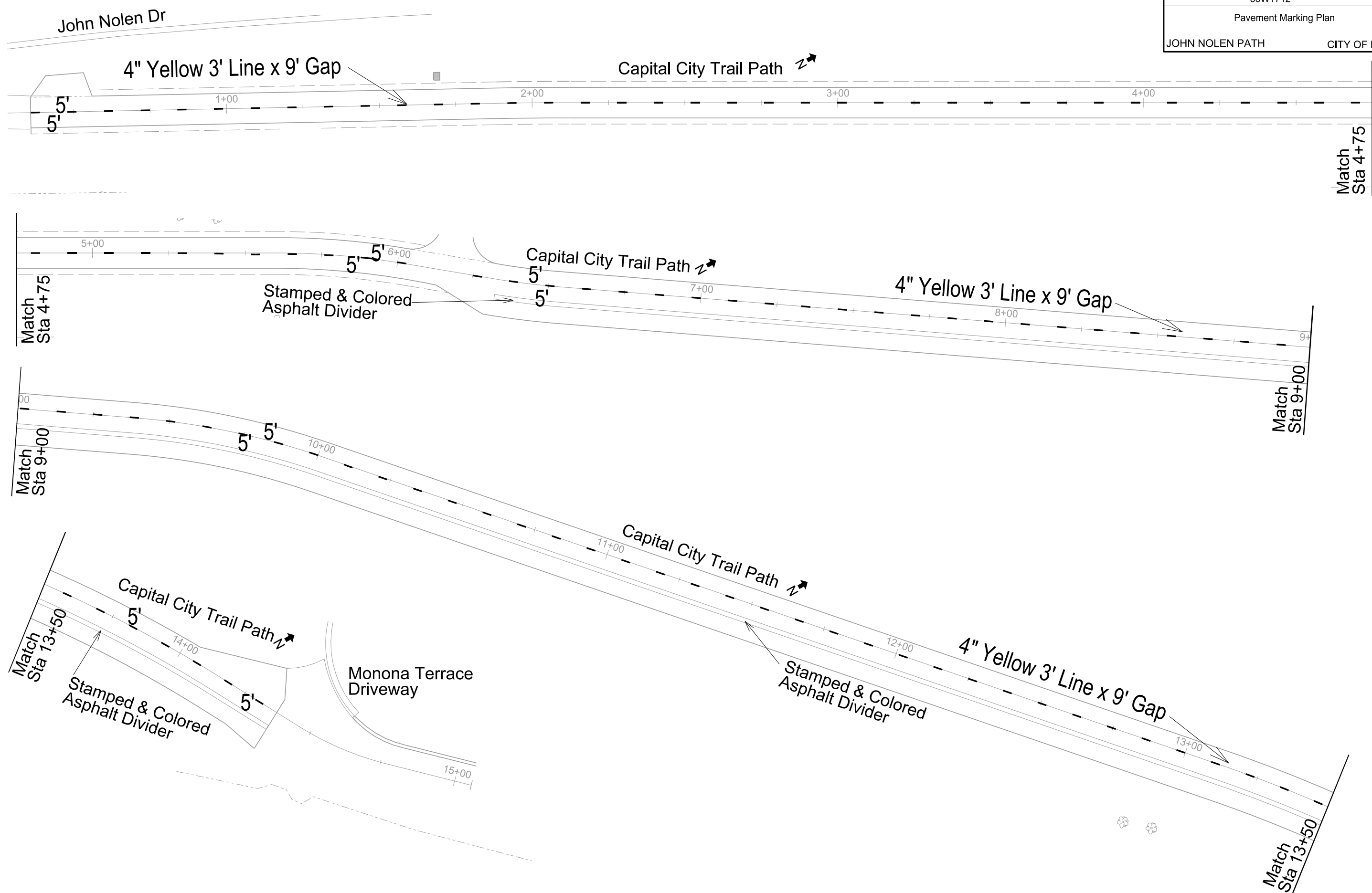


**CURVE NO. 5**  
PI STA 13+64.16  
N 481007.99  
E 821588.22  
R=450.00  
L = 13'04'02"  
I = 102.63  
PC STA 13+12.63  
PT STA 14+15.25

**CURVE NO. 6**  
PI STA 14+61.62  
N 481055.01  
E 821674.09  
R=100.00  
L = 17'49'39"  
I = 31.11  
PC STA 14+45.94  
PT STA 14+77.05



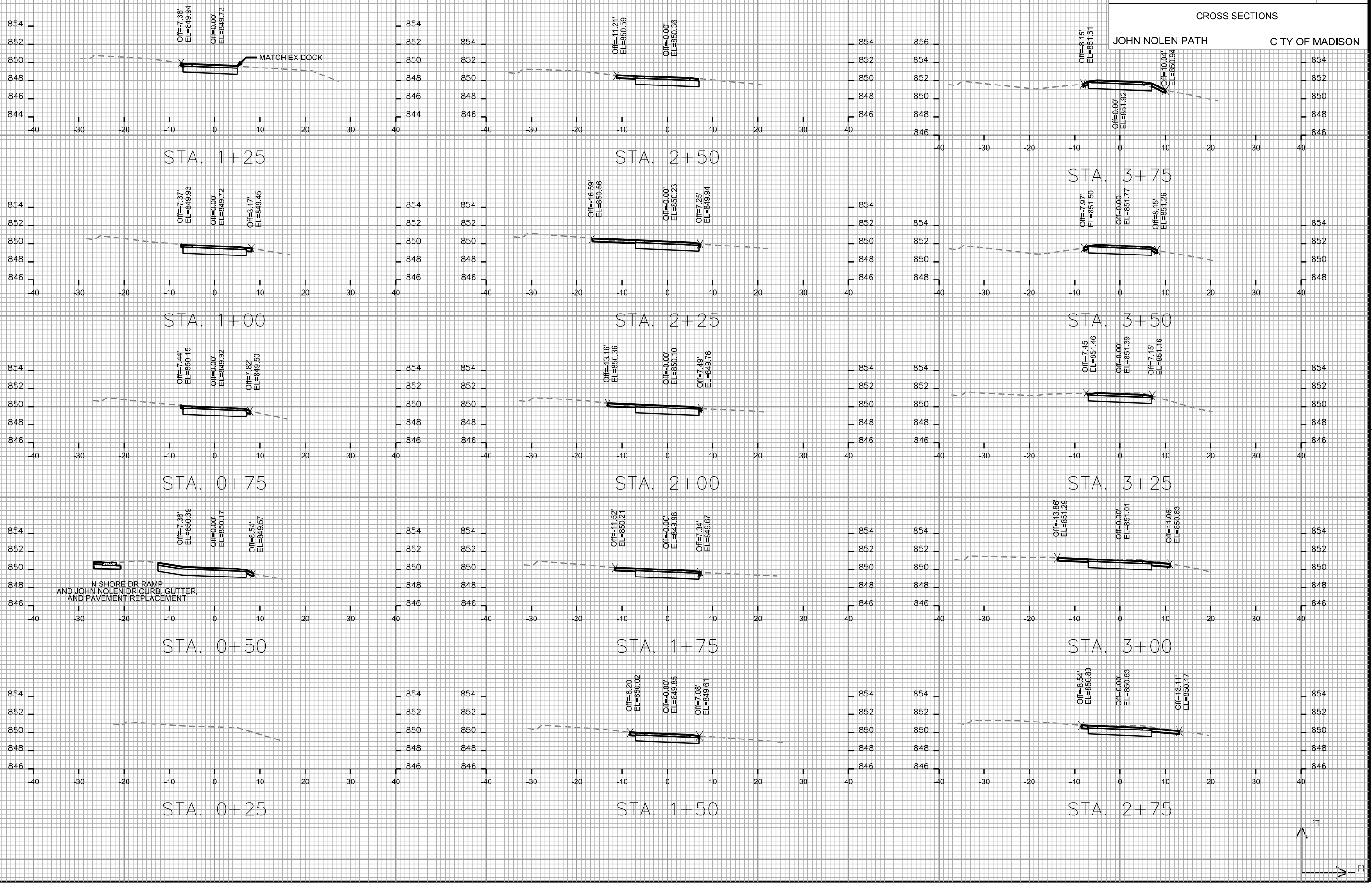
PLOT SCALE: \_\_\_\_\_  
 PLOT NAME: \_\_\_\_\_  
 REV. DATE: \_\_\_\_\_  
 ORIGINATOR: CITY OF MADISON, STREETS DIVISION



PLOT SCALE:  
 PLOT NAME:  
 REV. DATE:  
 ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.

CROSS SECTIONS

JOHN NOLEN PATH CITY OF MADISON



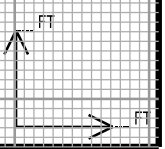
N SHORE DR RAMP  
AND JOHN NOLEN DR CURB, GUTTER,  
AND PAVEMENT REPLACEMENT

PLOT SCALE: \_\_\_\_\_

PLOT NAME: \_\_\_\_\_

REV. DATE: \_\_\_\_\_

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



CROSS SECTIONS

JOHN NOLEN PATH

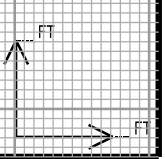
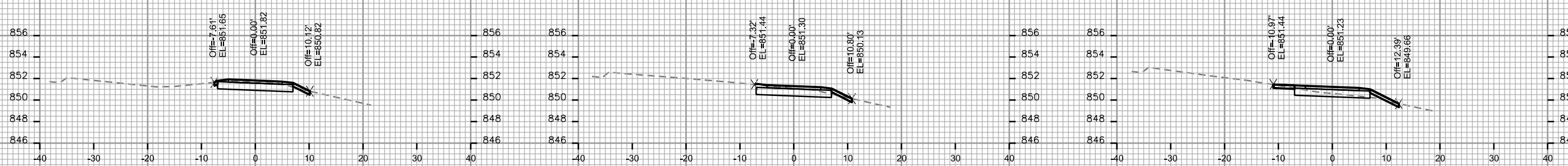
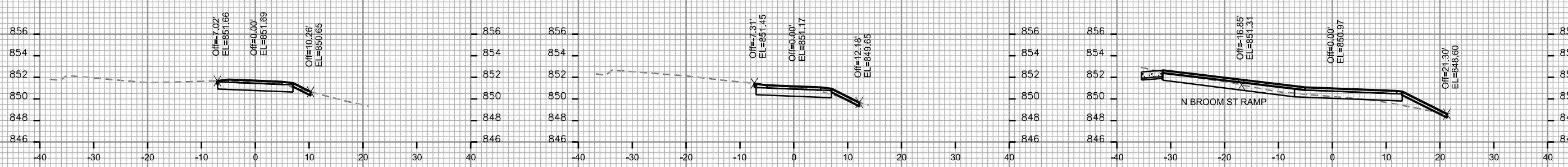
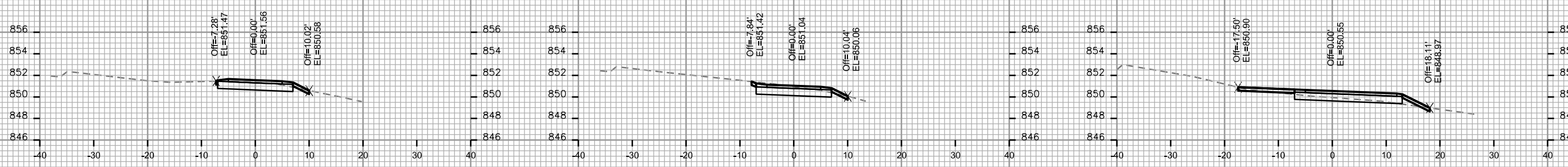
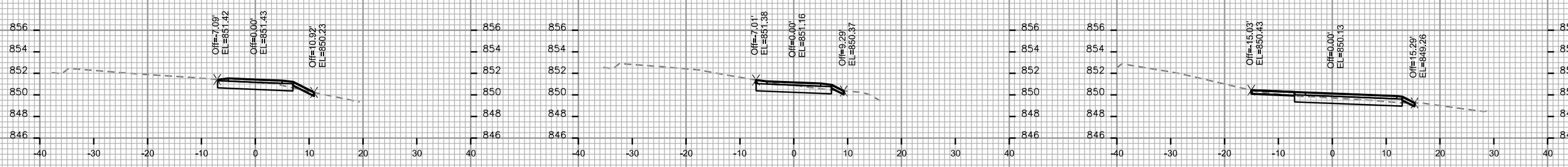
CITY OF MADISON

PLOT SCALE: \_\_\_\_\_

PLOT NAME: \_\_\_\_\_

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ORIGINATOR: CITY OF MADISON, STREETS DIVISION



CROSS SECTIONS

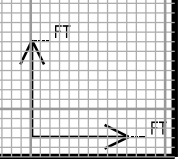
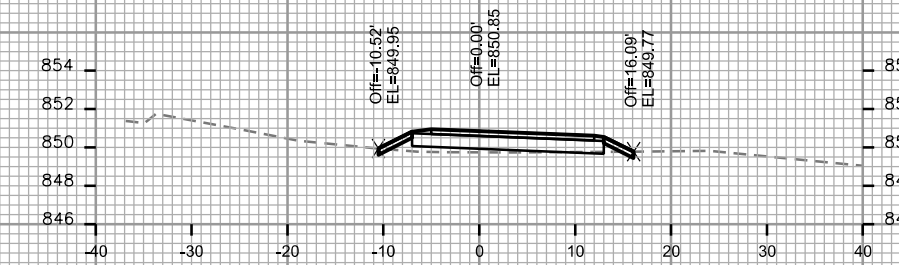
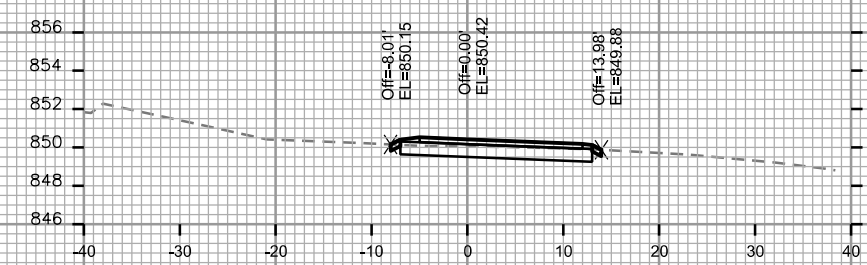
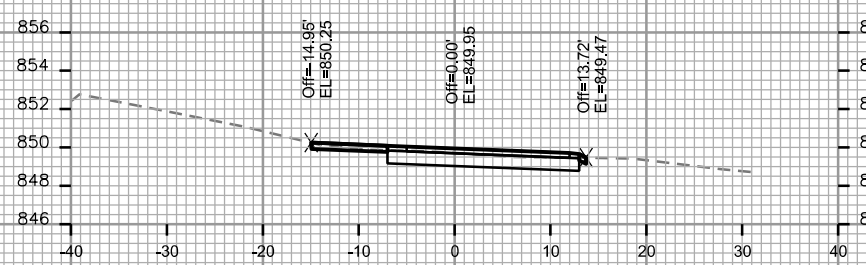
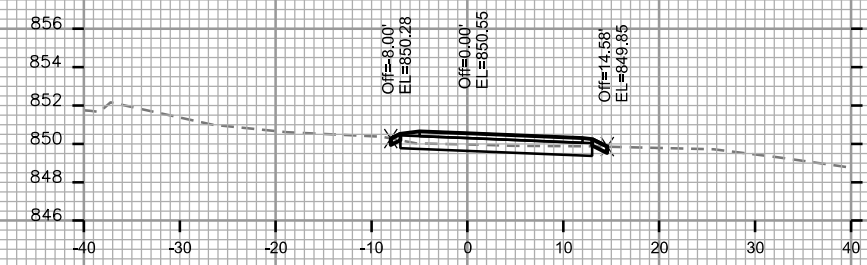
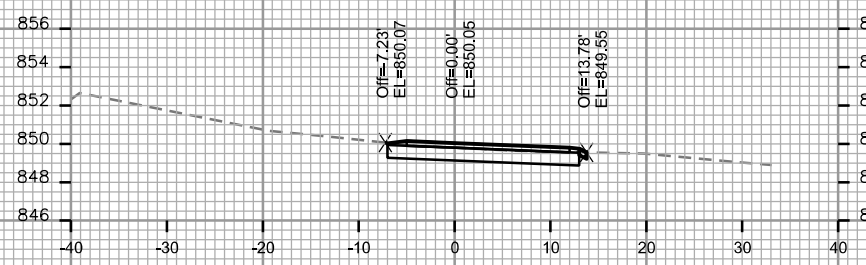
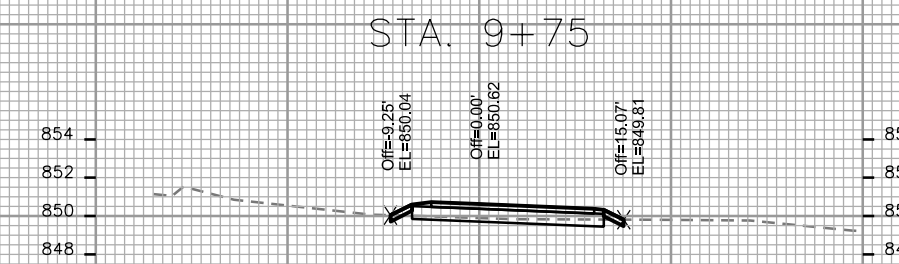
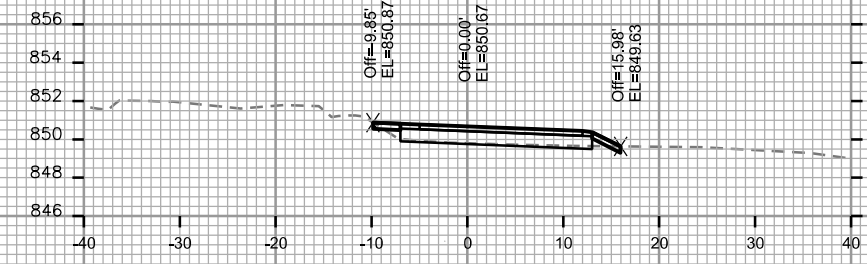
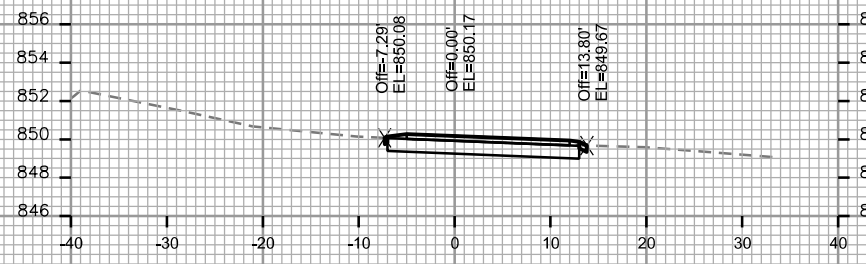
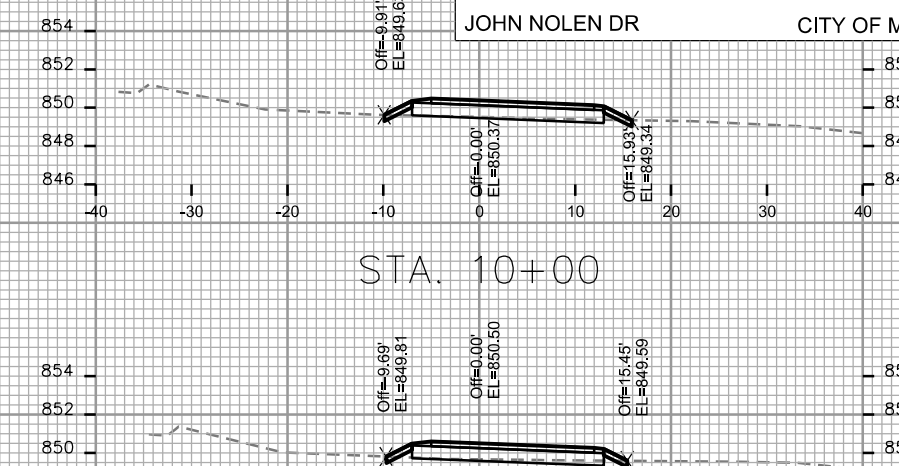
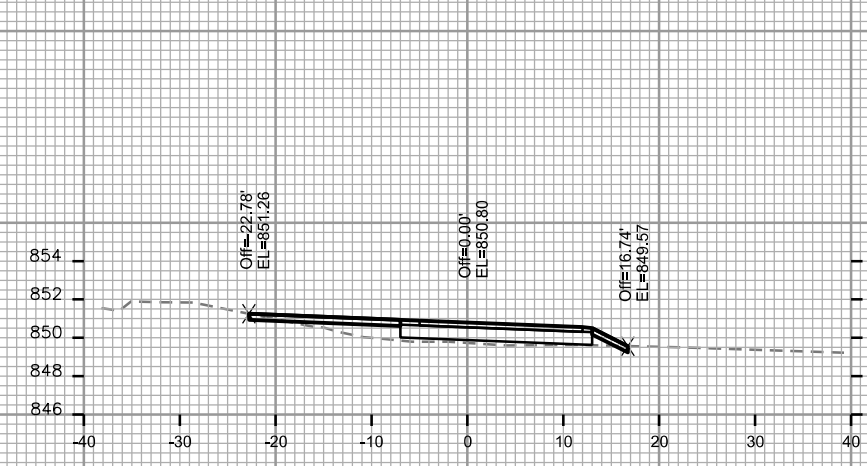
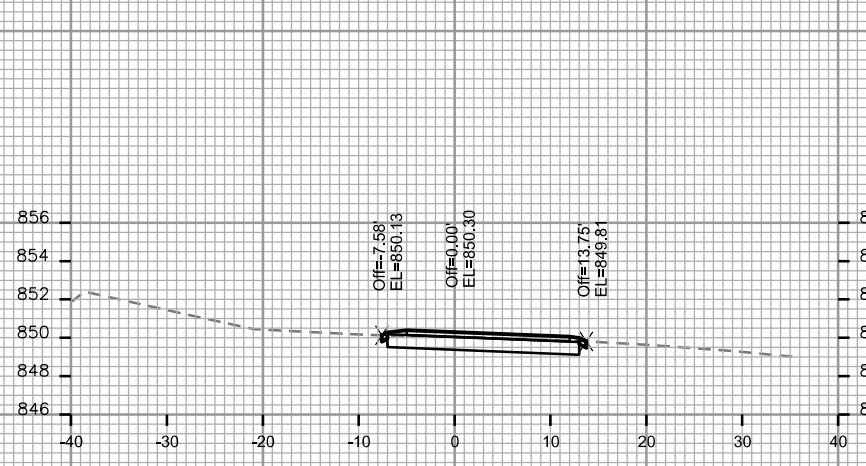
JOHN NOLEN DR CITY OF MADISON

PLOT SCALE: \_\_\_\_\_

PLOT NAME: \_\_\_\_\_

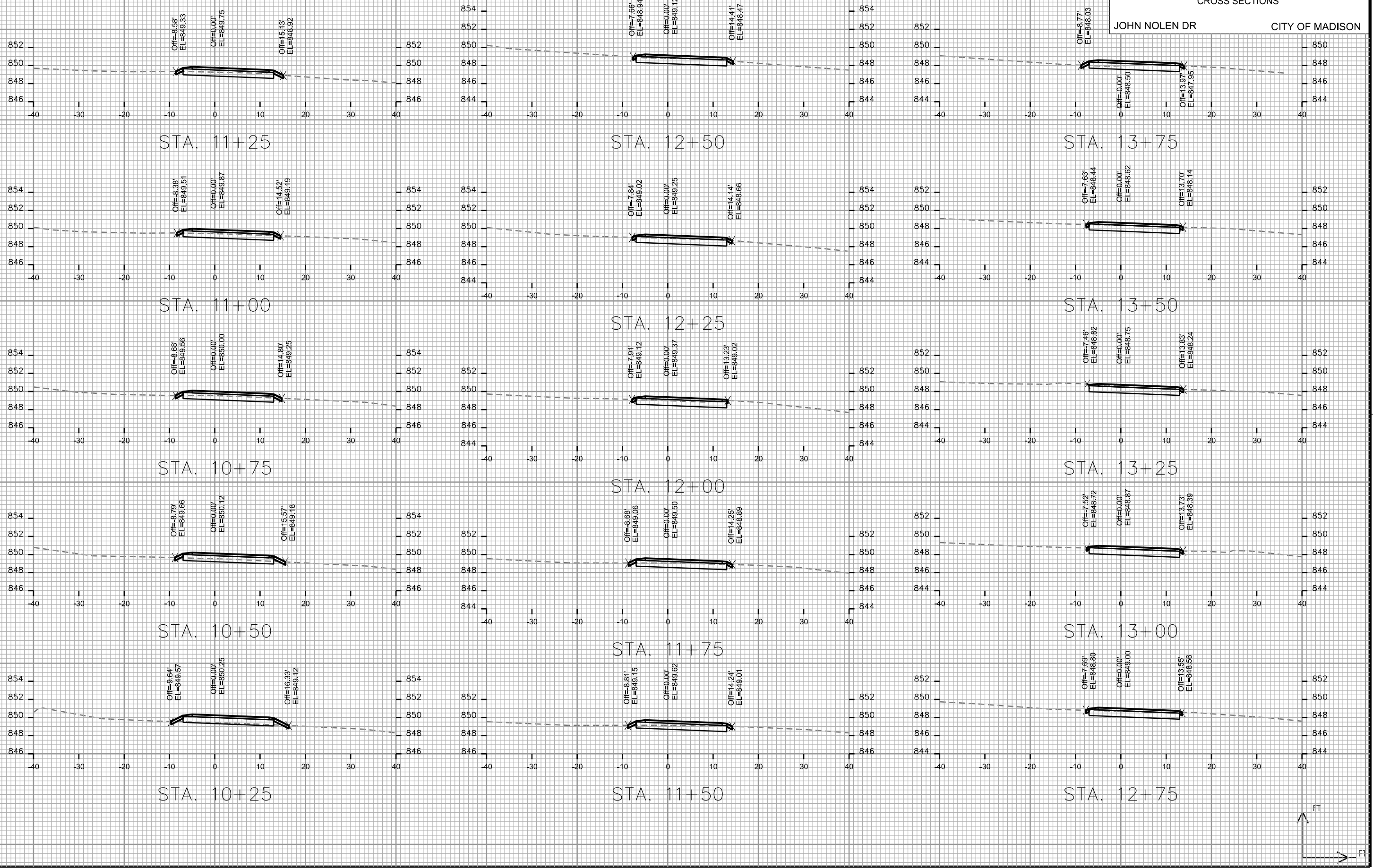
REV. DATE: \_\_\_\_\_

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



CROSS SECTIONS

JOHN NOLEN DR CITY OF MADISON

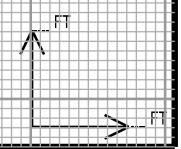


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CROSS SECTIONS

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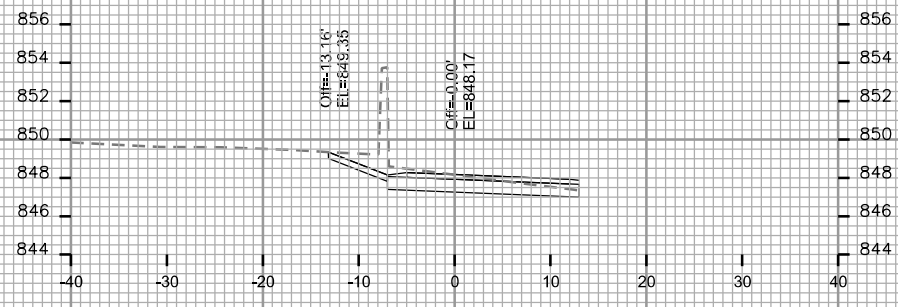
CITY OF MADISON

PLOT SCALE: \_\_\_\_\_

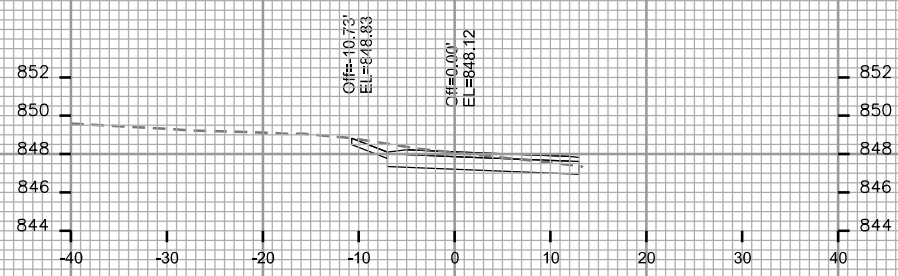
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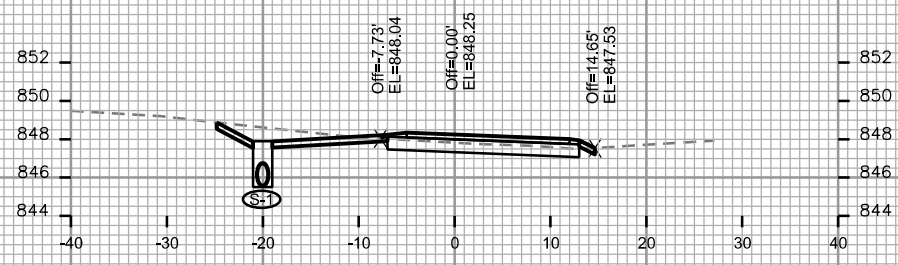
ORIGINATOR: CITY OF MADISON, STREETS DIVISION



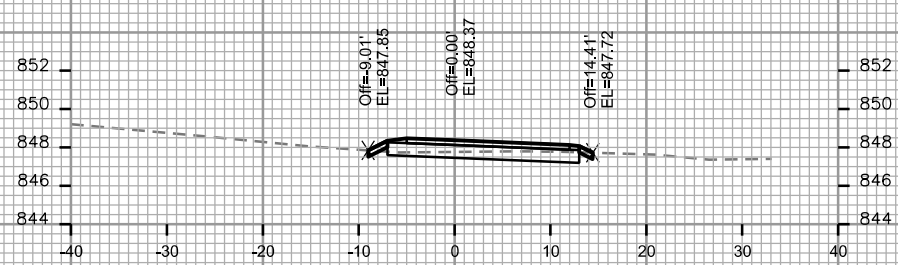
STA. 14+75



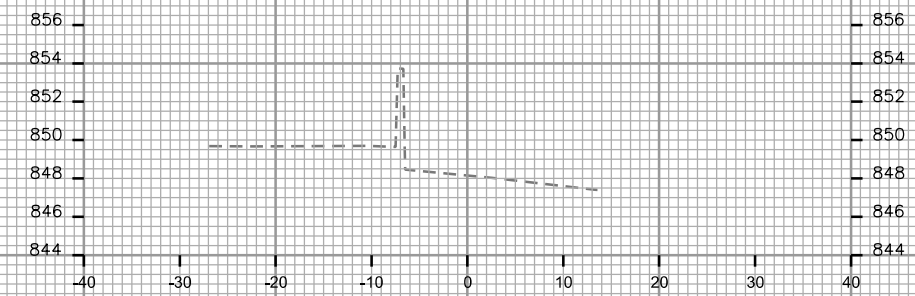
STA. 14+50



STA. 14+25



STA. 14+00



STA. 15+00

