

**Madison, Wisconsin**

# CITY OF MADISON

## CITY ENGINEERING DIVISION

### DEPARTMENT OF PUBLIC WORKS

# PLAN OF PROPOSED IMPROVEMENT

PUBLIC IMPROVEMENT PROJECT APPROVED

MARCH 31, 2015

BY THE COMMON COUNCIL OF MADISON, WISCONSIN

PUBLIC IMPROVEMENT DESIGN APPROVED BY:

*[Signature]* 4/22/15  
City Engineer Date

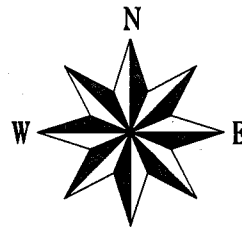
**INDEX OF SHEETS**

SHEET NO.	TITLE
1	
D1	DETAILS - TYPICAL SECTION
P1-P6	PLAN & PROFILE
U1-U6	SEWER PLAN & PROFILE/EROSION CONTROL PLAN
U7	SEWER SCHEDULE
M1-M4	PAVEMENT MARKING PLANS
X1-X9	CROSS SECTIONS

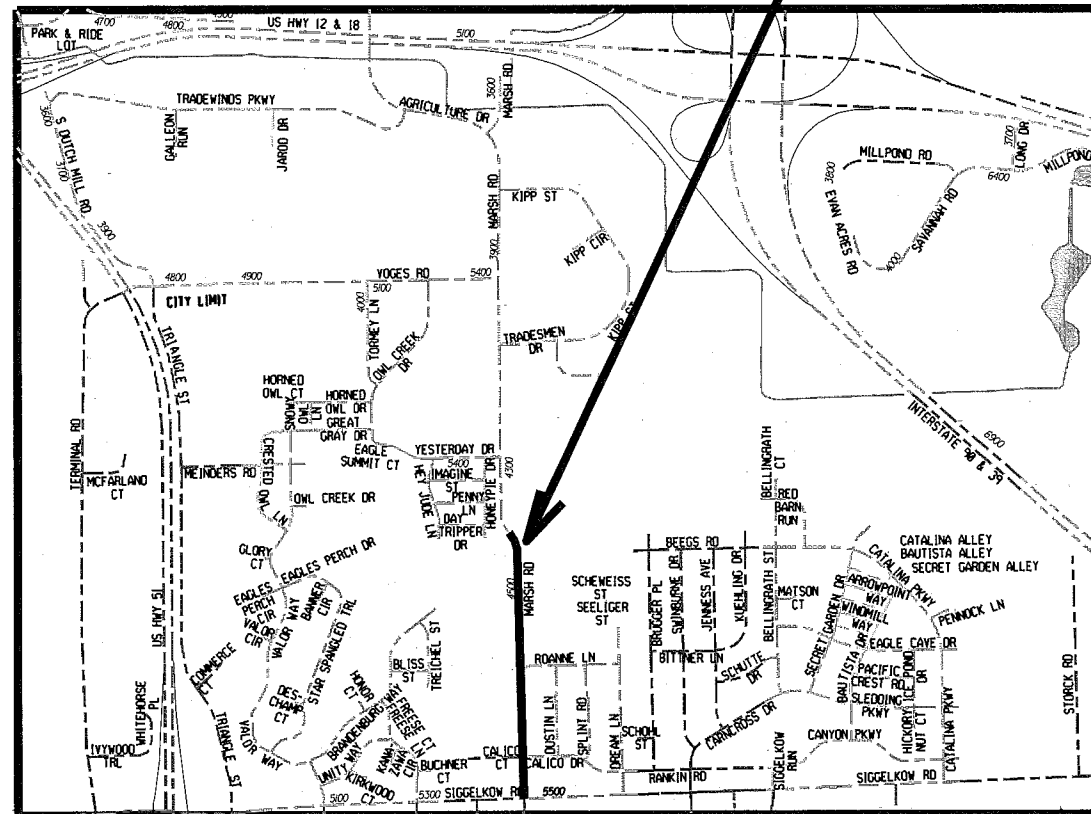
## MARSH ROAD RESURFACING - 2015

CITY PROJECT NO. 53W1887(MUNIS #10443)

CONTRACT NO. 7446



**CONSTRUCTION PROJECT LOCATION**



**CONVENTIONAL SIGNS**

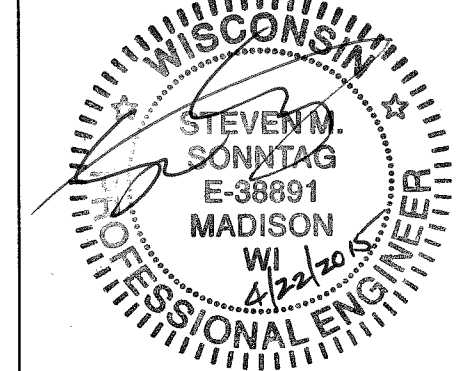
FIELD VERIFY ALL UTILITY LOCATIONS

GAS	— G —
STORM SEWER	— ST —
SANITARY SEWER	— SAN —
WATER	— W —
OVERHEAD ELECTRIC	— OH —
POWER POLE	□
ADA COMPLIANT RAMP W/ DETECTABLE WARNING FIELD	□
COMBUSTIBLE FLUIDS	

**EARTH WORK SUMMARY:**

EXCAVATION CUT (MEASURED PLAN QUANTITY).....	606 C.Y.
ESTIMATED UNDISTRIBUTED UNDERCUT.....	1028 C.Y.
TOTAL UNCLASSIFIED EXCAVATION CUT.....	1634 C.Y.

STREET DESIGNED BY:



SEWER DESIGNED BY:

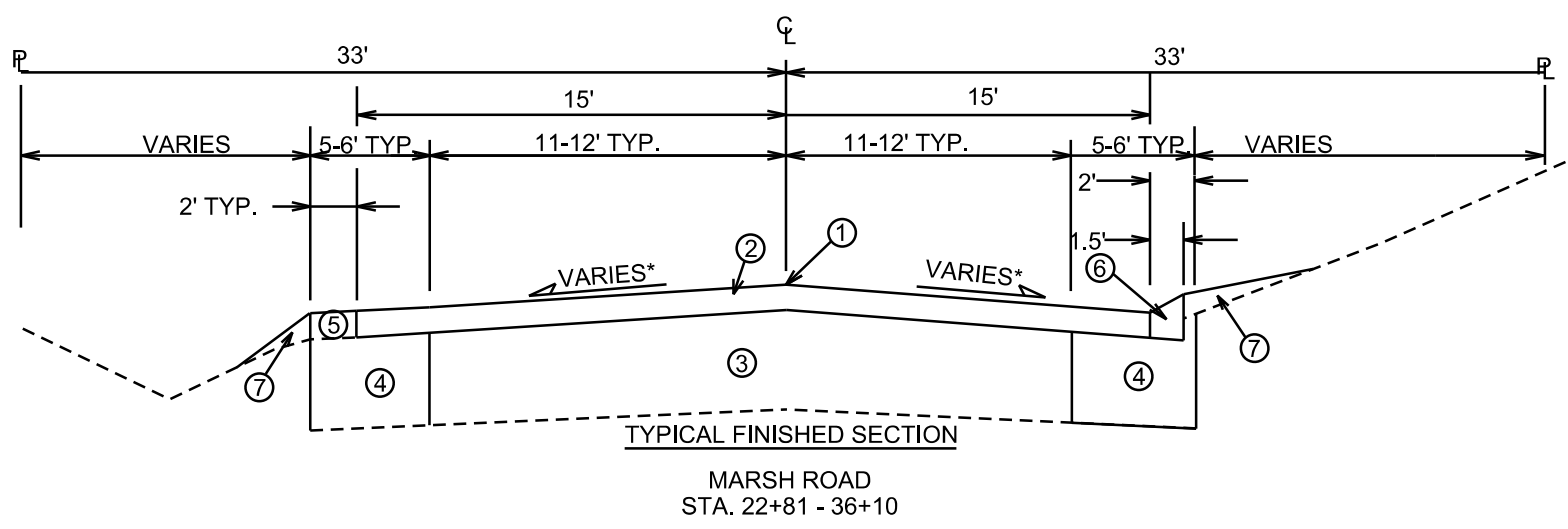
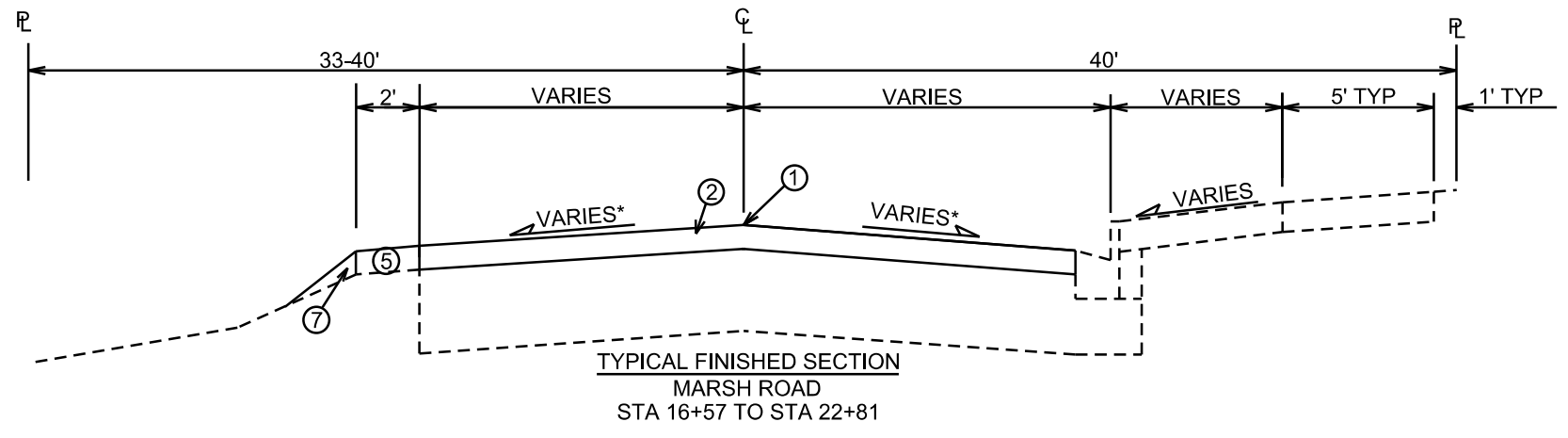
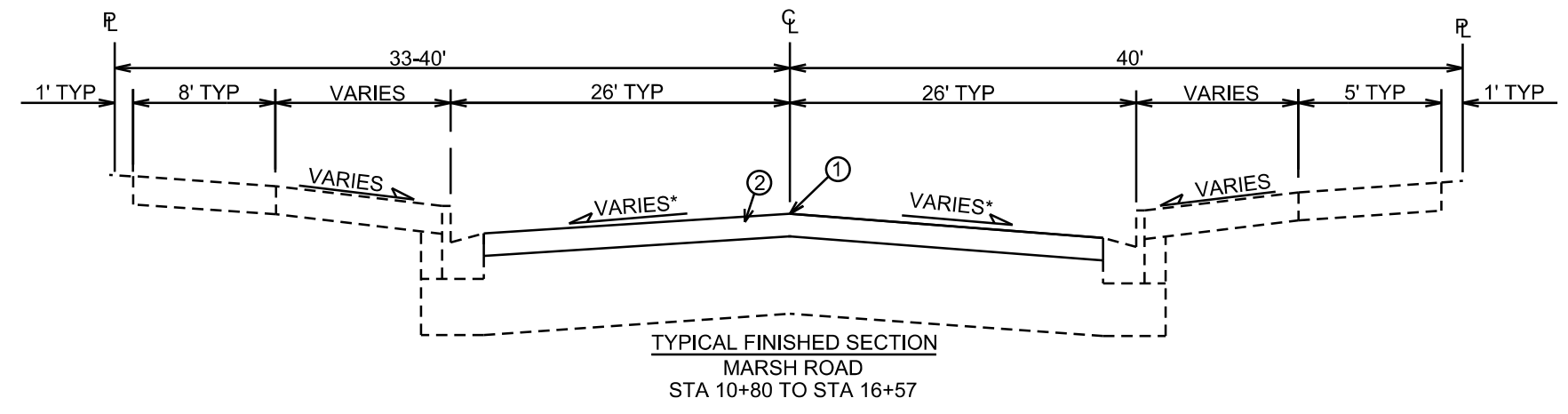


PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREET'S DIVISION



- ① POINT REFERRED TO ON PROFILE
- ② 4.25" E-3 ASPHALT PAVEMENT
- ③ EXISTING BASE
- ④ 10" GRADATION 2 OR 3 CRUSHED AGGREGATE
- ⑤ GRAVEL SHOULDERING
- ⑥ 18" CARLSON SCREED EDGE OF PAVEMENT
- ⑦ 4" TOPSOIL, SEED AND MAT

NOTE: CARLSON SCREED RAISED EDGE OF PAVEMENT SHALL BE 3" HIGH AND 18" WIDE AND SHALL BE INCIDENTAL TO ASPHALT PAVEMENT

PLOT SCALE: \_\_\_\_\_  
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ORIGINATOR: CITY OF MADISON, STREETS DIVISION



VILLAGE OF MCFARLAND

VILLAGE OF MCFARLAND

MARSH ROAD

CALICO COURT

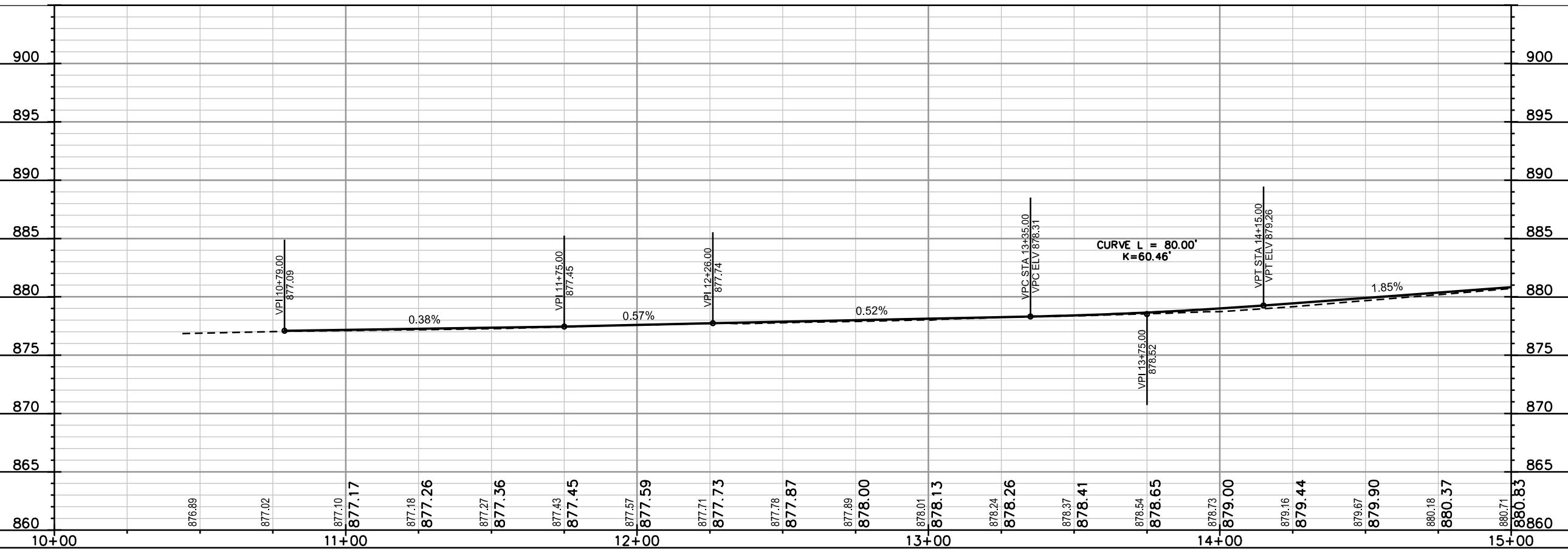
CALICO DRIVE

MATCHLINE STA 15+00.00

0710-352-0205-2  
CITY OF MADISON ENGINEER  
STORMWATER UTILITY 533  
5525 Calico Dr

0710-352-0211-9  
SIGGEL GROVE CONDO HOME  
OWNERS ASSN DALE FERRON  
5505 Calico Dr

0710-352-0305-0  
SIGGEL GROVE CONDO HOME  
OWNERS ASSN DALE FERRON  
5502 Calico Dr



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

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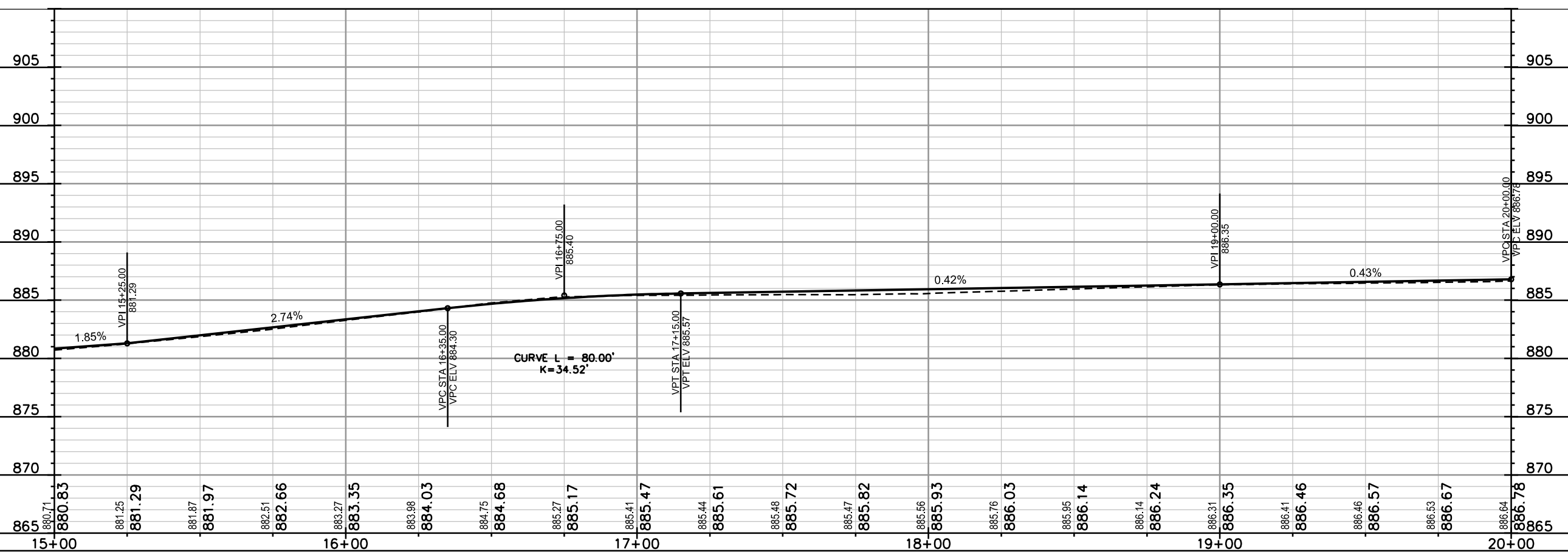
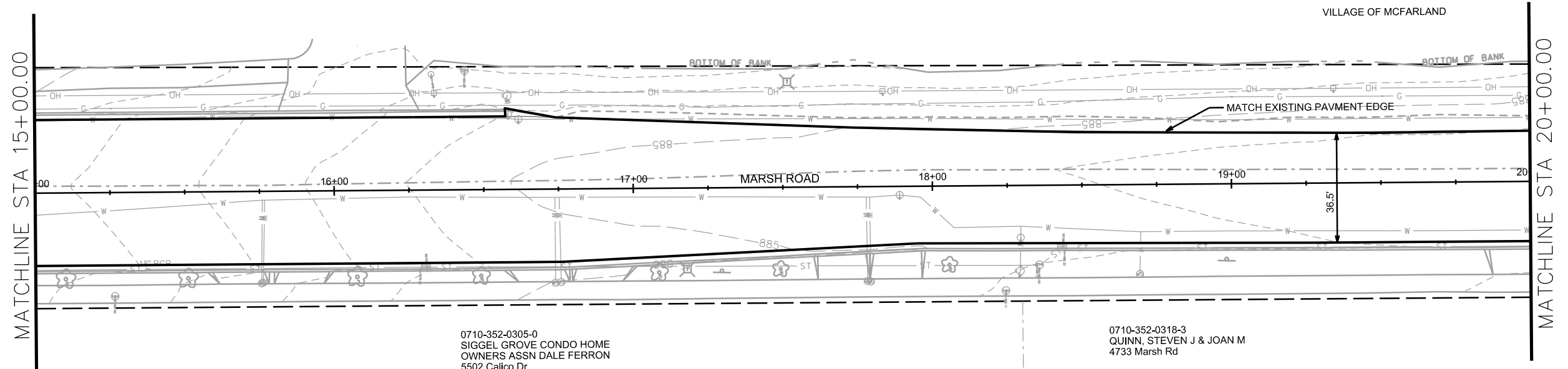
REV. DATE: \_\_\_\_\_

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PLAN AND PROFILE

MARSH ROAD

CITY OF MADISON

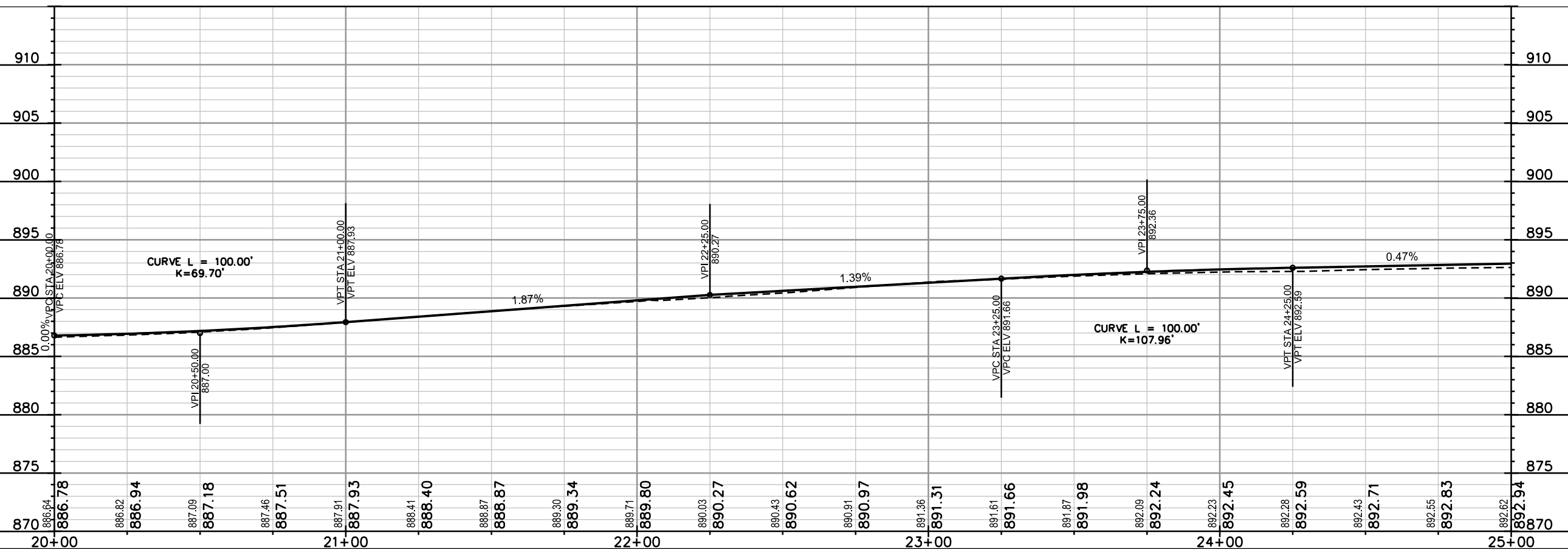
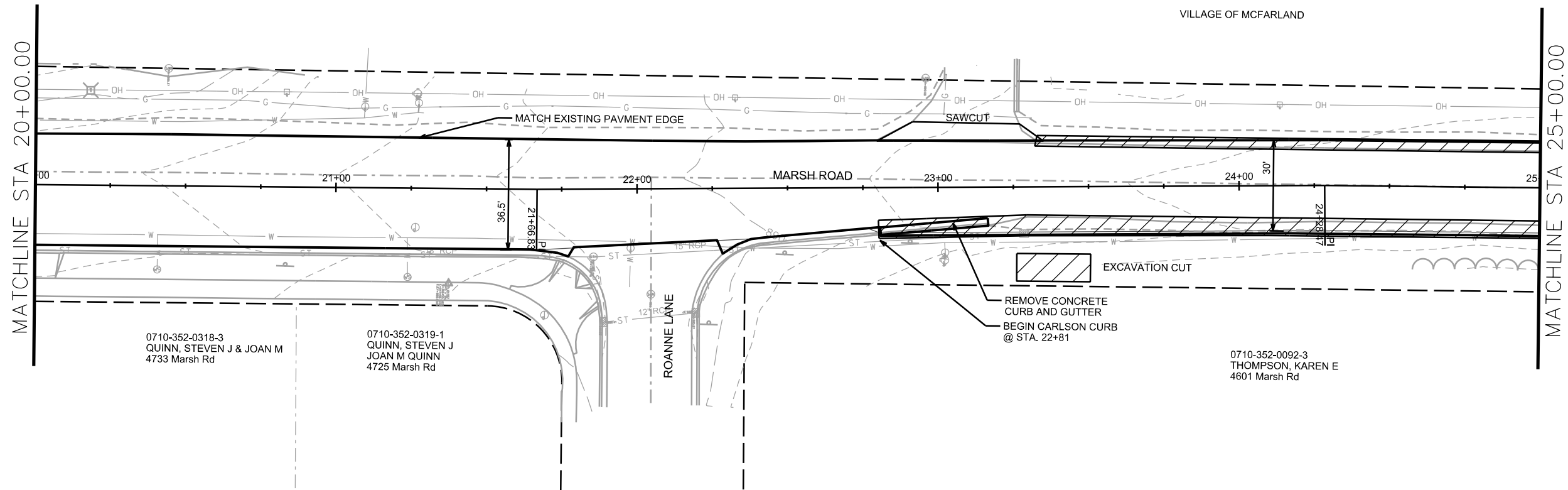
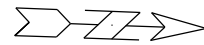


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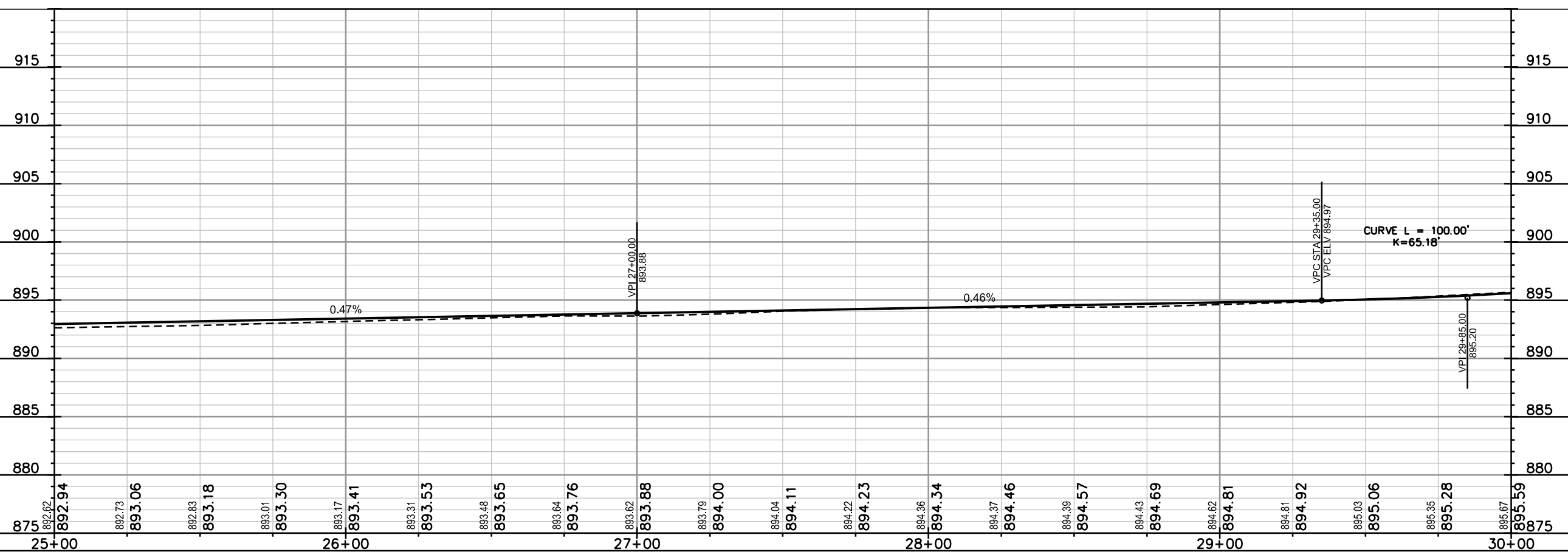
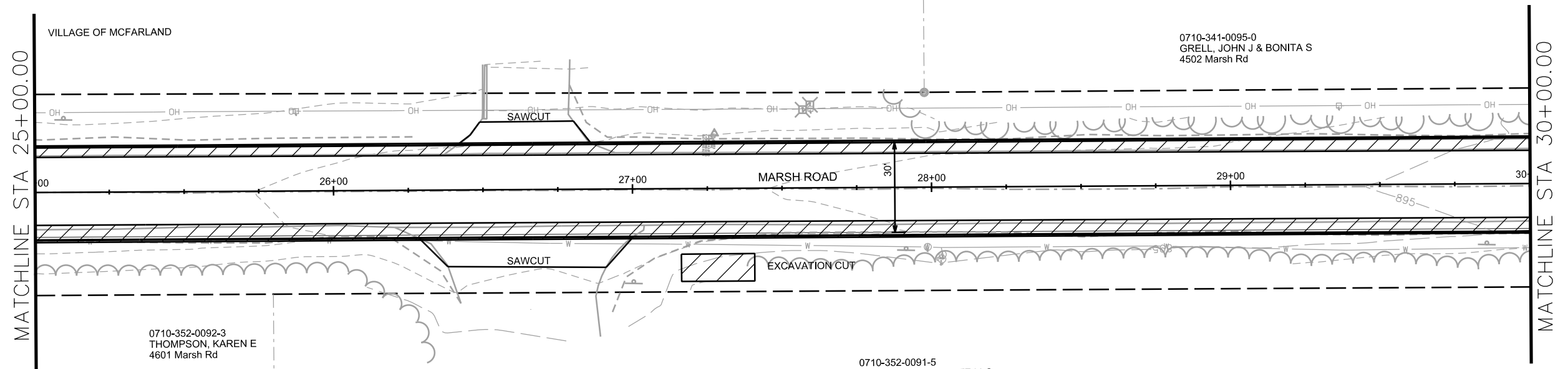
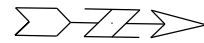


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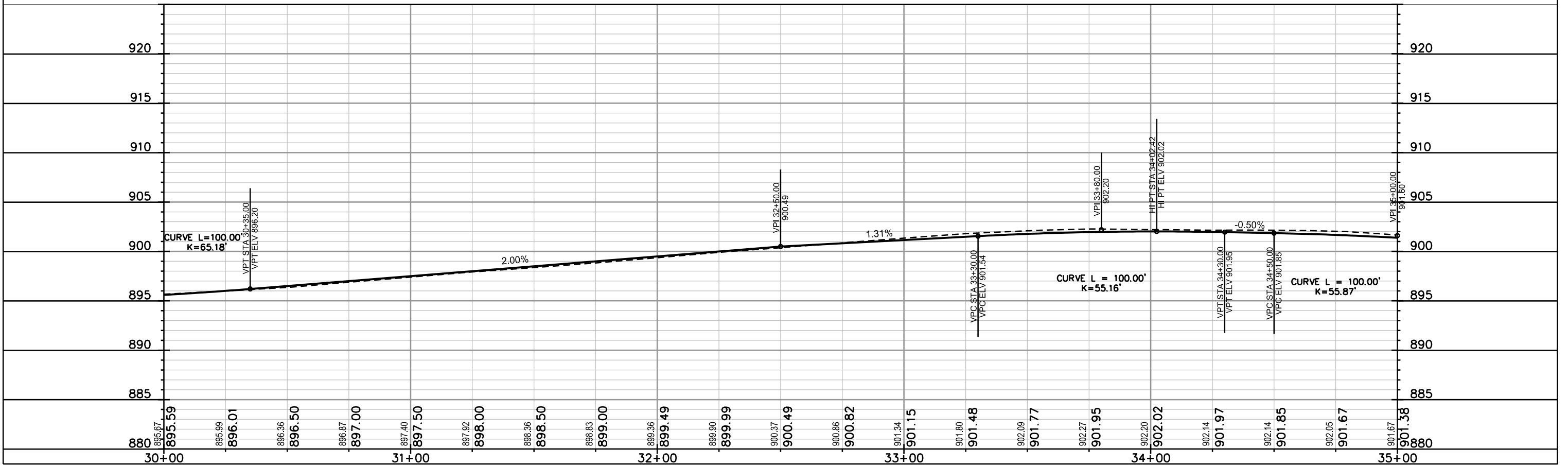
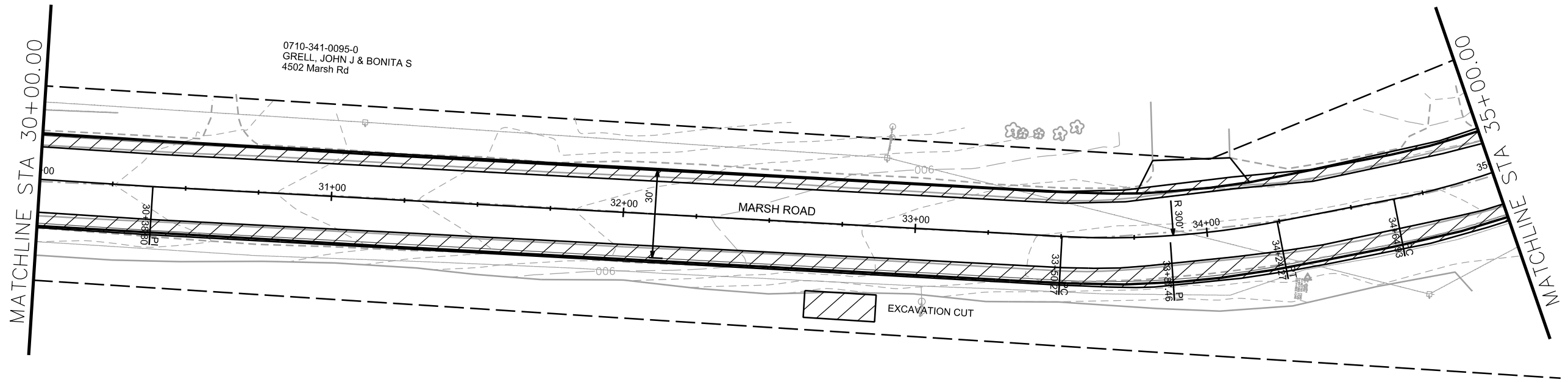
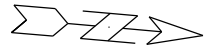


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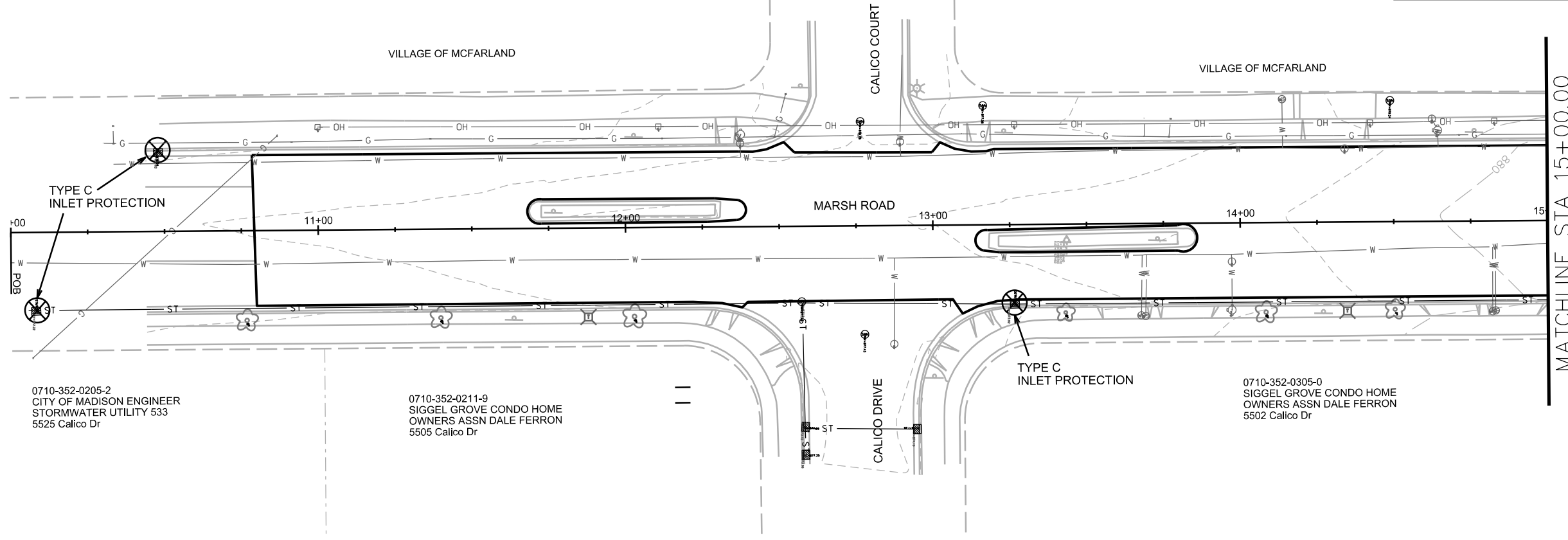
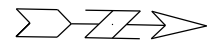
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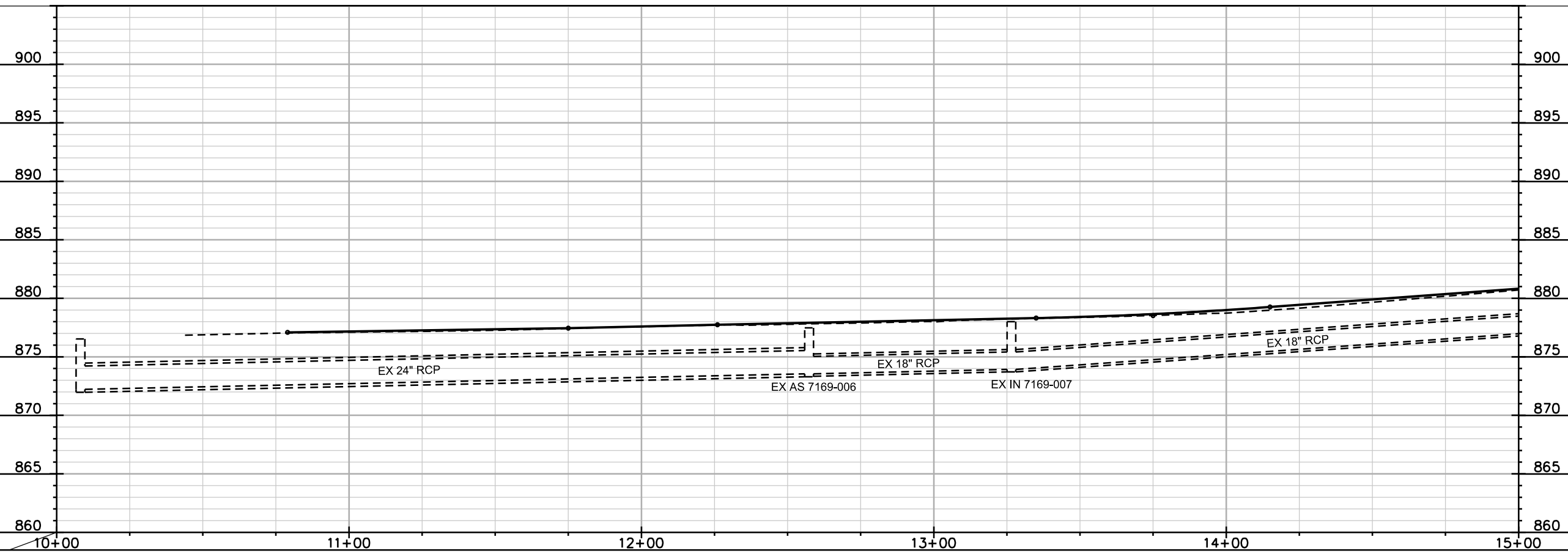




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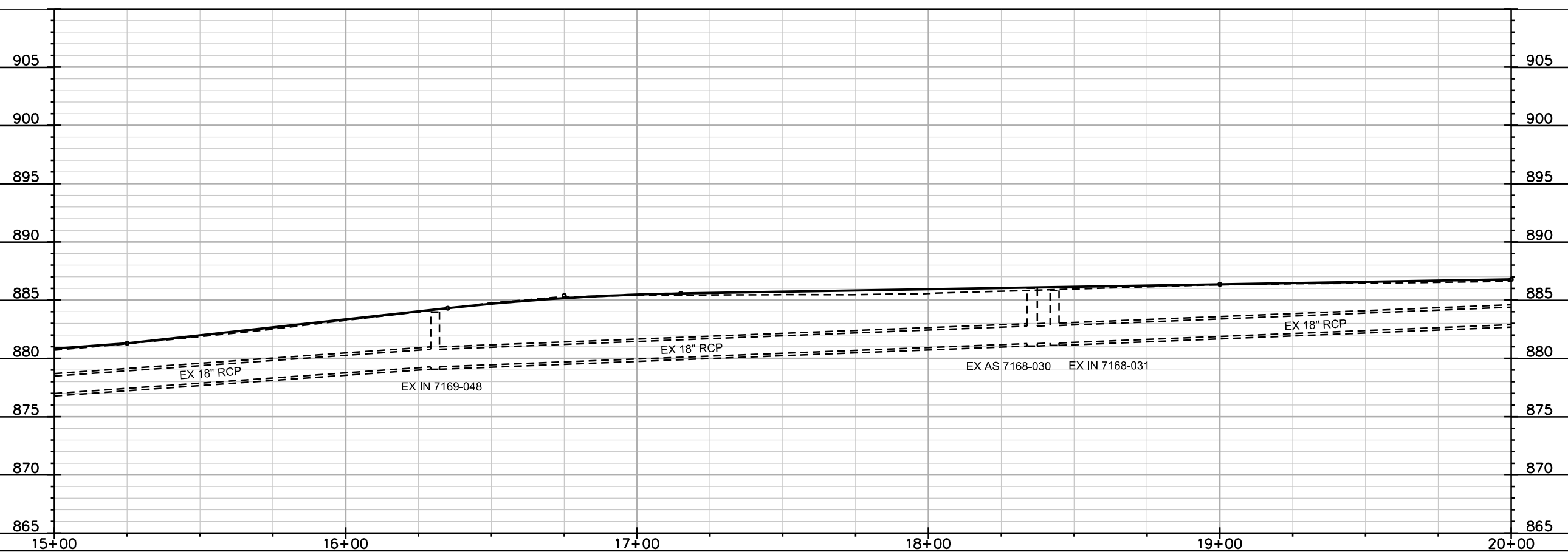
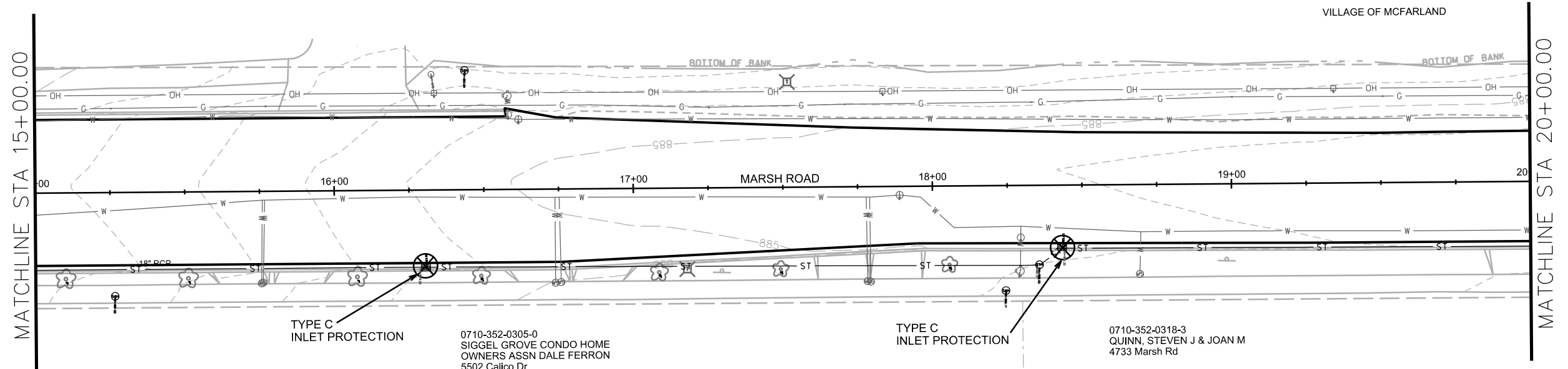
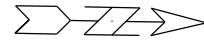


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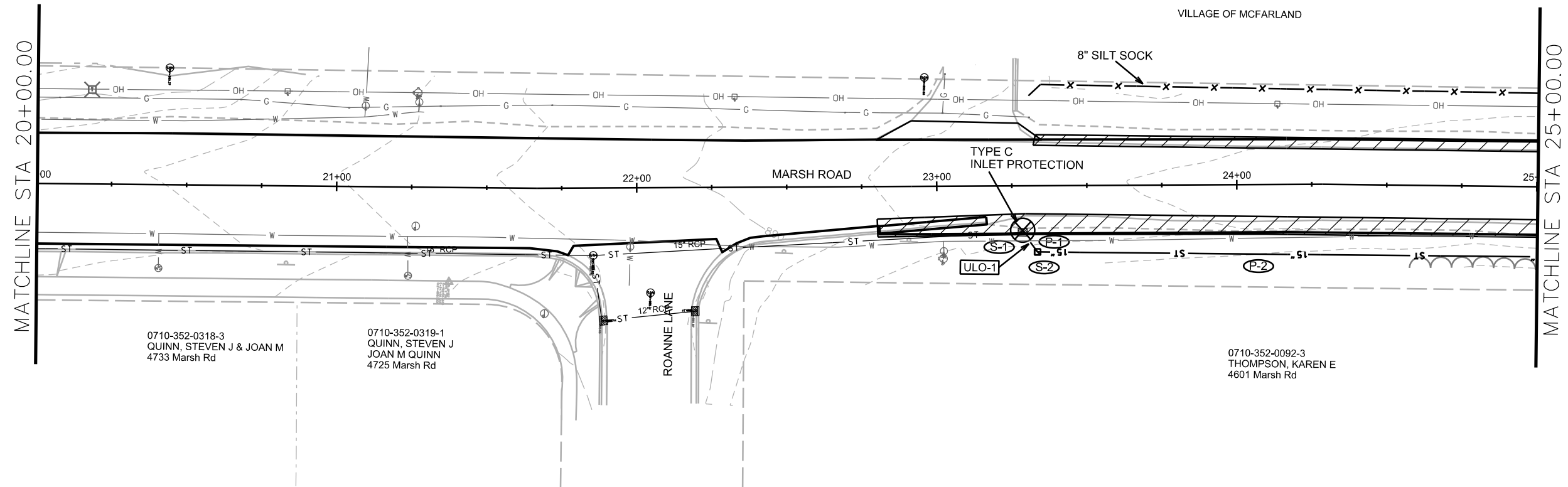
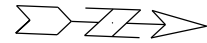


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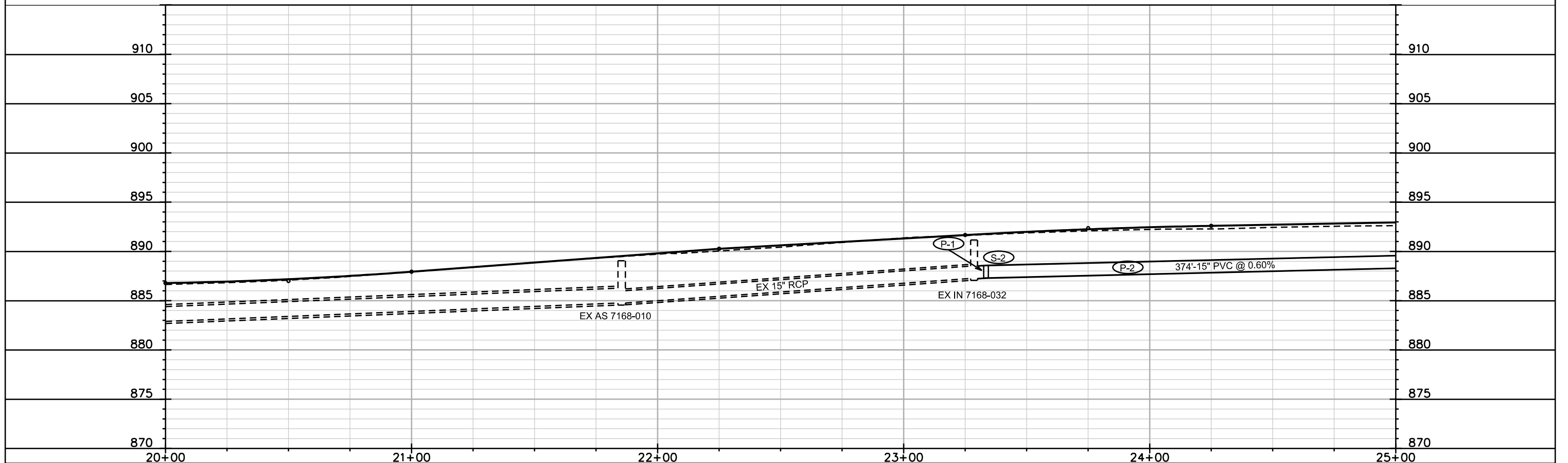


0710-352-0318-3  
QUINN, STEVEN J & JOAN M  
4733 Marsh Rd

0710-352-0319-1  
QUINN, STEVEN J  
JOAN M QUINN  
4725 Marsh Rd

ROANNE LANE

0710-352-0092-3  
THOMPSON, KAREN E  
4601 Marsh Rd

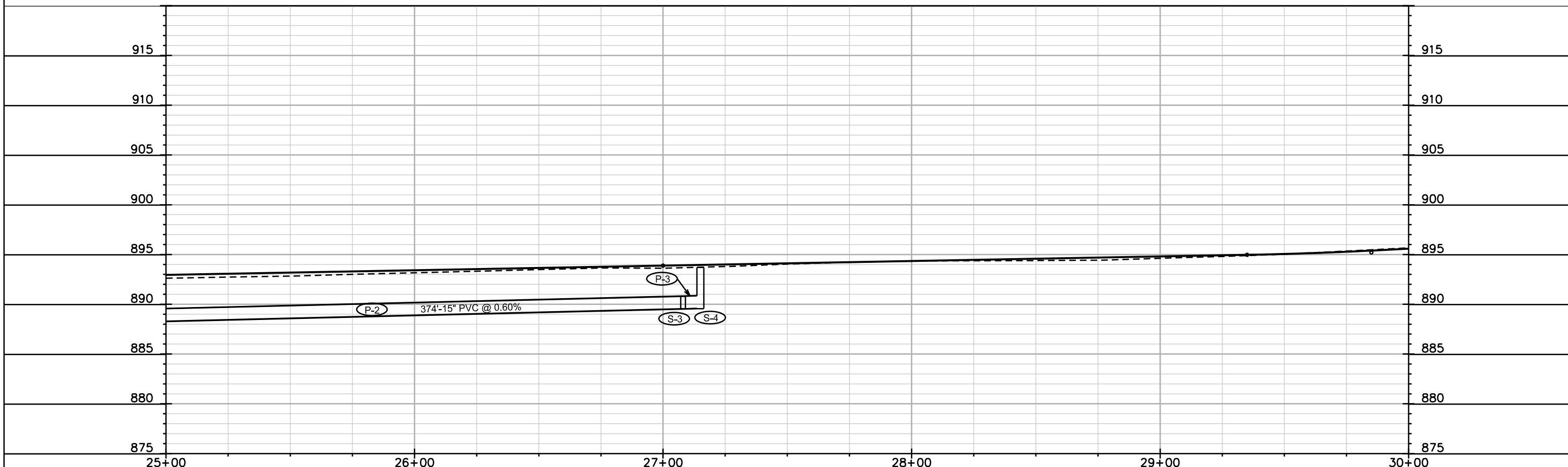
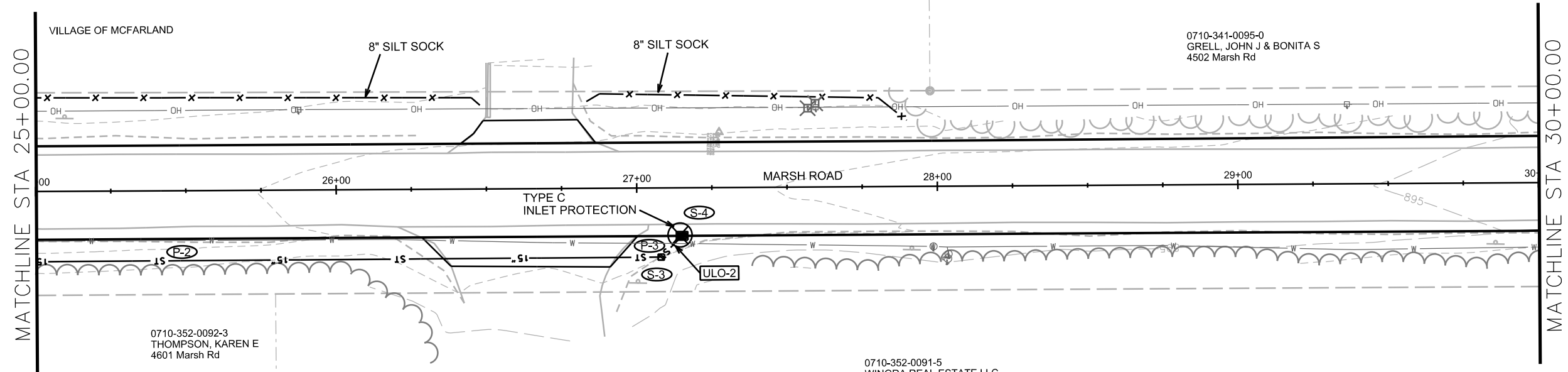


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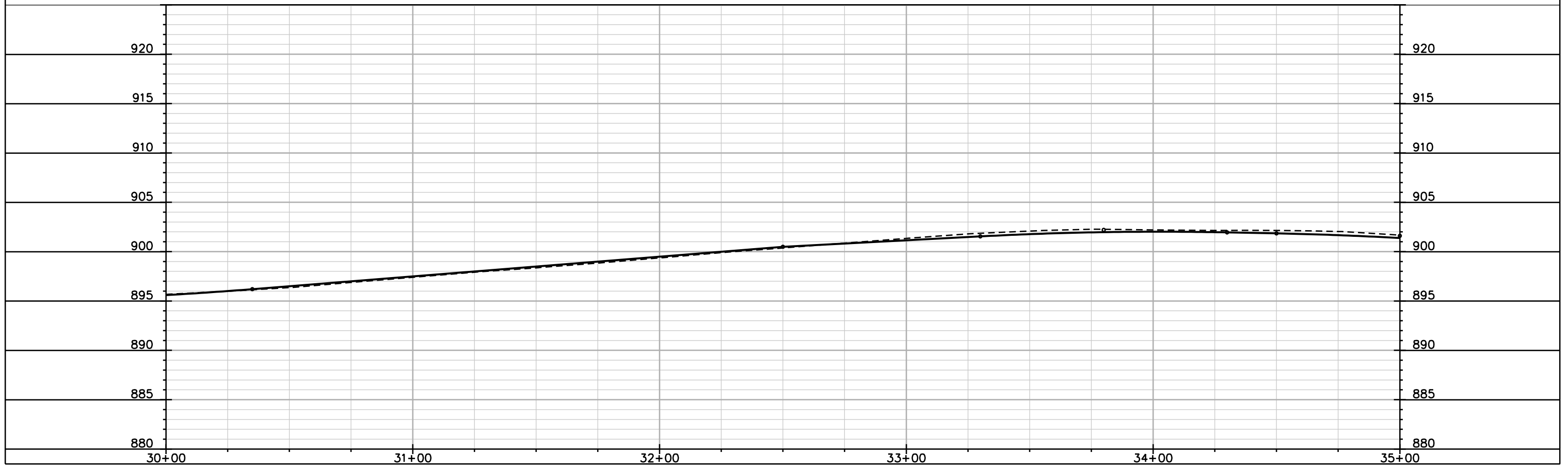
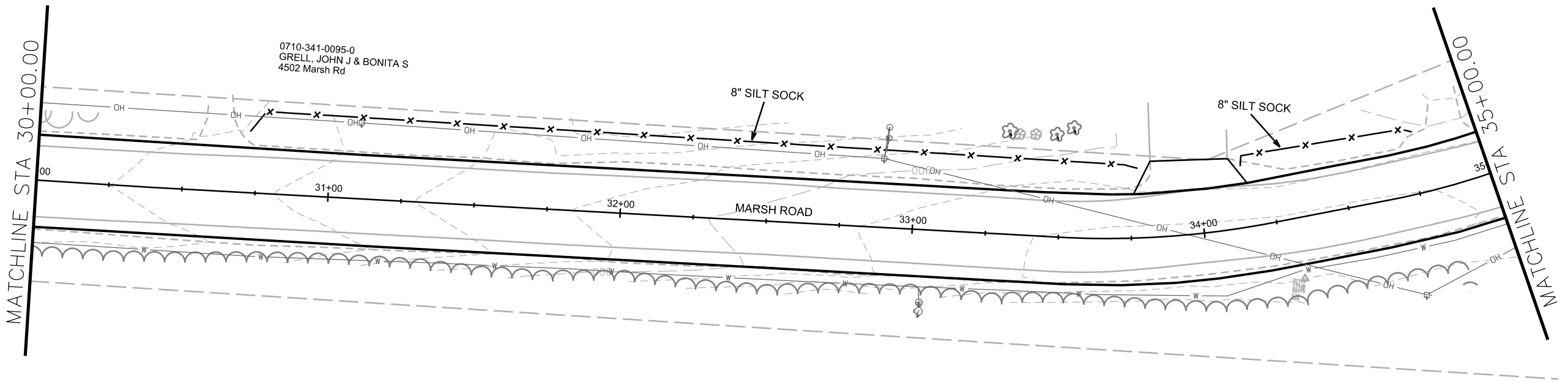
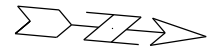


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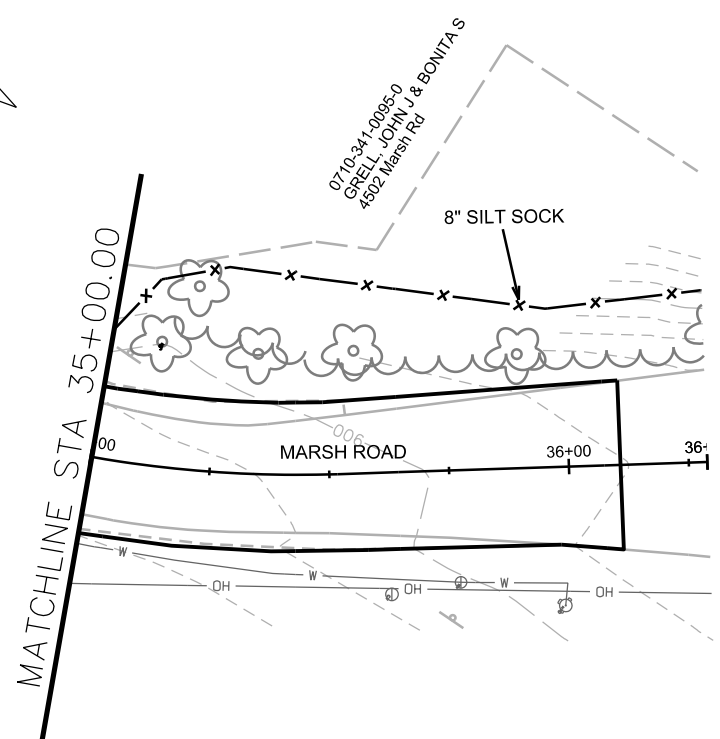
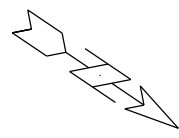
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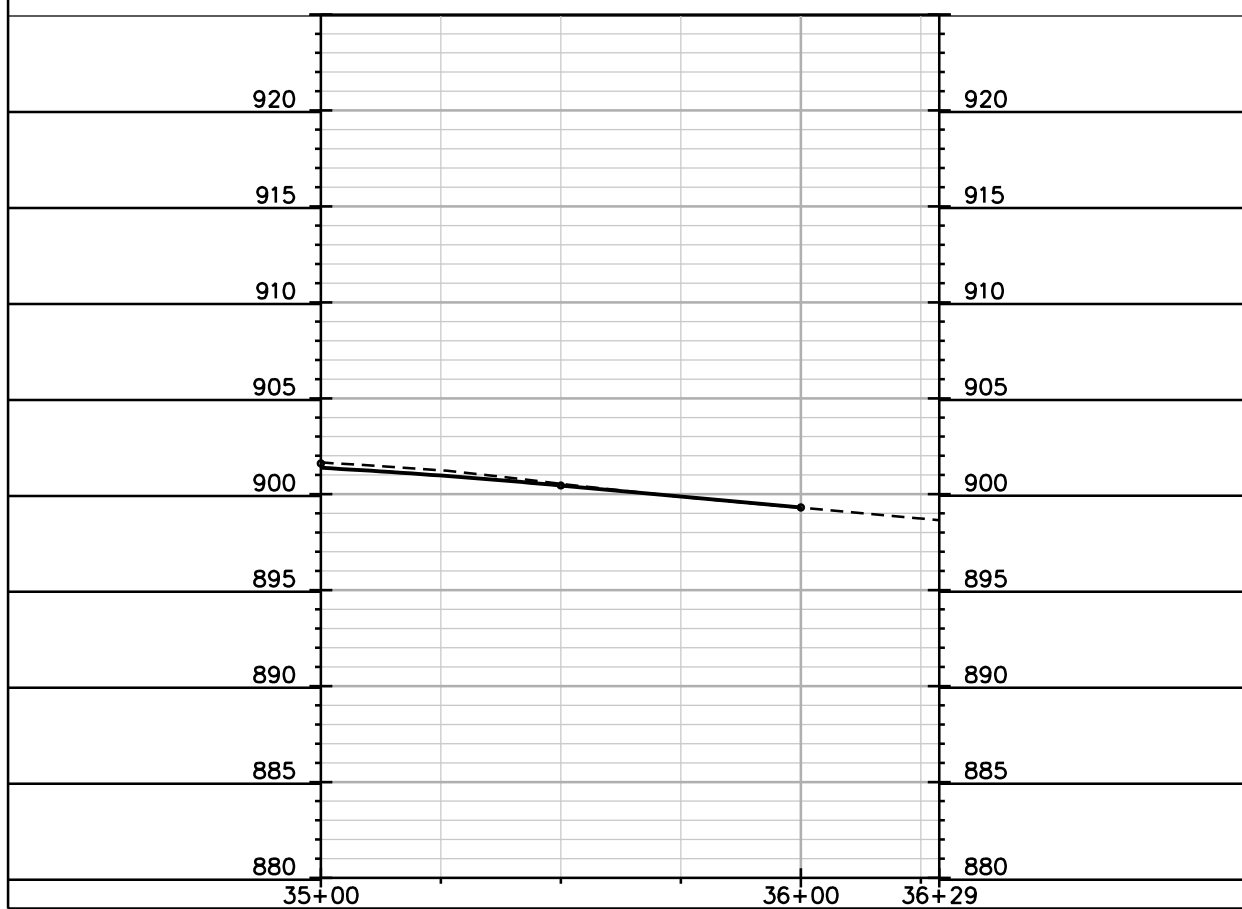


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ORIGINATOR: CITY OF MADISON, STREETS DIVISION



# STORM SEWER SCHEDULE

MARSH ROAD RESURFACING - 2015  
PROJECT NO. 53W1887

SHEET NO.  
U-7

STORM SEWER SCHEDULE CITY OF MADISON

## STRUCTURES

STRUC. NO.	STATION	LOCATION (OFFSET)	TYPE	TOP OF CASTING	E.I.	DEPTH	NOTES
S-1	23+28.62	RT-15.45	TAP / ADJUST INLET	891.26	887.25	4.01	W/ R-3067-7004-V; (1) (2)
S-2	23+33.49	RT-22.05	45 DEGREE BEND (15")	-	887.30	-	W/ MARKER BALL
S-3	27+08.06	RT-23.03	45 DEGREE BEND (15")	-	889.55	-	W/ MARKER BALL
S-4	27+15.00	LT-16.00	H INLET	893.50	889.60	3.90	W/ R-3067-7004-V; (2)

## PIPES

PIPE NO.	FROM (DNSTM)	TO (UPSTM)	PLAN LGTH (FT)	PIPE LGTH (FT)	DISCH. E.I.	INLET E.I.	SLOPE (%)	PIPE SIZE	TYPE	NOTES
P-1	S-1	S-2	8	7	887.25	887.30	0.60%	15"	STORM	-
P-2	S-2	S-3	374	374	887.30	889.55	0.60%	15"	STORM	-
P-3	S-3	S-4	10	9	889.55	889.60	0.60%	15"	STORM	-

# ULO SCHEDULE

ID NO.	STATION	LOCATION	TYPE	NOTES
ULO-1	23+30.00	RT-18.50	WATER	-
ULO-2	27+12.60	RT-18.50	WATER	-

## SPECIFIC NOTES

- (1) CITY TO PROVIDE CASTING
- (2) TOP OF CASTING IS 3" ABOVE EDGE OF GUTTER

## STANDARD NOTES:

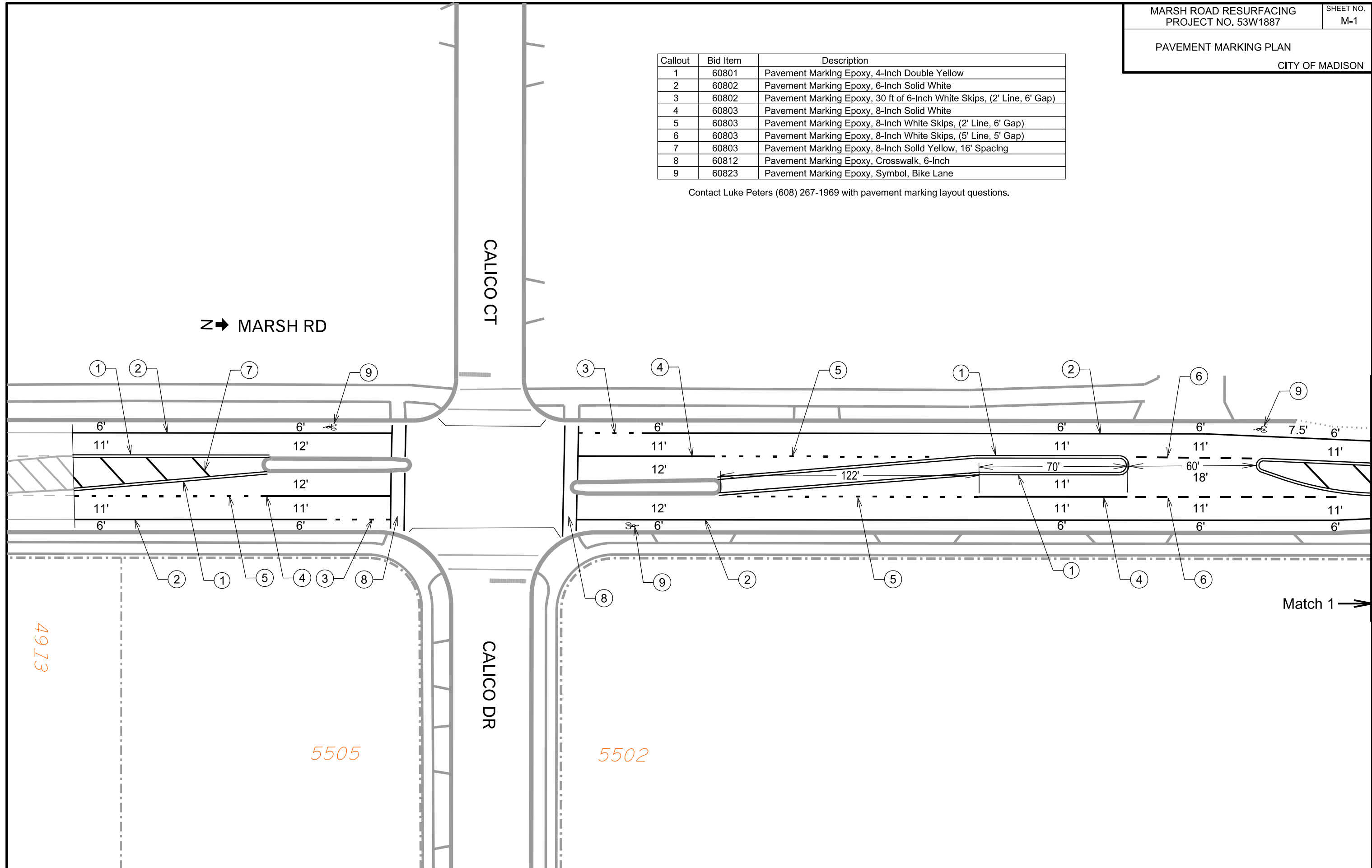
- ABBREVIATIONS: AE = APRON ENDWALL; RCP = REINFORCED CONCRETE PIPE; HERCP = HORIZONTAL ELLIPTICAL REINFORCED CONCRETE PIPE; DNA = DOES NOT APPLY; SAS = SEWER ACCESS STRUCTURE; LP = LOW POINT INLET STRUCTURE; FP = FIELD POURED STRUCTURE; TR = TOP OF CONCRETE ROOF; NCM = NO CROWN MATCH FOR PIPES
- APPROXIMATE 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 ERIC DUNDEE OF CITY ENGINEERING AT (608) 266-4913 FOR PRECAST APPROVALS, OR FAX SHOP DRAWINGS TO (608)264-9275.

PAVEMENT MARKING PLAN  
CITY OF MADISON

Callout	Bid Item	Description
1	60801	Pavement Marking Epoxy, 4-Inch Double Yellow
2	60802	Pavement Marking Epoxy, 6-Inch Solid White
3	60802	Pavement Marking Epoxy, 30 ft of 6-Inch White Skips, (2' Line, 6' Gap)
4	60803	Pavement Marking Epoxy, 8-Inch Solid White
5	60803	Pavement Marking Epoxy, 8-Inch White Skips, (2' Line, 6' Gap)
6	60803	Pavement Marking Epoxy, 8-Inch White Skips, (5' Line, 5' Gap)
7	60803	Pavement Marking Epoxy, 8-Inch Solid Yellow, 16' Spacing
8	60812	Pavement Marking Epoxy, Crosswalk, 6-Inch
9	60823	Pavement Marking Epoxy, Symbol, Bike Lane

Contact Luke Peters (608) 267-1969 with pavement marking layout questions.

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



4913

5505

5502



Callout	Bid Item	Description
1	60801	Pavement Marking Epoxy, 4-Inch Double Yellow
2	60802	Pavement Marking Epoxy, 6-Inch Solid White
3	60802	Pavement Marking Epoxy, 30 ft of 6-Inch White Skips, (2' Line, 6' Gap)
4	60803	Pavement Marking Epoxy, 8-Inch Solid White
5	60803	Pavement Marking Epoxy, 8-Inch White Skips, (2' Line, 6' Gap)
6	60803	Pavement Marking Epoxy, 8-Inch White Skips, (5' Line, 5' Gap)
7	60803	Pavement Marking Epoxy, 8-Inch Solid Yellow
8	60812	Pavement Marking Epoxy, Crosswalk, 6-Inch
9	60823	Pavement Marking Epoxy, Symbol, Bike Lane

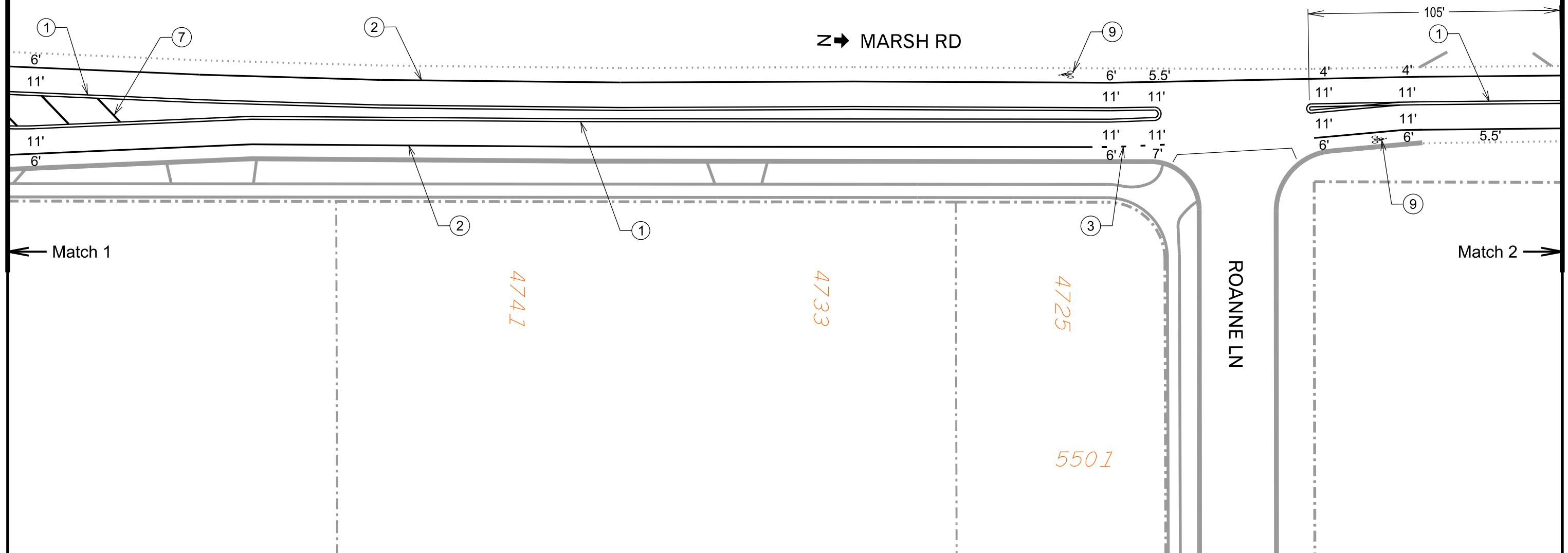
Contact Luke Peters (608) 267-1969 with pavement marking layout questions.

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Callout	Bid Item	Description
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4	60803	Pavement Marking Epoxy, 8-Inch Solid White
5	60803	Pavement Marking Epoxy, 8-Inch White Skips, (2' Line, 6' Gap)
6	60803	Pavement Marking Epoxy, 8-Inch White Skips, (5' Line, 5' Gap)
7	60803	Pavement Marking Epoxy, 8-Inch Solid Yellow
8	60812	Pavement Marking Epoxy, Crosswalk, 6-Inch
9	60823	Pavement Marking Epoxy, Symbol, Bike Lane
10	60802	Pavement Marking Epoxy, 6-Inch Yellow Skips, (10' Line, 30' Gap)

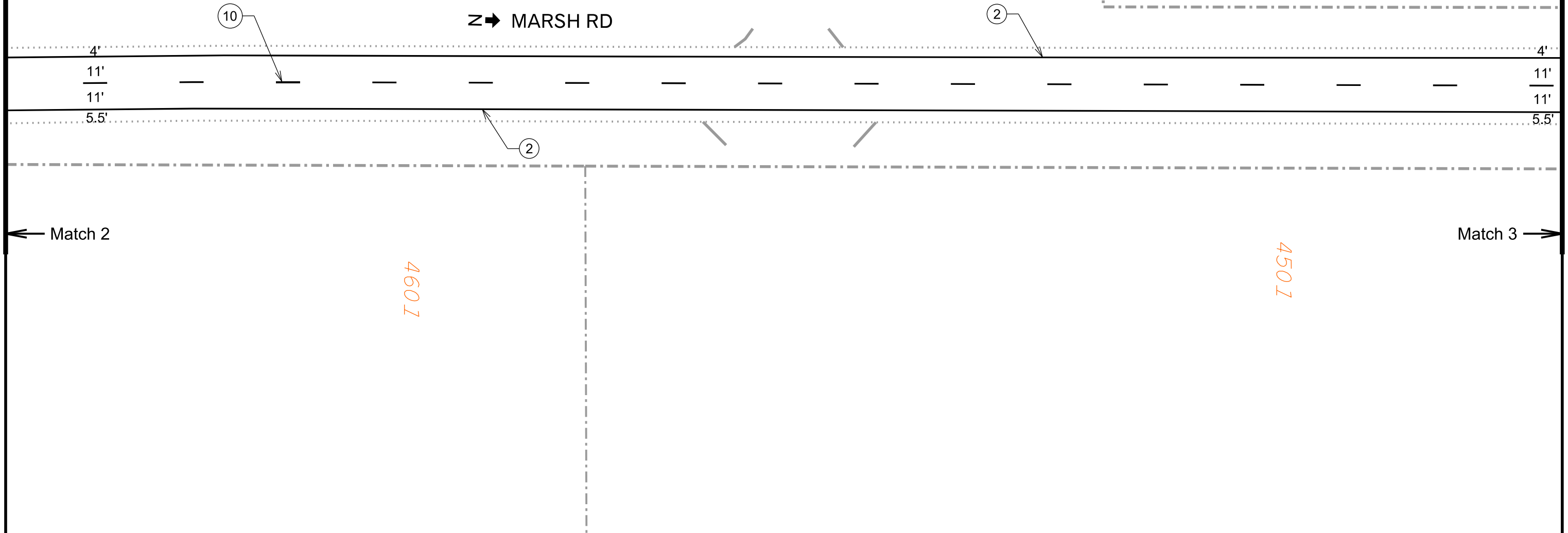
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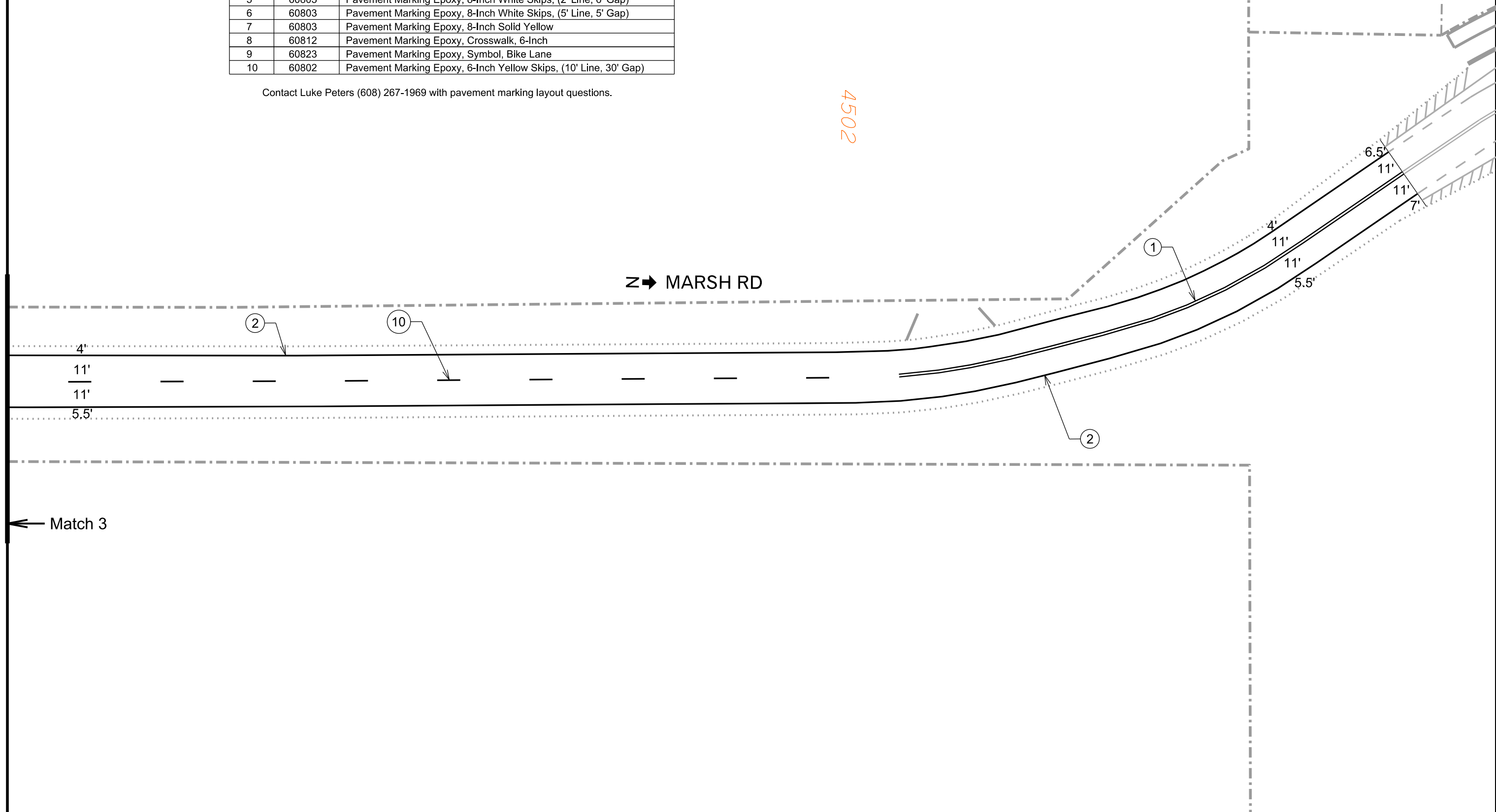
PAVEMENT MARKING PLAN  
CITY OF MADISON

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9	60823	Pavement Marking Epoxy, Symbol, Bike Lane
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4502

➔ MARSH RD



PLOT SCALE:

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REV. DATE:

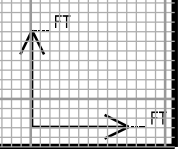
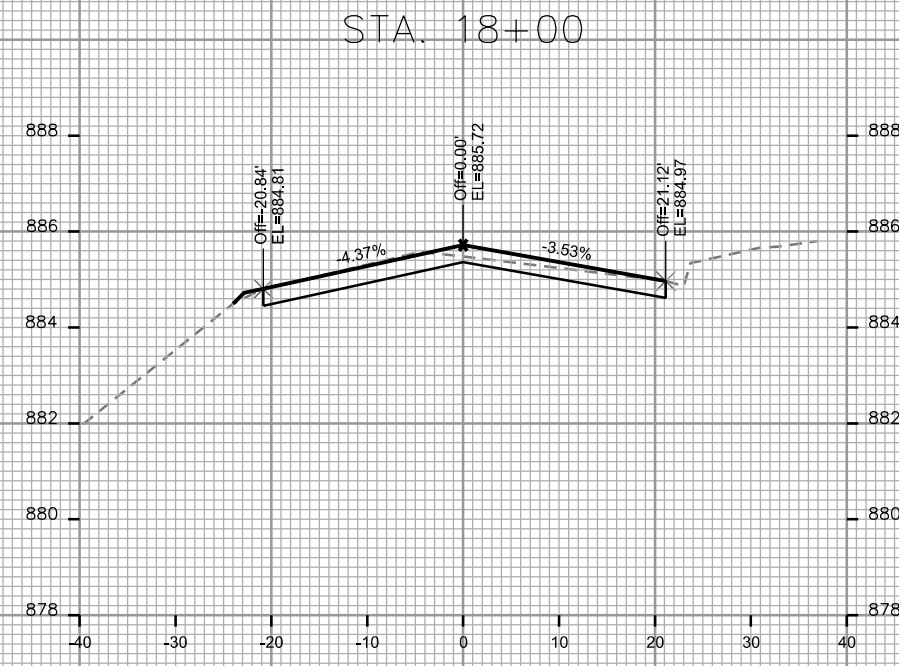
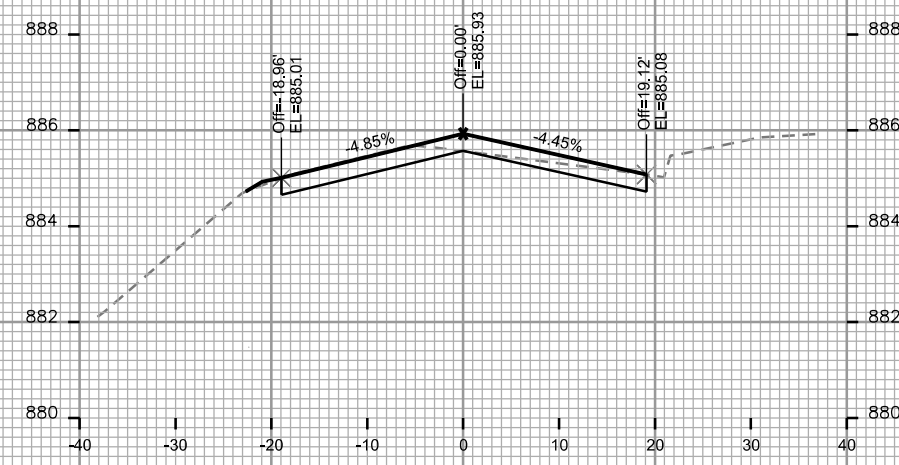
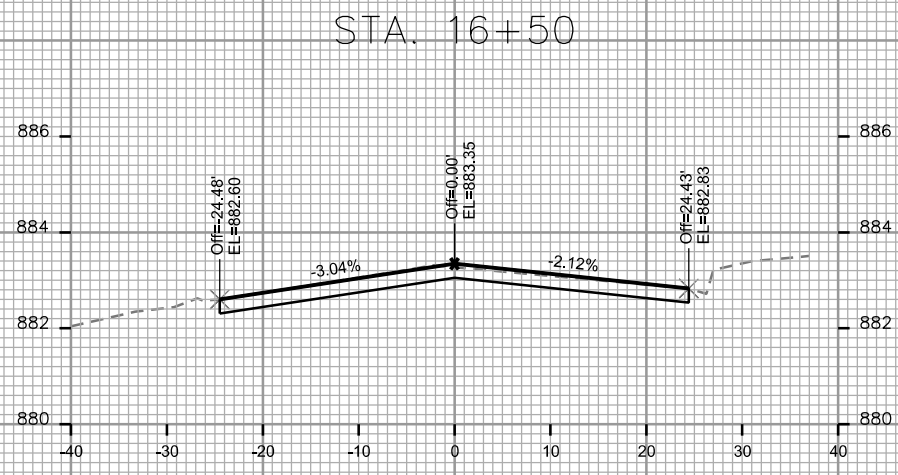
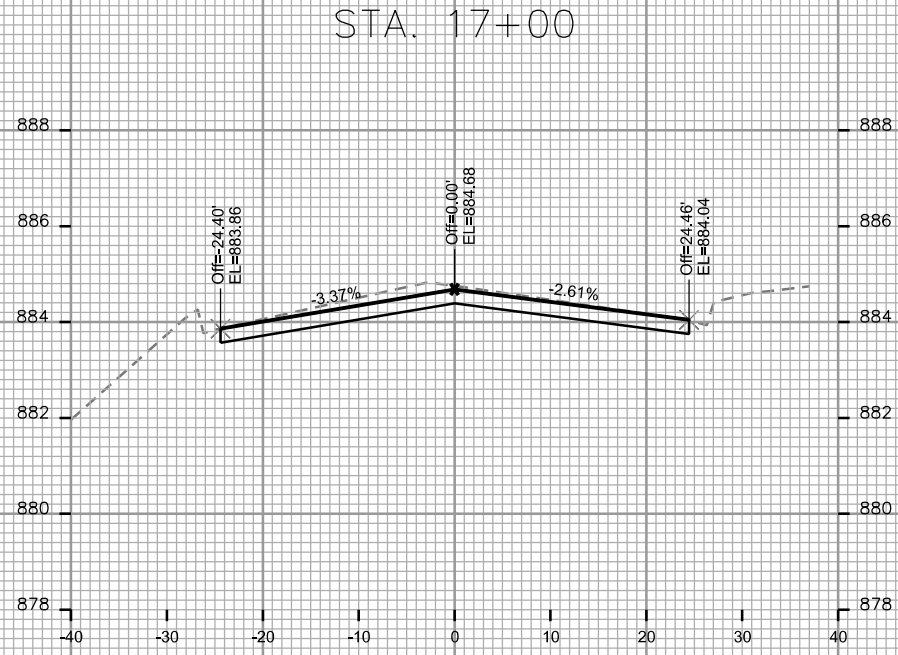
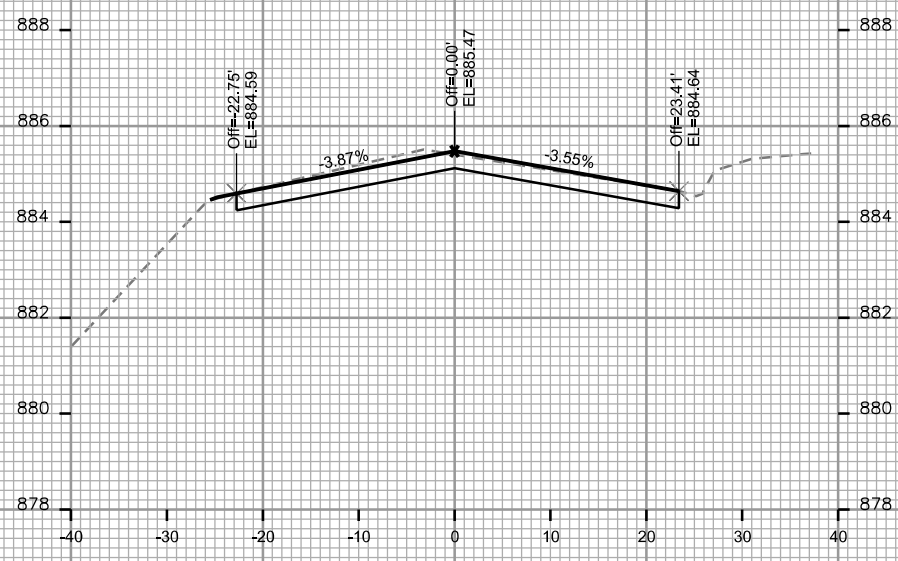
ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.

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CROSS SECTIONS

MARSH ROAD

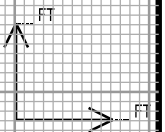
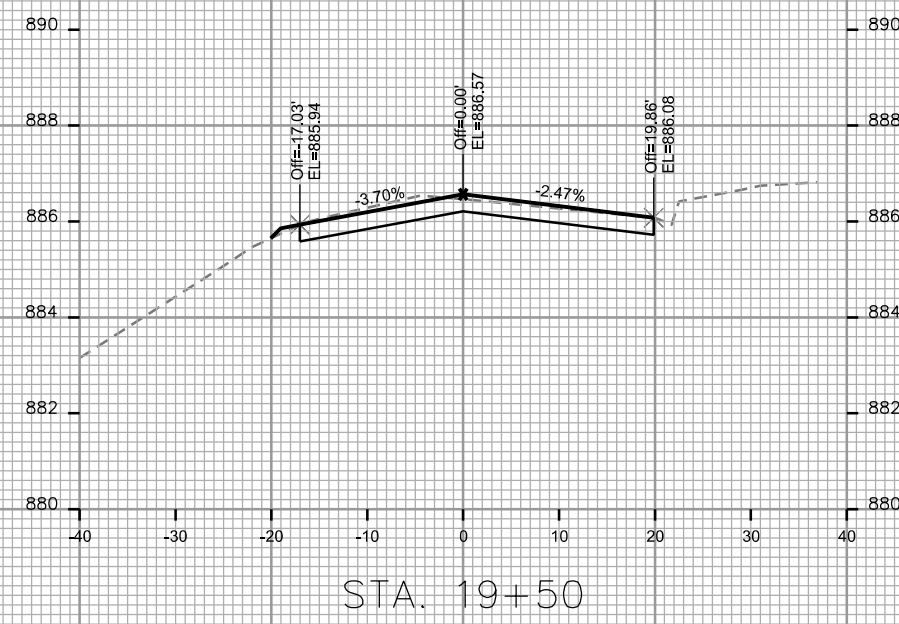
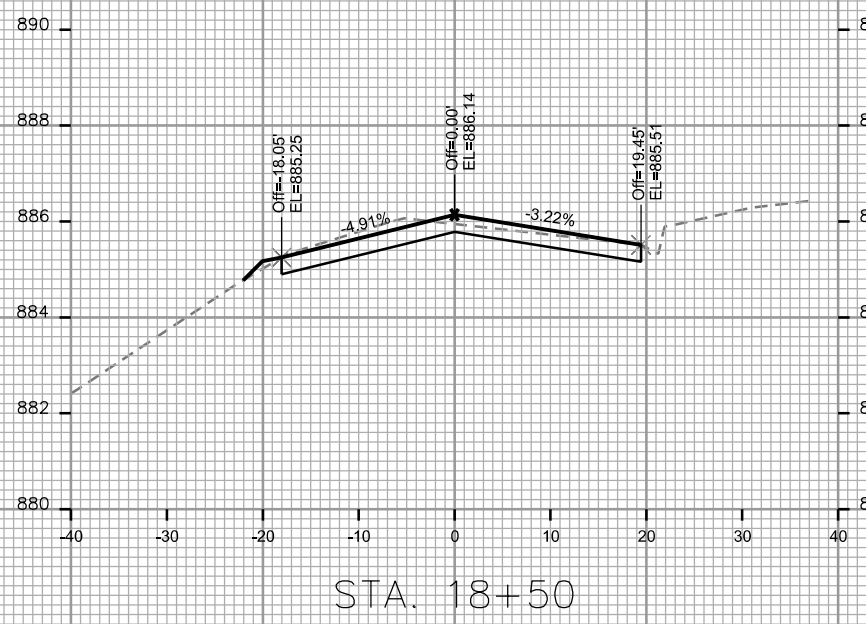
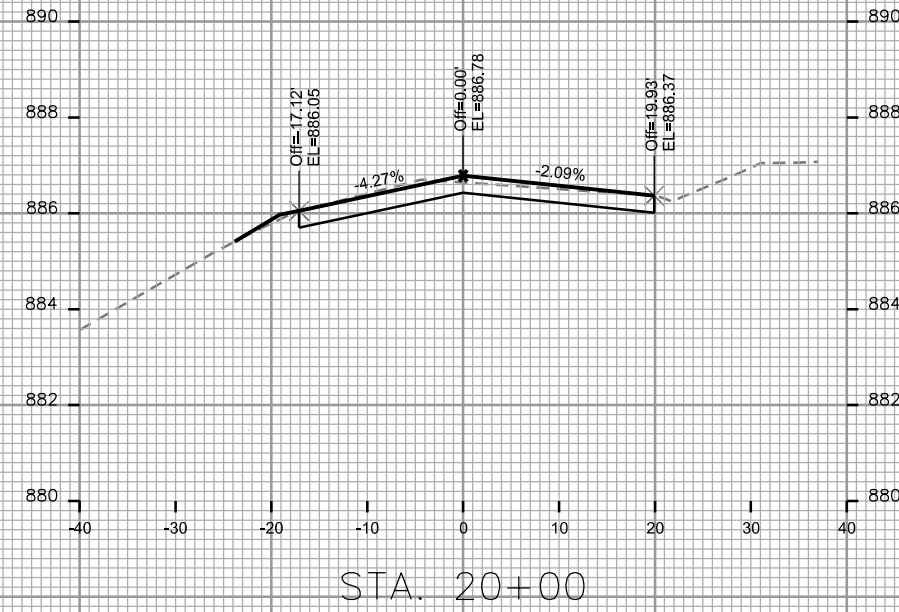
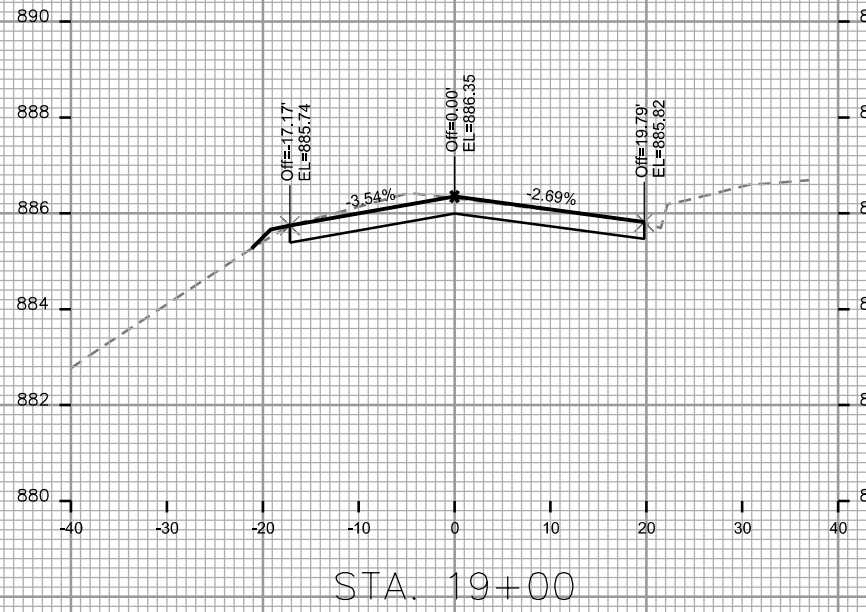
CITY OF MADISON

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

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

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

ORIGINATOR: CITY OF MADISON - STREETS DIVISION



CROSS SECTIONS

MARSH ROAD

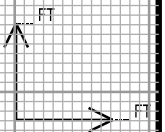
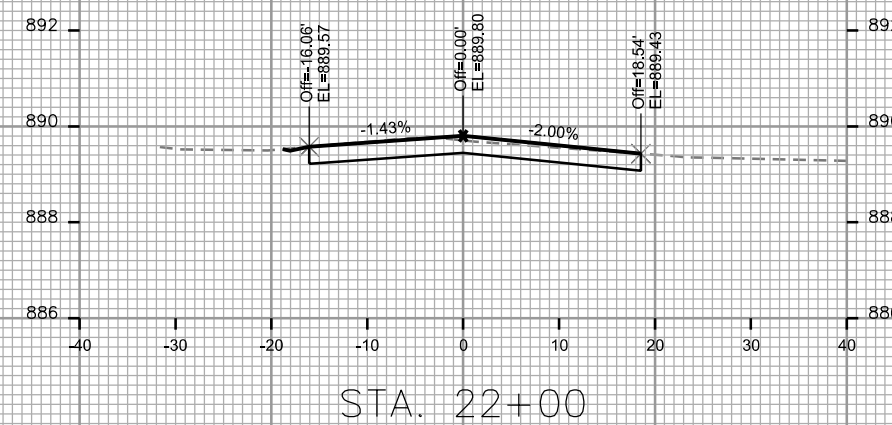
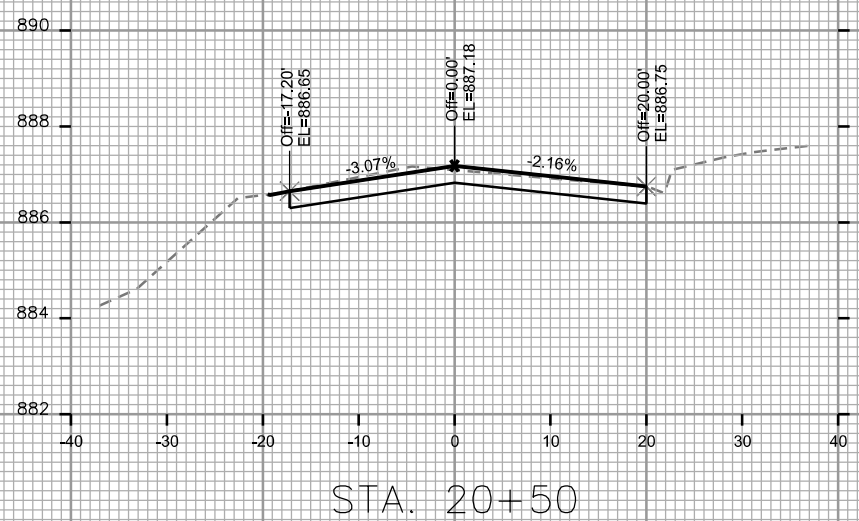
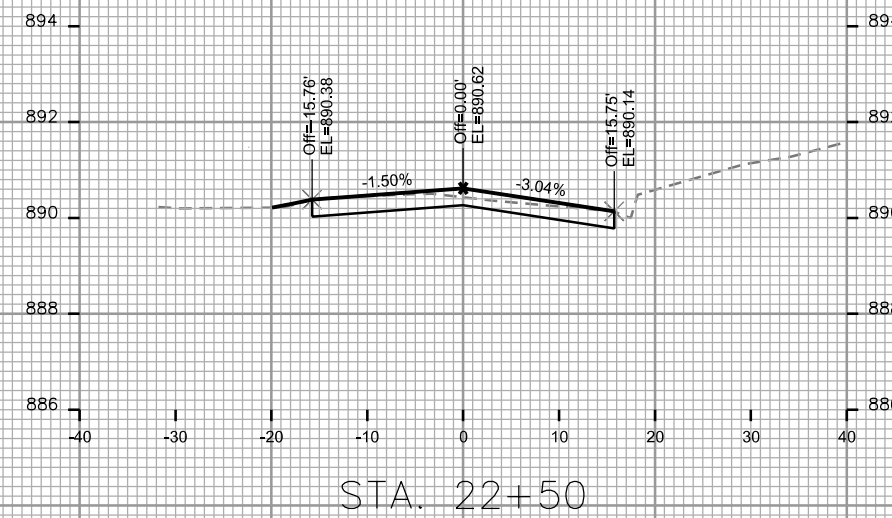
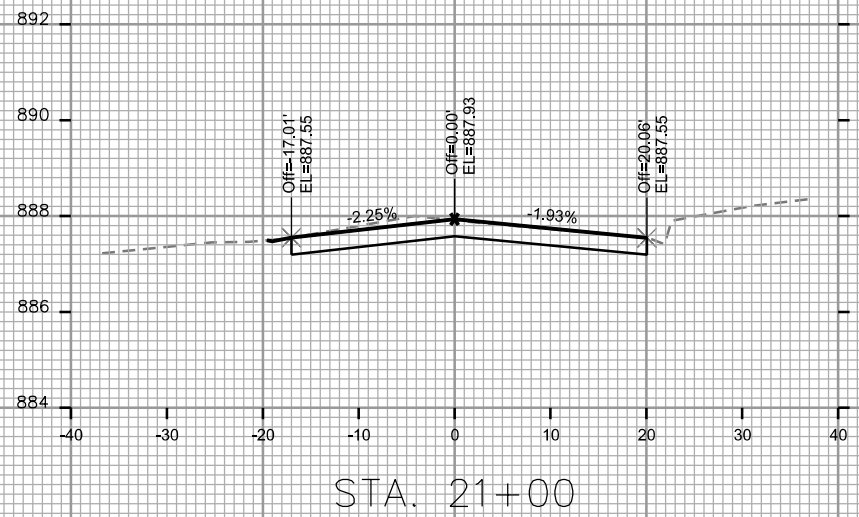
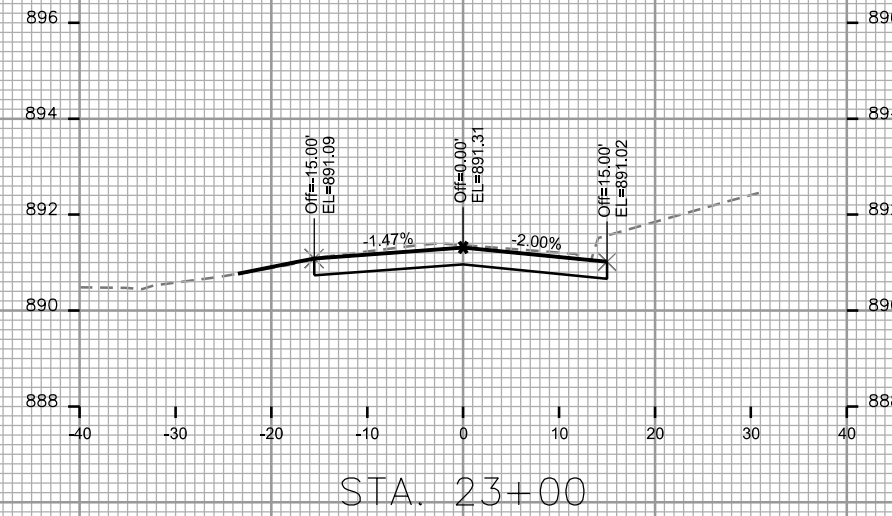
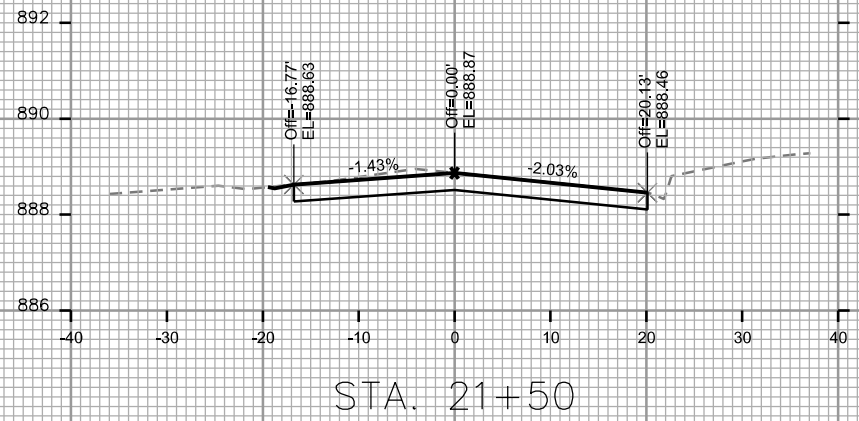
CITY OF MADISON

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

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

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ORIGINATOR: CITY OF MADISON, STREETS DIVISION



CROSS SECTIONS

MARSH ROAD

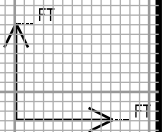
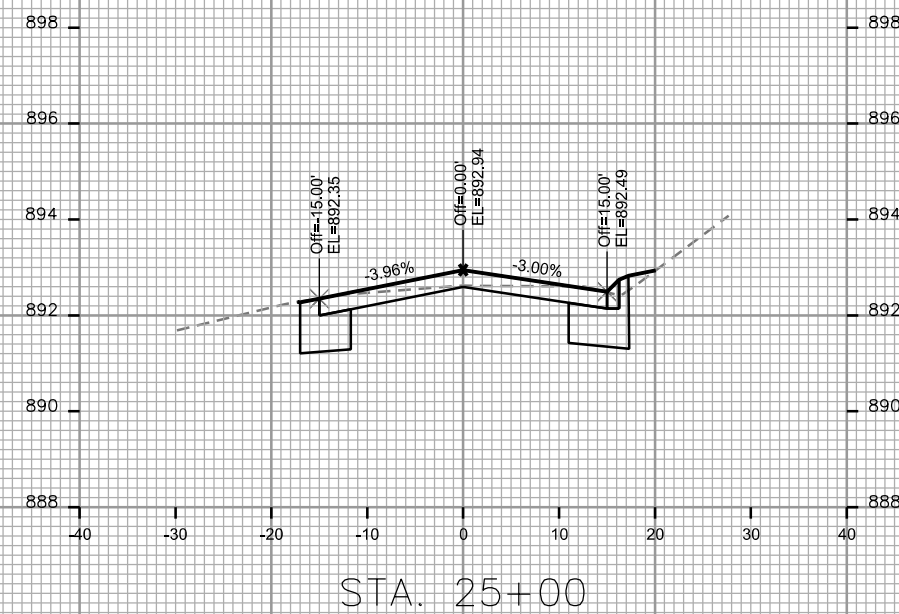
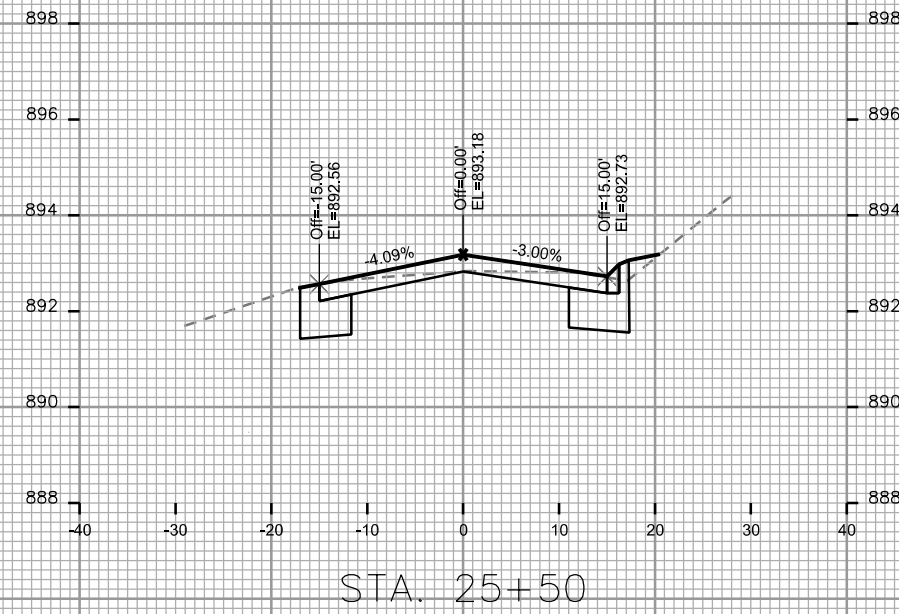
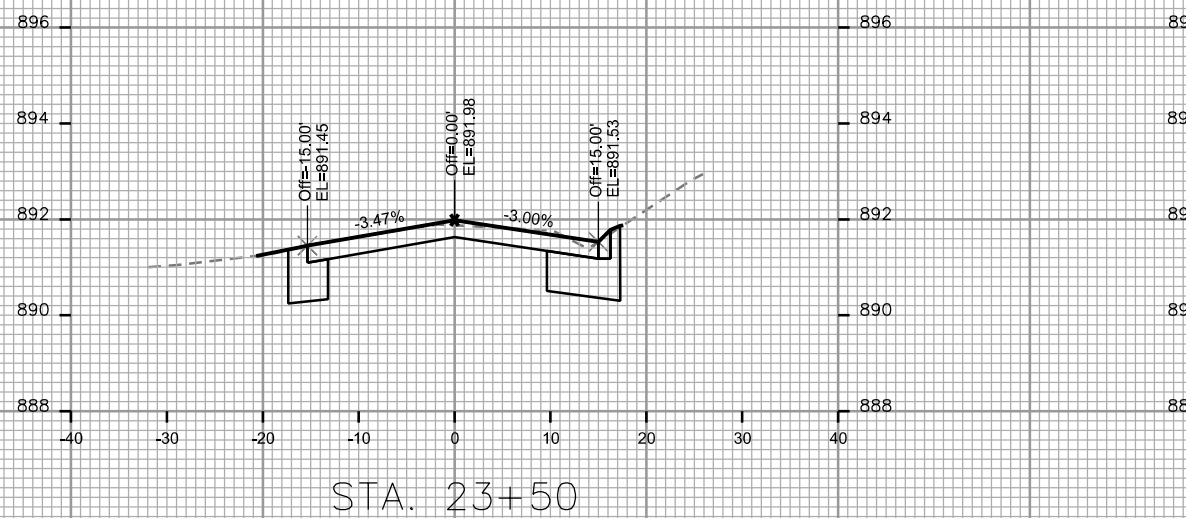
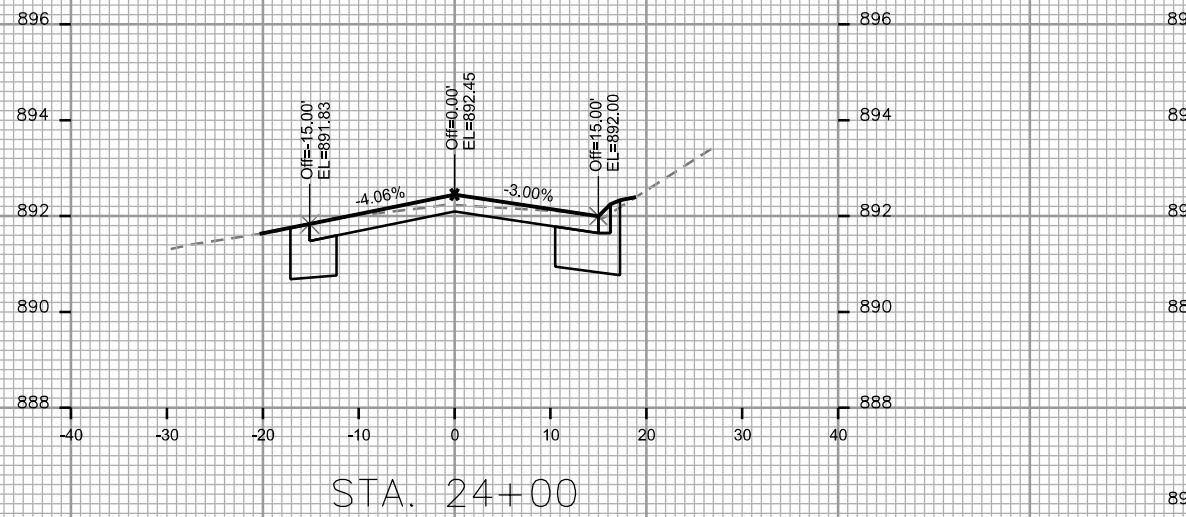
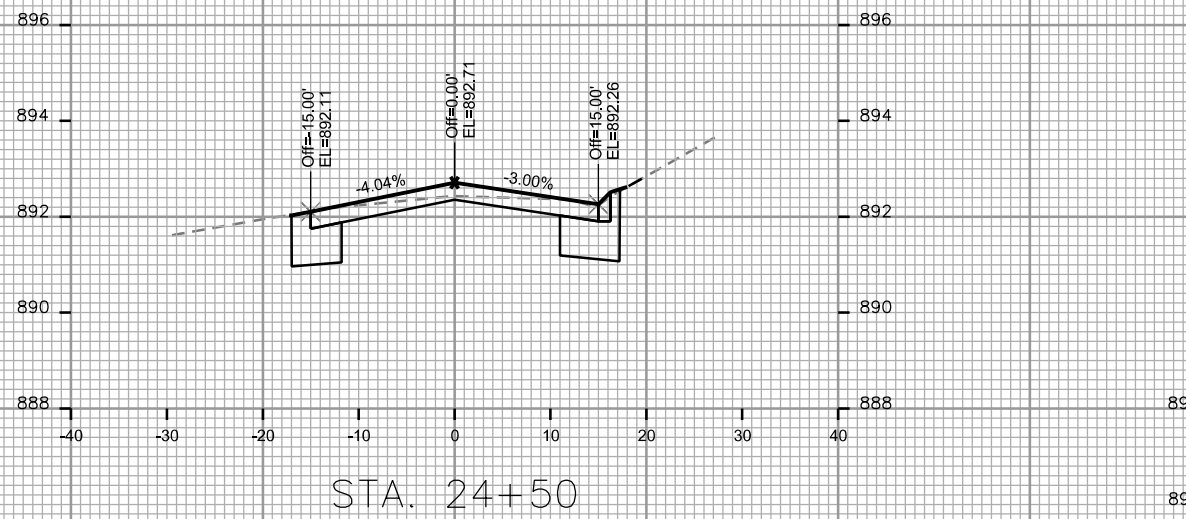
CITY OF MADISON

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CROSS SECTIONS

MARSH ROAD

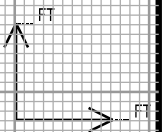
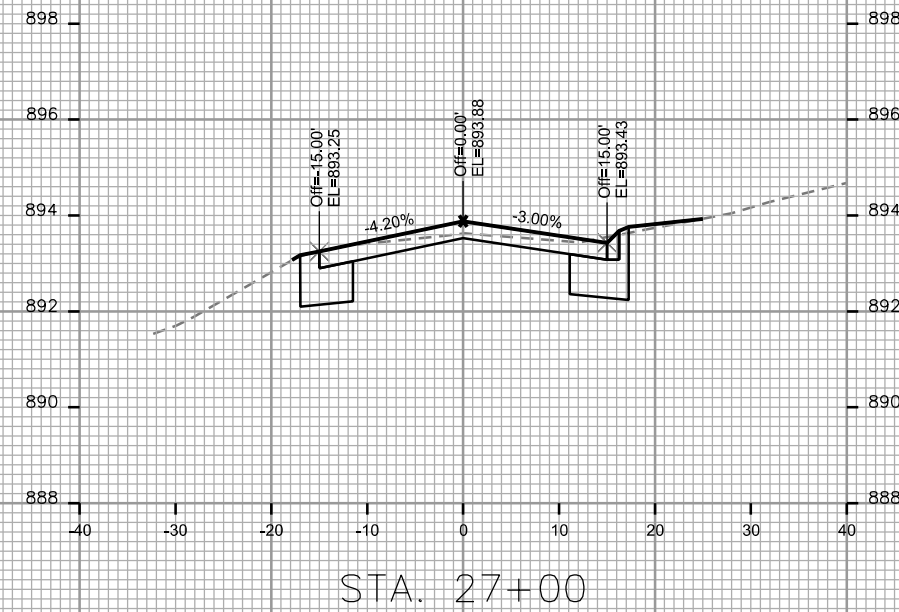
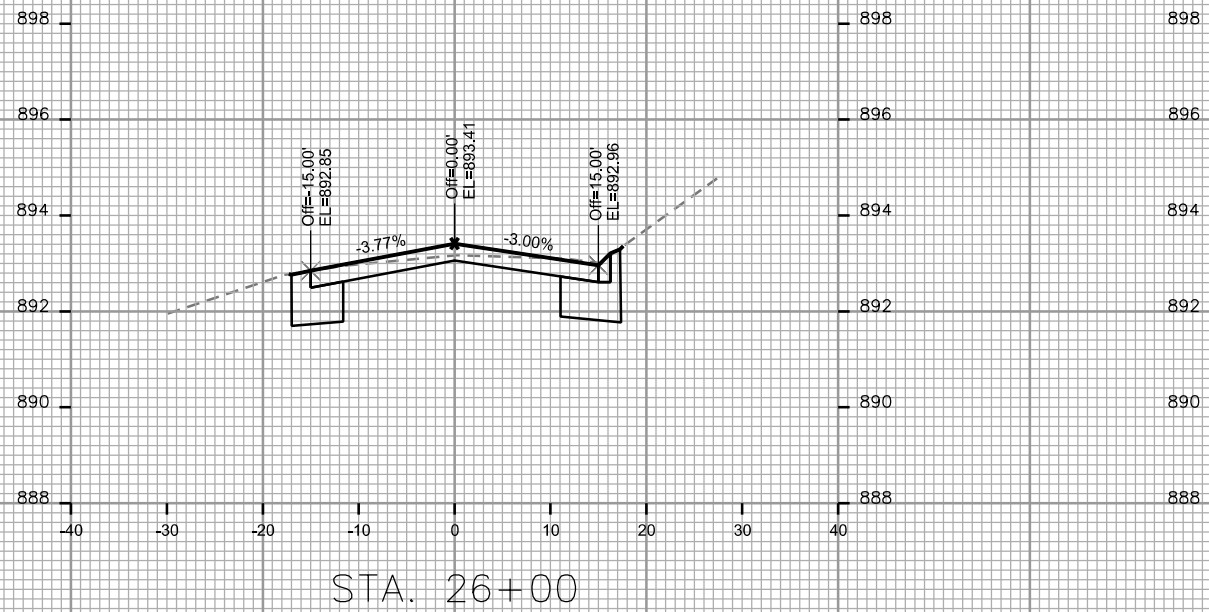
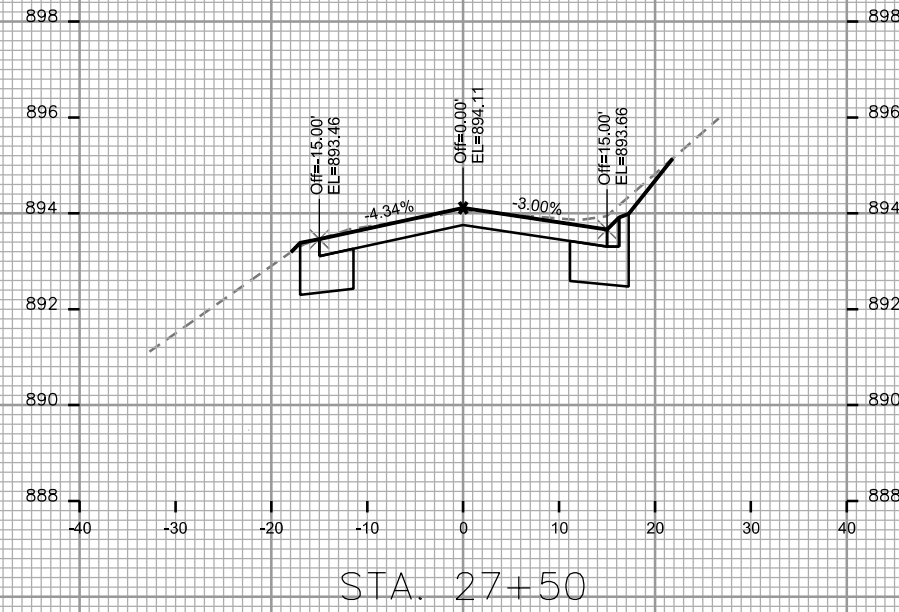
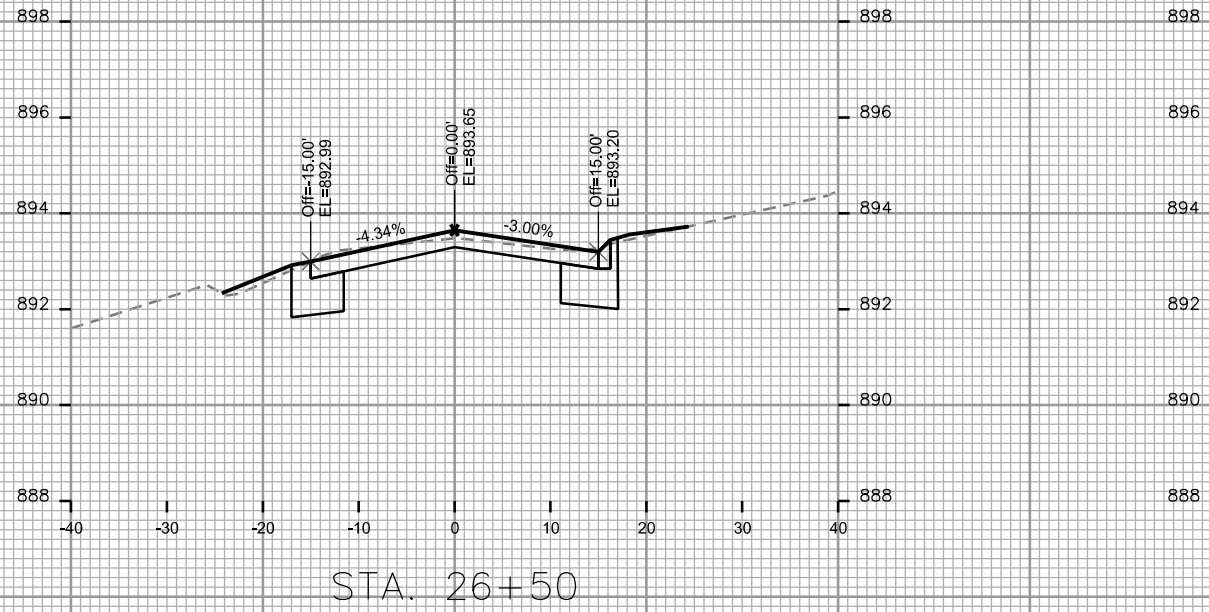
CITY OF MADISON

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

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

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

ORIGINATOR: CITY OF MADISON, STREETS DIVISION





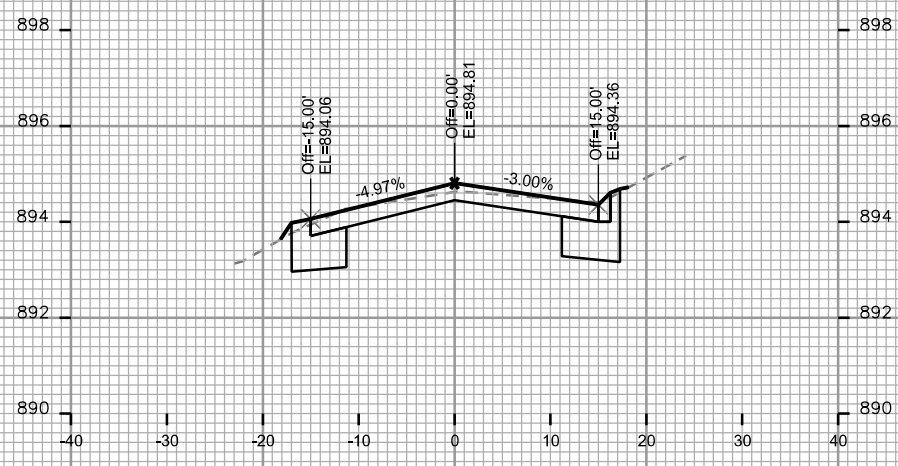
CROSS SECTIONS  
MARSH ROAD CITY OF MADISON

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

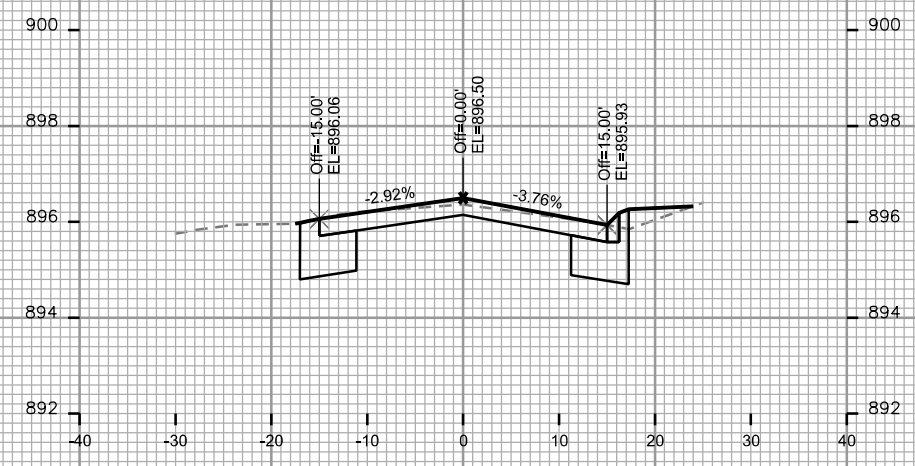
PLOT NAME: \_\_\_\_\_

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

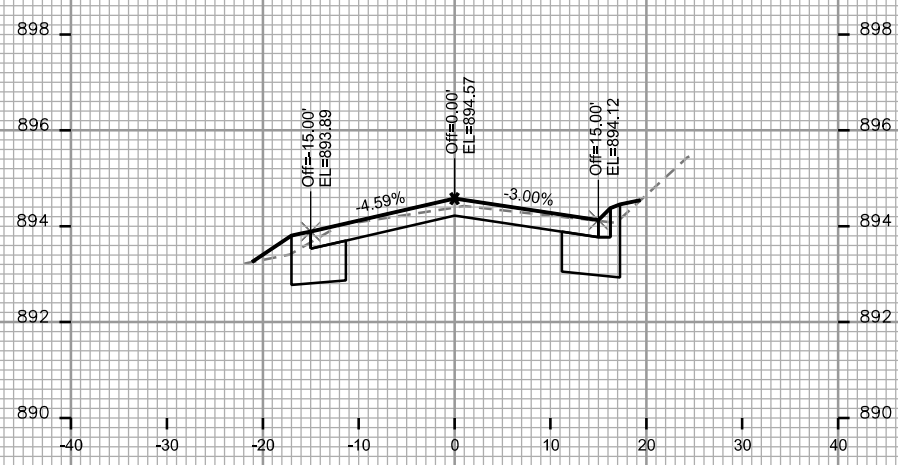
ORIGINATOR: CITY OF MADISON - STREETS DIVISION



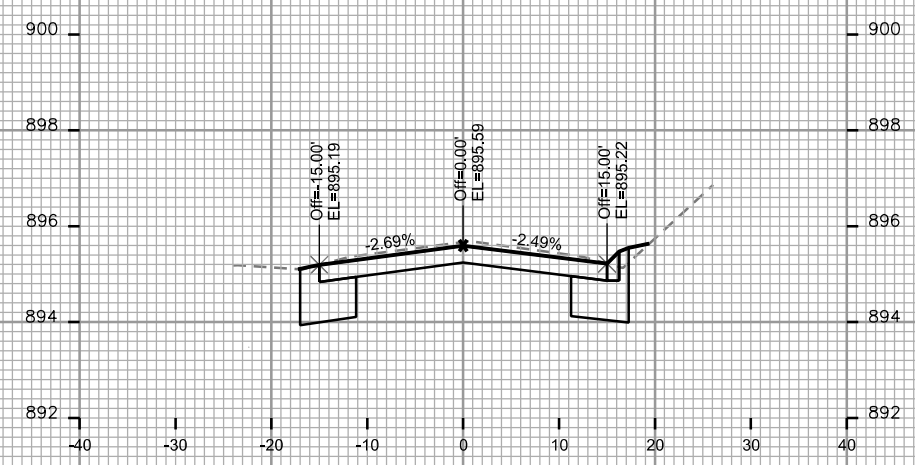
STA. 29+00



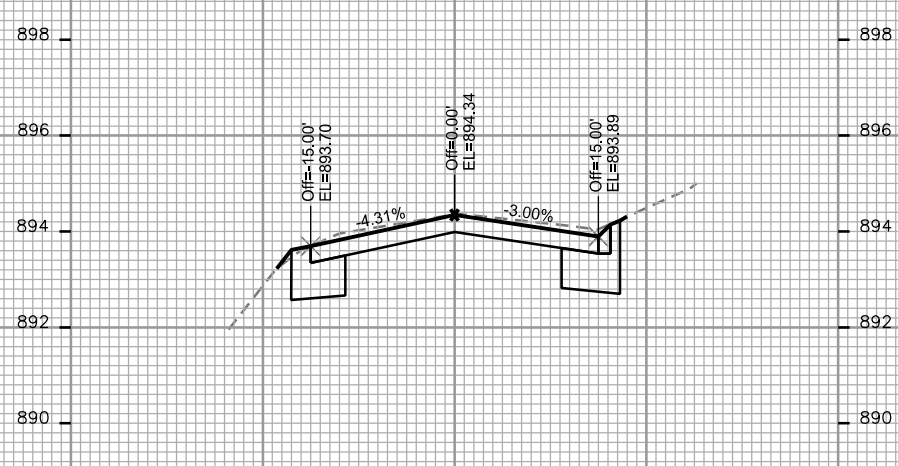
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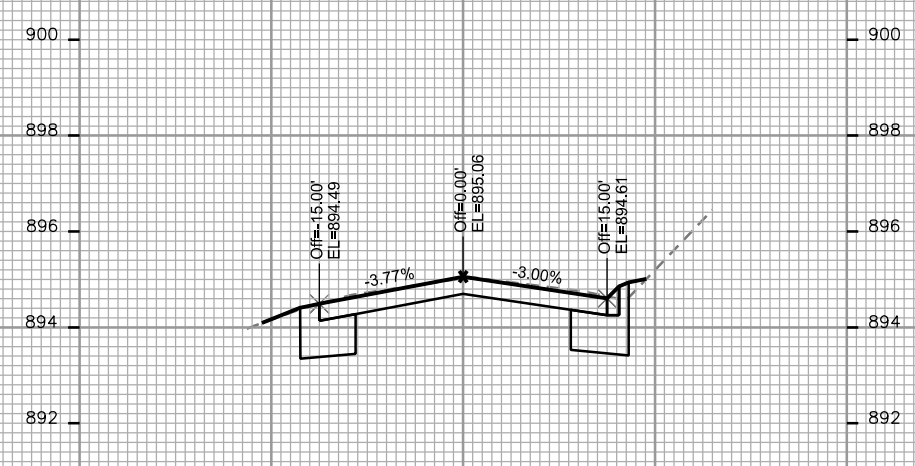
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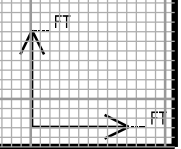
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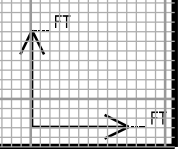
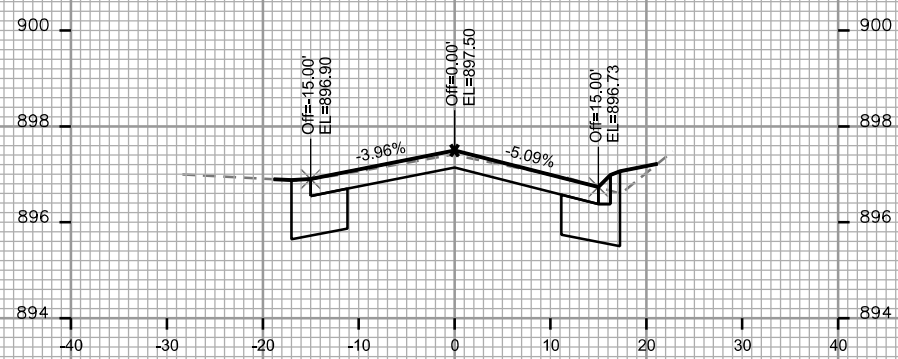
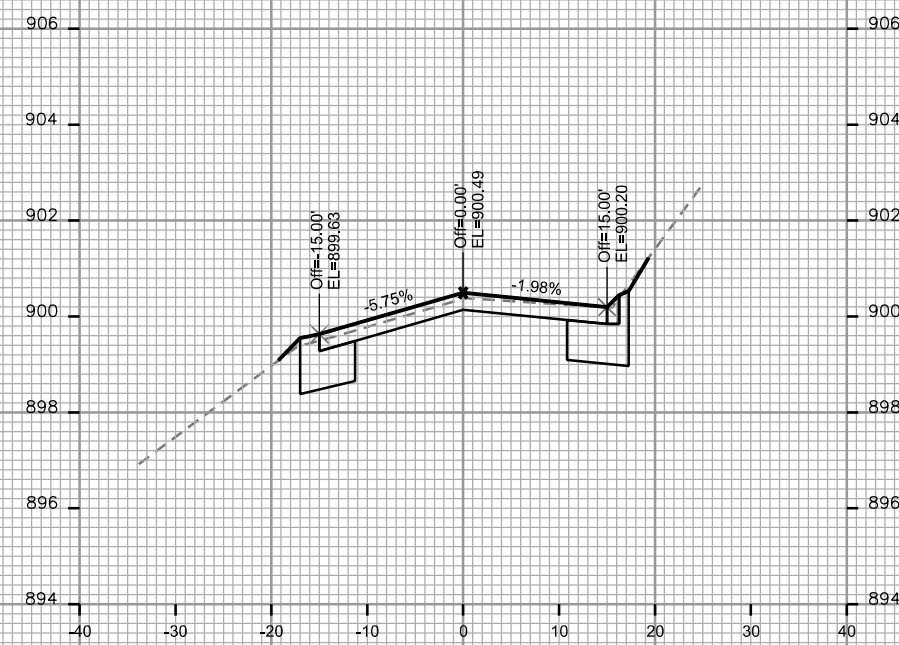
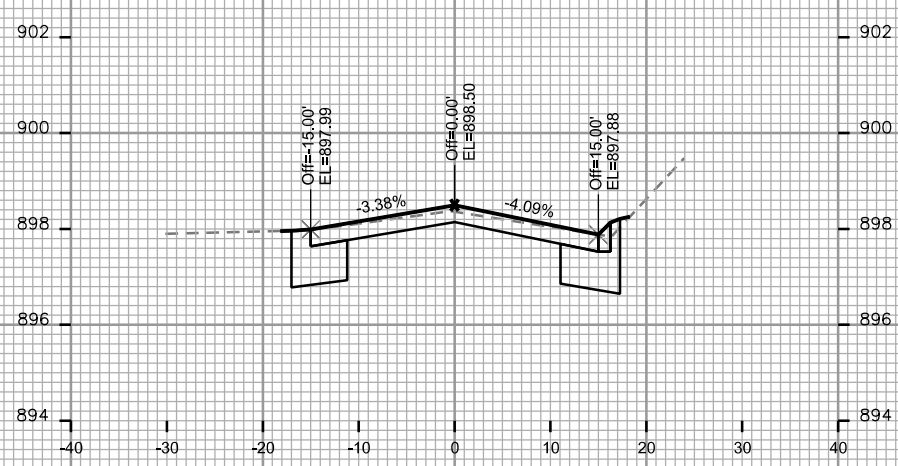
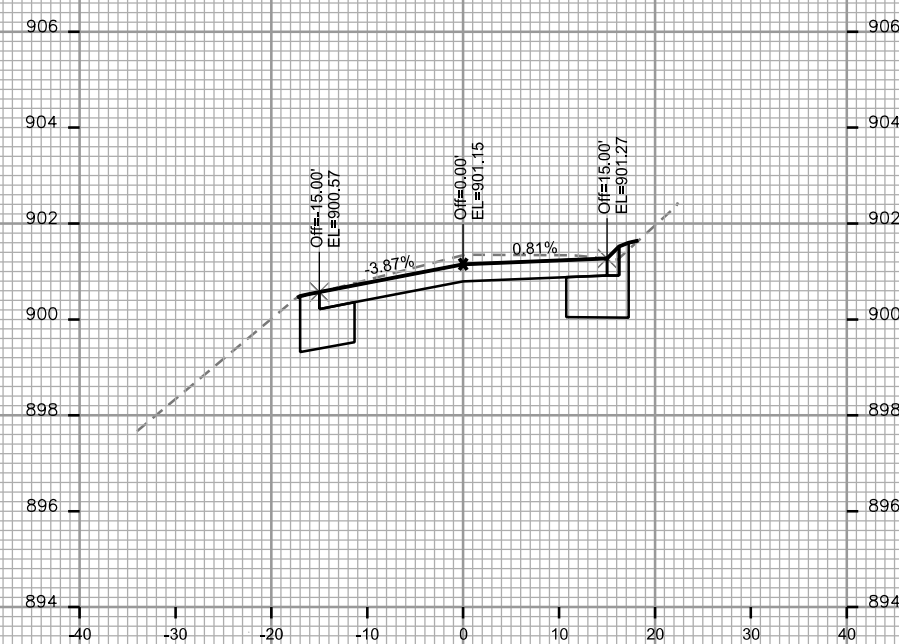
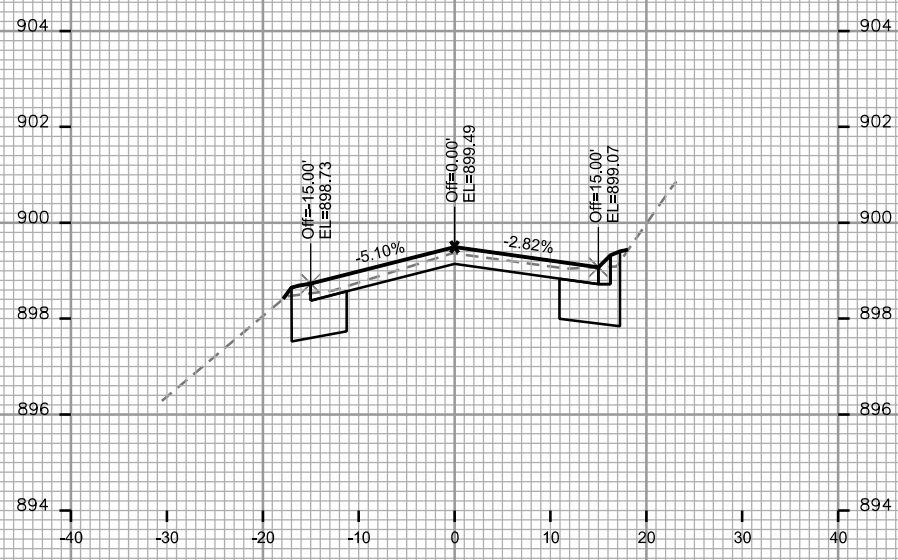


STA. 28+00



STA. 29+50





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

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

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

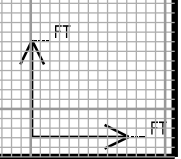
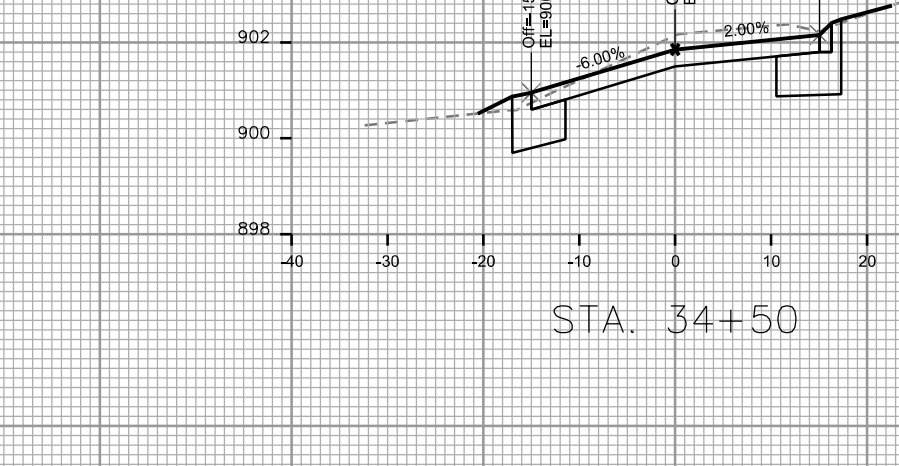
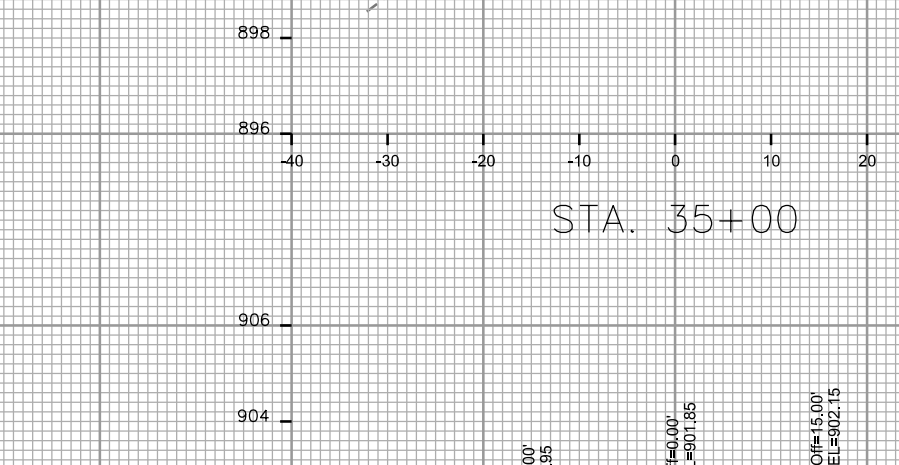
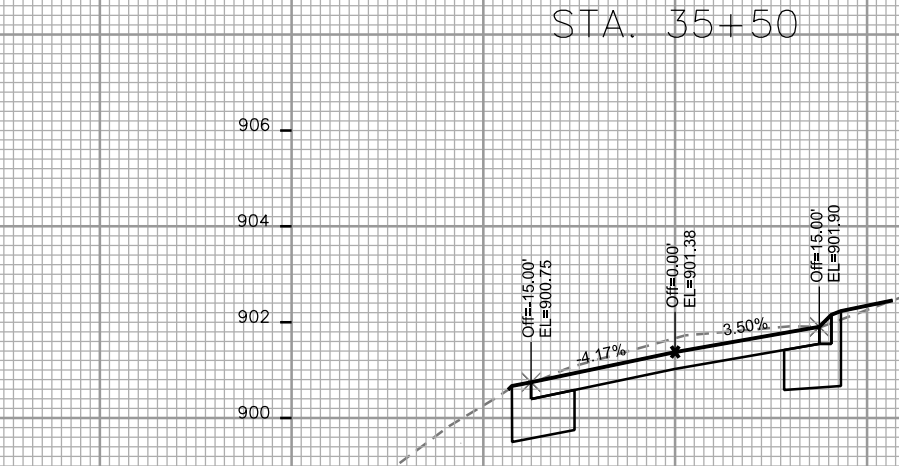
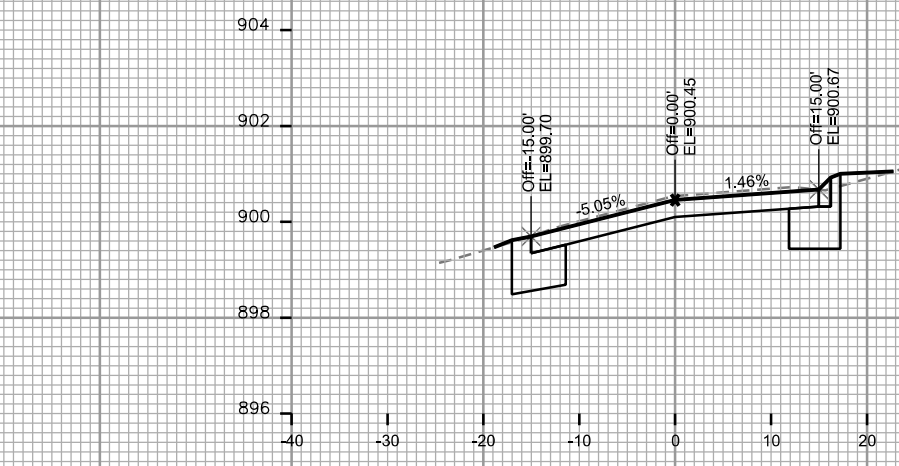
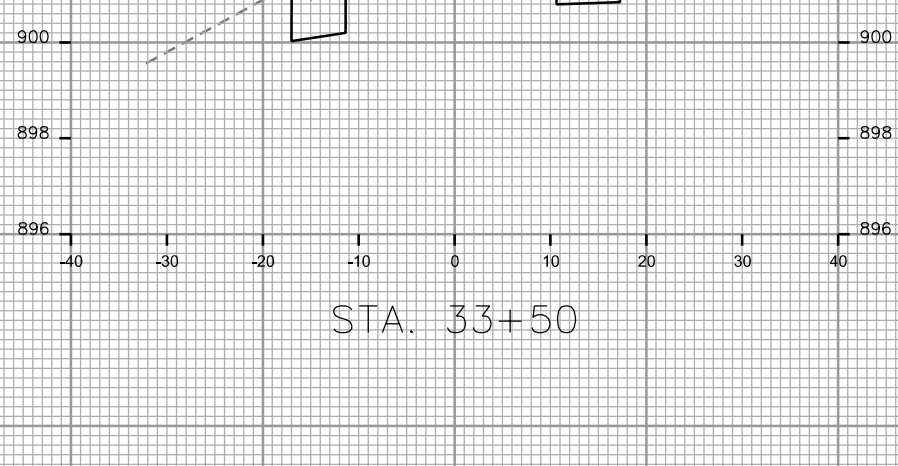
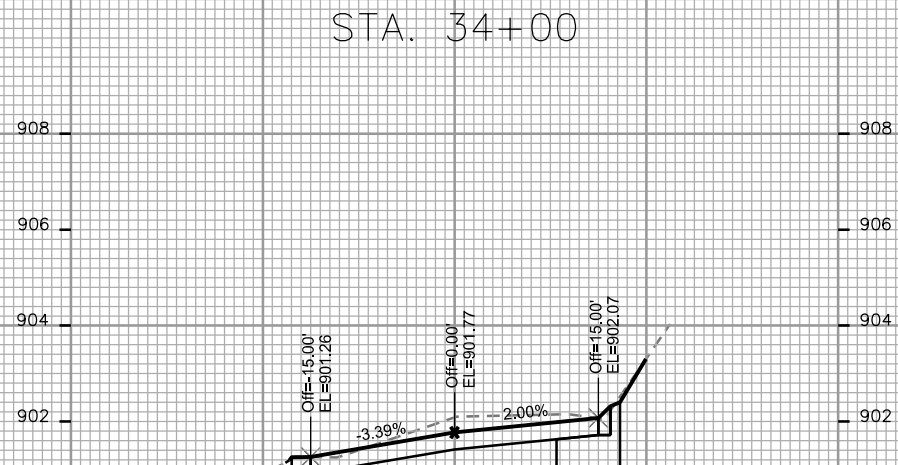
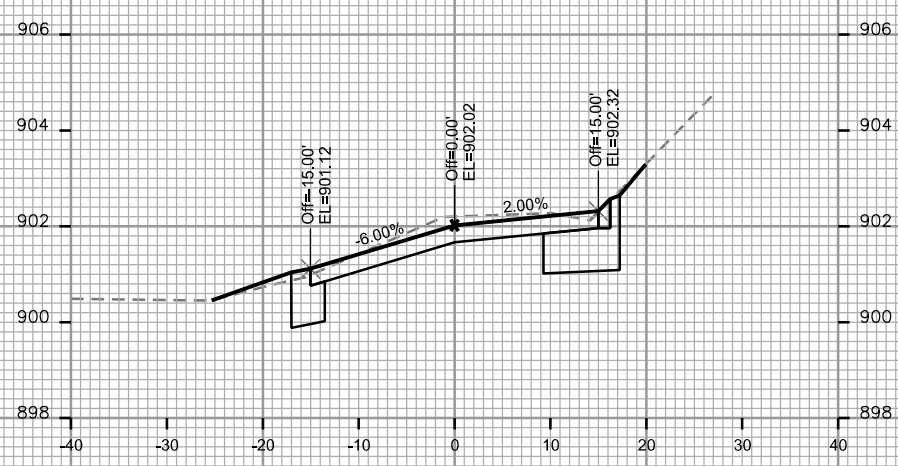
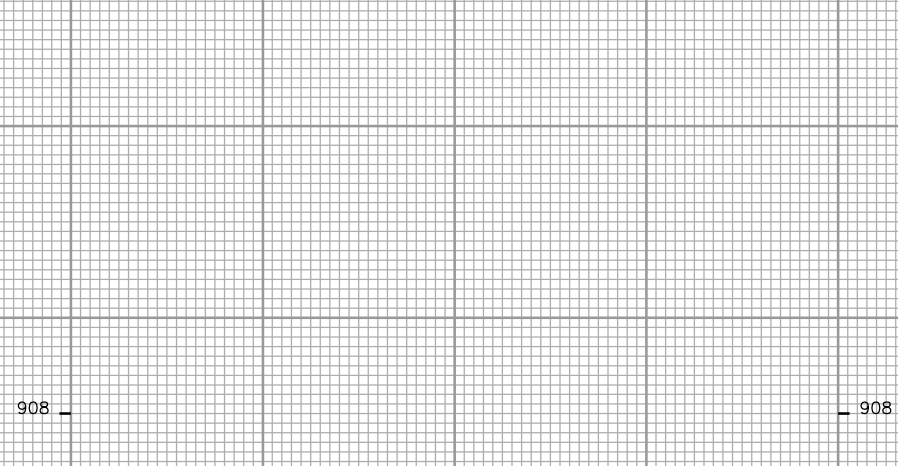
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

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

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

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

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



CROSS SECTIONS

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CITY OF MADISON

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

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