

Madison, Wisconsin

# CITY OF MADISON

## CITY ENGINEERING DIVISION DEPARTMENT OF PUBLIC WORKS

### PLAN OF PROPOSED IMPROVEMENT

PUBLIC IMPROVEMENT PROJECT APPROVED

FEBRUARY 7, 2017

BY THE COMMON COUNCIL  
OF MADISON, WISCONSIN

PUBLIC IMPROVEMENT DESIGN  
APPROVED BY:

*[Signature]* 6/2/17  
City Engineer Date

PATH AND STREET GRADES  
DESIGNED BY:

*[Signature]*  
CHRISTY BACHMANN  
#32079  
Madison, WI  
6/1/17

INDEX OF SHEETS

SHEET NO.	TITLE
1	TYPICAL SECTIONS
D-1	MEDIAN ISLAND DETAIL
D-2	RETAINING WALL DETAIL
D-3	POND DETAILS
D4-D5	PATH PLAN AND PROFILE
P-1 - P-4	STORM SEWER PLANS
U-1-U5	STORM SEWER SCHEDULE
U6	EROSION CONTROL PLANS
EC1-EC4	PAVEMENT MARKING PLAN
MI-M3	LIGHTING AND ELECTRICAL PLAN
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X6-X7	

### CAPITAL CITY PATH SEGMENT 1 (E BUCKEYE RD - DONDEE RD)

CITY PROJECT NO. 10154  
CONTRACT NO. 7801

PLOT SCALE:

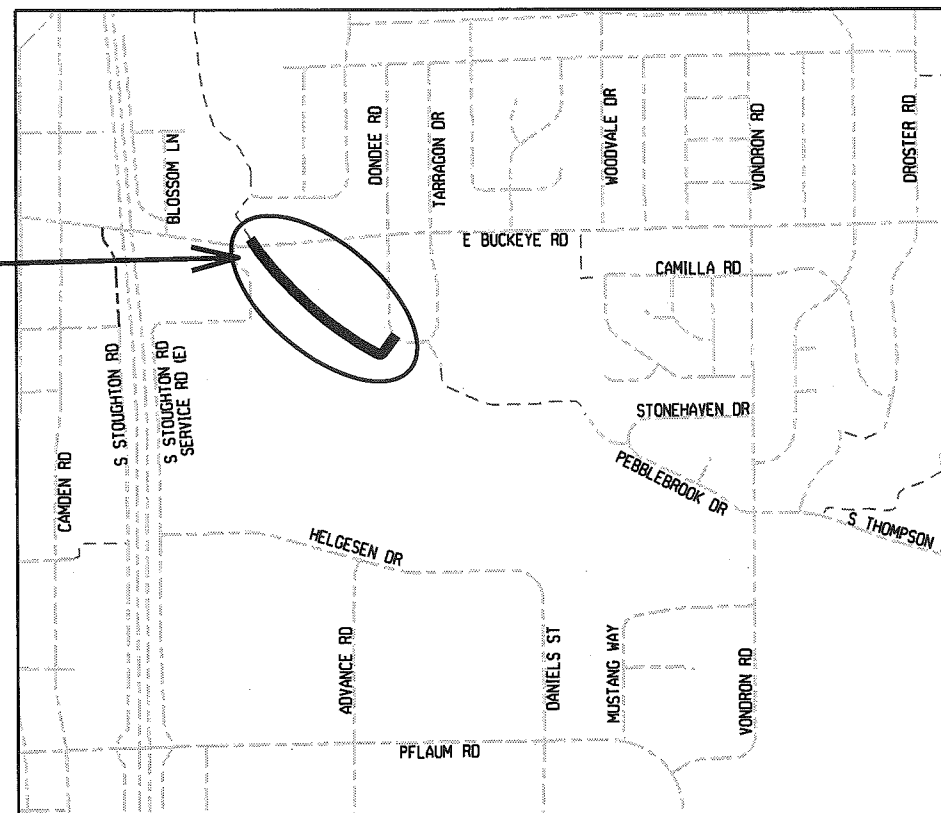
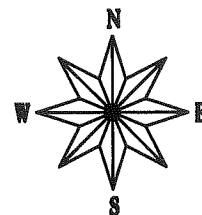
PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

CONVENTIONAL SIGNS	
FIELD VERIFY ALL UTILITY LOCATIONS	
GAS	G
STORM SEWER	ST
SANITARY SEWER	SAN
WATER	W
OVERHEAD ELECTRIC	OH
POWER POLE	⏏

PROJECT LOCATION



GEOMETRY  
DESIGNED BY:

*[Signature]*  
MARK S. WINTER  
E-39453  
MADISON  
WI  
6/1/17

PAVEMENT MARKING  
DESIGNED BY:

*[Signature]*  
MARK S. WINTER  
E-39453  
MADISON  
WI  
6/1/17

LIGHTING AND ELECTRICAL  
DESIGNED BY:

*[Signature]*  
BRIAN J. SMITH  
E-37284  
MADISON  
WI  
6-1-17

STORM SEWER  
DESIGNED BY:

*[Signature]*  
6/1/17

TYPICAL SECTIONS  
CAPITAL CITY PATH CITY OF MADISON

LEGEND

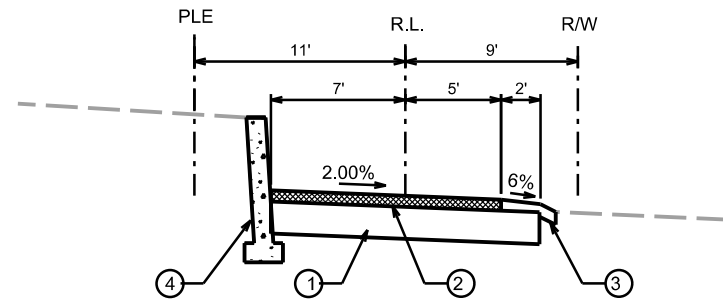
- ① 8" CRUSHED AGGREGATE BASE COURSE, GRAD. NO. 2
- ② 3" HMA PAVEMENT TYPE 4 LT 58-28 S (SEE NOTE 1)
- ③ 4" TOPSOIL, SEED AND MATTING CL 1 TY URBAN A
- ④ MODULAR BLOCK RETAINING WALL (SEE DETAILS)
- ⑤ SWALE WITH SEED AND MATTING CL 1 TY URBAN B (SEE NOTE 2)

NOTES

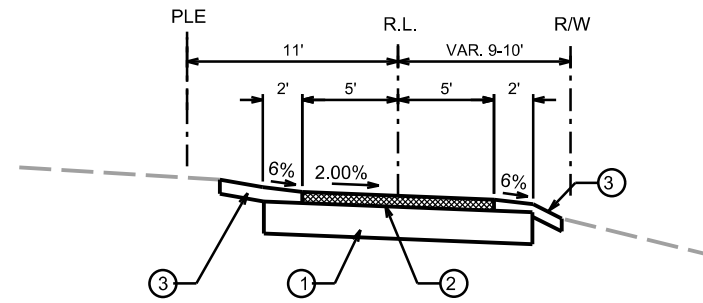
1. CONSTRUCT HMA PAVEMENTS AS FOLLOWS:

TYPE	LAYER	THICK	NOM. AGG SIZE
4 LT 8-28 S	SINGLE	3.0"	12.5 MM

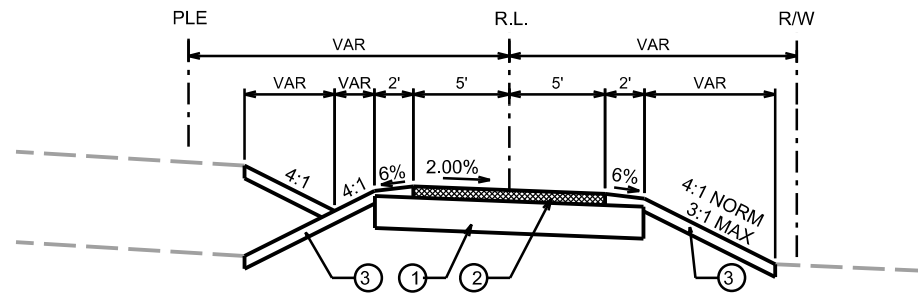
2. EXCAVATE TO SURFACE ELEVATION AS SHOWN ON PLANS FOR SWALE. DO NOT EXCAVATE FOR PLACEMENT OF TOPSOIL IN SWALE. SEED AND MAT NATIVE SOIL



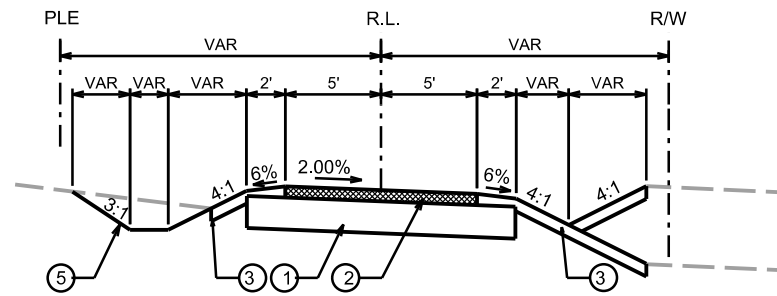
PROPOSED TYPICAL SECTION  
PATH STA 87+65 TO STA 89+00



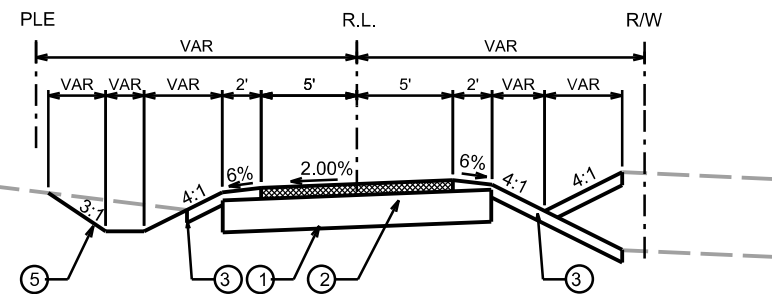
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PATH STA 89+00 TO STA 90+25



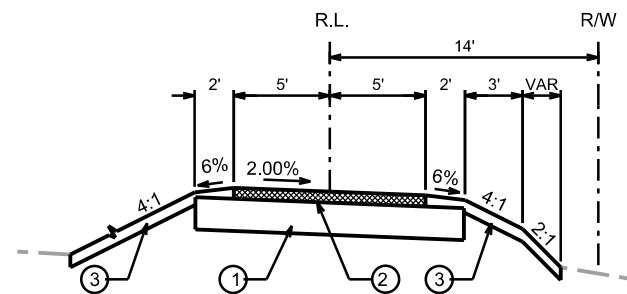
PROPOSED TYPICAL SECTION  
PATH STA 90+25 TO STA 96+25



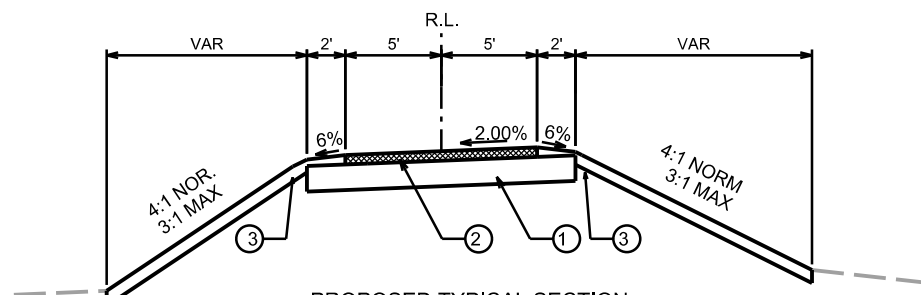
PROPOSED TYPICAL SECTION  
PATH STA 96+25 TO STA 97+00



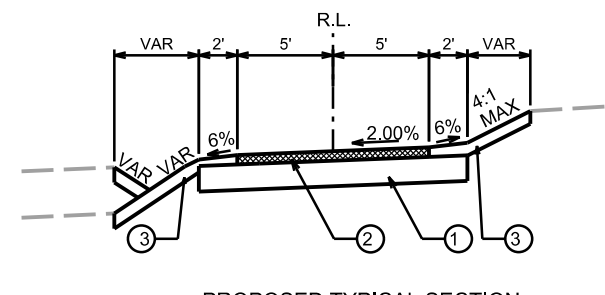
PROPOSED TYPICAL SECTION  
PATH STA 97+00 TO STA 98+50  
(SEE STA 98+50 CROSS SECTION)



PROPOSED TYPICAL SECTION  
PATH STA 98+50 TO STA 99+75



PROPOSED TYPICAL SECTION  
PATH STA 99+75 TO STA 101+00  
(SEE STA 99+75 CROSS SECTION)



PROPOSED TYPICAL SECTION  
PATH STA 101+00 TO STA 101+60

EARTHWORK SUMMARY

UNCLASSIFIED EXCAVATION	534 CY	(PLAN QUANTITY)
ESTIMATED UNDERCUT (EBS)	186 CY	
EXCAVATION CUT	720 CY	(PROPOSAL QUANTITY)
FILL (UNADJUSTED)	420 CY	(PLAN QUANTITY)
WASTE	300 CY	

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

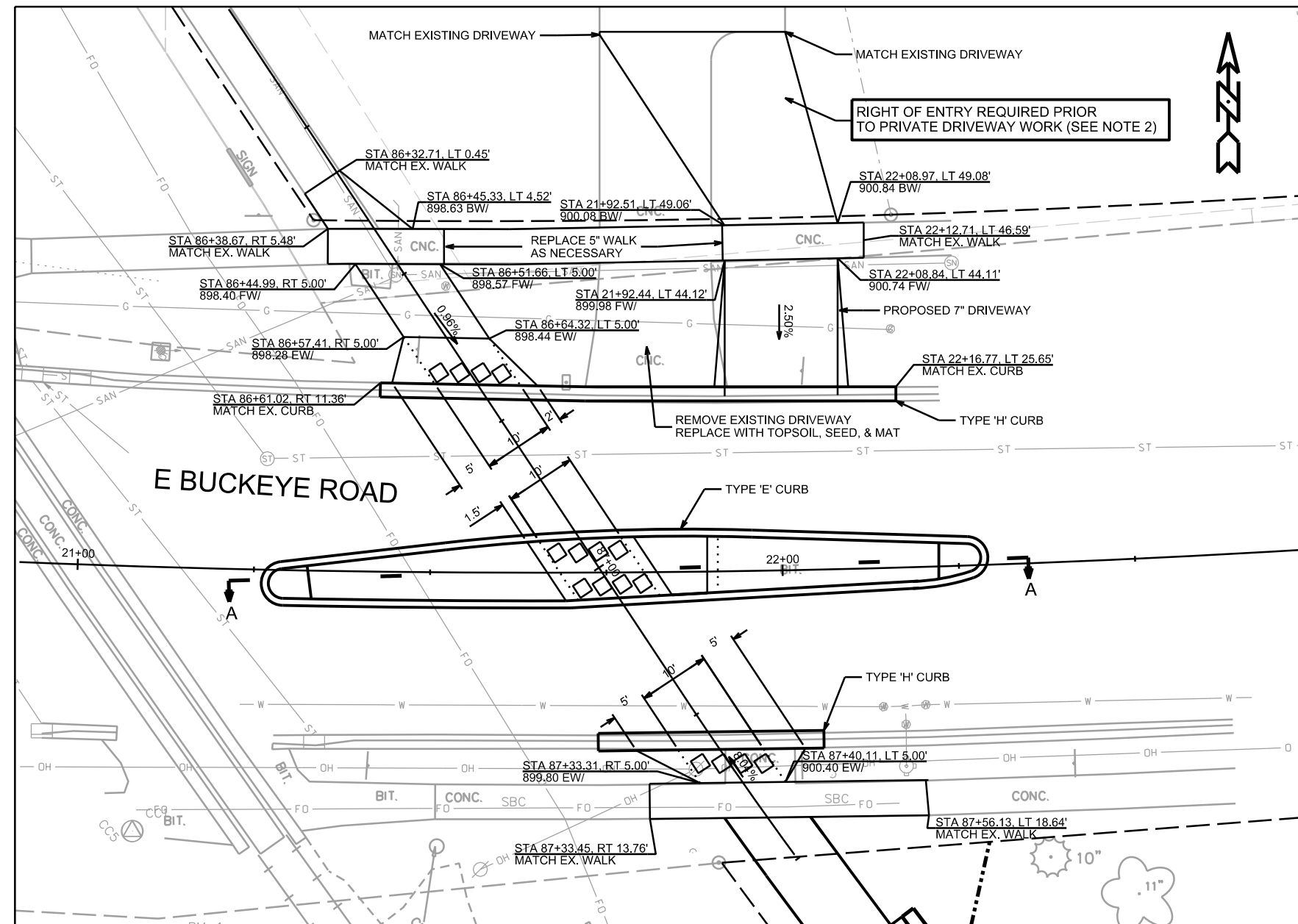
PLOT NAME: \_\_\_\_\_

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

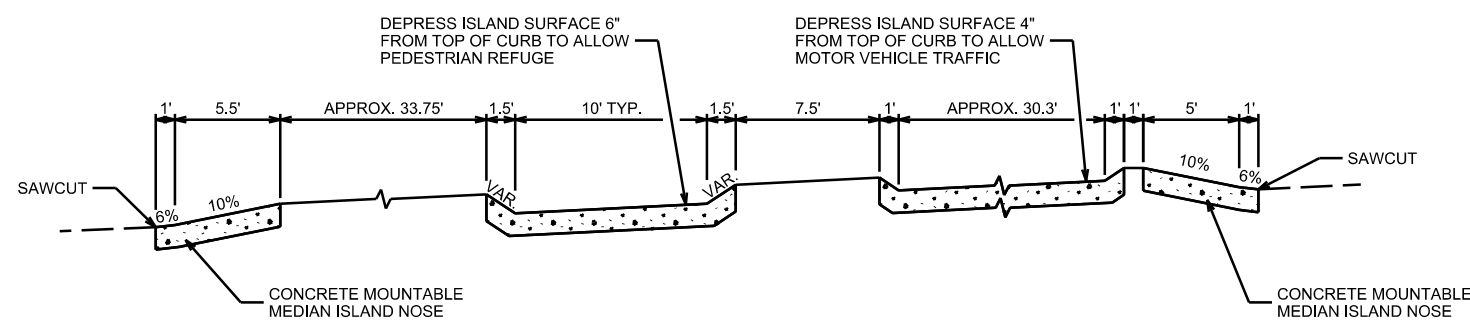
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

BUCKEYE CROSSING DETAIL

PATH CITY OF MADISON



PLAN VIEW



SECTION A-A

CONSTRUCT ENTIRE MEDIAN WITH 7" CONCRETE

NOTES:

1. ALL CONCRETE RAMPS AND DRIVEWAYS TO BE CONSTRUCTED WITH 7" CONCRETE
2. RECONSTRUCTION OF PRIVATE DRIVEWAY SHALL NOT OCCUR UNTIL RIGHT OF ENTRY IS ACQUIRED FROM PROPERTY OWNER
3. LAYOUT OF MEDIAN TO BE MARKED IN FIELD BY CITY TRAFFIC ENGINEERING
4. EXISTING PAVEMENT AT SAWCUT LIMITS TO BE USED AS FORM FOR CURB

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

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

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

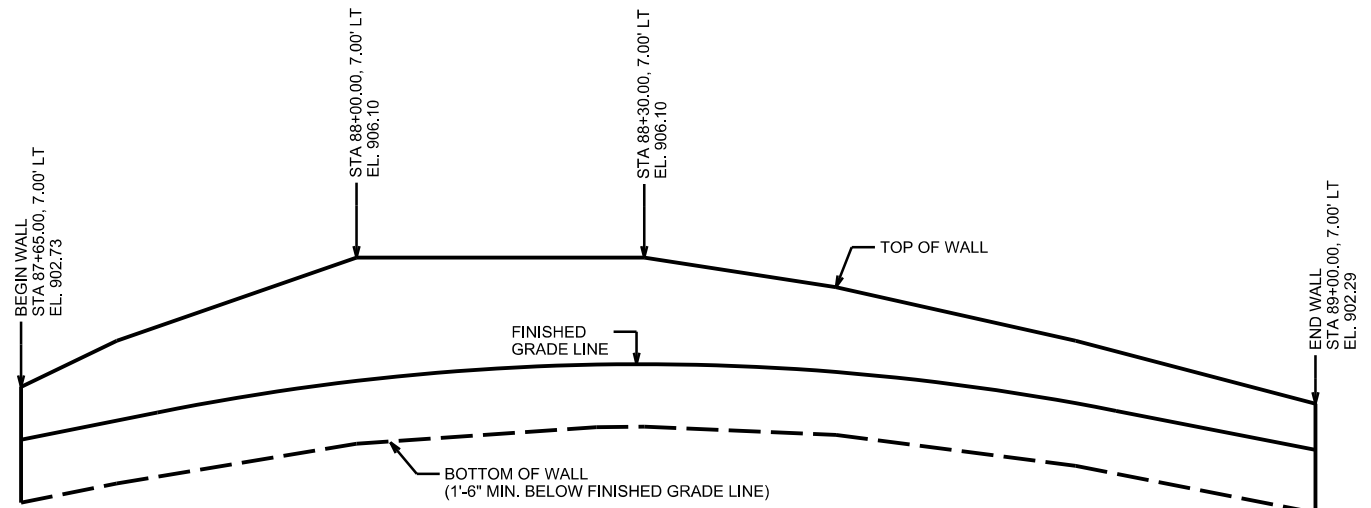
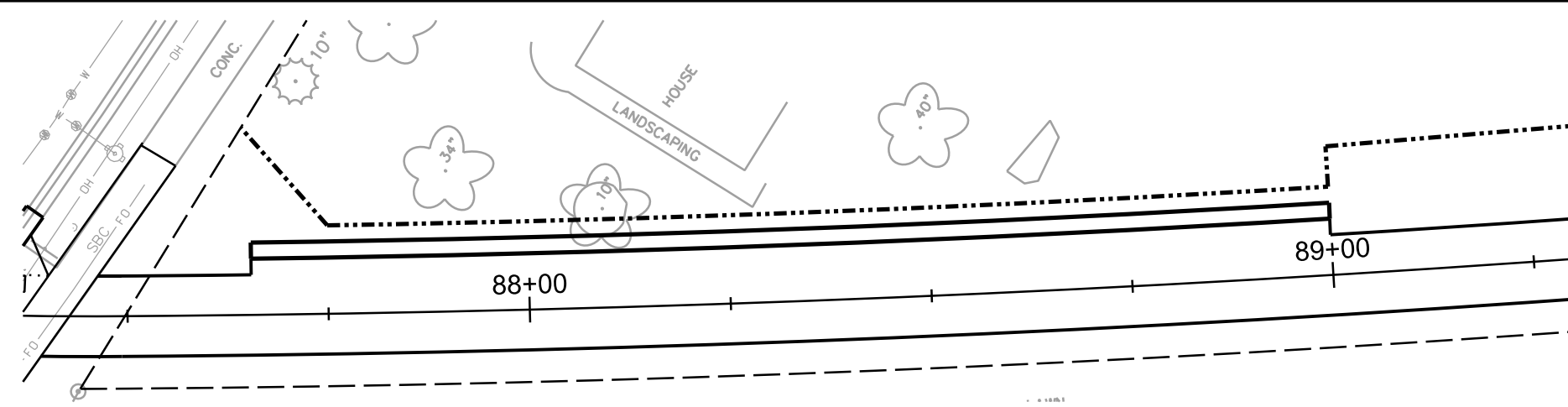
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

RETAINING WALL GEOMETRY TABLE

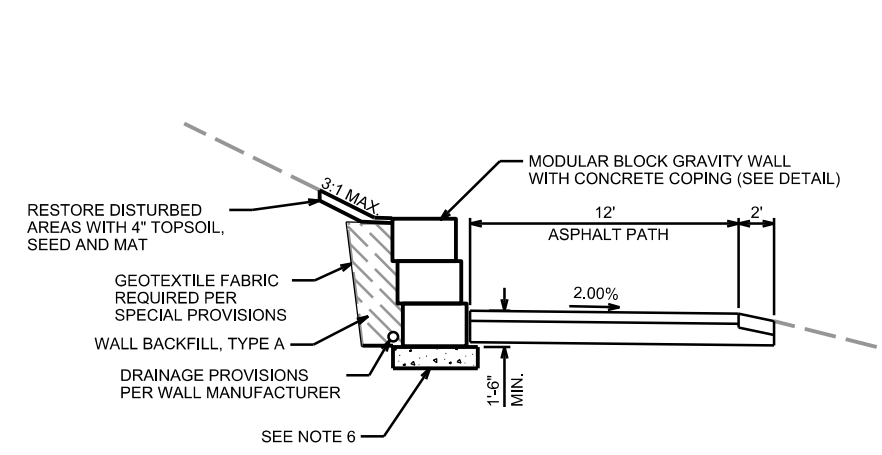
STATION	OFFSET TO R/L WALL	FINISHED GRADE ELEV.	TOP OF WALL ELEV.
87+65.00	7.00' LT	901.49	902.73
87+75.00	7.00' LT	901.99	903.93
88+00.00	7.00' LT	903.03	906.10
88+25.00	7.00' LT	903.44	906.10
88+30.00	7.00' LT	903.45	906.10
88+50.00	7.00' LT	903.26	905.33
88+75.00	7.00' LT	902.44	903.93
89+00.00	7.00' LT	901.23	902.29

NOTES:

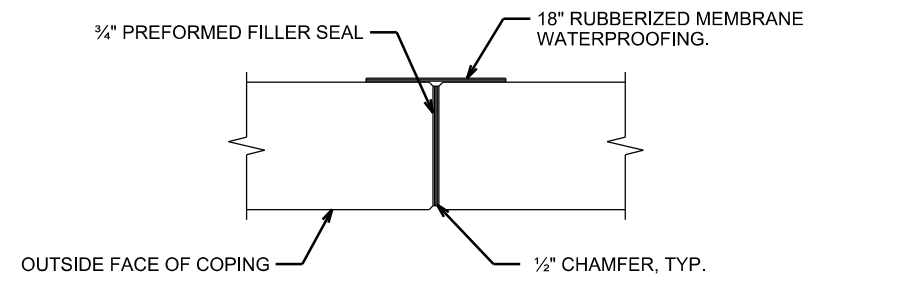
1. FINISHED GRADE ELEVATION IS GIVEN AT THE FRONT FACE OF THE WALL ASSUMING FRONT FACE IS 7'-0" FROM PATH C.L.
2. OFFSET AND TOP OF WALL ELEVATION GIVEN AT ASSUMED LOCATION AT FRONT FACE OF WALL ASSUMING NO BATTER. ACTUAL OFFSET LOCATION AND TOP OF WALL ELEVATION MAY DIFFER SLIGHTLY DEPENDING ON WALL BATTER.
3. CONTRACTOR SHALL PROVIDE COMPLETE DESIGN, PLANS, DETAILS, SPECIFICATIONS AND SHOP DRAWINGS FOR RETAINING WALL IN ACCORDANCE WITH THE SPECIAL PROVISIONS.
4. RETAINING WALL IS TO BE DESIGNED USING THE GRADES PROVIDED ON THIS DETAIL. STEP LOCATIONS AND ELEVATIONS OF LEVELING PAD MAY BE ADJUSTED TO MEET SPECIFIC WALL DESIGN AND MODULAR BLOCK DIMENSIONS.
5. WALL PLANS AND DETAILS ON THESE DRAWINGS ARE INTENDED TO INDICATE THE LOCATION, HEIGHT AND DETAILS COMMON TO ANY GRAVITY WALL SYSTEM SELECTED. CONTRACTOR SHALL VERIFY THAT THE WALL SYSTEM SELECTED WILL CONFORM TO THE REQUIRED ALIGNMENT AND DETAILS.
6. CONCRETE LEVELING PAD REQUIRED. MIN 6" THICK, SEE SPECIAL PROVISIONS.
7. MODULAR BLOCKS SHALL HAVE A "CUT LIMESTONE" APPEARANCE WITH TAN COLORATION.
8. BEVEL EXPOSED EDGES OF CONCRETE 0.75"



RETAINING WALL ELEVATION  
(LOOKING AT F.F. OF WALL)

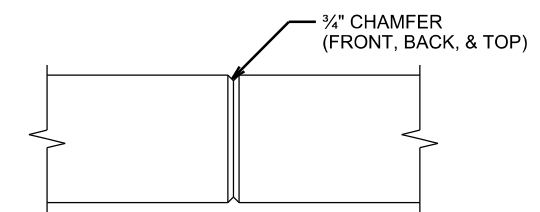


SECTION THRU RETAINING WALL

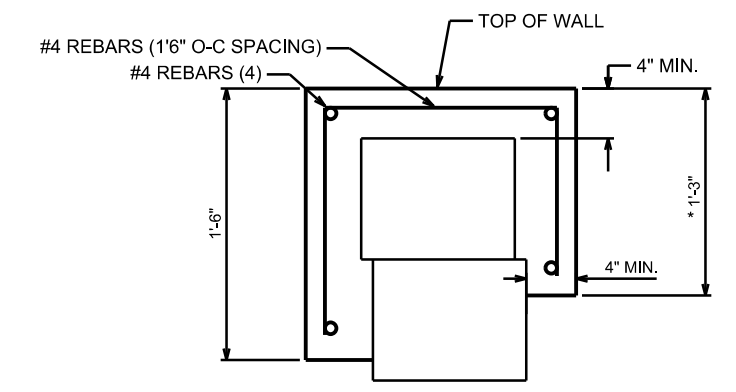


COPING EXPANSION JOINT

DO NOT RUN BAR STEEL THRU JOINT  
SEAL ALL EXPOSED HORIZ. & VERT. SURFACES OF FILLER WITH NON-STAINING GRAY NON-BITUMINOUS JOINT SEALER. (1" DEEP AND HOLD 1/8" BELOW SURFACE OF CONC.)  
MEMBRANE WATERPROOFING TO EXTEND FROM TOP OF COPING TO BOTTOM OF COPING



COPING CONTRACTION JOINT  
DO NOT RUN BAR STEEL THRU JOINT



COPING DETAIL  
NOT TO SCALE

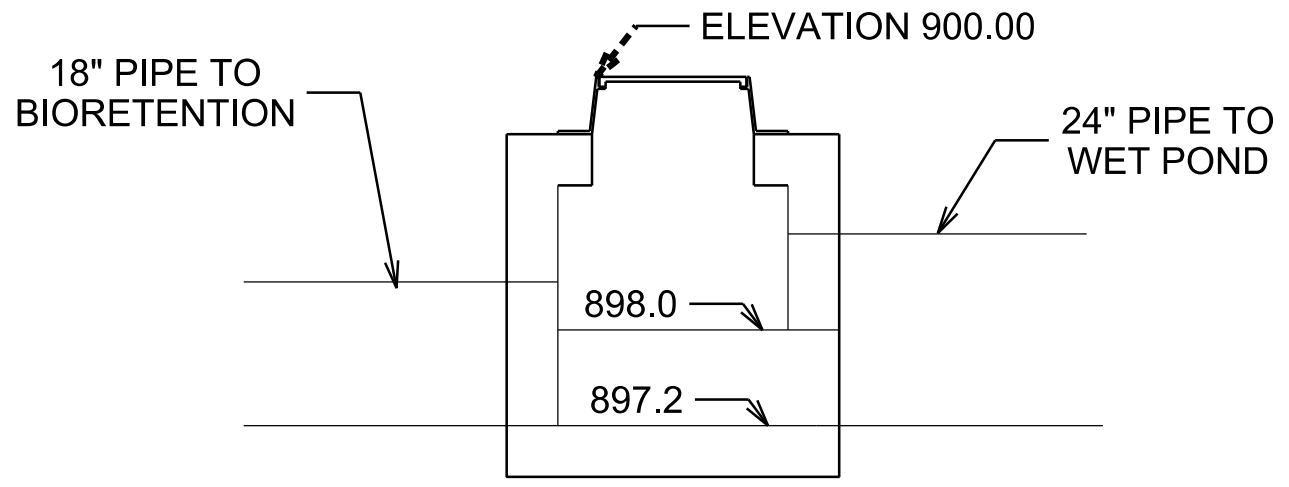
\* THIS DIMENSION MAY CHANGE DEPENDING ON HEIGHT OF BLOCKS. THIS DIMENSION TO BE CONSTANT FOR ENTIRE LENGTH OF WALL. MAXIMUM ALLOWABLE HEIGHT OF BLOCKS TO BE 9 INCHES

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

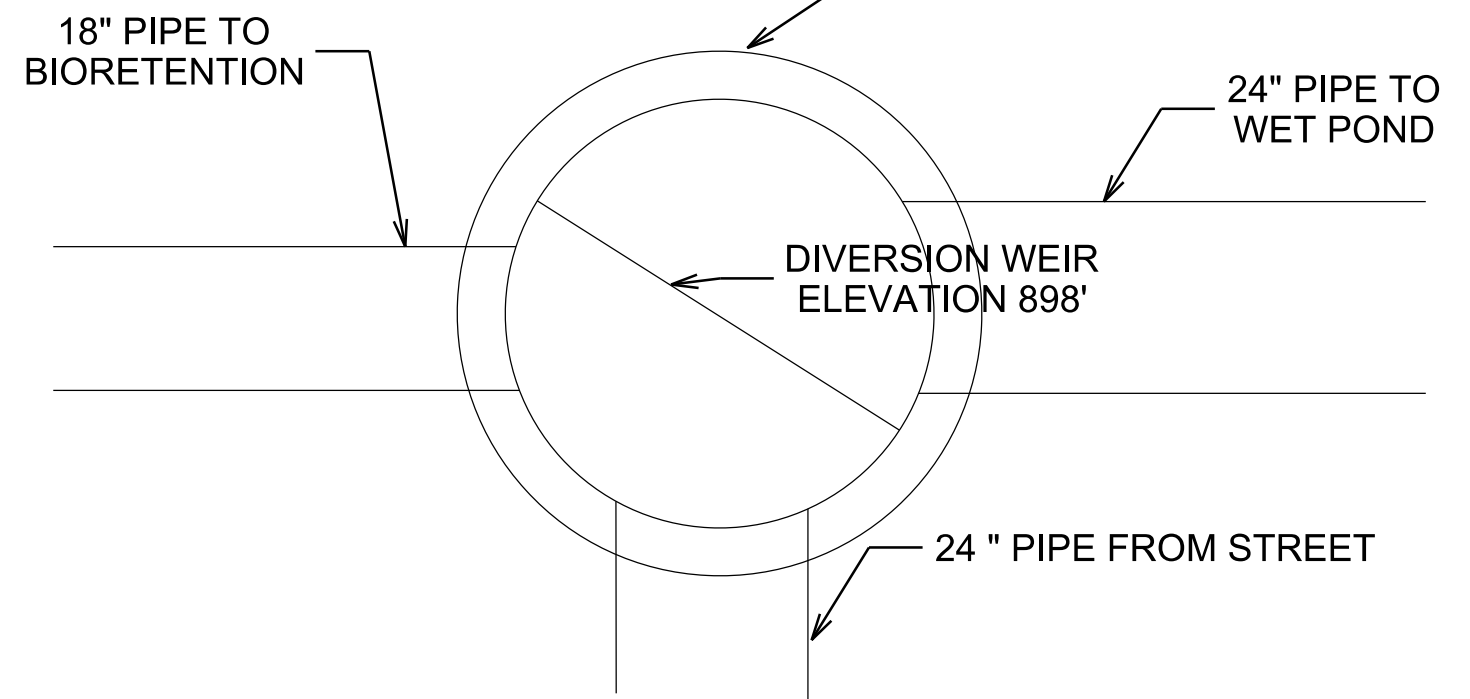
PLOT NAME: \_\_\_\_\_

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

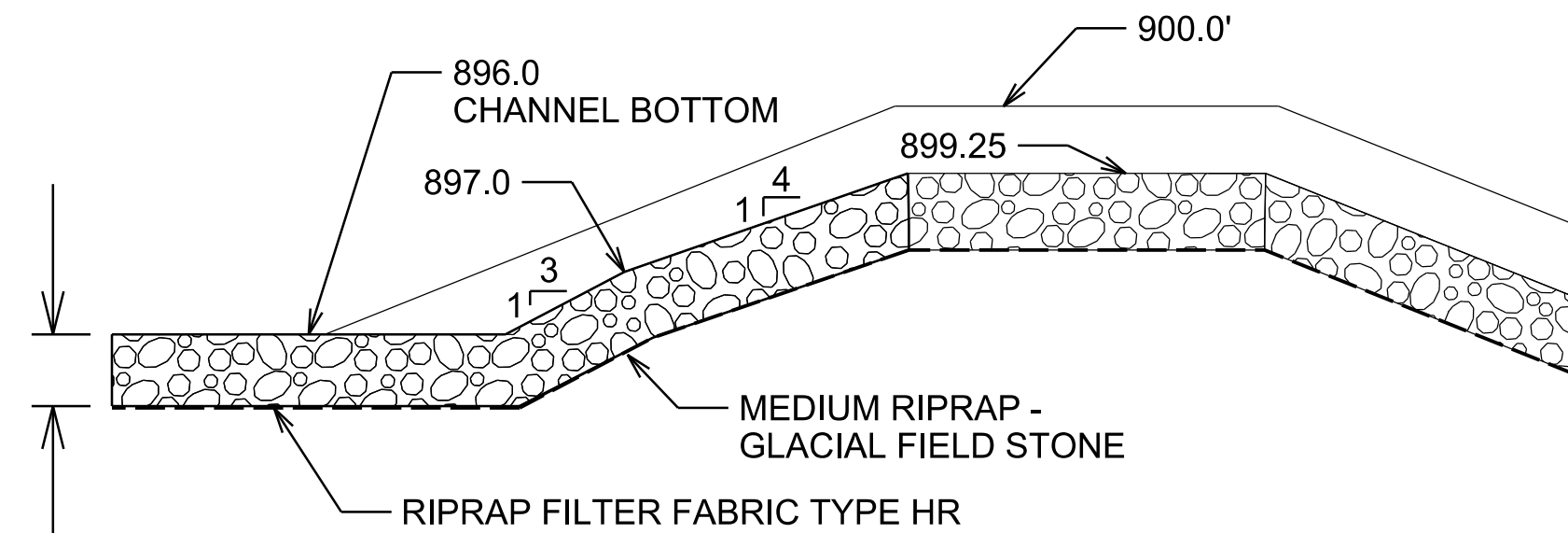
ORIGINATOR: CITY OF MADISON, STREETS DIVISION



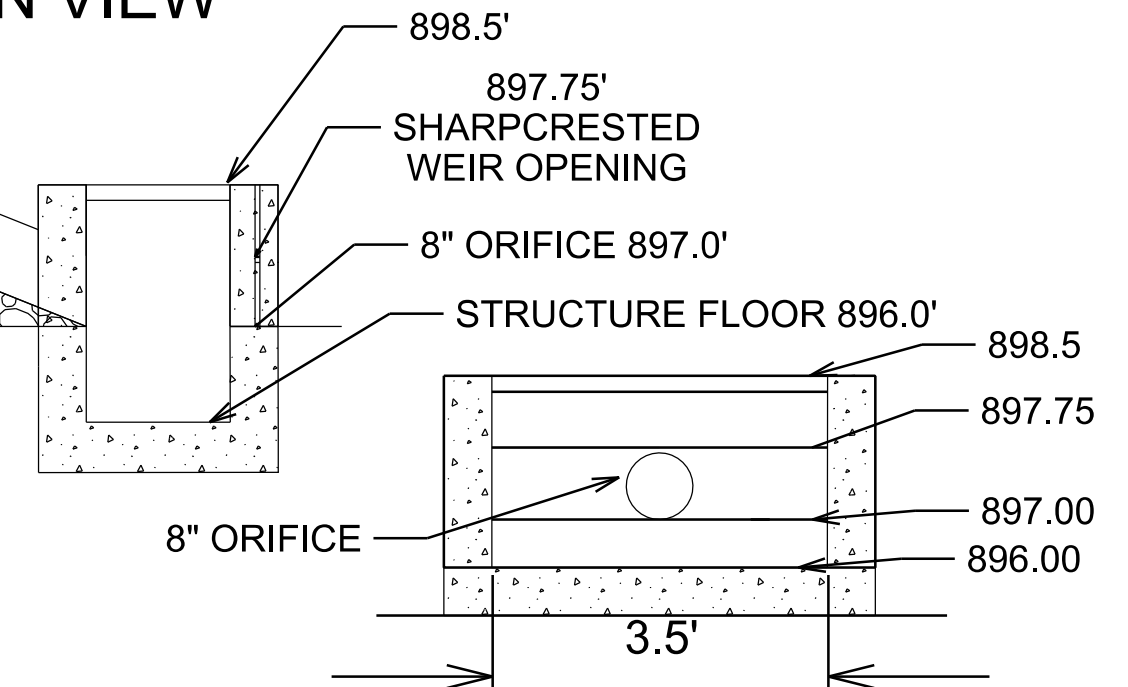
**POND INLET STRUCTURE(S-6)  
CROSS SECTION**



**POND INLET STRUCTURE(S-6)  
PLAN VIEW**



**POND OUTLET STRUCTURE  
CROSS SECTION**



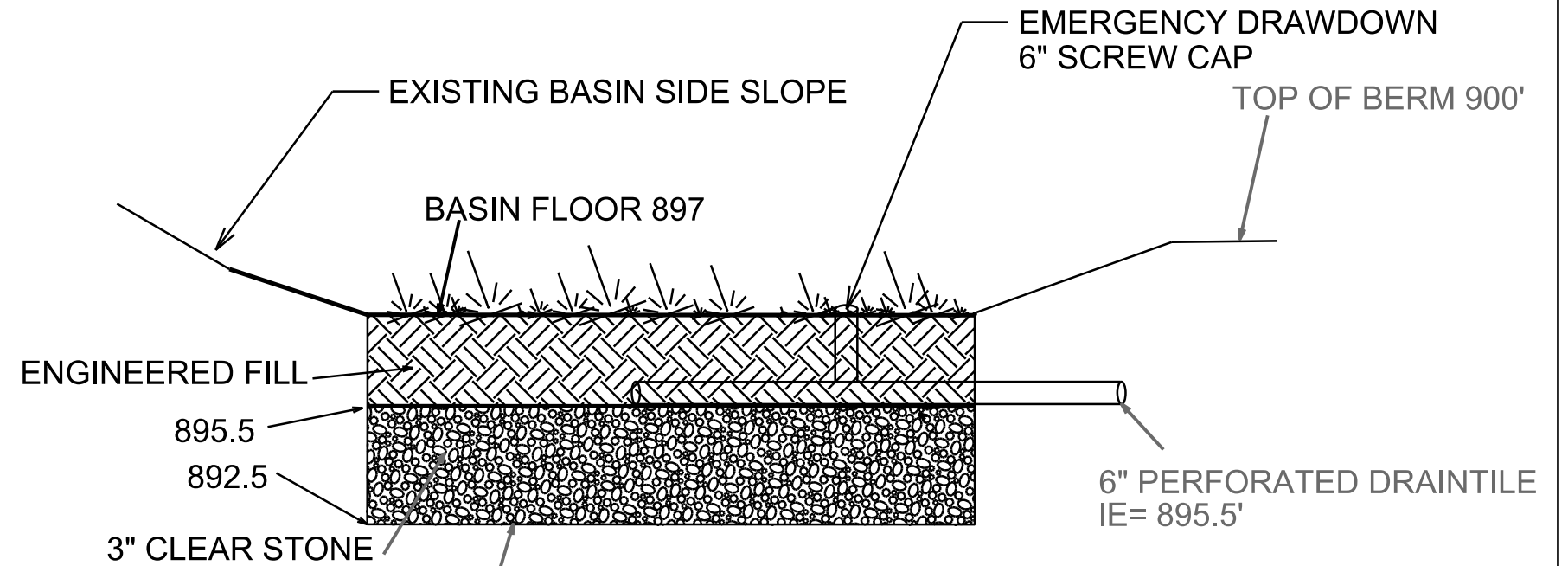
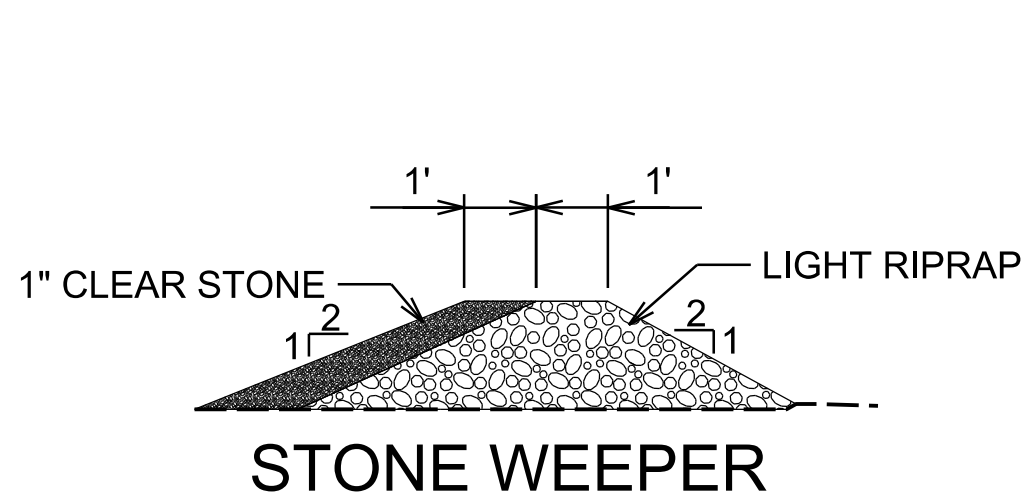
**POND OUTLET  
STRUCTURE (S-3) WEIR**

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

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

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

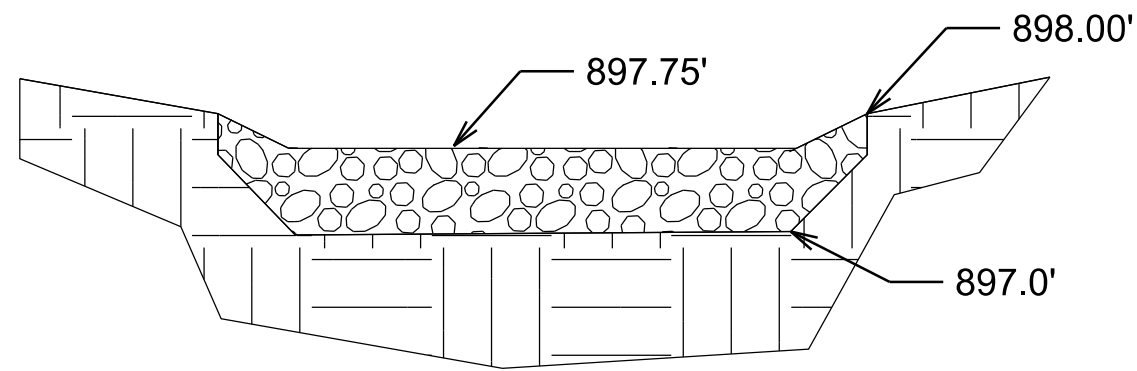
ORIGINATOR: CITY OF MADISON, STREETS DIVISION



EXCAVATE TO SAND LAYER AND BACKFILL WITH SAND TO 892.5'

NOTE:  
ENGINEERED SOIL SHALL CONSIST OF THE FOLLOWING:  
SAND 75-85% (BY VOLUME)  
COMPOST 25-15%

**BIORETENTION BASIN CROSS-SECTION  
(NOT TO SCALE)**



**STONE WEEPER  
FRONT VIEW**

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

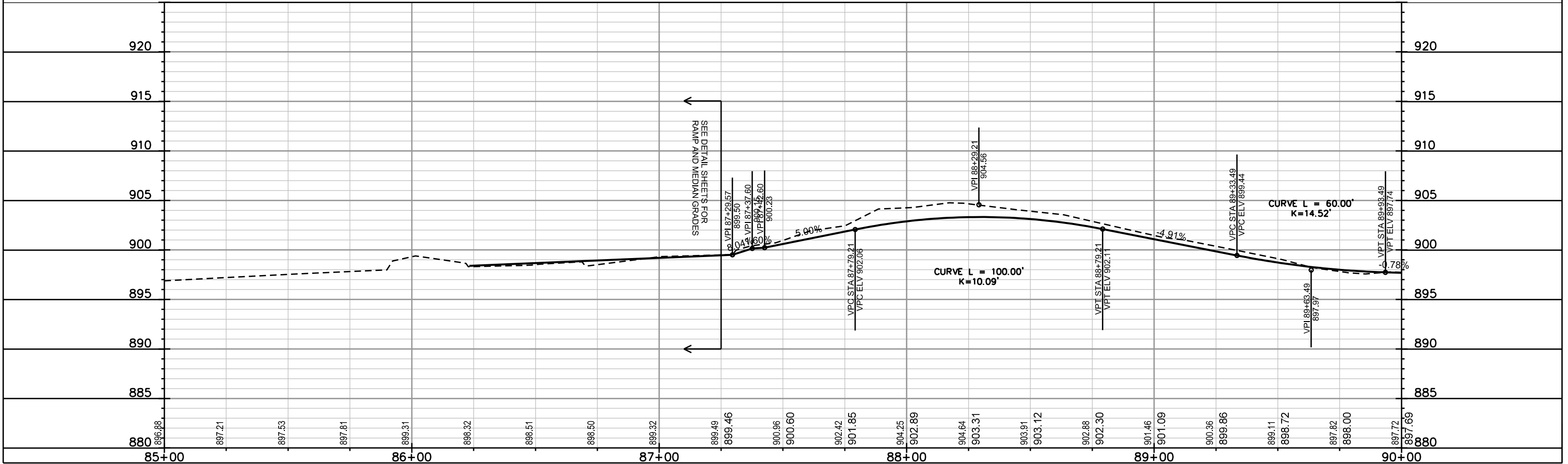
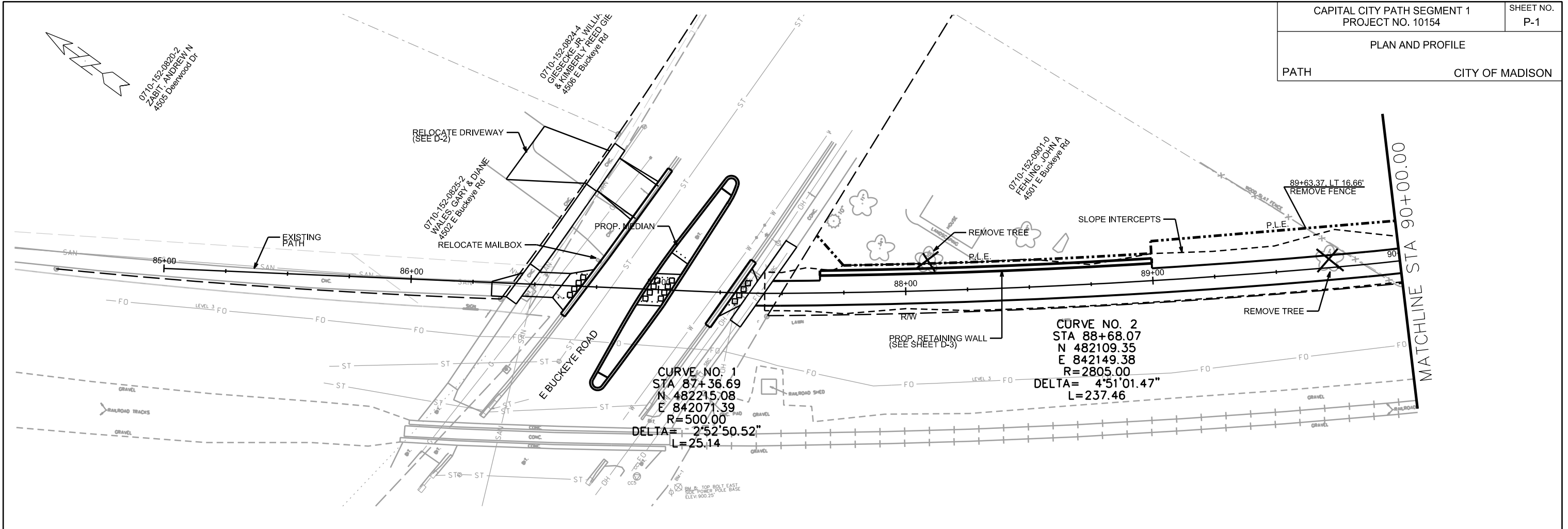
PLOT NAME: \_\_\_\_\_

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

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

PLAN AND PROFILE

PATH CITY OF MADISON

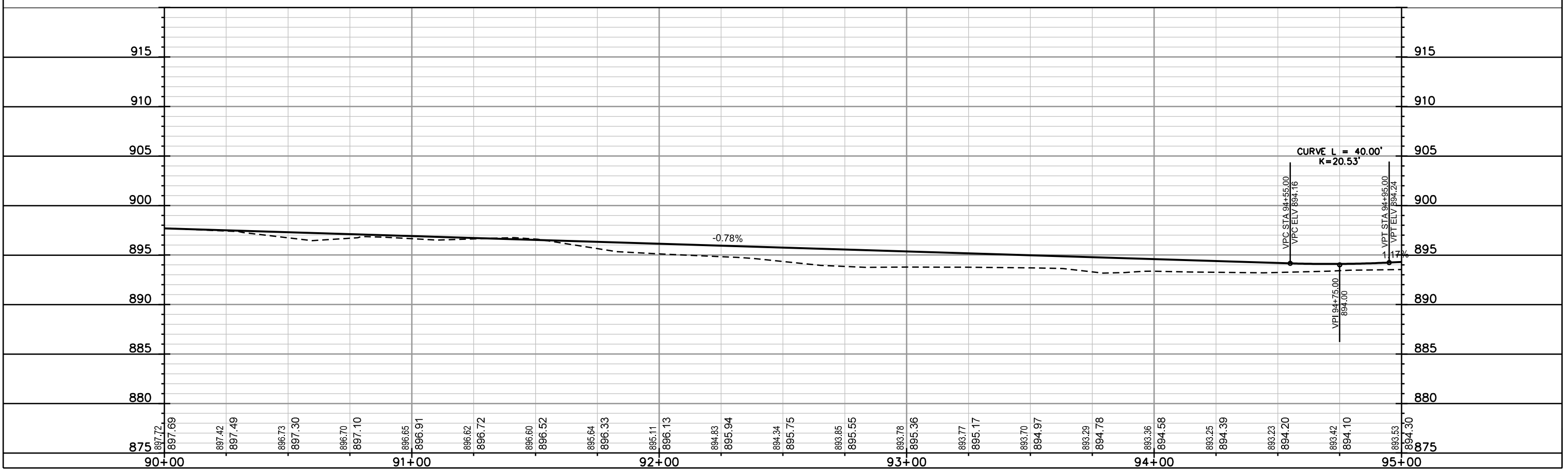
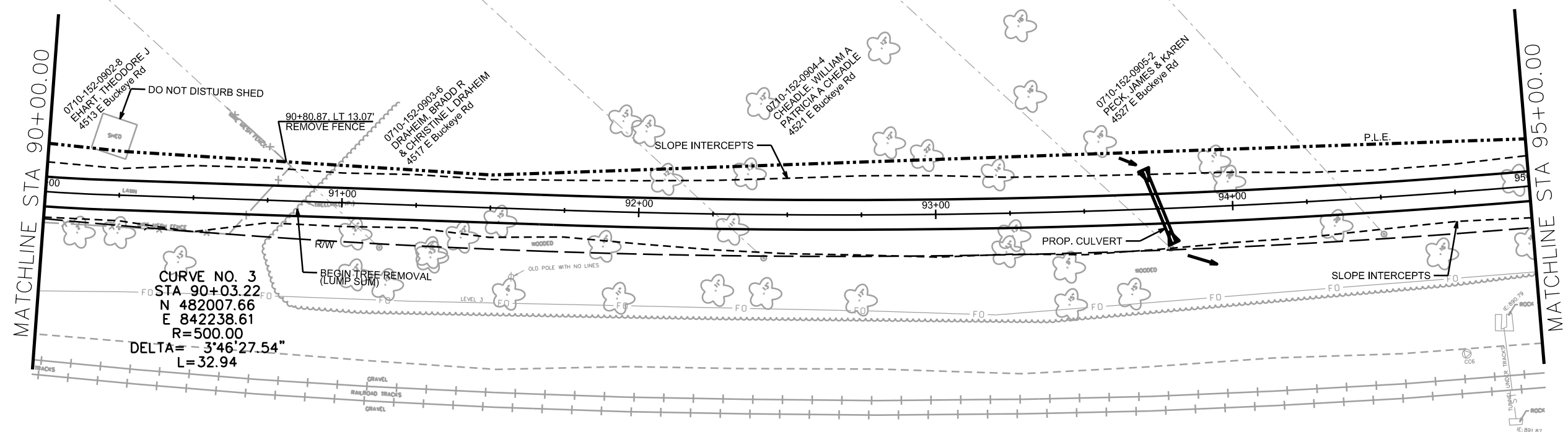


PLOT SCALE: \_\_\_\_\_

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

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

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

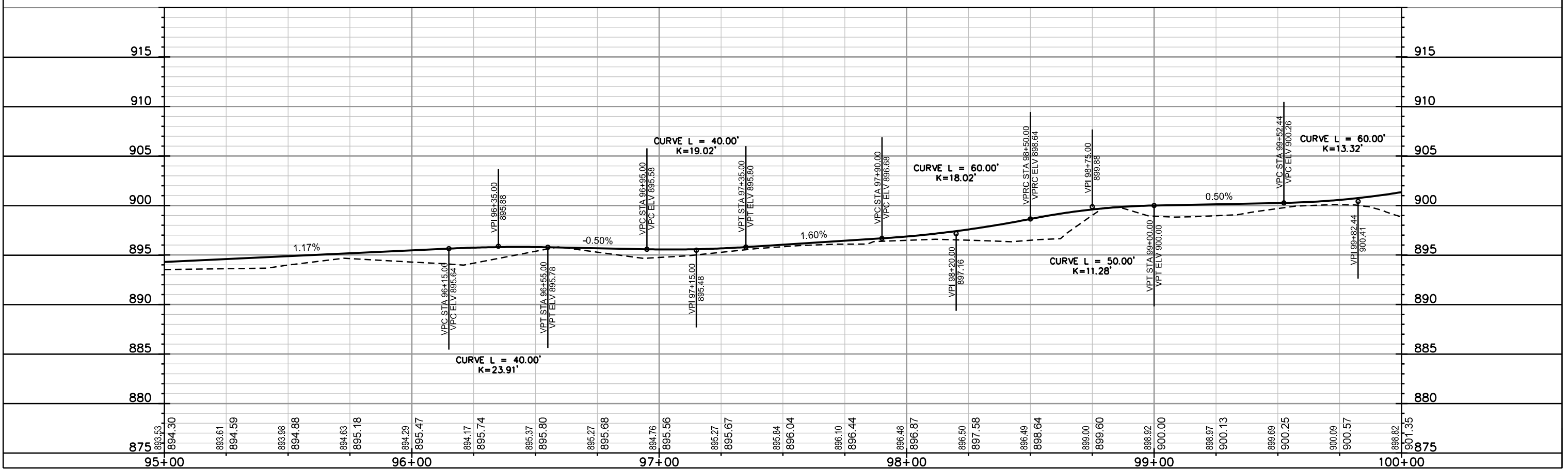
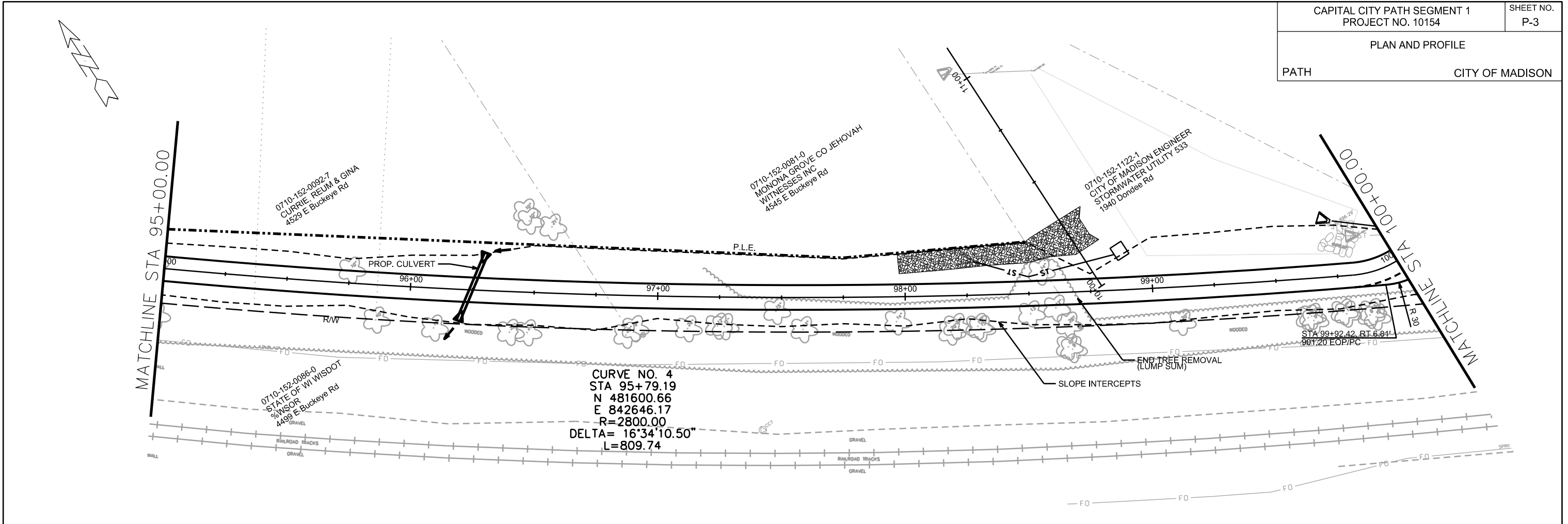


PLOT SCALE: \_\_\_\_\_  
PLOT NAME: \_\_\_\_\_  
REV. DATE: \_\_\_\_\_  
ORIGINATOR: CITY OF MADISON, STREETS DIVISION



PLAN AND PROFILE

PATH CITY OF MADISON



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

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

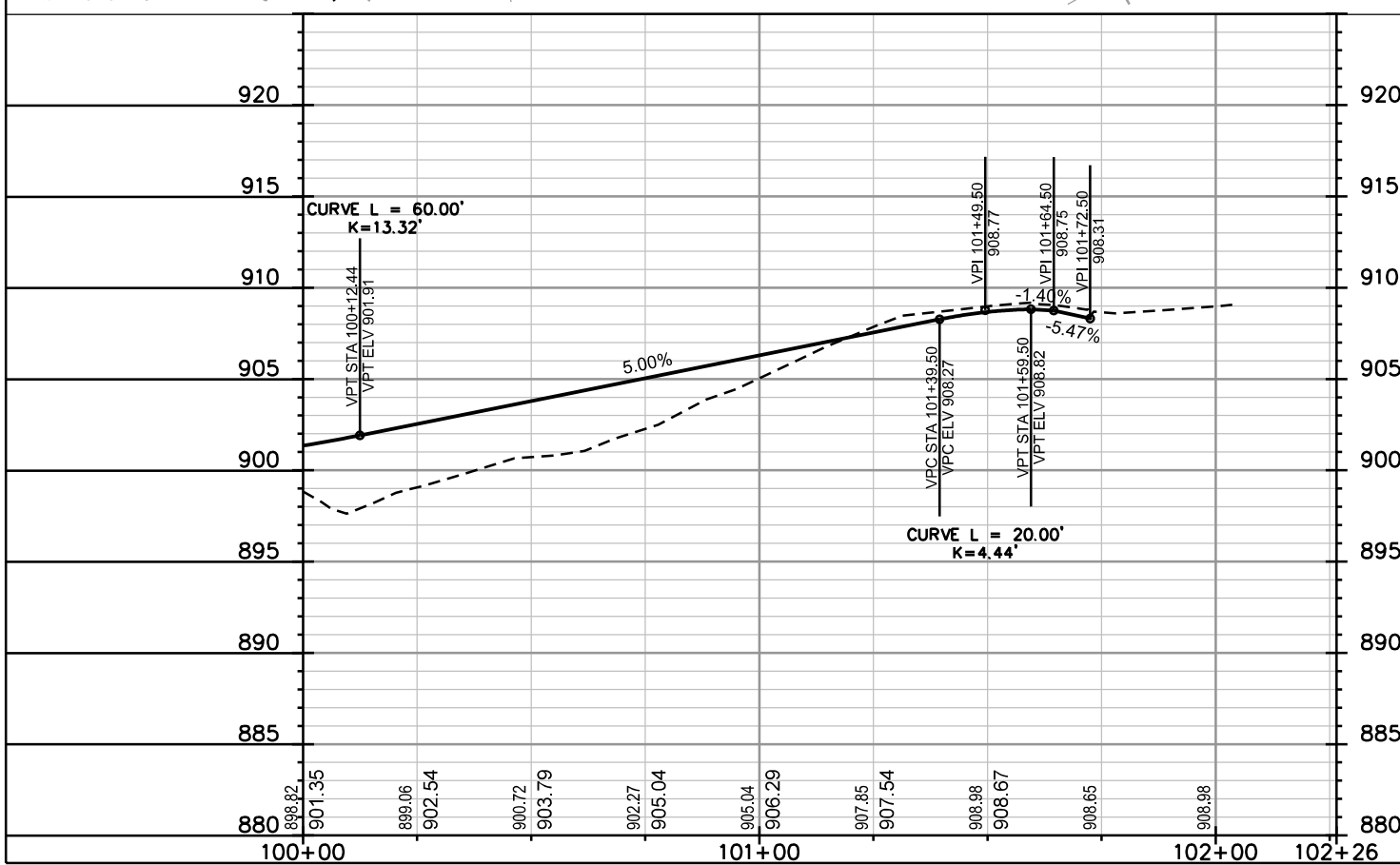
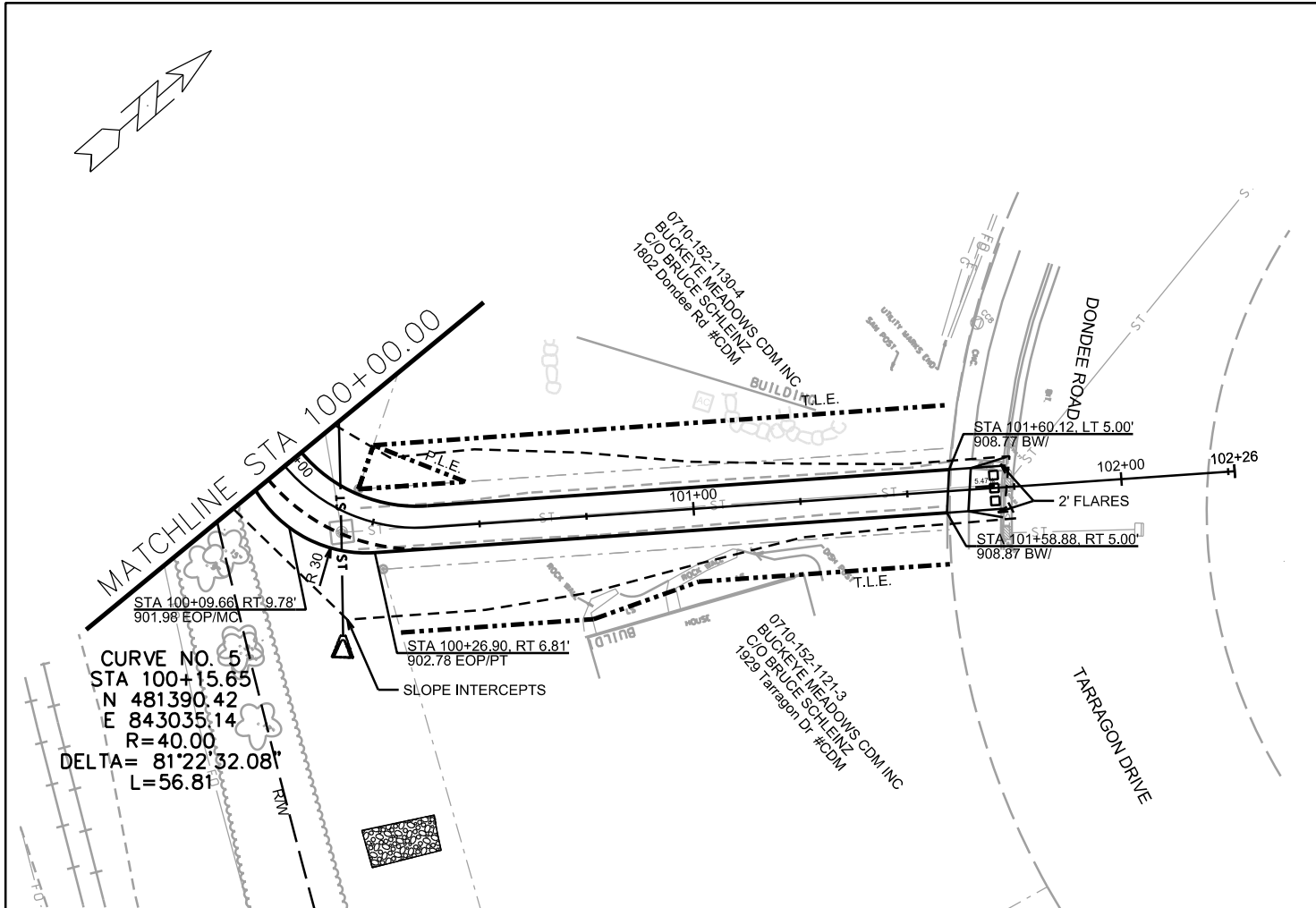
REV. DATE: \_\_\_\_\_

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

PLAN AND PROFILE

PATH

CITY OF MADISON

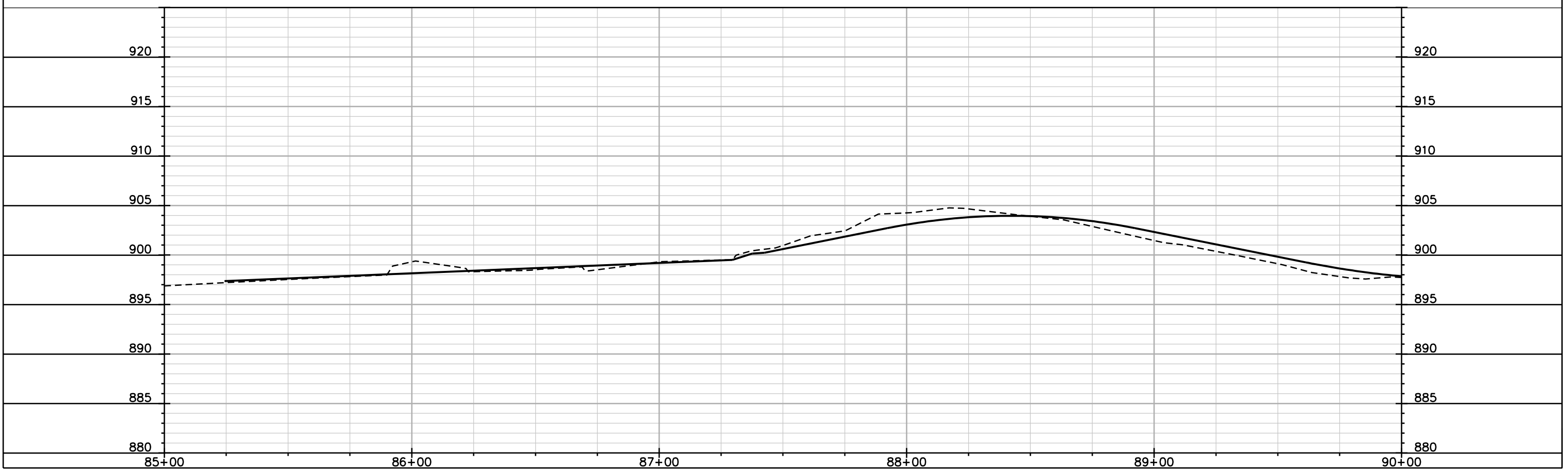
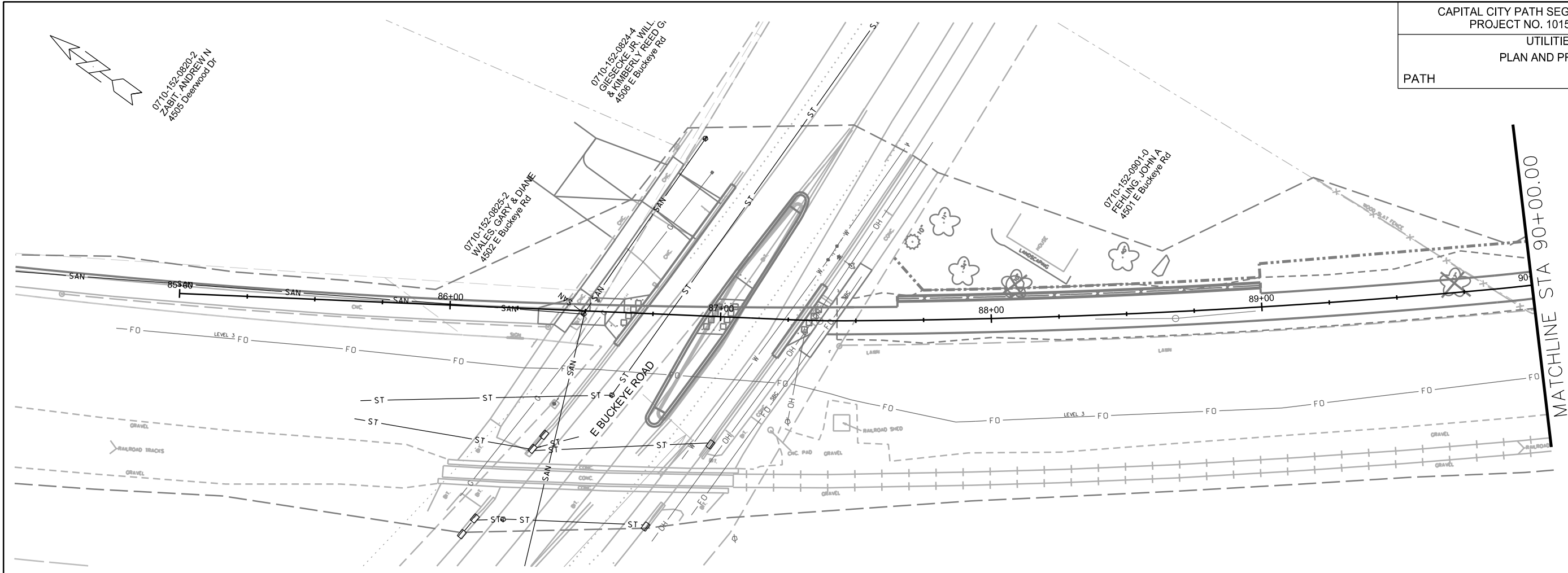


PLOT SCALE: \_\_\_\_\_

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

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

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

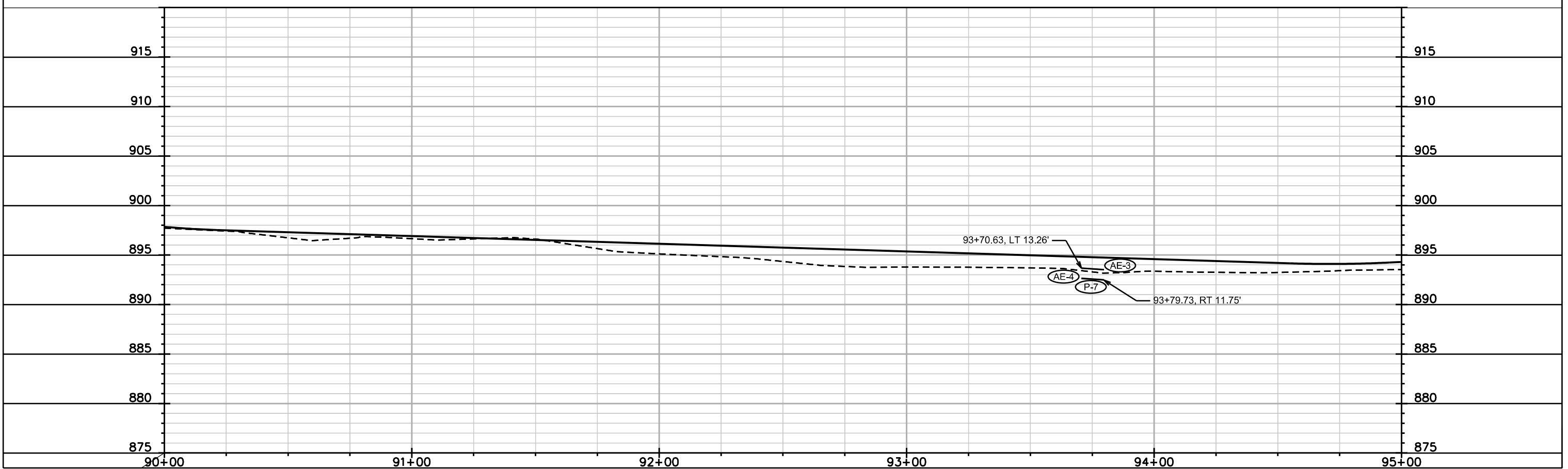
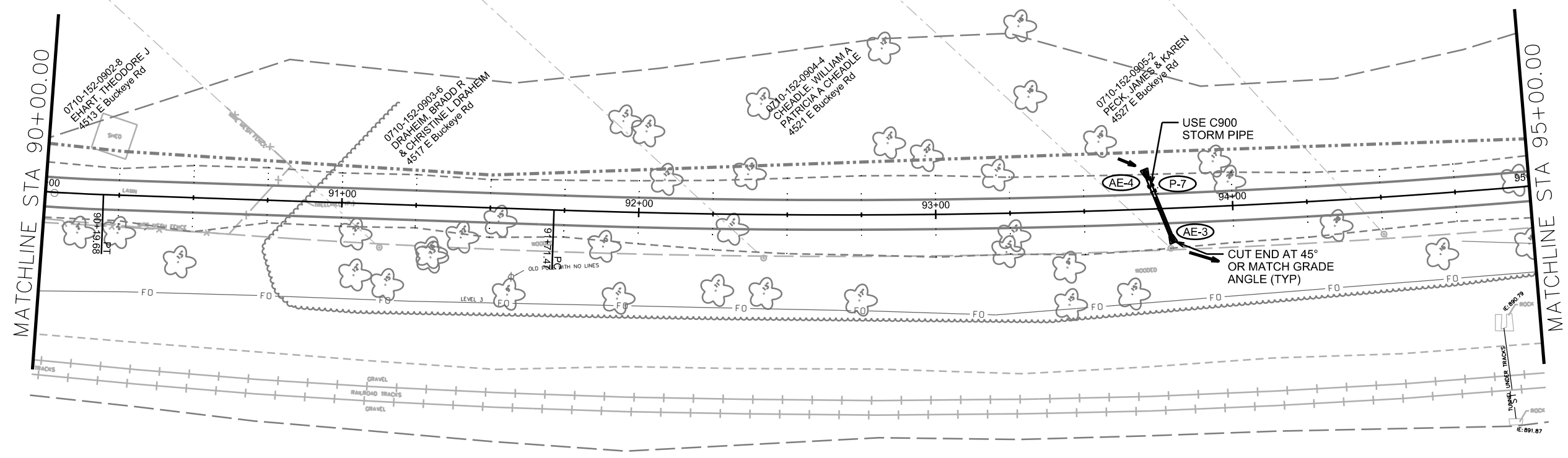
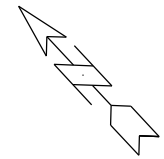


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PLOT NAME: \_\_\_\_\_

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

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

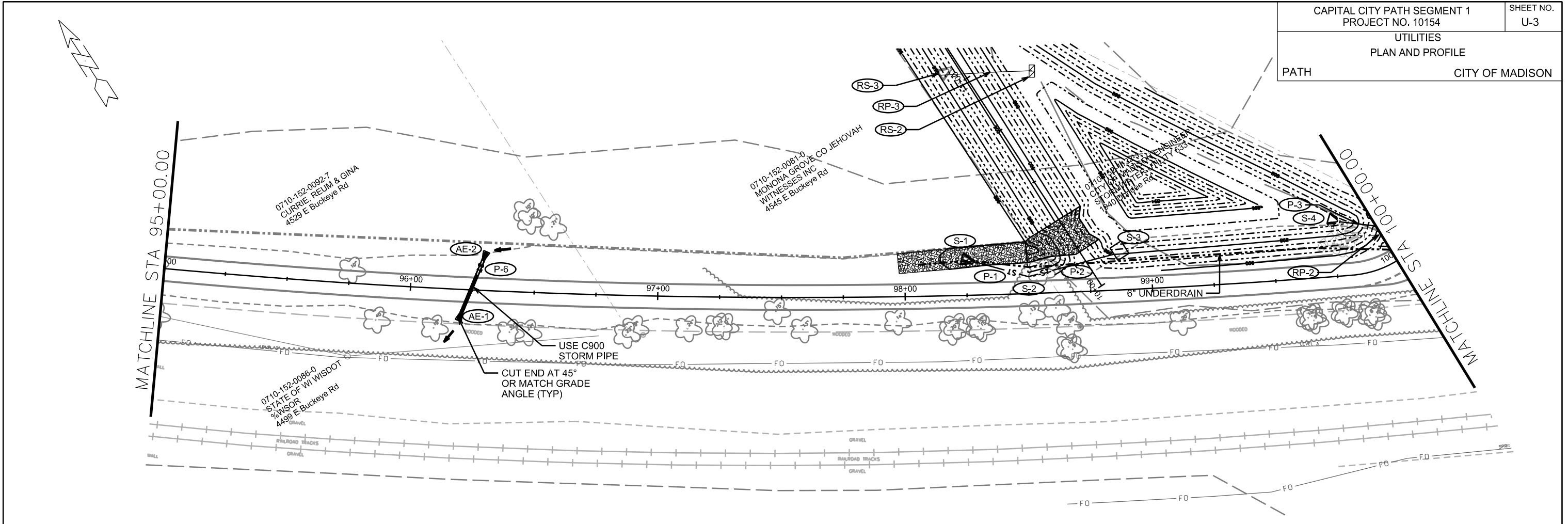


PLOT SCALE: \_\_\_\_\_

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

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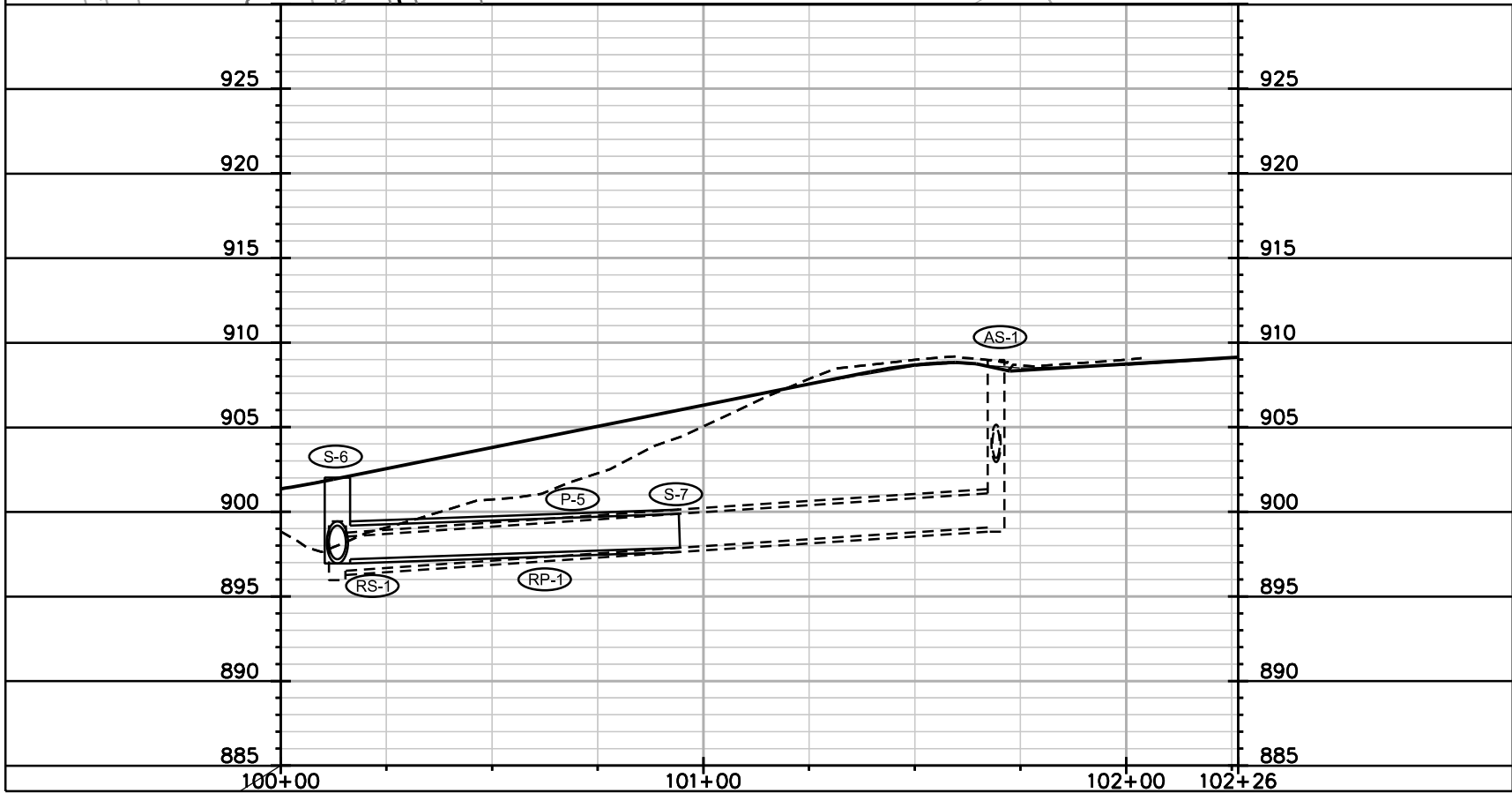
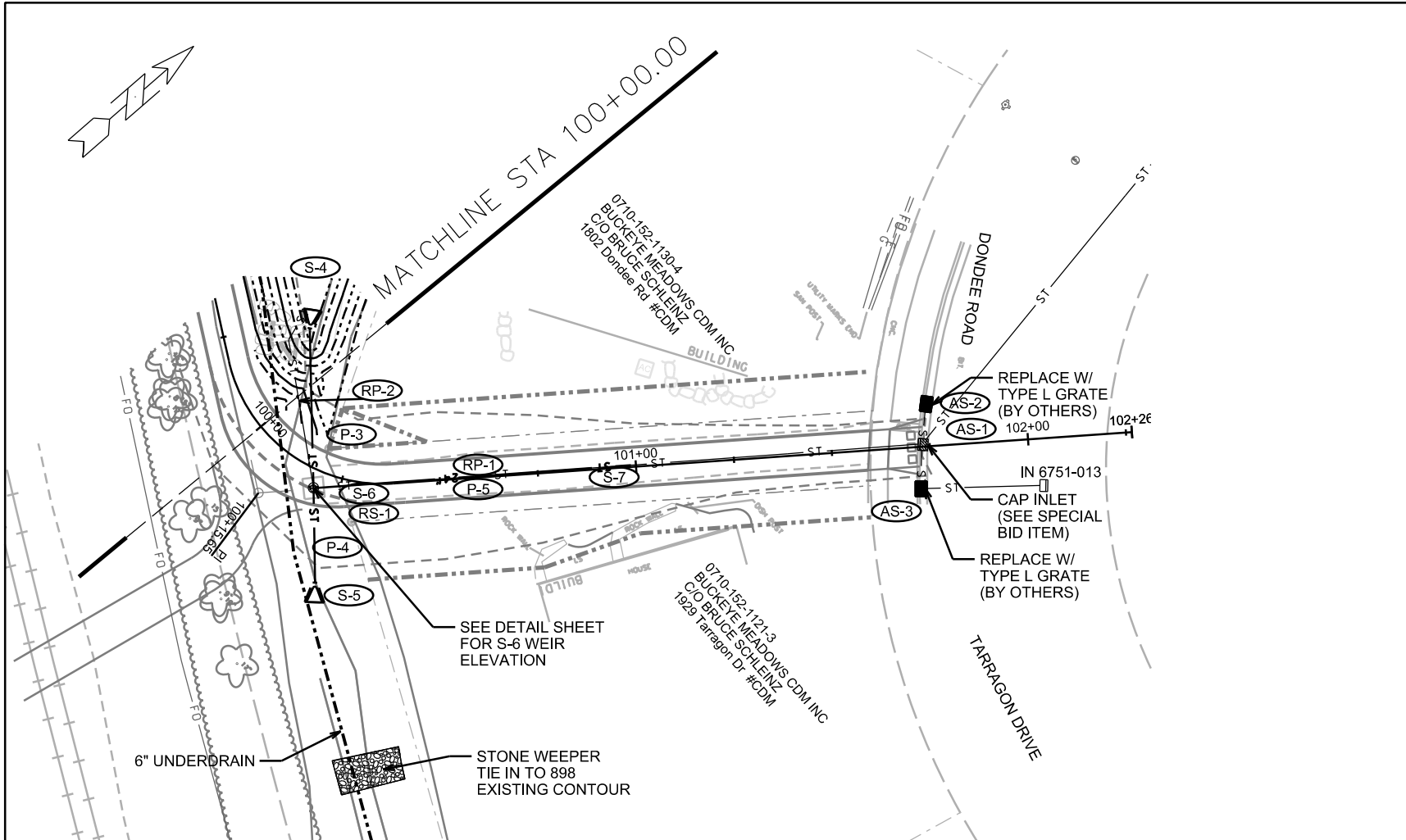
ORIGINATOR: CITY OF MADISON, STREETS DIVISION



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

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

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

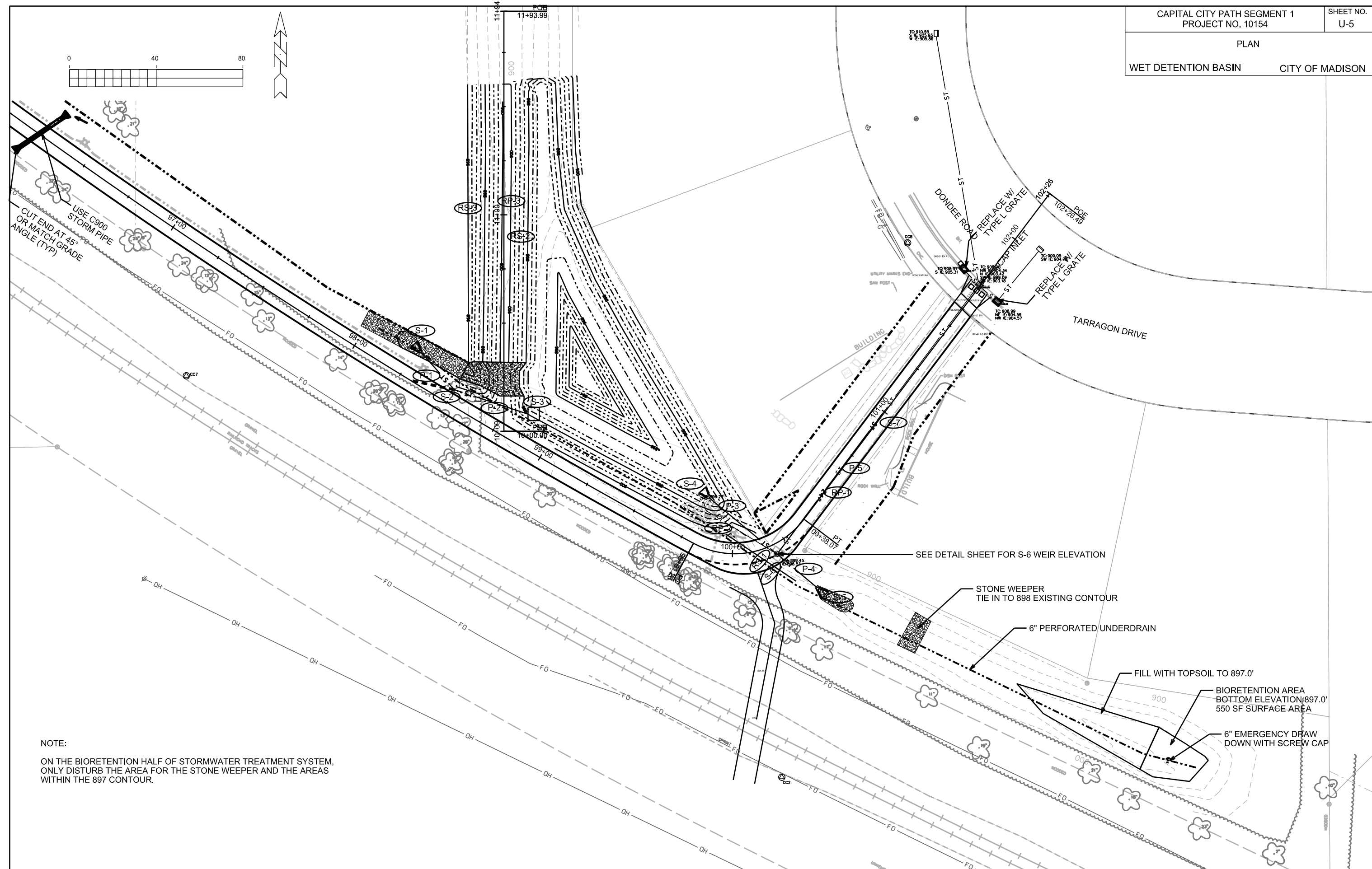
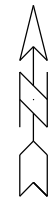
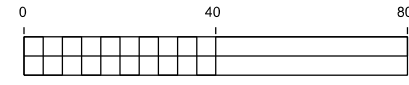


PLOT SCALE: \_\_\_\_\_

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

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

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



NOTE:  
ON THE BIORETENTION HALF OF STORMWATER TREATMENT SYSTEM,  
ONLY DISTURB THE AREA FOR THE STONE WEEPER AND THE AREAS  
WITHIN THE 897 CONTOUR.

PLOT SCALE: 40

PLOT NAME: DETENTION BASIN

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

# STORM SEWER SCHEDULE

CAPITAL CITY PATH SEGMENT 1  
PROJECT NO. 10154

SHEET NO.  
U-6

STORM SEWER SCHEDULE

CITY OF MADISON

## PROPOSED STORM STRUCTURES

STRUC. NO.	STATION	LOCATION (OFFSET)	TYPE	TOP OF CASTING	E.I.	DEPTH	NOTES
<b>SEG 1</b>							
S-1	98+27.90	LT-13.60	30" APRON END		895.00	-	INSTALL GATE
S-2	98+50.00	LT-6.84	140° BEND		895.39	-	(4)
S-3	98+87.40	LT-15.82	OUTLET STRUCTURE	899.80	896.00	3.80	FP; SEE DETAIL DRAWING
S-4	99+77.60	LT-21.91	24" APRON END		896.00	-	INSTALL GATE
S-5	100+25.00	RT-27.37	24" APRON END		897.00	-	INSTALL GATE
S-6	100+19.19	RT-4.66	FLOW DIVERSION STRUC	902.28	897.20	5.08	SEE DETAIL DRAWING
S-7	100+98+76	CL	COLLAR		897.89	-	
AE-1	96+19.91	RT-12.54	FIELD CUT APRON END		893.14	-	(1)
AE-2	96+30.13	LT-15.68	FIELD CUT APRON END		893.32	-	(1)
AE-3	93+79.73	RT-11.75	FIELD CUT APRON END		892.50	-	(2)
AE-4	93+70.63	LT-13.26	FIELD CUT APRON END		892.65	-	(2)

## PROPOSED STORM PIPES

PIPE NO.	FROM (DNSTM)	TO (UPSTM)	DISCH. E.I.	INLET E.I.	PLAN (PAY) LGTH (FT)	PIPE LGTH (FT)	SLOPE (%)	PIPE SIZE	TYPE	NOTES
<b>SEG 1</b>										
P-1	S-1	S-2	895.00	895.39	28.0	23.0	1.70%	30"	RCP	
P-2	S-2	S-3	895.39	896.00	38.5	35.9	1.70%	30"	RCP	
P-3	S-4	S-6	896.00	897.20	45.5	38.0	3.16%	24"	RCP	
P-4	S-5	S-6	897.00	897.20	24.0	21.5	0.93%	18"	RCP	
P-5	S-6	S-7	897.20	897.89	81.0	80.0	0.86%	24"	RCP	
P-6	AE-2	AE-1	893.14	893.32	30.0	30.0	0.60%	12"	TYPE II - C900	
P-7	AE-4	AE-3	892.50	892.65	26.6	26.6	0.56%	12"	TYPE II - C900	

## STORM STRUCTURE REMOVAL

ADJUST NO.	STATION	LOCATION (OFFSET)	TYPE	NOTES
<b>SEG 1</b>				
RS-1	100+19.14	RT-4.59	EX 4x4 SAS	
RS-2	98+54.14	LT-89.97	APRON END	
RS-3	98+18.43	LT-89.16	OUTLET STRUCTURE	

## STORM STRUCTURE ADJUSTMENTS

ADJUST NO.	STATION	LOCATION (OFFSET)	NOTES
<b>SEG 1</b>			
AS-1	101+73.26	LT-0.47	CAP INLET (SEE SPECIAL BID ITEM)
AS-2	101+74.80	LT-10.75	REPLACE EX GRATE W/ TYPE L GRATE (BY OTHERS)
AS-3	101+72.02	RT-10.70	REPLACE EX GRATE W/ TYPE L GRATE (BY OTHERS)

## STORM PIPE REMOVAL

REMOVE NO.	REMOVE FROM	REMOVE TO	LENGTH (FT)	PIPE SIZE	PIPE TYPE	PAID (Y/N)	NOTES
RP-1	S-7	S-6	81.0	24"	RCP	N	
RP-2	S-6	END	35.5	24"X38"	HERCP	N	REMOVE EX APRON END
RP-3	RS-3	RS-2	41.0	27"	RCP	Y	(3)

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

## STANDARD NOTES:

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

- APPROXIMATE DISCHARGE E.I. GIVEN, ADJUST E.I. AND PIPE SLOPE IN THE FIELD.
- TOP OF CASTING GRADE GIVEN IS THE TOP OF CURB FOR INLET STRUCTURES AND THE FLOWLINE OF THE CLOSED CASTING FOR SAS's.
- TOP OF CONCRETE ROOF (TR) IS 1.25' BELOW TOP OF CASTING UNLESS OTHERWISE NOTED.
- ALL REINFORCED CONCRETE PIPES TO BE CLASS III UNLESS OTHERWISE NOTED.
- SURVEYOR TO CONFIRM THAT ALL INLET STATION / OFFSETS LINE UP WITH PROPOSED CURB AND GUTTER.
- ALL 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 DANIEL OLIVARES OF CITY ENGINEERING AT (608) 261-9285 FOR PRECAST APPROVALS, FAX SHOP DRAWINGS TO (608)264-9275, OR EMAIL SHOP DRAWINGS TO DAOLIVARES@CITYOFMADISON.COM.

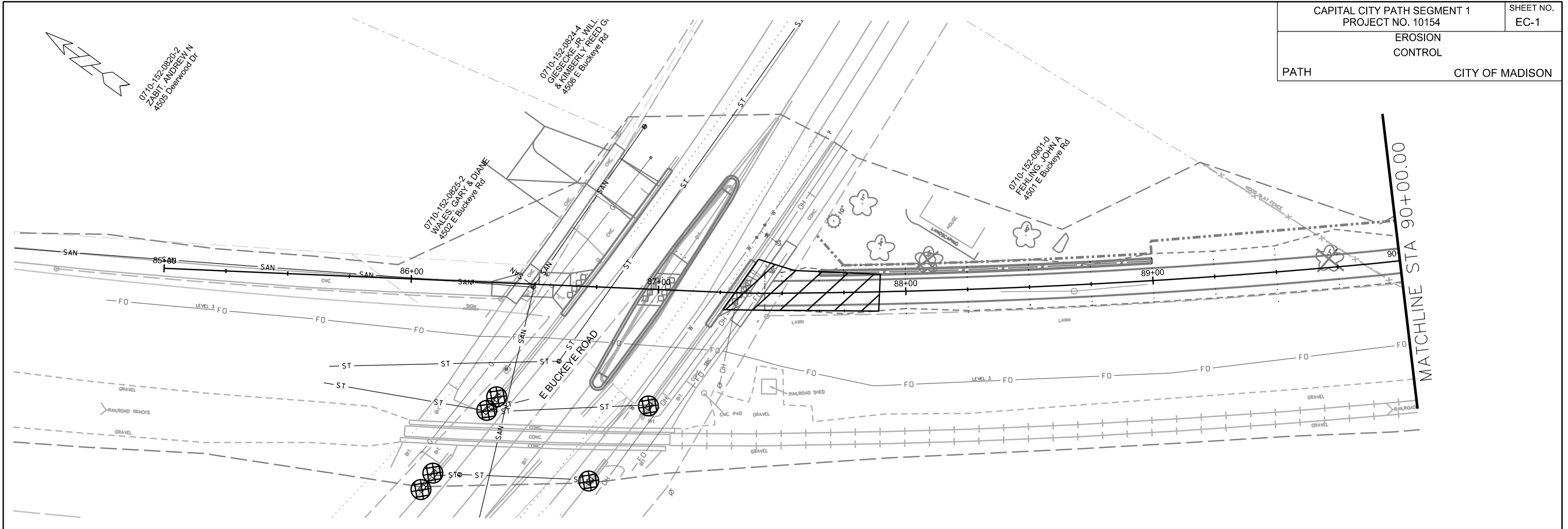
## SPECIFIC NOTES







- (1) CUT END OF P-1 TO 45° OR MATCH GRADE
- (2) CUT END OF P-2 TO 45° OR MATCH GRADE
- (3) VERIFY IN FIELD - MAY INCLUDE 23'-27" RCP AND 18'-12" PVC
- (4) PAID AS COLLAR



EROSION  
CONTROL

PATH CITY OF MADISON



-  STREET CONSTRUCTION ENTRANCE BERM
-  CONSTRUCTION ENTRANCE
-  TYPE D HYBRID INLET PROTECTION
-  TYPE C INLET PROTECTION
-  SILT SOCK INLET PROTECTION
-  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 THE WDNRSOC STANDARDS AND CITY OF MADISON STANDARD SPECIFICATIONS.

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

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

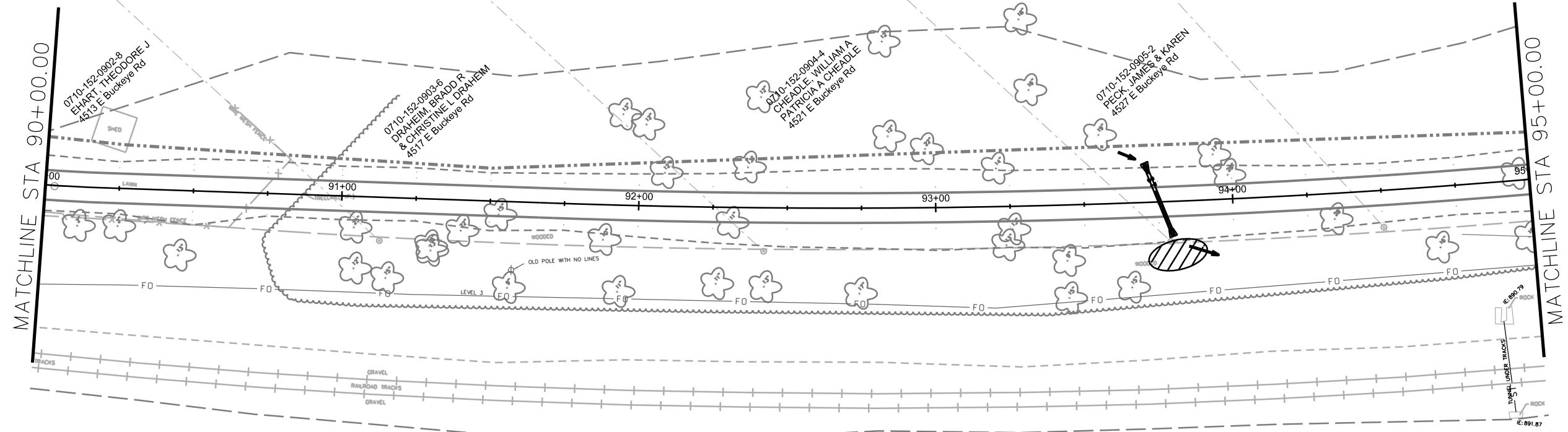
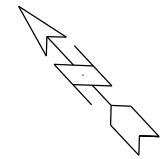
POLYMER SHALL BE APPLIED TO DISTURBED AREAS AS DIRECTED BY THE CONSTRUCTION ENGINEER.







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

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

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

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



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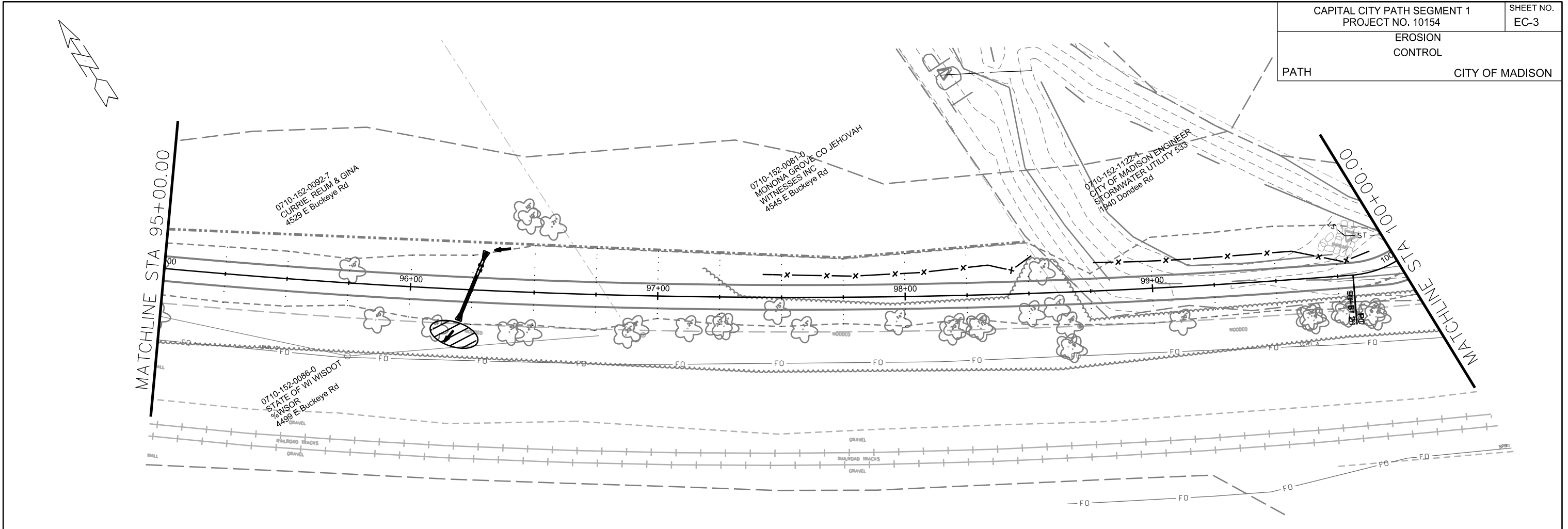
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
PLOT SCALE: \_\_\_\_\_

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

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

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



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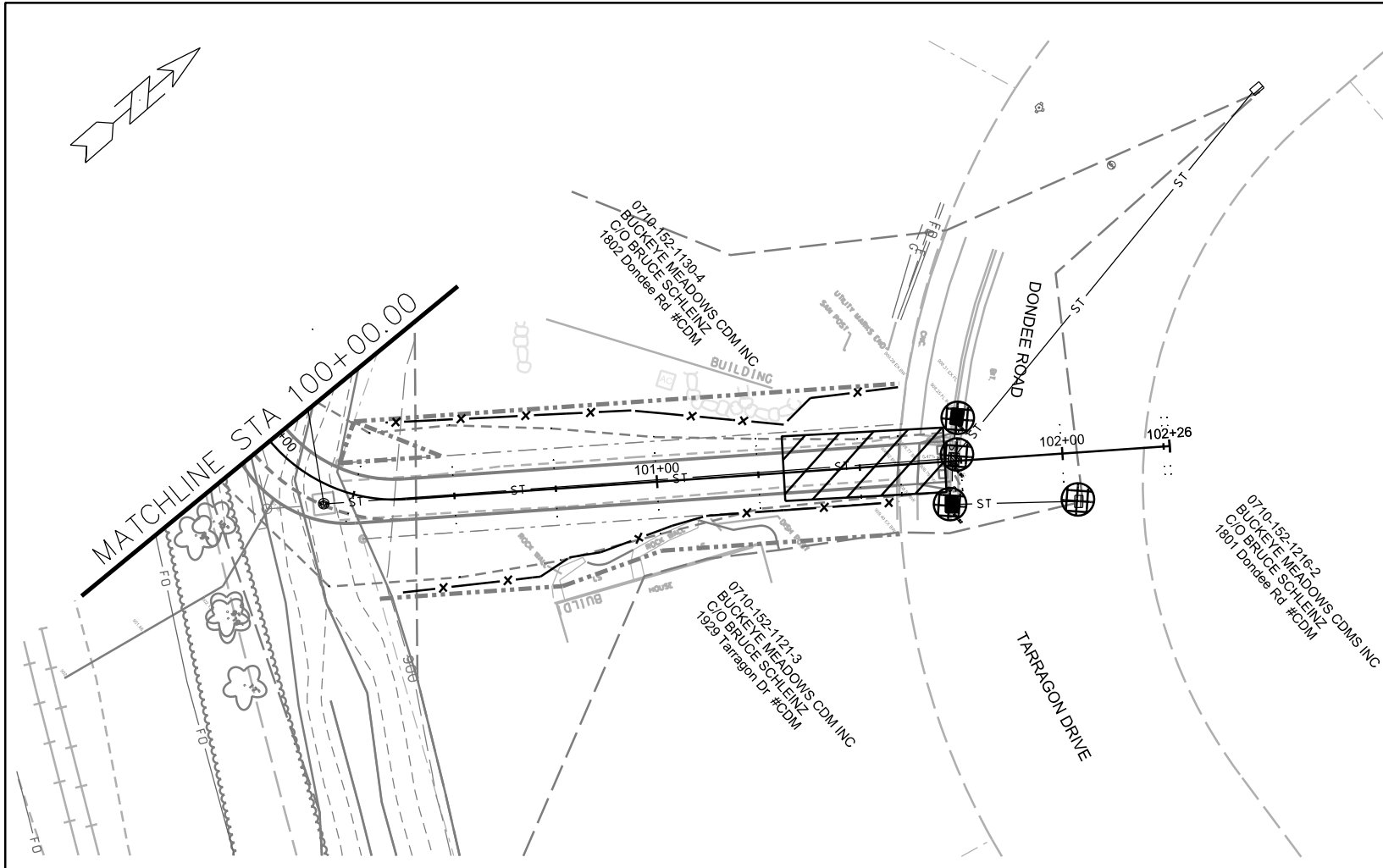
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	STREET CONSTRUCTION ENTRANCE BERM
	CONSTRUCTION ENTRANCE
	TYPE D HYBRID INLET PROTECTION
	TYPE C INLET PROTECTION
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PLOT SCALE: \_\_\_\_\_

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

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

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

Remark all existing markings not removed  
between new median and intersection.

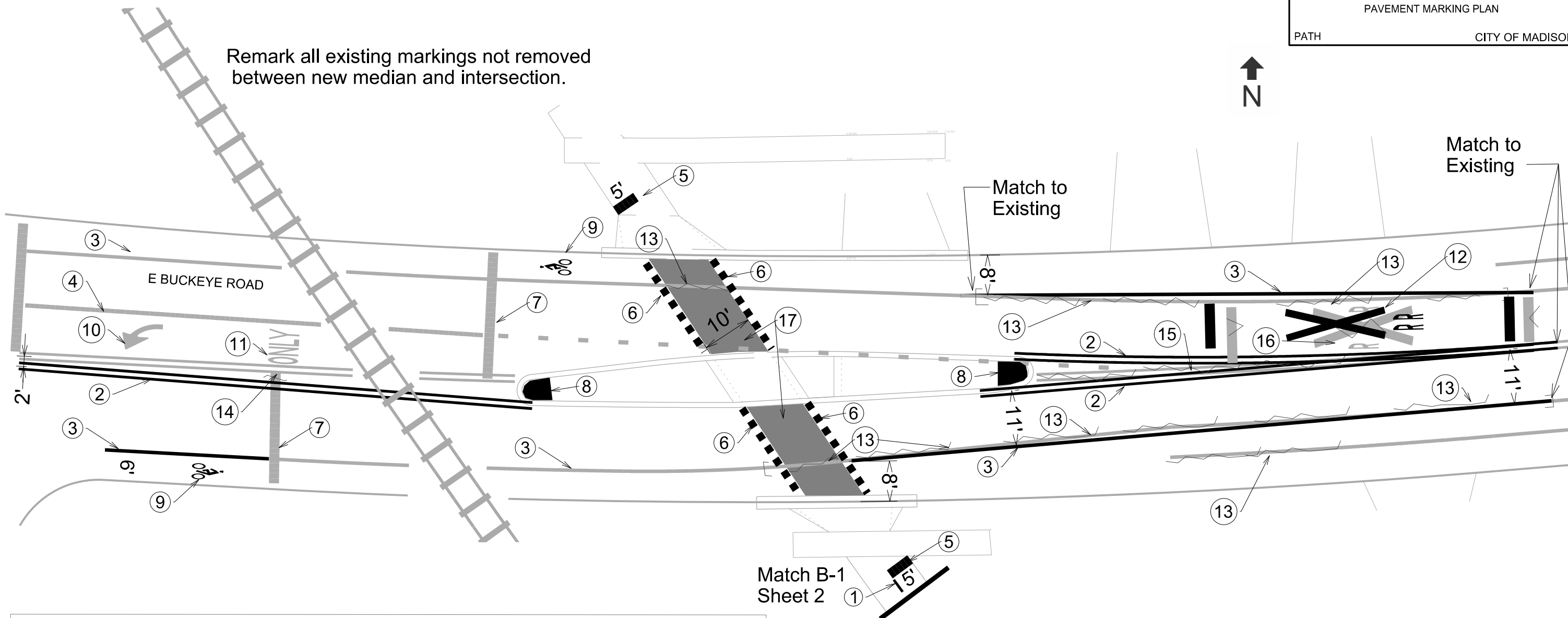


PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.



1	60800	PAVEMENT MARKING EPOXY, LINE, 4-INCH, 3' Line x 9' Gap-Yellow
2	60801	PAVEMENT MARKING EPOXY, DOUBLE LINE, 4-INCH-Yellow
3	60802	PAVEMENT MARKING EPOXY, LINE, 6-INCH-White
4	60803	PAVEMENT MARKING EPOXY, LINE, 8-INCH-White
5	60815	PAVEMENT MARKING EPOXY, CROSSWALK, 18-INCH-White
6	60817	PAVEMENT MARKING EPOXY, ROUNDABOUT EDGE LINE, 18-INCH-White
7	60818	PAVEMENT MARKING EPOXY, STOP LINE, 24-INCH-White
8	60820	PAVEMENT MARKING EPOXY, MEDIAN NOSE-Yellow
9	60823	PAVEMENT MARKING EPOXY, SYMBOL, BIKE LANE-White
10	60829	PAVEMENT MARKING EPOXY, SYMBOL, LEFT ARROW-White
11	60834	PAVEMENT MARKING EPOXY, WORD, ONLY-White
12	60835	PAVEMENT MARKING EPOXY, SYMBOL, RAILROAD CROSSING-White
13	60881	PAVEMENT MARKING REMOVAL, 6-INCH
14	60885	PAVEMENT MARKING REMOVAL, 24-INCH
15	60886	PAVEMENT MARKING REMOVAL, 4" DOUBLE LINE
16	60892	PAVEMENT MARKING REMOVAL, SYMBOL, RAILROAD CROSSING
17	9XXX	HIGH FRICTION COLORED SURFACE-BIKE LANE GREEN

Match B-1 Sheet 1

Match B-2

Capital City Path

5'15'



Match B-2

Match B-3

Capital City Path

5'15'



Match B-3

Match B-5  
Sheet 3

Capital City Path

5'15'



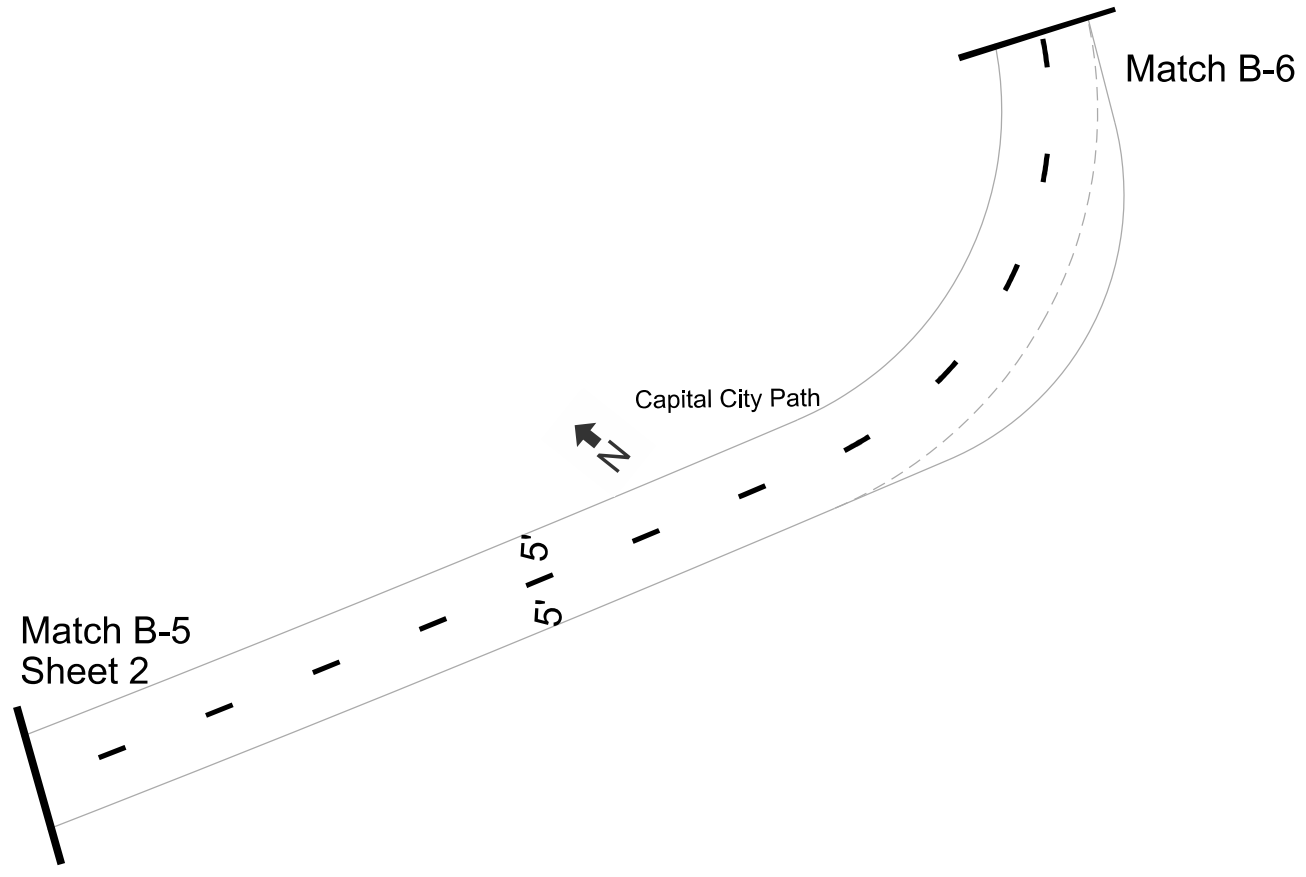
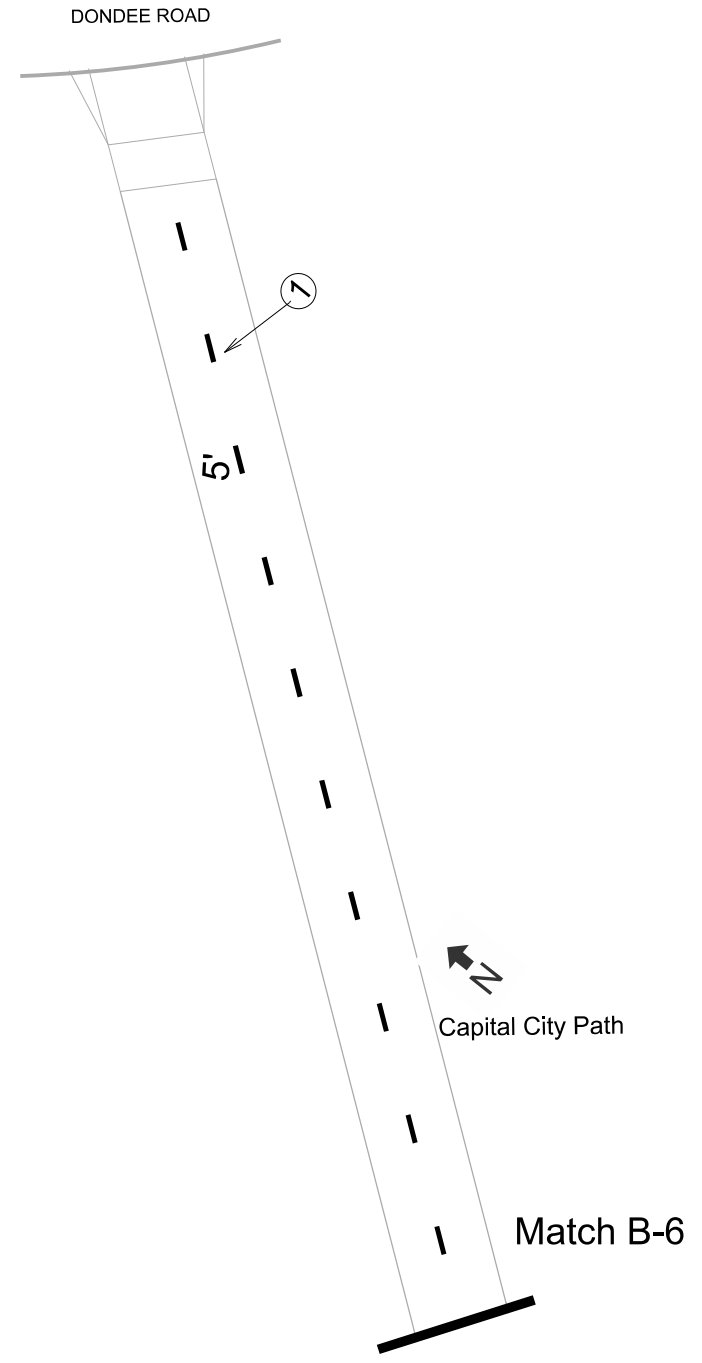
Capital City Path

Match B-4

5'15'



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



PLOT SCALE:

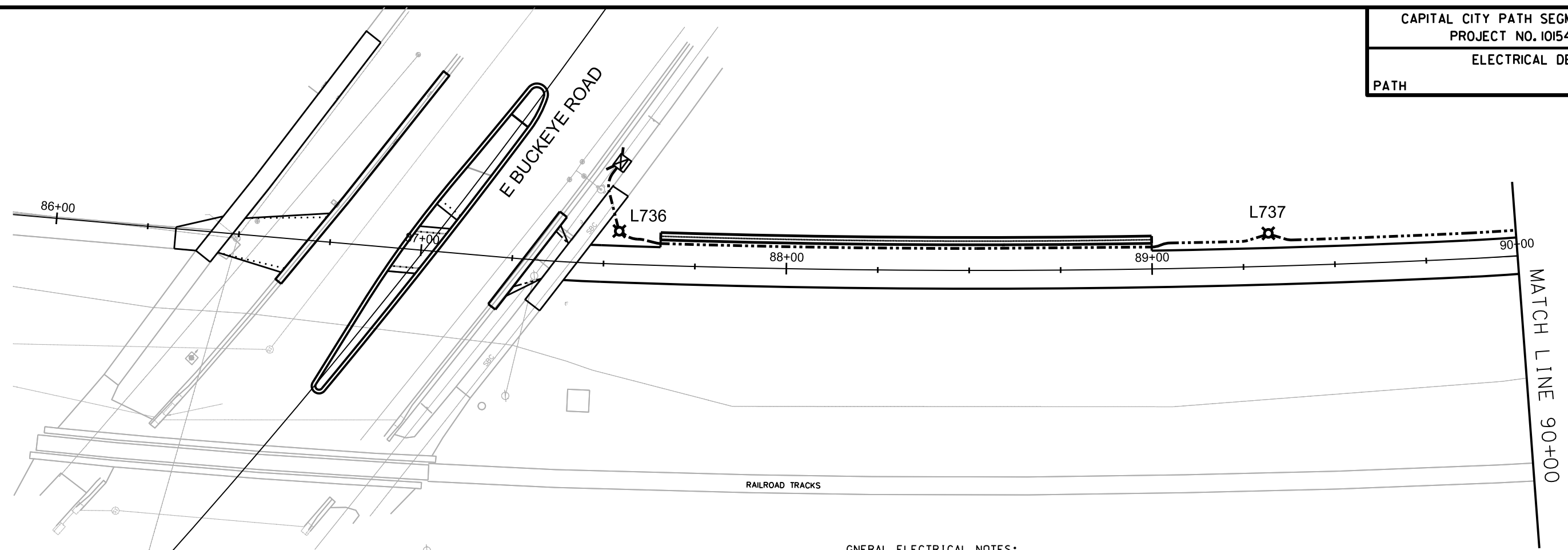
PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.

ELECTRICAL DETAILS

PATH CITY OF MADISON



- 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 BRIAN SMITH (261-9625) CITY TRAFFIC ENGINEERING, AT LEAST 24-HOURS IN ADVANCE OF NEEDING BASE LOCATIONS MARKED.
  2. THE CONTRACTOR SHALL DO ALL WORK IN ACCORDANCE WITH CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION 2017 EDITION AND ALL ADDENDUMS THERETO. ALL CONDUIT SHALL BE PVC SCHEDULE 80 UNDER PAVEMENT OR SCHEDULE 40 OTHERWISE. PULL WIRE REQUIRED AS PER STANDARD SPECIFICATIONS.
  3. THE CONTRACTOR SHALL CALL MIKE CHRISTOPH (266-4767) AT THE TRAFFIC ENGINEERING SHOP AT LEAST 24-HOURS IN ADVANCE OF POURING BASES OR BURYING CONDUIT TO ARRANGE FOR INSPECTION.
  4. THE FOLLOWING CITY FURNISHED MATERIALS ARE TO BE PICKED UP AT THE TRAFFIC TRAFFIC OPERATION SHOP, 1120 SAYLE STREET. NOTIFY DENNIS ROWE AT 266-9034 TWENTY FOUR (24) HOURS PRIOR TO PICKING UP THE MATERIAL.

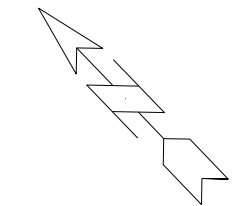
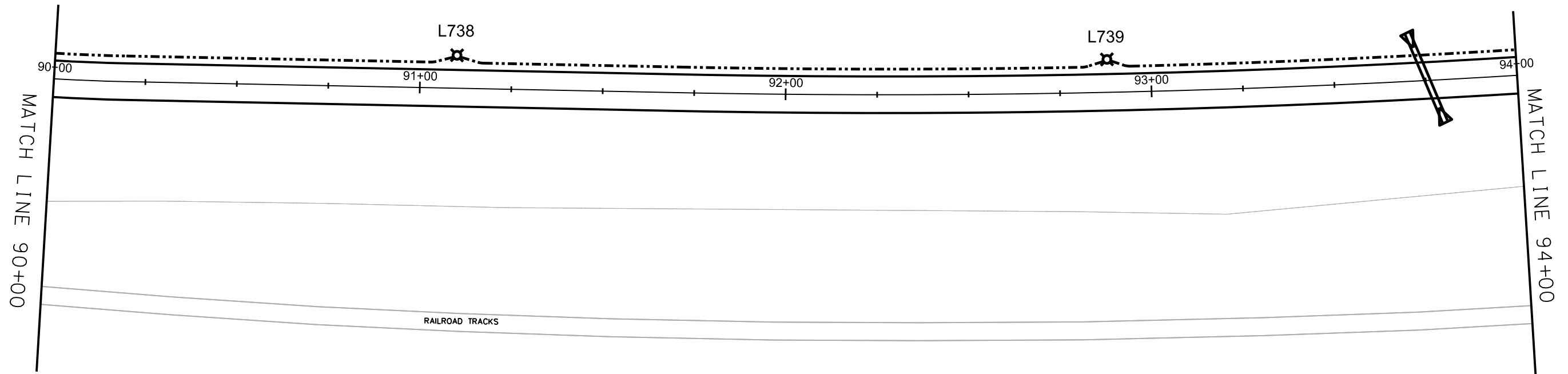
3/4" x 24" ANCHOR BOLTS: 8 SETS OF 4

SCALE: 1" = 30'

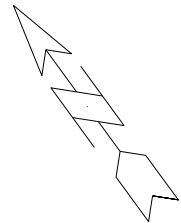
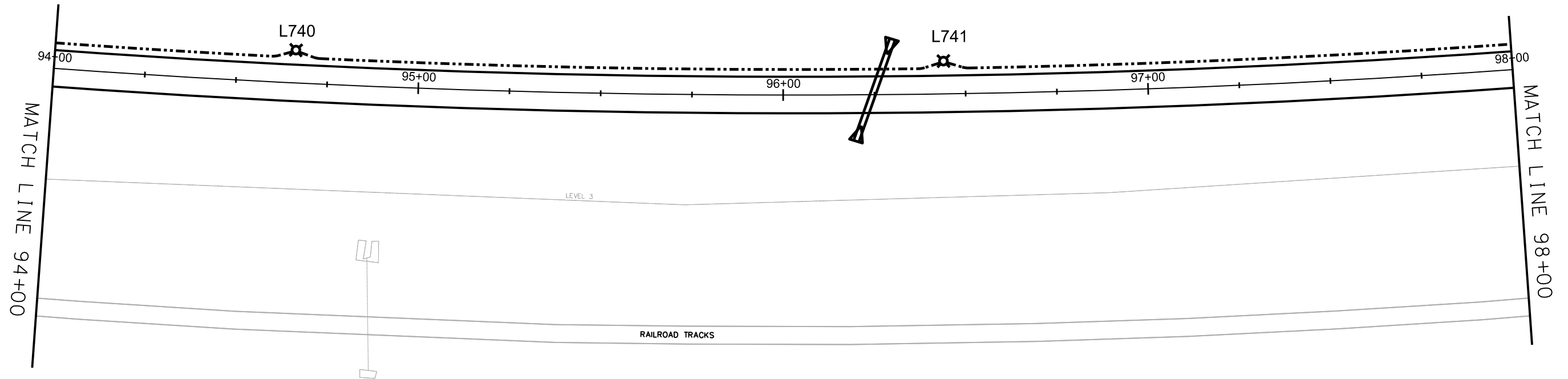
LEGEND

- PLACE STREET LIGHTING PVC CONDUIT, 2"
- CONSTRUCT ELECTRICAL HANDHOLE TYPE 3
- ⊗ CONSTRUCT LB-2 BASE
- ⊗ CONSTRUCT TYPE "M" BASE





SCALE: 1" = 30'

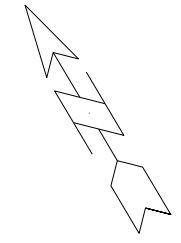
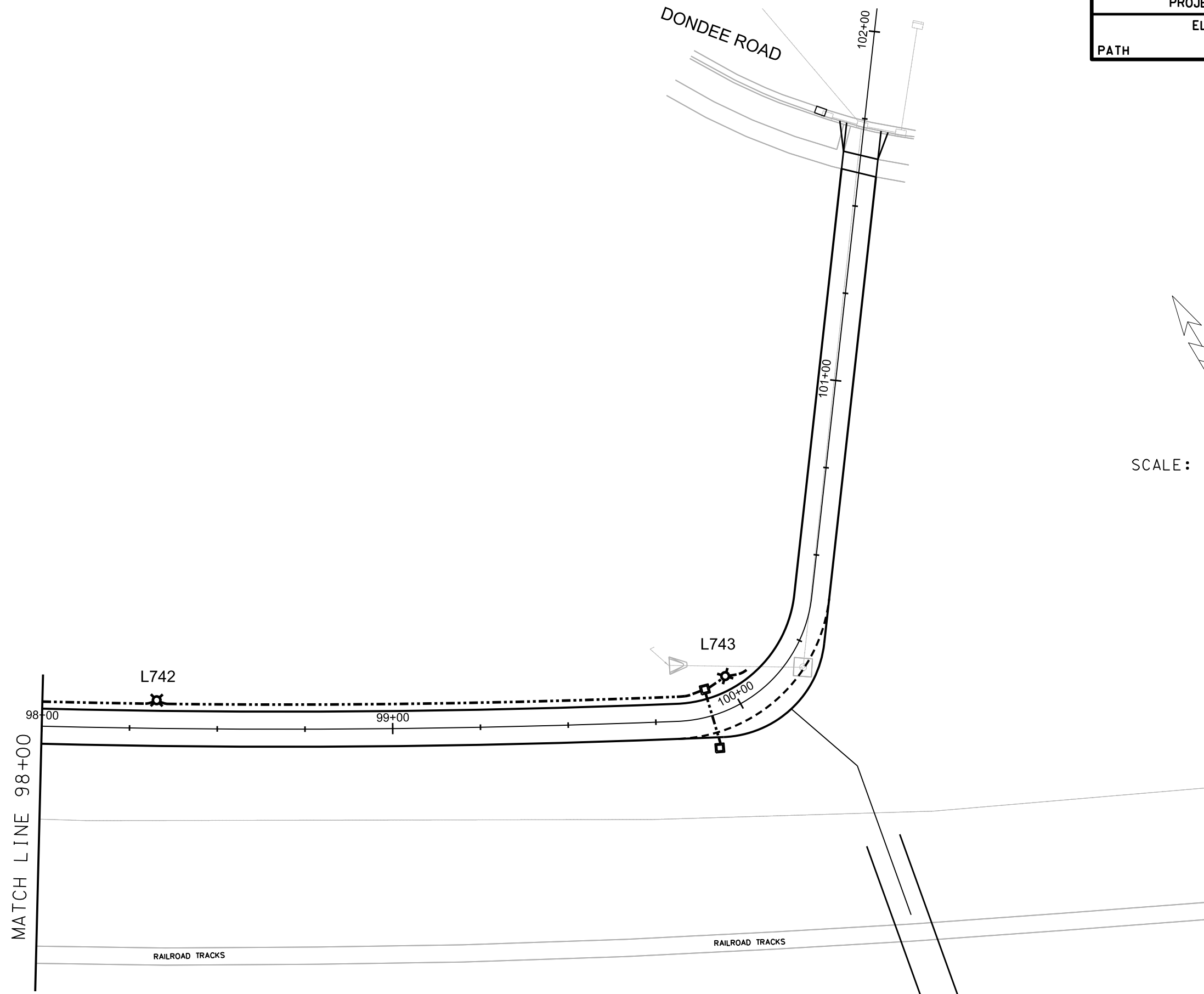


SCALE: 1" = 30'

ELECTRICAL DETAILS

PATH

CITY OF MADISON



SCALE: 1" = 30'

CROSS SECTIONS

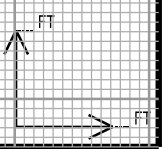
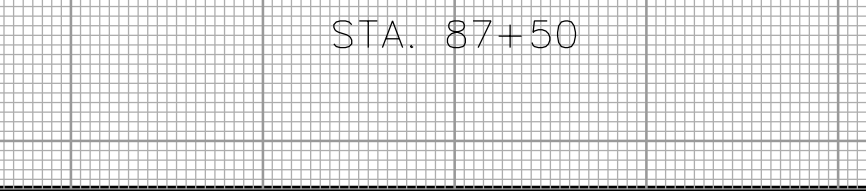
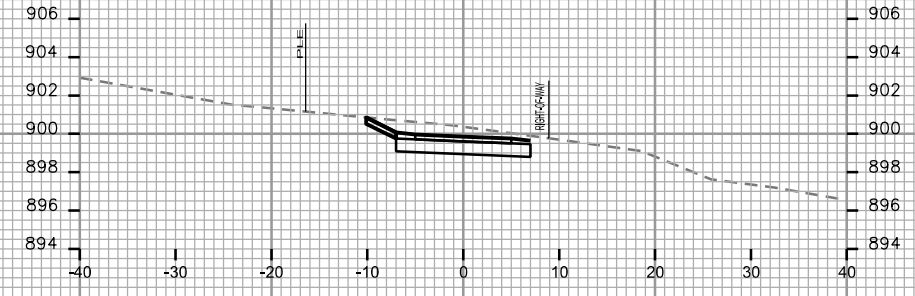
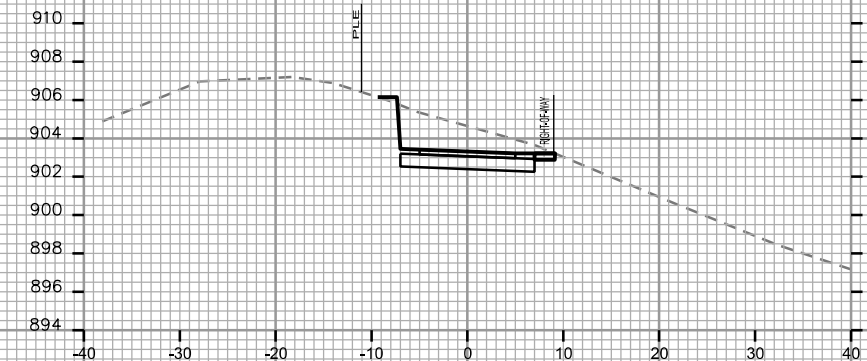
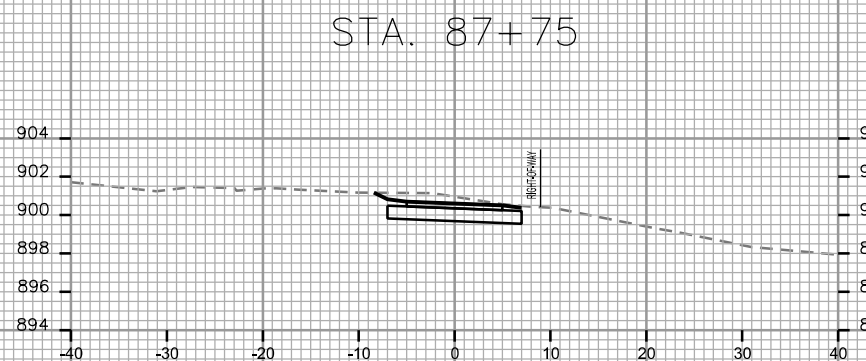
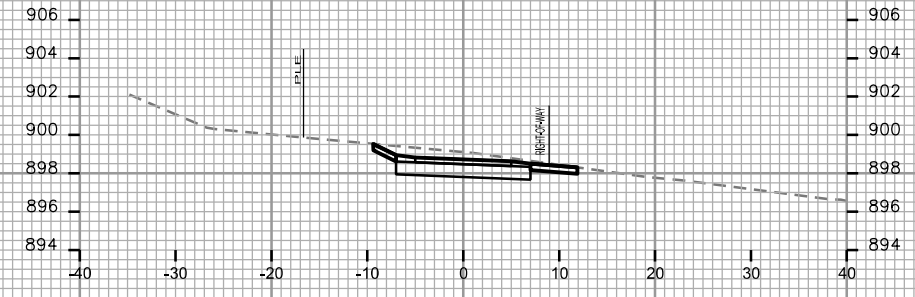
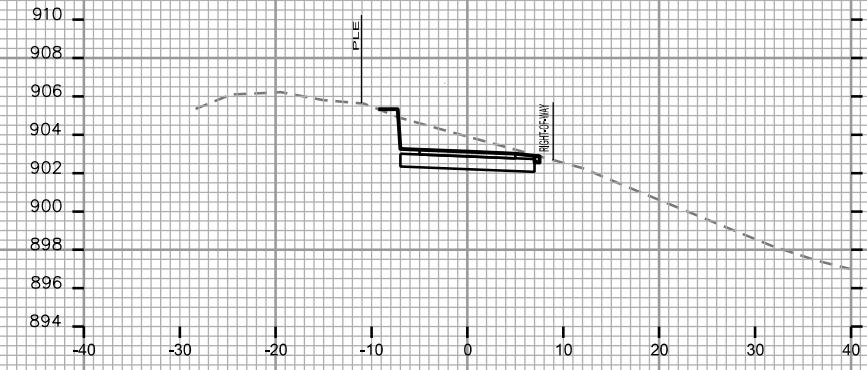
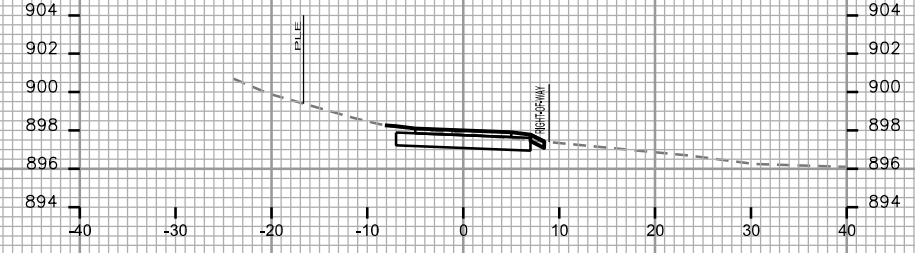
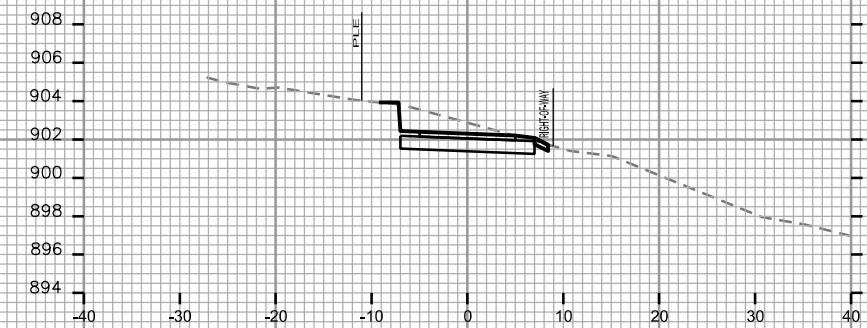
PATH CITY OF MADISON

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

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

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

ORIGINATOR: CITY OF MADISON - STREETS DIVISION



CROSS SECTIONS

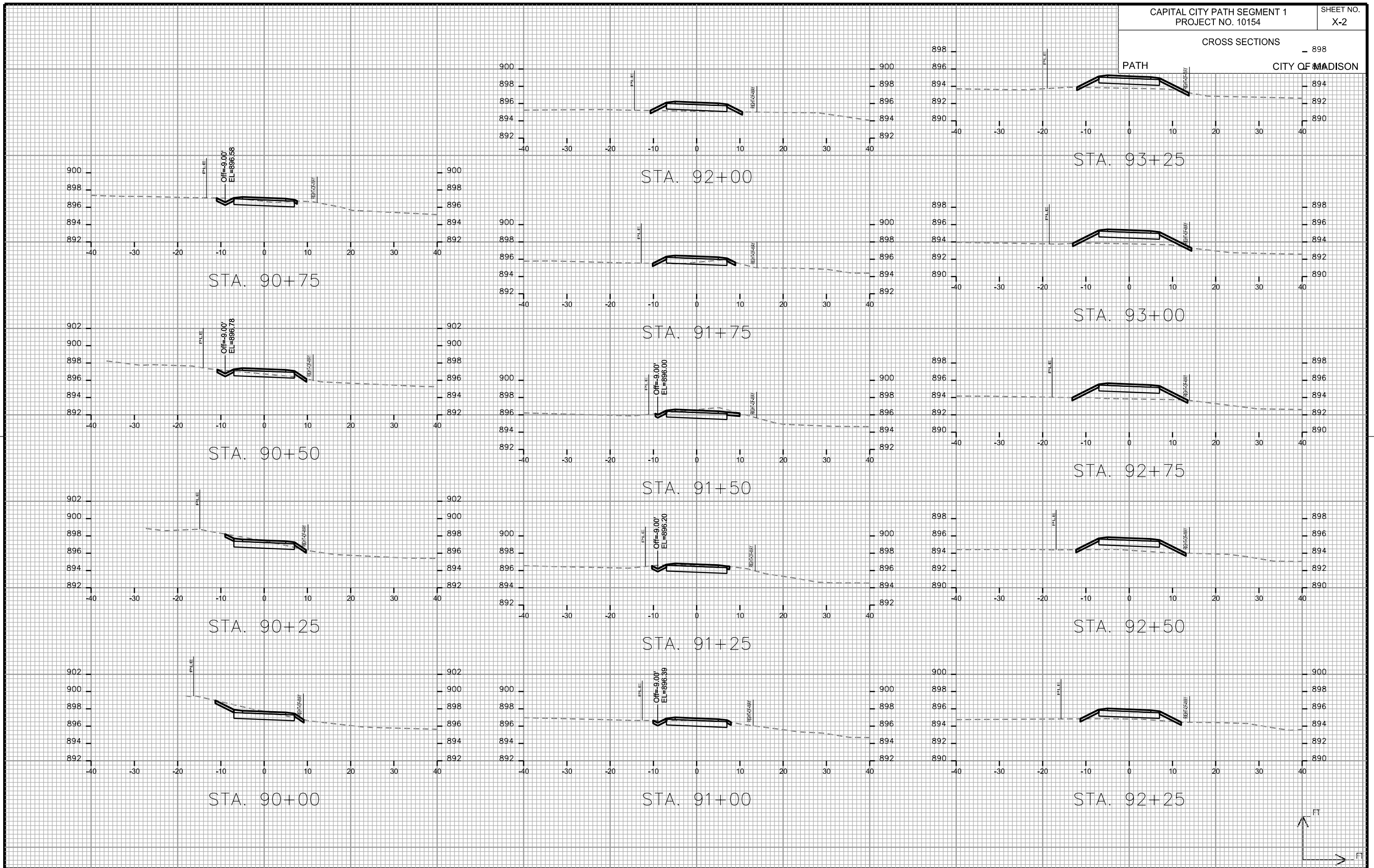
CITY OF MADISON

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

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

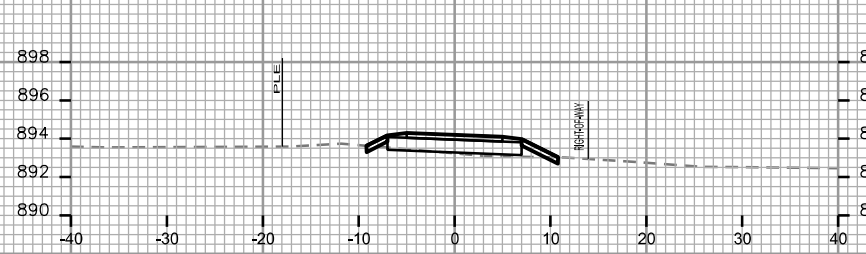
REV. DATE: \_\_\_\_\_

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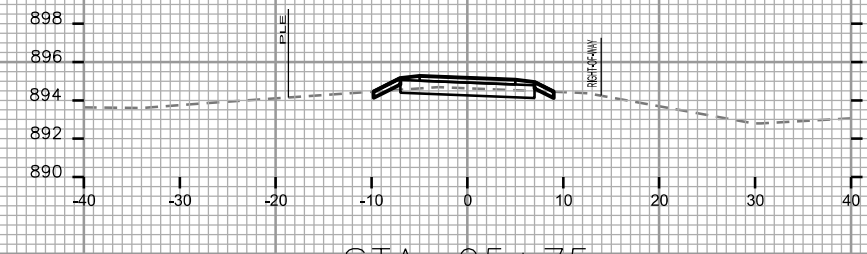


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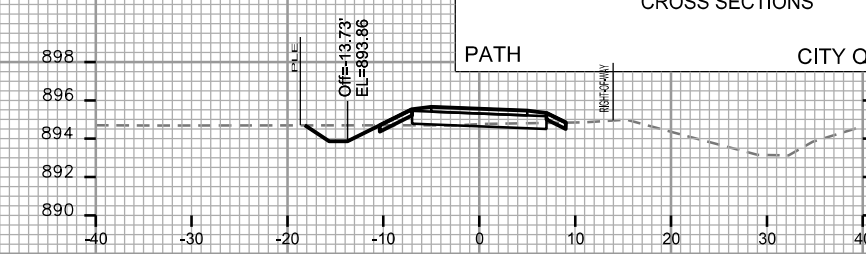
PATH CITY OF MADISON



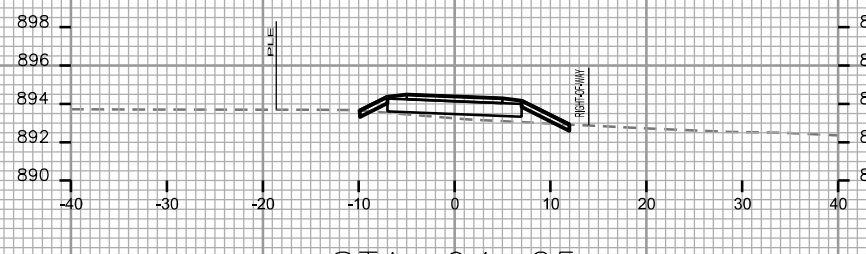
STA. 94+50



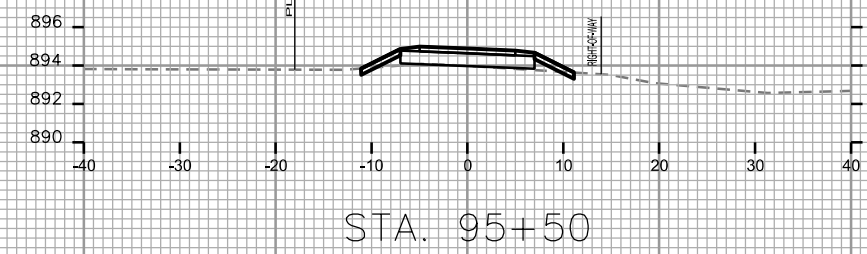
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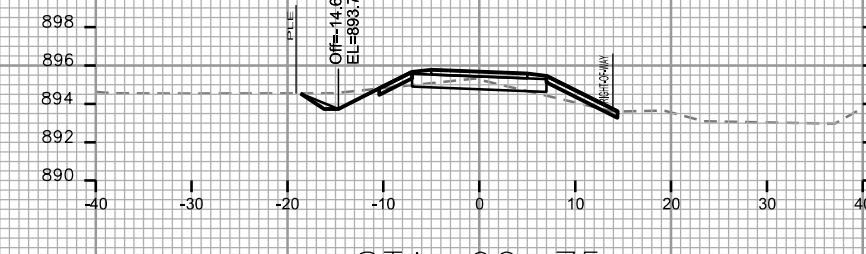
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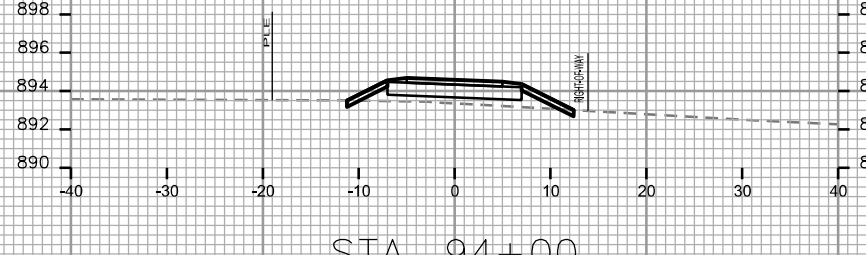
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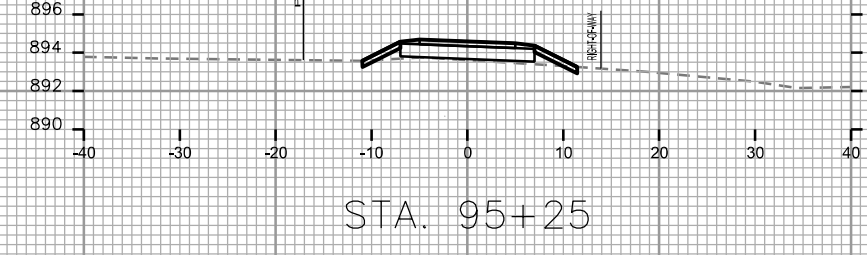
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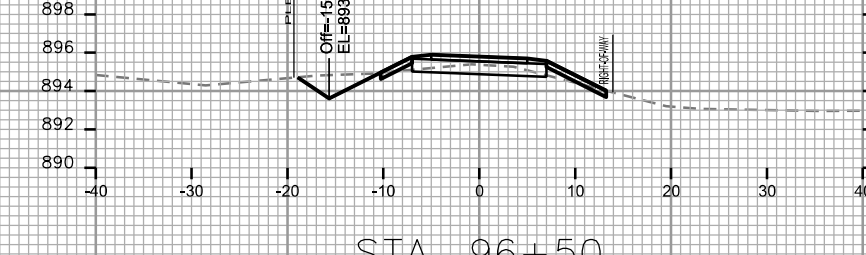
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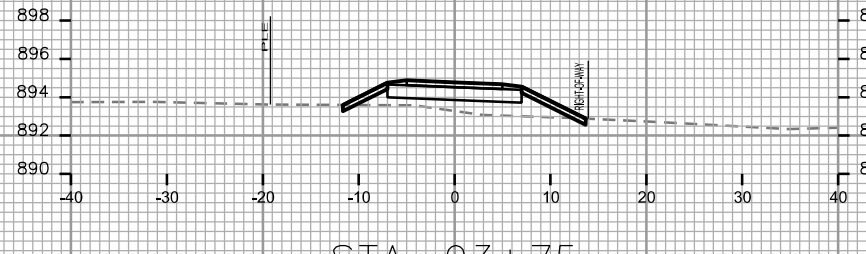
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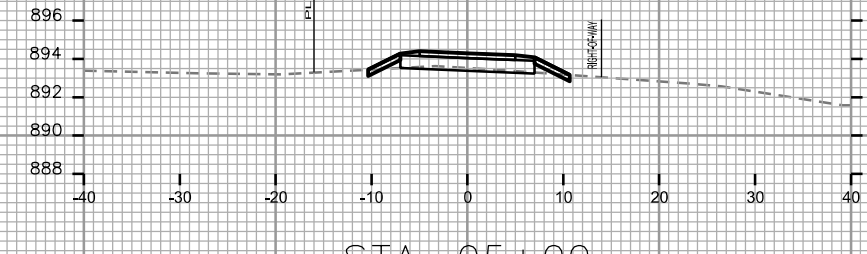
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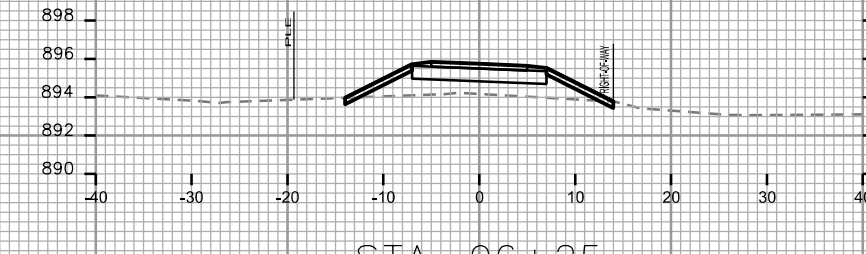
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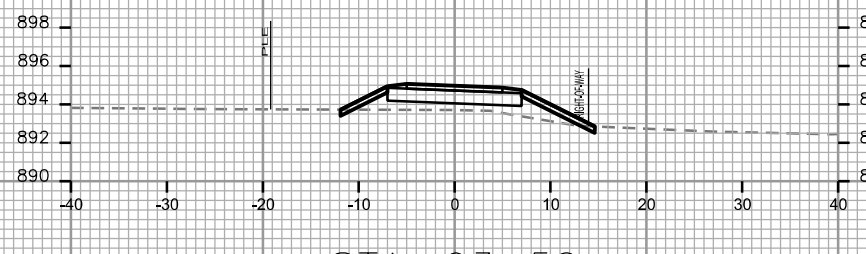
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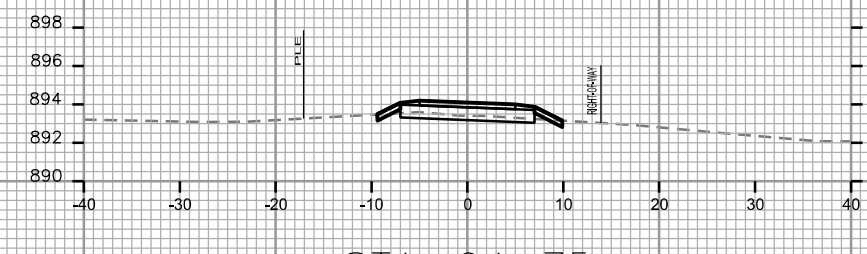
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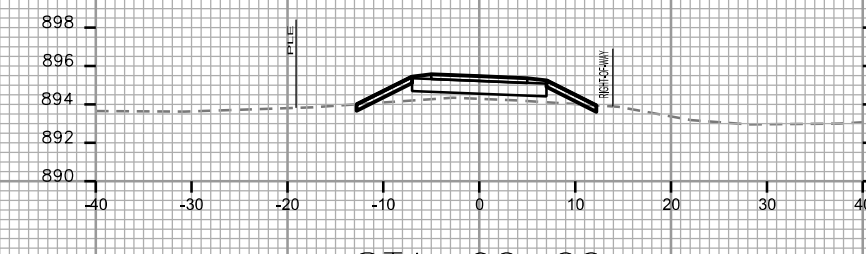
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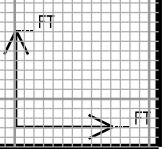
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STA. 94+75



STA. 96+00



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

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

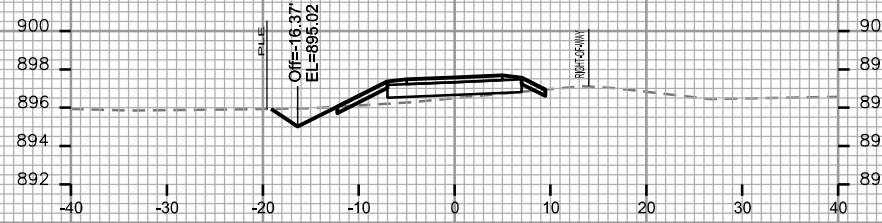
REV. DATE: \_\_\_\_\_

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

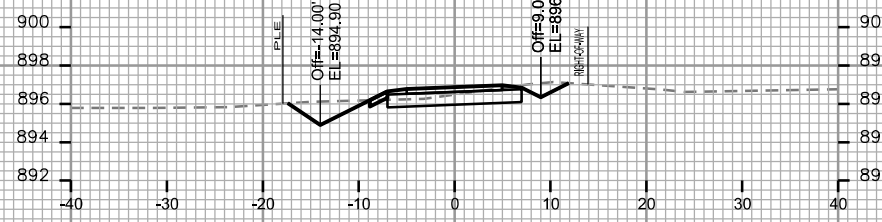
CROSS SECTIONS

PATH

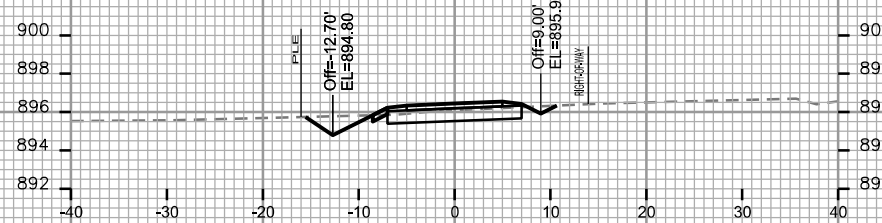
CITY OF MADISON



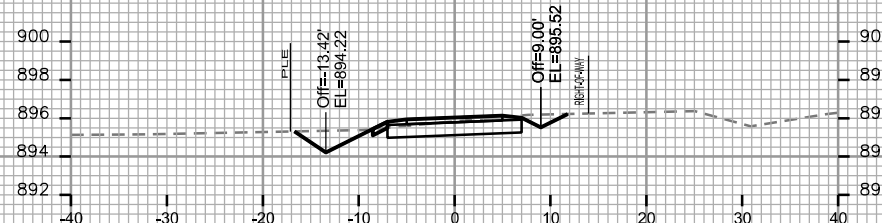
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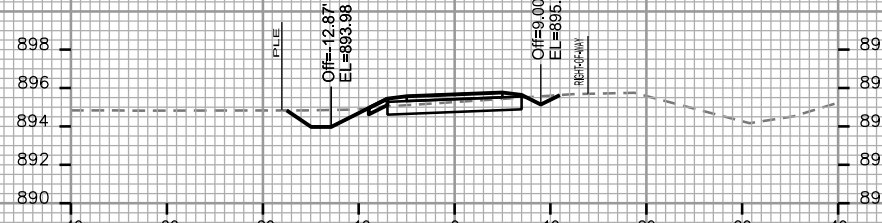
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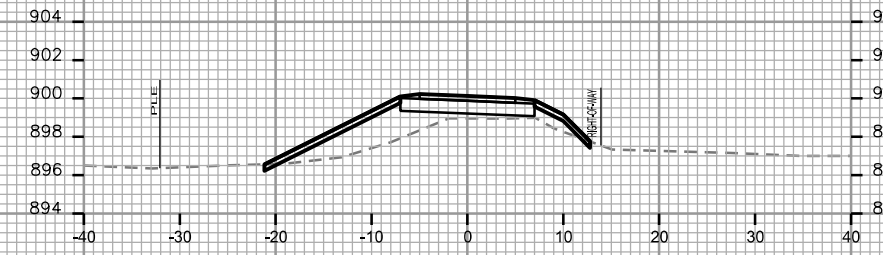
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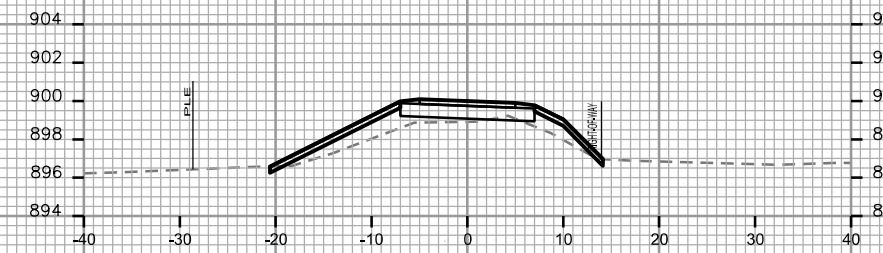
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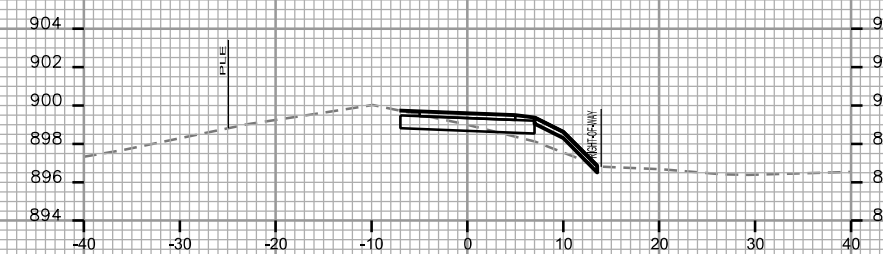
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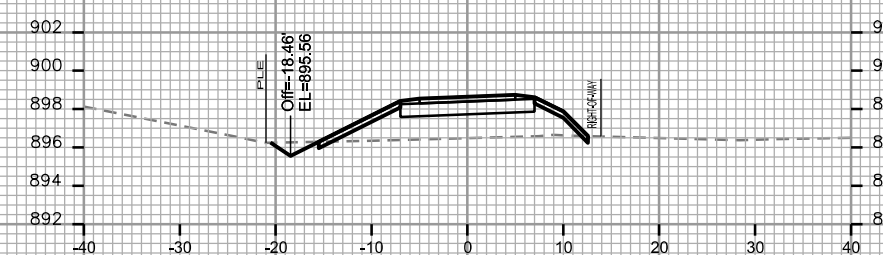
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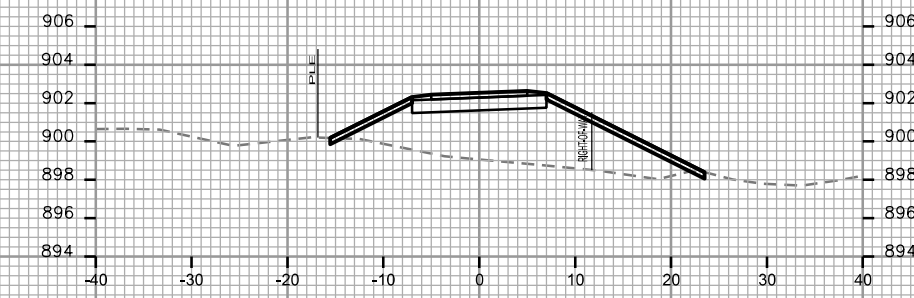
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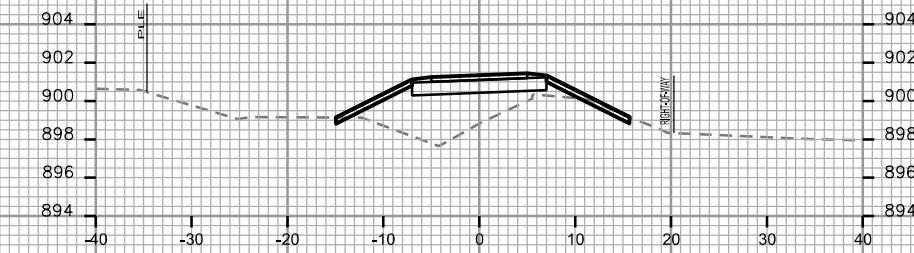
STA. 98+75



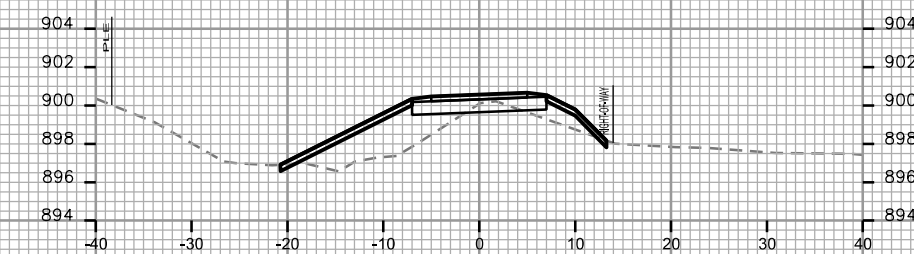
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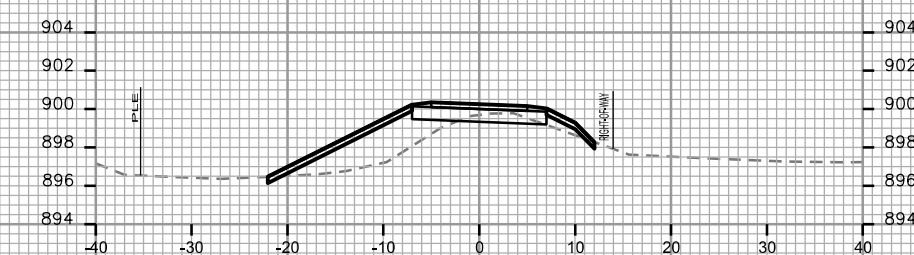
STA. 100+25



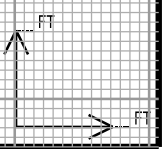
STA. 100+00



STA. 99+75



STA. 99+50



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

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

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

ORIGINATOR: CITY OF MADISON - STREETS DIVISION

CROSS SECTIONS

PATH

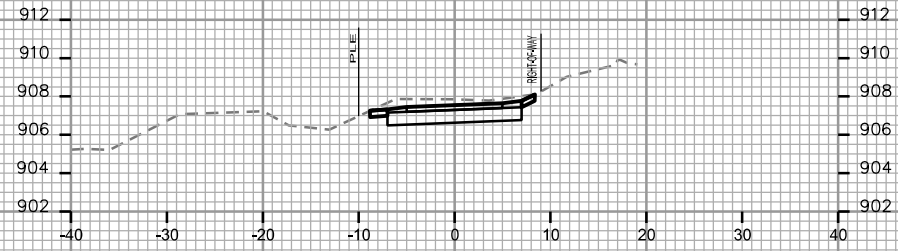
CITY OF MADISON

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

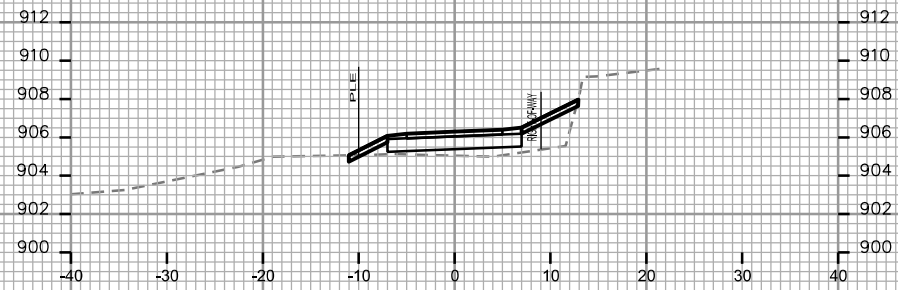
PLOT NAME: \_\_\_\_\_

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

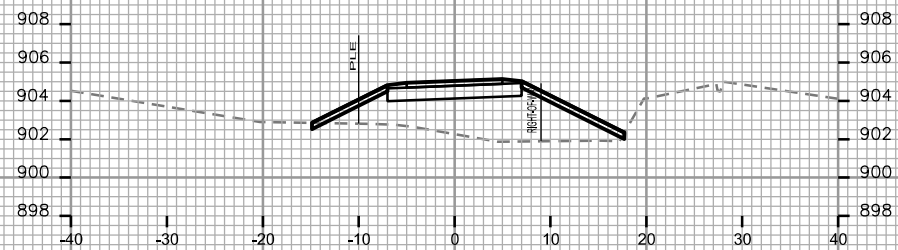
ORIGINATOR: CITY OF MADISON, STREETS DIVISION



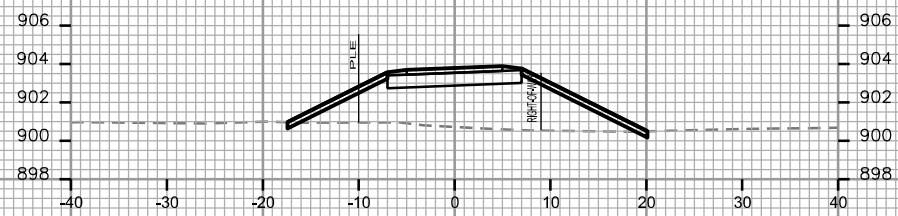
STA. 101+25



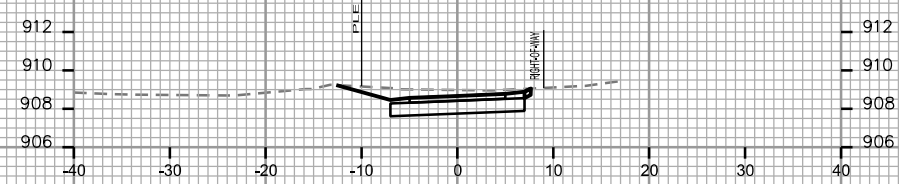
STA. 101+00



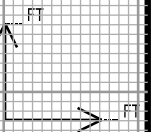
STA. 100+75



STA. 100+50



STA. 101+50





CROSS SECTIONS

POND CROSS SECTIONS

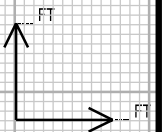
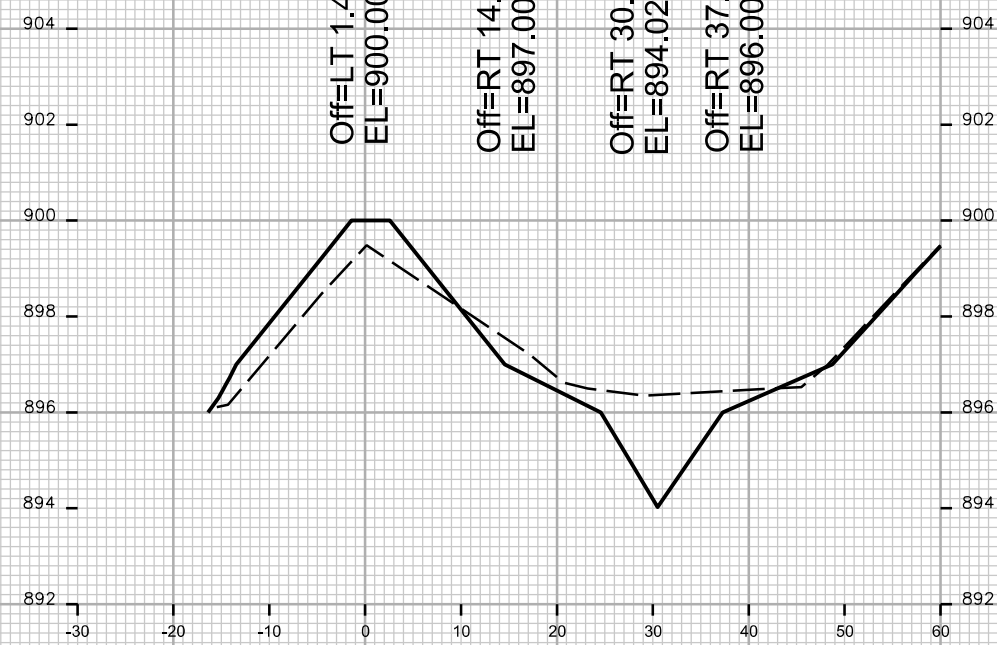
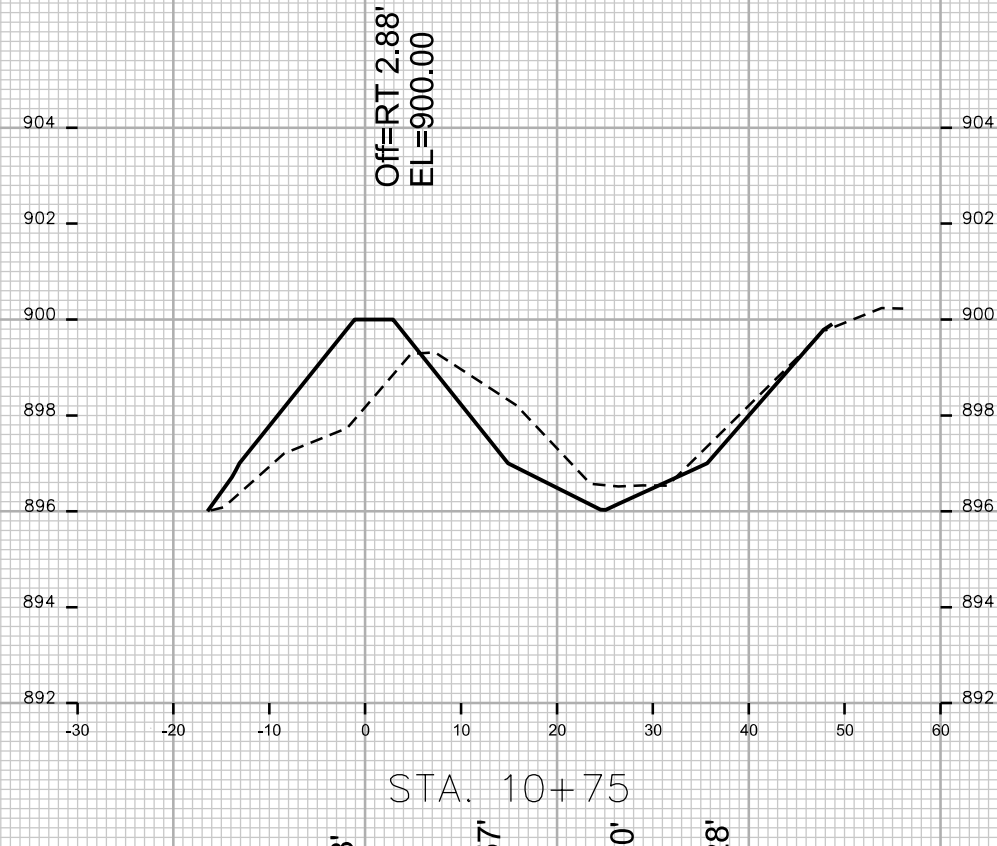
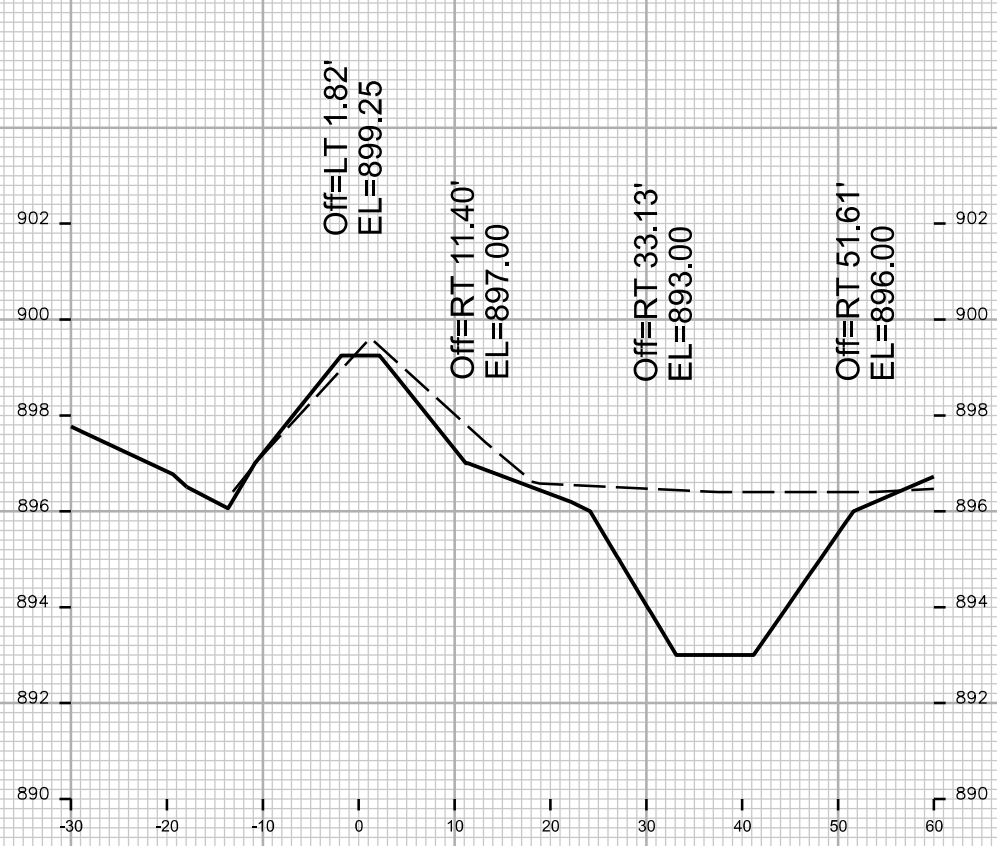
CITY OF MADISON

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

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

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

ORIGINATOR: CITY OF MADISON - STREETS DIVISION



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

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

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

ORIGINATOR: CITY OF MADISON - STREETS DIVISION

