

Madison, Wisconsin


CITY OF MADISON

CITY ENGINEERING DIVISION

DEPARTMENT OF PUBLIC WORKS

PLAN OF PROPOSED IMPROVEMENT

PUBLIC IMPROVEMENT PROJECT APPROVED
 FEBRUARY 23, 2016
 BY THE COMMON COUNCIL OF MADISON, WISCONSIN

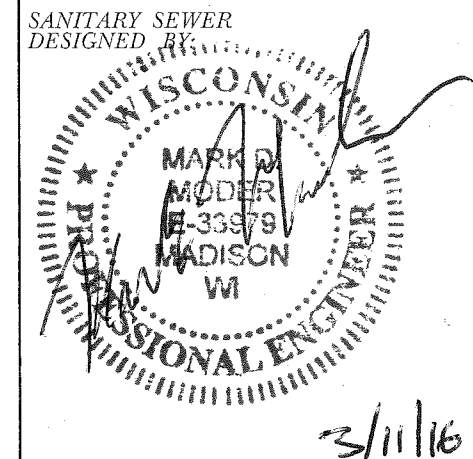
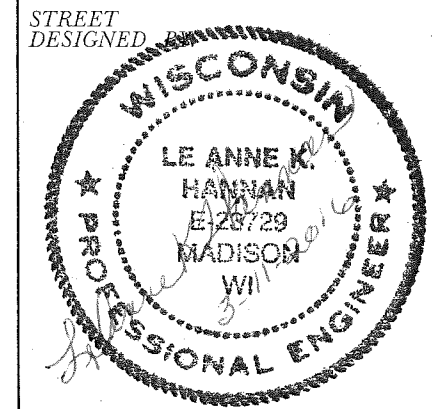
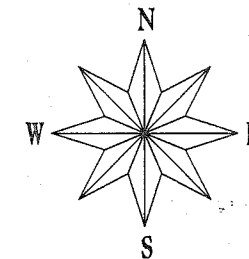
PUBLIC IMPROVEMENT DESIGN APPROVED BY:

 City Engineer 3/16/16
Date

INDEX OF SHEETS

SHEET NO.	TITLE
1	
DI-D2	DETAILS
EI-E18	ELECTRIC PLAN
ECI-EC8	EROSION CONTROL PLANS
MI-M10	PAVEMENT MARKING PLAN
PI-P15	STREET PLAN & PROFILES (EASTBOUND)
PI6-P30	STREET PLAN & PROFILES (WESTBOUND)
TCI-TC22	TRAFFIC CONTROL PLAN
UI-U18	UTILITY PLAN & PROFILES
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U20	SANITARY SEWER REMOVAL SCHEDULE
U21	STORM SEWER SCHEDULE
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WI3-W16	WATER SYSTEM IMPACT PLAN
WI7	WATER ESTIMATE OF MATERIALS

COTTAGE GROVE ROAD RESURFACING ASSESSMENT DISTRICT-2016

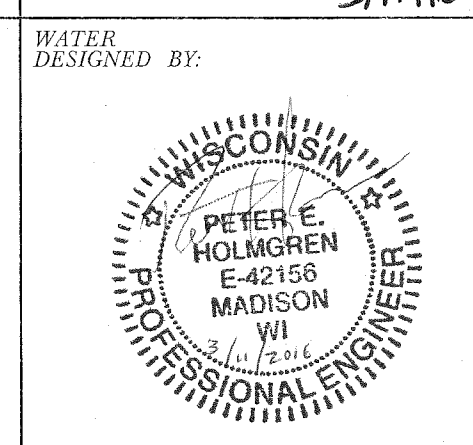
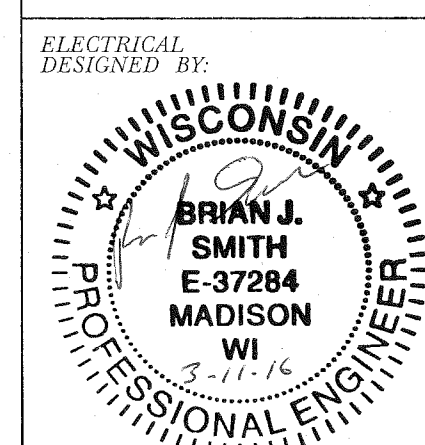
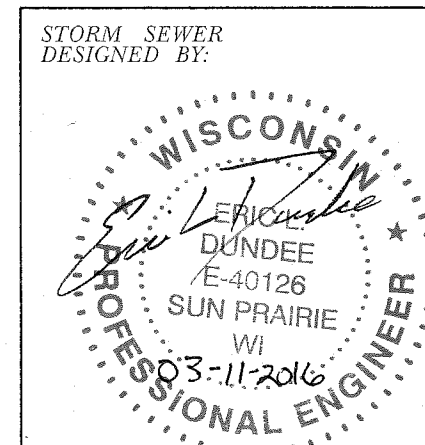
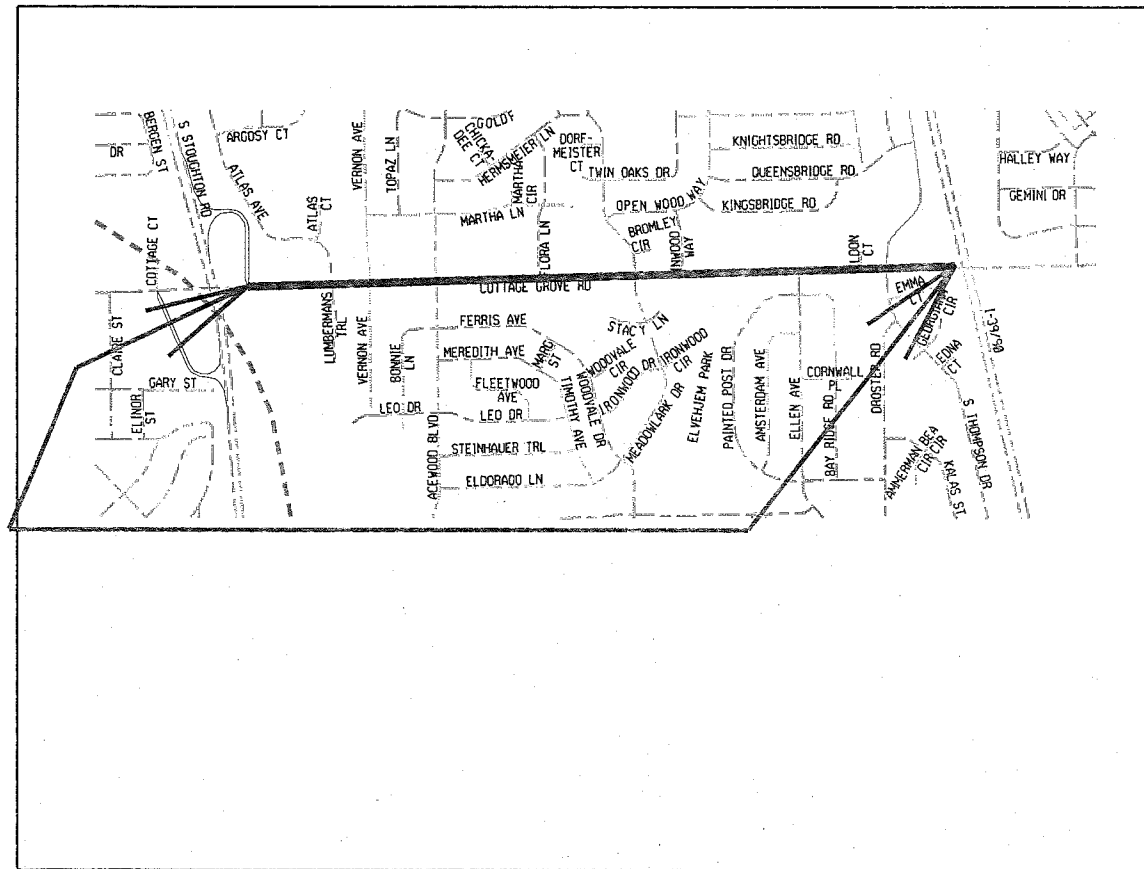
CITY PROJECT NO. 11099
 CITY CONTRACT NO. 7625



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	



CONSTRUCTION PROJECT LOCATION

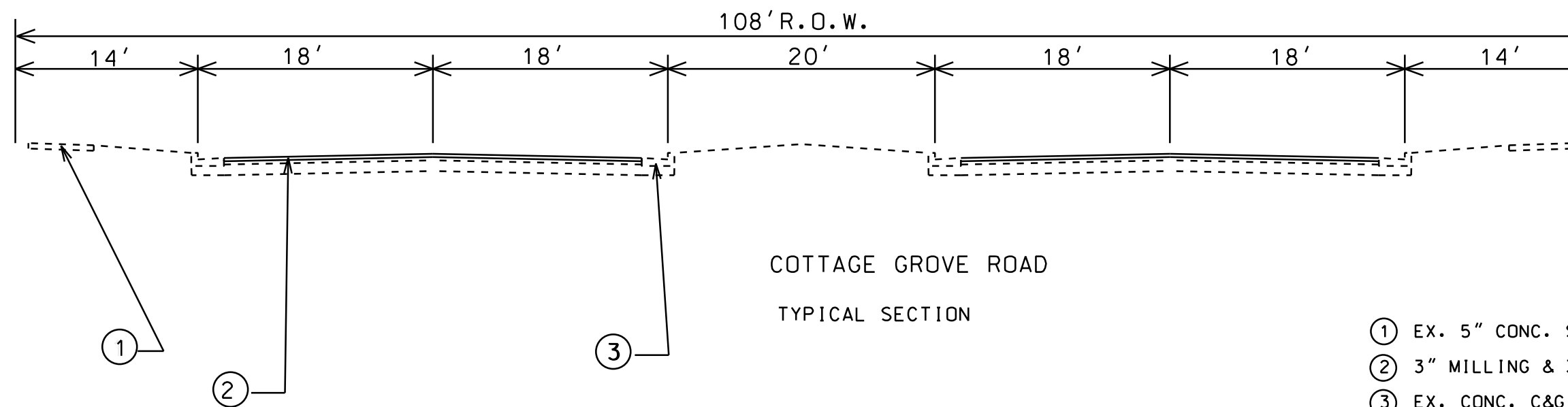
NOTES:

ALL GUTTERS SHALL DRAIN WITH A MINIMUM GRADE OF 0.50% TOWARD STORM SEWER INLETS.

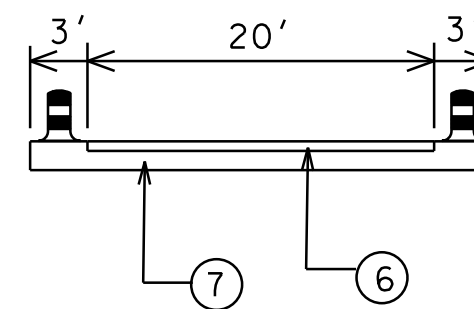
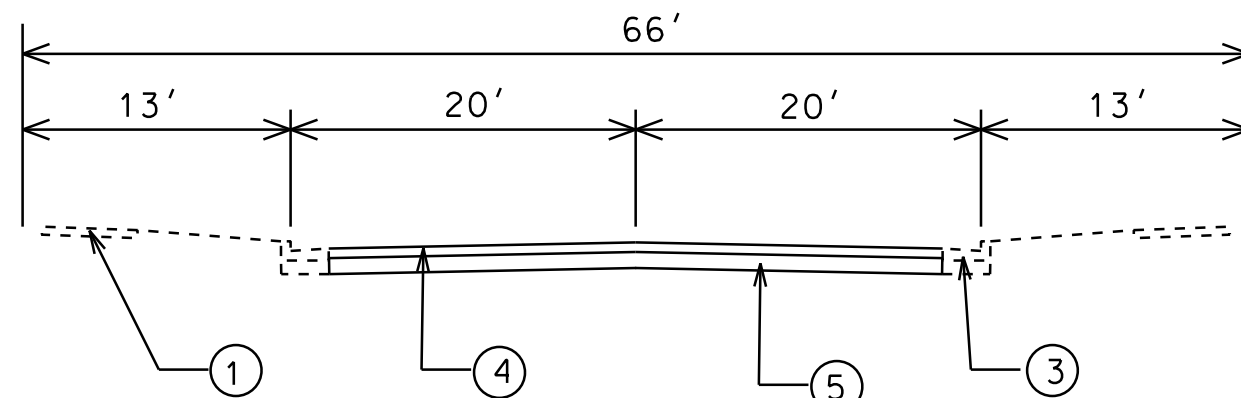
SIDEWALK RAMPS AND CURB THRU SIDEWALK RAMPS SHALL HAVE A MAXIMUM SLOPE OF 1" PER 12". SIDEWALK AND CURB RAMPS SHALL BE CONSTRUCTED WITH A SIDE SLOPE OF 2.00%.

SIDEWALK SHALL HAVE A MINIMUM LONGITUDINAL SLOPE OF 0.50% AND A MAXIMUM LONGITUDINAL SLOPE OF 5.00% EXCEPT WHERE STREET GRADES EXCEED 5.00%.

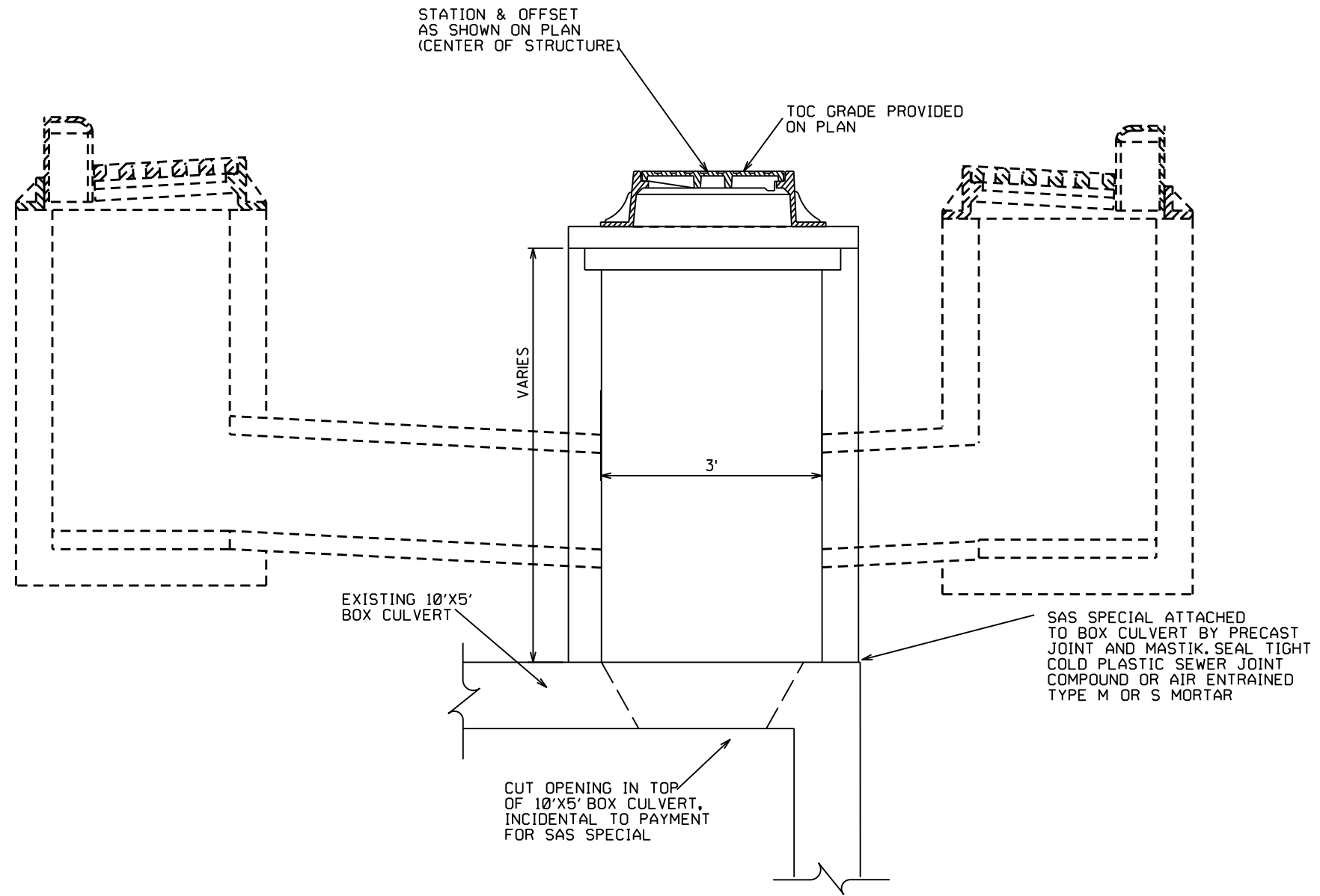
PLOT SCALE: PLOT NAME: REV. DATE: ORIGINATOR: CITY OF MADISON, STREETS DIVISION



- ① EX. 5" CONC. SW
- ② 3" MILLING & 3" OVERLAY HMA PAV'T TYPE E-3
- ③ EX. CONC. C&G
- ④ 4 1/4" HMA PAV'T TYPE E-3
- ⑤ 4" C.A.B.C. GRAD.2
6" C.A.B.C. GRAD.1
- ⑥ 5" HMA PAV'T TYPE E-1
- ⑦ 6" C.A.B.C. GRAD. 1



LEVELS ON - 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63



PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

GENERAL ELECTRIC NOTES

1. ALL LOCATIONS ARE APPROXIMATE. THE TRAFFIC ENGINEER SHALL APPROVE FINAL LOCATIONS, INCLUDING SETBACK, IN THE FIELD. THE CONTRACTOR SHALL NOTIFY GRETCHEN AVILES (266-4899) CITY TRAFFIC ENGINEERING, AT LEAST 24-HOURS IN ADVANCE OF NEEDING CONDUIT OR 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, 2016 EDITION" AND ALL ADDENDUMS THERETO. ALL CONDUITS SHALL BE PVC, SCHEDULE 80 UNDER PAVEMENT OR SCHEDULE 40 OTHERWISE. PULL WIRE REQUIRED AS PER STANDARD SPECIFICATIONS.
4. THE CONTRACTOR SHALL CALL MIKE CHRISTOPH (266-9031) 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 ARRANGE FOR PICKUP OF THE FOLLOWING CITY FURNISHED MATERIALS, WHICH SHOULD BE ARRANGED FOR PICKUP BY CALLING DENNIS ROWE, TRAFFIC ENGINEERING SHOP, 266-9034, 1120 SAYLE ST, AT LEAST 24-HOURS PRIOR TO NEEDING MATERIALS:
-1-1/2"X52" ANCHOR BOLTS: 4 SETS OF 6
-1-1/4"X48" ANCHOR BOLTS: 2 SETS OF 4
6. CITY TRAFFIC ENGINEERING CREWS WILL BE REPLACING TRAFFIC SIGNAL LOOPS. THE CONTRACTOR SHALL COORDINATE INSTALLATION OF LOOP DETECTORS AND CONDUIT WITH TRAFFIC ENGINEERING. THE CONTRACTOR SHALL NOTIFY CITY TRAFFIC ENGINEERING ELECTRICAL SECTION (TOM BODENSTEIN, 266-4767), 48 HOURS PRIOR TO FINAL PAVING.

LEGEND

— —	INSTALL PVC (2-3" & 1-2" UNLESS OTHERWISE NOTED)
○	BASE (LB-8 OR TYPE 10 AS NOTED)
⊗	ELECTRICAL HANDHOLE TYPE 1
⊠	ELECTRICAL HANDHOLE TYPE 3
⊞	ELECTRICAL HANDHOLE TYPE 5
⊟	ELECTRICAL HANDHOLE TYPE 7
	HH# FOR SIGNAL HANDHOLES
	HHF# FOR FIBER HANDHOLES
- - - -	ELECTRICAL LOOPS
●	WOOD POLE FOR TEMPORARY SIGNAL/LIGHTING
⊗	EXISTING ELECTRICAL HANDHOLE
⊞	EXISTING SIGNAL CONTROL BASE
⊞	EXISTING STREET LIGHT SL#
⊞	EXISTING SIGNAL BASE
- - - -	EXISTING ELECTRICAL CONDUIT
⊞	CONTROL BASE (TYPE M OR P AS NOTED) CB#

PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.



MATCHLINE 1

MATCHLINE 1

0710-091-0209-8
ILLING/SCHOLBROCK PRTSHP
826 Atlas Ave

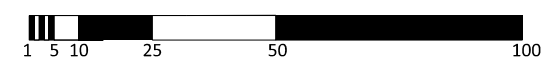
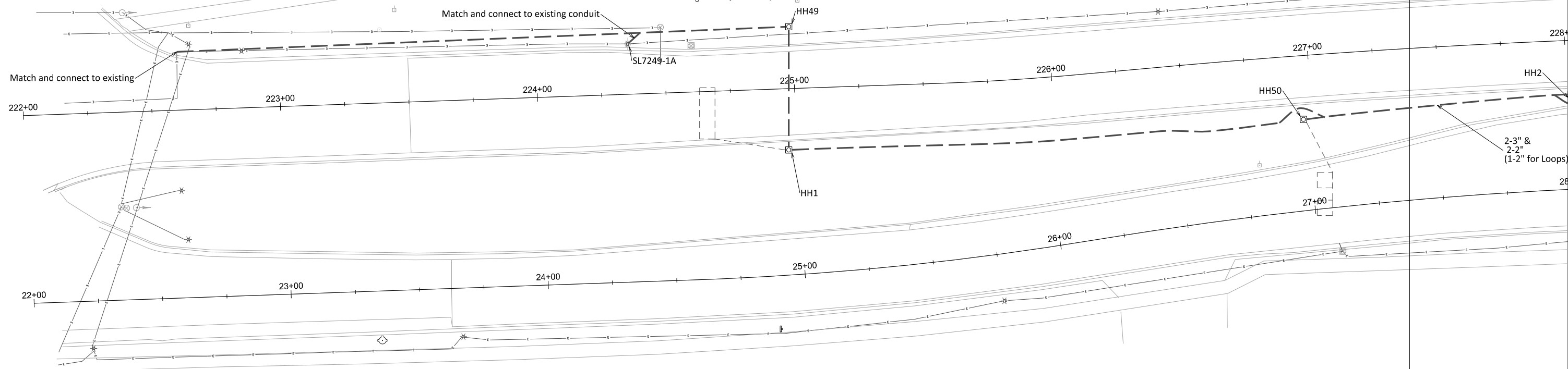
0710-091-0203-0
BECKS ENTERPRISES OF DANE
COUNTY LLC
802 Atlas Ave

0710-091-0202-2
MENNENGA, MARSHALL D
& BETTY J MENNENGA
814 Atlas Ave

0710-094-0099-7
CENTRAL STORAGE & WAREHOUSE CO
4301 Cottage Grove Rd

0710-094-0099-7
CENTRAL STORAGE & WAREHOUSE CO
4301 Cottage Grove Rd

- LEGEND
- INSTALL PVC (2-3" & 1-2" UNLESS OTHERWISE NOTED)
 - BASE (LB-8 OR TYPE 10 AS NOTED)
 - ⊖ ELECTRICAL HANDHOLE TYPE 1
 - ⊖ ELECTRICAL HANDHOLE TYPE 3
 - ⊖ ELECTRICAL HANDHOLE TYPE 5
 - ⊖ ELECTRICAL HANDHOLE TYPE 7
 - HH* FOR SIGNAL HANDHOLES
 - HHF# FOR FIBER HANDHOLES
 - ELECTRICAL LOOPS
 - WOOD POLE FOR TEMPORARY SIGNAL/LIGHTING
 - ⊖ EXISTING ELECTRICAL HANDHOLE
 - ⊖ EXISTING SIGNAL CONTROL BASE
 - ⊖ EXISTING STREET LIGHT SL#
 - EXISTING SIGNAL BASE
 - EXISTING ELECTRICAL CONDUIT
 - ⊖ CONTROL BASE (TYPE M OR P AS NOTED) CB#



PLOT SCALE:
PLOT NAME:
REV. DATE:
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Remove base and replace with Type 1 HH after new Type P base is completed. Coordinate with TE Shop, Mike Christoph. Existing loops to enter Type 1 HH

MATCHLINE 1
MATCHLINE 1

MATCHLINE 2
MATCHLINE 2

PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.

0710-091-0209-8
ILLING/SCHOLBROCK PRTSHP
826 Atlas Ave

0710-091-0201-4
BLATTER, DAVID
902 Atlas Ave

Connect to Fire Station 5 Fiber

0710-091-0613-1
CITY OF MADISON FIRE
FIRE STATION # 5
4418 Cottage Grove Rd

0710-102-0601-1
MADISON APARTMENTS 1 LLC
910 Vernon Ave

AT&T BURIED COPPER

2-3" &
2-2"
(1-2" for Loops)

2-3" &
2-2"
(1-2" for Loops)

2-3" &
1-2"

2-3" &
1-2"

2-3" &
1-2"

0710-094-1701-7
VS SQUARED LLC
4401 Cottage Grove Rd



Connect to existing loop conduit

SL7245A
2.5" Match to existing
HH11

SL7243A
2.5" Connect to existing conduits
HH10

0710-094-0086-4
FIRST FEDERAL SAV BANK
LEASING - REAL ESTATE
4407 Cottage Grove Rd

SL7242A
2.5" Connect to existing
HH9

0710-103-0316-4
VALENTA, JOSEPH C
4421 Cottage Grove Rd

LEGEND	
---	INSTALL PVC (2-3" & 1-2" UNLESS OTHERWISE NOTED)
○	BASE (LB-8 OR TYPE 10 AS NOTED)
□	ELECTRICAL HANDHOLE TYPE 1
□	ELECTRICAL HANDHOLE TYPE 3
□	ELECTRICAL HANDHOLE TYPE 5
□	ELECTRICAL HANDHOLE TYPE 7
HH#	FOR SIGNAL HANDHOLES
HHF#	FOR FIBER HANDHOLES
---	ELECTRICAL LOOPS
●	WOOD POLE FOR TEMPORARY SIGNAL/LIGHTING
□	EXISTING ELECTRICAL HANDHOLE
□	EXISTING SIGNAL CONTROL BASE
○	EXISTING STREET LIGHT SL#
○	EXISTING SIGNAL BASE
---	EXISTING ELECTRICAL CONDUIT
□	CONTROL BASE (TYPE M OR P AS NOTED) CB#



MATCHLINE 2

MATCHLINE 2

MATCHLINE 3

MATCHLINE 3

0710-102-1503-8
FUTURE WISCONSIN TERRACE
APARTMENTS LLC
927 Vernon Ave

0710-102-1503-8
FUTURE WISCONSIN TERRACE
APARTMENTS LLC
927 Vernon Ave

0710-102-1505-4
ACEWOOD LLC
4522 Cottage Grove Rd

ENTS 1 LLC

233+00

234+00

235+00

236+00

237+00

238+00

HH14
Intercept 3" co

2-3" &
1-2"

HH13

2-3" &
1-2"

HH 53 to intercept
1-3" PVC

1-2"

SL7235A
Co

33+00

34+00

35+00

36+00

37+00

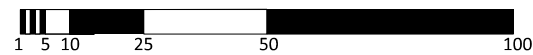
38+00

0710-103-0316-4
VALENTA, JOSEPH C
4421 Cottage Grove Rd

0710-103-0201-7
CORCORAN, JACOB
4501 Cottage Grove Rd

0710-103-0232-2
STARK REAL ESTATE CO. INC
4509 Cottage Grove Rd

0710-103-0231-4
R J ENTERPRISES
OF MADISON LLP
4515 Cottage Grove Rd



LEGEND

- INSTALL PVC
(2-3" & 1-2" UNLESS OTHERWISE NOTED)
- BASE (LB-8 OR TYPE 10 AS NOTED)
- ELECTRICAL HANDHOLE TYPE 1
- ELECTRICAL HANDHOLE TYPE 3
- ELECTRICAL HANDHOLE TYPE 5
- ELECTRICAL HANDHOLE TYPE 7
- HH# FOR SIGNAL HANDHOLES
- HHF# FOR FIBER HANDHOLES
- ELECTRICAL LOOPS
- WOOD POLE FOR TEMPORARY SIGNAL/LIGHTING
- EXISTING ELECTRICAL HANDHOLE
- ⊗ EXISTING SIGNAL CONTROL BASE
- EXISTING STREET LIGHT SL#
- EXISTING SIGNAL BASE
- EXISTING ELECTRICAL CONDUIT
- ⊗ CONTROL BASE (TYPE M OR P AS NOTED) CB#

PLOT SCALE:

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MATCHLINE 3
MATCHLINE 3

MATCHLINE 4
MATCHLINE 4

2-1505-4
WOOD LLC
Cottage Grove Rd

0710-102-13
ROLLING M
CENTER LLC
4620 Cottage

0710-102-1314-9
CG GROCERIES LLC
ATTN PAUL A LUCEY
4602 Cottage Grove Rd

0710-103-0230-6
RODEFELD, ROBERT & JANICE
4521 Cottage Grove Rd

0710-103-0101-9
FRANCOIS OIL COMPANY INC
% RICHARD FRANCOIS
4601 Cottage Grove Rd

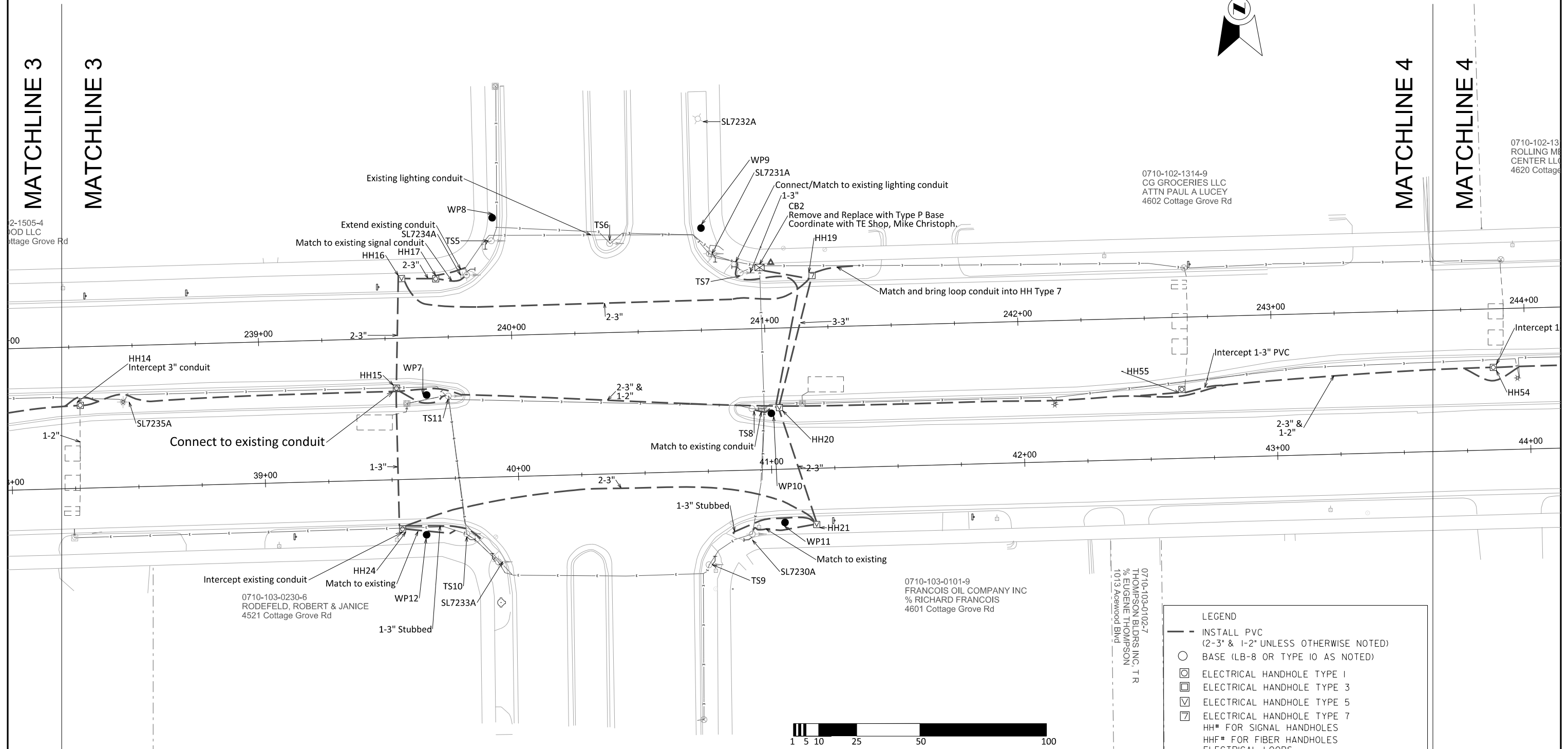
0710-103-0102-7
THOMPSON BLDGS INC, T R
% EUGENE THOMPSON
1013 Acewood Blvd

PLOT SCALE:

PLOT NAME:

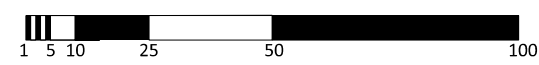
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LEGEND

- INSTALL PVC (2-3" & 1-2" UNLESS OTHERWISE NOTED)
- BASE (LB-8 OR TYPE 10 AS NOTED)
- ELECTRICAL HANDHOLE TYPE 1
- ELECTRICAL HANDHOLE TYPE 3
- ELECTRICAL HANDHOLE TYPE 5
- ELECTRICAL HANDHOLE TYPE 7
- HH# FOR SIGNAL HANDHOLES
- HHF# FOR FIBER HANDHOLES
- ELECTRICAL LOOPS
- WOOD POLE FOR TEMPORARY SIGNAL/LIGHTING
- EXISTING ELECTRICAL HANDHOLE
- EXISTING SIGNAL CONTROL BASE
- ☼ EXISTING STREET LIGHT SL#
- EXISTING SIGNAL BASE
- EXISTING ELECTRICAL CONDUIT
- CONTROL BASE (TYPE M OR P AS NOTED) CB#





MATCHLINE 4

MATCHLINE 4

MATCHLINE 5

MATCHLINE 5

0710-102-1315-7
ROLLING MEADOWS SHOPPING
CENTER LLC
4620 Cottage Grove Rd

0710-102-1315-7
ROLLING MEADOWS SHOPPING
CENTER LLC
4620 Cottage Grove Rd

0710-102-1316-5
CGR GROUP LLC
4706 Cottage Grove Rd

0710-102-1317-3
4762 COTTAGE GROVE ROAD
MADISON WI LLC
4762 Cottage Grove Rd

0710-103-0145-7
MADISON APARTMENTS 1 LLC
BLDG D
4725 Cottage Grove Rd

0710-103-0145-7
MADISON APARTMENTS 1 LLC
BLDG D
4725 Cottage Grove Rd

244+00

245+00

246+00

247+00

248+00

249+00

44+00

45+00

46+00

47+00

48+00

49+00

Intercept 1-3" PVC

HH54

HH25

Match and bring existing
SL circuit conduits to CB3

SL7227A

CB3
Install Type M Base

Connect and match to existing SL to CB3

SL7226M

LEGEND

- INSTALL PVC (2-3" & 1-2" UNLESS OTHERWISE NOTED)
- BASE (LB-8 OR TYPE 10 AS NOTED)
- ⊠ ELECTRICAL HANDHOLE TYPE 1
- ⊠ ELECTRICAL HANDHOLE TYPE 3
- ⊠ ELECTRICAL HANDHOLE TYPE 5
- ⊠ ELECTRICAL HANDHOLE TYPE 7
- HH# FOR SIGNAL HANDHOLES
- HHF# FOR FIBER HANDHOLES
- ELECTRICAL LOOPS
- WOOD POLE FOR TEMPORARY SIGNAL/LIGHTING
- ⊠ EXISTING ELECTRICAL HANDHOLE
- ⊠ EXISTING SIGNAL CONTROL BASE
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MATCHLINE 5
MATCHLINE 5

MATCHLINE 6
MATCHLINE 6

0710-102-1317-3
4762 COTTAGE GROVE ROAD
MADISON WI LLC
4762 Cottage Grove Rd

0710-102-0094-8
O'NEIL, TIMOTHY M
THERESA M ABEL
4802 Cottage Grove Rd

0710-102-0095-6
BINGNER, ANDREW S
4806 Cottage Grove Rd

0710-102-0096-4
PETERSON, RODNEY E
4902 Cottage Grove Rd

0710-103-0119-2
CITY OF MADISON ENGINEER
STORMWATER UTILITY 533
4828 Ferris Ave

0710-104-0071-2
YAHARA PROFESSIONAL ASSOC
% DONALD J LOOMIS
4801 Cottage Grove Rd

0710-104-0070-4
WHPC-MEADOW GROVE-MADISON
LLC
4815 Cottage Grove Rd

Install:
T10 Base

TS12

1-3"

HH27

2-3"

250+00

SL7225A

HH26

2-3"

50+00

HH28

1-3"

Install:
T10 Base

TS13

SL7223M

2-3" &
1-2"

52+00

HH56

53+00

HH29

255+00

254+00

253+00

252+00

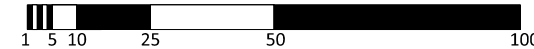
251+00

249+00

49+00

LEGEND

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- ELECTRICAL HANDHOLE TYPE 5
- ELECTRICAL HANDHOLE TYPE 7
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- HHF# FOR FIBER HANDHOLES
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- EXISTING ELECTRICAL HANDHOLE
- EXISTING SIGNAL CONTROL BASE
- ☆ EXISTING STREET LIGHT SL#
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- ☆ EXISTING STREET LIGHT SL#
- EXISTING SIGNAL BASE
- EXISTING ELECTRICAL CONDUIT
- CONTROL BASE (TYPE M OR P AS NOTED) CB#

MATCHLINE 6
MATCHLINE 6

MATCHLINE 7

MATCHLINE 7

0710-102-1405-6
ESTRADA, JOSE & JULIETA ESTRADA
938 Meadowlark Dr

0710-102-1406-4
TAYLOR, SAMANTHA P
THOMAS J TAYLOR
4922 Cottage Grove Rd

0710-102-0098-0
PETERSON, RODNEY E
4910 Cottage Grove Rd

0710-102-0097-2
COTTAGE QUARTER LLC
4906 Cottage Grove Rd

NEY E
e Rd

255+00

256+00

257+00

258+00

259+00

260+00

55+00

56+00

57+00

58+00

59+00

60+00

0070-4
EADOW GROVE-MADISON
age Grove Rd

0710-104-1505-8
WILDWOOD PROPERTIES ASSN
4901 Cottage Grove Rd



4" PVC PLASTIC CONDUIT MGE

HH29

SL7220A

HH30

2-3" & 1-2"

SL7218M

HH32

HH33

HH31

TS15

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- ⊡ ELECTRICAL HANDHOLE TYPE 3
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- ⊟ ELECTRICAL HANDHOLE TYPE 7
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- HHF# FOR FIBER HANDHOLES
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- WOOD POLE FOR TEMPORARY SIGNAL/LIGHTING
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- ⊡ EXISTING SIGNAL CONTROL BASE
- ⊞ EXISTING STREET LIGHT SL#
- EXISTING SIGNAL BASE
- EXISTING ELECTRICAL CONDUIT
- ⊠ CONTROL BASE (TYPE M OR P AS NOTED) CB#

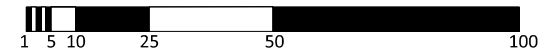
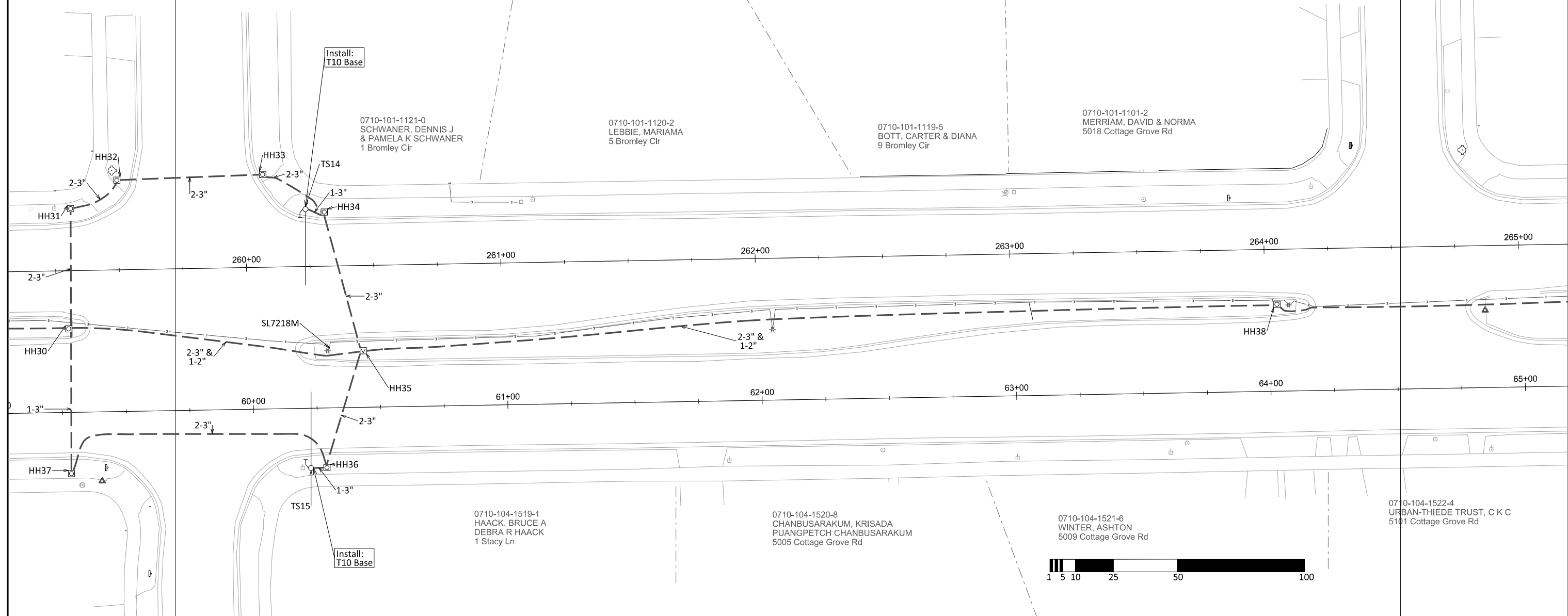
MATCHLINE 7

MATCHLINE 7

MATCHLINE 8

MATCHLINE 8

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





- LEGEND
- INSTALL PVC (2-3" & 1-2" UNLESS OTHERWISE NOTED)
 - BASE (LB-8 OR TYPE 10 AS NOTED)
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 - HHF# FOR FIBER HANDHOLES
 - ELECTRICAL LOOPS
 - WOOD POLE FOR TEMPORARY SIGNAL/LIGHTING
 - ◻ EXISTING ELECTRICAL HANDHOLE
 - ⊠ EXISTING SIGNAL CONTROL BASE
 - ⊙ EXISTING STREET LIGHT SL#
 - EXISTING SIGNAL BASE
 - EXISTING ELECTRICAL CONDUIT
 - ⊠ CONTROL BASE (TYPE M OR P AS NOTED) CB#

MATCHLINE 8

MATCHLINE 8

MATCHLINE 9

MATCHLINE 9

0710-101-1210-1
MESSIAH EVANG. LUTHERAN CHURCH
5202 Cottage Grove Rd

0710-101-0901-7
CITY OF MADISON ENGINEER
STORMWATER UTILITY 533
5349 Queensbridge Rd

265+00

266+00

267+00

268+00

269+00

270+00

65+00

66+00

67+00

68+00

69+00

70+00

2-3" &
1-2"

HH39

0710-104-1522-4
URBAN-THIEDE TRUST, C K C
5101 Cottage Grove Rd

0710-104-1523-2
RIECK, TERRENCE A
& KATHLEEN R RIECK
5105 Cottage Grove Rd

0710-104-1524-0
LAMPE, JASON J
& LALENA F LAMPE
5109 Cottage Grove Rd

0710-104-0530-8
CITY OF MADISON ENGINEER
STORMWATER UTILITY 533
1101 Meadowlark Dr



PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.



- LEGEND
- INSTALL PVC (2-3" & 1-2" UNLESS OTHERWISE NOTED)
 - BASE (LB-8 OR TYPE 10 AS NOTED)
 - ⊠ ELECTRICAL HANDHOLE TYPE 1
 - ⊡ ELECTRICAL HANDHOLE TYPE 3
 - ⊣ ELECTRICAL HANDHOLE TYPE 5
 - ⊤ ELECTRICAL HANDHOLE TYPE 7
 - HH* FOR SIGNAL HANDHOLES
 - HHF* FOR FIBER HANDHOLES
 - ELECTRICAL LOOPS
 - WOOD POLE FOR TEMPORARY SIGNAL/LIGHTING
 - ⊠ EXISTING ELECTRICAL HANDHOLE
 - ⊡ EXISTING SIGNAL CONTROL BASE
 - ⊣ EXISTING STREET LIGHT SL*
 - EXISTING SIGNAL BASE
 - EXISTING ELECTRICAL CONDUIT
 - ⊠ CONTROL BASE (TYPE M OR P AS NOTED) CB*

MATCHLINE 9

MATCHLINE 9

MATCHLINE 10

MATCHLINE 10

0710-101-0901-7
CITY OF MADISON ENGINEER
STORMWATER UTILITY 533
5349 Queensbridge Rd

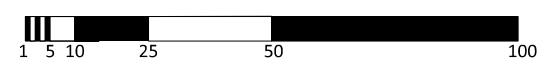
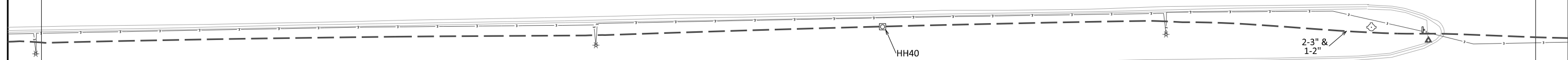
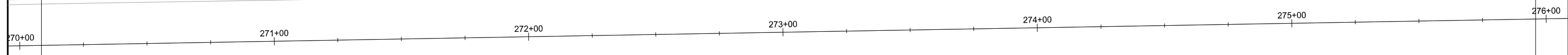
0710-101-2001-3
5210 COTTAGE GROVE RD LLC
5210 Cottage Grove Rd

0710-101-2002-1
TAYLOR, CHARLES A
& CAMILLA C RUCINSKI
5214 Cottage Grove Rd

0710-101-2003-9
BYERS, KERRY D
5218 Cottage Grove Rd

0710-101-2004-7
SCHEIDING, WILLIAM W
& KAREN E SCHEIDING
5222 Cottage Grove Rd

0710-101-2005-5
GLYNN, EDWARD M
5302 Cottage Grove Rd



0710-104-0207-3
GILLITZER, JAMES & JOAN
1018 Painted Post Dr

0710-104-0208-1
RINGQUIST, WAYNE R
& MARGARET L RINGQUIST
1014 Painted Post Dr

0710-104-0209-9
KELLY, WILLIAM W
& KANDICE A KELLY
1010 Painted Post Dr

0710-104-0210-6
LEE, RONALD J
1006 Painted Post Dr

0710-104-0211-4
GREEN, TIFFANY D
1002 Ellen Ave

PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.



- LEGEND
- INSTALL PVC (2-3" & 1-2" UNLESS OTHERWISE NOTED)
 - BASE (LB-8 OR TYPE 10 AS NOTED)
 - ELECTRICAL HANDHOLE TYPE 1
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 - ELECTRICAL HANDHOLE TYPE 5
 - ELECTRICAL HANDHOLE TYPE 7
 - HH* FOR SIGNAL HANDHOLES
 - HHF# FOR FIBER HANDHOLES
 - ELECTRICAL LOOPS
 - WOOD POLE FOR TEMPORARY SIGNAL/LIGHTING
 - EXISTING ELECTRICAL HANDHOLE
 - EXISTING SIGNAL CONTROL BASE
 - ☆ EXISTING STREET LIGHT SL#
 - EXISTING SIGNAL BASE
 - EXISTING ELECTRICAL CONDUIT
 - CONTROL BASE (TYPE M OR P AS NOTED) CB#

MATCHLINE 10
MATCHLINE 10

MATCHLINE 11
MATCHLINE 11

0710-101-2006-3
ZIKA, JOHN L
5306 Cottage Grove Rd

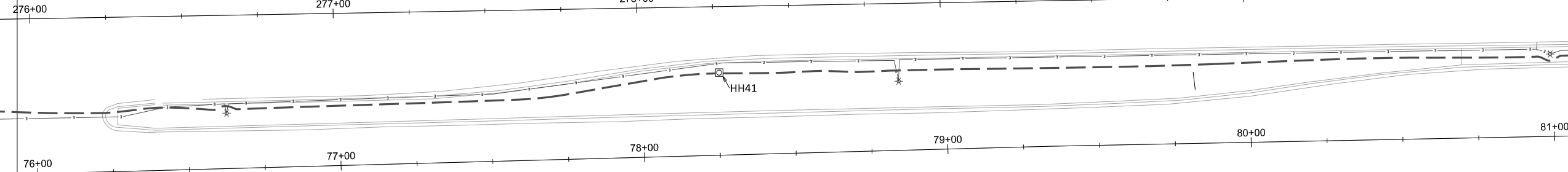
0710-101-2007-1
CLUTE, HAROLD & NAN
5310 Cottage Grove Rd

0710-101-2008-9
JOHNSON, PATRICIA M
5314 Cottage Grove Rd

0710-101-2009-7
BUSALACCHI, ROSARIO F
5402 Cottage Grove Rd

0710-101-2010-4
VERHAGE, NATHANIEL
& PATRICIA VERHAGE
5406 Cottage Grove Rd

0710-101-2011-2
GULRUD, CURTIS M
EVELYN M GULRUD
30 Eldon Ct



0710-104-0101-7
MOE, LARRY E
1001 Ellen Ave

0710-104-0102-5
GUGEL, THOMAS & KATHLEEN
1005 Bay Ridge Rd

0710-104-0103-3
PAULS, DALE L
1009 Bay Ridge Rd

0710-104-0104-1
BEAHM, JEREMY
NAOMI BEAHM
1011 Bay Ridge Rd

0710-104-0105-9
BILLINGS, LOUISE H
1017 Bay Ridge Rd

0710-104-0079-6
QUANDT, DONALD F
& GERALYN M STRA
1002 S Thompson Dr



PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.



LEGEND

- INSTALL PVC (2-3" & 1-2" UNLESS OTHERWISE NOTED)
- BASE (LB-8 OR TYPE 10 AS NOTED)
- ELECTRICAL HANDHOLE TYPE 1
- ▣ ELECTRICAL HANDHOLE TYPE 3
- ▤ ELECTRICAL HANDHOLE TYPE 5
- ▥ ELECTRICAL HANDHOLE TYPE 7
- HH# FOR SIGNAL HANDHOLES
- HHF# FOR FIBER HANDHOLES
- ELECTRICAL LOOPS
- WOOD POLE FOR TEMPORARY SIGNAL/LIGHTING
- ◻ EXISTING ELECTRICAL HANDHOLE
- ◻ EXISTING SIGNAL CONTROL BASE
- ⊙ EXISTING STREET LIGHT SL#
- ⊙ EXISTING SIGNAL BASE
- EXISTING ELECTRICAL CONDUIT
- ◻ CONTROL BASE (TYPE M OR P AS NOTED) CB#

0710-101-2018-8
ZIPPERER, DAVID S
& PAULA J ZIPPERER
2 Eldon Ct

0710-112-0099-7
CITY OF MADISON POLICE
EAST DISTRICT STATION
809 S Thompson Dr

0710-104-0079-6
QUANDT, DONALD R
& GERALYN M STRAND
1002 S Thompson Dr

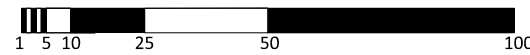
Match and connect to existing
HH47 Intercept existing conduit
Coordinate with TE Shop, Mike Christoph.

CB4
Install Type M base

0710-113-0701-6
EULAINÉ B SCHACK CDM UNIT
OWNERS ASSC c/o P NJOKANMA
1001 S Thompson Dr

0710-113-0703-2
SALERNO, JERRY & ANITA
106 Emma Ct

0710-11-0704-0
SCHROECKENTHALE
& JILL SCHROECKEN
110 Emma Ct



MATCHLINE 11
MATCHLINE 11

MATCHLINE 12
MATCHLINE 12

PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.

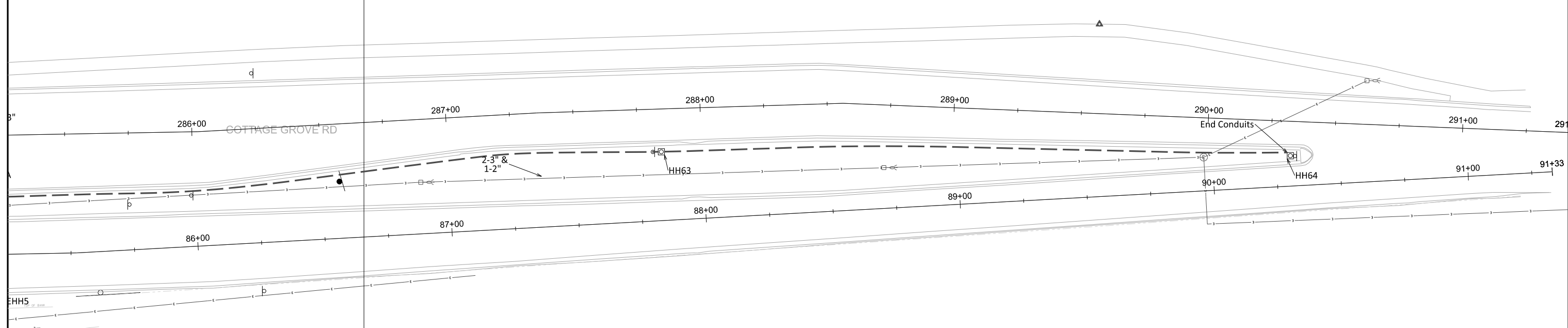


- LEGEND
- INSTALL PVC (2-3" & 1-2" UNLESS OTHERWISE NOTED)
 - BASE (LB-8 OR TYPE 10 AS NOTED)
 - ⊠ ELECTRICAL HANDHOLE TYPE 1
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 - ⊣ ELECTRICAL HANDHOLE TYPE 5
 - ⊥ ELECTRICAL HANDHOLE TYPE 7
 - HH* FOR SIGNAL HANDHOLES
 - HHF# FOR FIBER HANDHOLES
 - ELECTRICAL LOOPS
 - WOOD POLE FOR TEMPORARY SIGNAL/LIGHTING
 - ⊠ EXISTING ELECTRICAL HANDHOLE
 - ⊡ EXISTING SIGNAL CONTROL BASE
 - ⊣ EXISTING STREET LIGHT SL#
 - EXISTING SIGNAL BASE
 - EXISTING ELECTRICAL CONDUIT
 - ⊠ CONTROL BASE (TYPE M OR P AS NOTED) CB#

MATCHLINE 12

MATCHLINE 12

0710-112-0099-7
CITY OF MADISON POLICE
EAST DISTRICT STATION
809 S Thompson Dr



0710-113-0701-6
EULAIN B SCHACK CDM UNIT
OWNERS ASSC c/o P NJOKANMA
1001 S Thompson Dr

0710-113-0703-2
SALERNO, JERRY & ANITA
106 Emma Ct

0710-11-0704-0
SCHROECKENTHALER, THOMAS
& JILL SCHROECKENTHALER
110 Emma Ct

0710-113-0705-8
SCHROECKENTHALER, THOMAS
& JILL SCHROECKENTHALER
114 Emma Ct

0710-113-0706-6
SCHROECKENTHALER, THOMAS
& JILL SCHROECKENTHALER
118 Emma Ct

0710-113-0706-6
SCHROECKENTHALER, THOMAS
& JILL SCHROECKENTHALER
118 Emma Ct



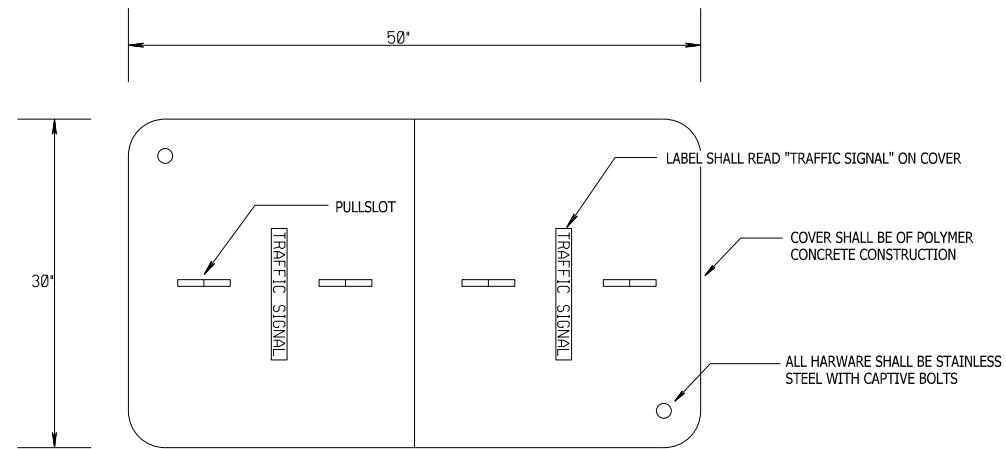
PLOT SCALE:

PLOT NAME:

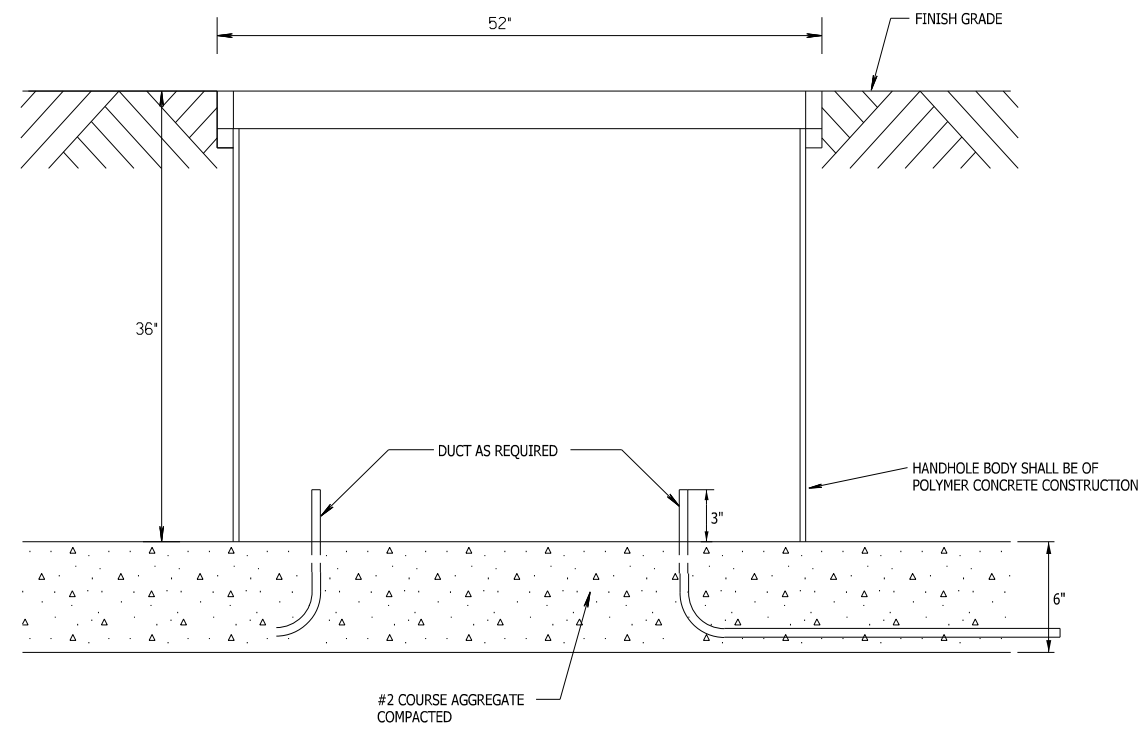
REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.

STRUCTURE	60422 REMOVE CABINET BASE EACH		60/02 TYPE 1 EACH		60/04 CONSTRUCT ELECTRICAL HANDHOLES TYPE 3 EACH		60706 CONSTRUCT ELECTRICAL HANDHOLES TYPE 5 EACH		90022 TYPE 7 EACH		60407 CONSTRUCT LB-8 BASE EACH		SPV 90204 CONSTRUCT TYPE 10 BASE EACH		60412 CONSTRUCT TYPE M BASE EACH		60413 CONSTRUCT TYPE P BASE EACH		
HH 1	1																		
HH 2	1																		
HH 3									1										
HH 4									1										
HH 5	1																		
HH 6			1																
HH 7	1																		
HH 8								1											
HH 9								1											
HH 10	1																		
HH 11	1																		
HH 12	1																		
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HH 14	1																		
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HH 54	1																		
HH 55	1																		
HH 56	1																		
HH 63	1																		
HH 64	1																		
CB1	1																		1
CB2	1																		1
CB3																			
CB4																			
IS12																			1
IS13																			1
IS14																			1
IS15																			1
IS16																			1
IS17																			1
TOTALS	2		39	1	9	4	2	4	2	4	2	2	4	2	2				



•15,000 LBS MAXIMUM LOAD OVER A 10"X10"
TEST AREA RATING FOR COVER AND BOX



TYPE 7 HANDHOLE DETAIL

PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

BASES SHALL BE EXCAVATED BY USE OF A CIRCULAR AUGER.

TOP SURFACES OF CONCRETE BASES SHALL BE TROWEL FINISHED AND LEVEL.

CONDUIT SIZES AND LOCATIONS SHALL BE AS SHOWN ON THE PLANS.

THE FINAL OR TERMINATING CONCRETE BASE IN A CONDUIT RUN SHALL HAVE A 6" EXIT STUB INSTALLED FOR FUTURE CABLING USE. THE EXIT STUB SHALL BE SIZED AS USED THROUGHOUT THE CONDUIT RUN AS SHOWN AT THE ENTRANCE OF THE BASE.

MINIMUM BENDING RADIUS OF CONDUIT IS EQUAL TO 6 X THE DIAMETER.

CONDUIT HEIGHT ABOVE CONCRETE BASES SHALL BE 4 INCHES. ALL METALLIC CONDUIT ENDS SHALL BE REAMED AND THREADED. NONMETALLIC CONDUIT SHALL HAVE BELL END INSTALLED. ALL CONDUIT SHALL BE SLOPED TO PULL BOX.

ALL CONDUIT ENDS AT THE TOP OF CONCRETE BASES SHALL BE CAPPED IF METALLIC OR PLUGGED IF NONMETALLIC IMMEDIATELY AFTER PLACEMENT AND BEFORE CONCRETE IS POURED. CONDUIT IN WHICH WIRE OR CABLE IS NOT INSTALLED SHALL REMAIN CAPPED OR PLUGGED.

BELL ENDS SHALL BE INSTALLED ON ALL PVC CONDUIT EXPOSED AT THE TOP OF CONCRETE BASES BEFORE INSTALLATION OF CABLE OR WIRE.

ENDS OF CONDUIT INSTALLED BELOW GRADE FOR FUTURE USE SHALL BE CAPPED IF METALLIC OR PLUGGED IF NONMETALLIC.

WHEN REQUIRED TO CONNECT NONMETALLIC CONDUIT TO METALLIC CONDUIT, ONLY ADAPTER FITTINGS, U.L. LISTED FOR ELECTRICAL USE, SHALL BE USED.

IF A BASE REQUIRES A DEEP FORM BECAUSE OF LOOSE DIRT OR FILL, THE FORM SHALL BE REMOVED BEFORE BACKFILLING AROUND THE BASE. BACKFILL SHALL BE TAMPED TIGHT AGAINST THE BARE CONCRETE BASE IN LAYERS OF 1 FOOT OR LESS.

A NO. 4 AWG, STRANDED COPPER EQUIPMENT GROUNDING CONDUCTOR SHALL BE EXOTHERMICALLY WELDED TO THE EQUIPMENT GROUNDING ELECTRODE (GROUND ROD).

THE EQUIPMENT GROUNDING CONDUCTOR SHALL ENTER THE BASE THROUGH A 1 INCH CONDUIT INSTALLED FOR GROUNDING PURPOSES, LEAVING A 4 FOOT COIL OF WIRE ABOVE THE CONCRETE BASE. THE EQUIPMENT GROUNDING CONDUCTOR SHALL BE NEATLY COILED AND THE COILS TIED TOGETHER.

WELDING OF THE ANCHOR RODS TO THE CAGE IS UNACCEPTABLE. TEMPLATES SHALL BE USED.

BAR STEEL REINFORCEMENT SHALL BE COATED WITH POWDERED EPOXY RESIN IN ACCORDANCE WITH SECTION 505 OF THE STANDARD SPECIFICATIONS (LATEST EDITION).

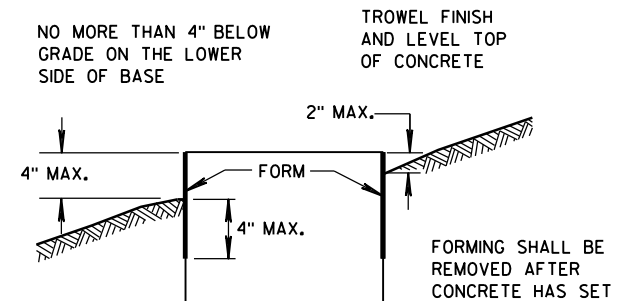
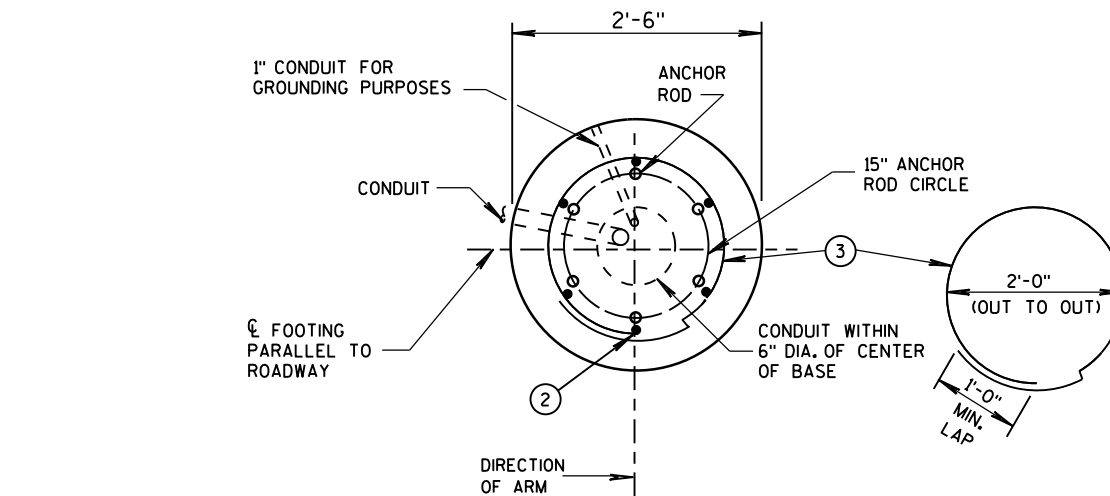
ANCHOR RODS SHALL BE INSTALLED WITH MISALIGNMENTS OF LESS THAN 1:40 FROM VERTICAL.

① THE MINIMUM DEPTH OF CONDUIT EXITING THE CONCRETE BASE AND INSTALLED BELOW THE TRAVELED WAY SHALL BE 24 INCHES. THE MINIMUM DEPTH OF CONDUIT EXITING THE CONCRETE BASE THAT IS NOT INSTALLED BELOW THE TRAVELED WAY SHALL BE 18 INCHES. THE MAXIMUM DEPTH OF ALL CONDUIT SHALL BE 36 INCHES, (GREATER THAN 36 INCHES IF INSTALLED IN BREAKER-RUN), EXCEPT WITH WRITTEN APPROVAL BY THE ENGINEER.

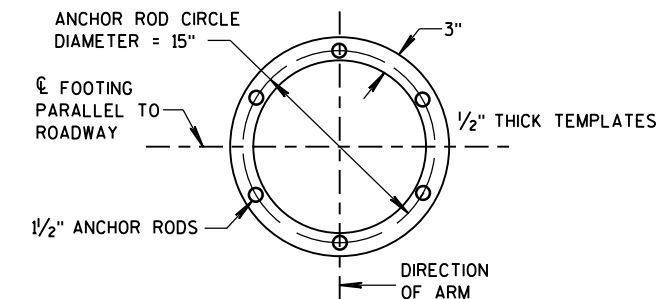
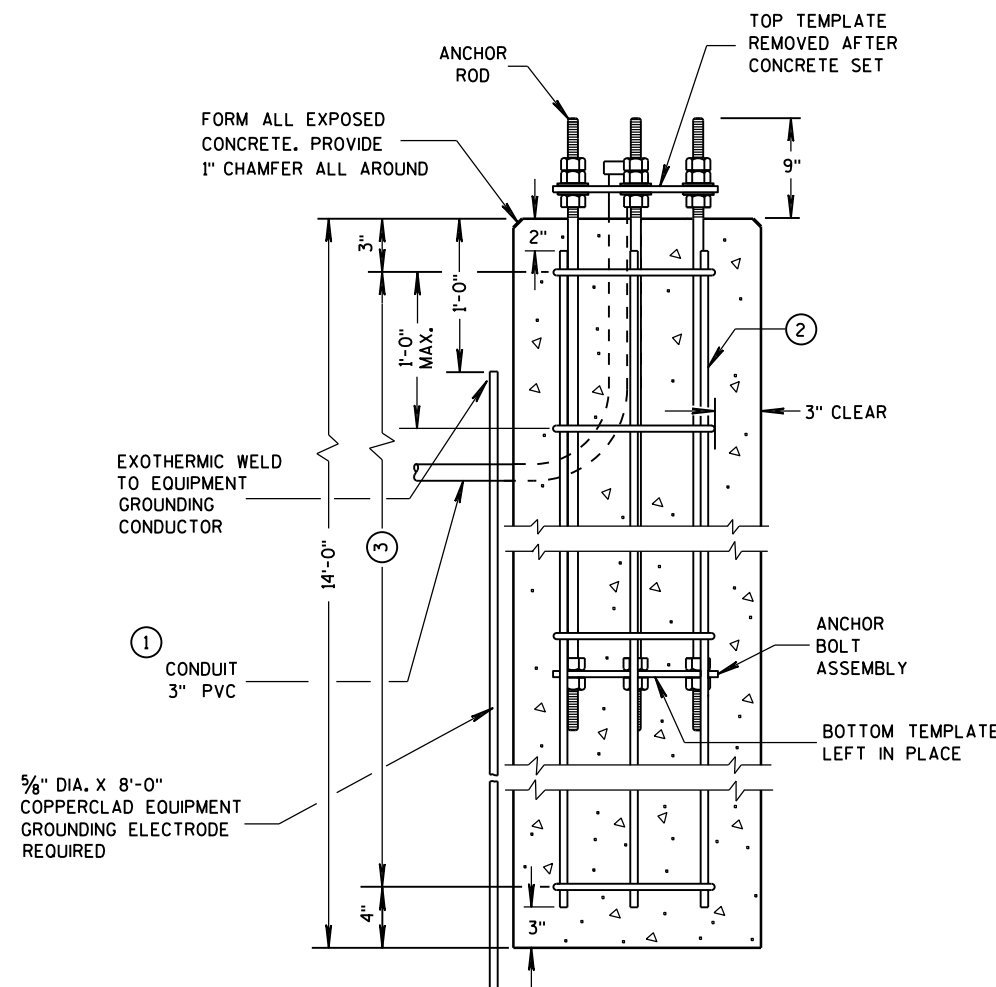
② (6) NO. 6 X 13'-7" BAR STEEL REINFORCEMENT.

③ (15) NO. 4 X 7'-4" BAR STEEL REINFORCEMENT @ 1'-0" MAX. C-C.

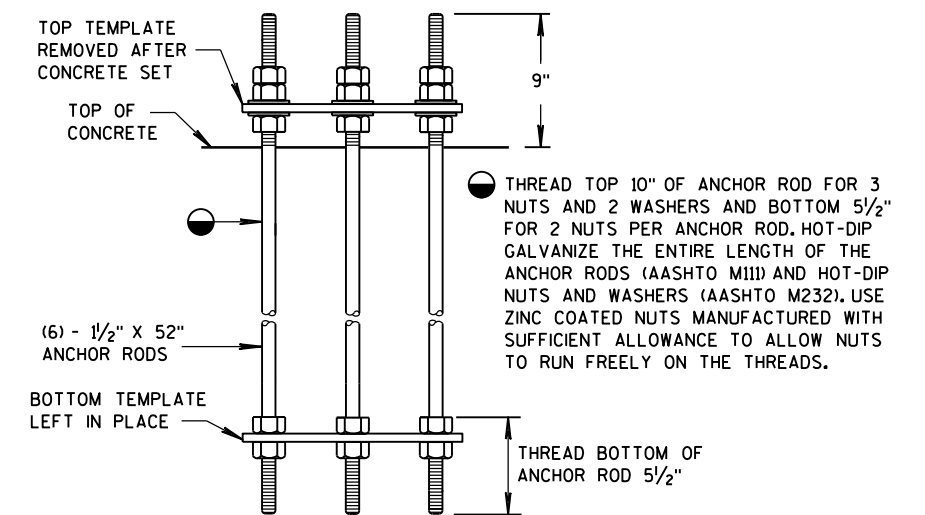
CONCRETE MASONRY ----- $f_c=3,500$ p.s.i.
 HIGH STRENGTH BAR STEEL REINFORCEMENT, GRADE 60 ----- $f_y=60,000$ p.s.i.
 ANCHOR RODS, AASHTO M314 GRADE 55 ----- $f_y=55,000$ p.s.i.
 TEMPLATES, ASTM, A709 GRADE 36 ----- $f_y=36,000$ p.s.i.



FORMING DETAIL



TOP AND BOTTOM TEMPLATES



ANCHOR BOLT ASSEMBLY DETAIL

CONCRETE BASE TYPE 10 ANCHOR ASSEMBLY

CONCRETE BASE TYPE 10 (FOR TYPE 9 & 10 POLES)

TO BE USED WHEN GROUND ELEVATION AT BASE EQUALS OR IS GREATER THAN HIGH POINT OF ROADWAY ELEVATION. SEE S.D.D. 9C13-2 WHEN GROUND ELEVATION AT BASE IS LOWER THAN HIGH POINT OF ROADWAY ELEVATION.

QUANTITY REQUIREMENTS	
APPROX. CUBIC YARDS OF CONCRETE	2.5
LBS. OF HOOP BAR STEEL	69
LBS. OF VERTICAL BAR STEEL	122

CONCRETE BASE TYPE 10	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVED DATE	/S/ Ahmet Demirbilek STATE ELECTRICAL ENGINEER
FHWA	

6

6

EROSION CONTROL NOTES:

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

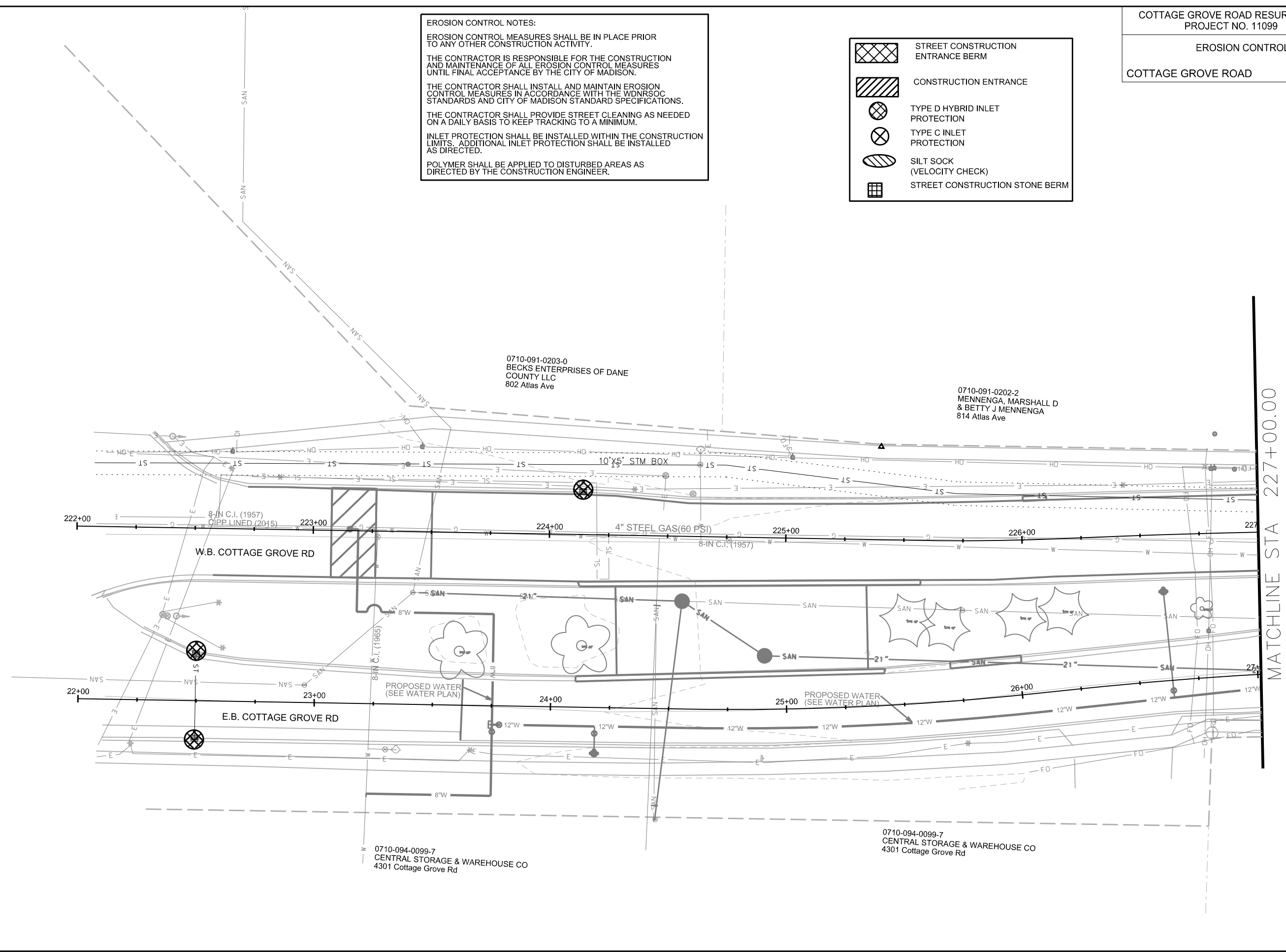
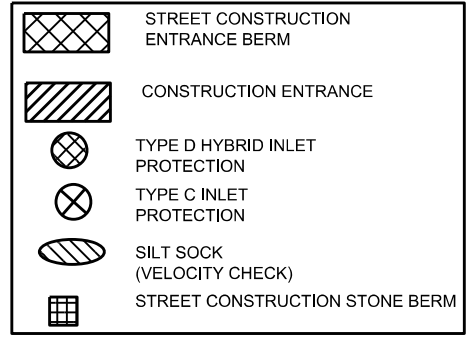
THE CONTRACTOR IS RESPONSIBLE FOR THE CONSTRUCTION AND MAINTENANCE OF ALL EROSION CONTROL MEASURES UNTIL FINAL ACCEPTANCE BY THE CITY OF MADISON.

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

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

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

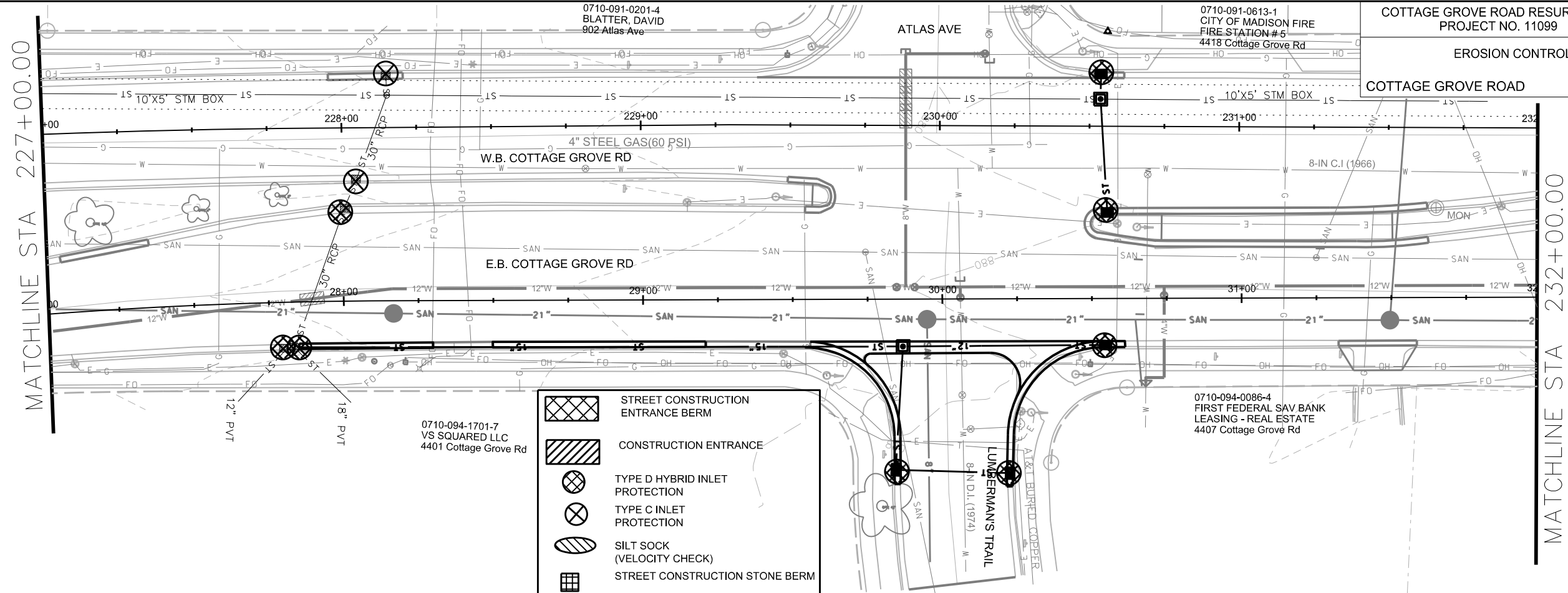
POLYMER SHALL BE APPLIED TO DISTURBED AREAS AS DIRECTED BY THE CONSTRUCTION ENGINEER.



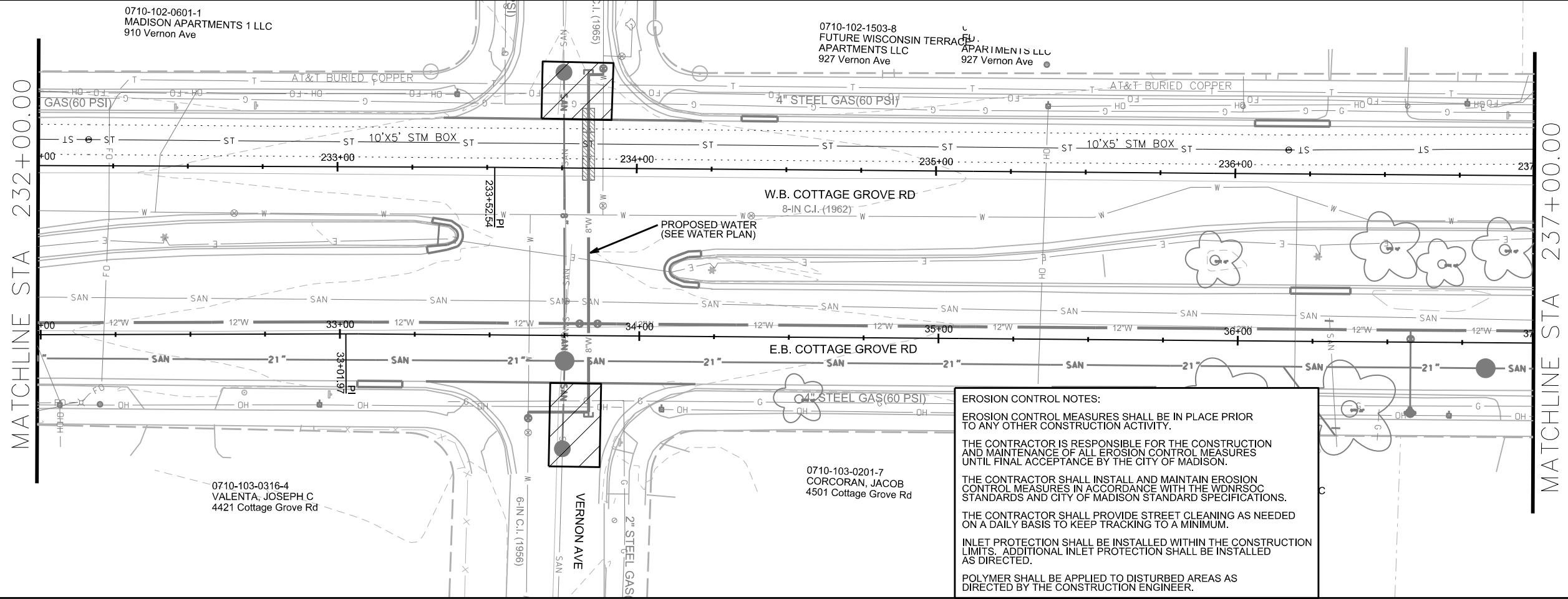
MATCHLINE STA 227+00.00

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

EROSION CONTROL PLAN
COTTAGE GROVE ROAD
CITY OF MADISON



	STREET CONSTRUCTION ENTRANCE BERM
	CONSTRUCTION ENTRANCE
	TYPE D HYBRID INLET PROTECTION
	TYPE C INLET PROTECTION
	SILT SOCK (VELOCITY CHECK)
	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 WDNR SOC STANDARDS AND CITY OF MADISON STANDARD SPECIFICATIONS.

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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

MATCHLINE STA 237+00.00

MATCHLINE STA 242+00.00

MATCHLINE STA 242+00.00

MATCHLINE STA 247+00.00

EROSION CONTROL NOTES:

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







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

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

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

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

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

-  STREET CONSTRUCTION ENTRANCE BERM
-  CONSTRUCTION ENTRANCE
-  TYPE D HYBRID INLET PROTECTION
-  TYPE C INLET PROTECTION
-  SILT SOCK (VELOCITY CHECK)
-  STREET CONSTRUCTION STONE BERM

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

MATCHLINE STA 247+00.00

MATCHLINE STA 252+00.00







MATCHLINE STA 252+00.00

MATCHLINE STA 257+00.00

0710-102-1316-5
CGR GROUP LLC
4706 Cottage Grove Rd

0710-102-1317-3
4762 COTTAGE GROVE ROAD
MADISON WI LLC
4762 Cottage Grove Rd

0710-102-0094-8
O'NEIL, TIMOTHY M
THERESA M ABEL
4802 Cottage Grove Rd

-  STREET CONSTRUCTION ENTRANCE BERM
-  CONSTRUCTION ENTRANCE
-  TYPE D HYBRID INLET PROTECTION
-  TYPE C INLET PROTECTION
-  SILT SOCK (VELOCITY CHECK)
-  STREET CONSTRUCTION STONE BERM

EROSION CONTROL NOTES:

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0710-103-0119-2
CITY OF MADISON ENGINEER
STORMWATER UTILITY 533
4828 Ferris Ave

0710-104-0071-2
YAHARA PROFESSIONAL ASSOC
% DONALD J LOOMIS
4801 Cottage Grove Rd

0710-102-0095-6
BINGNER, ANDREW S
4806 Cottage Grove Rd

0710-102-0097-2
COTTAGE QUARTER LLC
4906 Cottage Grove Rd

0710-102-0098-0
PETERSON, RODNEY E
4910 Cottage Grove Rd

0710-104-0071-2
YAHARA PROFESSIONAL ASSOC
% DONALD J LOOMIS
4801 Cottage Grove Rd

0710-104-0070-4
WHPC-MEADOW GROVE-MADISON
LLC
4815 Cottage Grove Rd

0710-104-1505-8
WILDWOOD PROPERTIES ASSN
4901 Cottage Grove Rd

PLOT SCALE:

PLOT NAME:

REV. DATE:

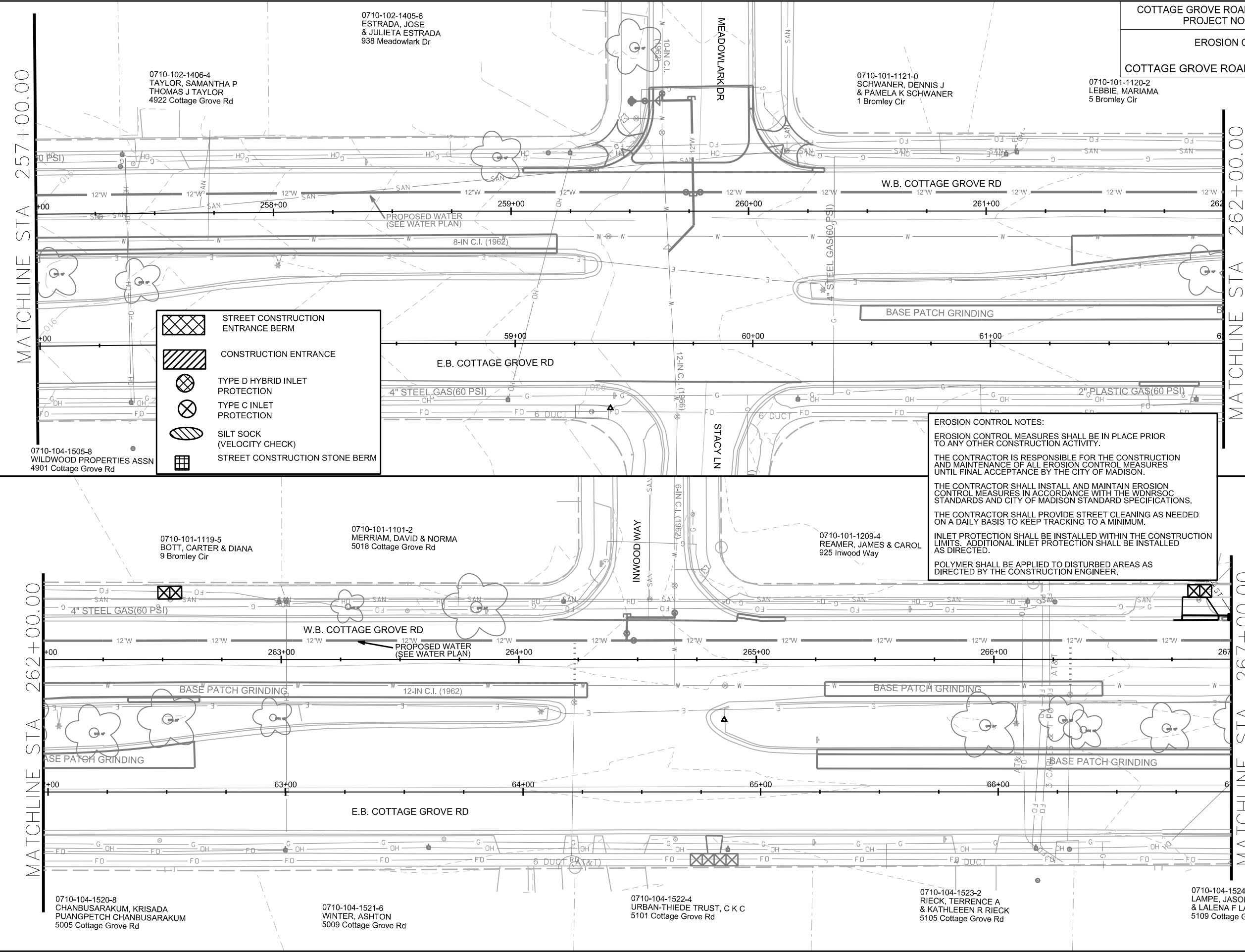
ORIGINATOR: CITY OF MADISON, STREET'S DIVISION

MATCHLINE STA 257+00.00

MATCHLINE STA 262+00.00

MATCHLINE STA 262+00.00

MATCHLINE STA 267+00.00



	STREET CONSTRUCTION ENTRANCE BERM
	CONSTRUCTION ENTRANCE
	TYPE D HYBRID INLET PROTECTION
	TYPE C INLET PROTECTION
	SILT SOCK (VELOCITY CHECK)
	STREET CONSTRUCTION STONE BERM

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0710-102-1406-4
TAYLOR, SAMANTHA P
THOMAS J TAYLOR
4922 Cottage Grove Rd

0710-102-1405-6
ESTRADA, JOSE
& JULIETA ESTRADA
938 Meadowlark Dr

0710-101-1121-0
SCHWANER, DENNIS J
& PAMELA K SCHWANER
1 Bromley Cir

0710-101-1120-2
LEBBIE, MARIAMA
5 Bromley Cir

0710-104-1505-8
WILDWOOD PROPERTIES ASSN
4901 Cottage Grove Rd

0710-101-1119-5
BOTT, CARTER & DIANA
9 Bromley Cir

0710-101-1101-2
MERRIAM, DAVID & NORMA
5018 Cottage Grove Rd

0710-101-1209-4
REAMER, JAMES & CAROL
925 Inwood Way

0710-104-1520-8
CHANBUSARAKUM, KRISADA
PUANGPETCH CHANBUSARAKUM
5005 Cottage Grove Rd







0710-104-1521-6
WINTER, ASHTON
5009 Cottage Grove Rd

0710-104-1522-4
URBAN-THIEDE TRUST, C K C
5101 Cottage Grove Rd

0710-104-1523-2
RIECK, TERENCE A
& KATHLEEN R RIECK
5105 Cottage Grove Rd

0710-104-1524-0
LAMPE, JASON J
& LALENA F LAMPE
5109 Cottage Grove Rd

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

	STREET CONSTRUCTION ENTRANCE BERM
	CONSTRUCTION ENTRANCE
	TYPE D HYBRID INLET PROTECTION
	TYPE C INLET PROTECTION
	SILT SOCK (VELOCITY CHECK)
	STREET CONSTRUCTION STONE BERM

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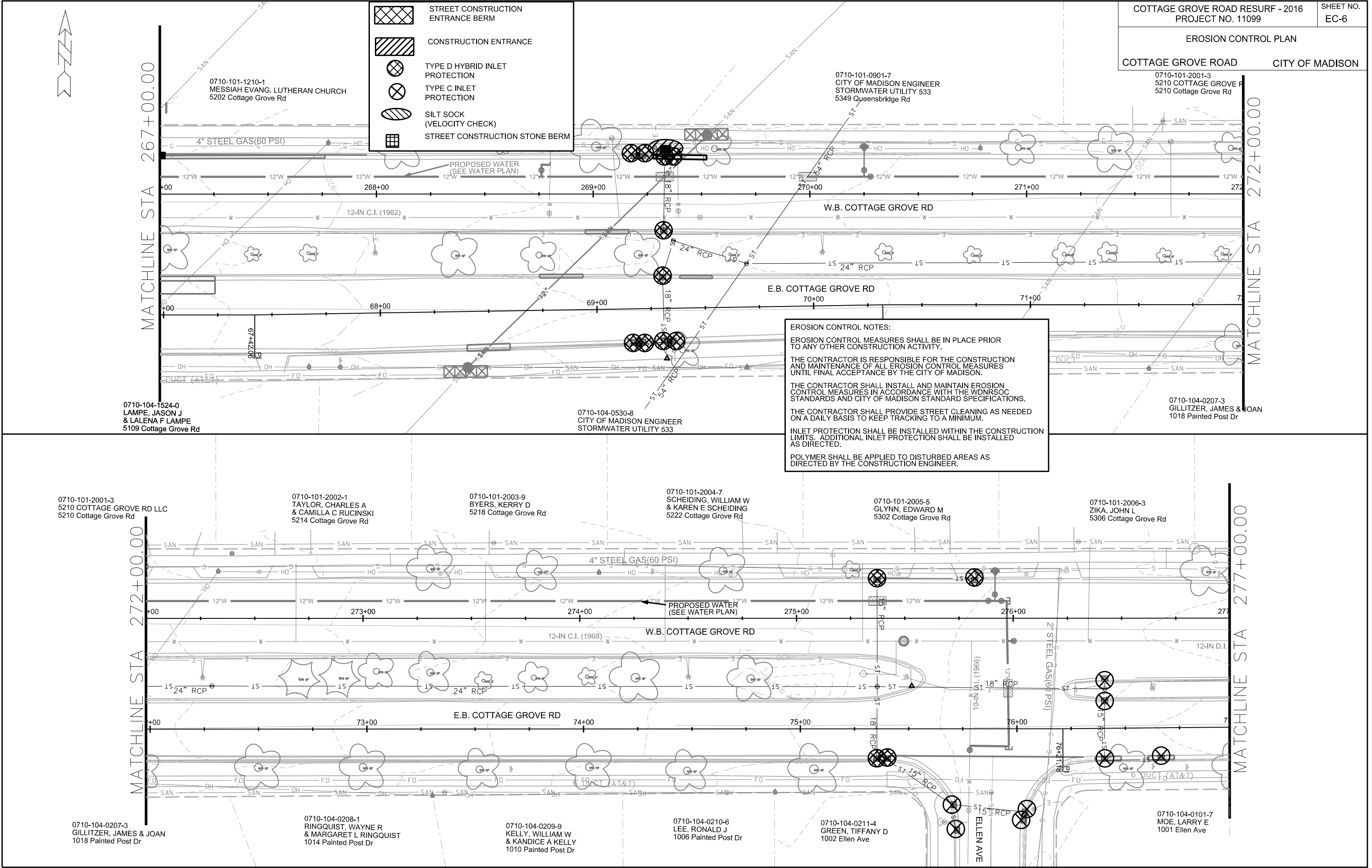
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PLOT NAME:

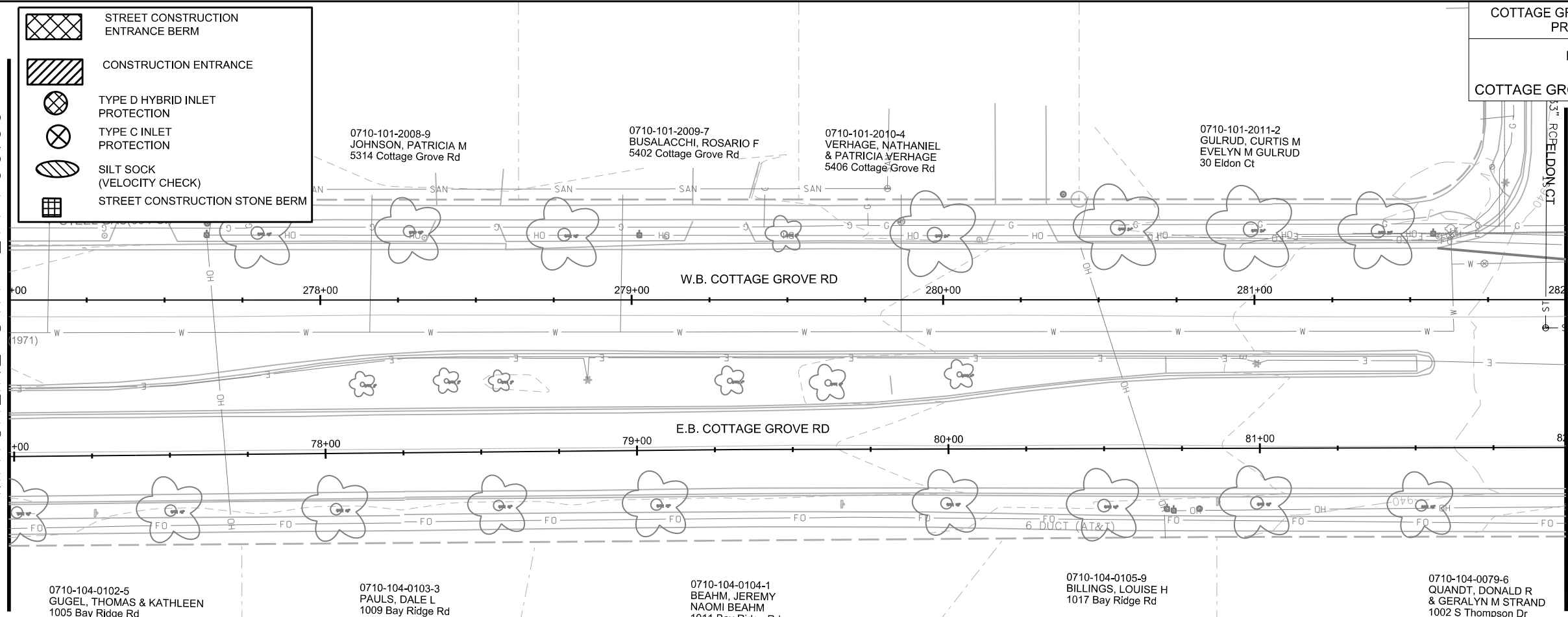
REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

	STREET CONSTRUCTION ENTRANCE BERM
	CONSTRUCTION ENTRANCE
	TYPE D HYBRID INLET PROTECTION
	TYPE C INLET PROTECTION
	SILT SOCK (VELOCITY CHECK)
	STREET CONSTRUCTION STONE BERM

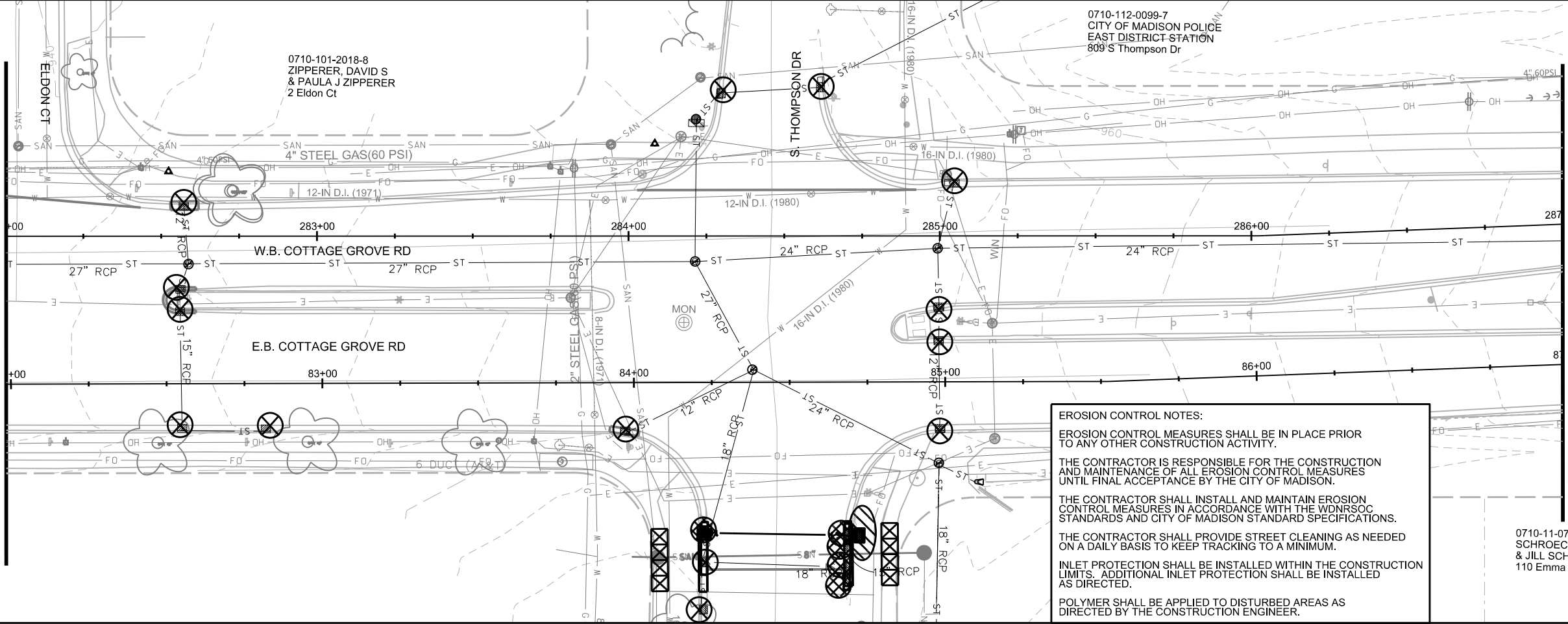
MATCHLINE STA 277+00.00

MATCHLINE STA 282+00.00



MATCHLINE STA 282+00.00

MATCHLINE STA 287+00.00



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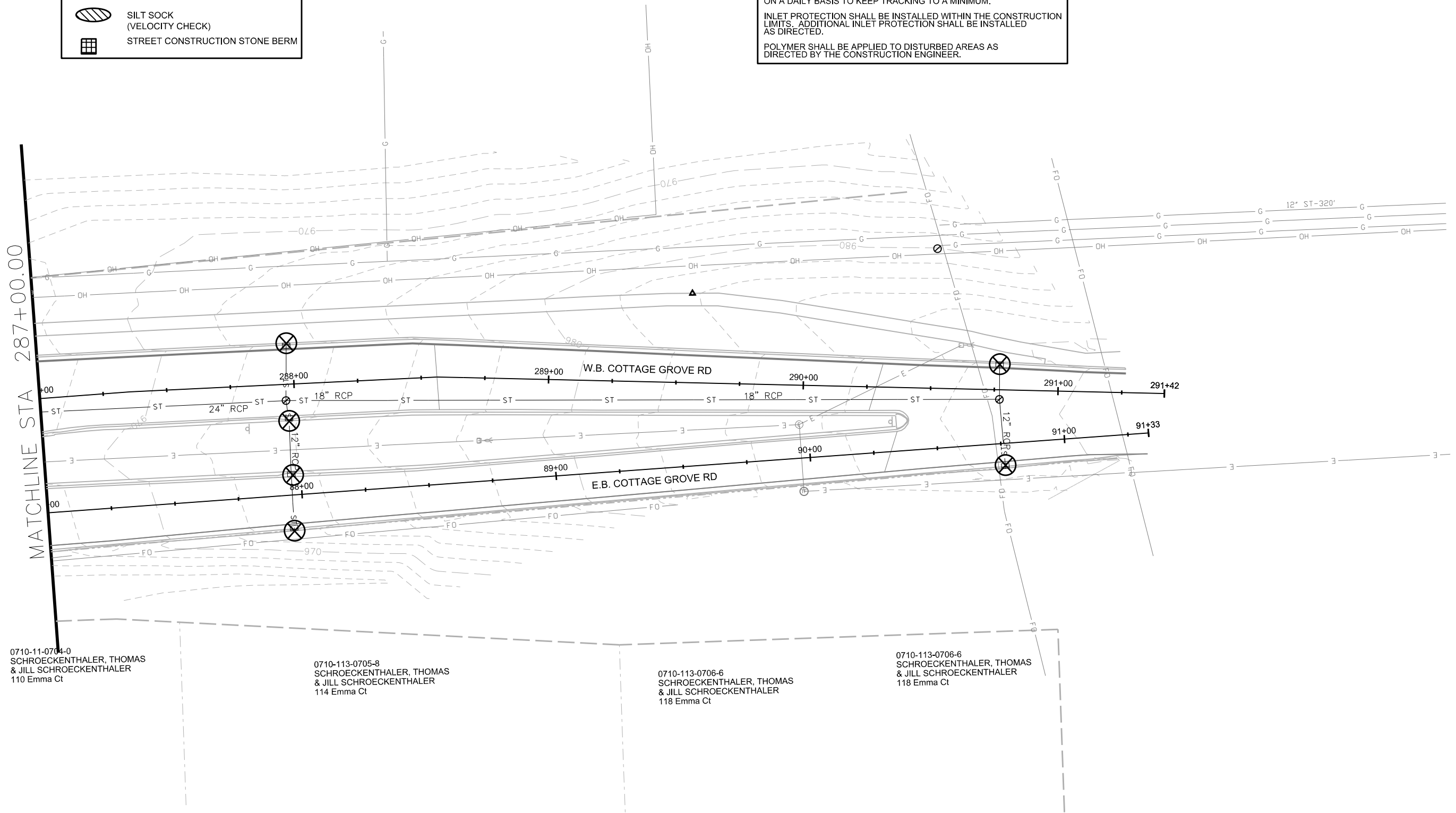
PLOT SCALE:
PLOT NAME:
REV. DATE:
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

EROSION CONTROL PLAN

COTTAGE GROVE ROAD CITY OF MADISON

-  STREET CONSTRUCTION ENTRANCE BERM
-  CONSTRUCTION ENTRANCE
-  TYPE D HYBRID INLET PROTECTION
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-  SILT SOCK (VELOCITY CHECK)
-  STREET CONSTRUCTION STONE BERM

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



0710-11-0704-0
SCHROECKENTHALER, THOMAS & JILL SCHROECKENTHALER
110 Emma Ct

0710-113-0705-8
SCHROECKENTHALER, THOMAS & JILL SCHROECKENTHALER
114 Emma Ct

0710-113-0706-6
SCHROECKENTHALER, THOMAS & JILL SCHROECKENTHALER
118 Emma Ct

0710-113-0706-6
SCHROECKENTHALER, THOMAS & JILL SCHROECKENTHALER
118 Emma Ct

PLOT SCALE:

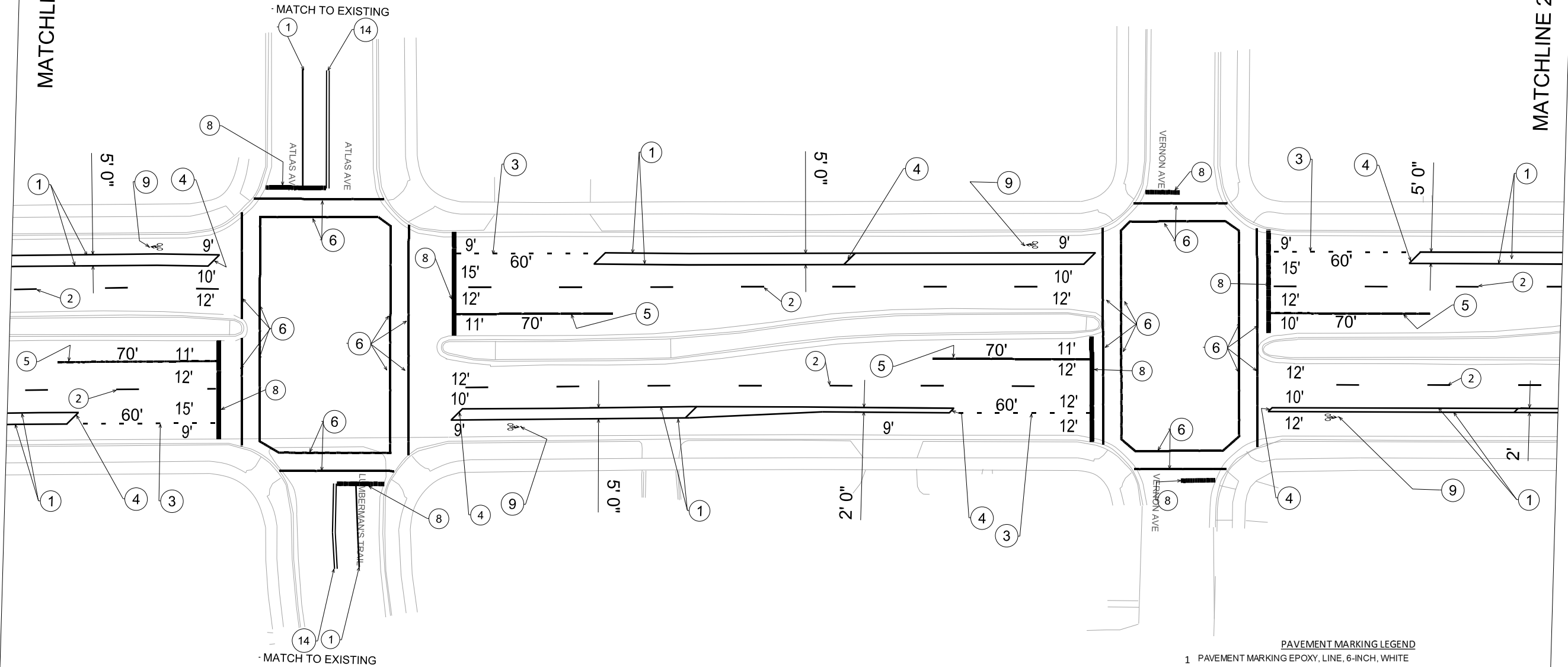
PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREET'S DIVISION

MATCHLINE 1

MATCHLINE 2



PAVEMENT MARKING LEGEND

- 1 PAVEMENT MARKING EPOXY, LINE, 6-INCH, WHITE
- 2 PAVEMENT MARKING EPOXY, LINE, 6-INCH, DASHED WHITE (10' X 30')
- 3 PAVEMENT MARKING EPOXY, LINE, 6-INCH, DASHED WHITE (2' X 6')
- 4 PAVEMENT MARKING EPOXY, DIAGONAL LINE, 6-INCH, WHITE
- 5 PAVEMENT MARKING EPOXY, LINE, 8-INCH WHITE
- 6 PAVEMENT MARKING EPOXY, CROSSWALK, 12-INCH, WHITE
- 7 PAVEMENT MARKING EPOXY, CONTINENTAL CROSSWALK, 18-INCH, WHITE
- 8 PAVEMENT MARKING EPOXY, STOP LINE, 24-INCH, WHITE
- 9 PAVEMENT MARKING EPOXY, SYMBOL, BIKE LANE, WHITE
- 10 PAVEMENT MARKING EPOXY, SYMBOL, BIKE STRAIGHT ARROW
- 11 PAVEMENT MARKING EPOXY, WORD, ONLY
- 12 PAVEMENT MARKING EPOXY, SYMBOL, RIGHT ARROW, WHITE
- 13 PAVEMENT MARKING EPOXY, SYMBOL, BIKE SHARROW
- 14 PAVEMENT MARKING EPOXY, DOUBLE LINE, 4-INCH, YELLOW
- 15 PAVEMENT MARKING EPOXY, LINE, 6-INCH, DASHED YELLOW (10' X 30')

PLOT SCALE:

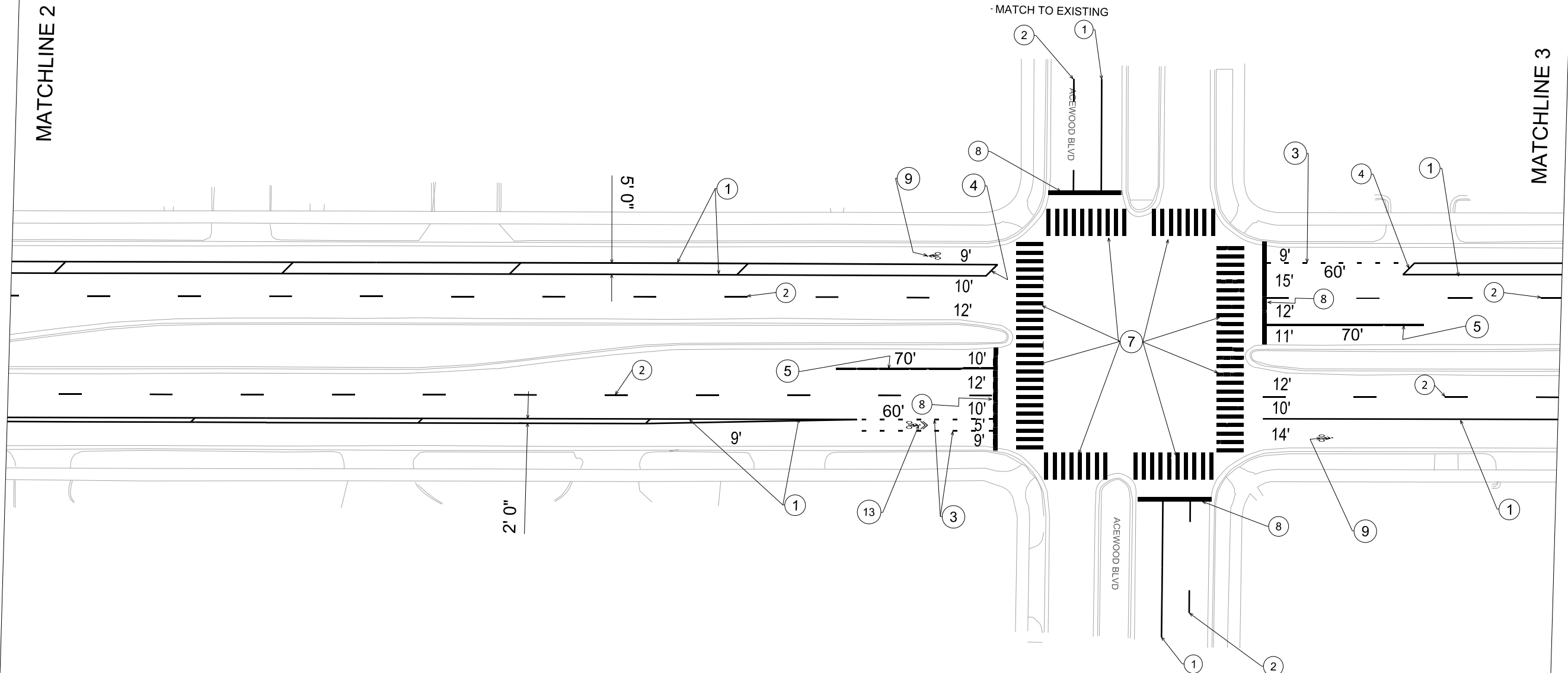
PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.

MATCHLINE 2

MATCHLINE 3



- PAVEMENT MARKING LEGEND**
- 1 PAVEMENT MARKING EPOXY, LINE, 6-INCH, WHITE
 - 2 PAVEMENT MARKING EPOXY, LINE, 6-INCH, DASHED WHITE (10' X 30')
 - 3 PAVEMENT MARKING EPOXY, LINE, 6-INCH, DASHED WHITE (2' X 6')
 - 4 PAVEMENT MARKING EPOXY, DIAGONAL LINE, 6-INCH, WHITE
 - 5 PAVEMENT MARKING EPOXY, LINE, 8-INCH WHITE
 - 6 PAVEMENT MARKING EPOXY, CROSSWALK, 12-INCH, WHITE
 - 7 PAVEMENT MARKING EPOXY, CONTINENTAL CROSSWALK, 18-INCH, WHITE
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PLOT SCALE:

PLOT NAME:

REV. DATE:

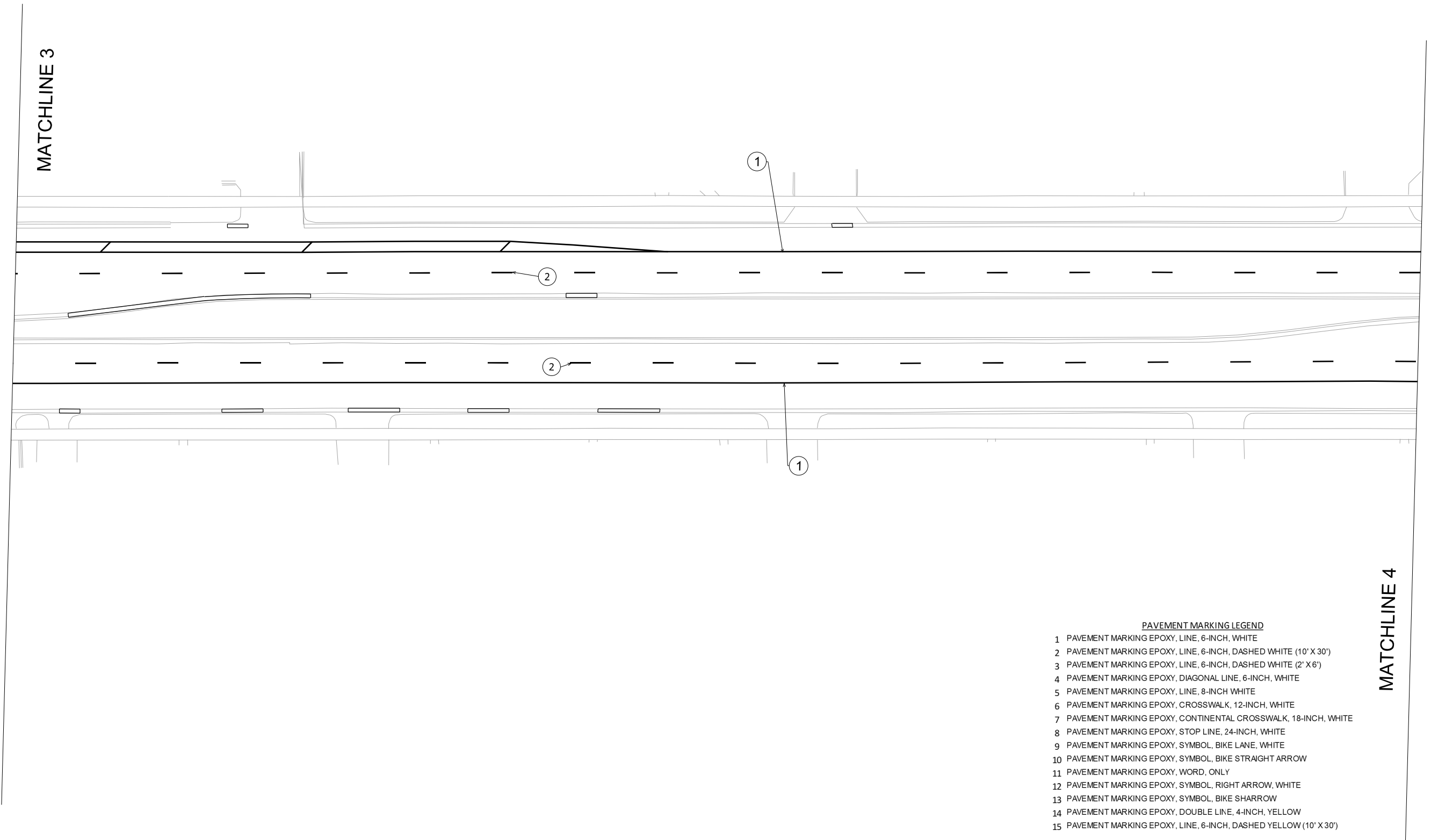
ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.

PAVEMENT MARKING PLAN

COTTAGE GROVE RD

CITY OF MADISON

MATCHLINE 3



MATCHLINE 4

PAVEMENT MARKING LEGEND

- 1 PAVEMENT MARKING EPOXY, LINE, 6-INCH, WHITE
- 2 PAVEMENT MARKING EPOXY, LINE, 6-INCH, DASHED WHITE (10' X 30')
- 3 PAVEMENT MARKING EPOXY, LINE, 6-INCH, DASHED WHITE (2' X 6')
- 4 PAVEMENT MARKING EPOXY, DIAGONAL LINE, 6-INCH, WHITE
- 5 PAVEMENT MARKING EPOXY, LINE, 8-INCH WHITE
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- 10 PAVEMENT MARKING EPOXY, SYMBOL, BIKE STRAIGHT ARROW
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- 12 PAVEMENT MARKING EPOXY, SYMBOL, RIGHT ARROW, WHITE
- 13 PAVEMENT MARKING EPOXY, SYMBOL, BIKE SHARROW
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- 15 PAVEMENT MARKING EPOXY, LINE, 6-INCH, DASHED YELLOW (10' X 30')

PLOT SCALE:

PLOT NAME:

REV. DATE:

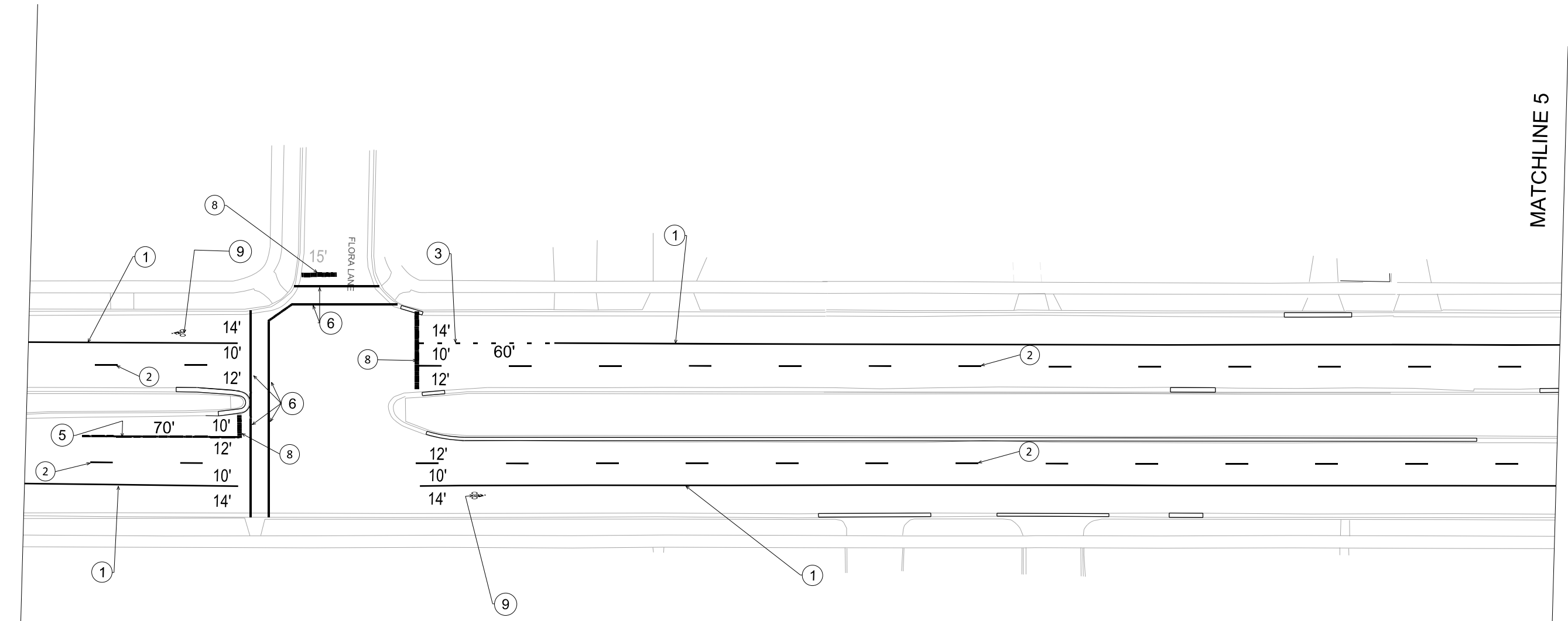
ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.

PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.



MATCHLINE 4

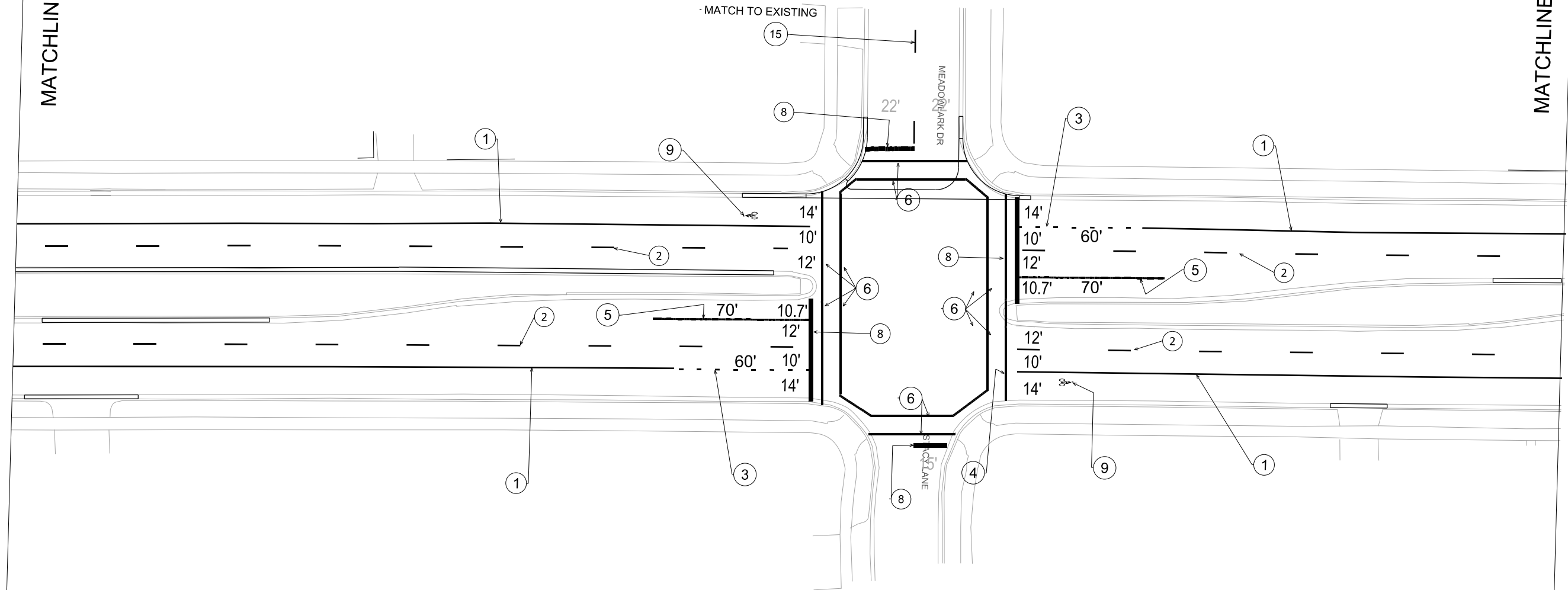
MATCHLINE 5

PAVEMENT MARKING LEGEND

- 1 PAVEMENT MARKING EPOXY, LINE, 6-INCH, WHITE
- 2 PAVEMENT MARKING EPOXY, LINE, 6-INCH, DASHED WHITE (10' X 30')
- 3 PAVEMENT MARKING EPOXY, LINE, 6-INCH, DASHED WHITE (2' X 6')
- 4 PAVEMENT MARKING EPOXY, DIAGONAL LINE, 6-INCH, WHITE
- 5 PAVEMENT MARKING EPOXY, LINE, 8-INCH WHITE
- 6 PAVEMENT MARKING EPOXY, CROSSWALK, 12-INCH, WHITE
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- 11 PAVEMENT MARKING EPOXY, WORD, ONLY
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- 13 PAVEMENT MARKING EPOXY, SYMBOL, BIKE SHARROW
- 14 PAVEMENT MARKING EPOXY, DOUBLE LINE, 4-INCH, YELLOW
- 15 PAVEMENT MARKING EPOXY, LINE, 6-INCH, DASHED YELLOW (10' X 30')

MATCHLINE 5

MATCHLINE 6



PAVEMENT MARKING LEGEND

- 1 PAVEMENT MARKING EPOXY, LINE, 6-INCH, WHITE
- 2 PAVEMENT MARKING EPOXY, LINE, 6-INCH, DASHED WHITE (10' X 30')
- 3 PAVEMENT MARKING EPOXY, LINE, 6-INCH, DASHED WHITE (2' X 6')
- 4 PAVEMENT MARKING EPOXY, DIAGONAL LINE, 6-INCH, WHITE
- 5 PAVEMENT MARKING EPOXY, LINE, 8-INCH WHITE
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- 15 PAVEMENT MARKING EPOXY, LINE, 6-INCH, DASHED YELLOW (10' X 30')

PLOT SCALE:

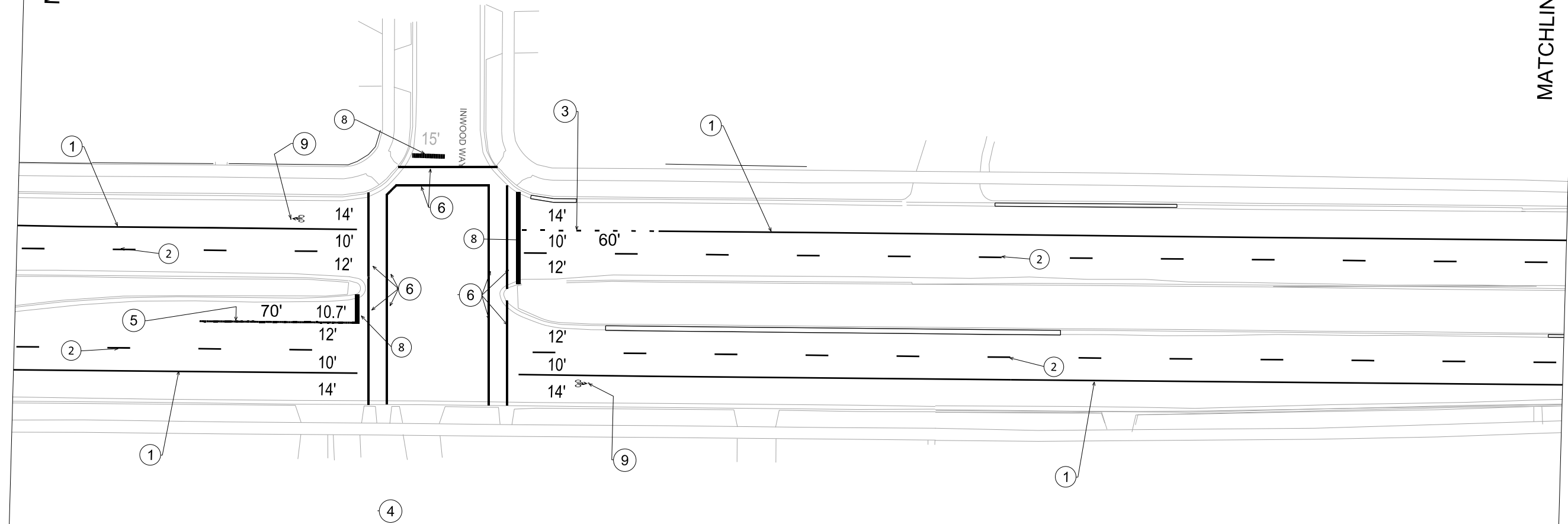
PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.

MATCHLINE 6

MATCHLINE 7



PAVEMENT MARKING LEGEND

- 1 PAVEMENT MARKING EPOXY, LINE, 6-INCH, WHITE
- 2 PAVEMENT MARKING EPOXY, LINE, 6-INCH, DASHED WHITE (10' X 30')
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PLOT SCALE:

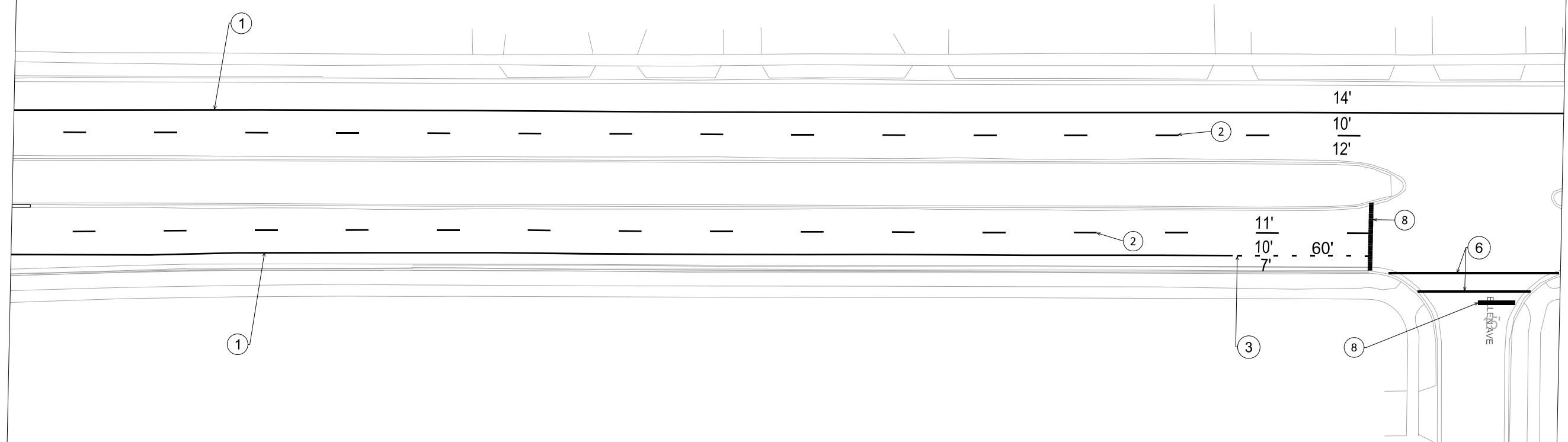
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REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.

MATCHLINE 7

MATCHLINE 8



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PLOT SCALE:

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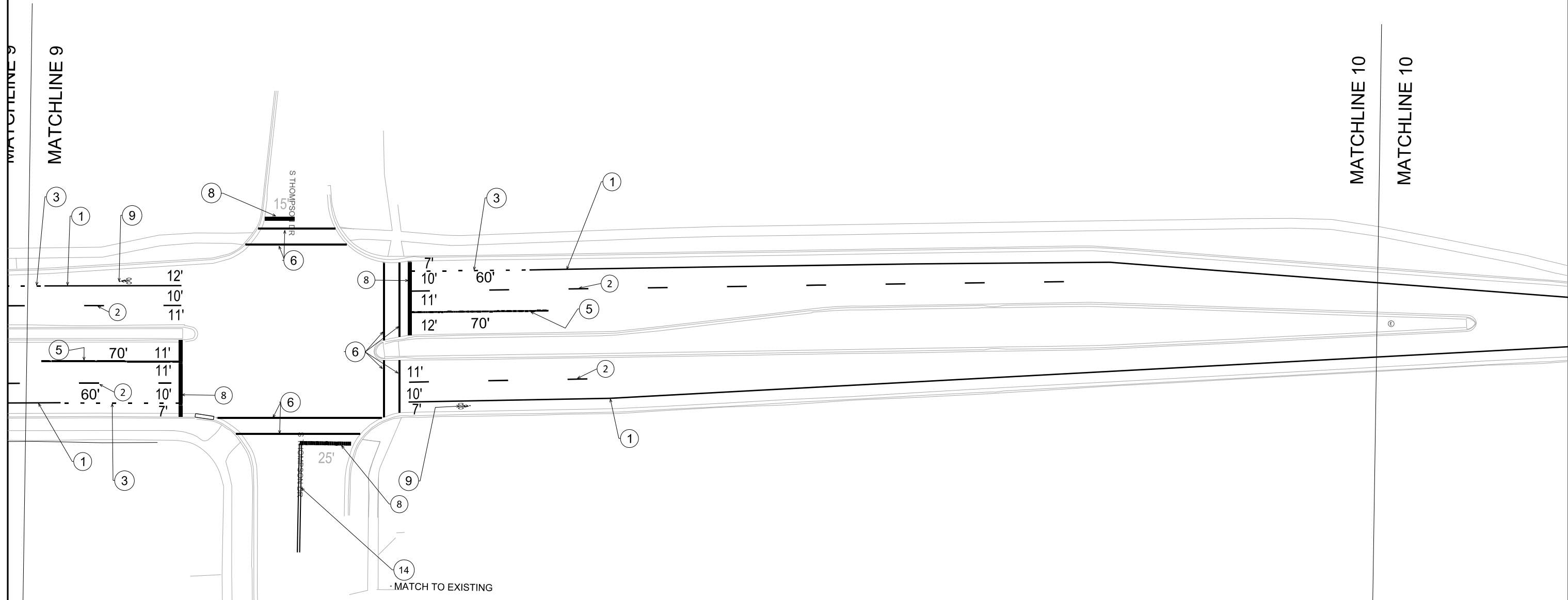
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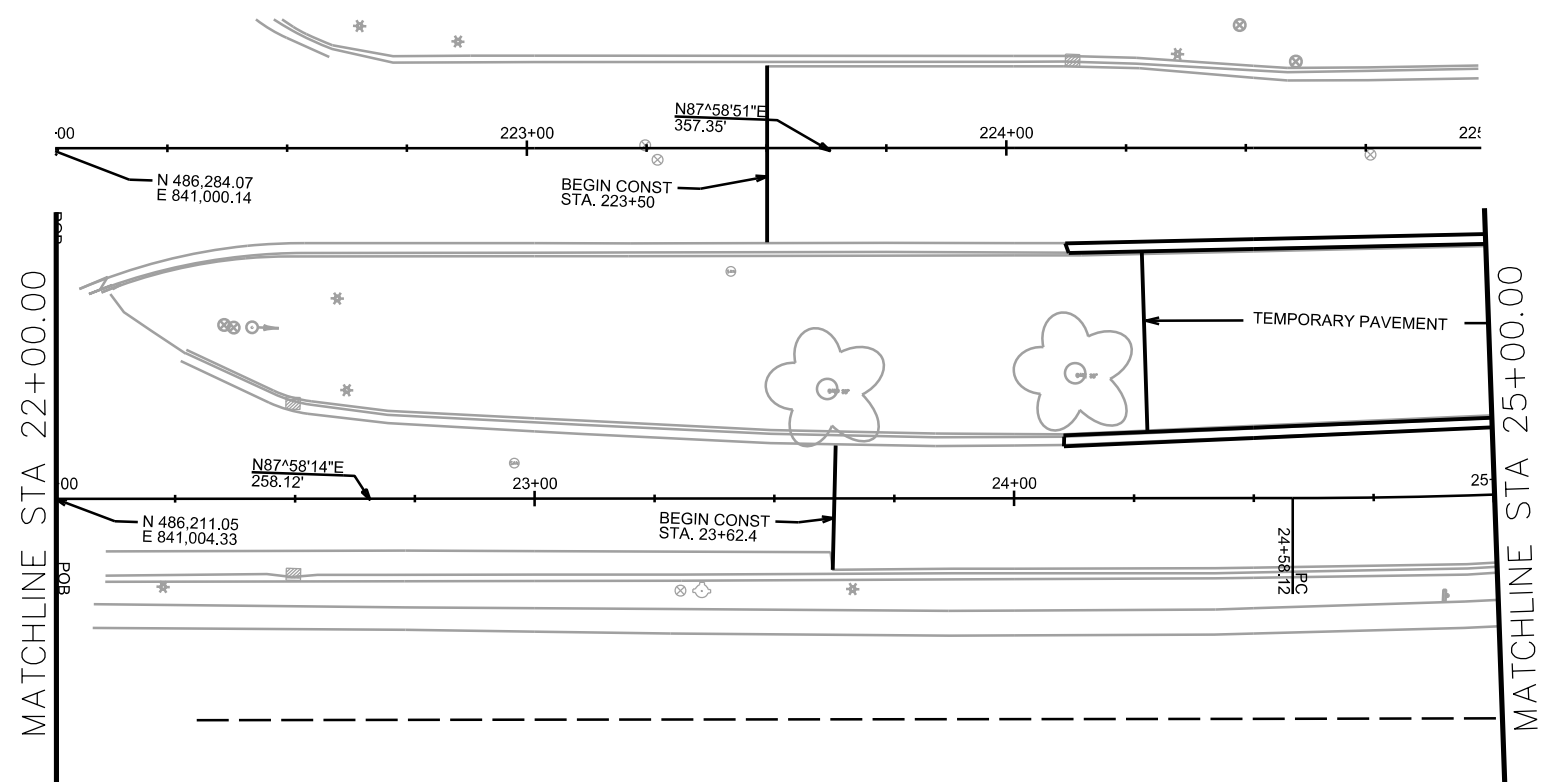
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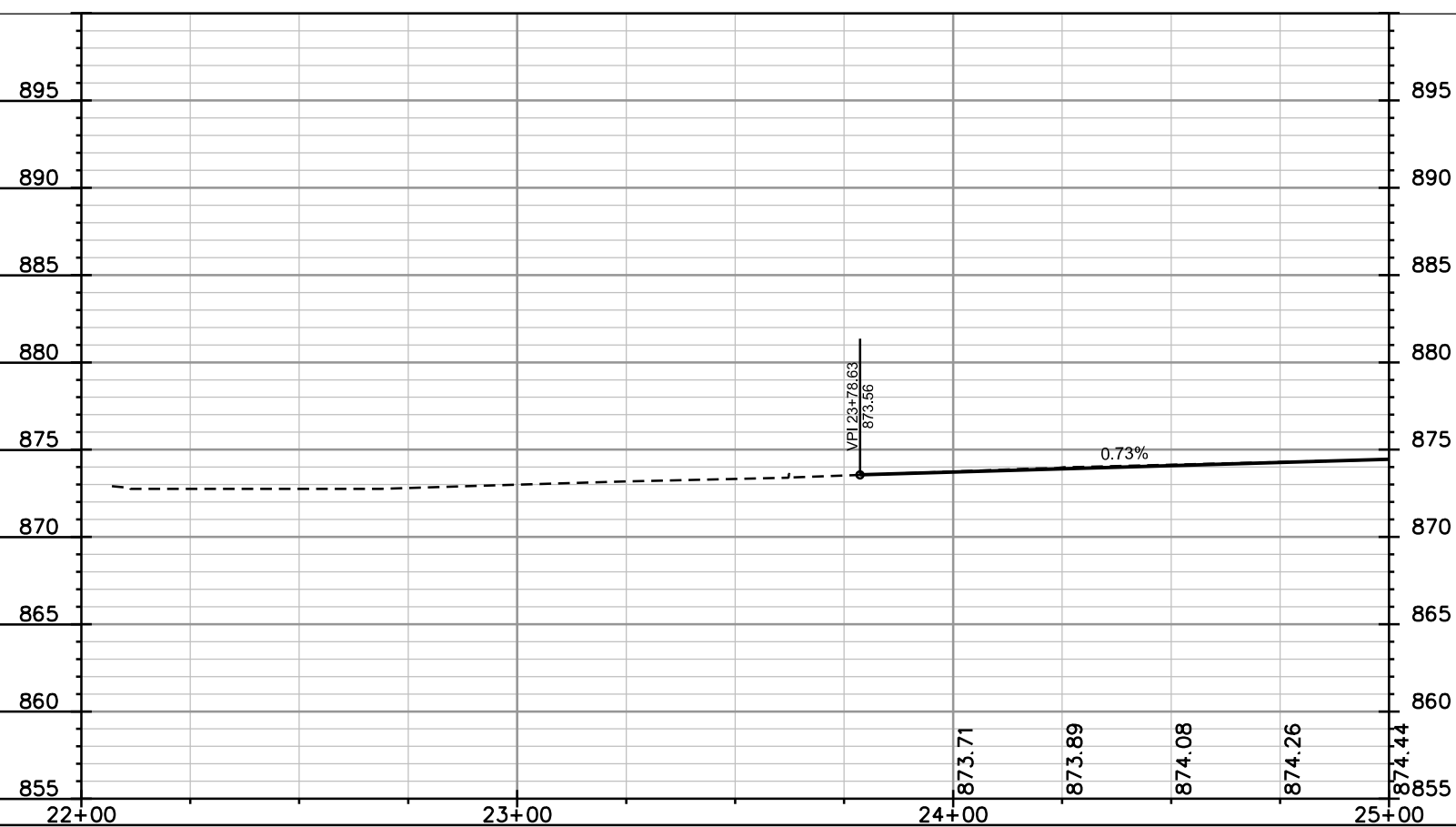


PAVEMENT MARKING LEGEND

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0710-094-0099-7
 CENTRAL STORAGE & WAREHOUSE CO
 4301 Cottage Grove Rd



PLOT SCALE: _____

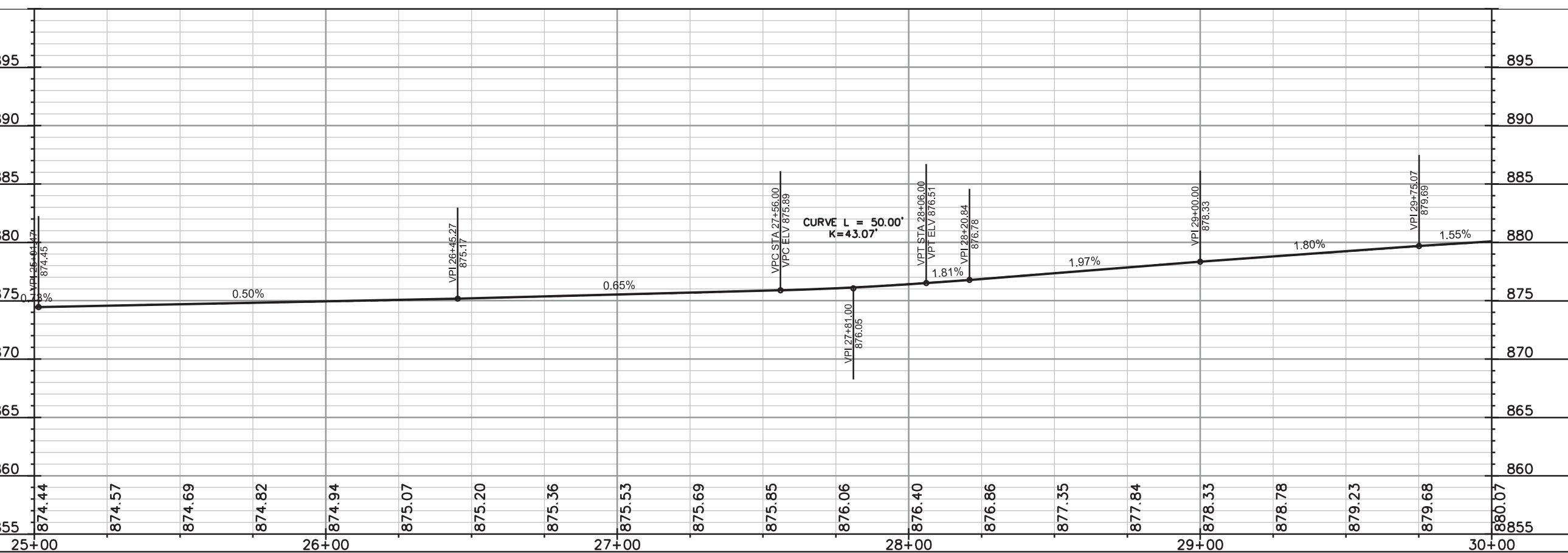
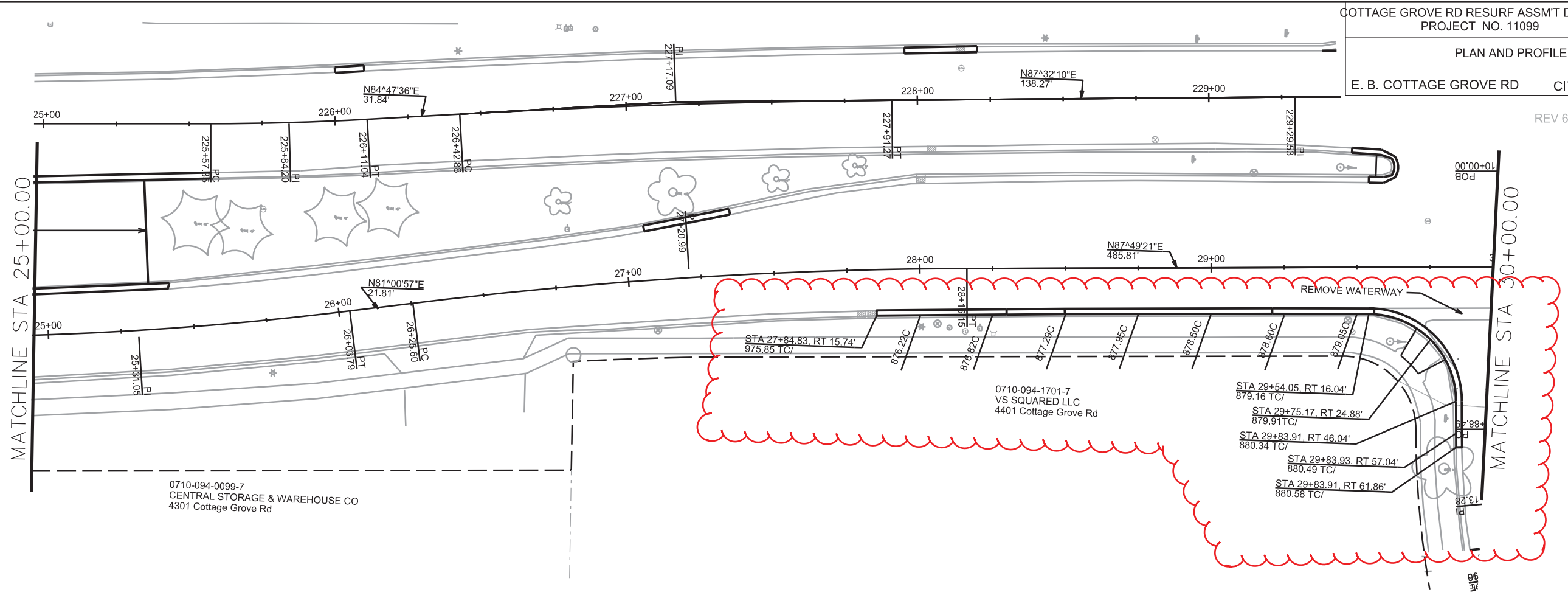
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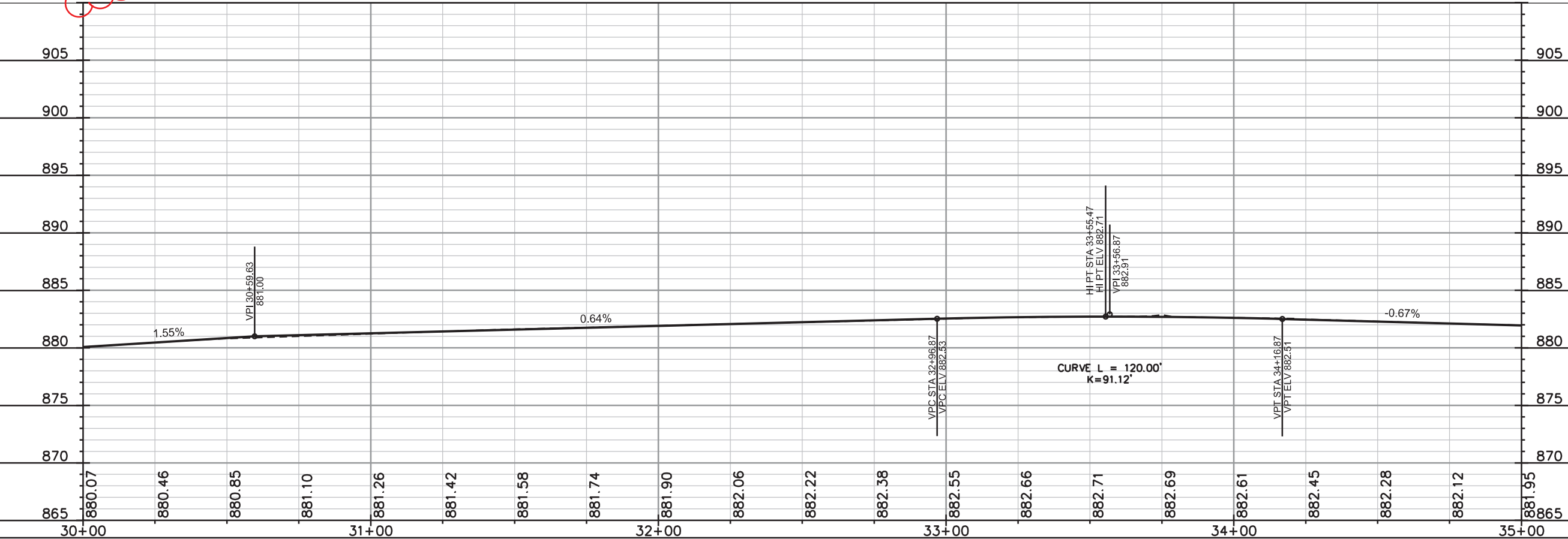
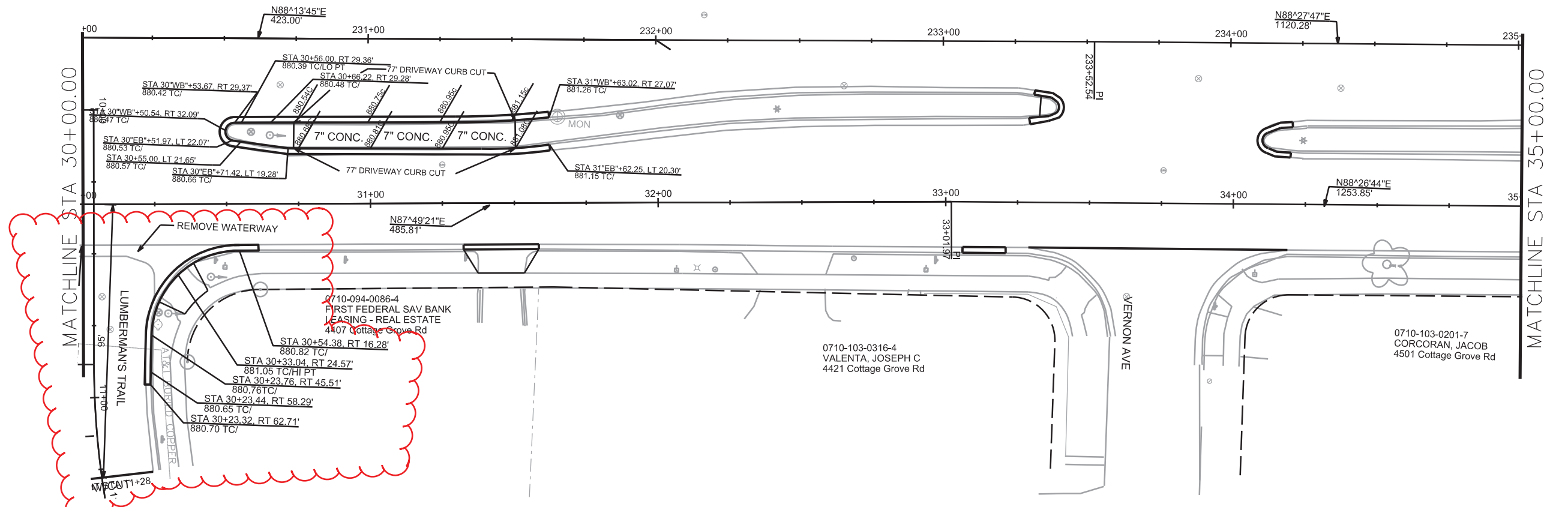
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

PLAN AND PROFILE
 E. B. COTTAGE GROVE RD CITY OF MADISON

REV 6/9/16 LKH



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



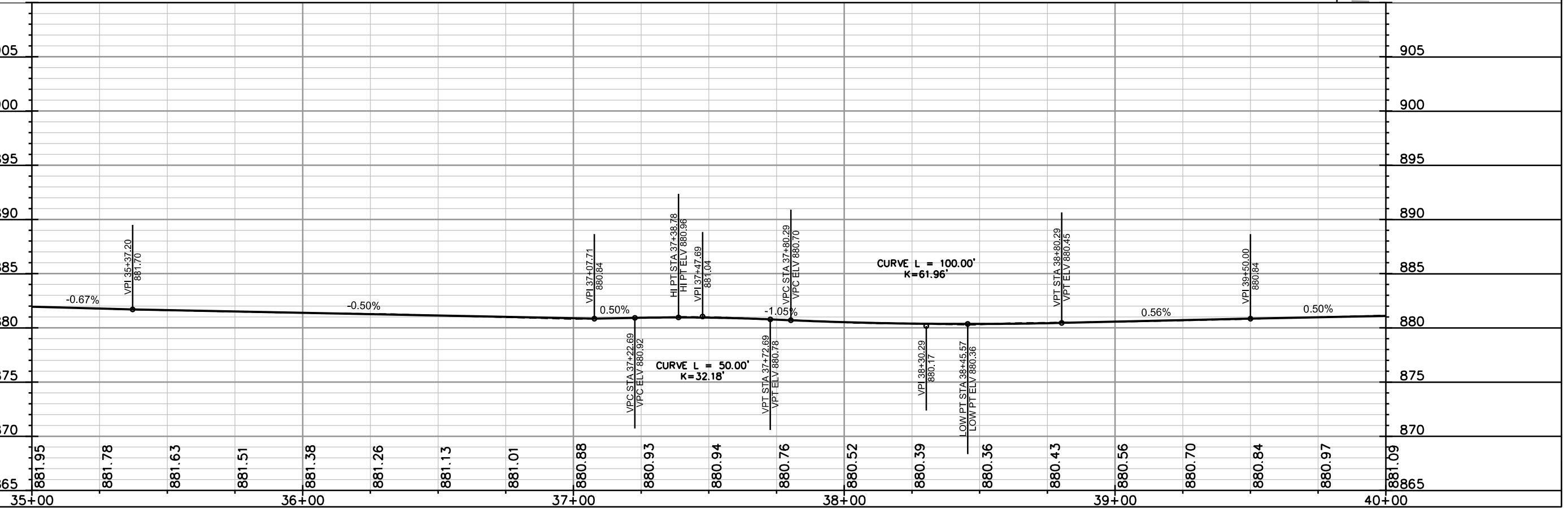
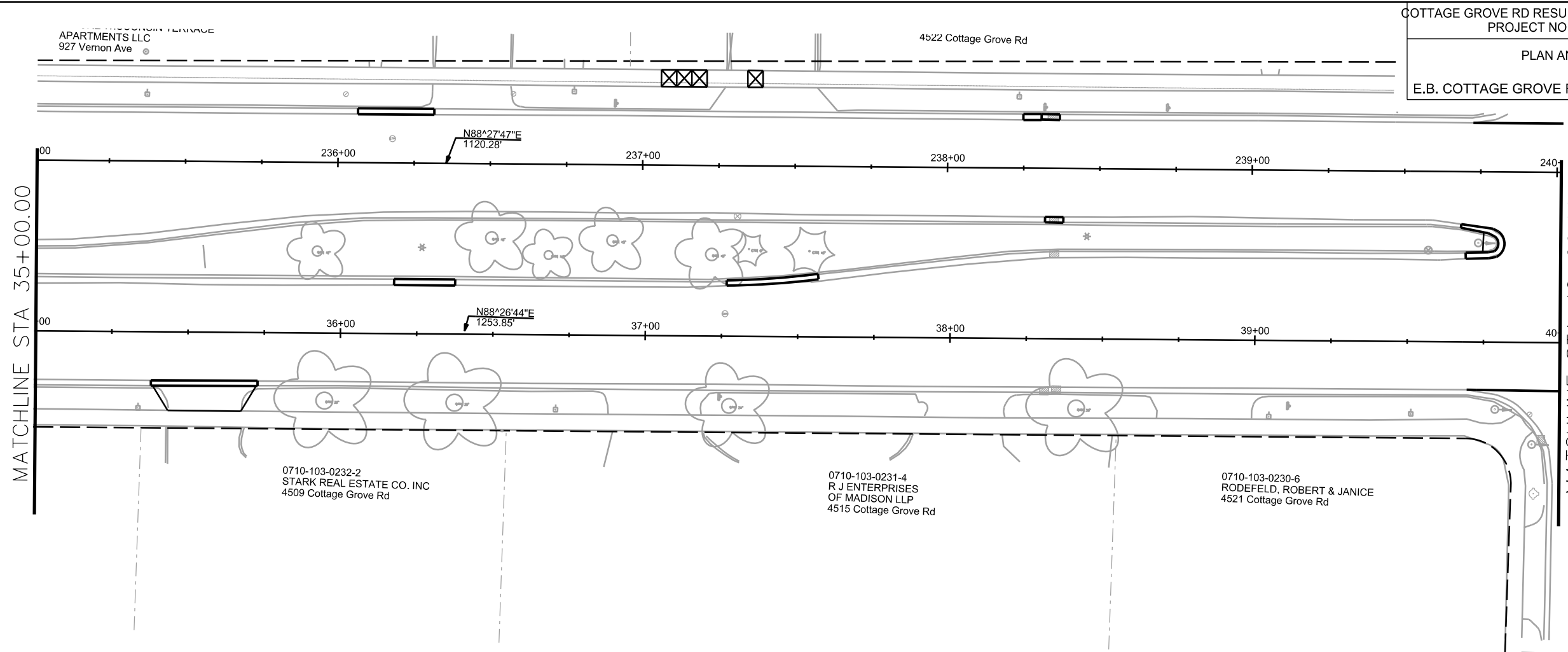
PLOT SCALE: _____

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REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

PLAN AND PROFILE
 E.B. COTTAGE GROVE RD CITY OF MADISON

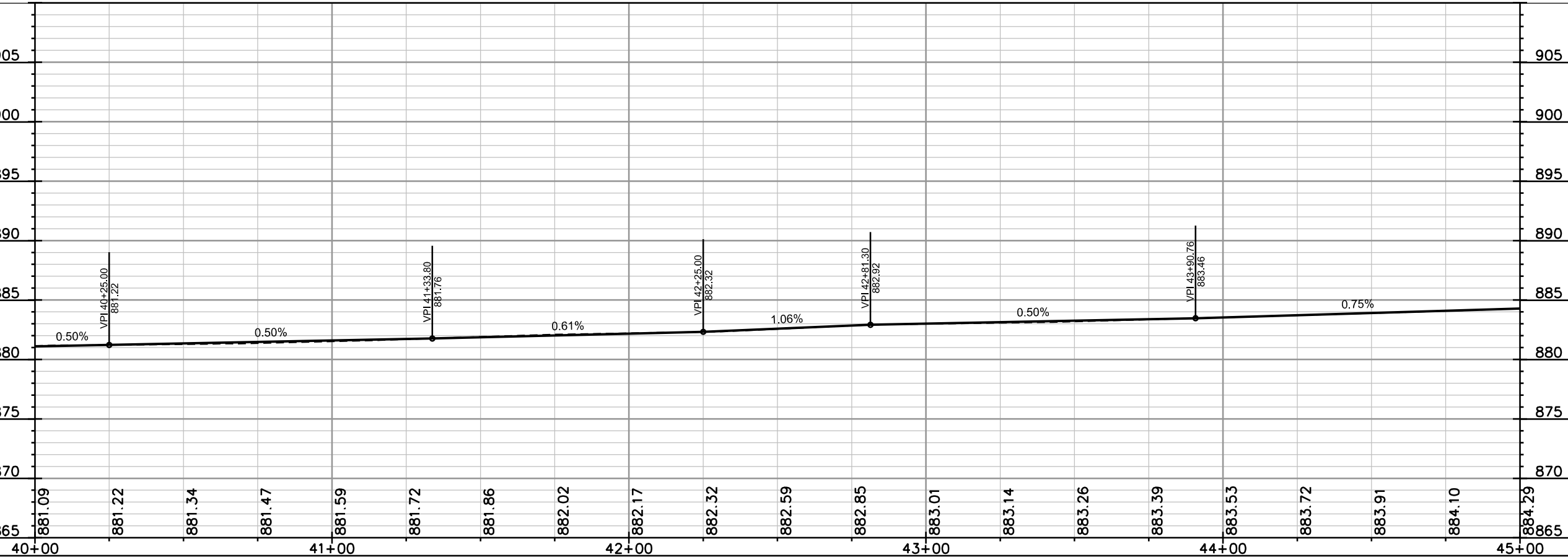
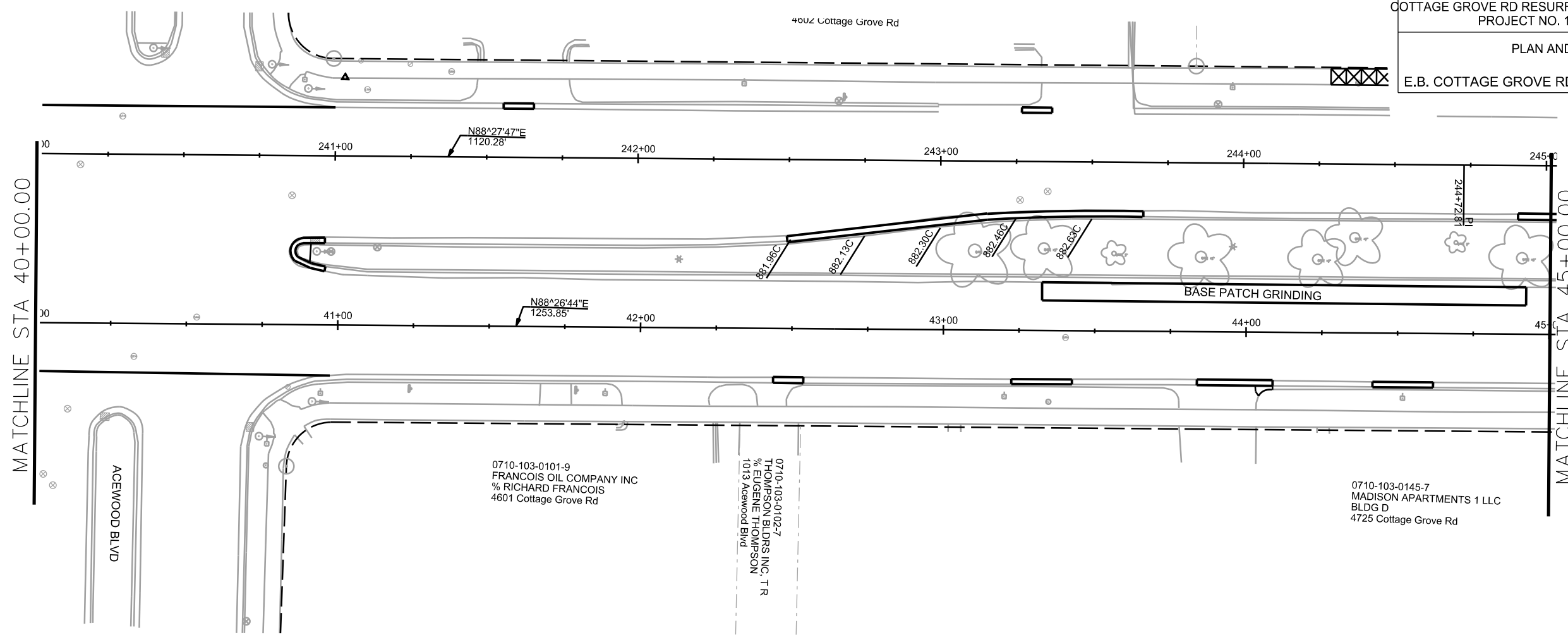


PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

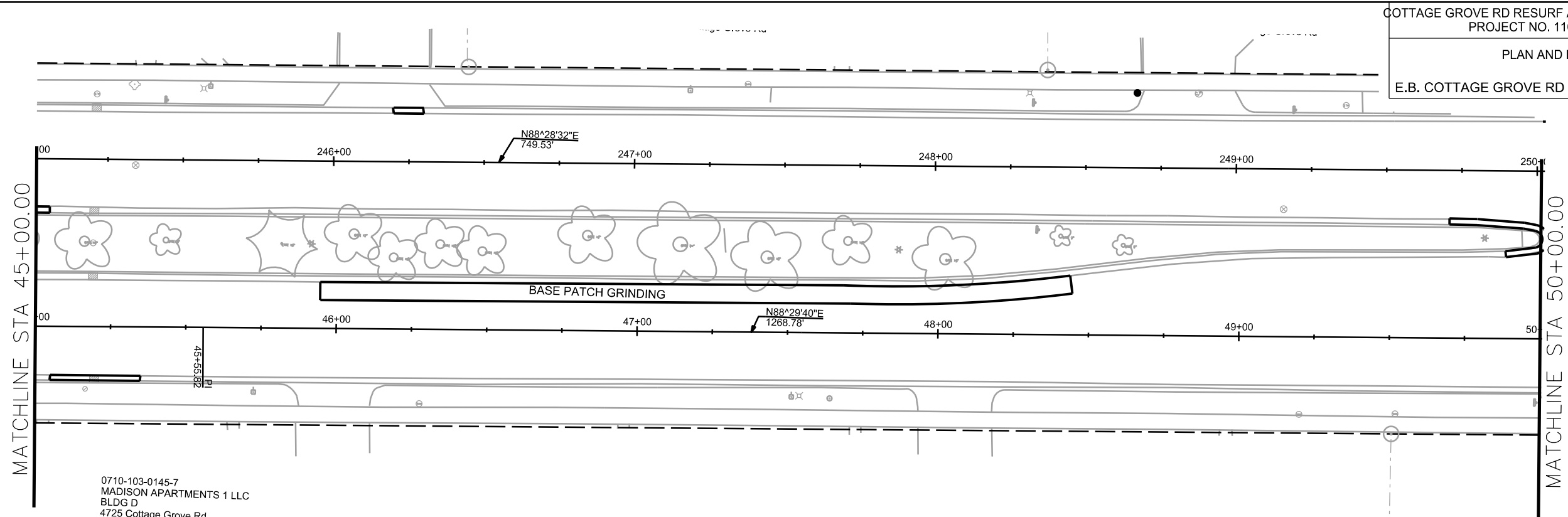


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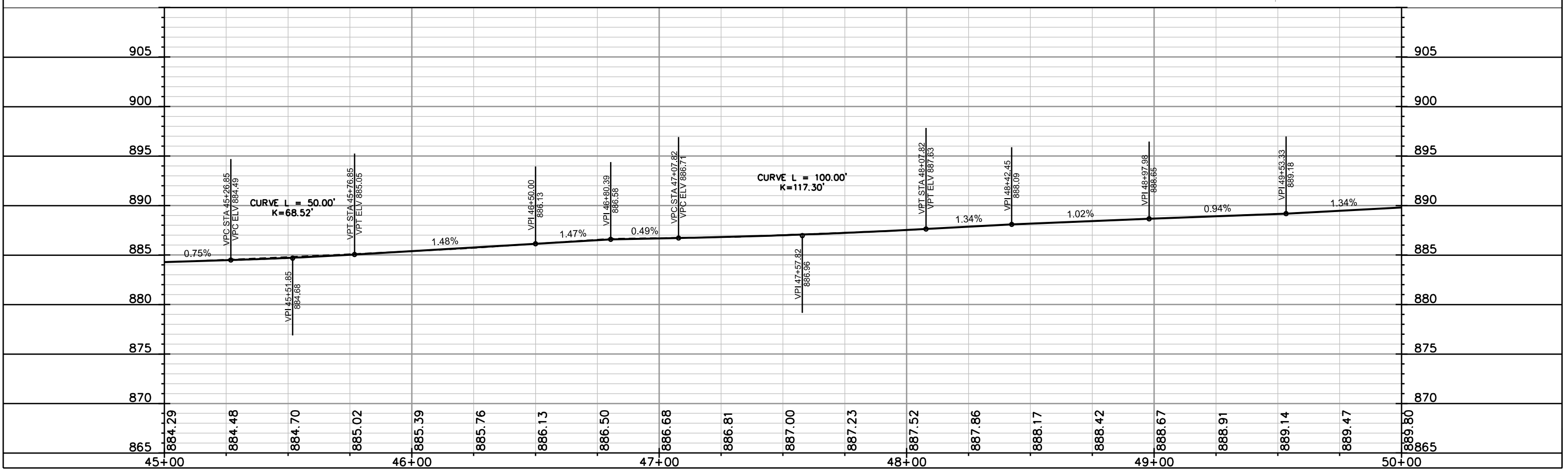
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REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



0710-103-0145-7
 MADISON APARTMENTS 1 LLC
 BLDG D
 4725 Cottage Grove Rd

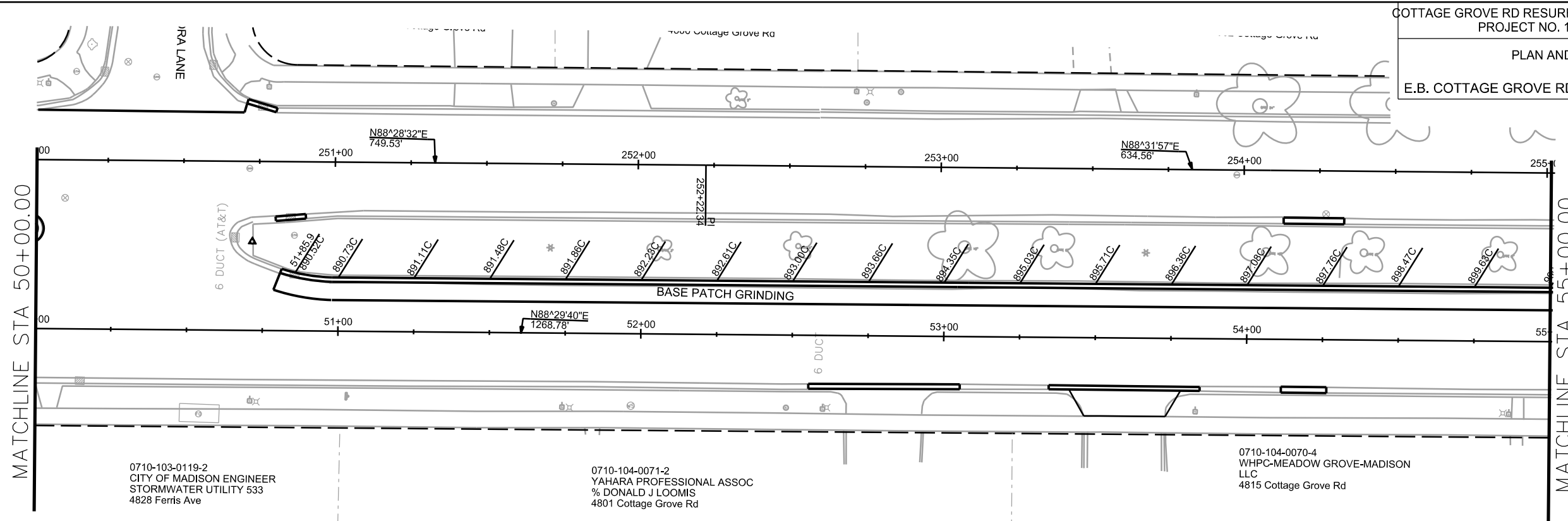


PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

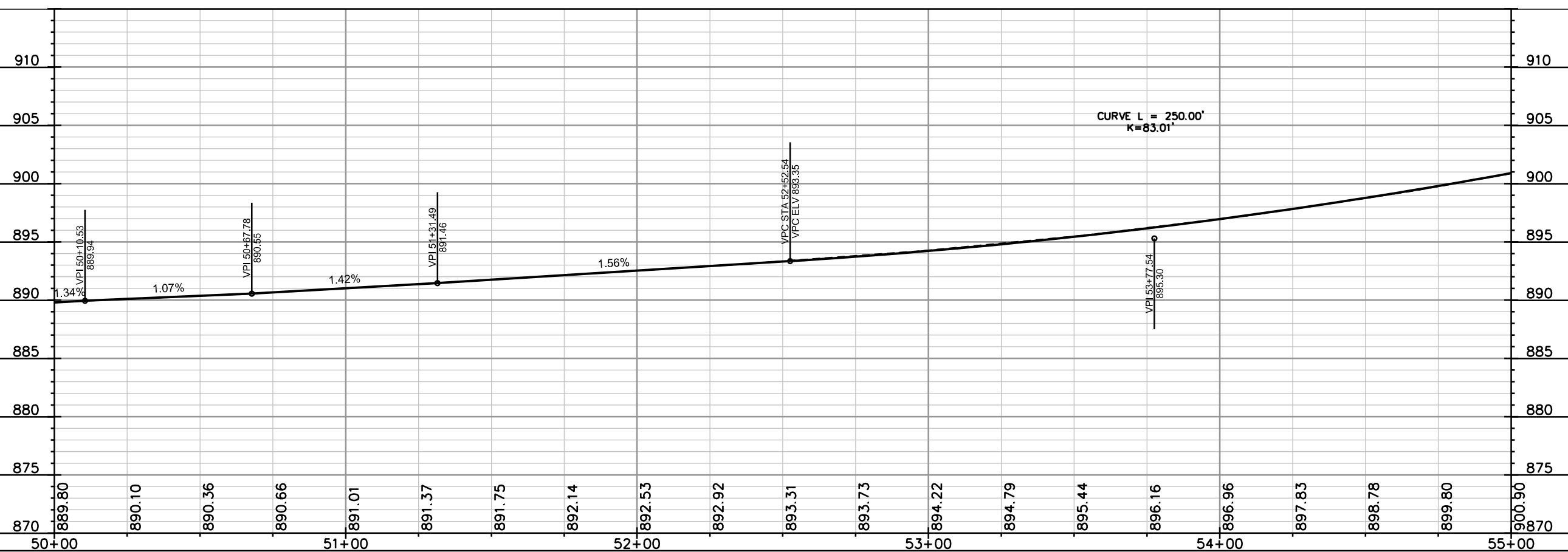
ORIGINATOR: CITY OF MADISON, STREETS DIVISION



0710-103-0119-2
 CITY OF MADISON ENGINEER
 STORMWATER UTILITY 533
 4828 Ferris Ave

0710-104-0071-2
 YAHARA PROFESSIONAL ASSOC
 % DONALD J LOOMIS
 4801 Cottage Grove Rd

0710-104-0070-4
 WHPC-MEADOW GROVE-MADISON
 LLC
 4815 Cottage Grove Rd



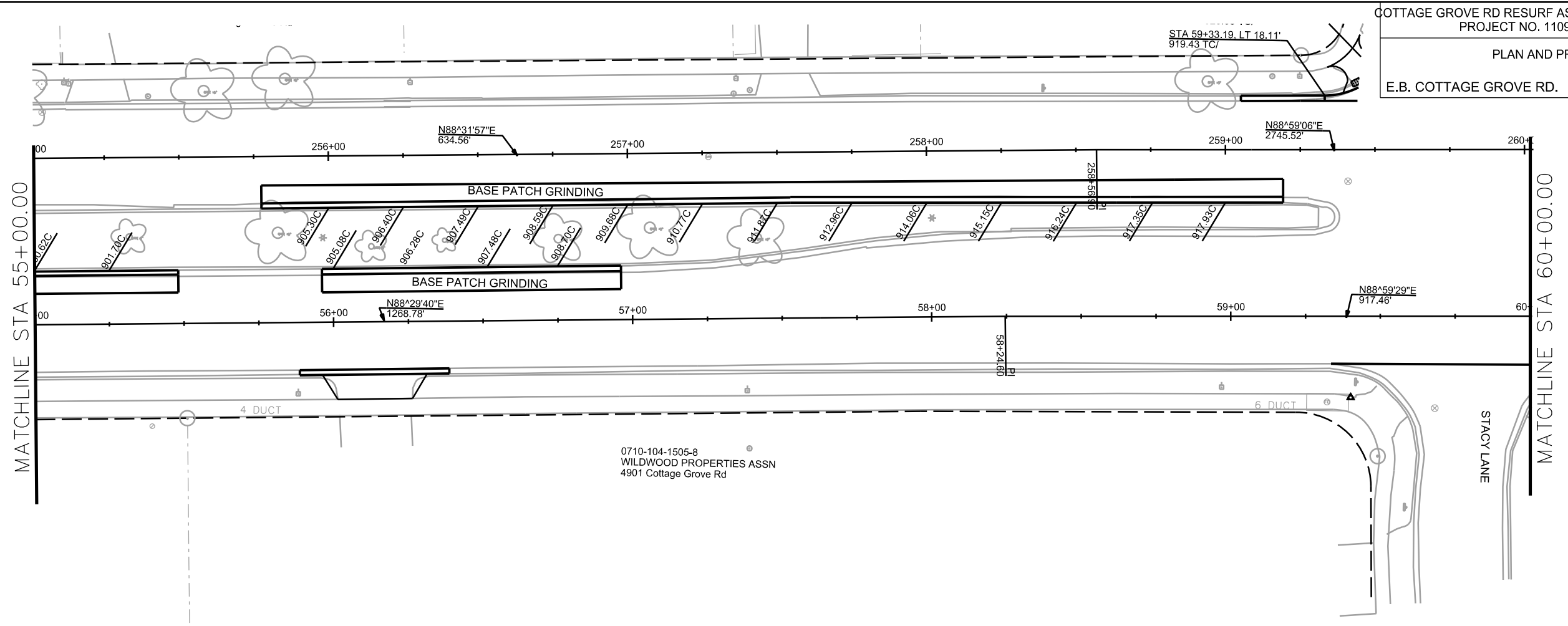
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ORIGINATOR: CITY OF MADISON, STREETS DIVISION

PLAN AND PROFILE
 E.B. COTTAGE GROVE RD. CITY OF MADISON

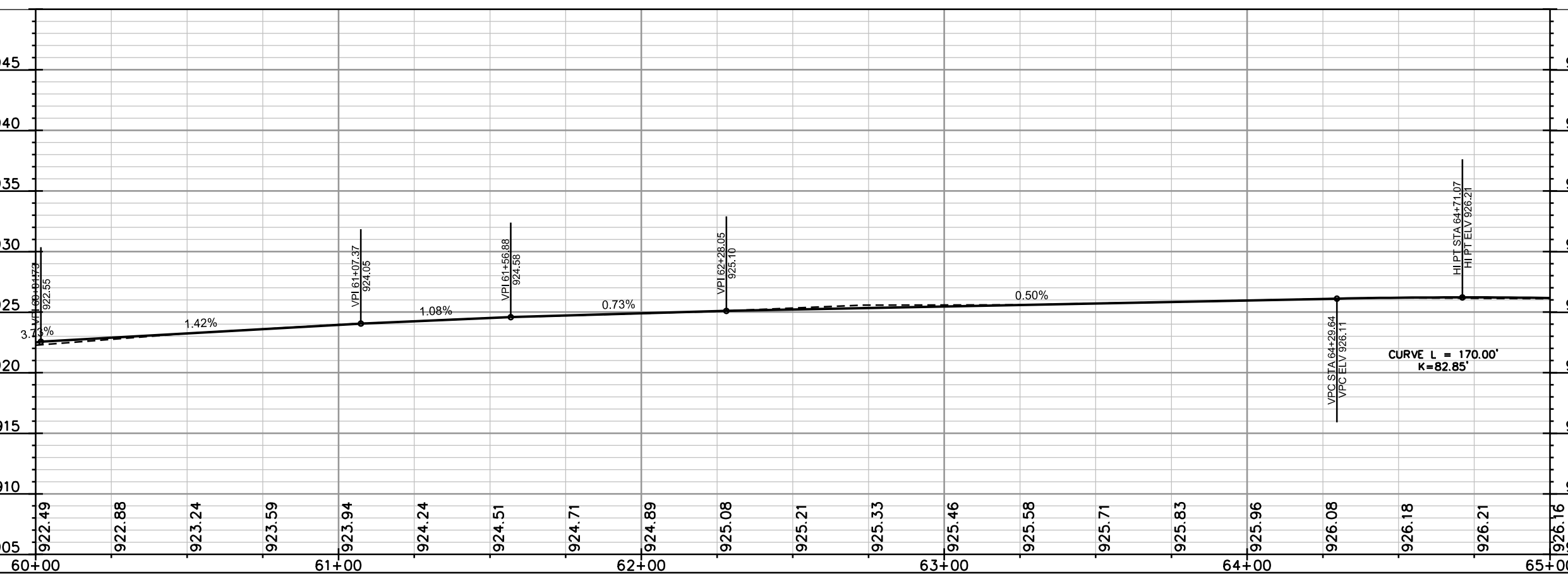
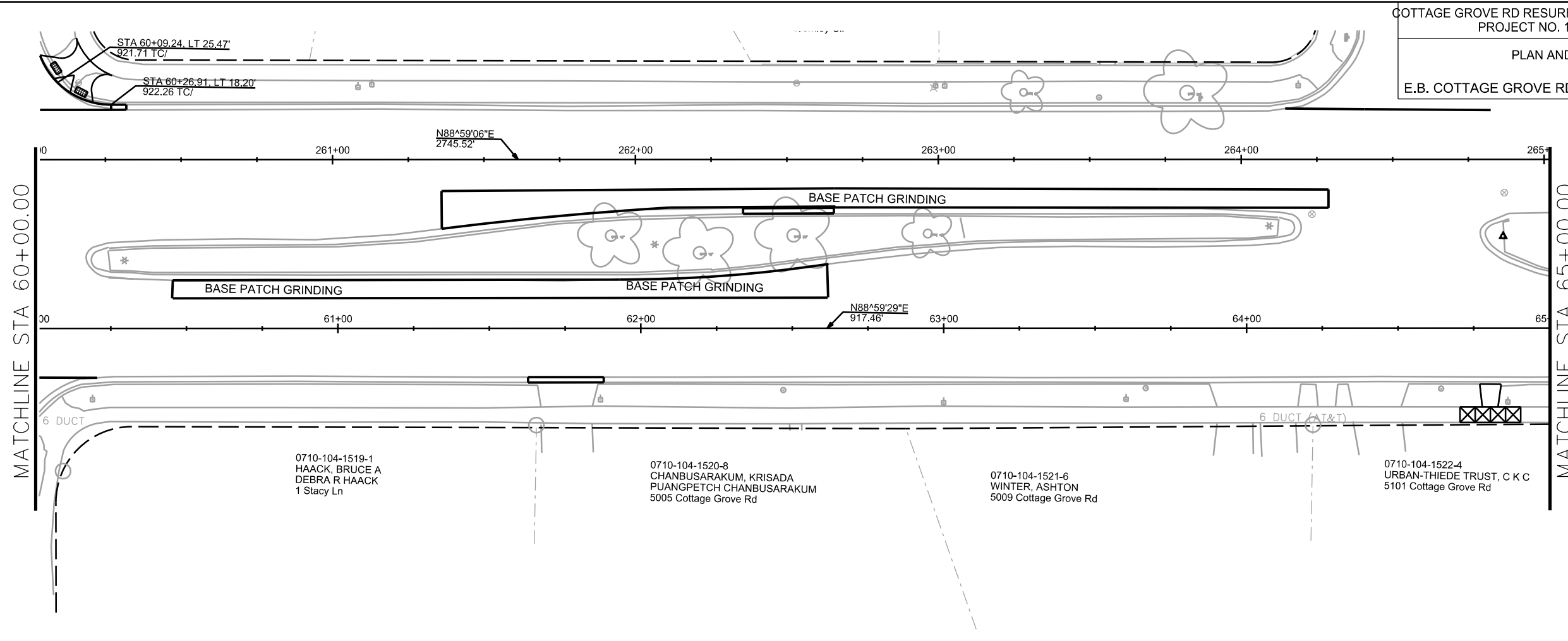


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REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



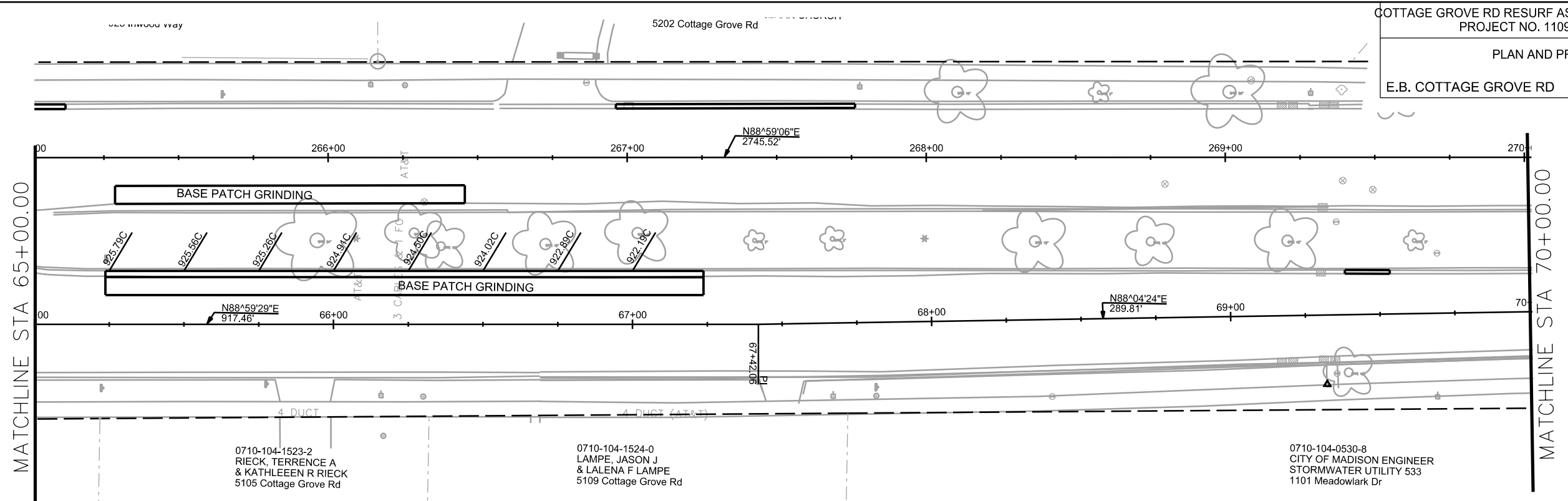
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REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

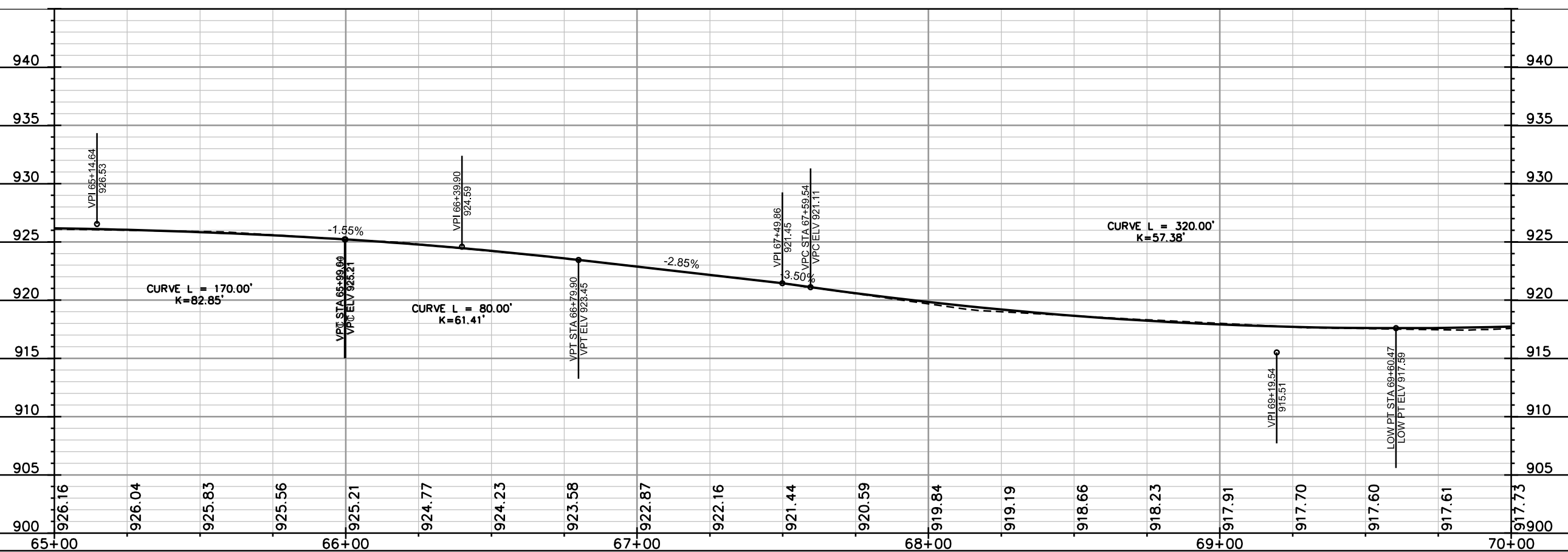
PLAN AND PROFILE
 E.B. COTTAGE GROVE RD CITY OF MADISON



0710-104-1523-2
 RIECK, TERRENCE A
 & KATHLEEN R. RIECK
 5105 Cottage Grove Rd

0710-104-1524-0
 LAMPE, JASON J
 & LALENA F. LAMPE
 5109 Cottage Grove Rd

0710-104-0530-8
 CITY OF MADISON ENGINEER
 STORMWATER UTILITY 533
 1101 Meadowlark Dr



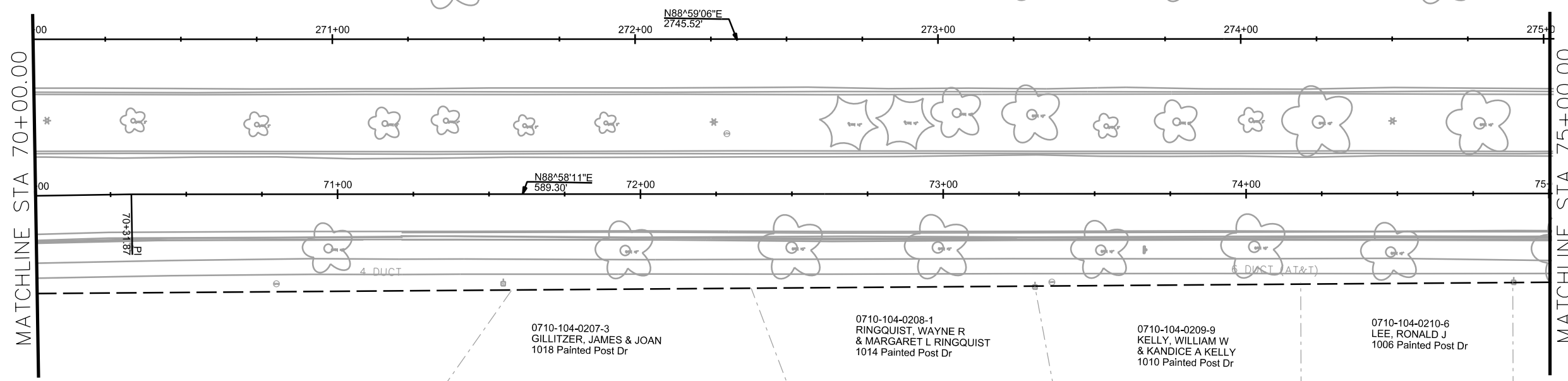
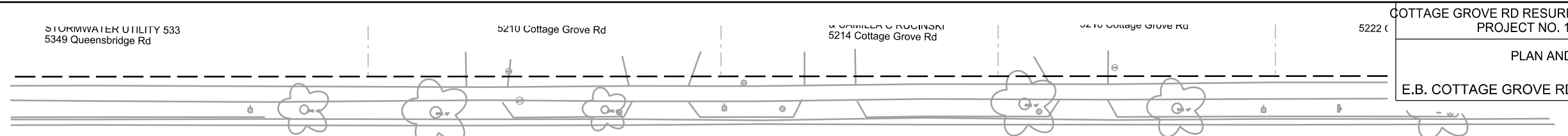
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PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

PLAN AND PROFILE
 E.B. COTTAGE GROVE RD CITY OF MADISON



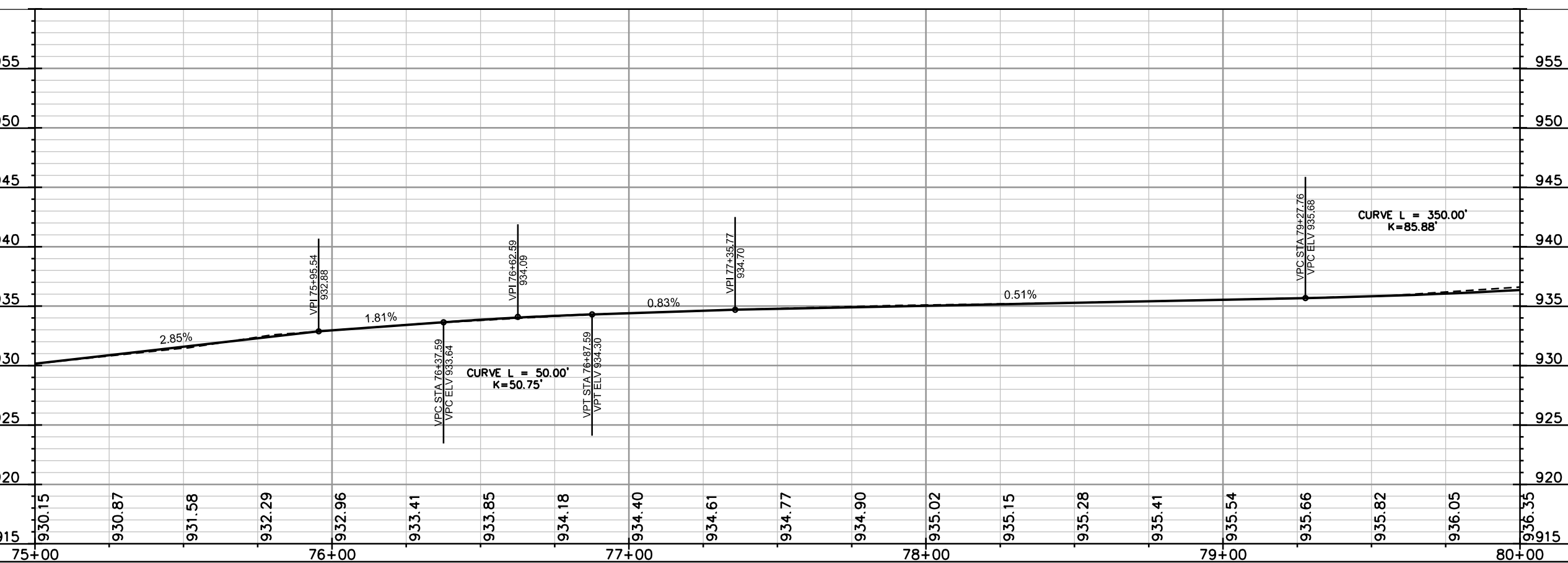
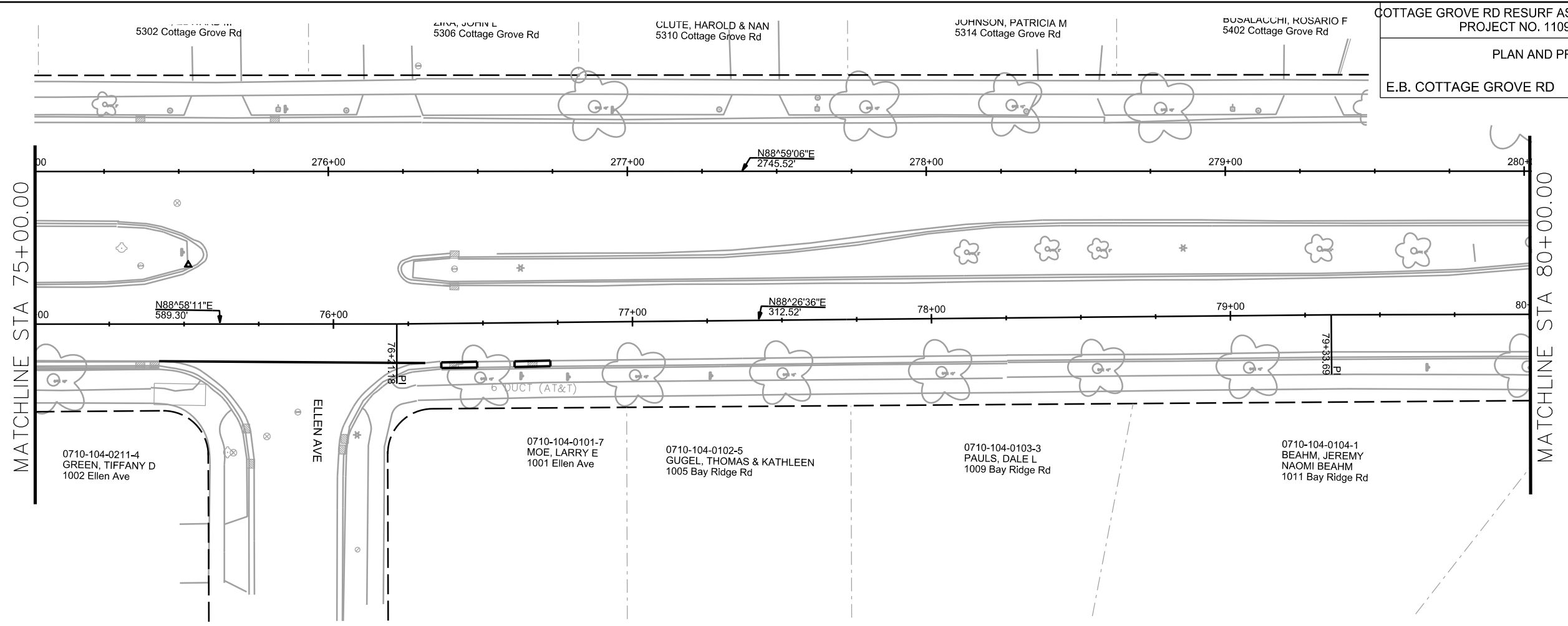
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PLOT NAME: _____

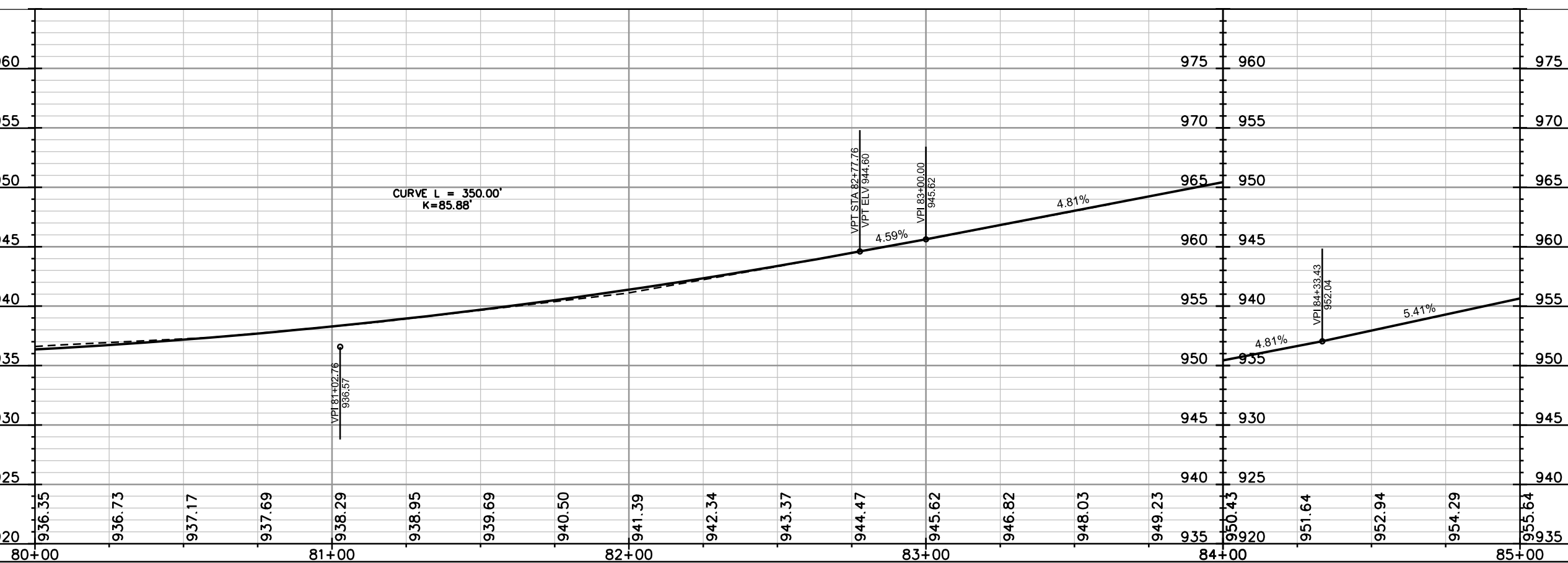
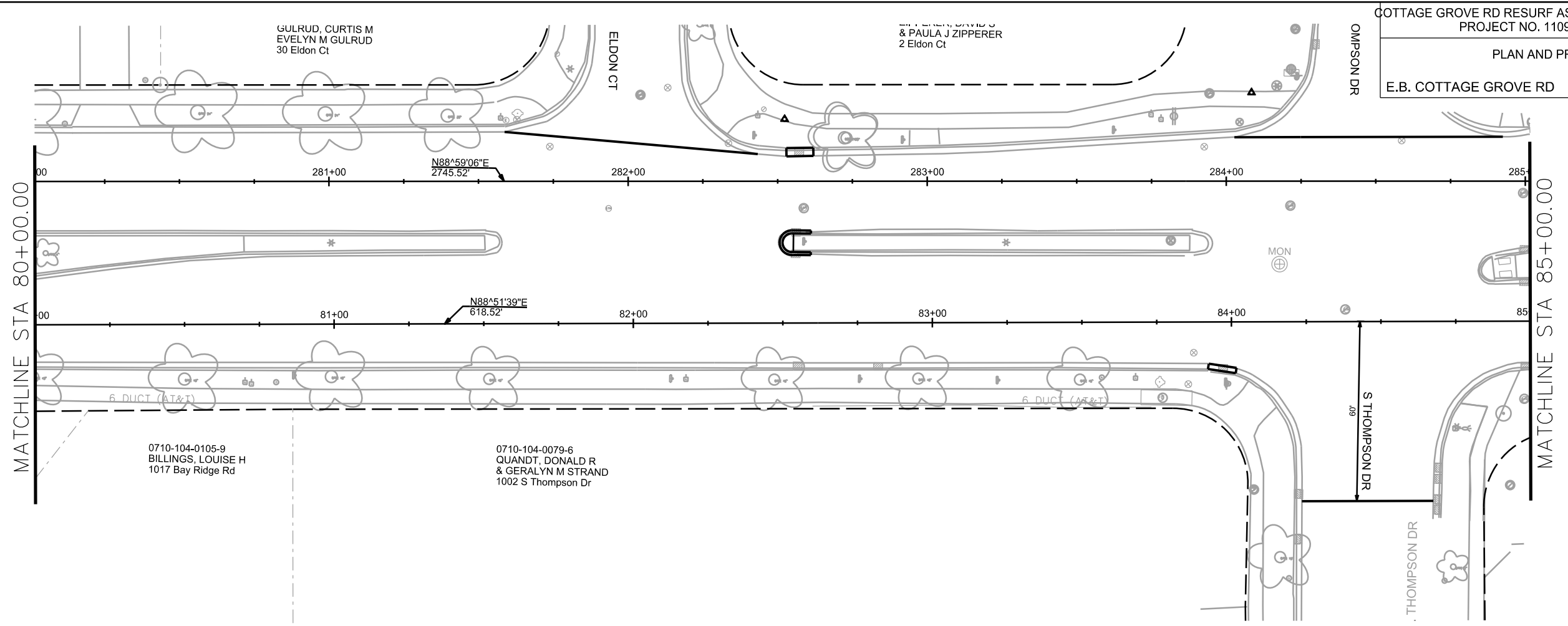
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ORIGINATOR: CITY OF MADISON, STREETS DIVISION

PLAN AND PROFILE
 E.B. COTTAGE GROVE RD CITY OF MADISON

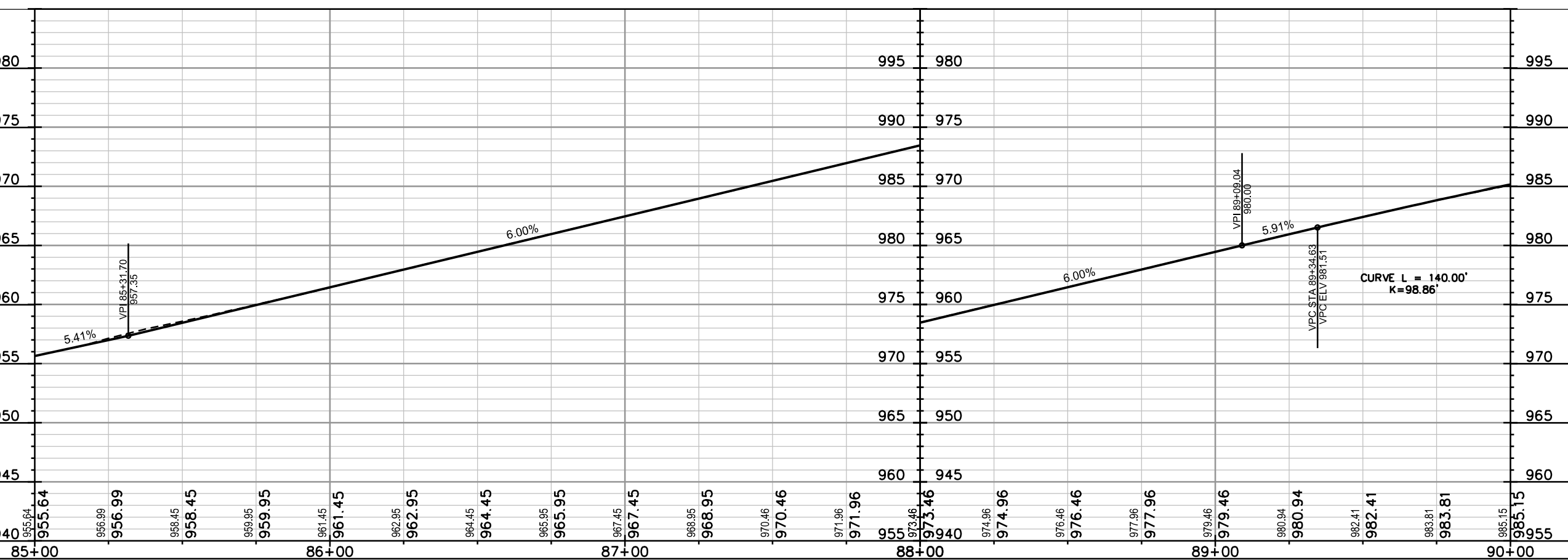
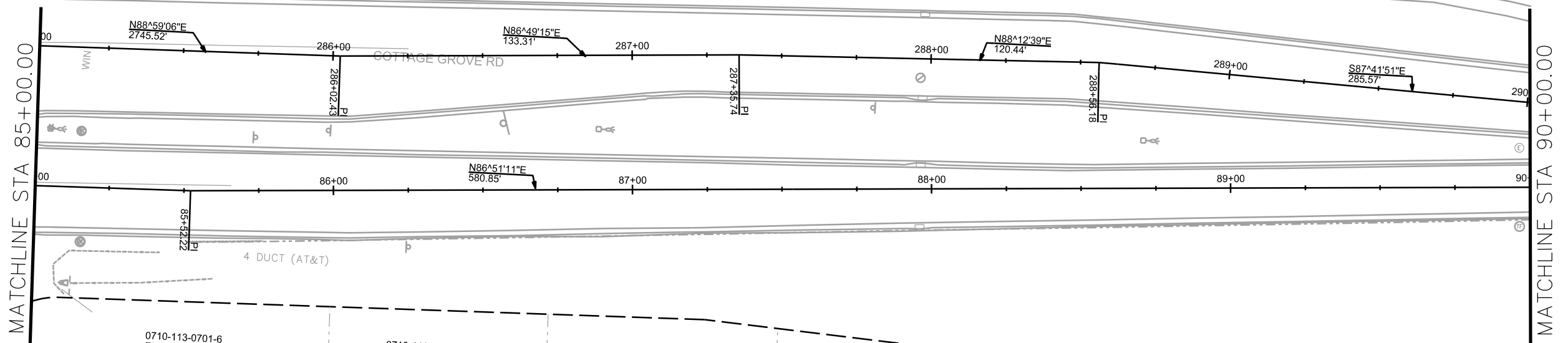


PLOT SCALE: _____
 PLOT NAME: _____
 REV. DATE: _____
 ORIGINATOR: CITY OF MADISON, STREETS DIVISION



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

PLAN AND PROFILE
E.B. COTTAGE GROVE RD CITY OF MADISON



PLOT SCALE: _____

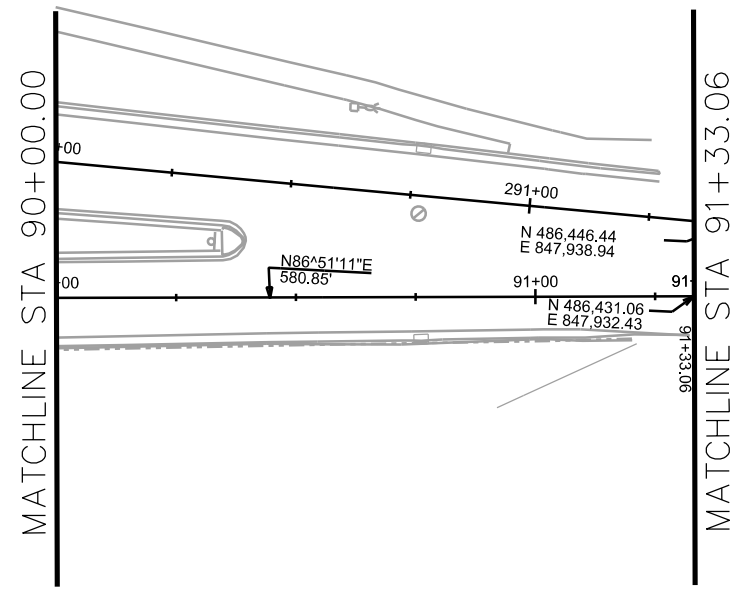
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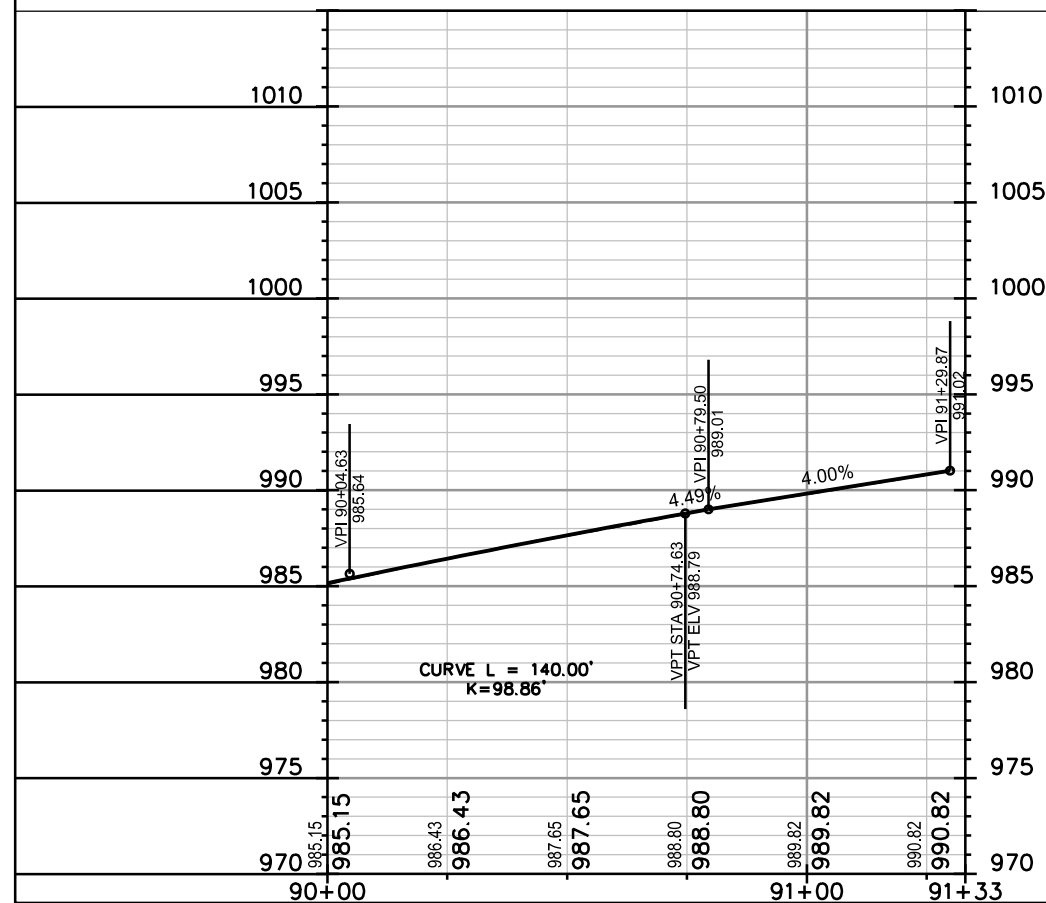
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

PLAN AND PROFILE

E.B. COTTAGE GROVE RD CITY OF MADISON



0710-113-0706-6
SCHROECKENTHALER, THOMAS
& JILL SCHROECKENTHALER
118 Emma Ct



PLOT SCALE: _____

PLOT NAME: _____

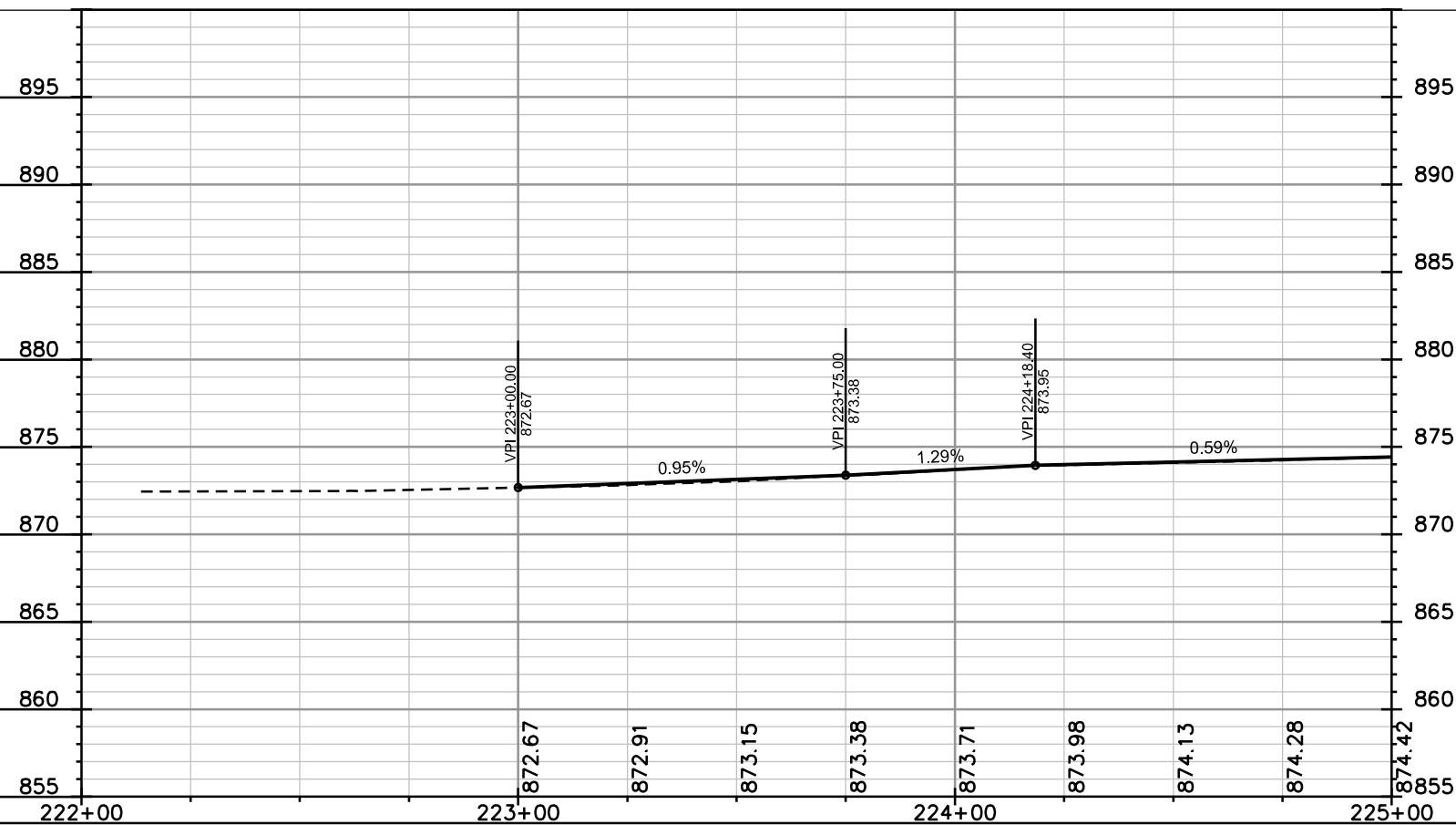
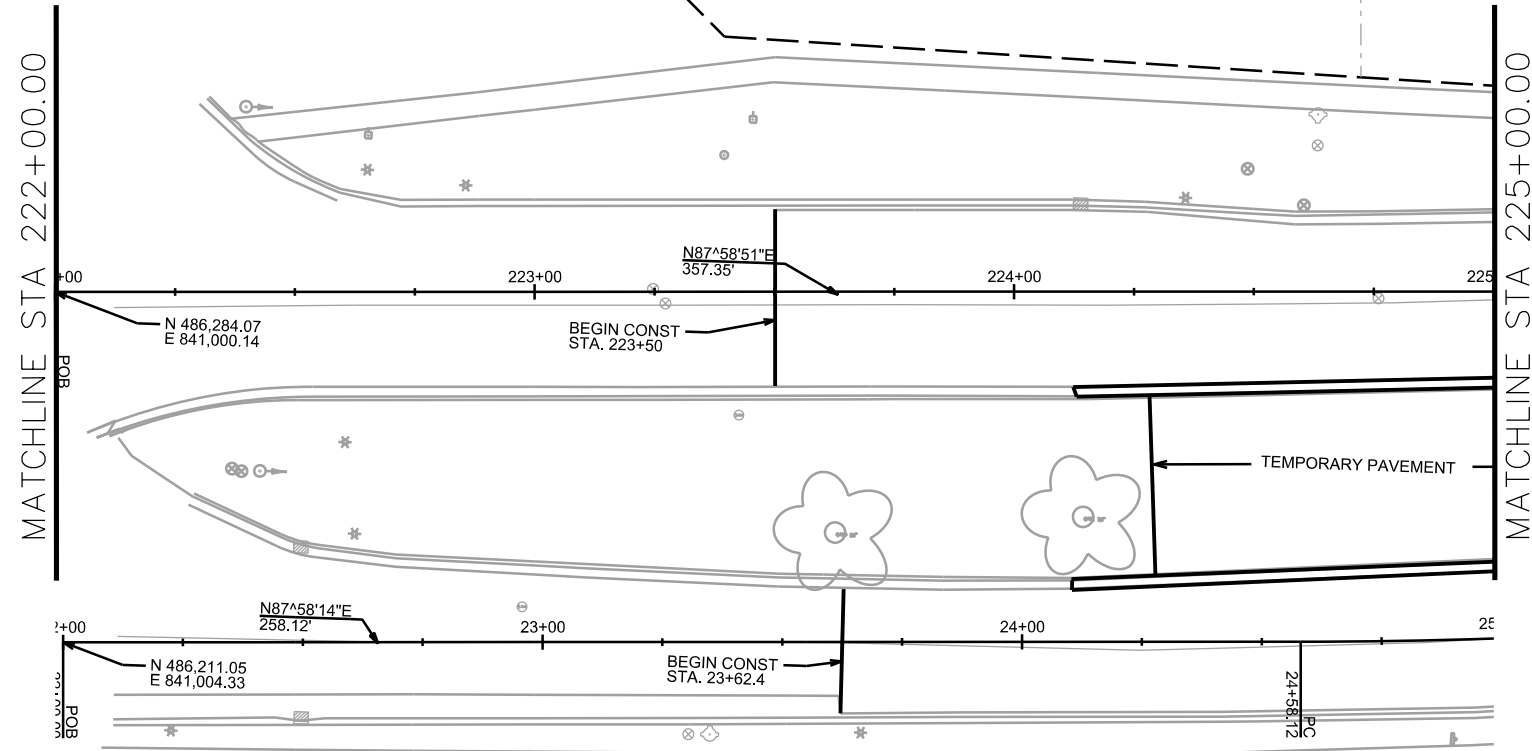
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ORIGINATOR: CITY OF MADISON, STREETS DIVISION

PLAN AND PROFILE
 W.B. COTTAGE GROVE RD CITY OF MADISON



0710-091-0203-0
 BECKS ENTERPRISES OF DANE
 COUNTY LLC
 802 Atlas Ave



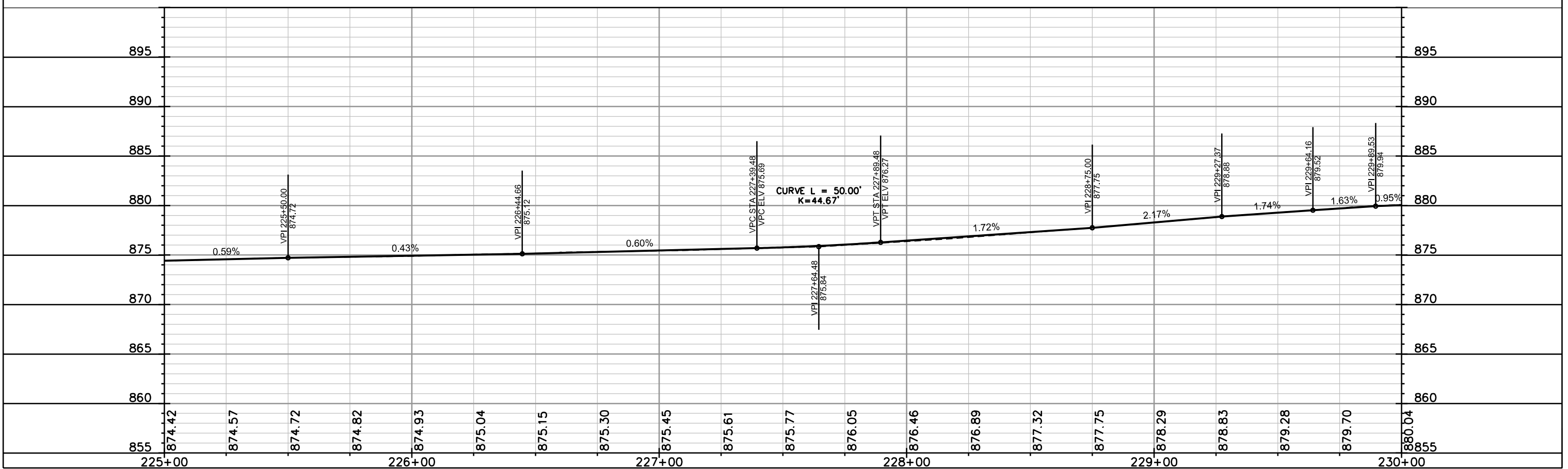
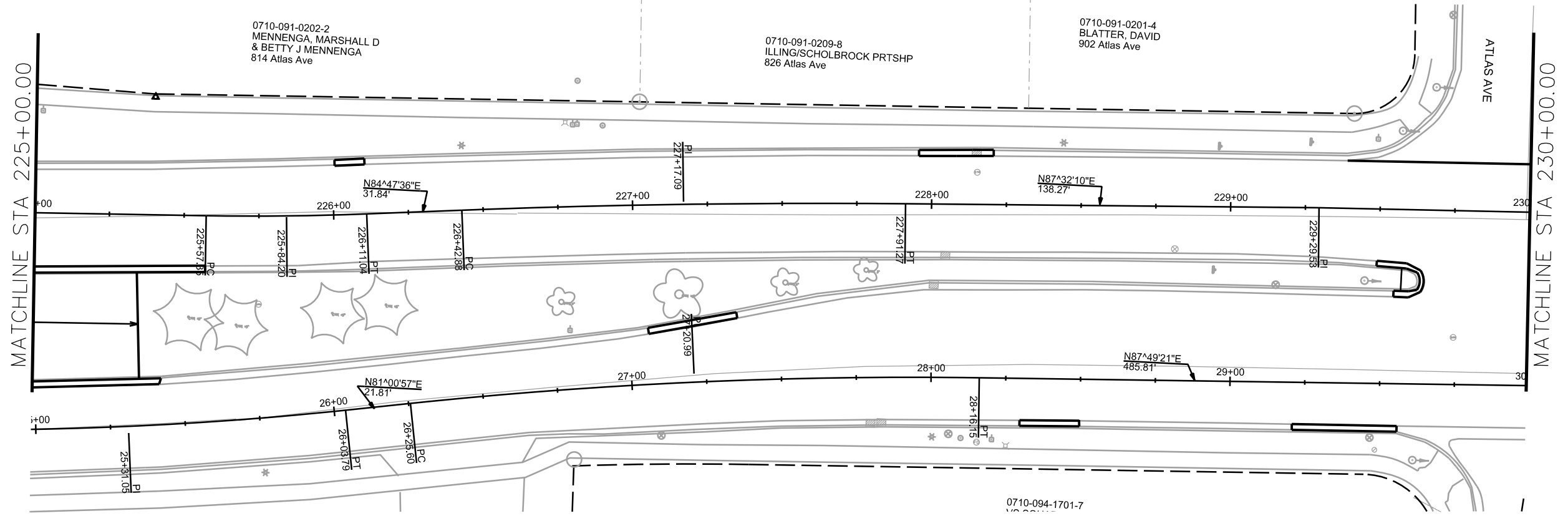
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ORIGINATOR: CITY OF MADISON, STREETS DIVISION

PLAN AND PROFILE
 W.B. COTTAGE GROVE RD CITY OF MADISON

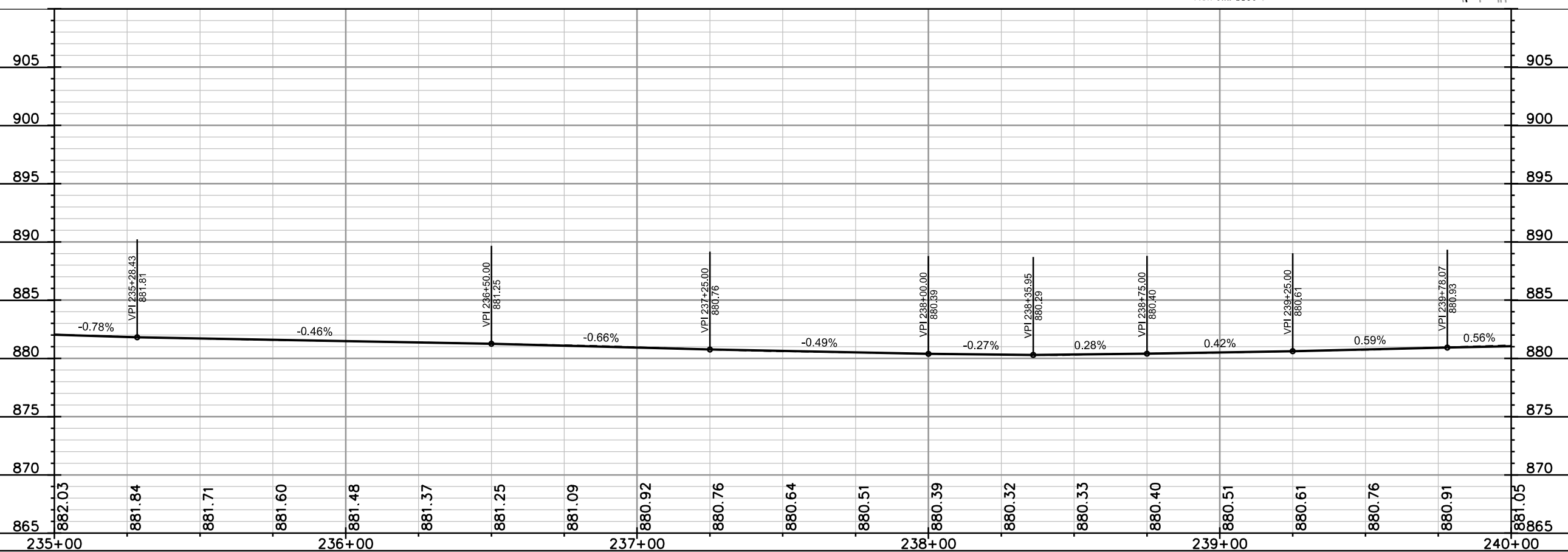
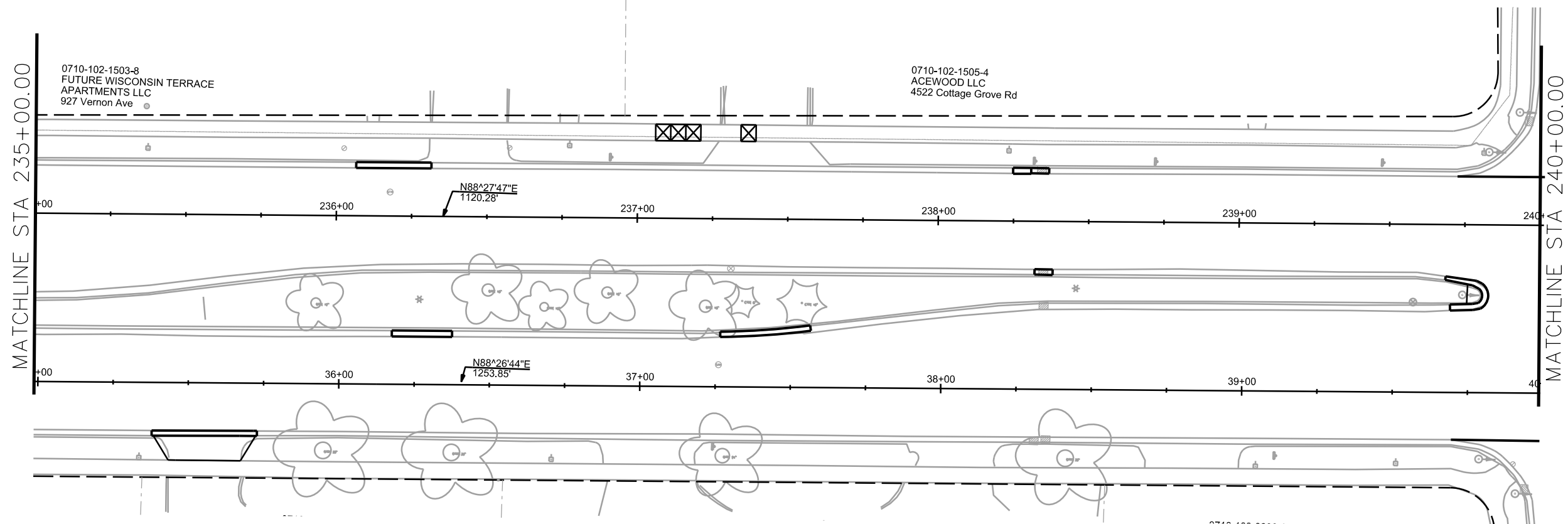


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PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



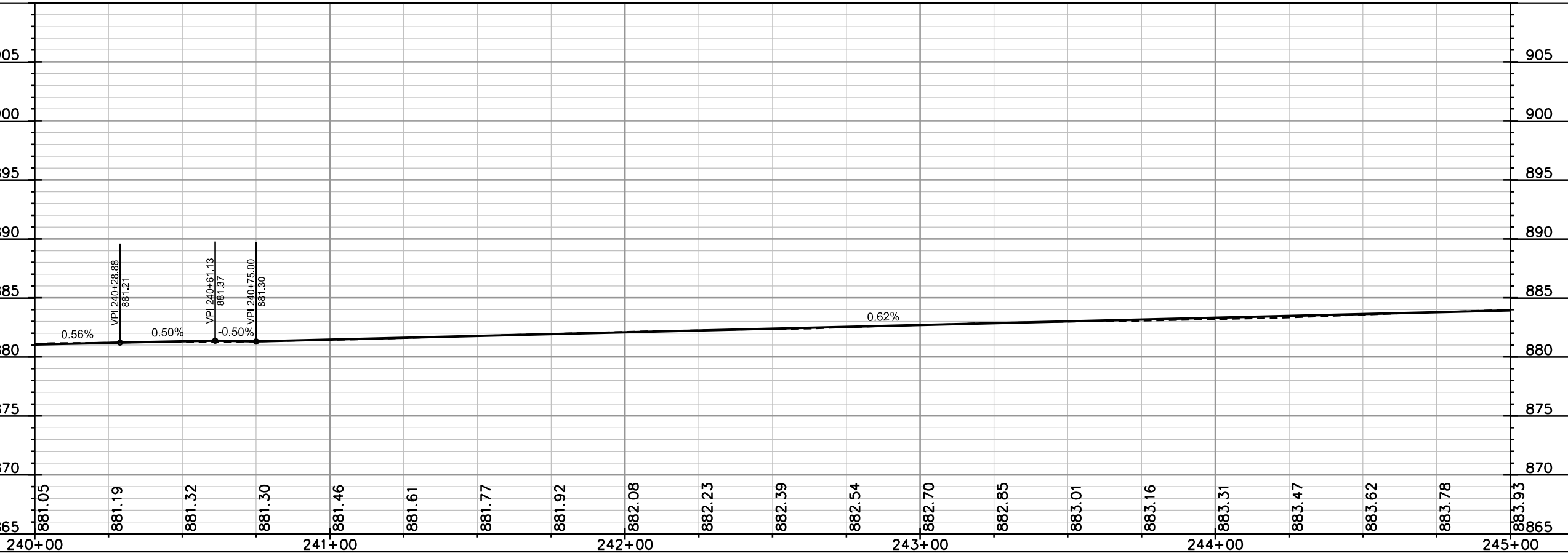
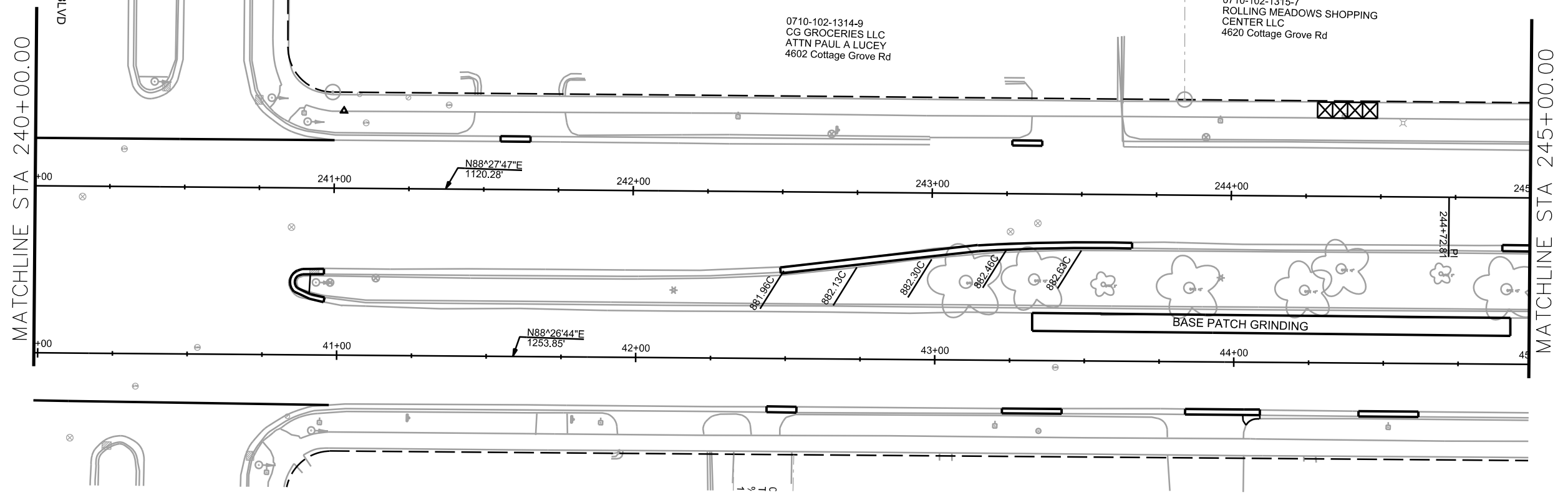
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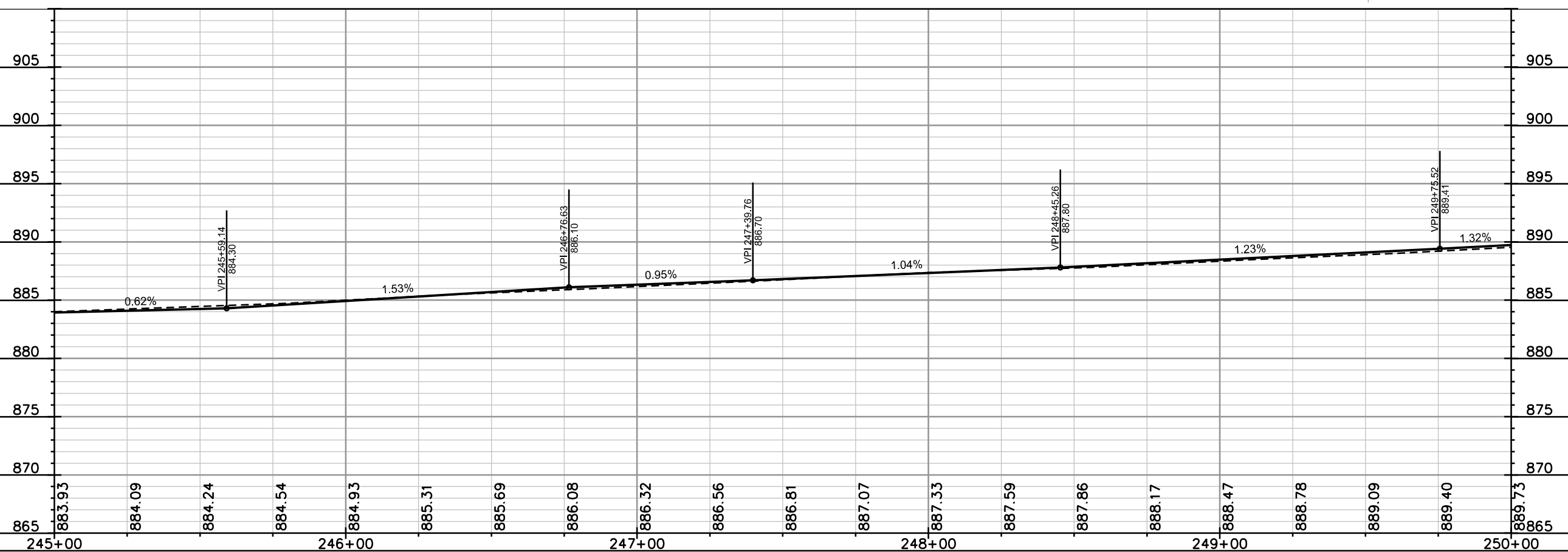
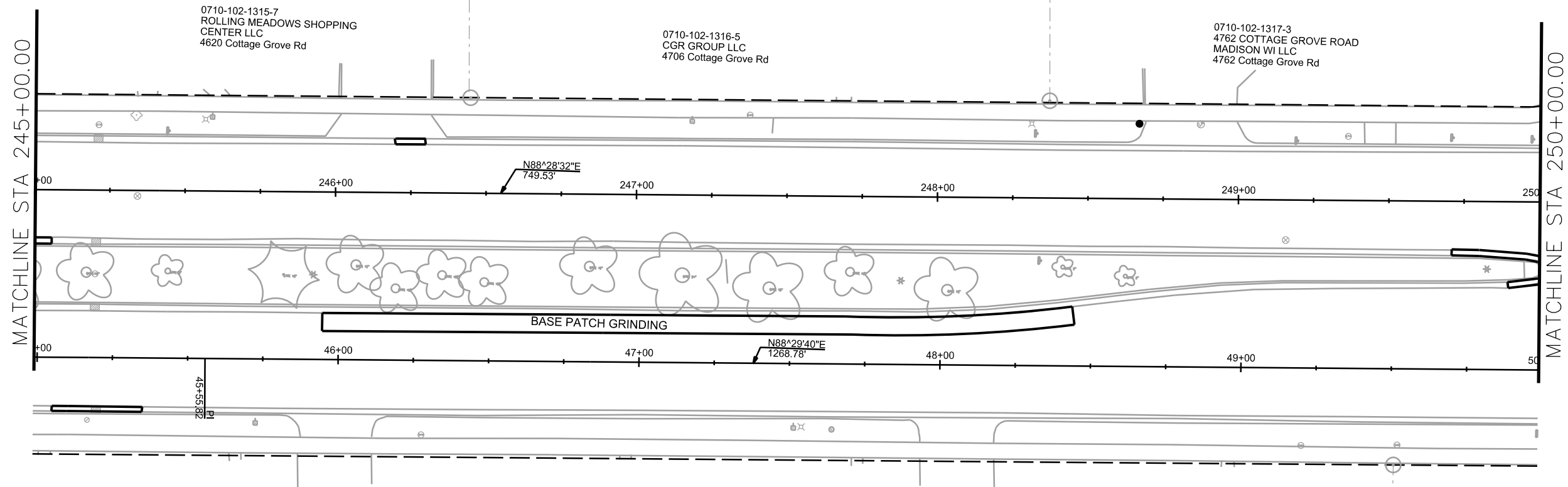
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ORIGINATOR: CITY OF MADISON, STREETS DIVISION

PLAN AND PROFILE
 W.B. COTTAGE GROVE RD CITY OF MADISON



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



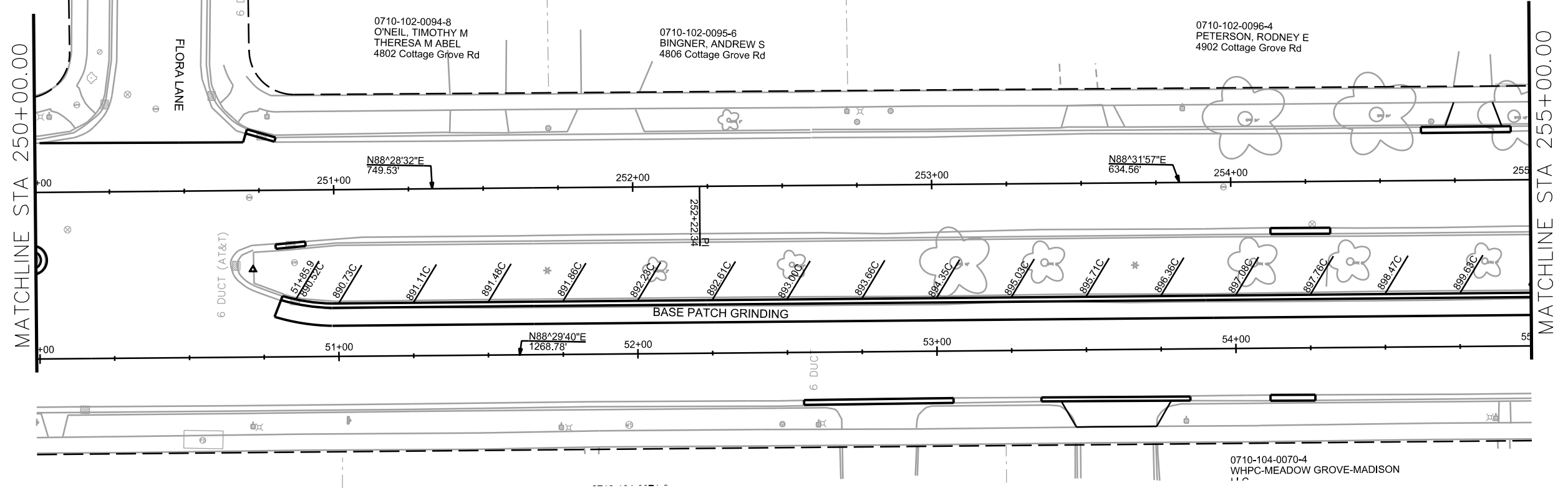
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REV. DATE: _____

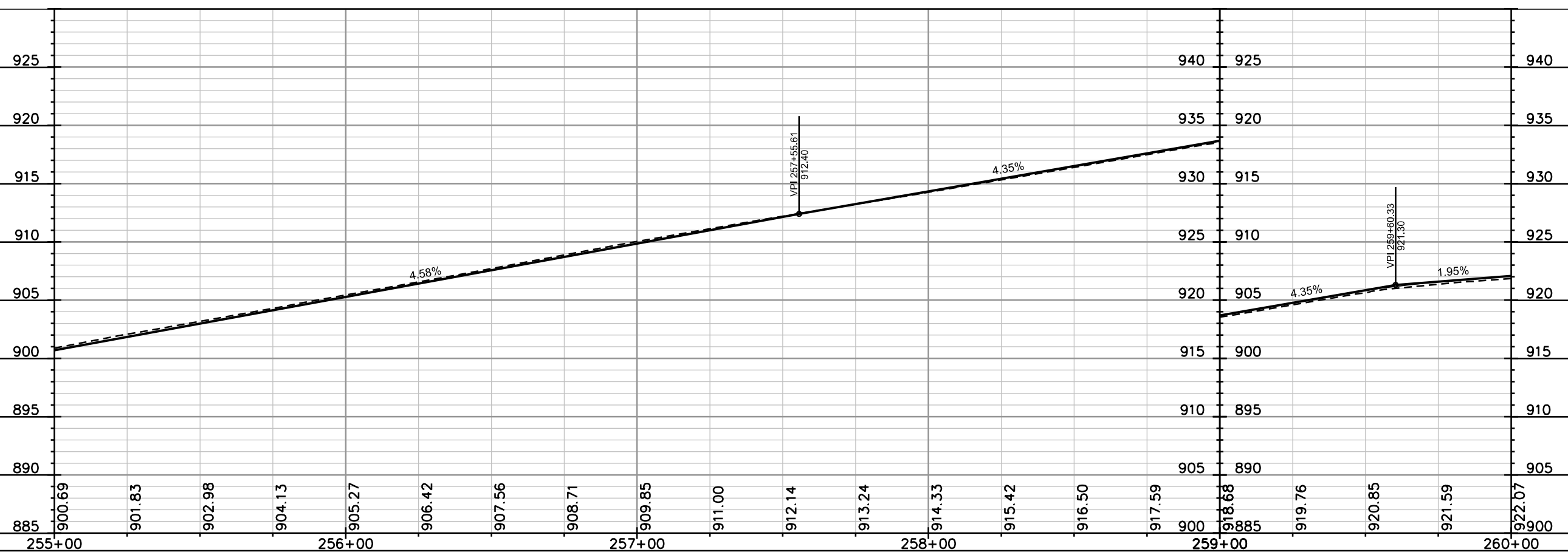
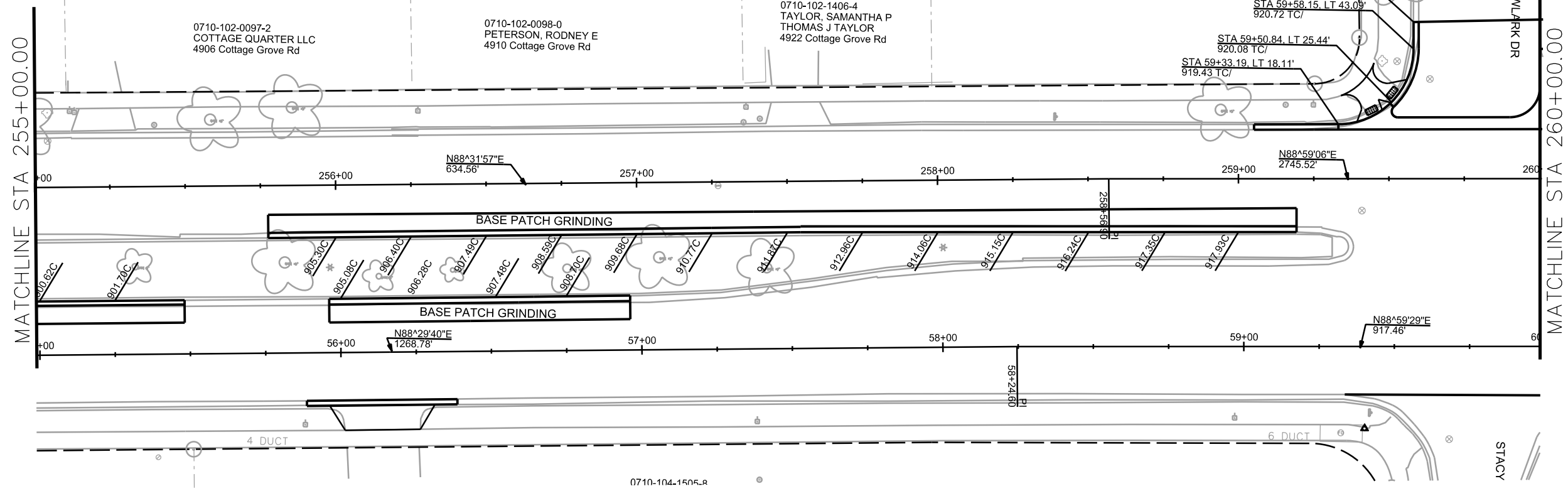
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

PLAN AND PROFILE
 W.B. COTTAGE GROVE RD CITY OF MADISON



PLOT SCALE: _____
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 ORIGINATOR: CITY OF MADISON, STREETS DIVISION

PLAN AND PROFILE
 W.B. COTTAGE GROVE RD CITY OF MADISON



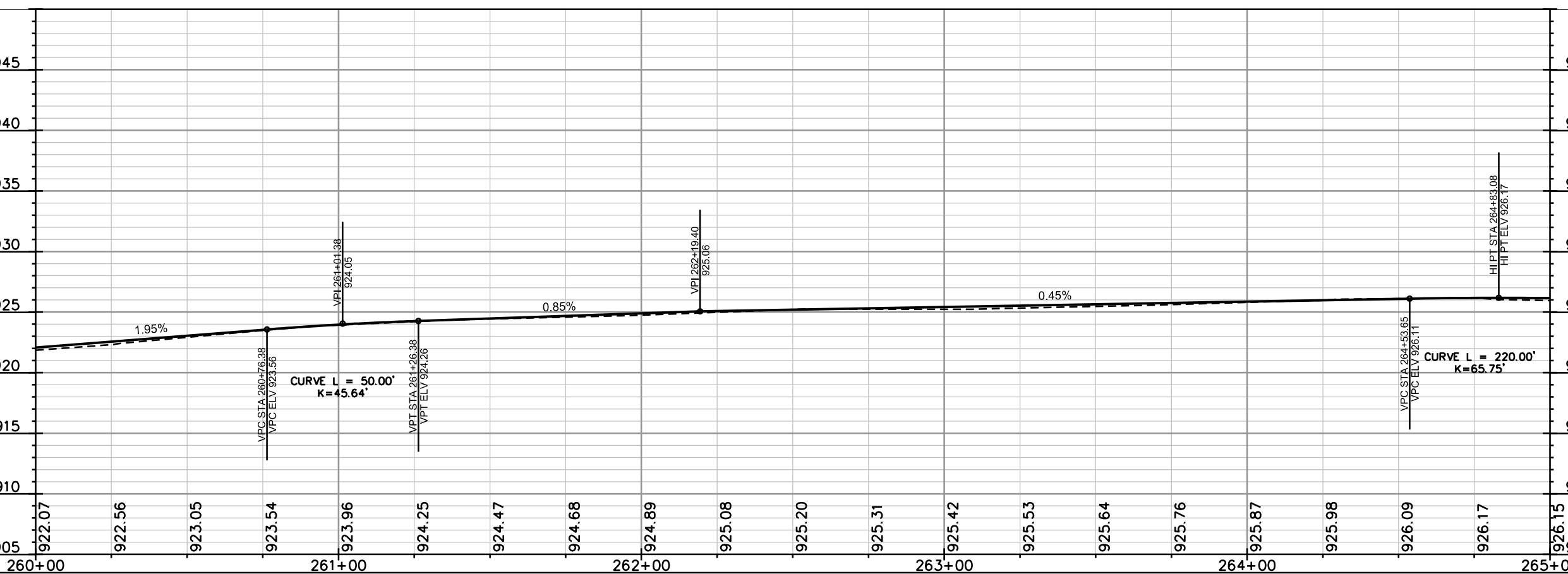
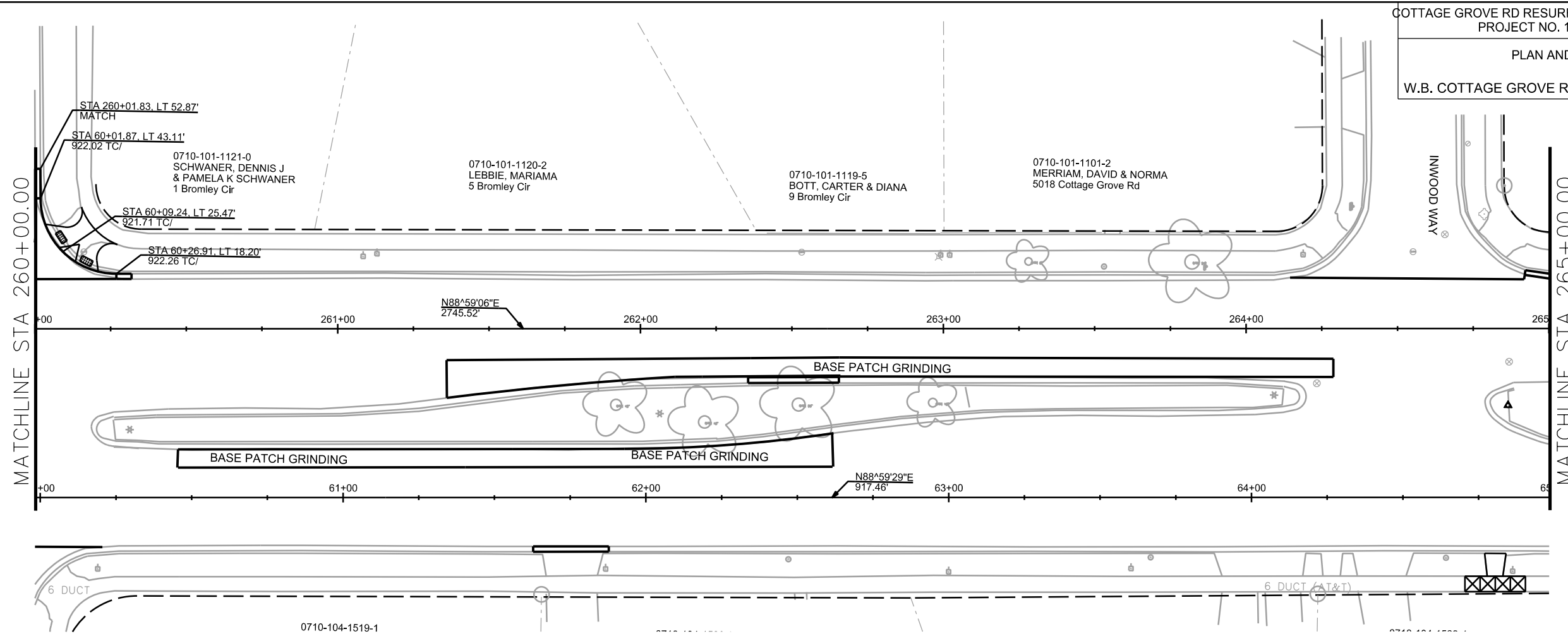
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REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

PLAN AND PROFILE
 W.B. COTTAGE GROVE RD. CITY OF MADISON

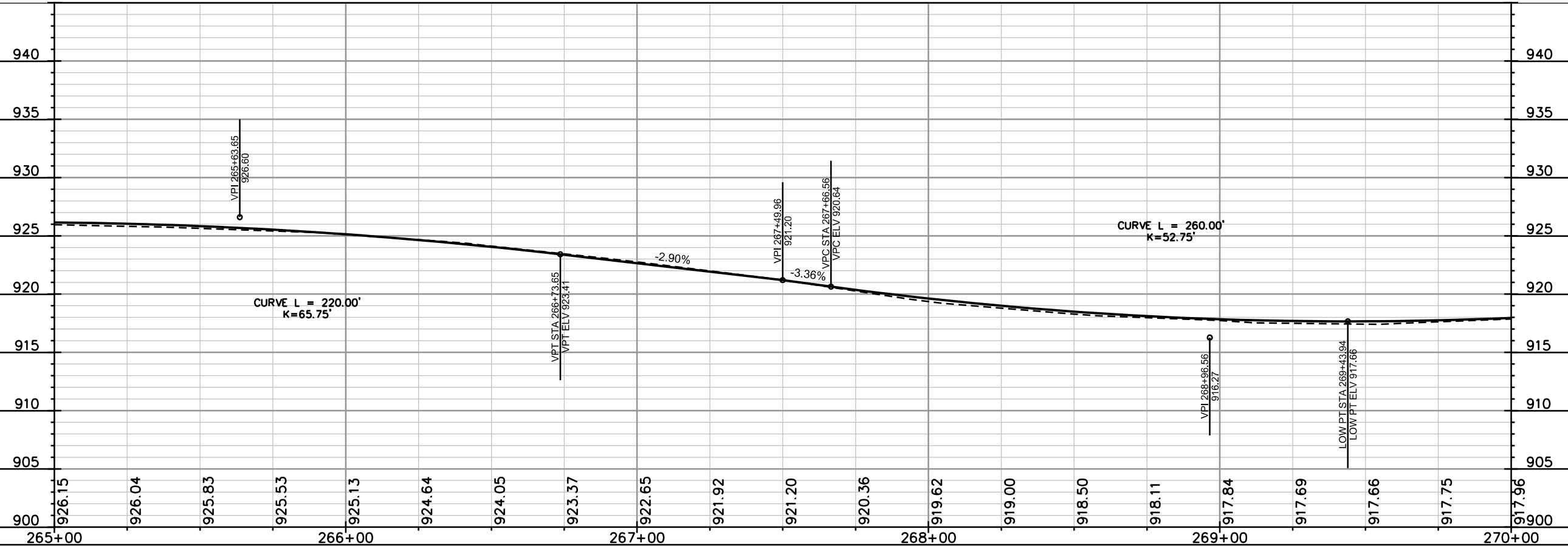
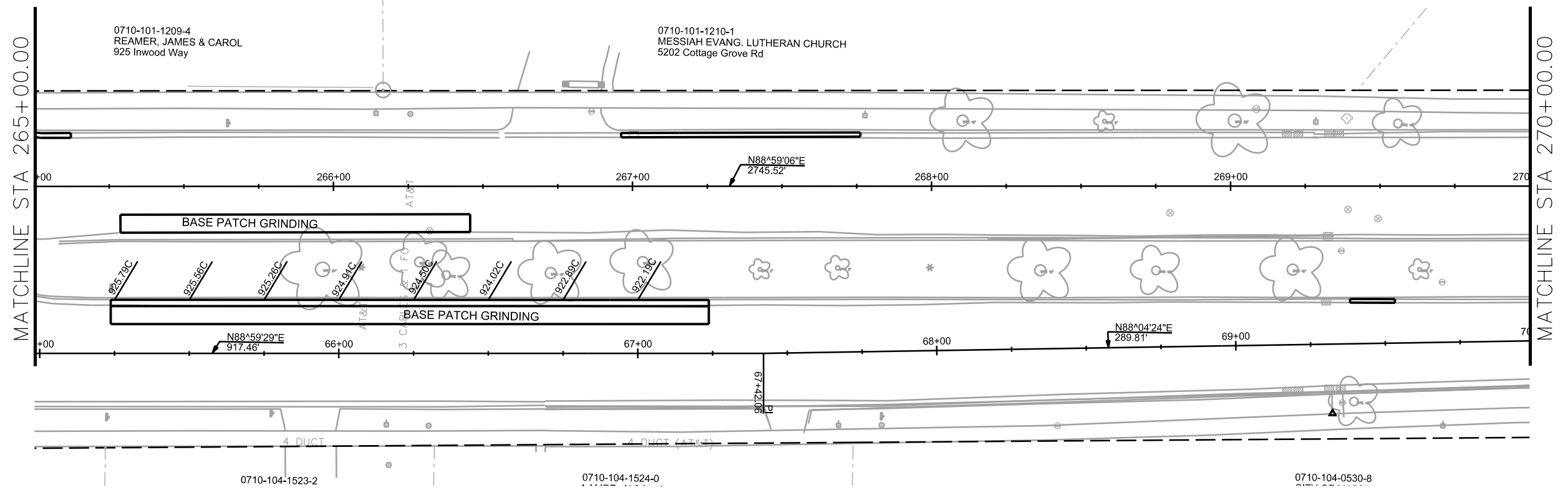


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REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

PLAN AND PROFILE
 W.B. COTTAGE GROVE RD. CITY OF MADISON



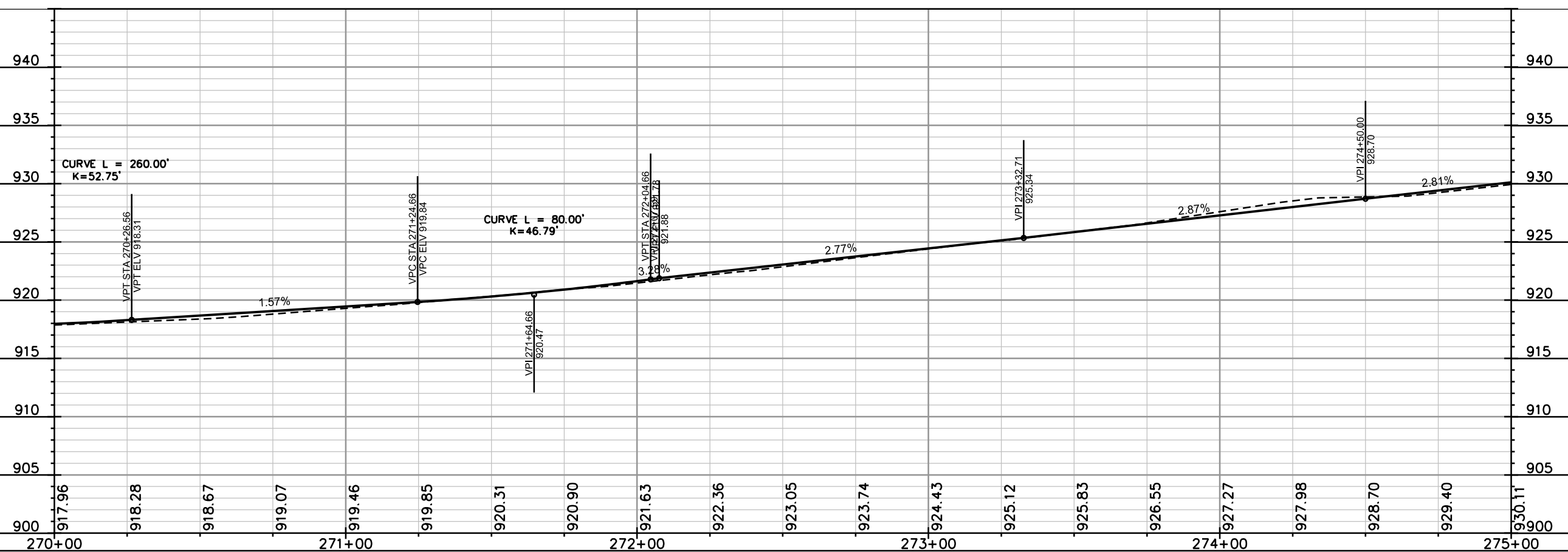
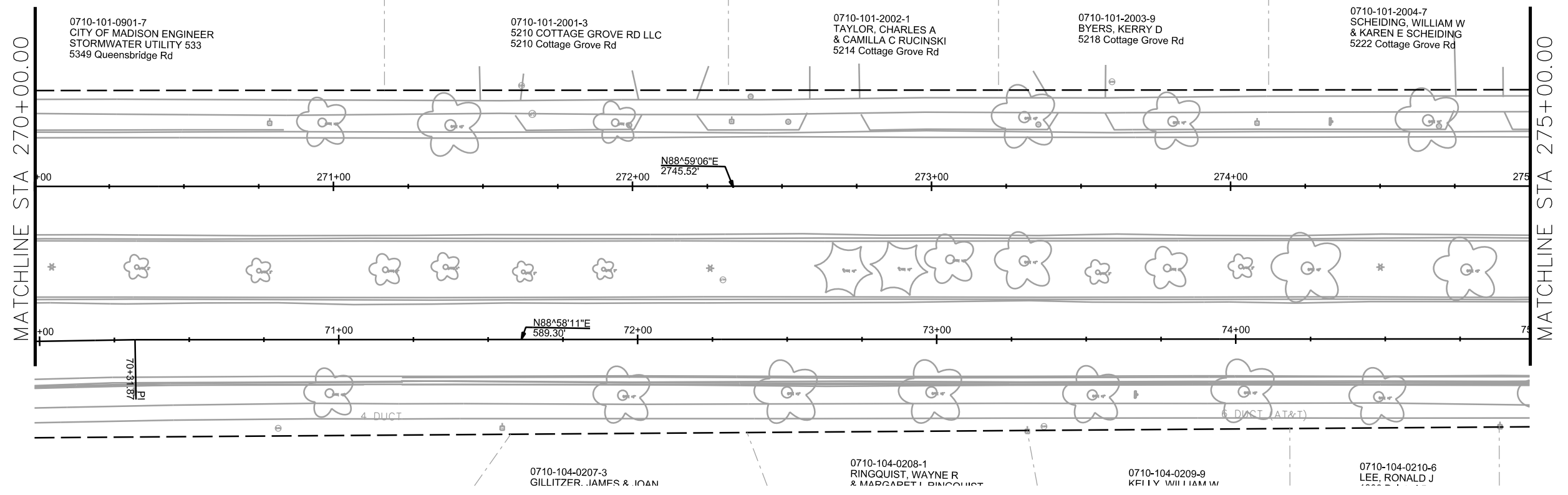
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REV. DATE: _____

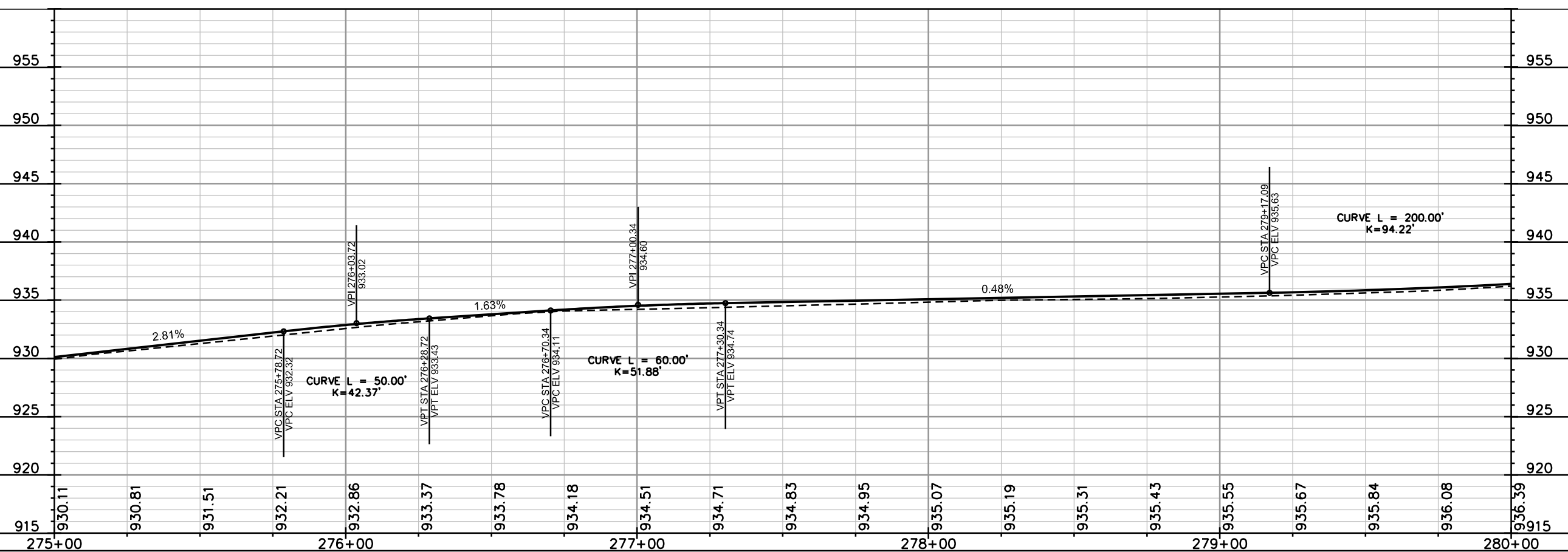
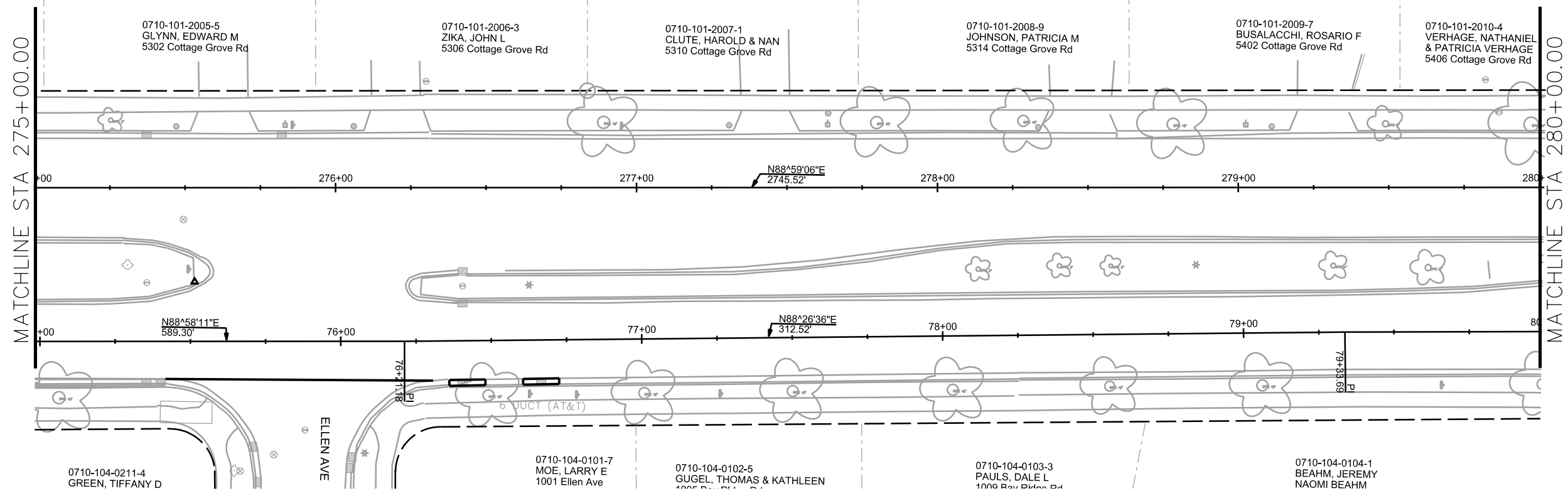
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

PLAN AND PROFILE
 W.B. COTTAGE GROVE RD CITY OF MADISON



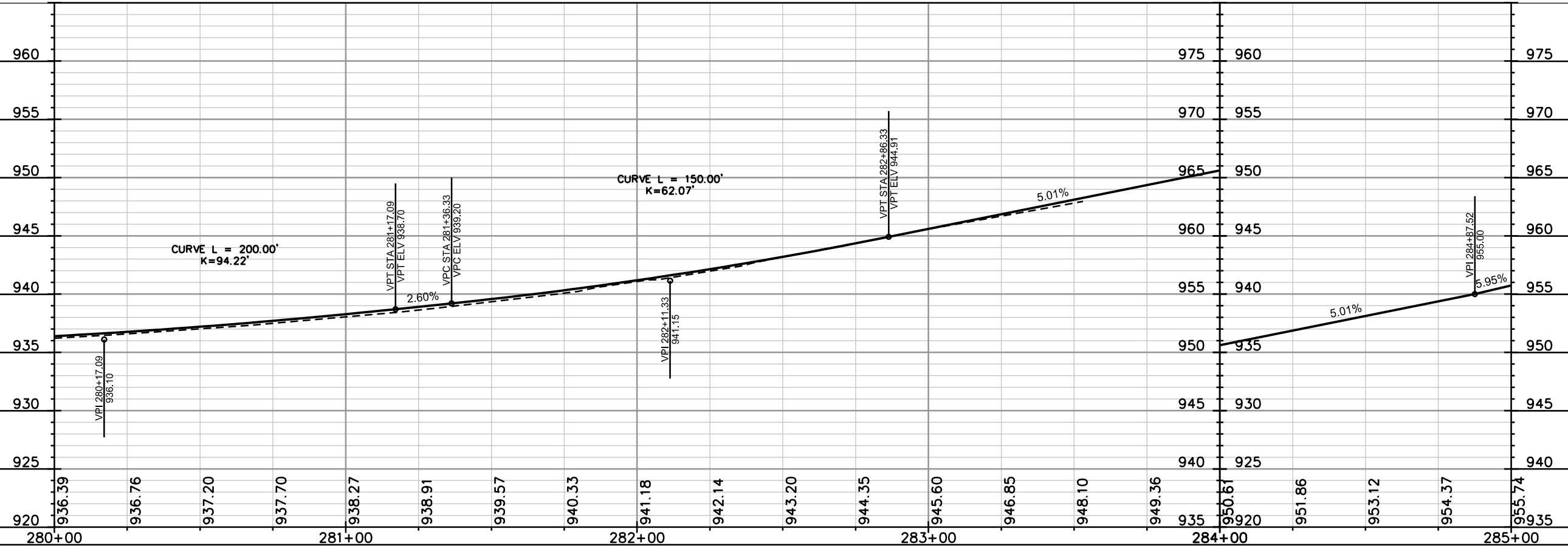
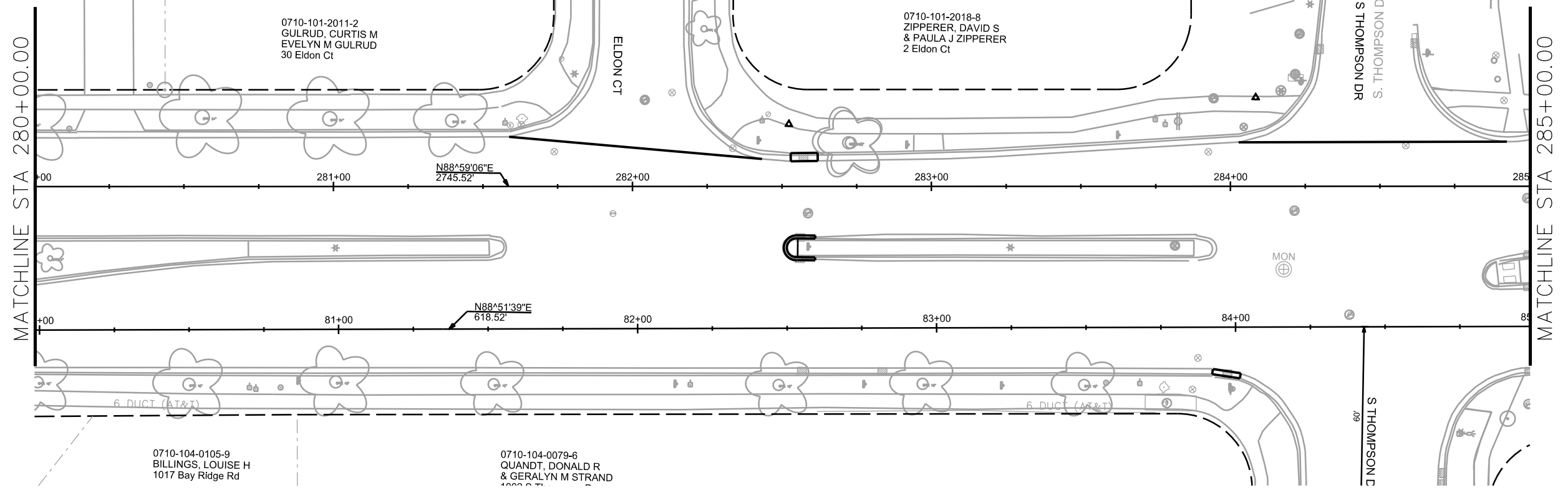
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 PLOT NAME: _____
 REV. DATE: _____
 ORIGINATOR: CITY OF MADISON, STREETS DIVISION

PLAN AND PROFILE
 W.B. COTTAGE GROVE RD CITY OF MADISON



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

PLAN AND PROFILE
 W.B. COTTAGE GROVE RD CITY OF MADISON



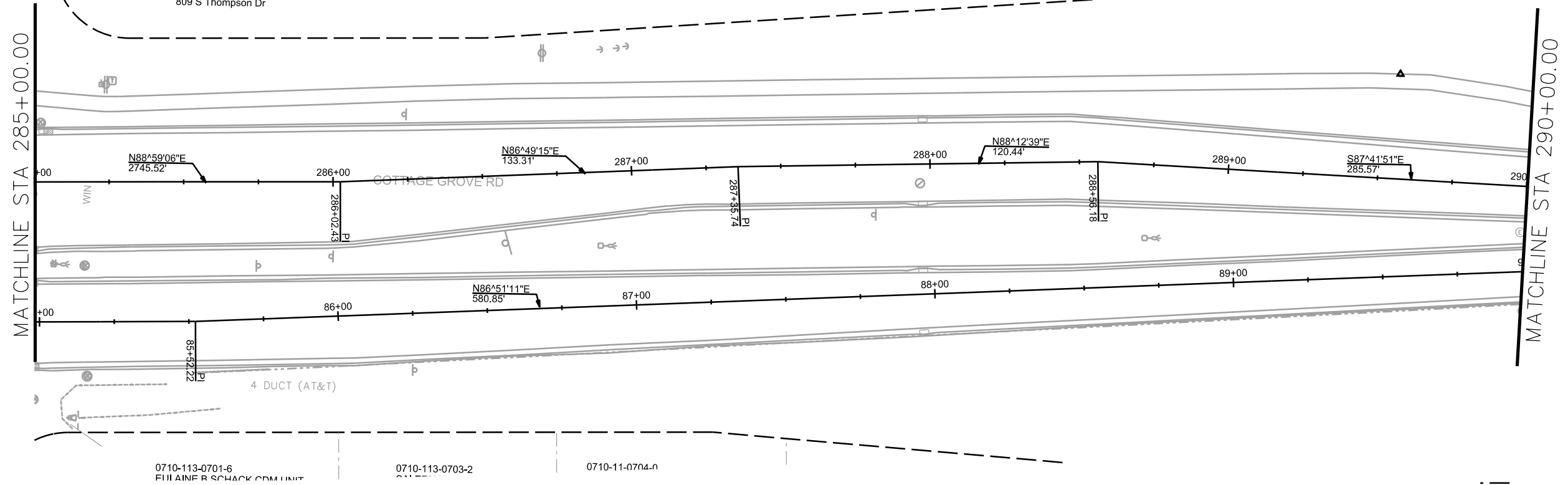
PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



0710-112-0099-7
CITY OF MADISON POLICE
EAST DISTRICT STATION
809 S Thompson Dr



0710-113-0701-6
FILL AINER SCHACK CDM UNIT

0710-113-0703-2

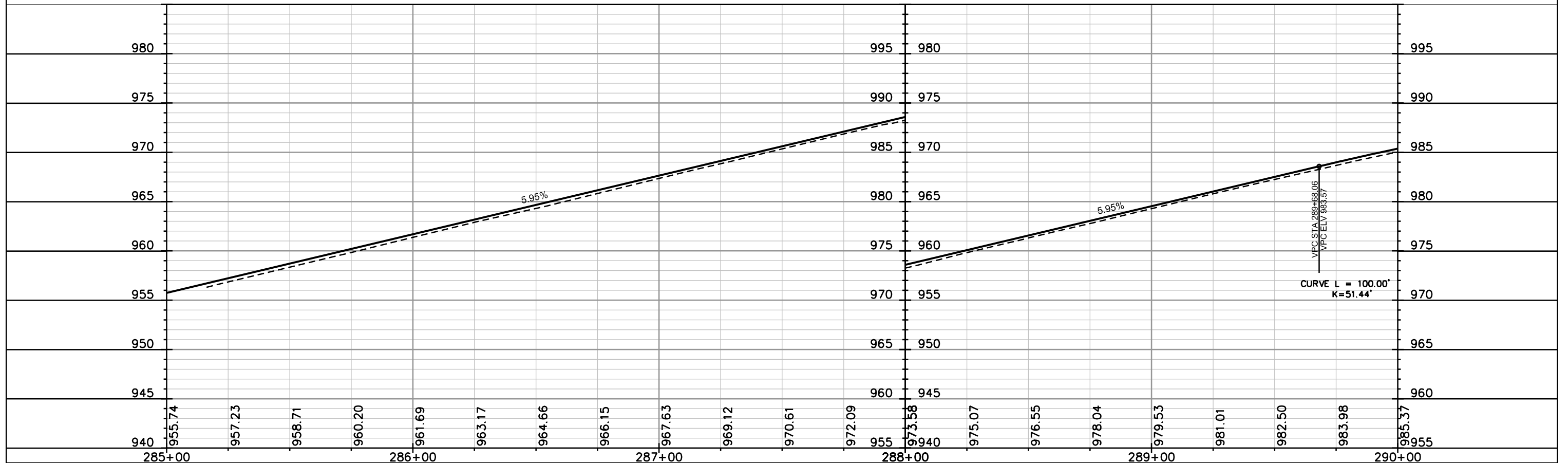
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PLOT SCALE: _____

PLOT NAME: _____

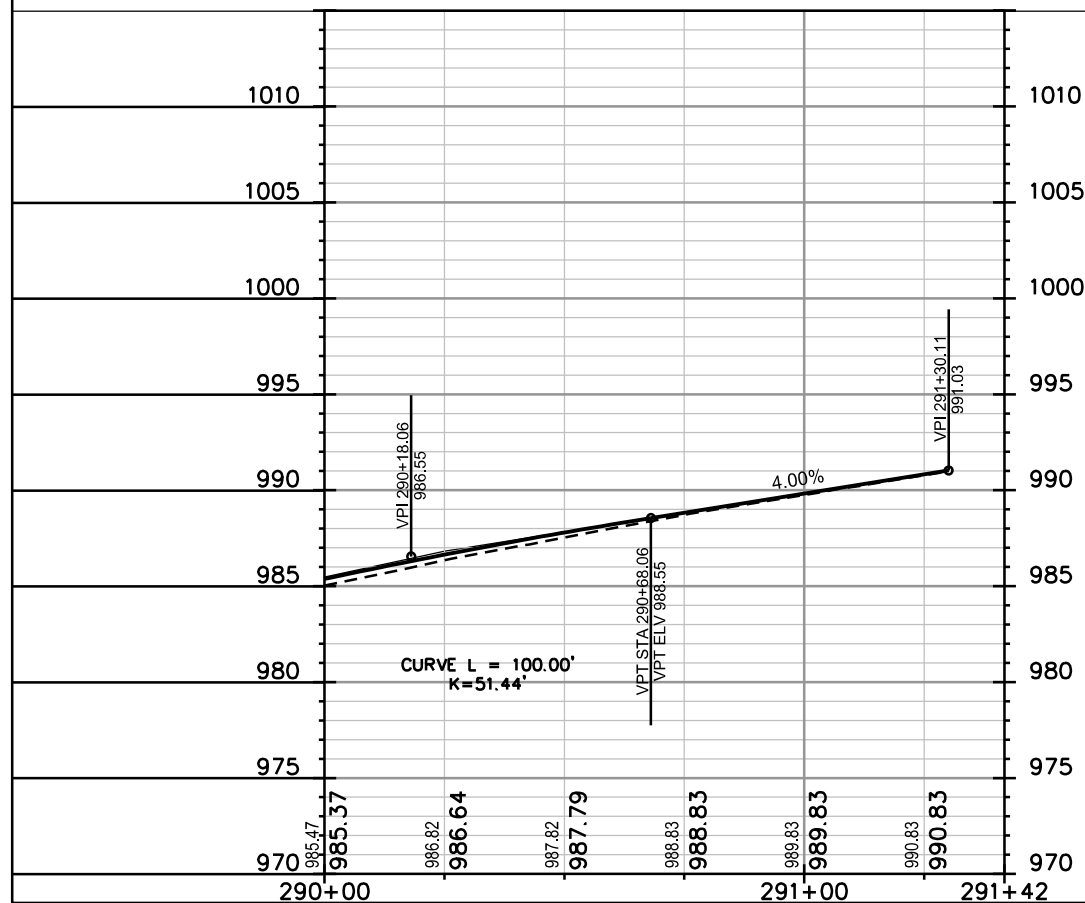
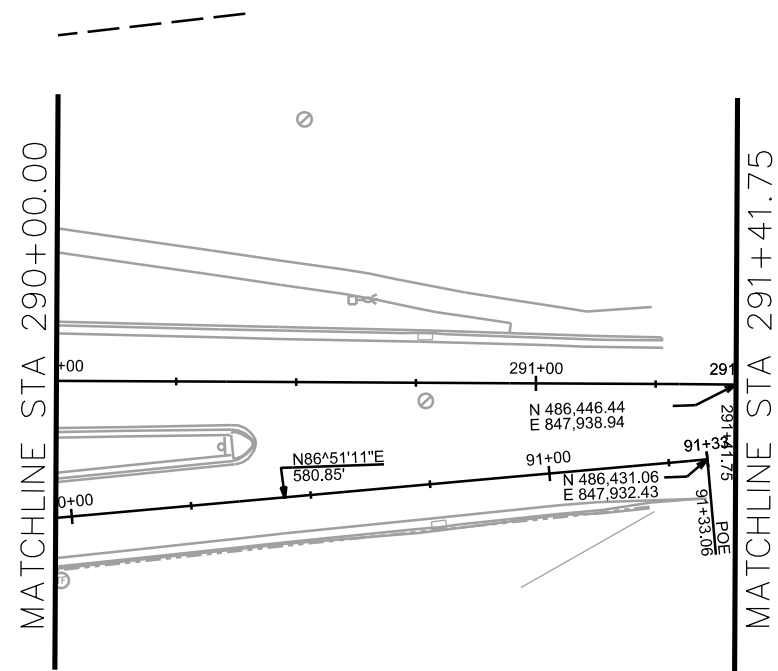
REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



PLAN AND PROFILE

W.B. COTTAGE GROVE RD. CITY OF MADISON



PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



LEGEND	
	Sign
	Traffic Flow
	Arrow Board
	Barrel
	Work Zone
	Barricade
	Pavement Marking Removal

PLOT SCALE:

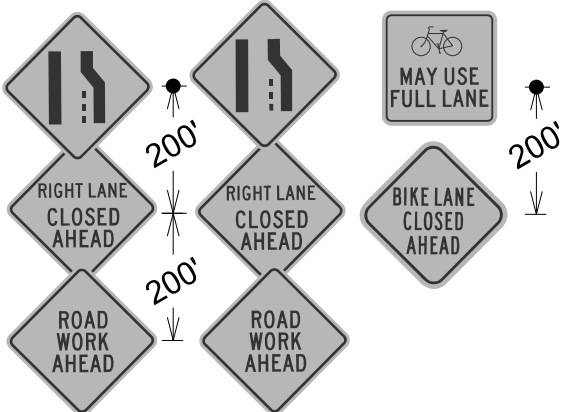
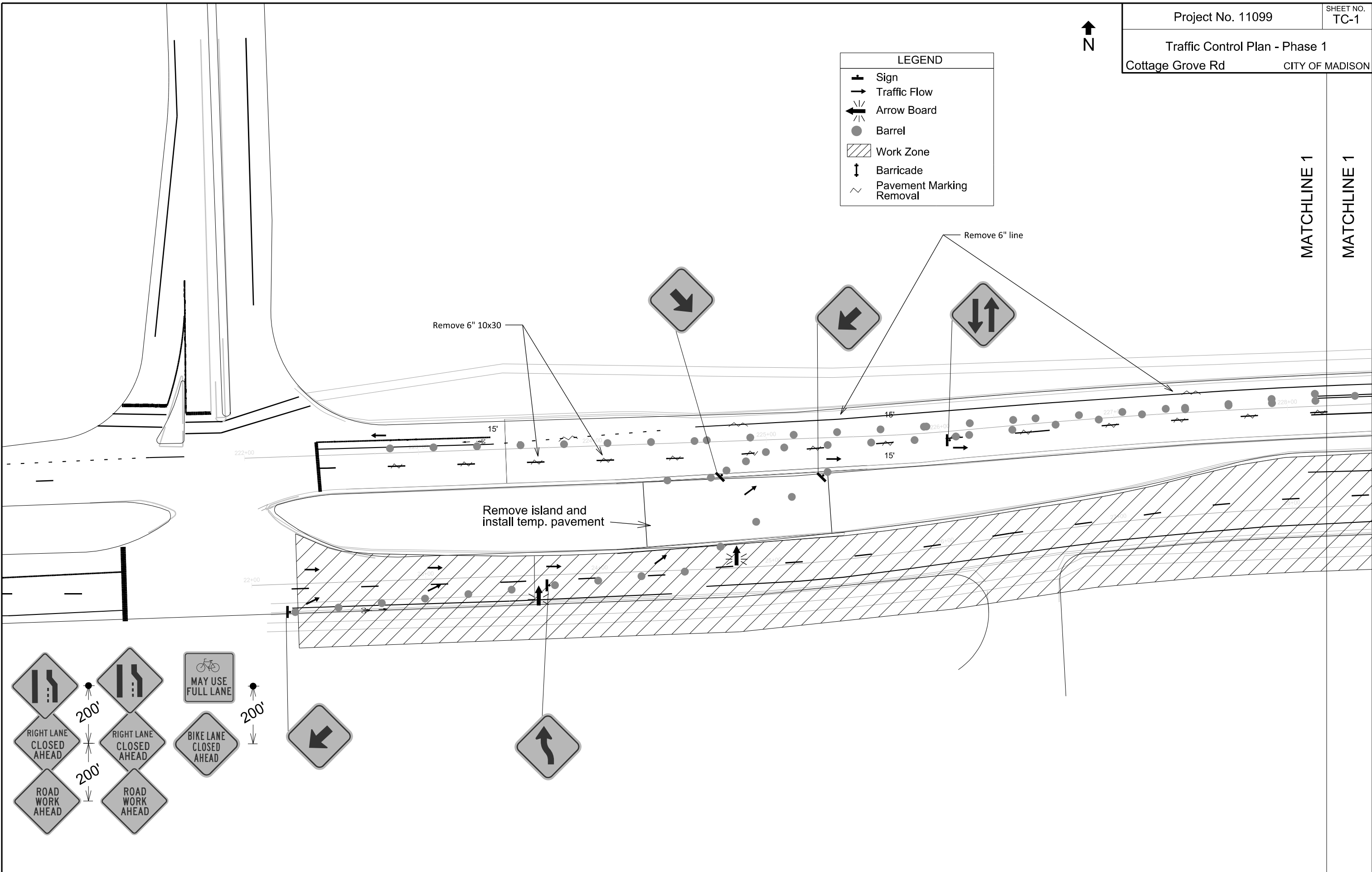
PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.

MATCHLINE 1

MATCHLINE 1



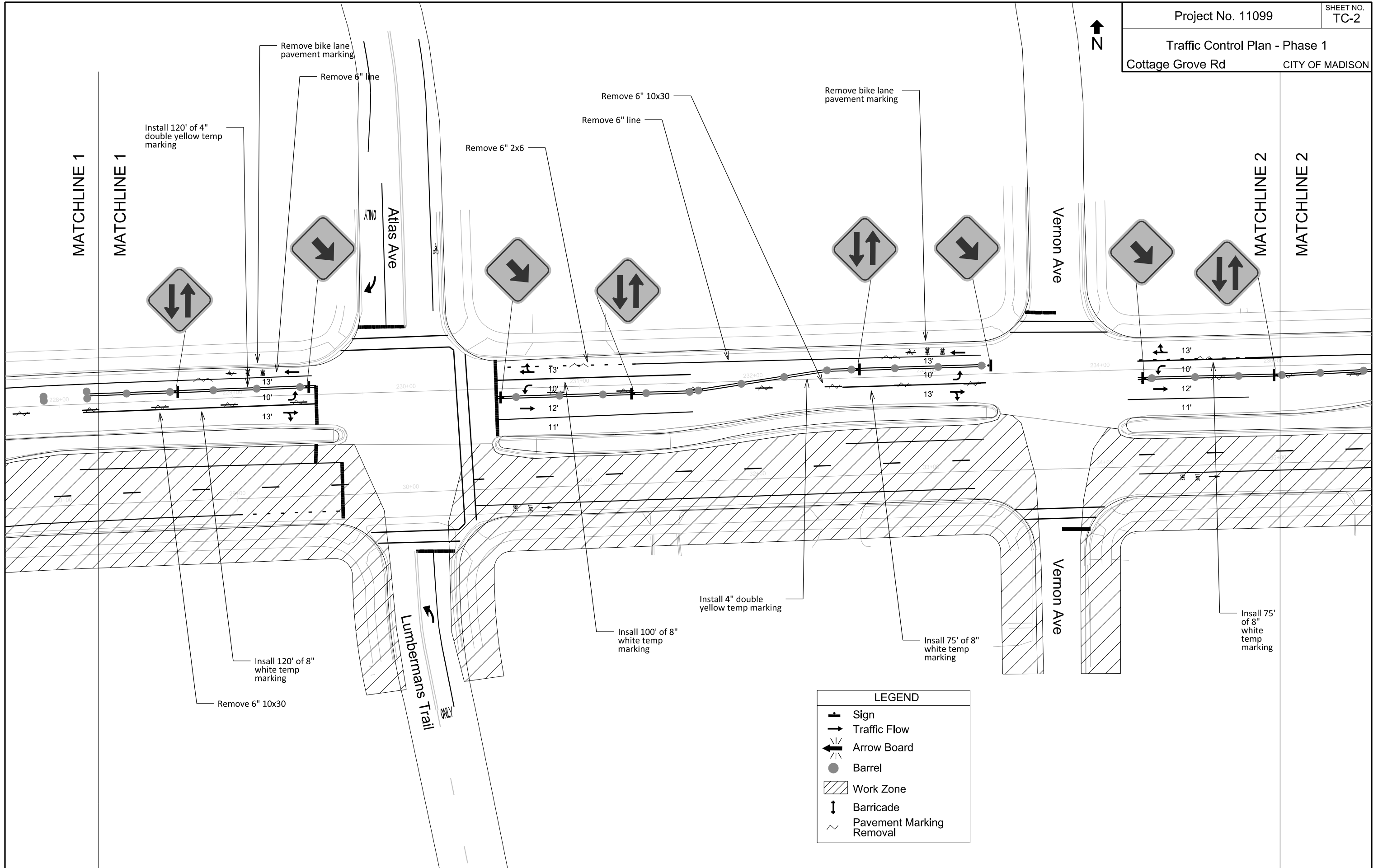


PLOT SCALE:

PLOT NAME:

REV. DATE:

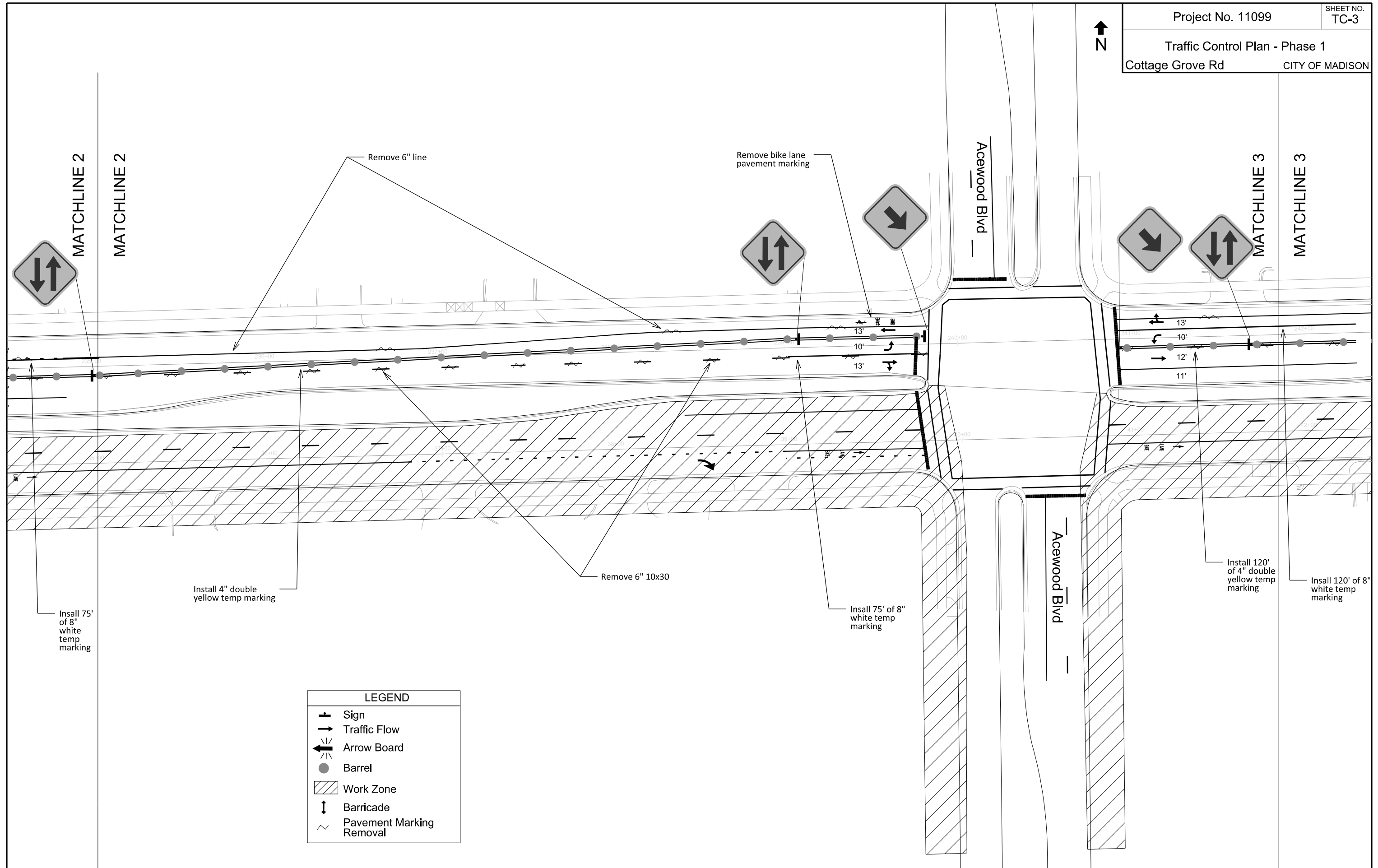
ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.



LEGEND	
	Sign
	Traffic Flow
	Arrow Board
	Barrel
	Work Zone
	Barricade
	Pavement Marking Removal



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



LEGEND	
	Sign
	Traffic Flow
	Arrow Board
	Barrel
	Work Zone
	Barricade
	Pavement Marking Removal

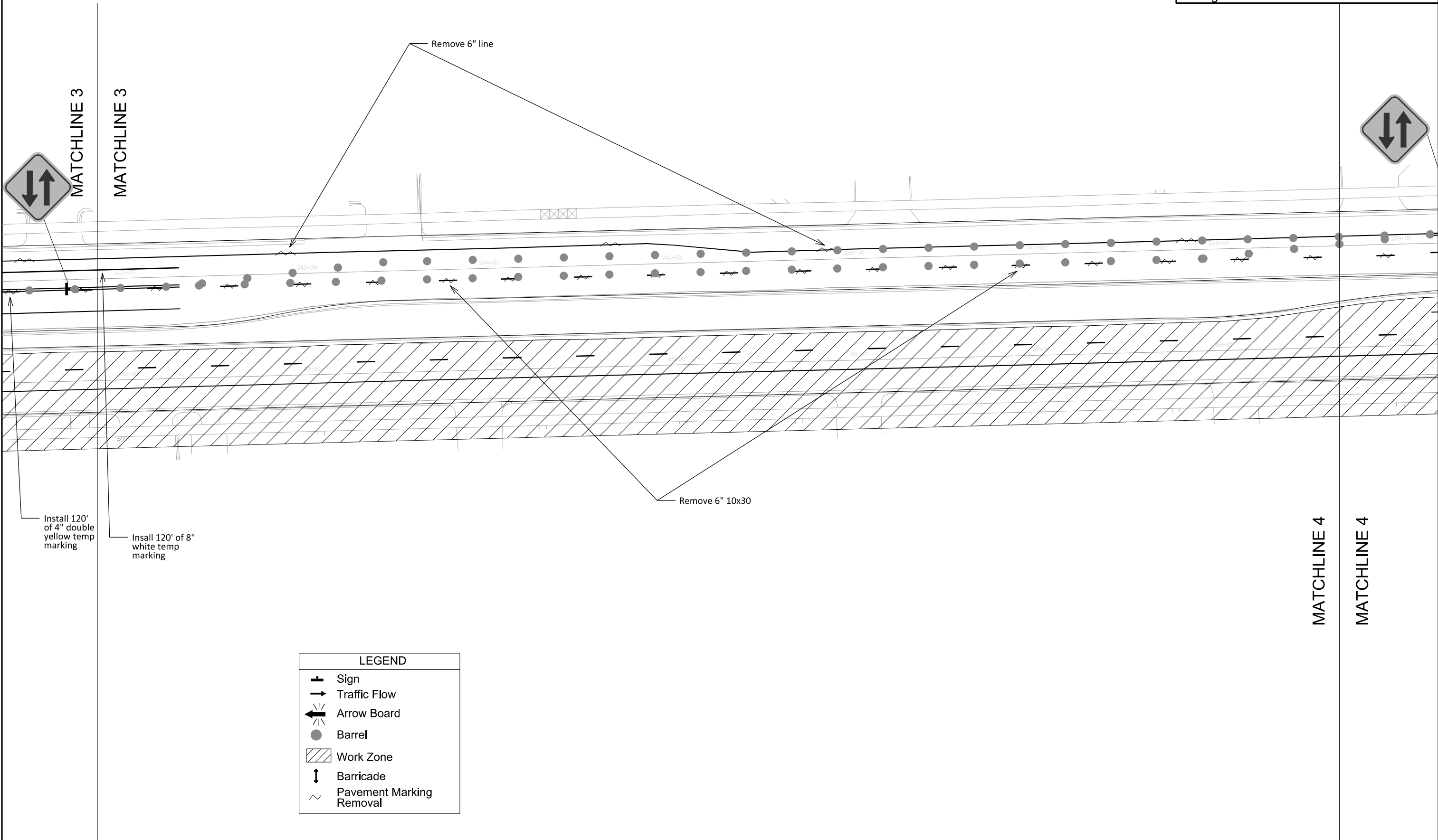


PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.



LEGEND	
	Sign
	Traffic Flow
	Arrow Board
	Barrel
	Work Zone
	Barricade
	Pavement Marking Removal



Flora Ln

MATCHLINE 5

MATCHLINE 5

MATCHLINE 4

MATCHLINE 4

Install 75' of 4" double yellow temp marking

Remove 6" 2x6

Remove 6" line

Remove 6" 10x30

Install 75' of 8" white temp marking

LEGEND	
	Sign
	Traffic Flow
	Arrow Board
	Barrel
	Work Zone
	Barricade
	Pavement Marking Removal

PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.



MATCHLINE 5

MATCHLINE 5

MATCHLINE 6

MATCHLINE 6

Meadowlark Dr

Stacy Ln

Remove 6" line

Install 60' of 4" double yellow temp marking

Remove 6" 2x6

Install 4" double yellow temp marking

Remove 6" 10x30

Install 60' of 8" white temp marking

Install 75' of 8" white temp marking

LEGEND	
	Sign
	Traffic Flow
	Arrow Board
	Barrel
	Work Zone
	Barricade
	Pavement Marking Removal

PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.



MATCHLINE 6
MATCHLINE 6

MATCHLINE 7
MATCHLINE 7

Inwood Way

Install 4" double yellow temp marking

Remove 6" 2x6

Remove 6" line

Remove 6" 10x30

Install 50' of 8" white temp marking

LEGEND	
	Sign
	Traffic Flow
	Arrow Board
	Barrel
	Work Zone
	Barricade
	Pavement Marking Removal

PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.



MATCHLINE 7

MATCHLINE 7

MATCHLINE 8

MATCHLINE 8

Ellen Ave

Remove 6" line

Remove 6" 2x6

Remove 6" 10x30

LEGEND	
	Sign
	Traffic Flow
	Arrow Board
	Barrel
	Work Zone
	Barricade
	Pavement Marking Removal

PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.

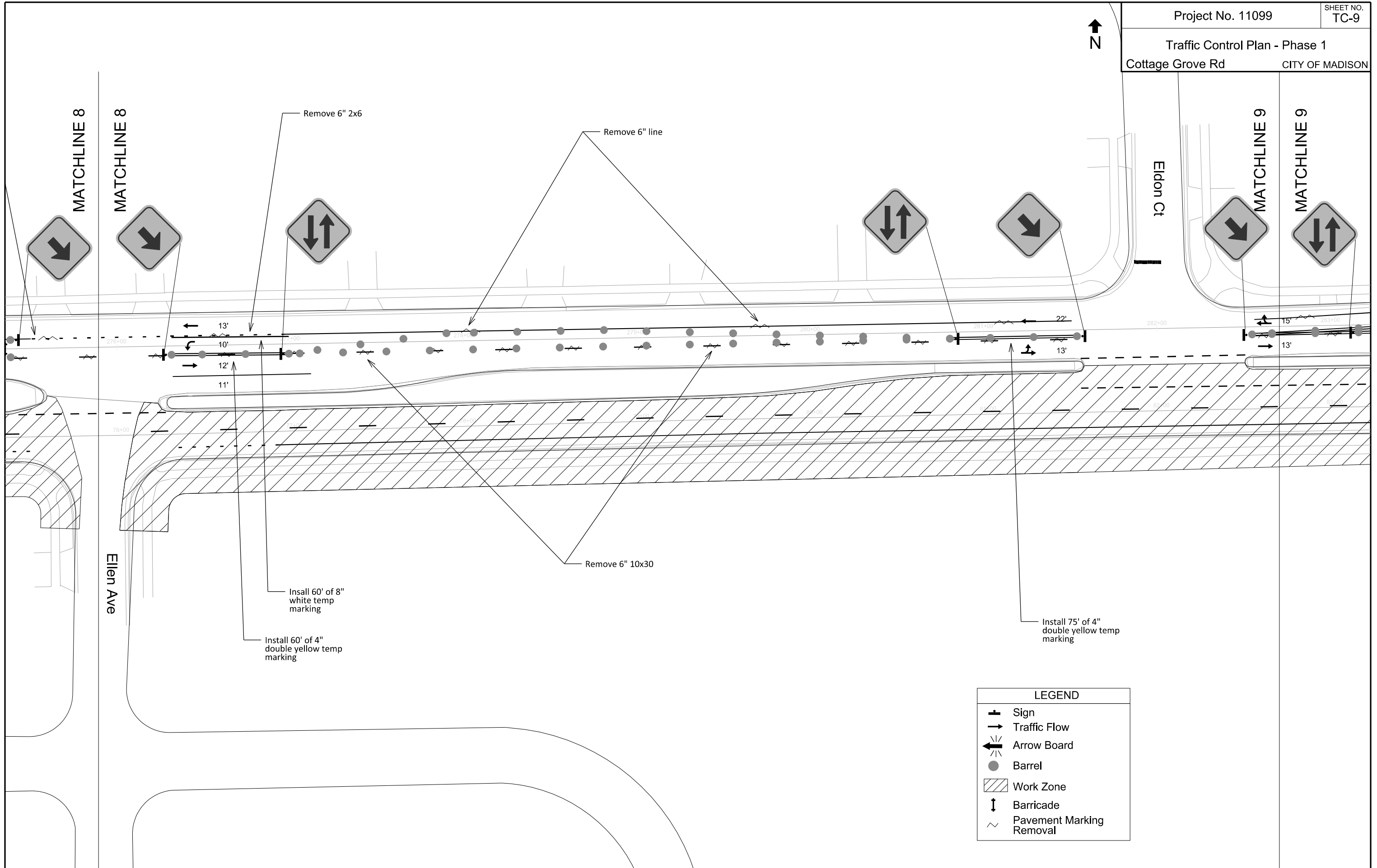


PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.



LEGEND	
	Sign
	Traffic Flow
	Arrow Board
	Barrel
	Work Zone
	Barricade
	Pavement Marking Removal



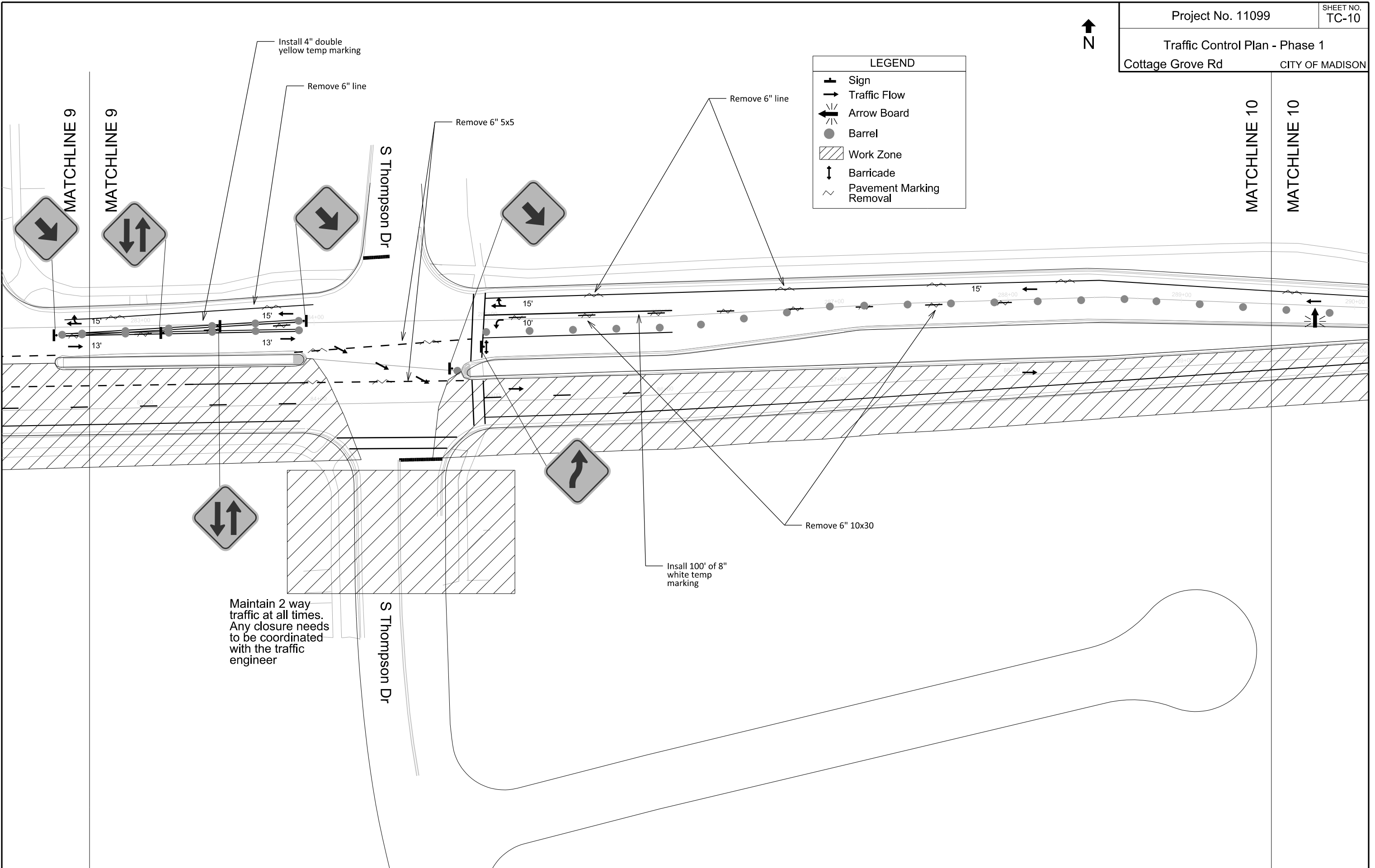
LEGEND	
	Sign
	Traffic Flow
	Arrow Board
	Barrel
	Work Zone
	Barricade
	Pavement Marking Removal

PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.



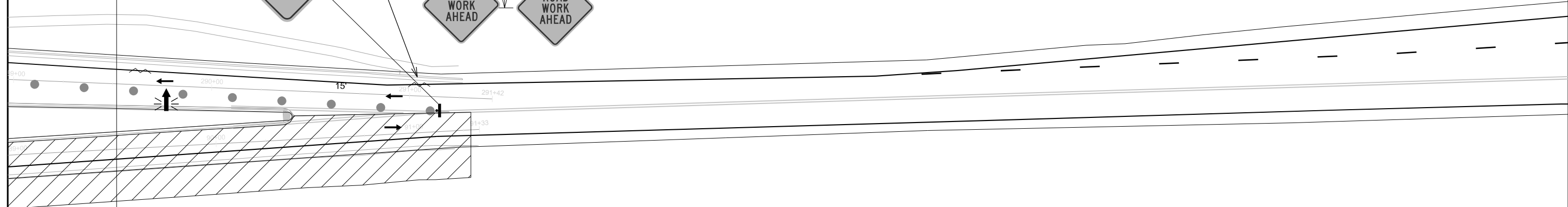
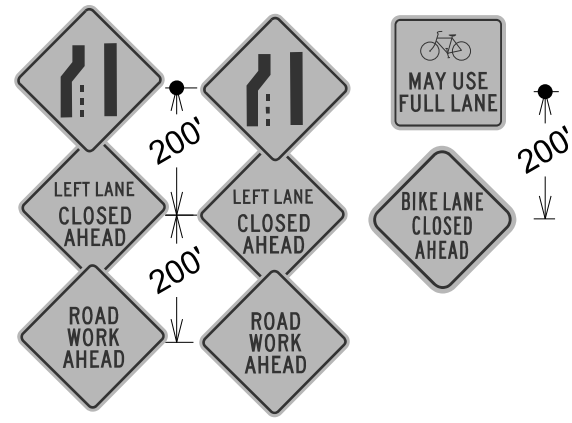
Maintain 2 way traffic at all times. Any closure needs to be coordinated with the traffic engineer



LEGEND	
	Sign
	Traffic Flow
	Arrow Board
	Barrel
	Work Zone
	Barricade
	Pavement Marking Removal

MATCHLINE 10
MATCHLINE 10

Remove 6" line beginning on asphalt



PLOT SCALE:

PLOT NAME:

REV. DATE:

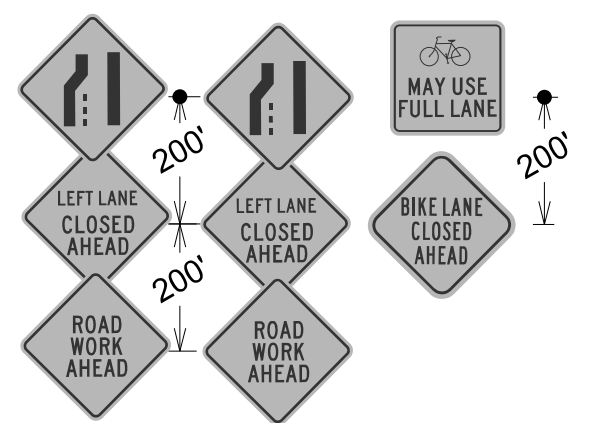
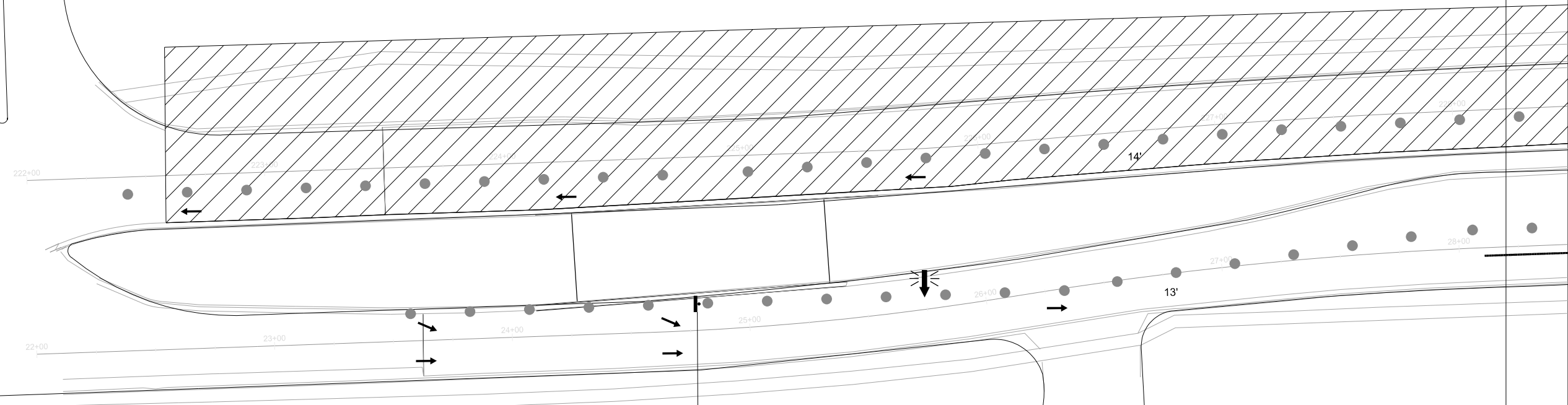
ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.



LEGEND	
	Sign
	Traffic Flow
	Arrow Board
	Barrel
	Work Zone
	Barricade
	Pavement Marking Removal

MATCHLINE 11

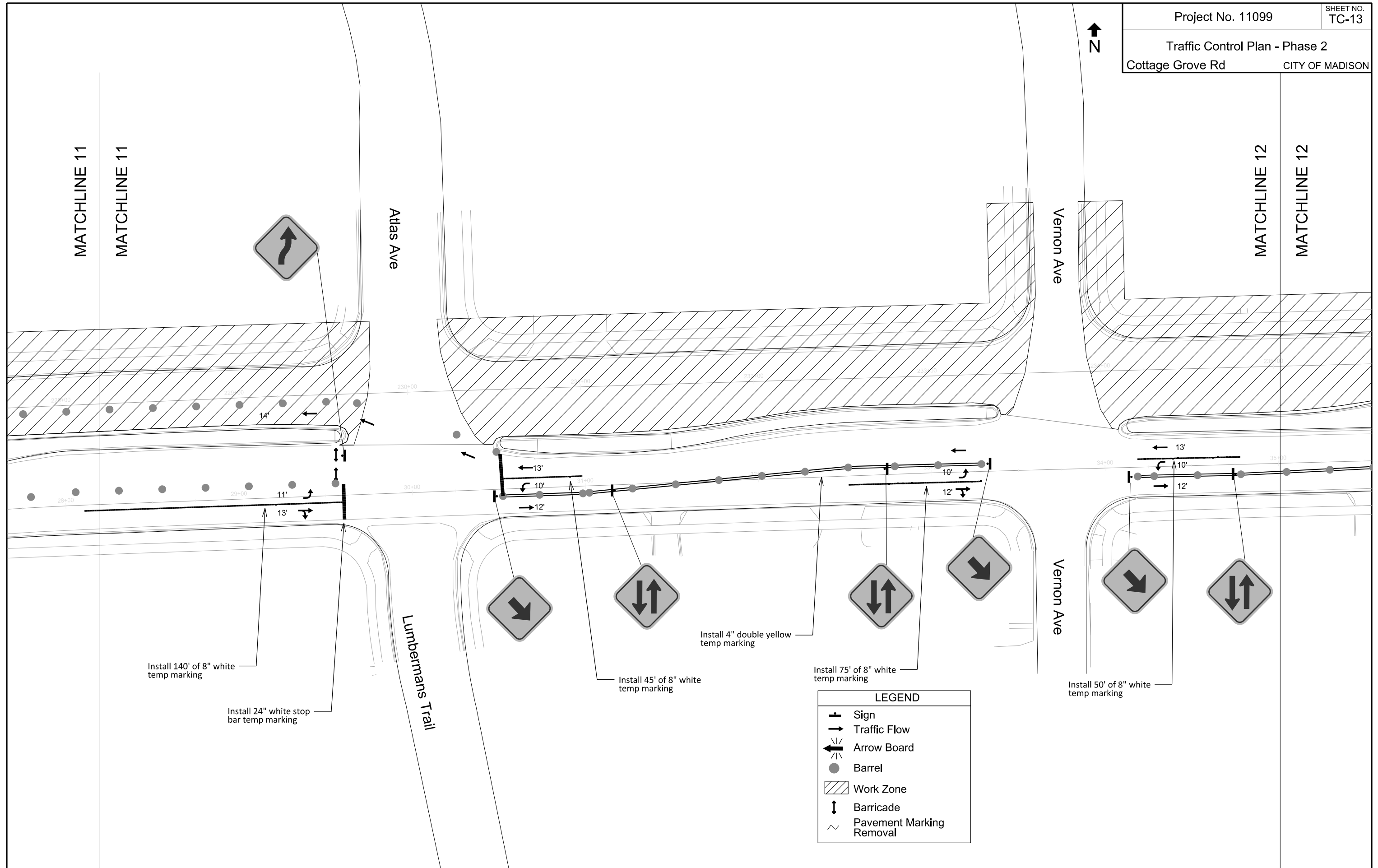
MATCHLINE 11



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.



Install 140' of 8" white temp marking

Install 24" white stop bar temp marking

Install 45' of 8" white temp marking

Install 4" double yellow temp marking

Install 75' of 8" white temp marking

Install 50' of 8" white temp marking

LEGEND	
	Sign
	Traffic Flow
	Arrow Board
	Barrel
	Work Zone
	Barricade
	Pavement Marking Removal



MATCHLINE 12

MATCHLINE 12

MATCHLINE 13

MATCHLINE 13

Acewood Blvd

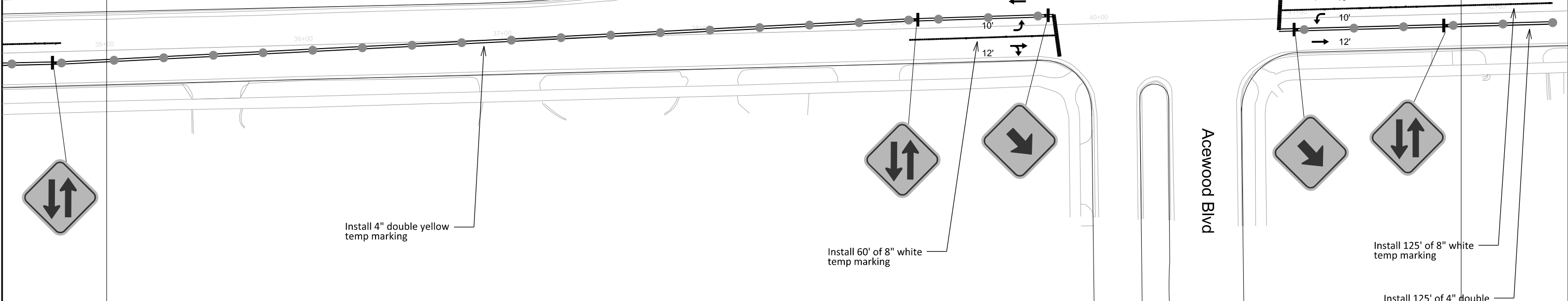
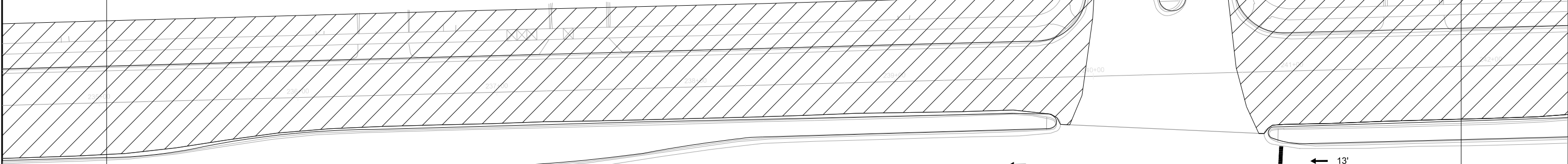
Acewood Blvd

PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.



Install 4" double yellow temp marking

Install 60' of 8" white temp marking

Install 125' of 8" white temp marking

Install 125' of 4" double yellow temp marking

LEGEND	
	Sign
	Traffic Flow
	Arrow Board
	Barrel
	Work Zone
	Barricade
	Pavement Marking Removal



MATCHLINE 13

MATCHLINE 13

MATCHLINE 14

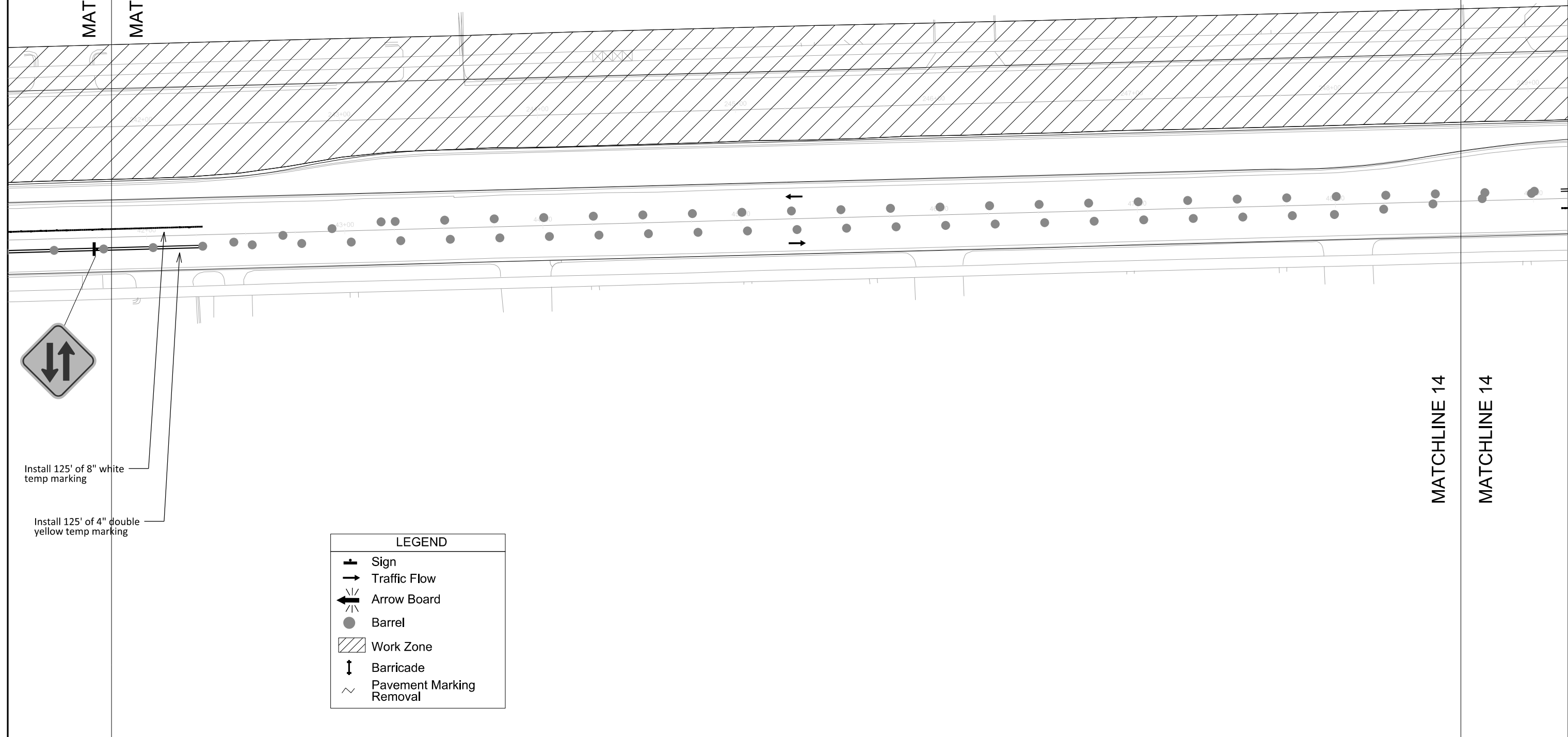
MATCHLINE 14

PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.



Install 125' of 8" white temp marking

Install 125' of 4" double yellow temp marking

LEGEND	
	Sign
	Traffic Flow
	Arrow Board
	Barrel
	Work Zone
	Barricade
	Pavement Marking Removal



Flora Ln

MATCHLINE 15

MATCHLINE 15

MATCHLINE 14

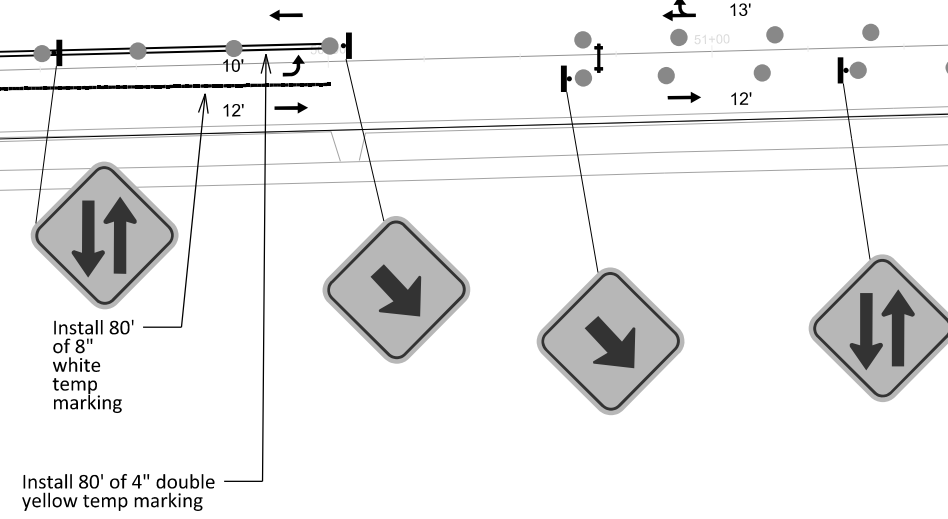
MATCHLINE 14

PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.



LEGEND	
	Sign
	Traffic Flow
	Arrow Board
	Barrel
	Work Zone
	Barricade
	Pavement Marking Removal



MATCHLINE 16

MATCHLINE 16

MATCHLINE 15

MATCHLINE 15

Meadowmark Dr

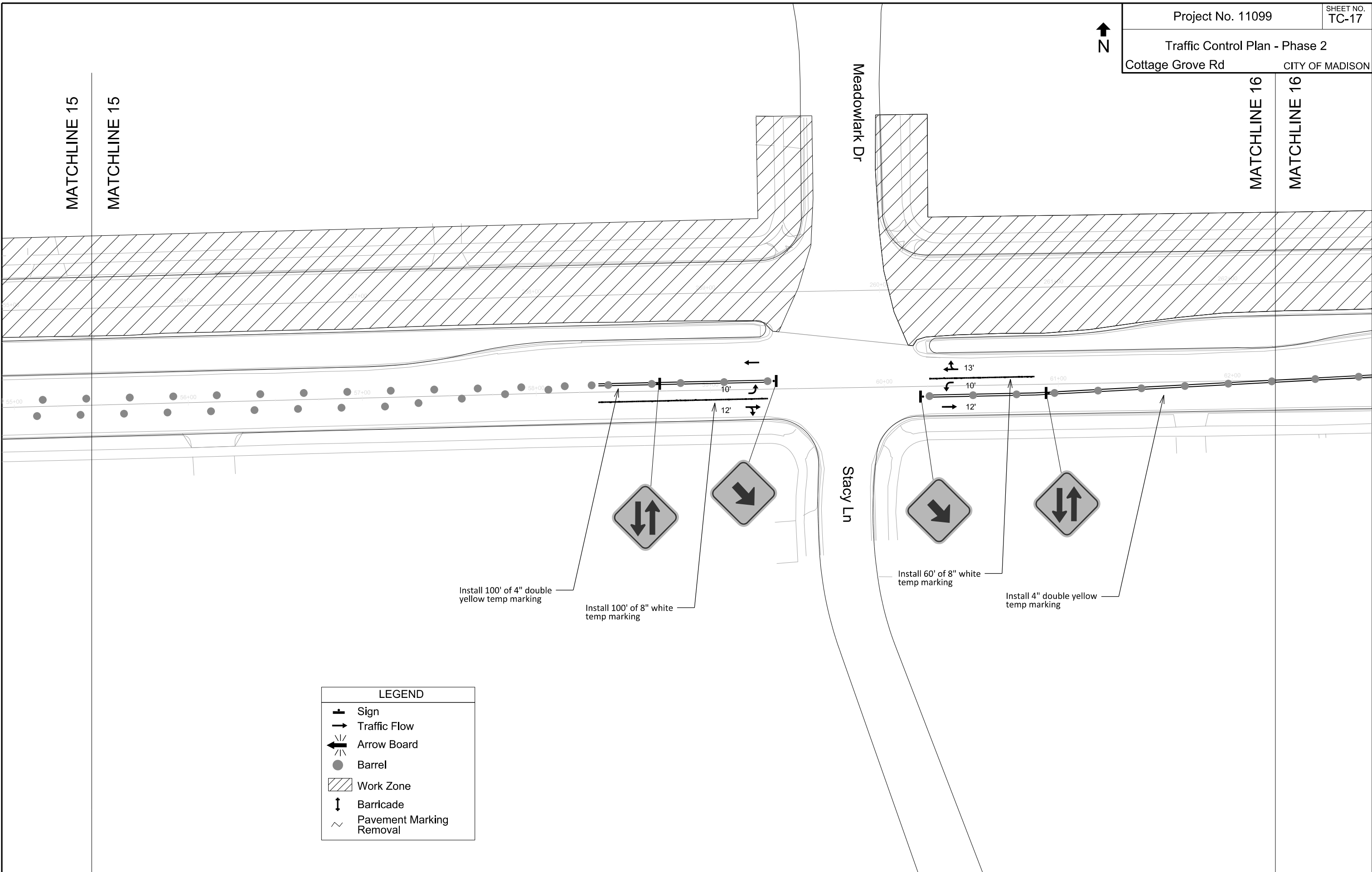
Stacy Ln

PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.



Install 100' of 4" double yellow temp marking

Install 100' of 8" white temp marking

Install 60' of 8" white temp marking

Install 4" double yellow temp marking

LEGEND	
	Sign
	Traffic Flow
	Arrow Board
	Barrel
	Work Zone
	Barricade
	Pavement Marking Removal



MATCHLINE 16

MATCHLINE 16

MATCHLINE 17

MATCHLINE 17

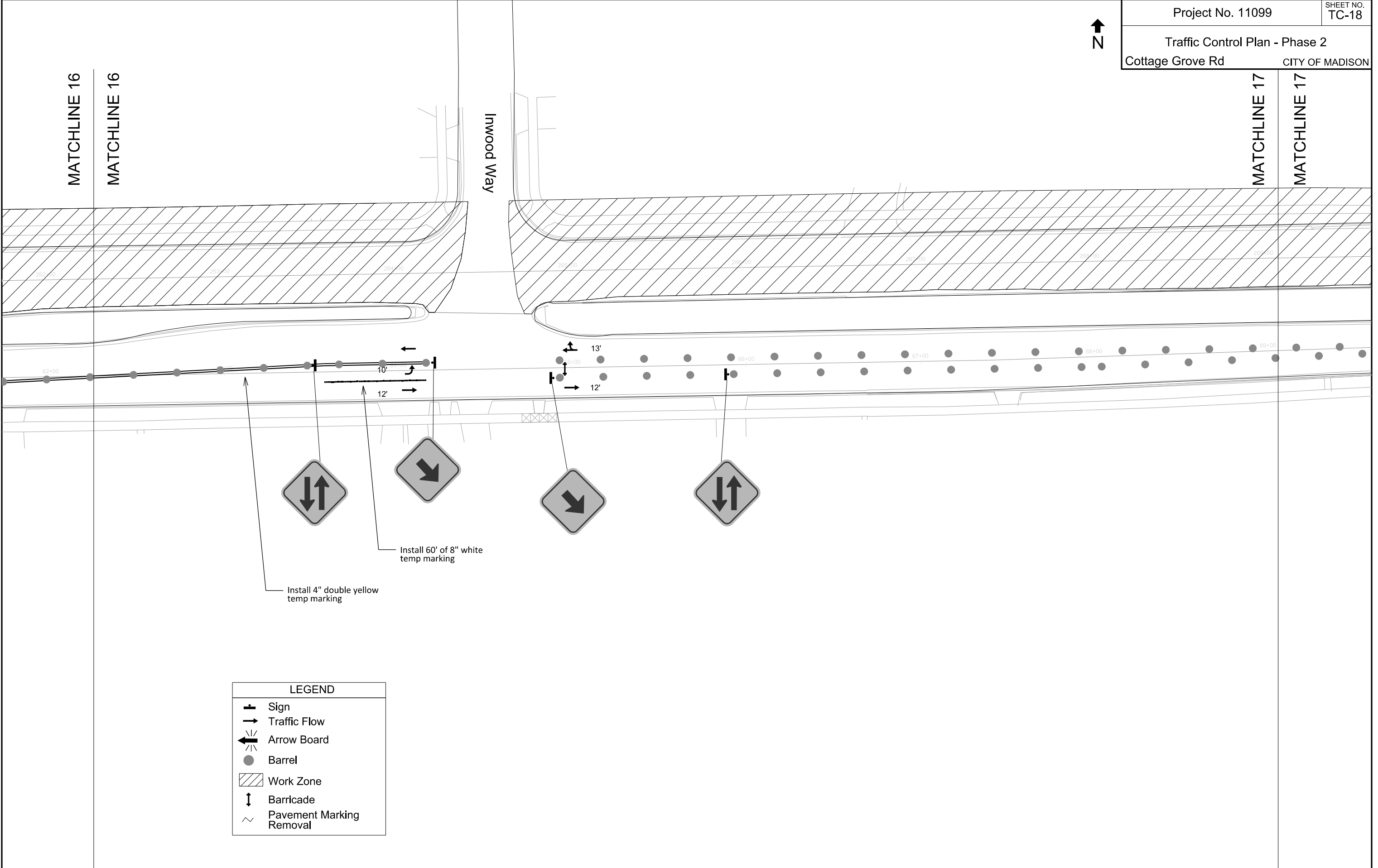
Inwood Way

PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.



LEGEND	
	Sign
	Traffic Flow
	Arrow Board
	Barrel
	Work Zone
	Barricade
	Pavement Marking Removal



MATCHLINE 18

MATCHLINE 18

MATCHLINE 17

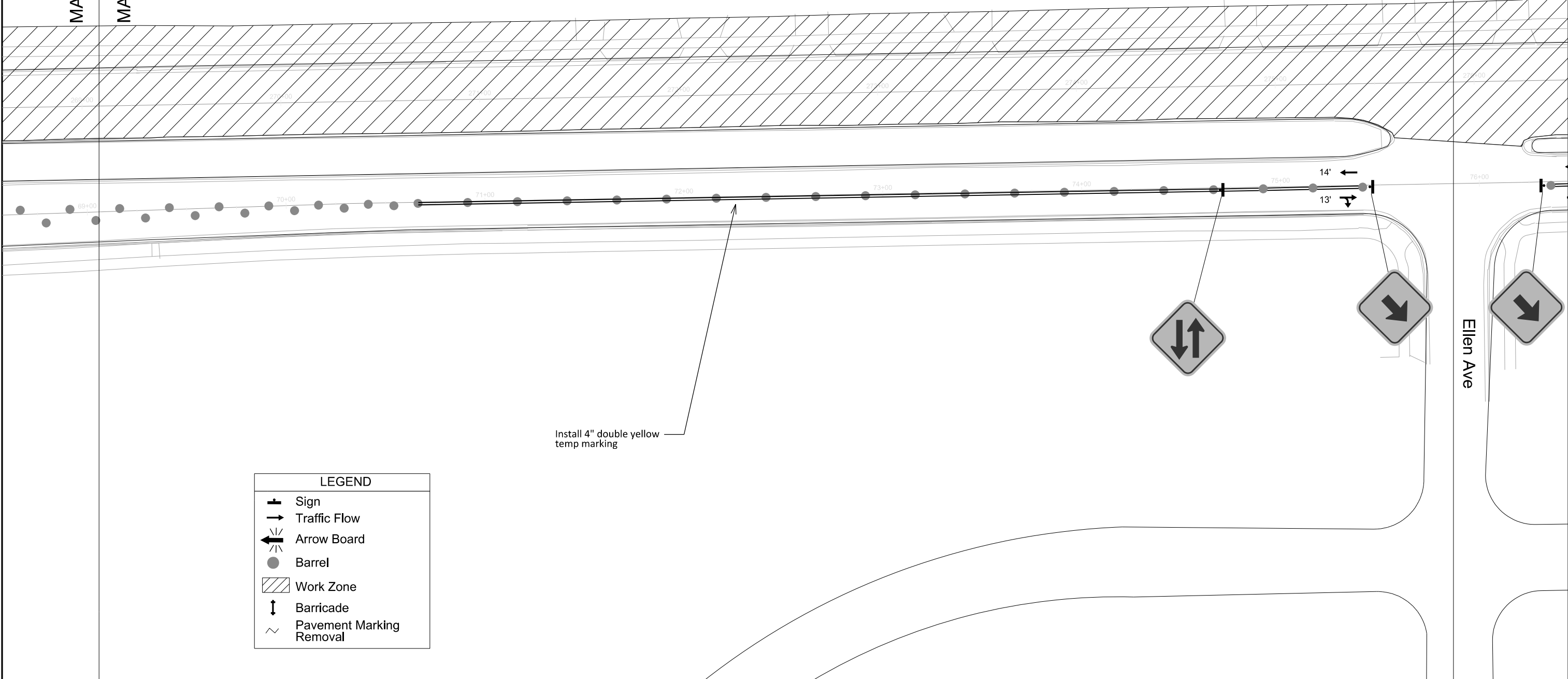
MATCHLINE 17

PLOT SCALE:

PLOT NAME:





REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.



Install 4" double yellow temp marking

LEGEND

-  Sign
-  Traffic Flow
-  Arrow Board
-  Barrel
-  Work Zone
-  Barricade
-  Pavement Marking Removal



MATCHLINE 18

MATCHLINE 18

MATCHLINE 19

MATCHLINE 19

Eldon Ct

Ellen Ave

76+00

14'

13'

77+00

78+00

79+00

80+00

81+00

13'

82+00

13'

83+00

Install 4" double yellow temp marking

LEGEND	
	Sign
	Traffic Flow
	Arrow Board
	Barrel
	Work Zone
	Barricade
	Pavement Marking Removal

PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.



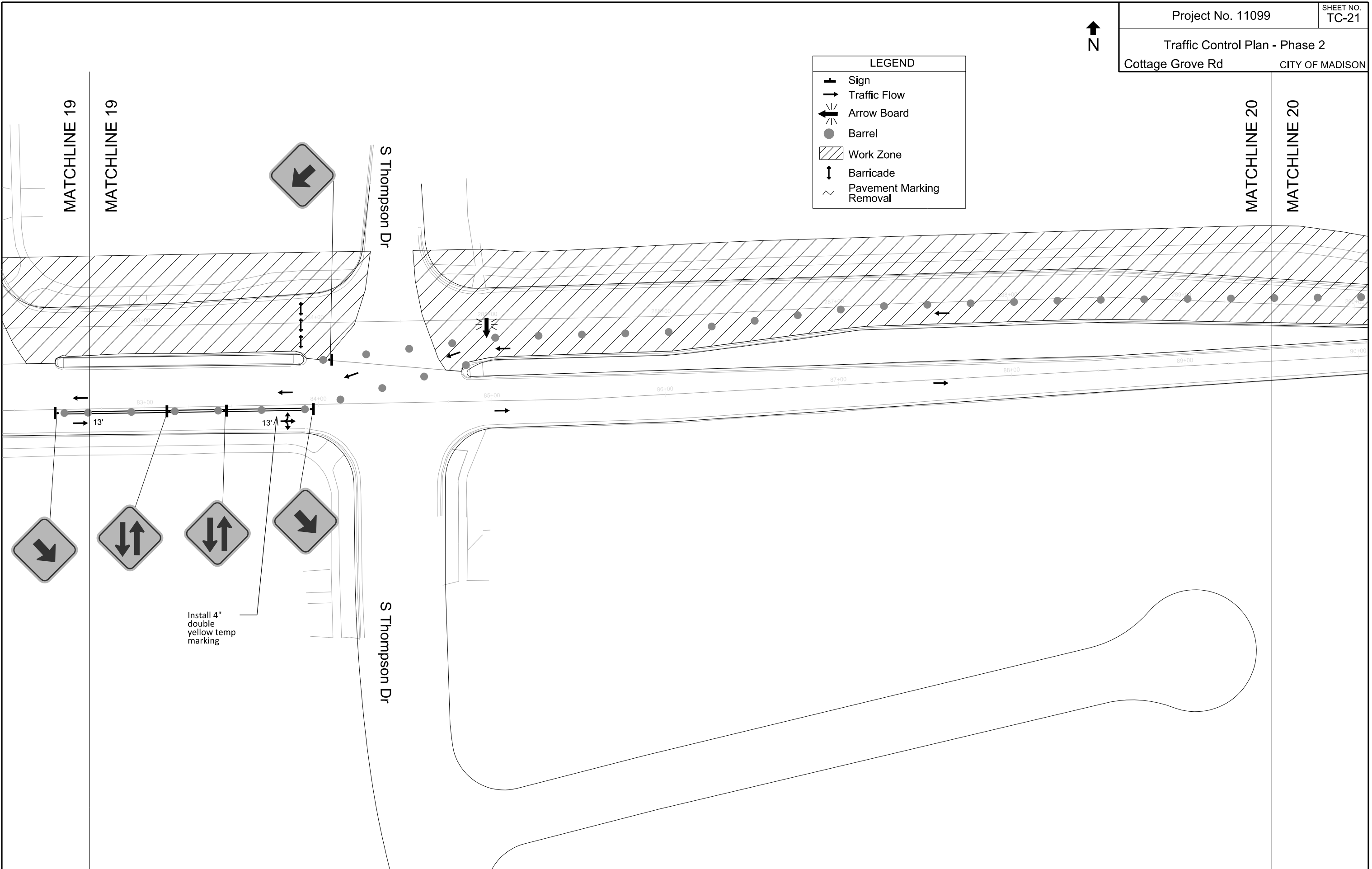
LEGEND	
	Sign
	Traffic Flow
	Arrow Board
	Barrel
	Work Zone
	Barricade
	Pavement Marking Removal

PLOT SCALE:

PLOT NAME:

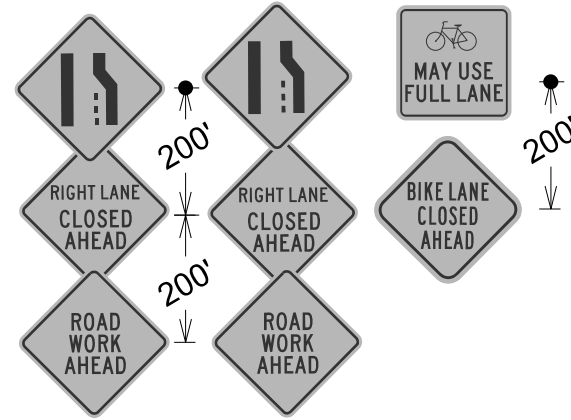
REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.



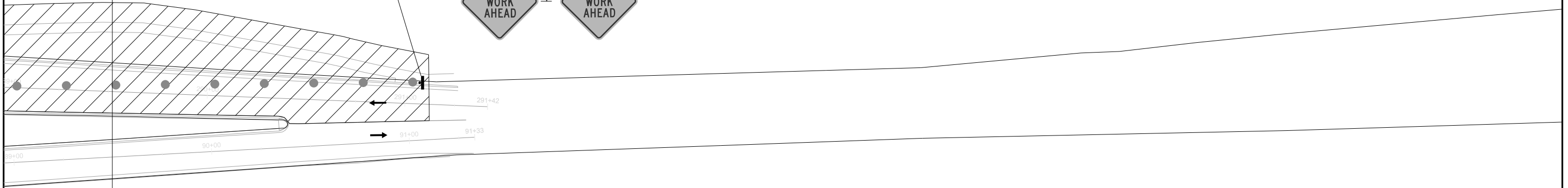


LEGEND	
	Sign
	Traffic Flow
	Arrow Board
	Barrel
	Work Zone
	Barricade
	Pavement Marking Removal



MATCHLINE 20

MATCHLINE 20

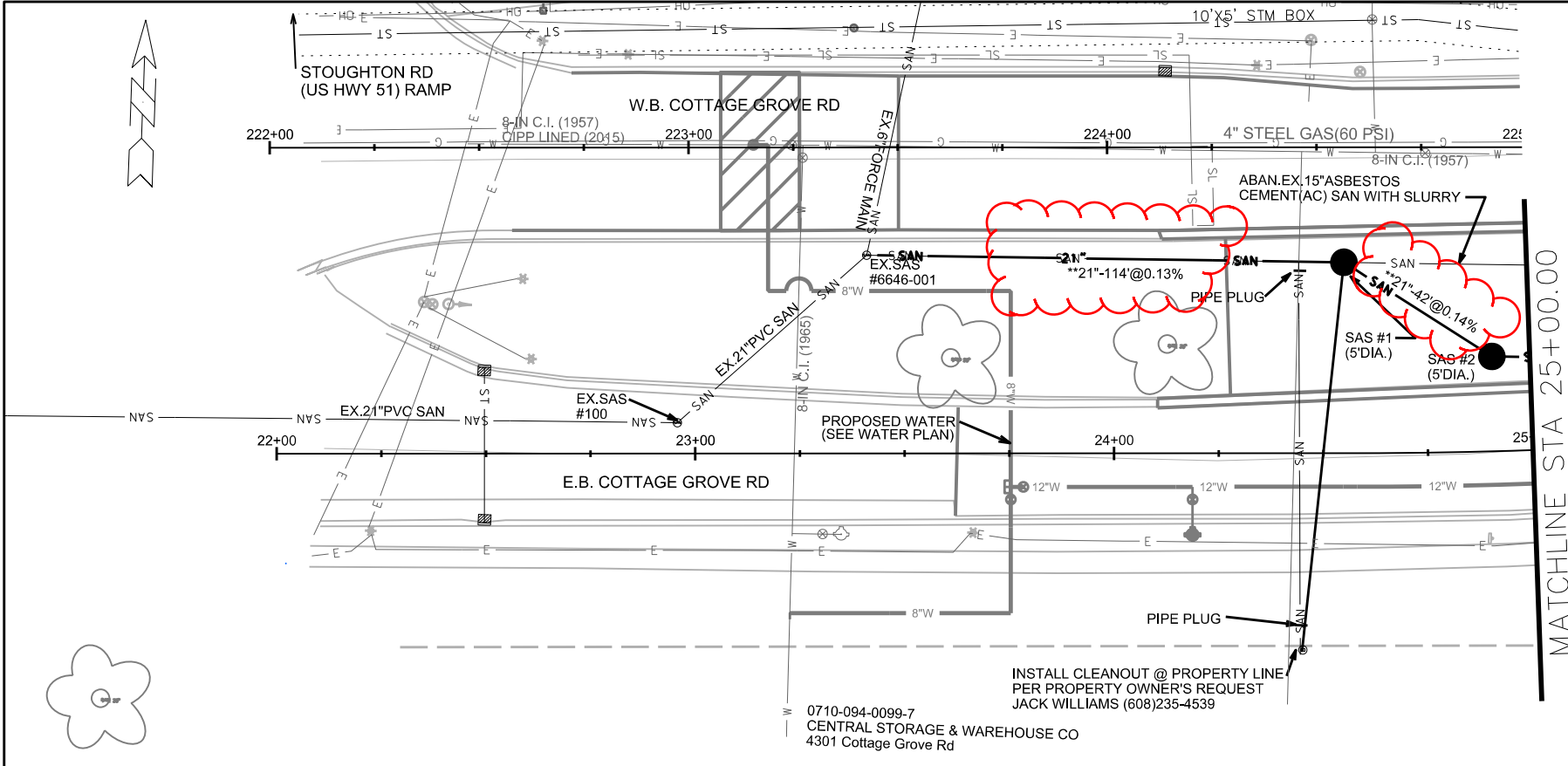


PLOT SCALE:

PLOT NAME:

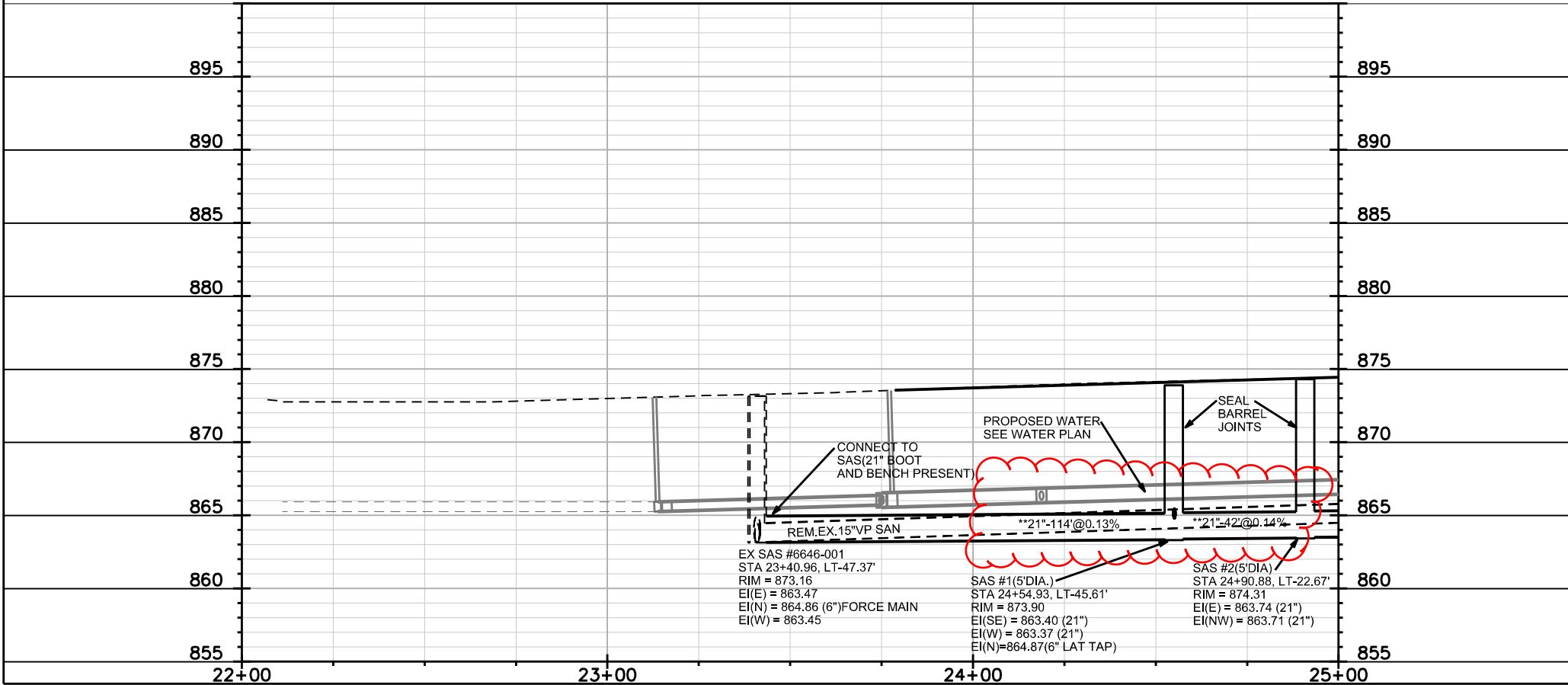
REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.



** PIPE SHALL CONFORM TO SPECIFICATIONS OF ASTM F679 PS 115 PIPE

CONTRACTOR SHALL REM & REP SIDEWALK & CURB AS NEEDED FOR LATERALS (MAX. OF 4 SW SQUARES PER LATERAL & 20 FEET OF CURB & GUTTER)



PLOT SCALE: _____

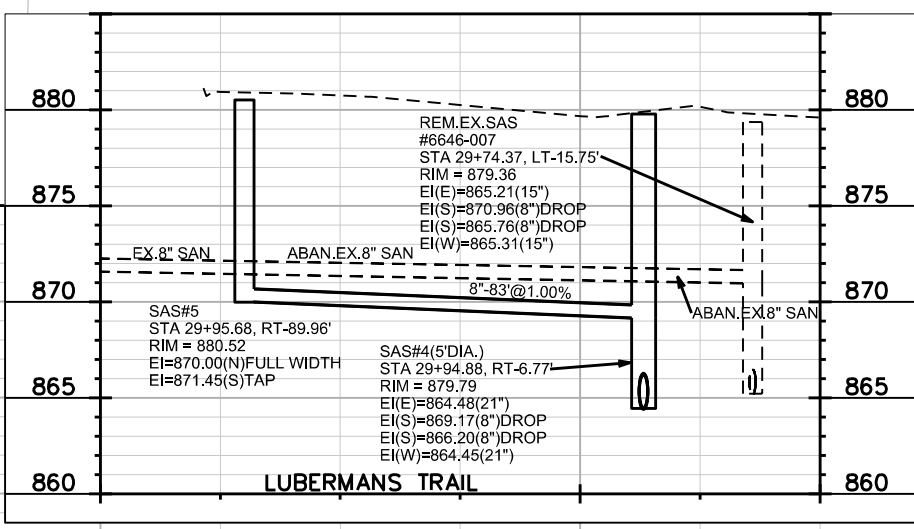
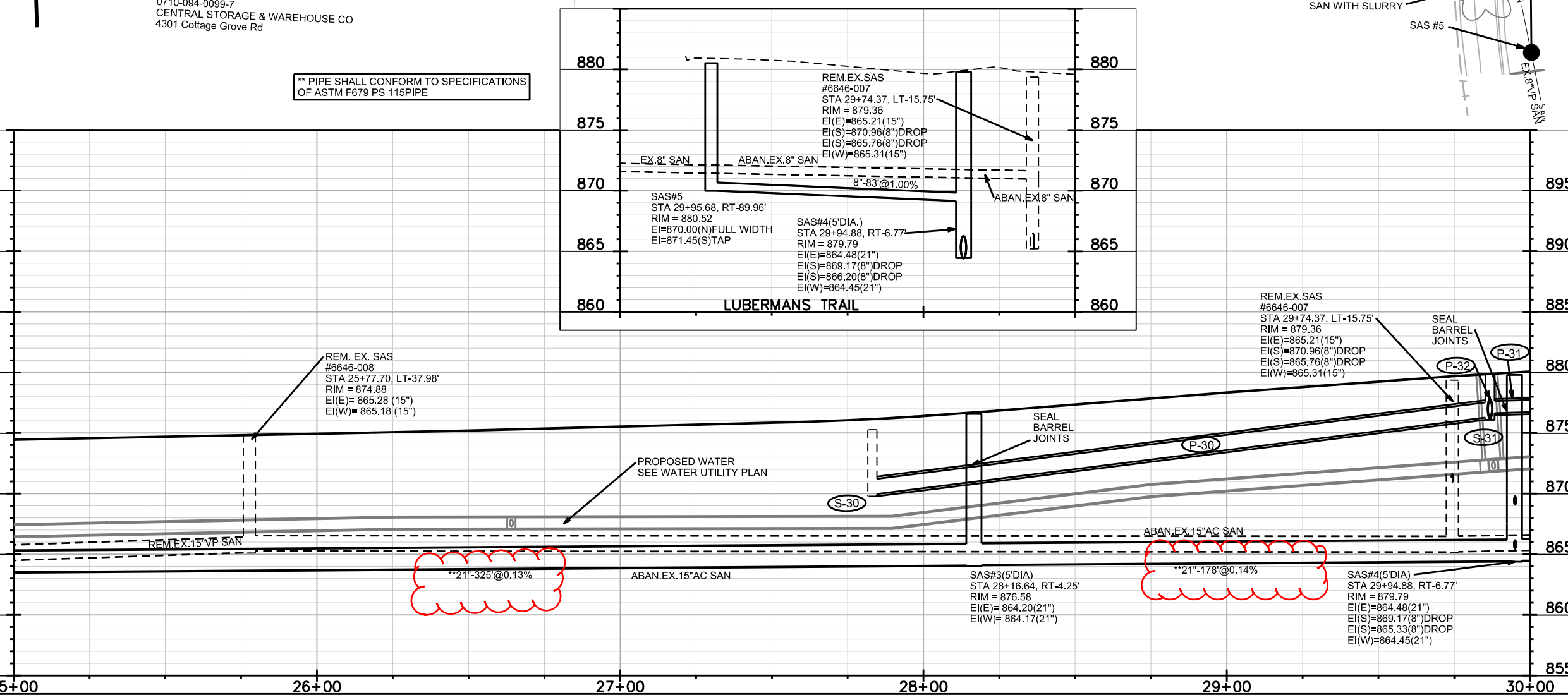
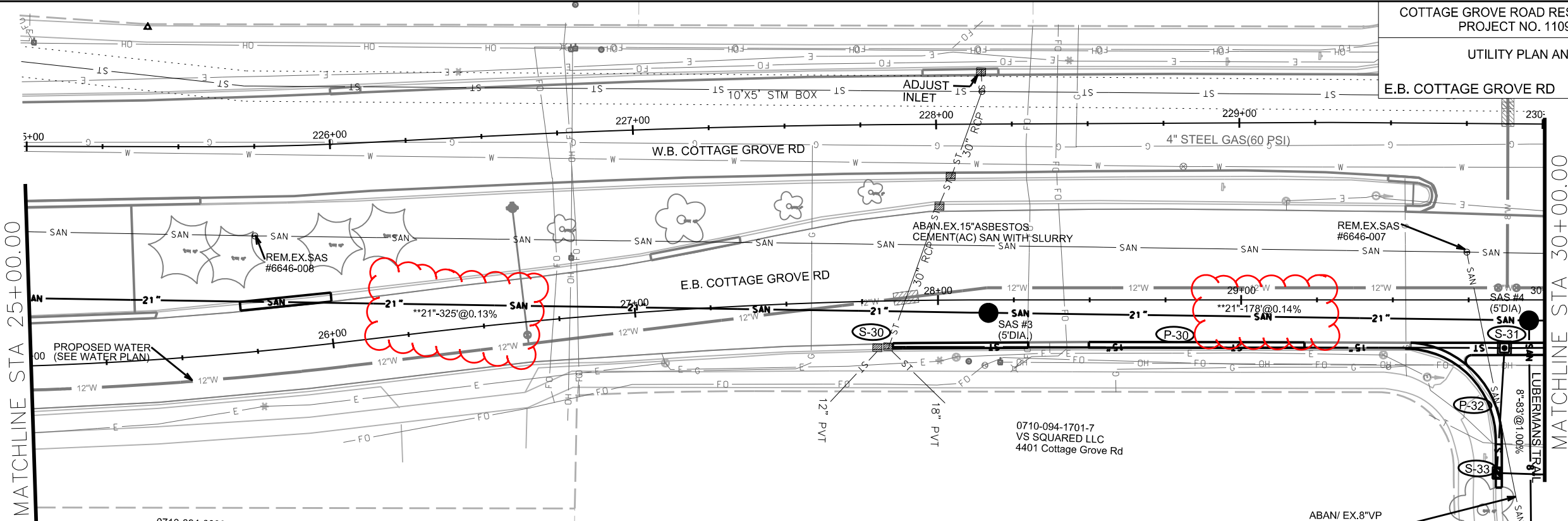
PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

UTILITY PLAN AND PROFILE

E.B. COTTAGE GROVE RD CITY OF MADISON
REVISED 5/16/16 MDM

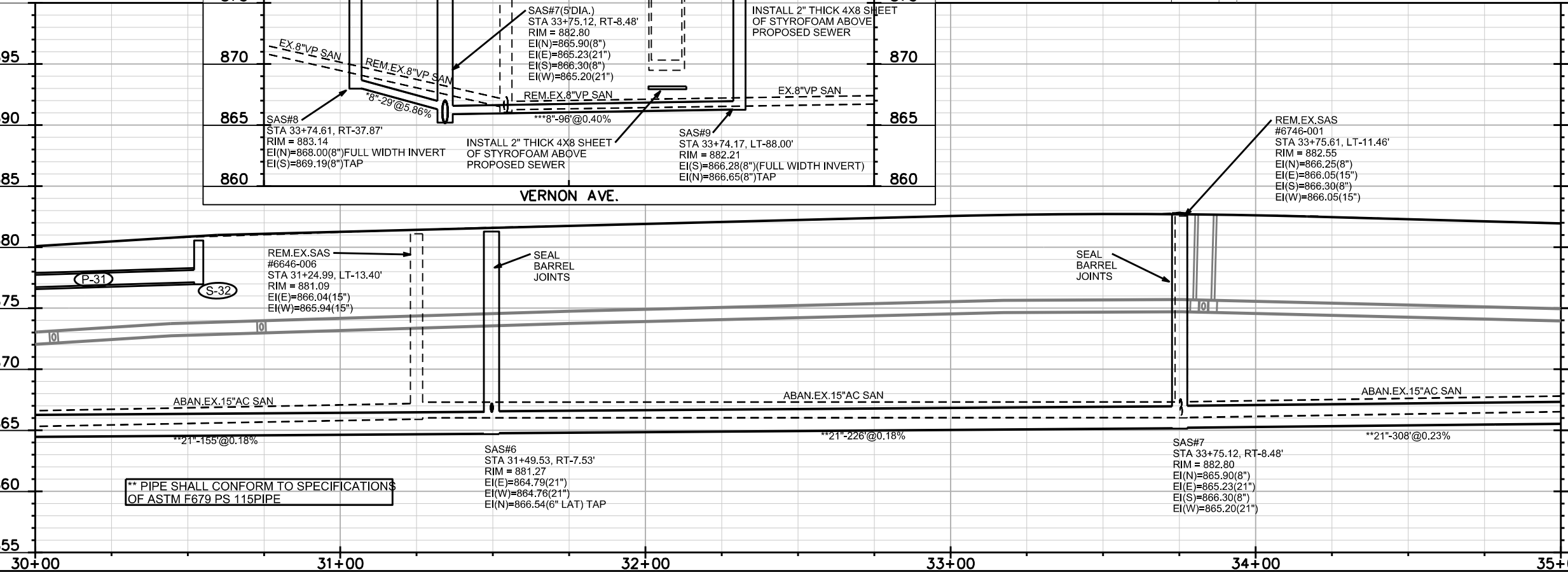
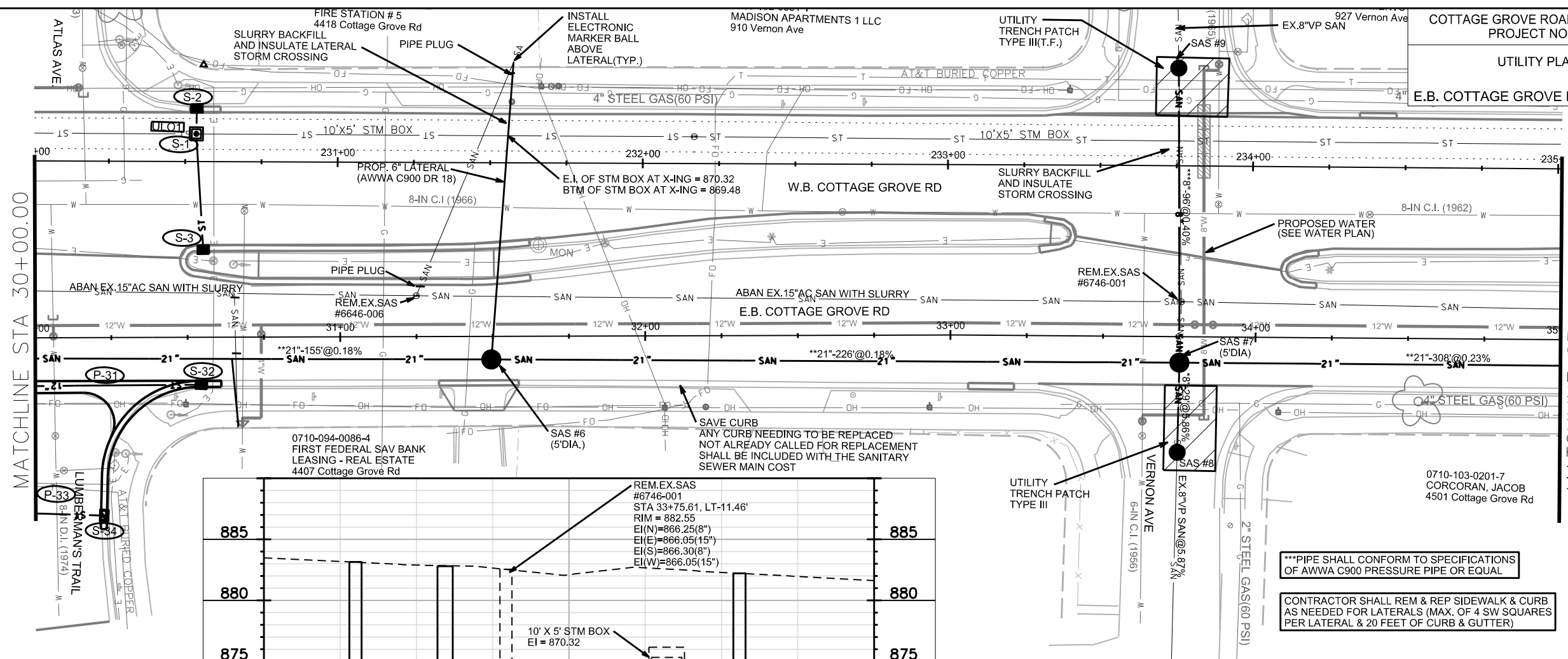


** PIPE SHALL CONFORM TO SPECIFICATIONS OF ASTM F679 PS 115 PIPE

PLOT SCALE: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



***PIPE SHALL CONFORM TO SPECIFICATIONS OF AWWA C900 PRESSURE PIPE OR EQUAL

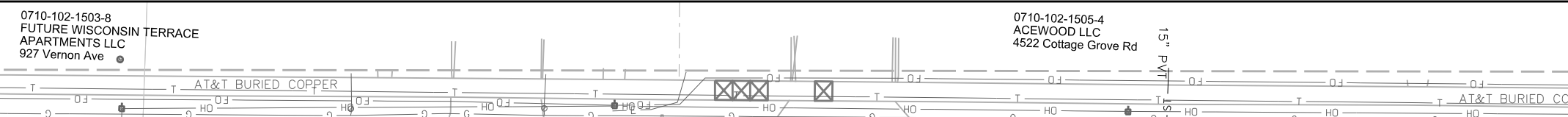
CONTRACTOR SHALL REM & REP SIDEWALK & CURB AS NEEDED FOR LATERALS (MAX. OF 4 SW SQUARES PER LATERAL & 20 FEET OF CURB & GUTTER)

** PIPE SHALL CONFORM TO SPECIFICATIONS OF ASTM F679 PS 115 PIPE

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

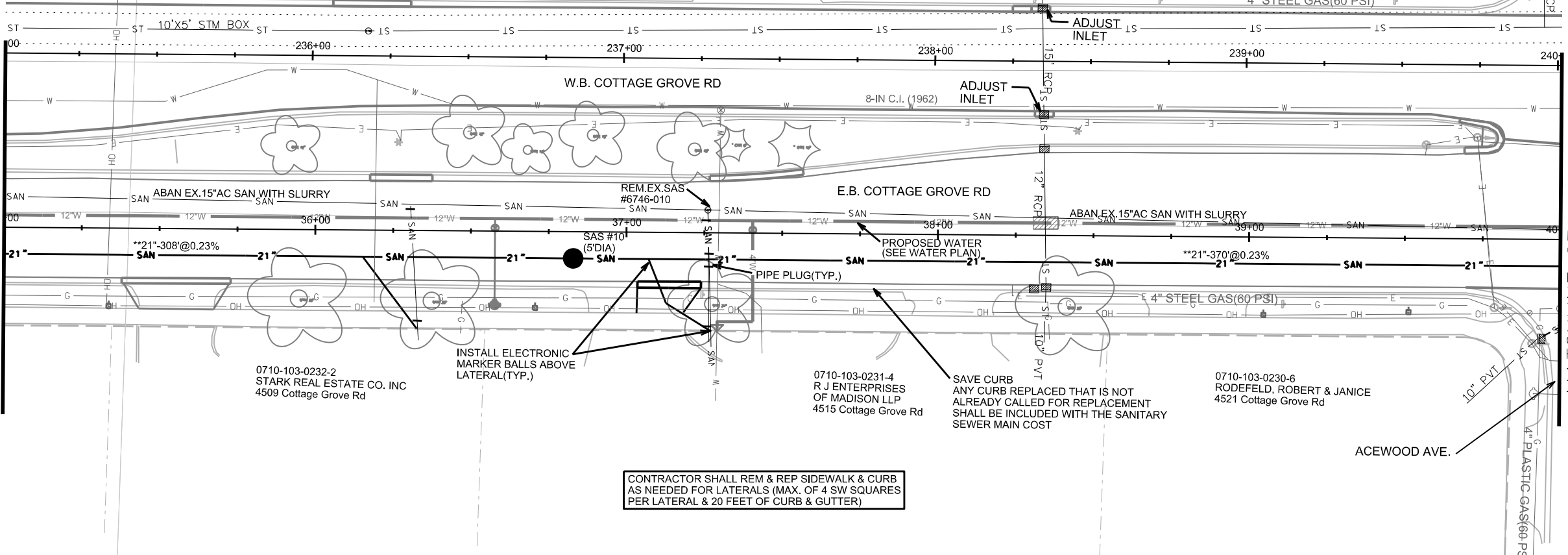
UTILITY PLAN AND PROFILE

E.B. COTTAGE GROVE RD CITY OF MADISON



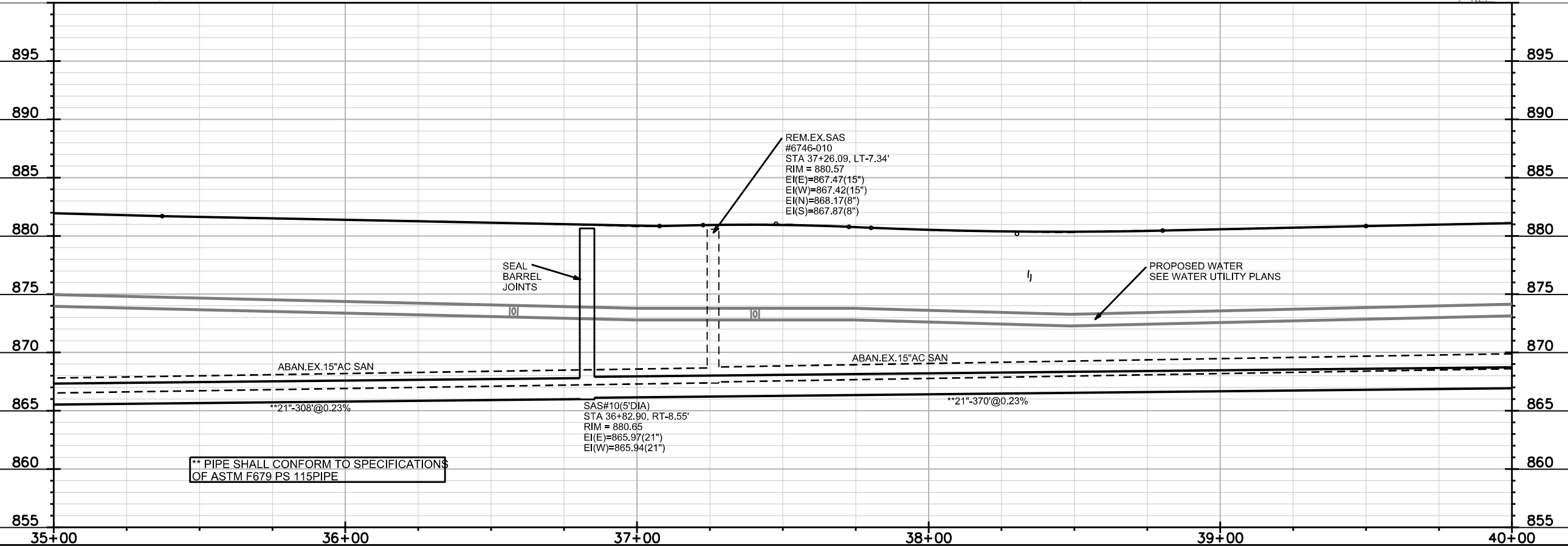
MATCHLINE STA 35+00.00

MATCHLINE STA 40+00.00



CONTRACTOR SHALL REM & REP SIDEWALK & CURB AS NEEDED FOR LATERALS (MAX. OF 4 SW SQUARES PER LATERAL & 20 FEET OF CURB & GUTTER)

** PIPE SHALL CONFORM TO SPECIFICATIONS OF ASTM F679 PS 115PIPE



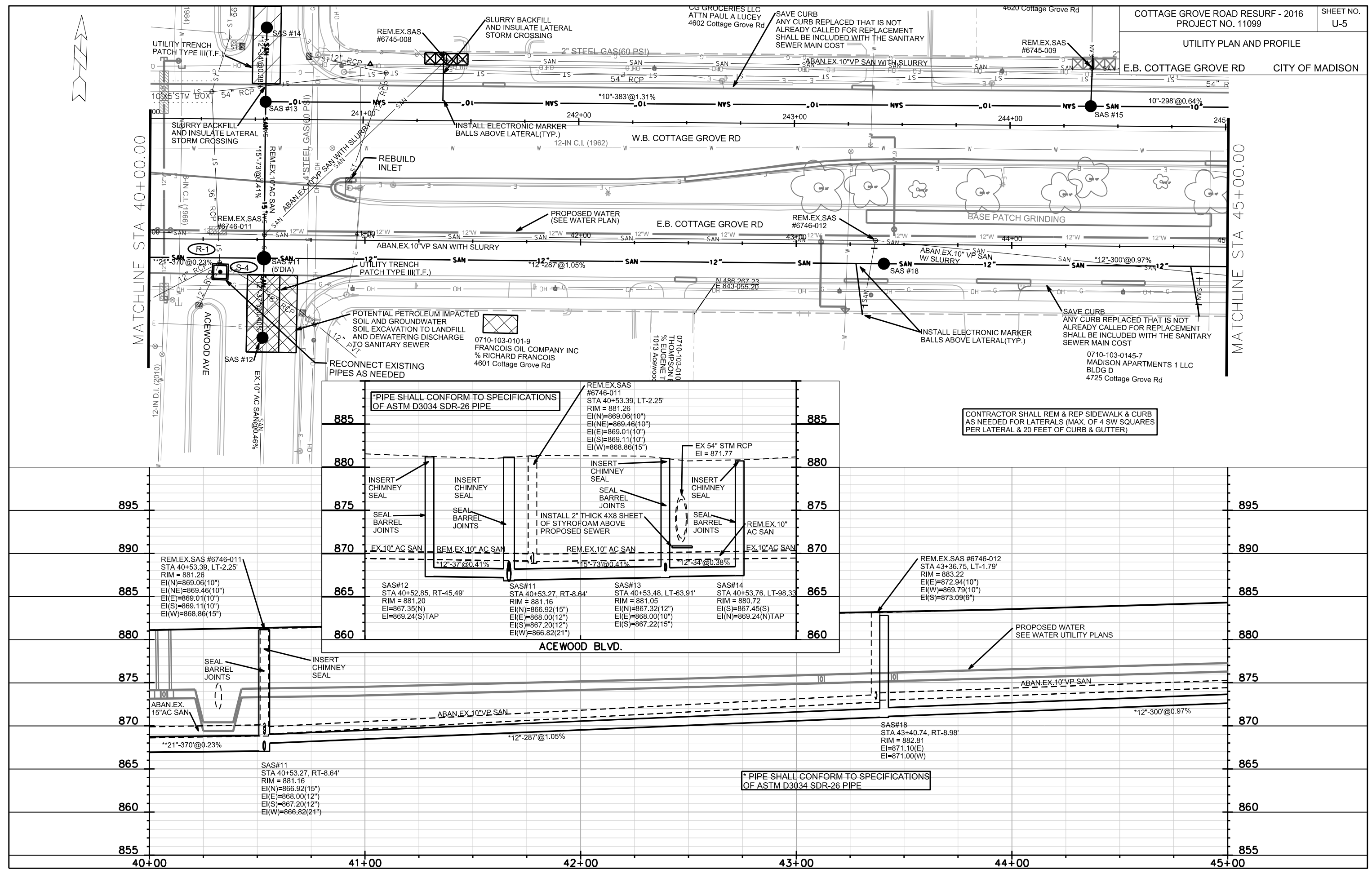
** PIPE SHALL CONFORM TO SPECIFICATIONS OF ASTM F679 PS 115PIPE

PLOT SCALE:

PLOT NAME:

REV. DATE:

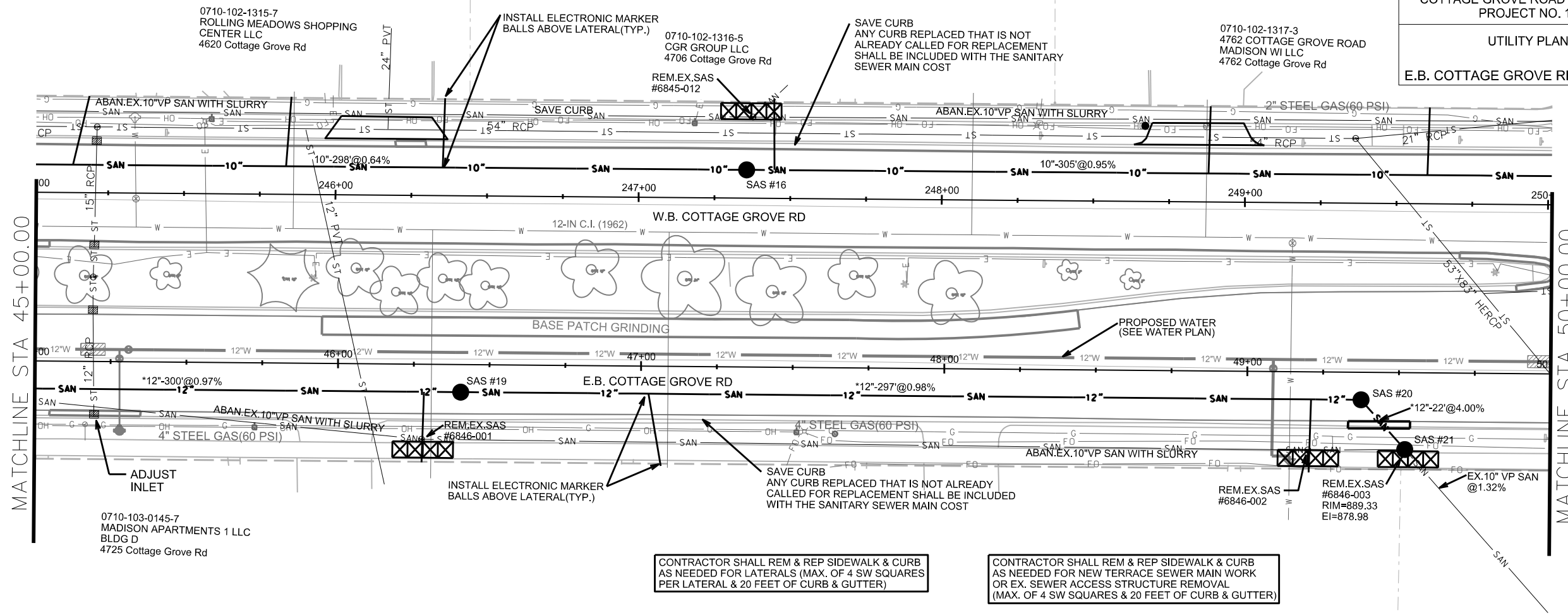
ORIGINATOR: CITY OF MADISON, STREETS DIVISION



PLOT SCALE:

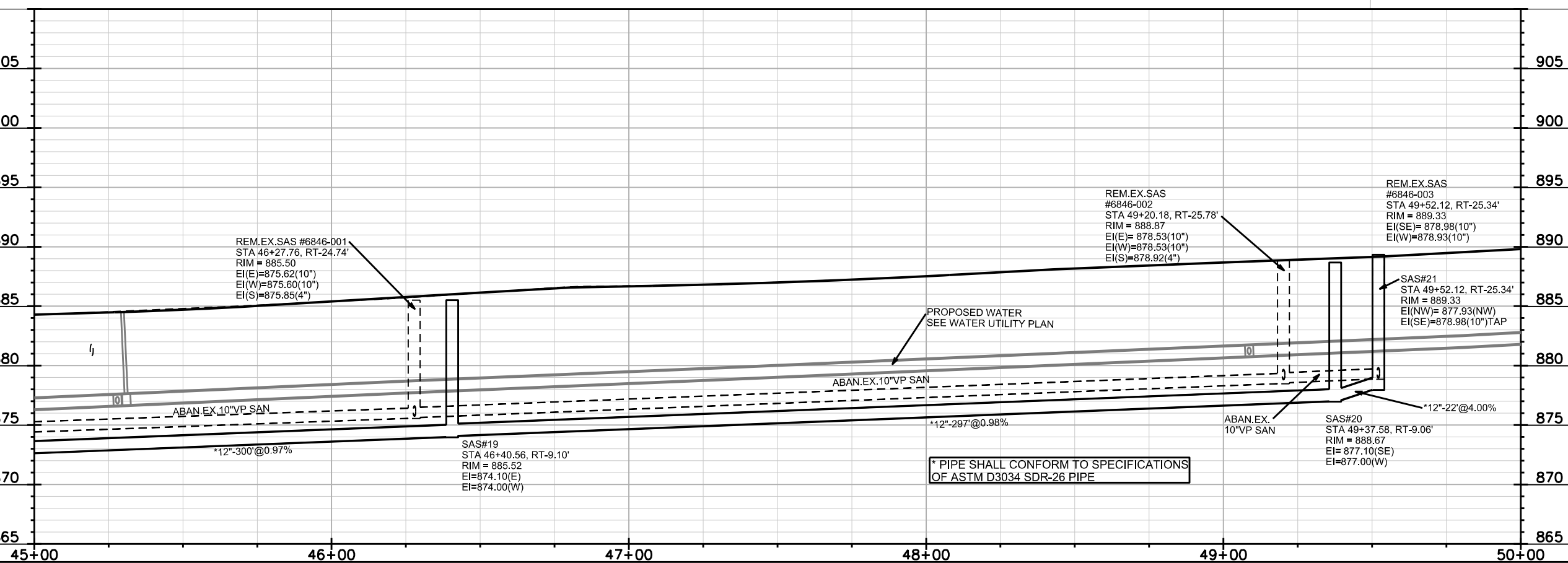
REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

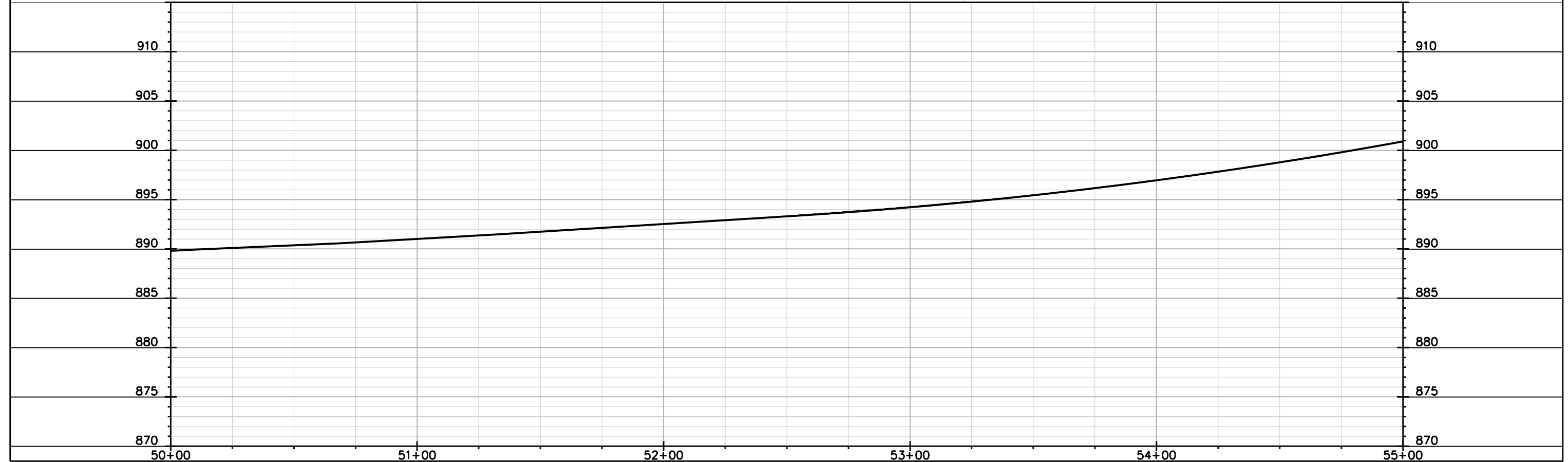
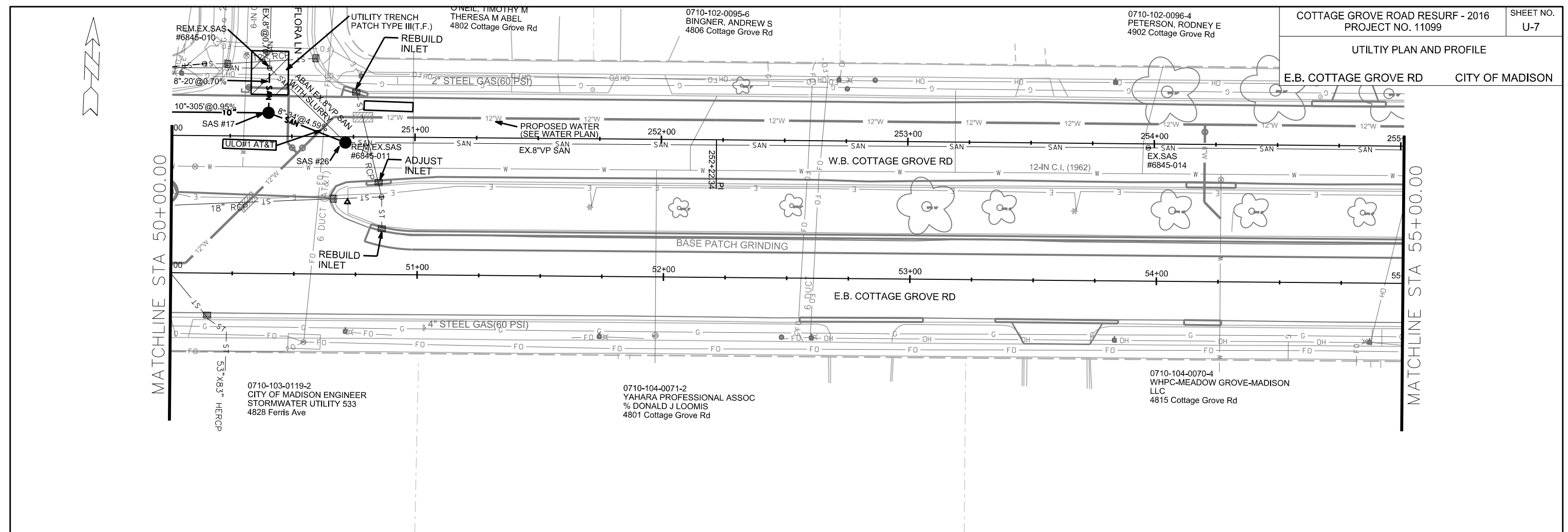


CONTRACTOR SHALL REM & REP SIDEWALK & CURB AS NEEDED FOR LATERALS (MAX. OF 4 SW SQUARES PER LATERAL & 20 FEET OF CURB & GUTTER)

CONTRACTOR SHALL REM & REP SIDEWALK & CURB AS NEEDED FOR NEW TERRACE SEWER MAIN WORK OR EX. SEWER ACCESS STRUCTURE REMOVAL (MAX. OF 4 SW SQUARES & 20 FEET OF CURB & GUTTER)



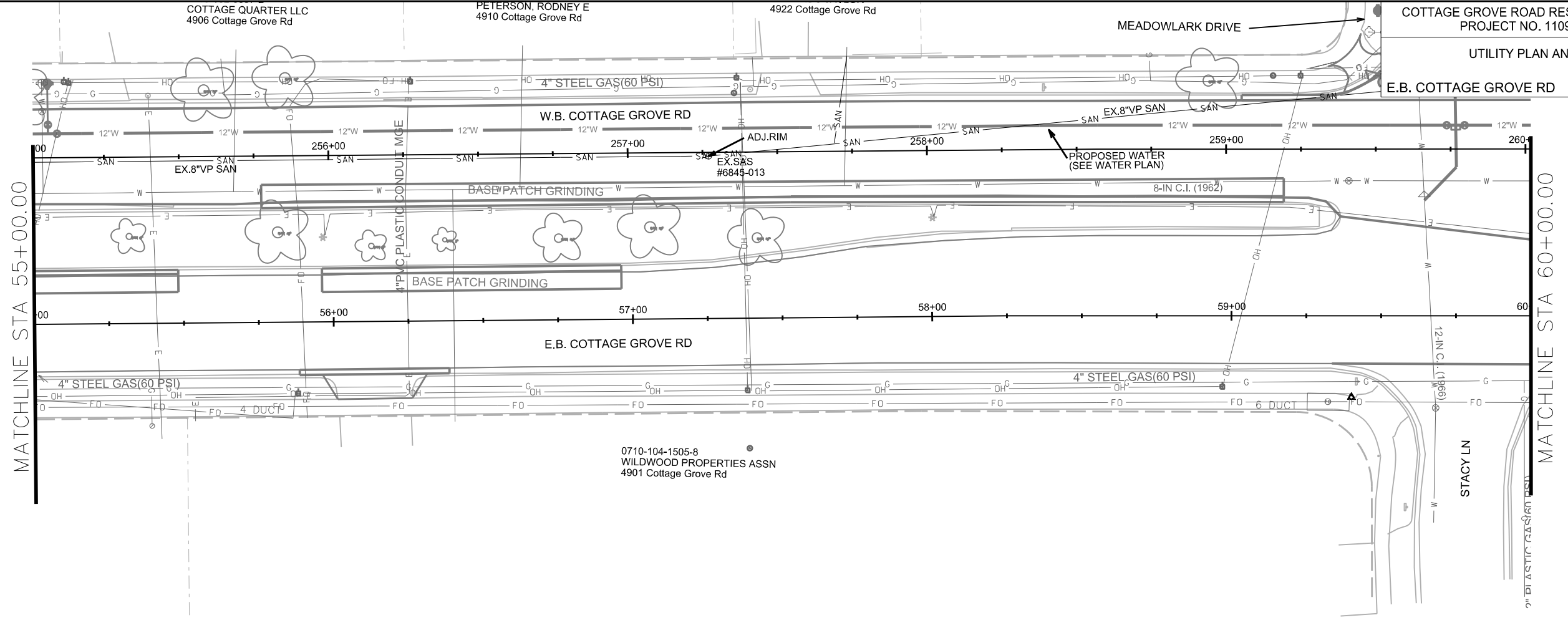
PLOT SCALE:
PLOT NAME:
REV. DATE:
ORIGINATOR: CITY OF MADISON, STREETS DIVISION



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

UTILITY PLAN AND PROFILE

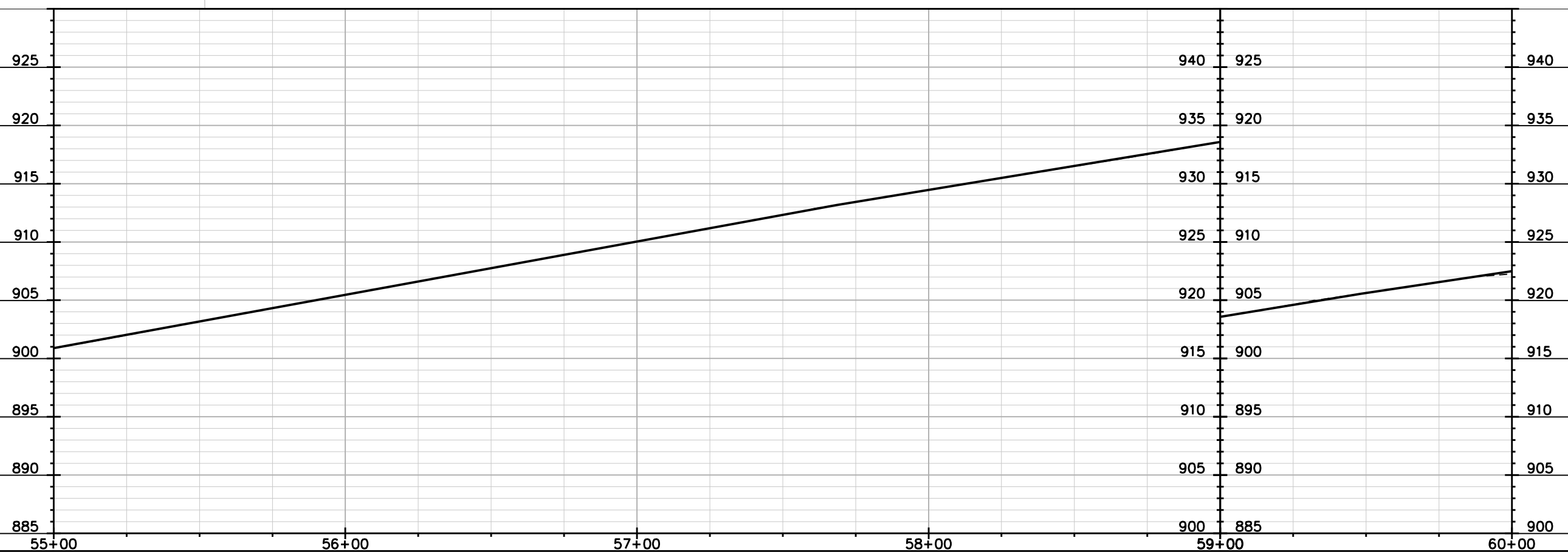
E.B. COTTAGE GROVE RD CITY OF MADISON



MATCHLINE STA 55+00.00

MATCHLINE STA 60+00.00

0710-104-1505-8
WILDWOOD PROPERTIES ASSN
4901 Cottage Grove Rd

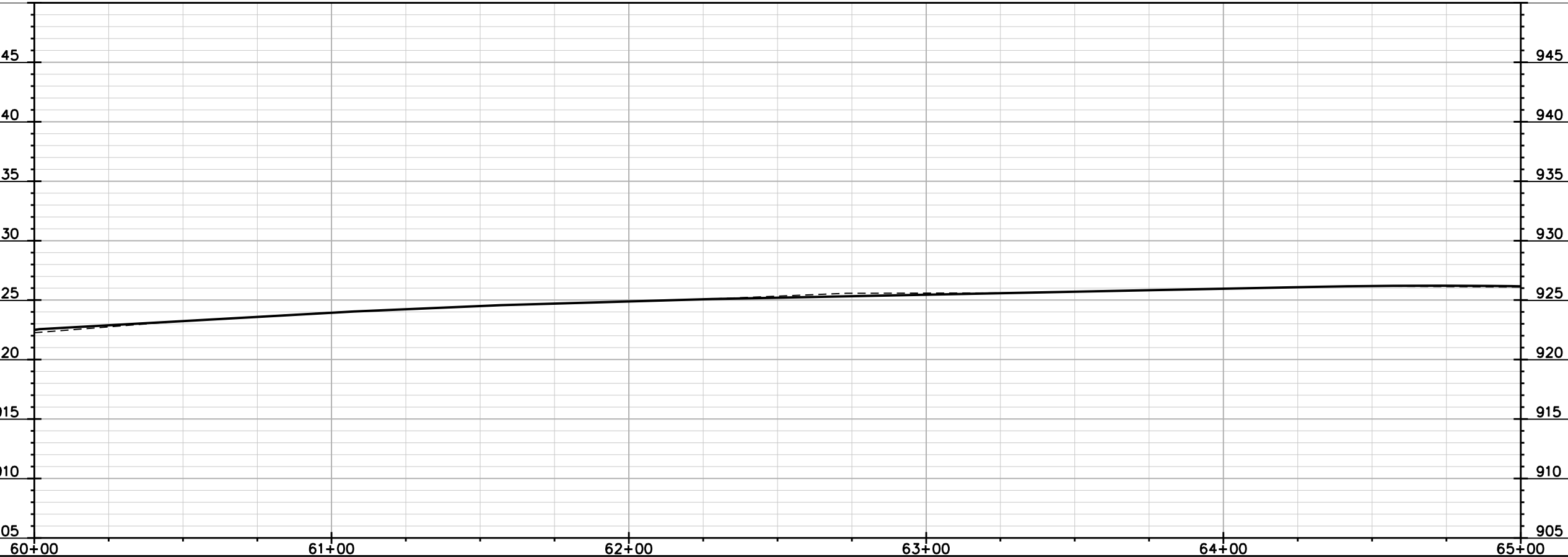
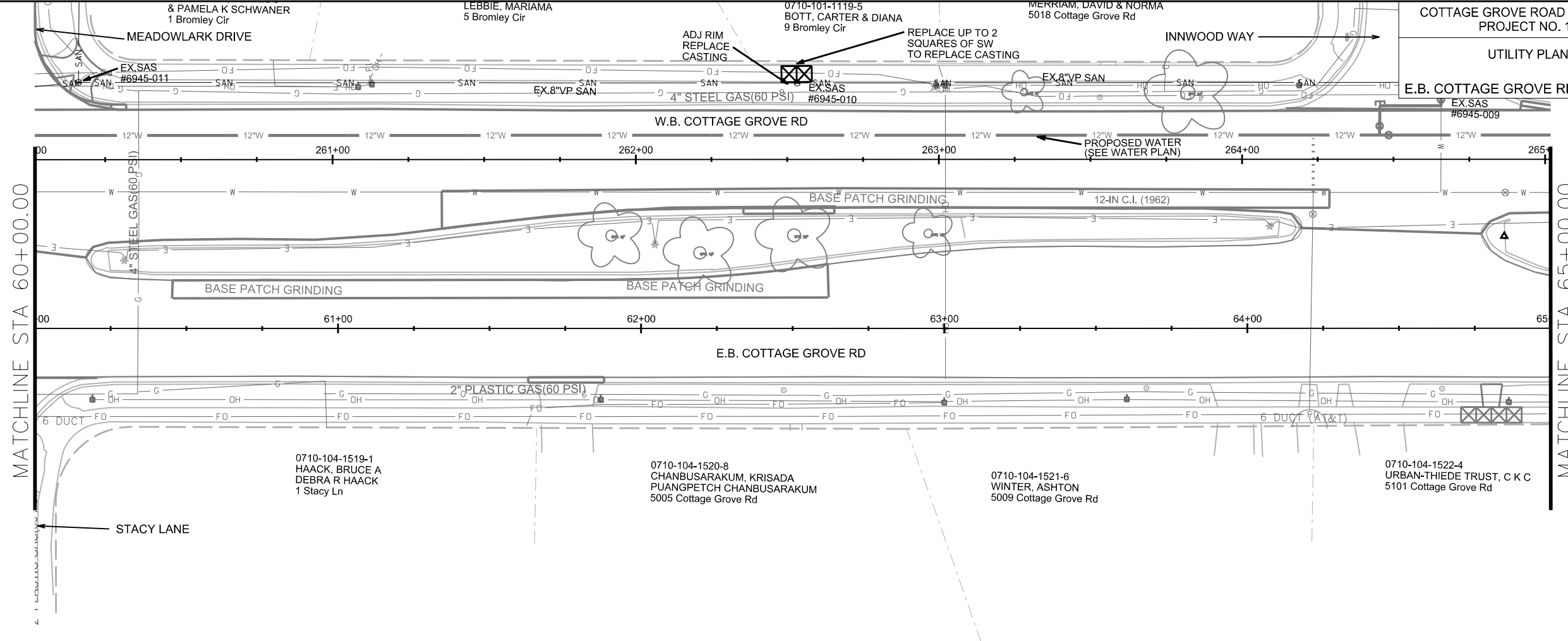


PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



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

0710-104-1209-4
REAMER, JAMES & CAROL
925 Inwood Way

REPLACE OLD SECTION OF DRIVEWAY & 2 SW SQUARES OF SW

0710-104-1210-1
MESSIAH EVANG. LUTHERAN CHURCH
5202 Cottage Grove Rd

COTTAGE GROVE ROAD RESURF - 2016
PROJECT NO. 11099

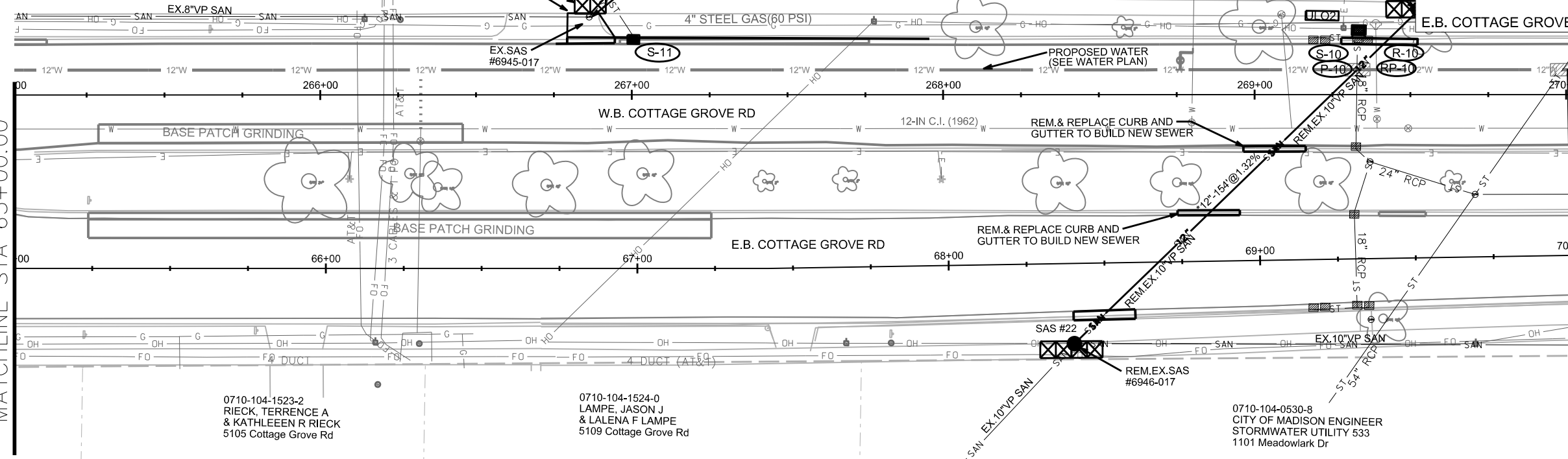
SHEET NO.
U-10

UTILITY PLAN AND PROFILE

E.B. COTTAGE GROVE RD CITY OF MADISON

MATCHLINE STA 65+00.00

MATCHLINE STA 70+00.00



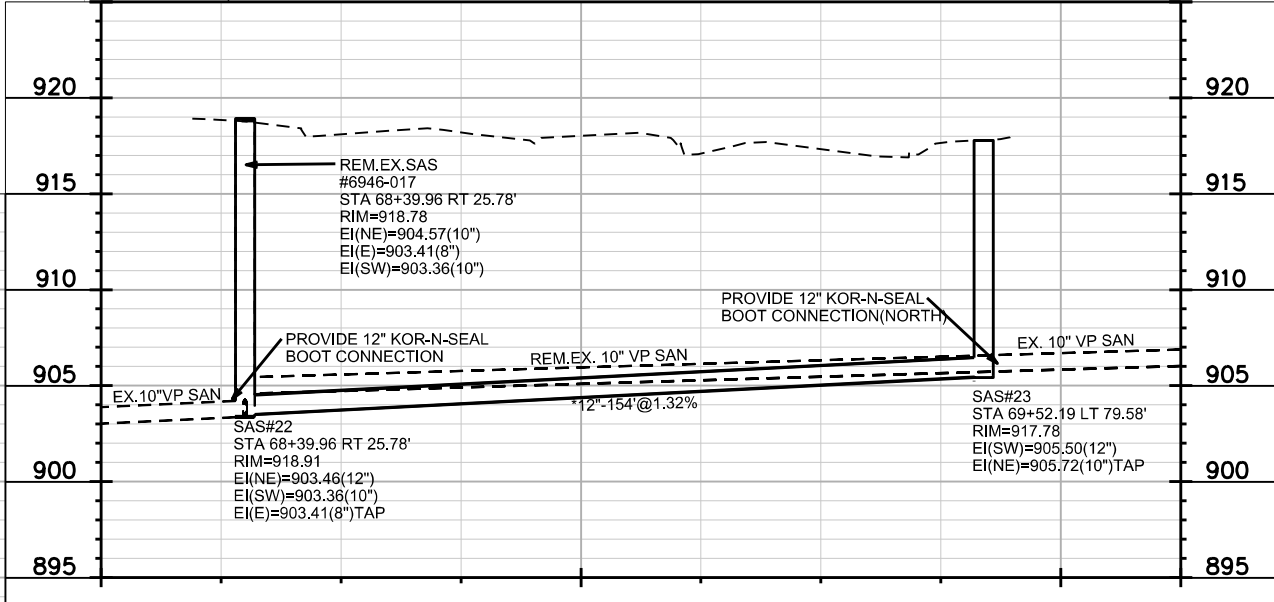
0710-104-1523-2
RIECK, TERENCE A & KATHLEEN R. RIECK
5105 Cottage Grove Rd

0710-104-1524-0
LAMPE, JASON J & LALENA F. LAMPE
5109 Cottage Grove Rd

0710-104-0530-8
CITY OF MADISON ENGINEER
STORMWATER UTILITY 533
1101 Meadowlark Dr

*PIPE SHALL CONFORM TO SPECIFICATIONS OF ASTM D3034 SDR-26 PIPE

CONTRACTOR SHALL REM & REP SIDEWALK & CURB AS NEEDED FOR TERRACE SEWER MAIN WORK OR SEWER ACCESS STRUCTURE REMOVAL (MAX. OF 4 SW SQUARES PER LATERAL & 20 FEET OF CURB & GUTTER)



REM.EX.SAS #6946-017
STA 68+39.96 RT 25.78'
RIM=918.78
EI(NE)=904.57(10")
EI(E)=903.41(8")
EI(SW)=903.36(10")

SAS#22
STA 68+39.96 RT 25.78'
RIM=918.91
EI(NE)=903.46(12")
EI(SW)=903.36(10")
EI(E)=903.41(8")TAP

SAS#23
STA 69+52.19 LT 79.58'
RIM=917.78
EI(SW)=905.50(12")
EI(NE)=905.72(10")TAP

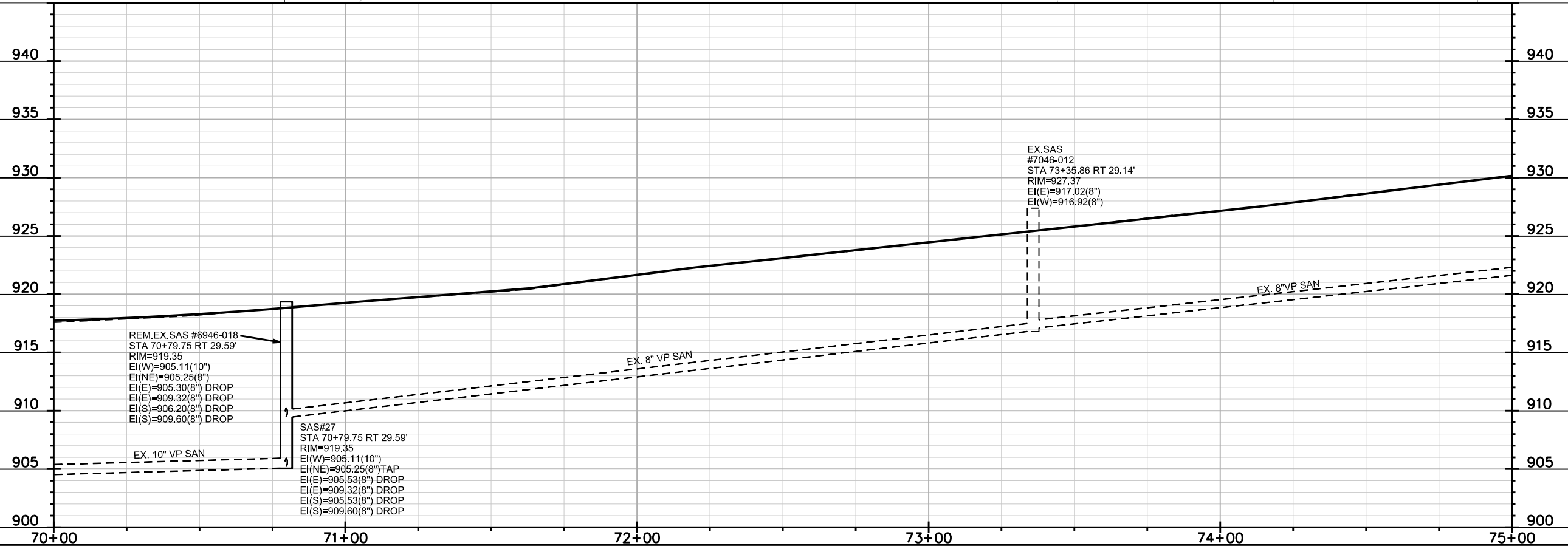
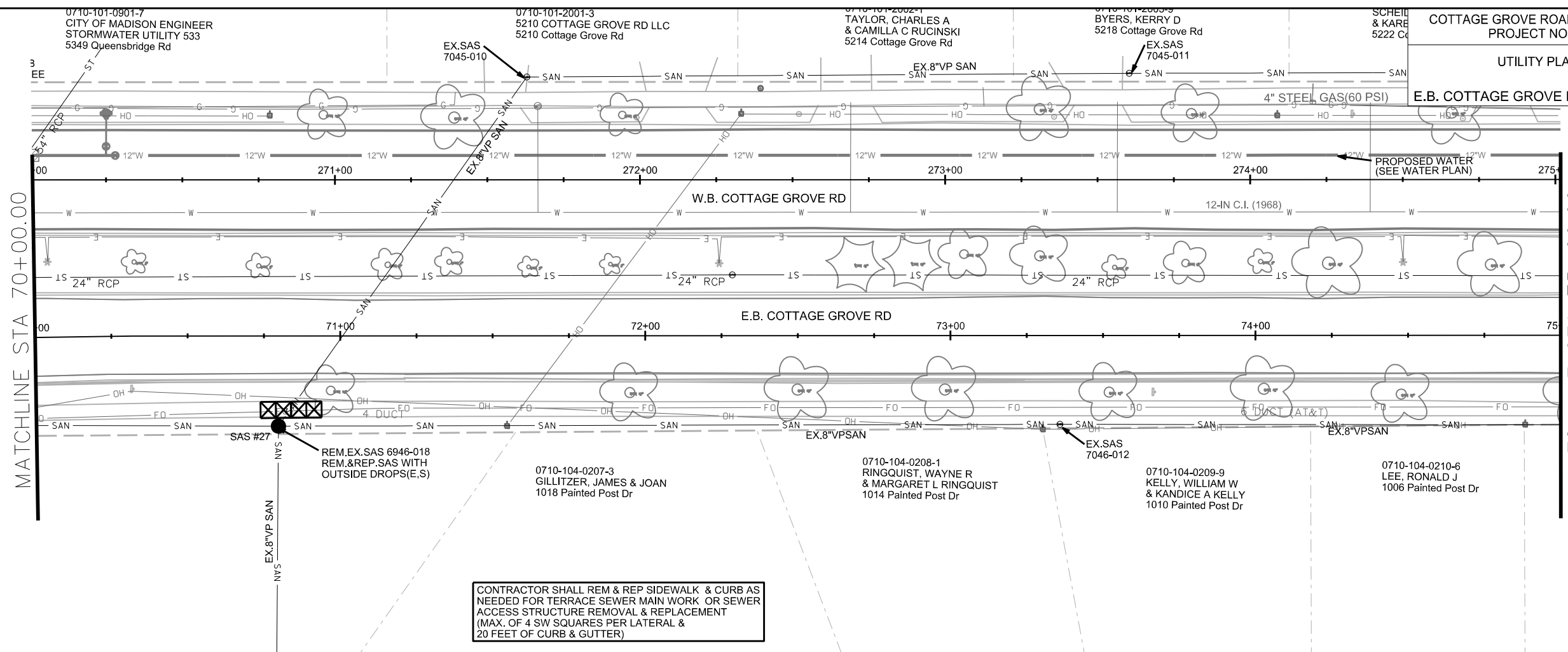
PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

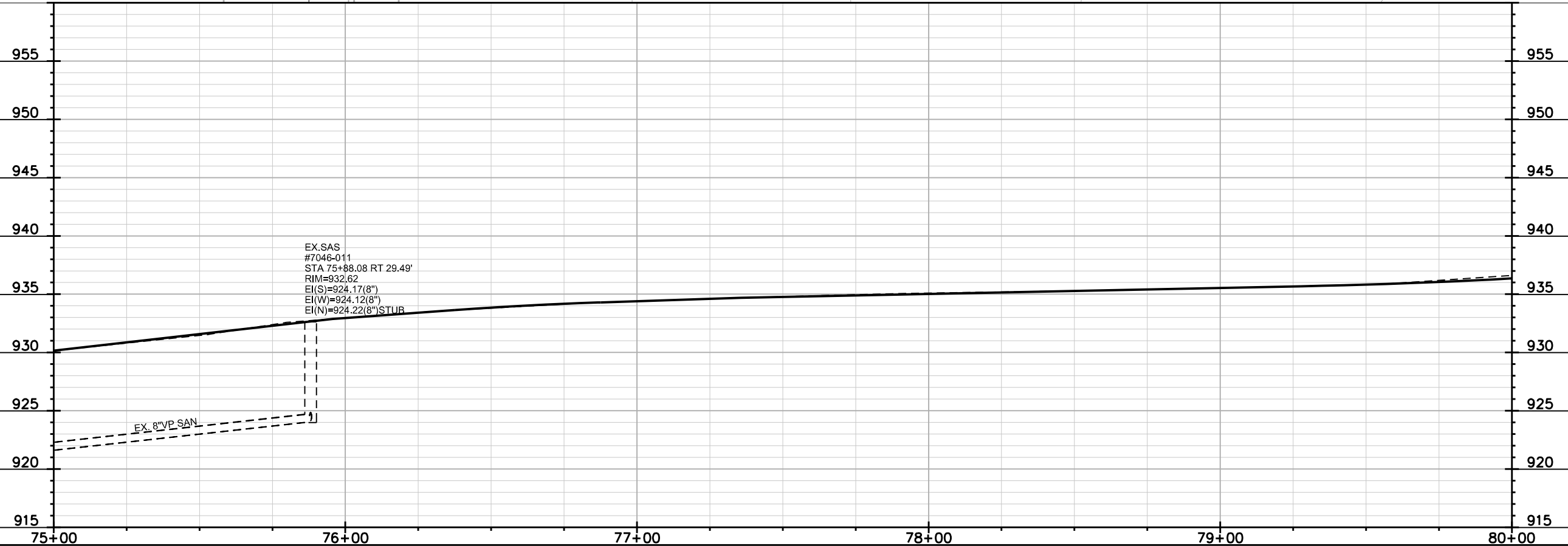
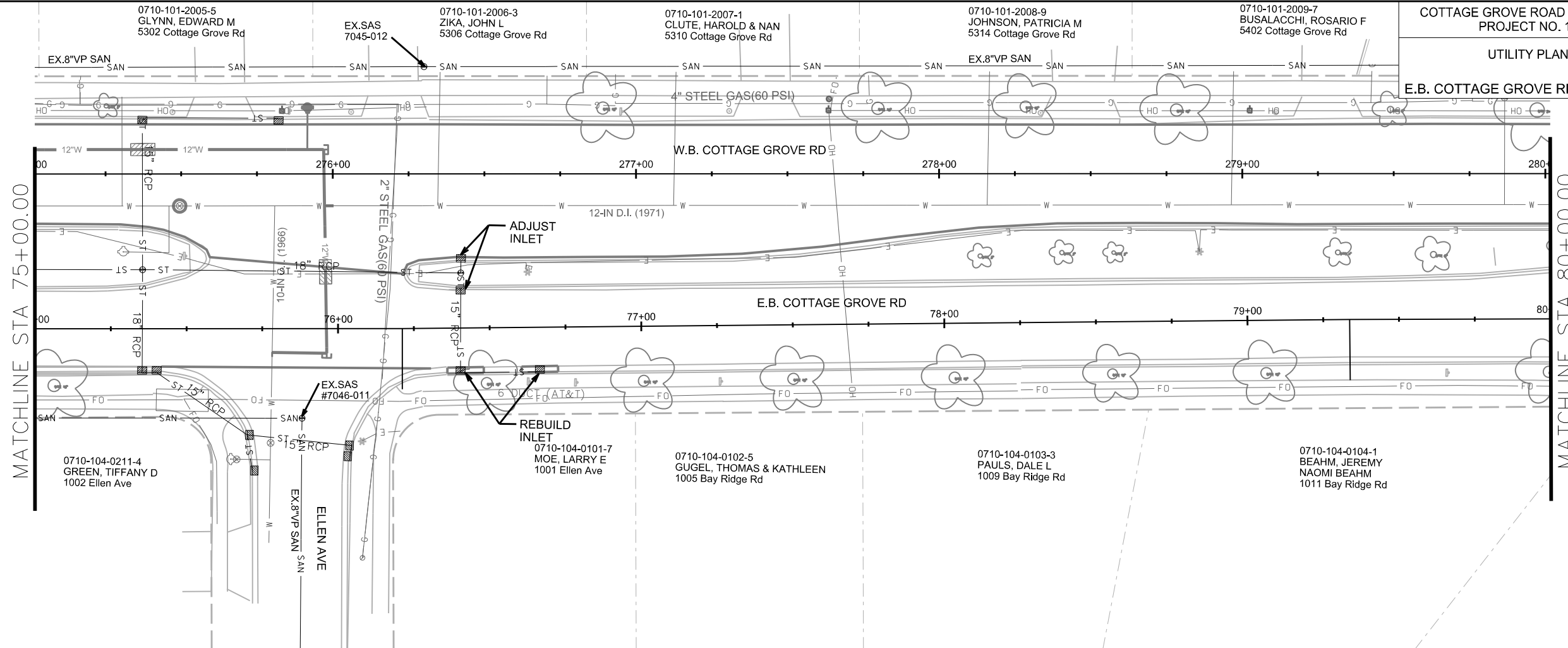
UTILITY PLAN AND PROFILE
E.B. COTTAGE GROVE RD
CITY OF MADISON



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

UTILITY PLAN AND PROFILE

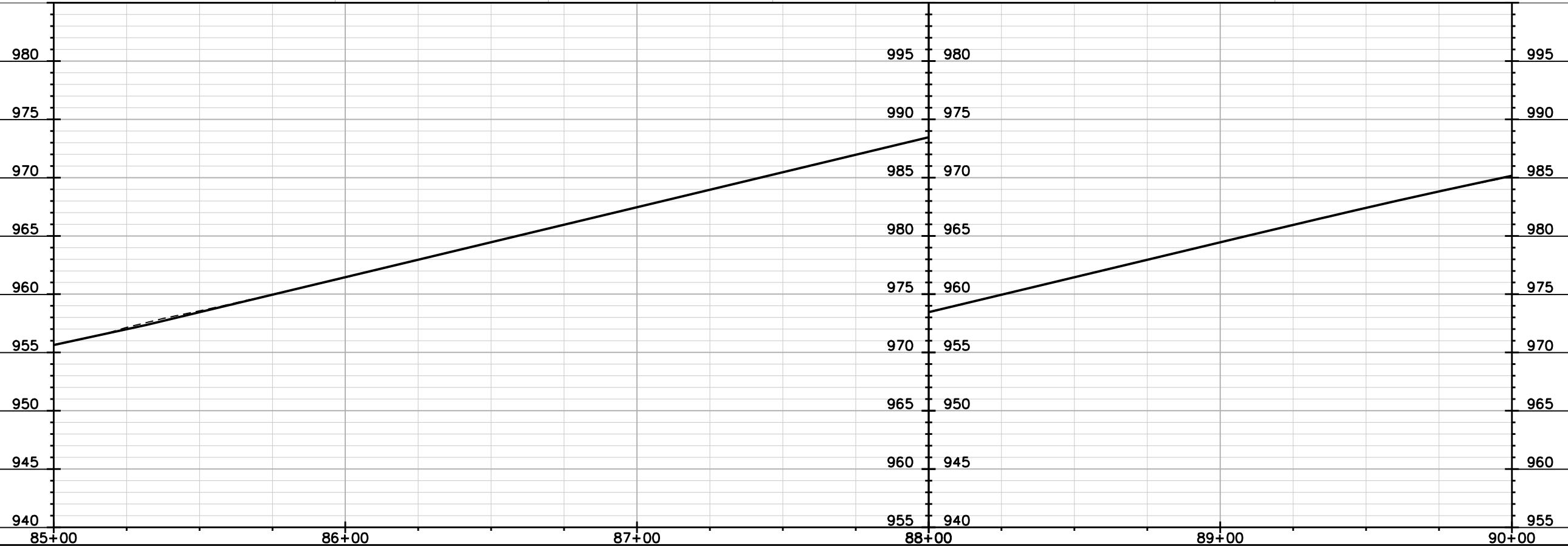
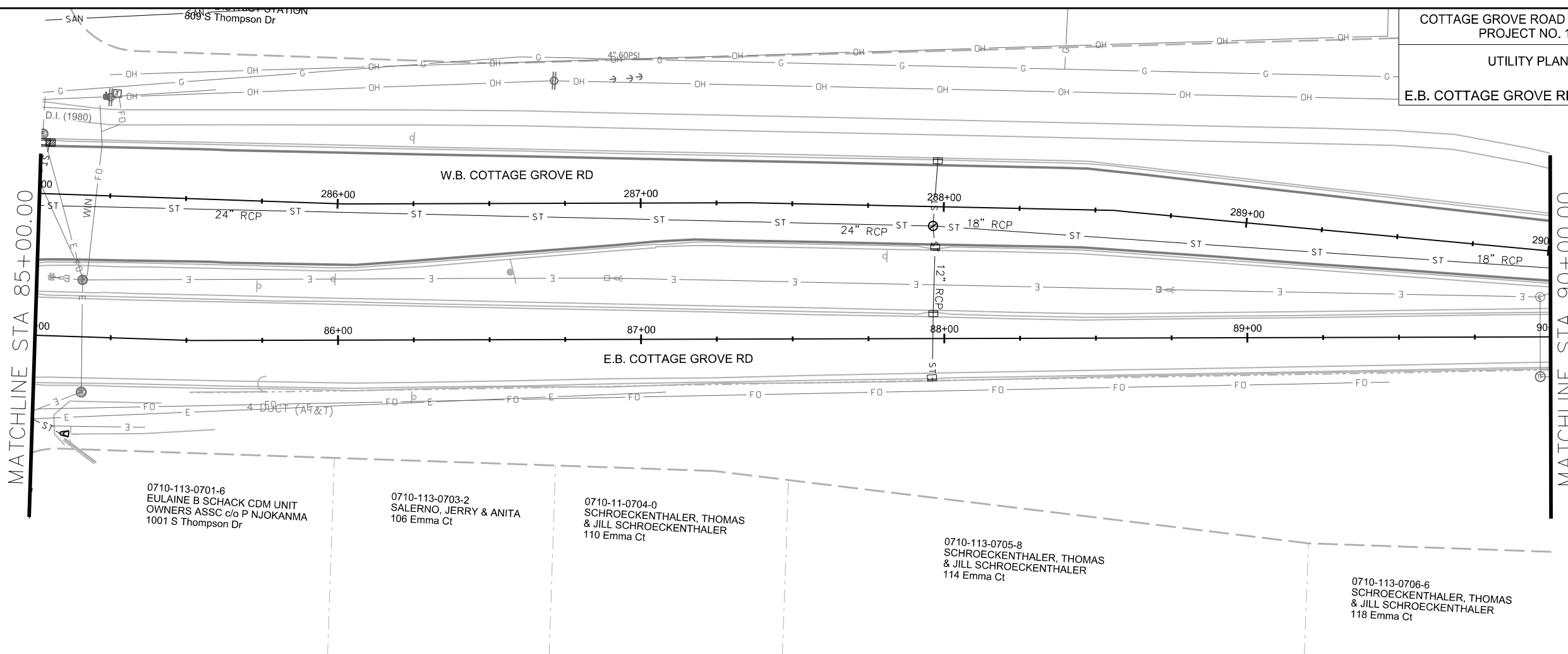
E.B. COTTAGE GROVE RD CITY OF MADISON



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

UTILITY PLAN AND PROFILE

E.B. COTTAGE GROVE RD CITY OF MADISON



PLOT SCALE:

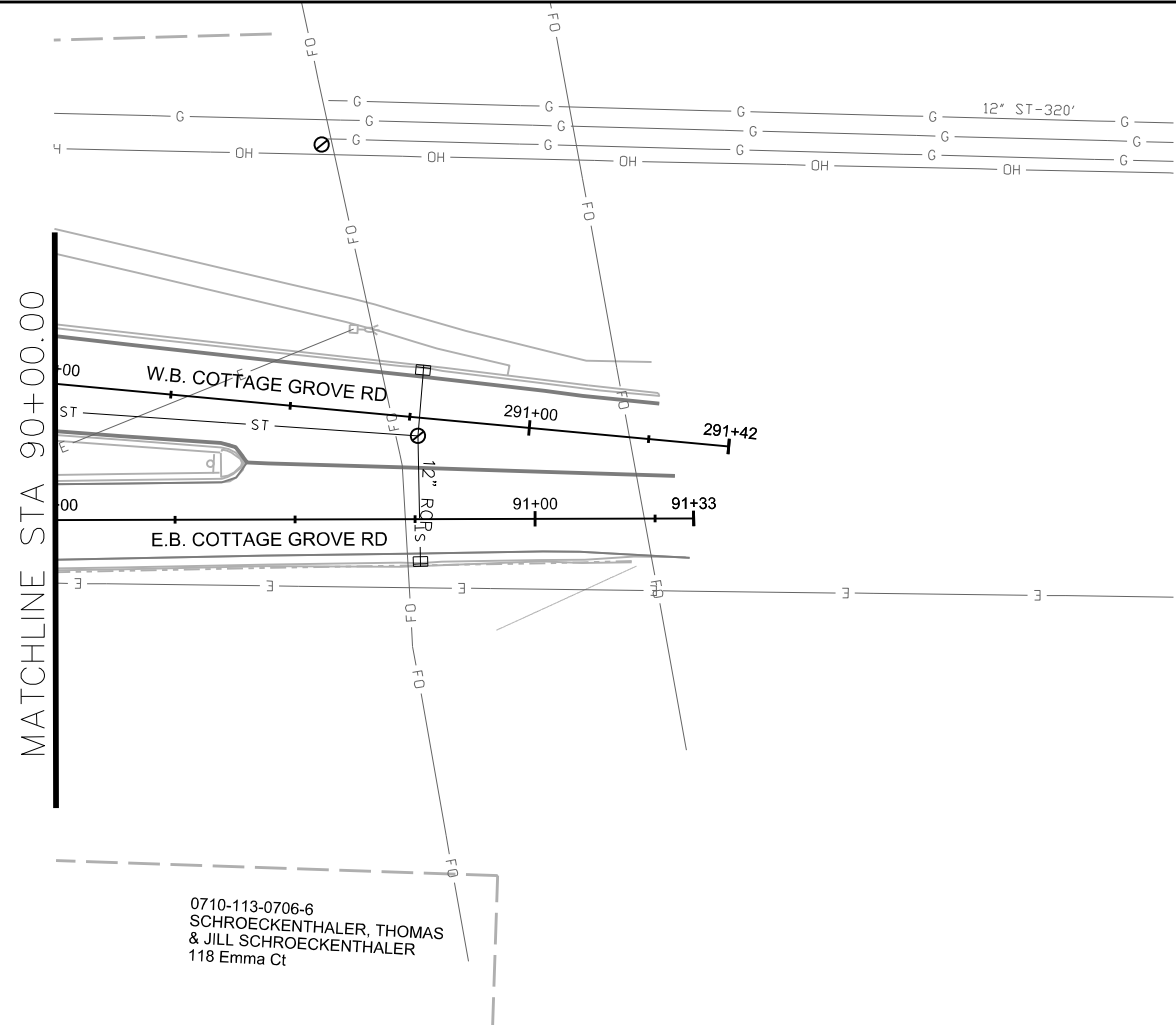
PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

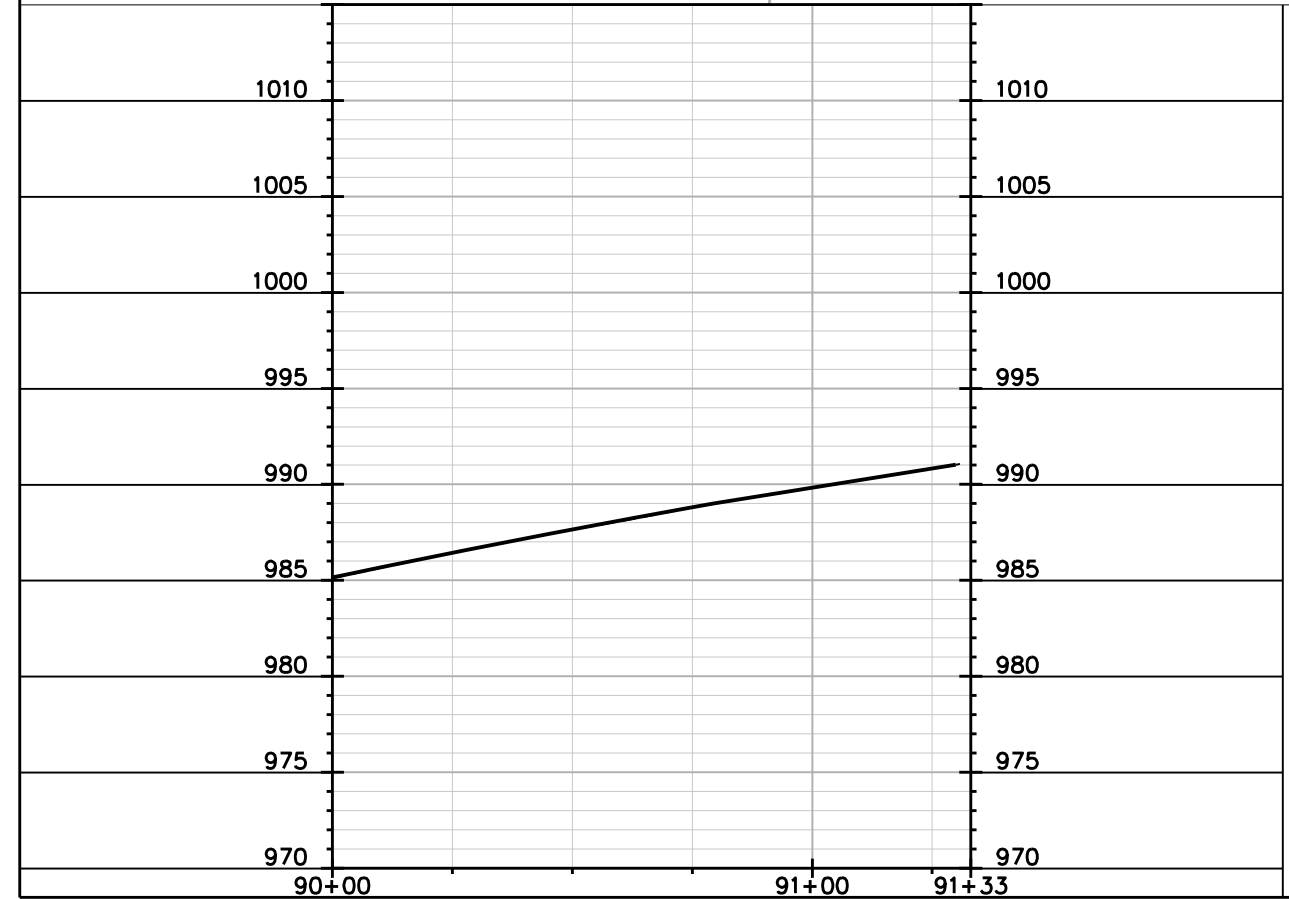
UTILITY PLAN AND PROFILE

E.B. COTTAGE GROVE RD CITY OF MADISON



MATCHLINE STA 90+00.00

0710-113-0706-6
SCHROECKENTHALER, THOMAS
& JILL SCHROECKENTHALER
118 Emma Ct



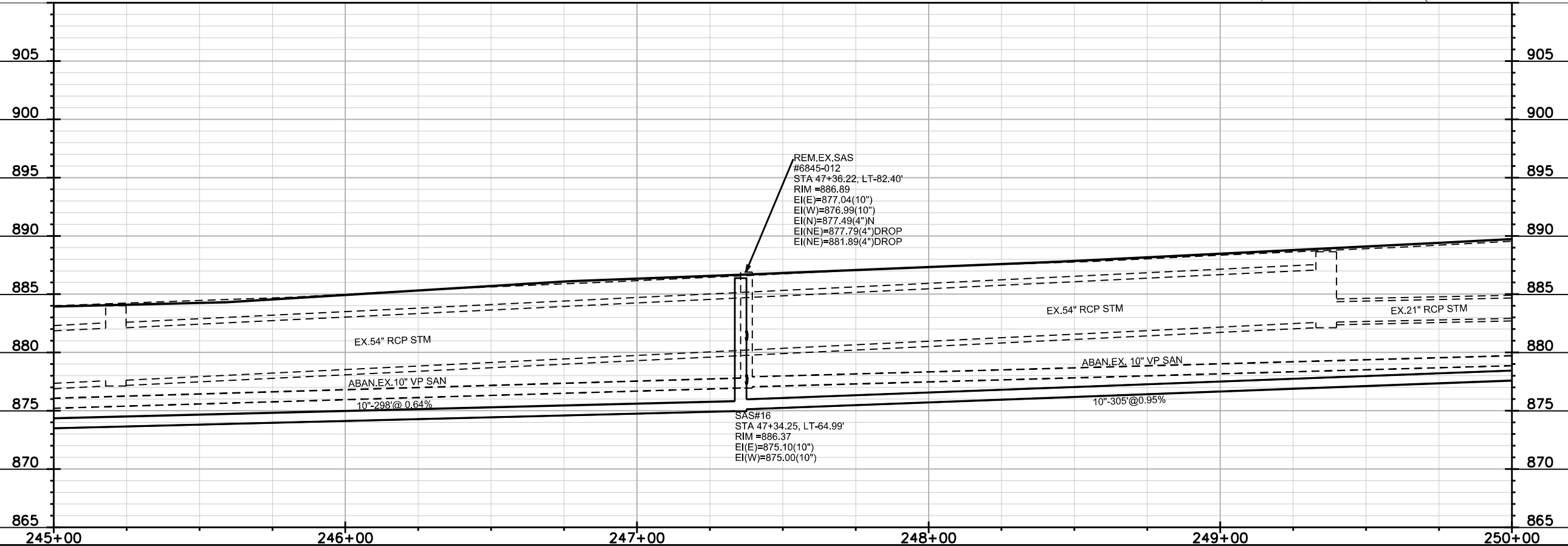
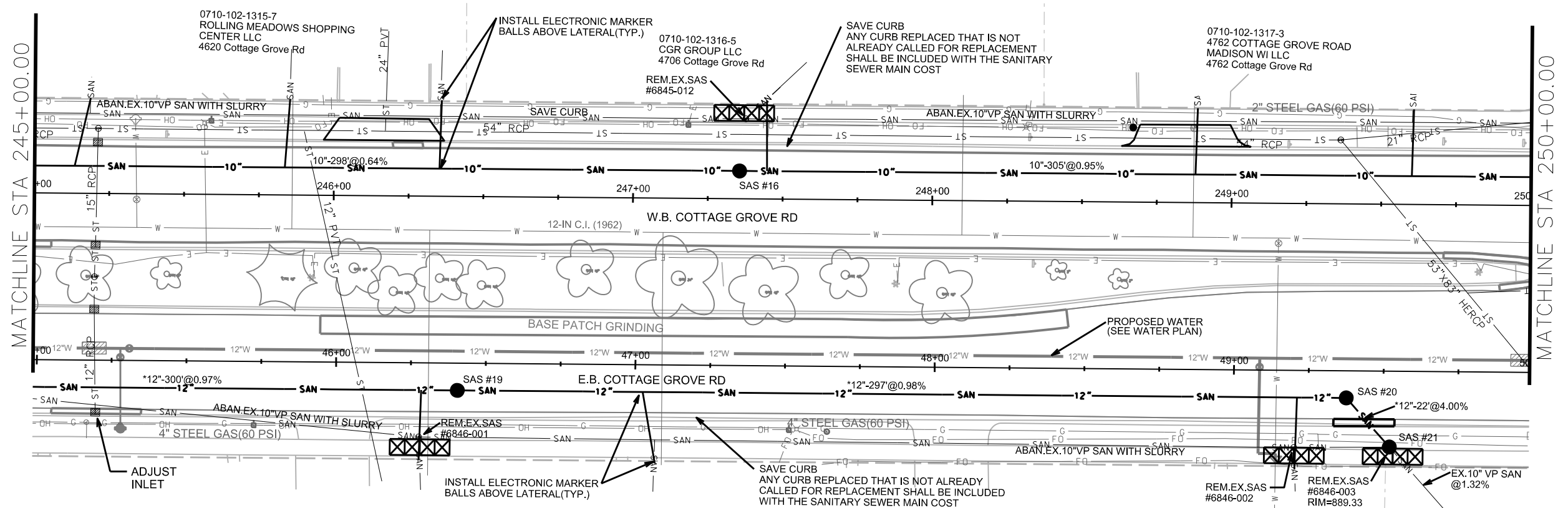
PLOT SCALE:

PLOT NAME:

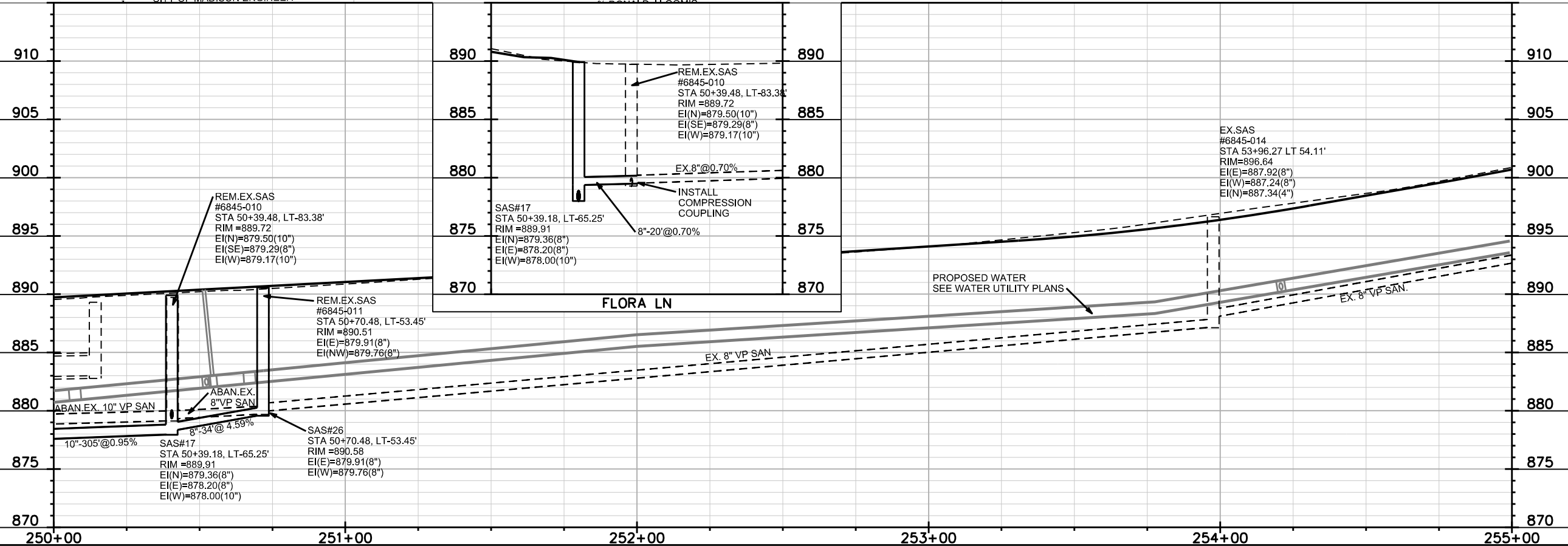
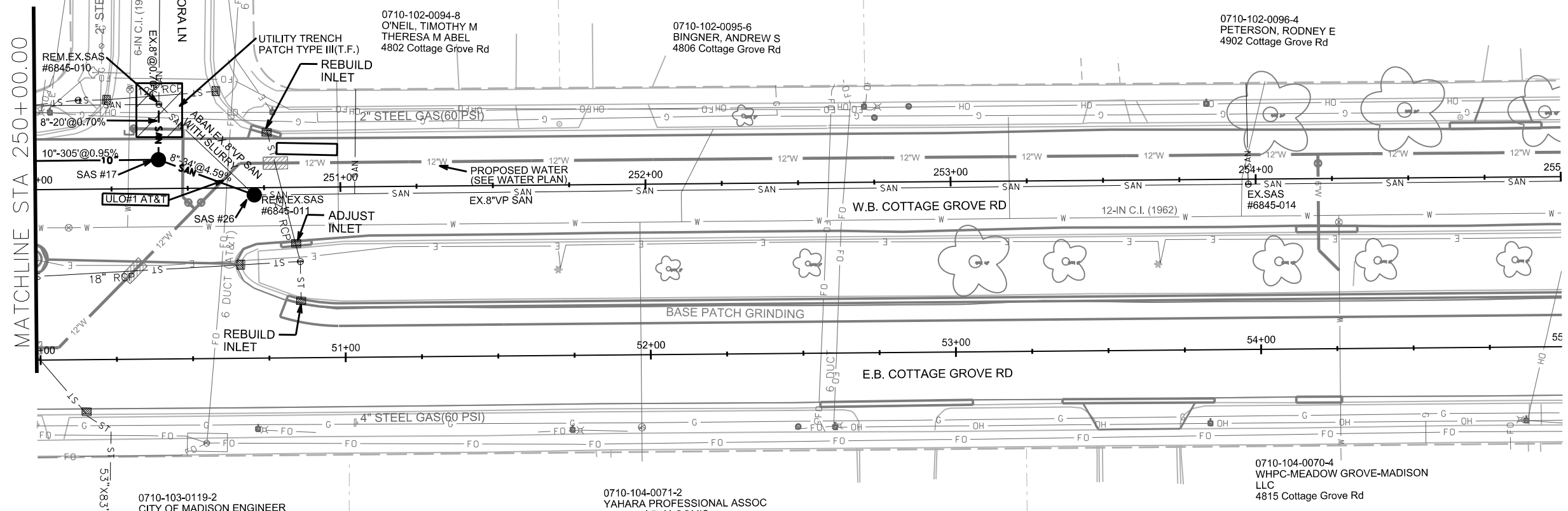
REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

CONTRACTOR SHALL REM & REP SIDEWALK & CURB AS NEEDED FOR LATERALS (MAX. OF 4 SW SQUARES PER LATERAL & 20 FEET OF CURB & GUTTER)



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



PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

SANITARY SCHEDULE

PROPOSED SANITARY STRUCTURES

SAS NO.	STATION	LOCATION (OFFSET)	TOP OF CASTING	E.I.	DEPTH	NOTES
COTTAGE GROVE ROAD EASTBOUND						
SAS#1	24+54.93	LT-45.61	873.90	863.62	10.28	5' DIAMETER, SEAL BARREL JOINTS
SAS#2	24+90.88	LT-22.67	874.31	863.71	10.60	5' DIAMETER, SEAL BARREL JOINTS
SAS#3	28+16.64	RT-4.25	876.58	864.20	12.38	5' DIAMETER, SEAL BARREL JOINTS
SAS#4	29+94.88	RT-6.77	879.79	864.45	15.34	5' DIA. ,OUTSIDE DROP TO SOUTH, SEAL BARREL JOINTS
SAS#5	29+95.68	RT-89.96	880.52	870.00	10.52	SEAL BARREL JOINTS
SAS#6	31+49.53	RT-7.53	881.27	864.76	16.51	5' DIAMETER, SEAL BARREL JOINTS
SAS#7	33+75.12	RT-8.48	882.80	865.20	17.60	5' DIAMETER, SEAL BARREL JOINTS
SAS#8	33+74.61	RT-37.87	883.14	868.00	15.14	SEAL BARREL JOINTS
SAS#9	33+74.17	LT-88.00	882.21	866.28	15.93	SEAL BARREL JOINTS
SAS#10	36+82.90	RT-8.55	880.65	865.94	14.71	5' DIAMETER, SEAL BARREL JOINTS
SAS#11	40+53.27	RT-8.64	881.16	866.82	14.34	5' DIAMETER, CHIMNEY SEAL, SEAL BARREL JOINTS
SAS#12	40+52.85	RT-45.49	881.20	867.35	13.85	CHIMNEY SEAL, SEAL BARREL JOINTS
SAS#13	40+53.48	LT-63.91	881.05	867.22	13.83	CHIMNEY SEAL, SEAL BARREL JOINTS
SAS#14	40+53.76	LT-98.33	880.72	867.45	13.27	CHIMNEY SEAL, SEAL BARREL JOINTS
SAS#15	44+36.12	LT-64.82	883.25	873.00	10.25	
SAS#16	47+34.25	LT-64.99	886.00	875.00	11.00	
SAS#17	50+39.18	LT-65.25	889.91	878.00	11.91	
SAS#18	43+40.74	RT-8.98	882.81	871.00	11.81	
SAS#19	46+40.56	RT-9.10	885.52	874.00	11.52	
SAS#20	49+37.58	RT-9.06	888.67	877.00	11.67	
SAS#21	49+52.12	RT-25.34	889.33	877.98	11.35	
SAS#22	68+39.96	RT-25.78	918.91	903.41	15.50	
SAS#23	69+52.19	LT-79.58	917.78	905.50	12.28	
SAS#24	84+07.42	RT-56.10	954.08	944.55	9.53	
SAS#25	84+93.06	RT-54.80	956.00	947.00	9.00	
SAS#26	50+70.48	LT-53.45	890.58	879.76	10.82	
SAS#27	70+79.75	RT-29.59	919.35	905.25	14.10	INSTALL OUTSIDE DROPS (BOTH EAST AND SOUTH)

CLEANOUT 24+45.09 RT-46.95 CLEANOUT REQUESTED BY PROPERTY OWNER

OUTSIDE DROPS

STRUCTURE	STATION	LOCATION (OFFSET)	EI (HIGH)	EI (LOW)	DROP V.F.	NOTES
SAS#4	29+94.88	RT-6.77	869.17	866.20	2.97	8" OUTSIDE DROP (SOUTH)
SAS#27	70+79.75	RT-29.59	909.32	905.53	3.79	8" OUTSIDE DROP (EAST)
SAS#27	70+79.75	RT-29.59	909.60	905.53	4.07	8" OUTSIDE DROP (SOUTH)

ADJUST SANITARY STRUCTURES

STRUCTURE	STATION	LOCATION (OFFSET)	EX. ADJ.HT (FT)	EX. RIM	PROP. RIM	NOTES
EX.SAS#6845-013	57+25.78	LT-54.27	0.500	911.03	911.03	4' DIA. PRECAST ROUND STYLE EX. STRUCTURE, NO CASTING SWAP
EX.SAS#6945-010	62+51.45	LT-80.98	0.250	925.4	925.40	REPLACE PIN STYLE CASTING WITH NEW CASTING INCIDENTAL TO ADJUST
EX.SAS#6945-017	66+84.57	LT-80.82	0.500	923.27	923.27	REPLACE PIN STYLE CASTING WITH NEW CASTING INCIDENTAL TO ADJUST

PROPOSED SANITARY PIPES

FROM SAS (DWNSTRM)	TO SAS (UPSTREAM)	EI # (DWNSTRM)	EI # (UPSTRM)	LENGTH (FT)	SLOPE (%)	SIZE (DIA)	PVC TYPE	NOTES
EX.SAS#6646-001	SAS#1	863.47	863.62	114	0.13%	21"	ASTM F679, PS115	
SAS#1	SAS#2	863.65	863.71	42	0.14%	21"	ASTM F679, PS115	
SAS#2	SAS#3	863.74	864.17	325	0.13%	21"	ASTM F679, PS115	
SAS#3	SAS#4	864.20	864.45	178	0.14%	21"	ASTM F679, PS115	
SAS#4	SAS#5	869.17	870.00	83	1.00%	8"	ASTM D3034 SDR-35	
SAS#4	SAS#6	864.48	864.76	155	0.18%	21"	ASTM F679, PS115	
SAS#6	SAS#7	864.79	865.20	226	0.18%	21"	ASTM F679, PS115	
SAS#7	SAS#8	866.30	868.00	29	5.86%	8"	ASTM D3034 SDR-26	
SAS#7	SAS#9	865.90	866.28	96	0.40%	8"	AWWA C900 DR 18	
SAS#7	SAS#10	865.23	865.94	308	0.23%	21"	ASTM F679, PS115	
SAS#10	SAS#11	865.97	866.82	370	0.23%	21"	ASTM F679, PS115	
SAS#11	SAS#12	867.20	867.35	37	0.41%	12"	ASTM D3034 SDR-26	
SAS#11	SAS#13	866.92	867.22	73	0.41%	15"	ASTM D3034 SDR-26	
SAS#13	SAS#14	867.32	867.45	34	0.38%	12"	ASTM D3034 SDR-26	
SAS#13	SAS#15	868.00	873.00	383	1.31%	10"	ASTM D3034 SDR-26	
SAS#15	SAS#16	873.10	875.00	298	0.64%	10"	ASTM D3034 SDR-35	
SAS#16	SAS#17	875.10	878.00	305	0.95%	10"	ASTM D3034 SDR-35	
SAS#11	SAS#18	868.00	871.00	287	1.05%	12"	ASTM D3034 SDR-26	
SAS#18	SAS#19	871.10	874.00	300	0.97%	12"	ASTM D3034 SDR-26	
SAS#19	SAS#20	874.10	877.00	297	0.98%	12"	ASTM D3034 SDR-26	
SAS#20	SAS#21	877.10	877.98	22	4.00%	12"	ASTM D3034 SDR-26	
SAS#17	EX.SAS#6845-010	879.36	879.50	20	0.70%	8"	ASTM D3034 SDR-35	
SAS#17	SAS#26	878.20	879.76	34	4.59%	8"	ASTM D3034 SDR-35	
SAS#22	SAS#23	903.46	905.50	154	1.32%	12"	ASTM D3034 SDR-26	
SAS#24	SAS#25	944.65	947.00	86	2.73%	8"	ASTM D3034 SDR-35	COMPRESSION COUPLING

UTILITY LINE OPENINGS

ULO	STATION	LOCATION (OFFSET)	ELEVATION
ULO #1 AT&T	250+61.00	LT-2.00	

PLOT SCALE: --- PLOT NAME: --- REV. DATE: ---

SANITARY REMOVAL SCHEDULE

SANITARY SEWER PIPE REMOVALS

FROM SAS (DWNSTRM)	TO SAS (UPSTREAM)	LENGTH Feet	PAID (Y/N)*	SIZE (DIA in)	PIPE TYPE	NOTE
6646-001	SAS#1	114.00	Y	15"	AC	REMOVE ASBESTOS CEMENT PIPE
6746-001	SAS#7	20.00	N	8"	VP	REMOVE
SAS#7	SAS#8	29.00	N	8"	VP	REMOVE
6746-001	SAS#9	77.00	N	8"	VP	REMOVE
6746-011	SAS#13	63.00	Y	10"	AC	REMOVE ASBESTOS CEMENT PIPE
SAS#13	SAS#14	33.00	Y	10"	AC	REMOVE ASBESTOS CEMENT PIPE
6746-011	SAS#11	11.00	Y	10"	AC	REMOVE ASBESTOS CEMENT PIPE
SAS#11	SAS#12	37.00	Y	10"	AC	REMOVE ASBESTOS CEMENT PIPE
6946-017	SAS#23	154.00	N	10"	VP	REMOVE
7046-013	SAS#25	86	N	8"	VP	REMOVE

REMOVE SEWER ACCESS STRUCTURES

STRUCTURE	STATION	LOCATION (OFFSET)	RIM	EI	DEPTH	NOTES
6646-008	25+77.70	LT-37.98	874.88	865.18	9.70	
6646-007	29+74.37	LT-15.75	879.36	865.21	14.15	
6646-006	31+24.99	LT-13.40	881.09	865.94	15.15	
6746-001	33+75.61	LT-11.46	882.55	866.05	16.50	
6746-010	37+26.09	LT-7.34	880.57	867.42	13.15	
6746-011	40+53.39	LT-2.25	881.26	868.86	12.40	
6745-008	41+36.96	LT-83.91	881.81	870.26	11.55	
6746-012	43+36.75	LT-1.79	883.22	869.79	13.43	
6745-009	44+36.48	LT-82.46	883.65	874.70	8.95	
6846-001	46+27.76	RT-24.74	885.5	875.61	9.89	
6845-012	47+36.22	LT-82.40	886.89	876.99	9.90	
6846-002	49+20.18	RT-25.78	888.87	878.53	10.34	
6846-003	49+52.12	RT-25.34	889.33	878.93	10.40	
6845-010	50+39.48	LT-83.38	889.72	879.17	10.55	
6845-011	50+70.48	LT-53.45	890.51	879.76	10.75	
6946-017	68+39.96	RT-25.78	918.78	903.36	15.42	
6946-018	70+79.75	RT-29.59	919.35	905.11	14.24	
7046-013	84+07.42	RT-56.10	954.08	944.55	9.53	
7146-002	84+93.06	RT-54.80	956.00	944.75	11.25	

NOTE: PIPES WITHIN THE SAME TRENCH (WITH 3') CONSIDERED INCIDENTAL TO NEW SEWER INSTALLATION. ASBESTOS CEMENT PIPE REMOVAL IS CONSIDERED PAYABLE REGARDLESS OF LOCATION.

SANITARY SEWER PIPE ABANDONMENTS

FROM SAS (DWNSTRM)	TO SAS (UPSTREAM)	LENGTH Feet	PAID (Y/N)*	SIZE (DIA in)	PIPE TYPE	NOTE
SAS#1	6646-008	119.00	Y	15"	VP	ABANDON EXISTING 15" DIA. SEWER WITH SLURRY
6646-008	6646-007	400.00	Y	15"	AC	ABANDON EXISTING 15" DIA. SEWER WITH SLURRY
6646-007	SAS#5	108.00	Y	8"	VP	ABANDON EXISTING 8" SEWER WITH SLURRY
6646-007	6646-006	151.00	Y	15"	AC	ABANDON EXISTING 15" DIA. SEWER WITH SLURRY
6646-006	6746-001	251.00	Y	15"	AC	ABANDON EXISTING 15" DIA. SEWER WITH SLURRY
6746-001	6746-010	351.00	Y	15"	AC	ABANDON EXISTING 15" DIA. SEWER WITH SLURRY
6746-010	6746-011	327.00	Y	15"	AC	ABANDON EXISTING 15" DIA. SEWER WITH SLURRY
6746-011	6745-008	117.00	Y	10"	VP	ABANDON EXISTING 10" DIA. SEWER WITH SLURRY
6746-011	6746-012	283.00	Y	10"	VP	ABANDON EXISTING 10" DIA. SEWER WITH SLURRY
6746-012	6846-001	292.00	Y	10"	VP	ABANDON EXISTING 10" DIA. SEWER WITH SLURRY
6846-001	6846-002	292.00	Y	10"	VP	ABANDON EXISTING 10" DIA. SEWER WITH SLURRY
6846-002	6846-003	32.00	Y	10"	VP	ABANDON EXISTING 10" DIA. SEWER WITH SLURRY
6745-008	6745-009	300.00	Y	10"	VP	ABANDON EXISTING 10" DIA. SEWER WITH SLURRY
6745-009	6845-012	299.00	Y	10"	VP	ABANDON EXISTING 10" DIA. SEWER WITH SLURRY
6845-012	6845-010	303.00	Y	10"	VP	ABANDON EXISTING 10" DIA. SEWER WITH SLURRY
6845-010	6845-011	43.00	Y	10"	VP	ABANDON EXISTING 10" DIA. SEWER WITH SLURRY

*NOTE: IF PIPE SEPARATION GREATER THAN 3' FROM PIPE BEING REMOVED, PIPE REMOVAL COMPENSABLE.

STORM SEWER SCHEDULE

REV. 06/08/2016 ELD

COTTAGE GROVE ROAD RESURFACING ASSESSMENT DISTRICT - 2016		SHEET NO. U-21
PROJECT NO. 11099 STORM SEWER SCHEDULE		
COTTAGE GROVE ROAD		CITY OF MADISON

STRUCTURES

STRUC. NO.	STATION	LOCATION (OFFSET)	TYPE	TOP OF CASTING	E.I.	DEPTH	NOTES
STORM NEAR ATLAS AVE (WESTBOUND ALIGNMENT)							
S-1	230+53.65	LT-9.06	3'X3' SAS SPECIAL	880.32	847.25	-	W/ R-1550-0054; (1)
S-2	230+53.78	LT-17.41	H INLET	880.57	877.03	3.54	W/ R-3067-7004-V
S-3	230+56.05	RT-28.85	H INLET	880.39	877.18	3.21	W/ R-3067-7004-V
STORM AT ACEWOOD AVE (EASTBOUND ALIGNMENT)							
S-4	40+33.03	RT-15.15	6'X6' CATCHBASIN	880.93	872.03	8.90	W/ R-1550-0054 (x2); (2); (3)
STORM AT ACEWOOD AVE (WESTBOUND ALIGNMENT)							
S-10	269+33.44	LT-20.73	TERRACE INLET TYPE III	917.25	913.74	3.51	PER S.D.D. 5.7.12B; (2); (4)
S-11	267+00.00	LT-17.50	CURB OUTLET STRUCTURE	922.80	920.50	2.30	PER S.D.D. 5.7.3; (2)
STORM AT S THOMPSON (EASTBOUND ALIGNMENT)							
S-20	84+22.47	RT-48.28	3'X3' SAS	952.75	949.30	3.45	W/ R-3067-7004-V; (2)
S-21	84+72.37	LT-49.22	TERRACE INLET TYPE III	953.91	949.66	4.25	PER S.D.D. 5.7.12B; (4)
STORM AT LUMBERMANS TRL (EASTBOUND ALIGNMENT)							
S-30	23+83.62	RT-14.80	TAP	-	869.88	-	TAP EX IN 6646-001.
S-31	29+86.80	RT-15.84	3X3 SAS	879.45	876.37	3.08	W/ R-1550-0054
S-32	30+54.49	RT-15.50	H INLET	880.82	877.14	3.68	W/ R-3067-7004-V
S-33	29+84.26	RT-57.05	H INLET	880.49	877.00	3.49	W/ R-3067-7004-V
S-34	30+22.51	RT-58.26	H INLET	880.65	877.48	3.17	W/ R-3067-7004-V

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	8.5	6	877.00	877.03	0.50%	12"	RCP	-
P-2	S-1	S-3	38	35.5	877.00	877.18	0.51%	12"	RCP	-
P-10	MATCH	S-10	20*		MATCH	913.74	MATCH	18"	RCP	(5)
P-20	S-20	S-21	50	47.5	949.30	949.66	0.76%	18"	RCP	-
P-30	S-30	S-31	203	200	869.88	876.37	3.24%	15"	RCP	-
P-31	S-31	S-32	68	65	876.62	877.14	0.80%	12"	RCP	-
P-32	S-31	S-33	41	38	876.37	877.00	1.65%	15"	RCP	-
P-33	S-33	S-34	38	36	877.25	877.48	0.63%	12"	RCP	-

STORM STRUCTURE REMOVALS

STRUC. NO.	ID NO.	STATION	LOCATION (OFFSET)	TYPE	NOTES
R-1	AS6746-022	40+32.74	RT-10.89	5X7 CATCHBASIN	-
R-10	IN6945-008	269+33.03	LT-18.10	DOUBLE H INLET	PAID AS 2 REMOVE INLET
R-20	IN7146-021	84+21.75	RT-58.04	H INLET	-
R-21	IN7146-019	84+68.68	RT-59.55	DOUBLE H INLET	PAID AS 2 REMOVE INLET
R-22	IN7146-018	84+68.68	RT-52.55	DOUBLE H INLET	PAID AS 2 REMOVE INLET

STORM PIPE REMOVALS

PIPE REMOVAL NO.	REMOVE FROM	REMOVE TO	LENGTH (FT)	PAID (Y/N)	SIZE	TYPE	NOTES
RP-10	MATCH	R-10	20*	N	18"	RCP	- (5)
RP-20	R-20	R-21	50	N	18"	RCP	-
RP-21	R-21	R-22	7	N	18"	RCP	-

ULO SCHEDULE

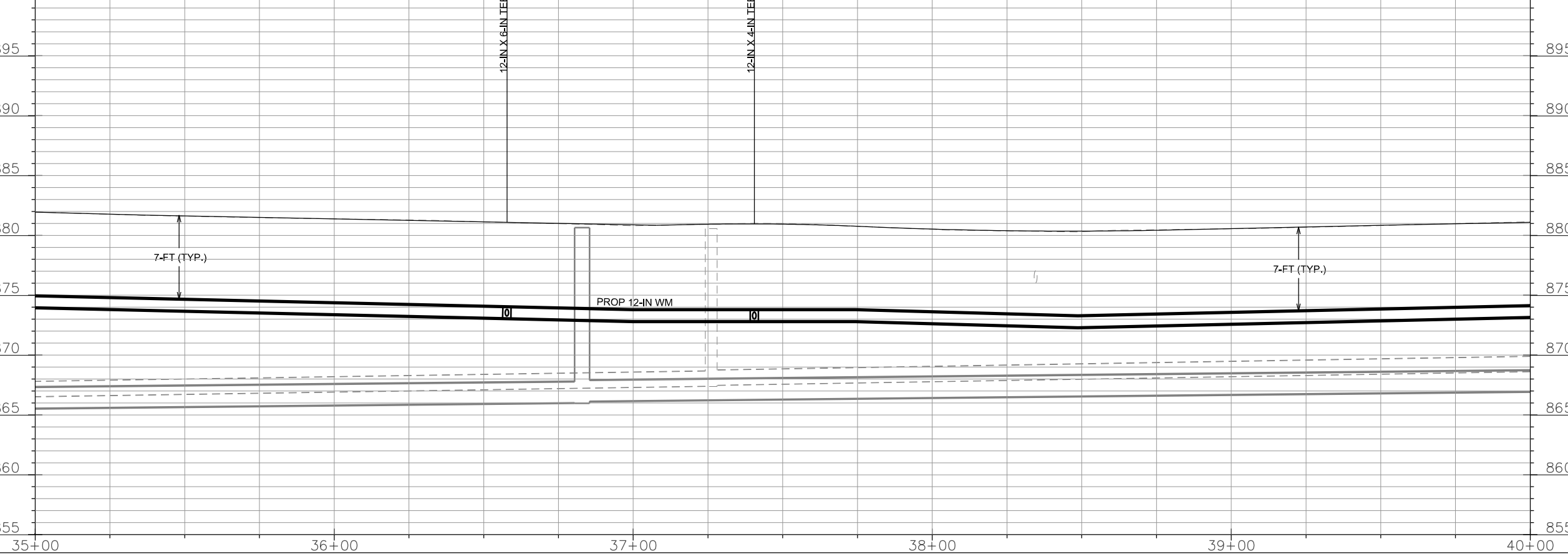
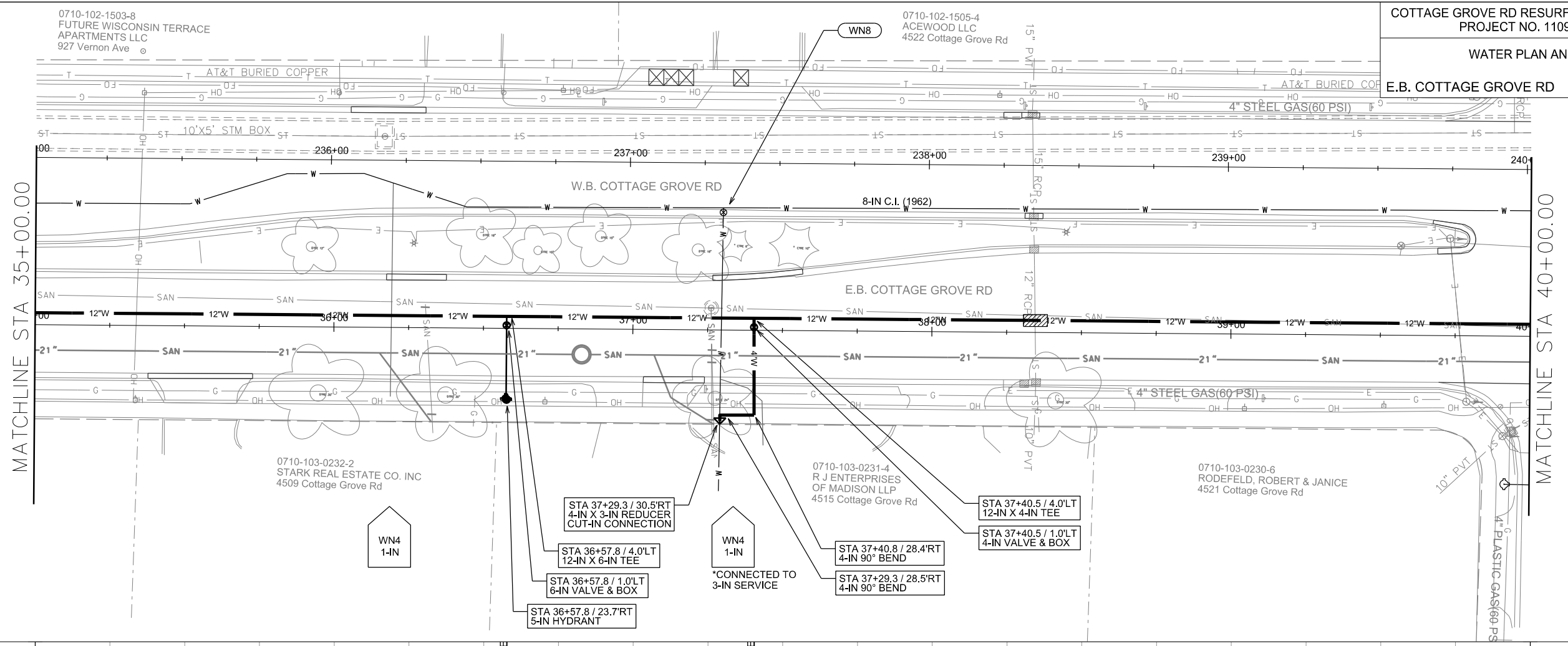
ID NO.	STATION	LOCATION (OFFSET)	TYPE	NOTES
ULO 1	230+53.65	LT-9.00	10'X5' STORM BOX	VERIFY DEPTH FOR S-1
ULO 2	269+33.44	LT-24.00	GAS	-

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.

SPECIFIC NOTES

- (1) BID ITEM 90030 - TAP SHALL ALIGN WITH INSIDE EDGE OF STORM BOX (SEE SHEET D-2)
- (2) RECONNECT EXISTING PIPES
- (3) PER S.D.D. 5.7.4 WITH 3' SUMP BELOW E.I.
- (4) GRATE ELEVATION 0.1' BELOW TOP OF CASTING (CURB ELEVATION) LISTED ABOVE
- (5) ESTIMATED PIPE REMOVAL AND REPLACEMENT LENGTH FOR CITY UTILITY INSTALLATION. MATCH PIPE GRADE IN FIELD.

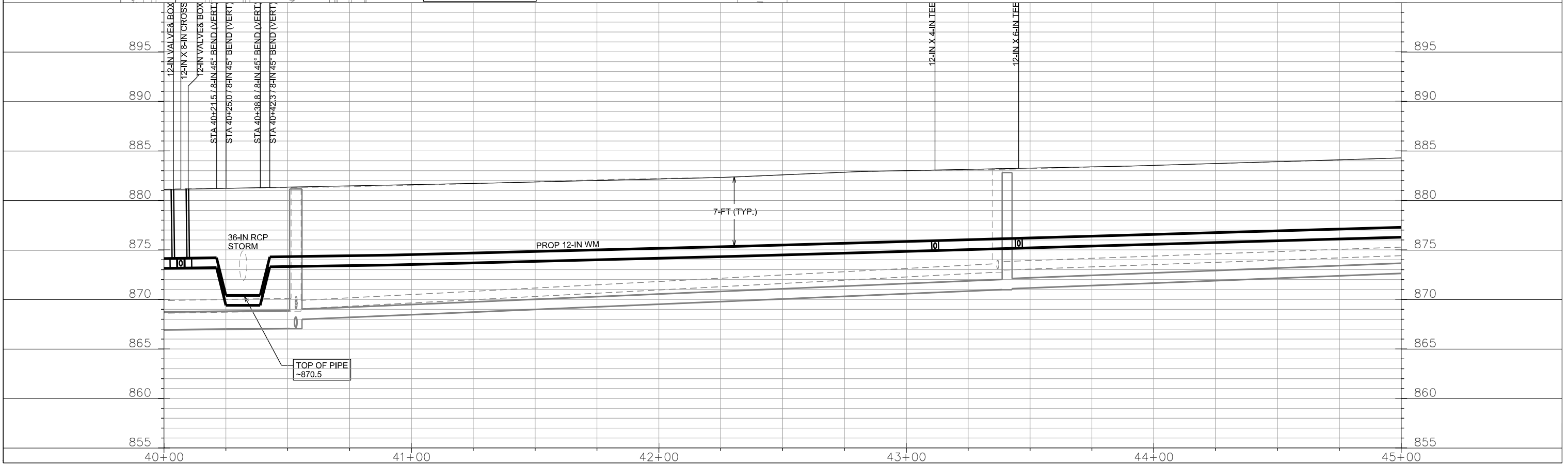
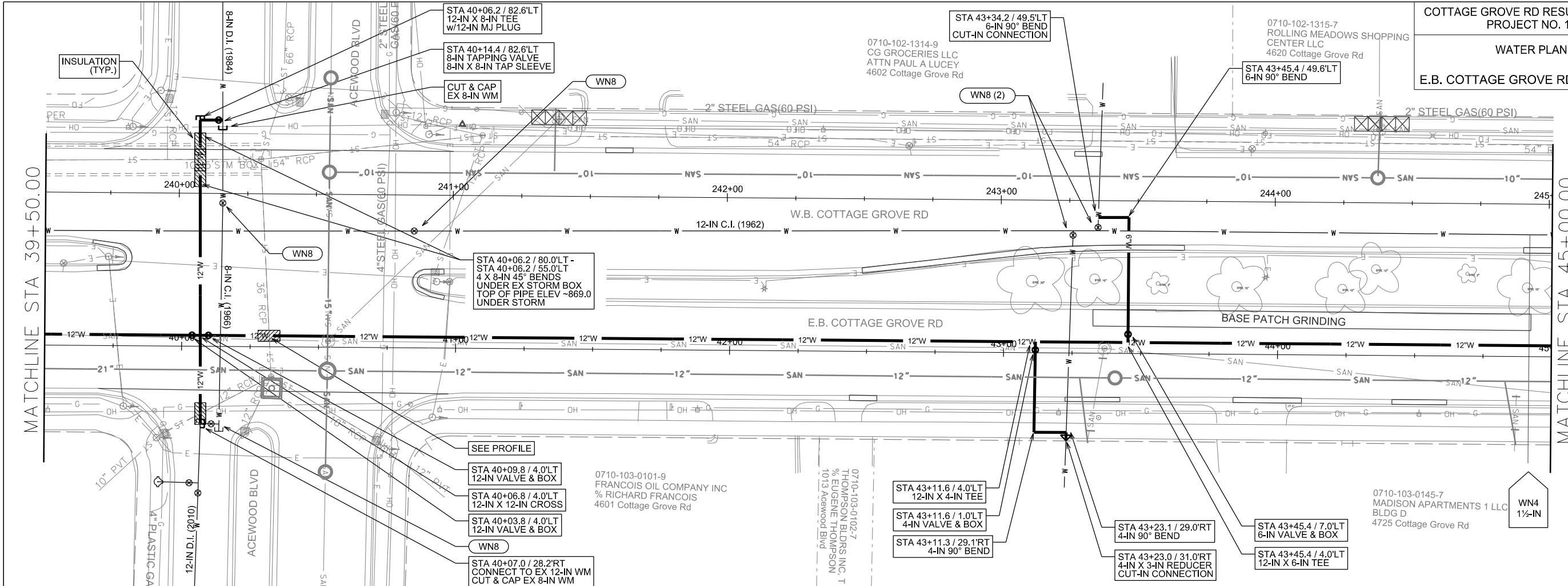


PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



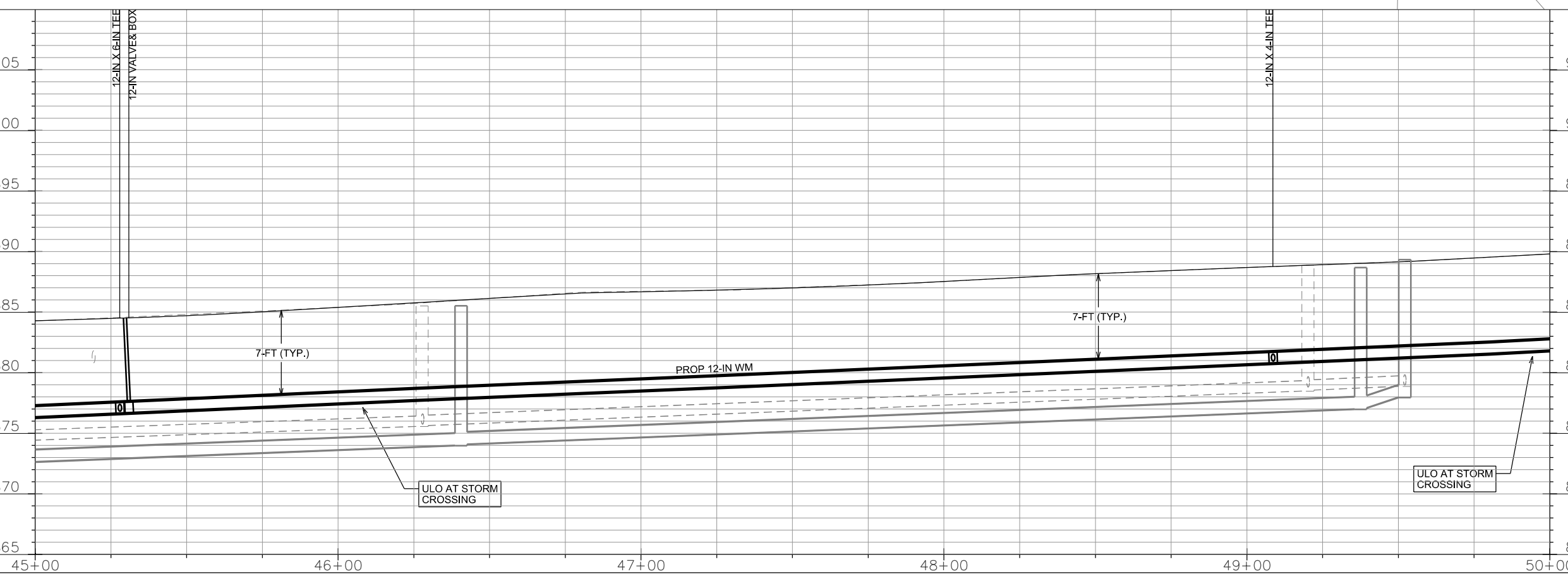
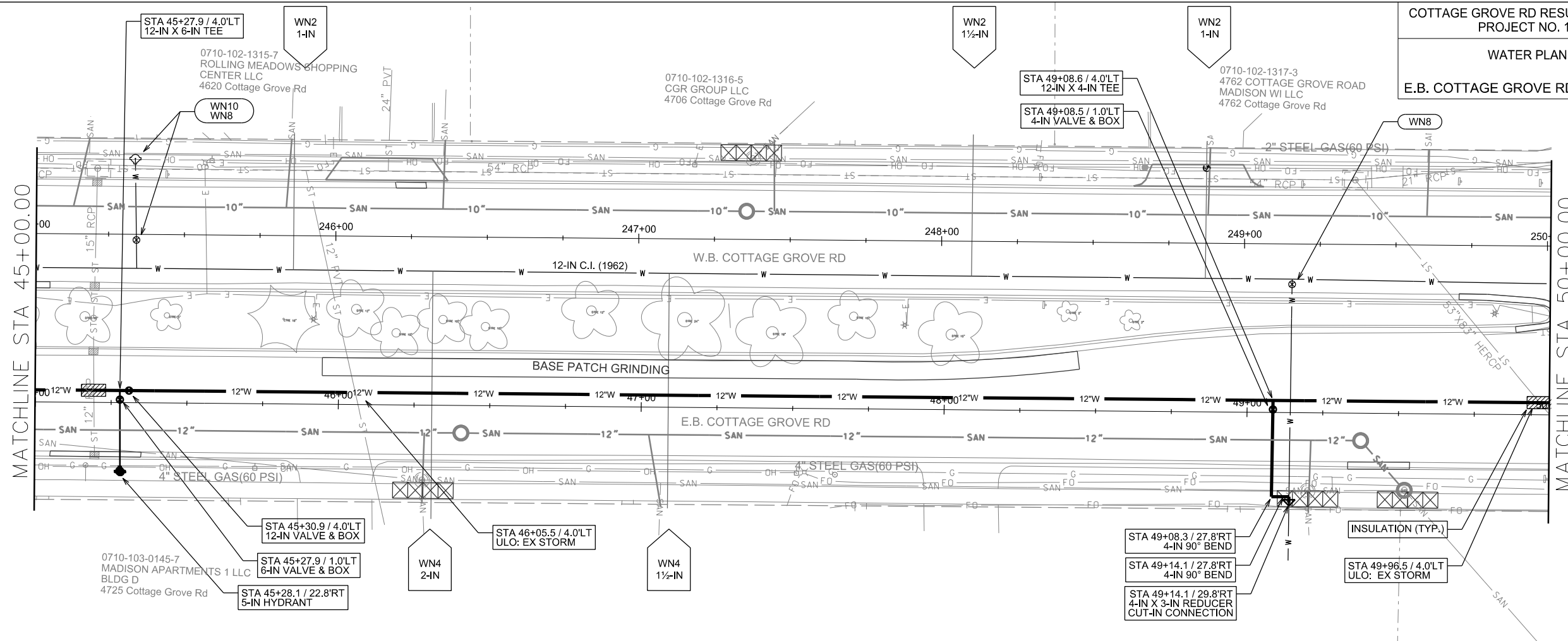
PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

WATER PLAN AND PROFILE
E.B. COTTAGE GROVE RD CITY OF MADISON

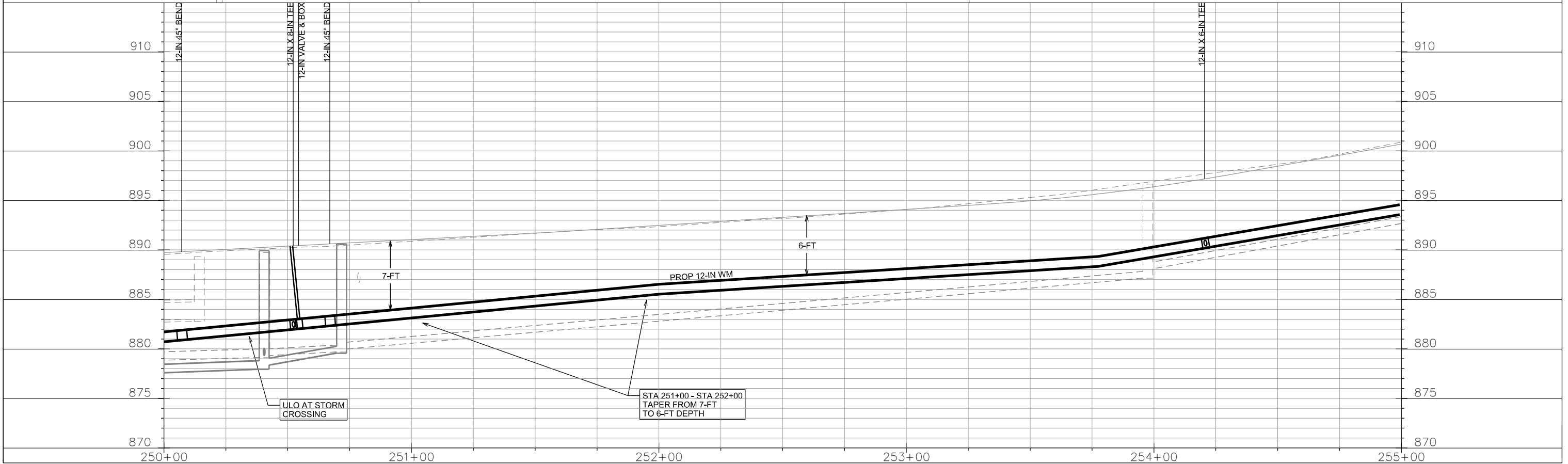
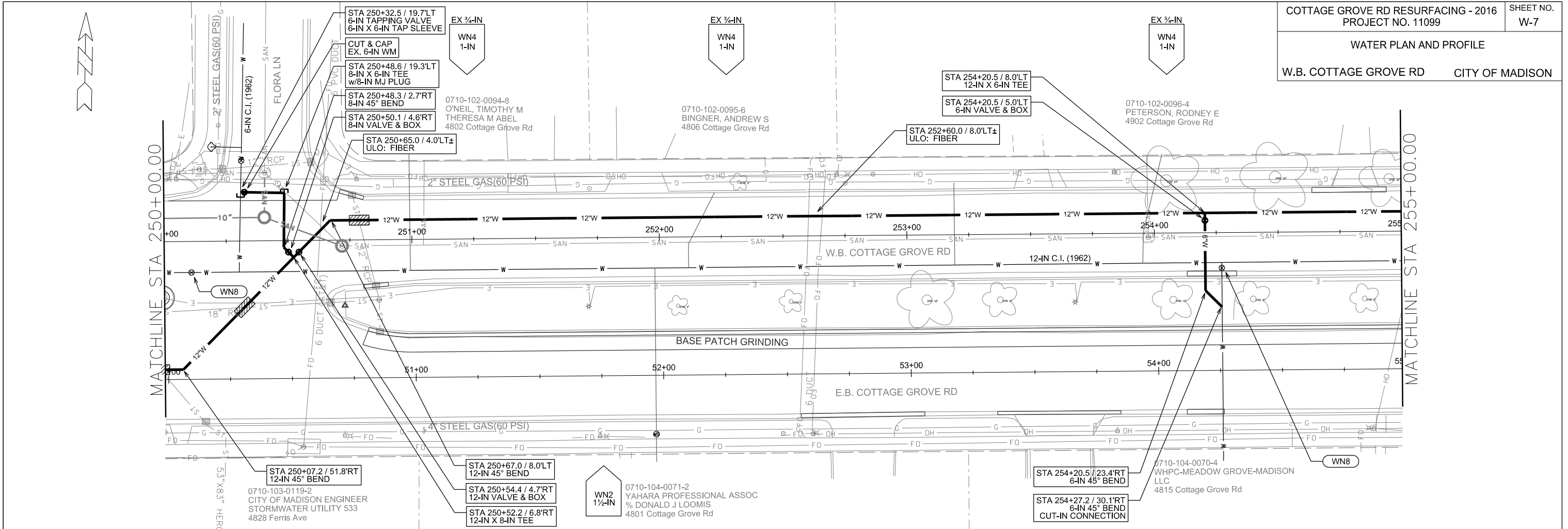


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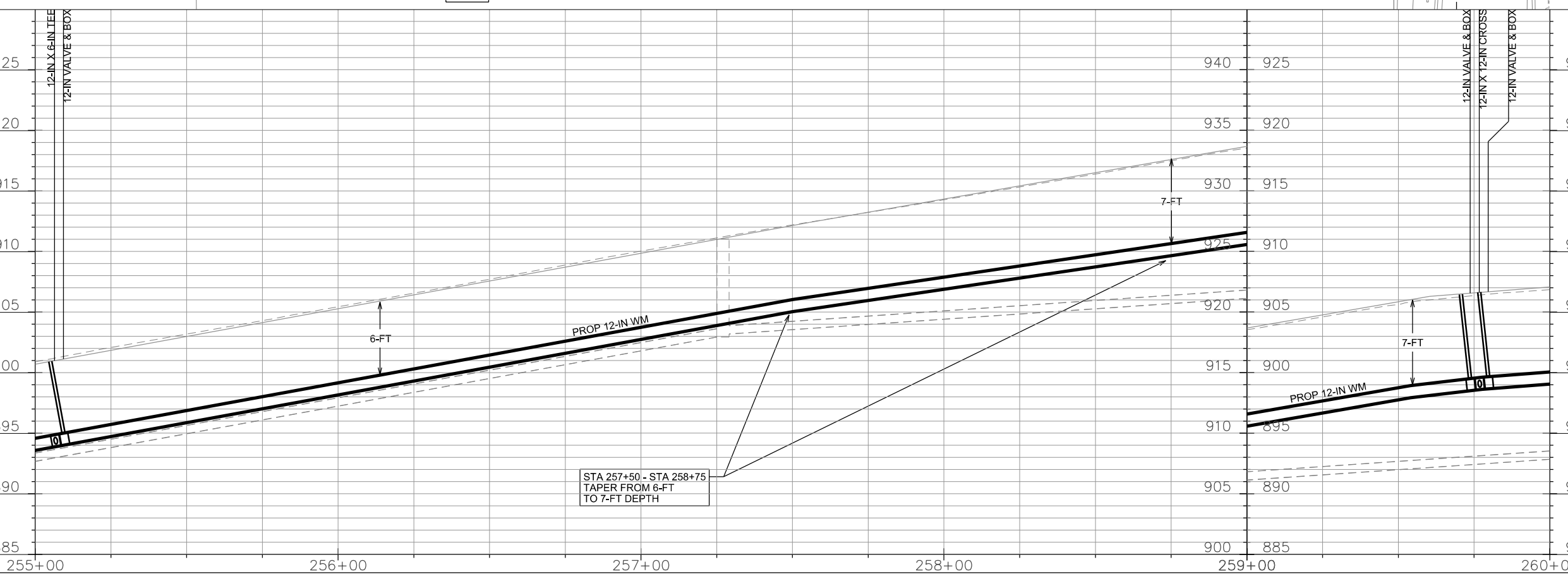
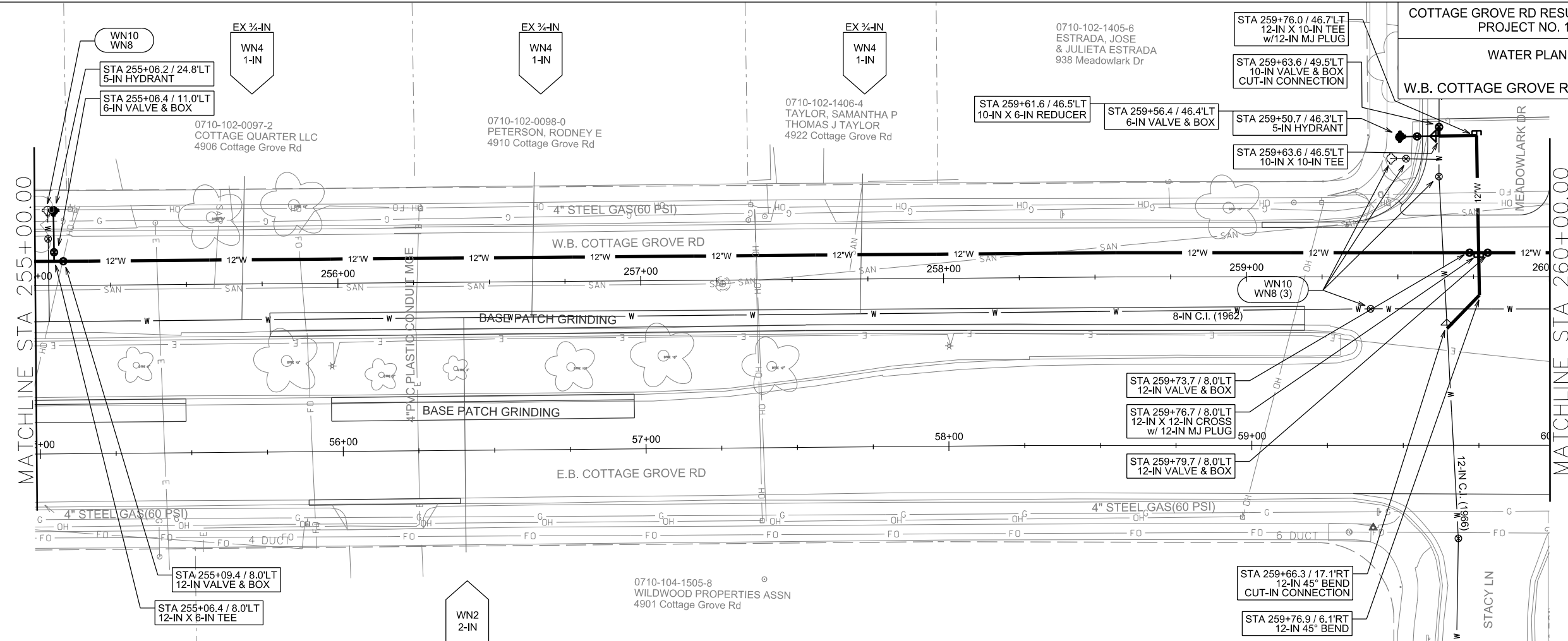
PLOT NAME: _____

REV. DATE: _____

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WATER PLAN AND PROFILE

W.B. COTTAGE GROVE RD CITY OF MADISON

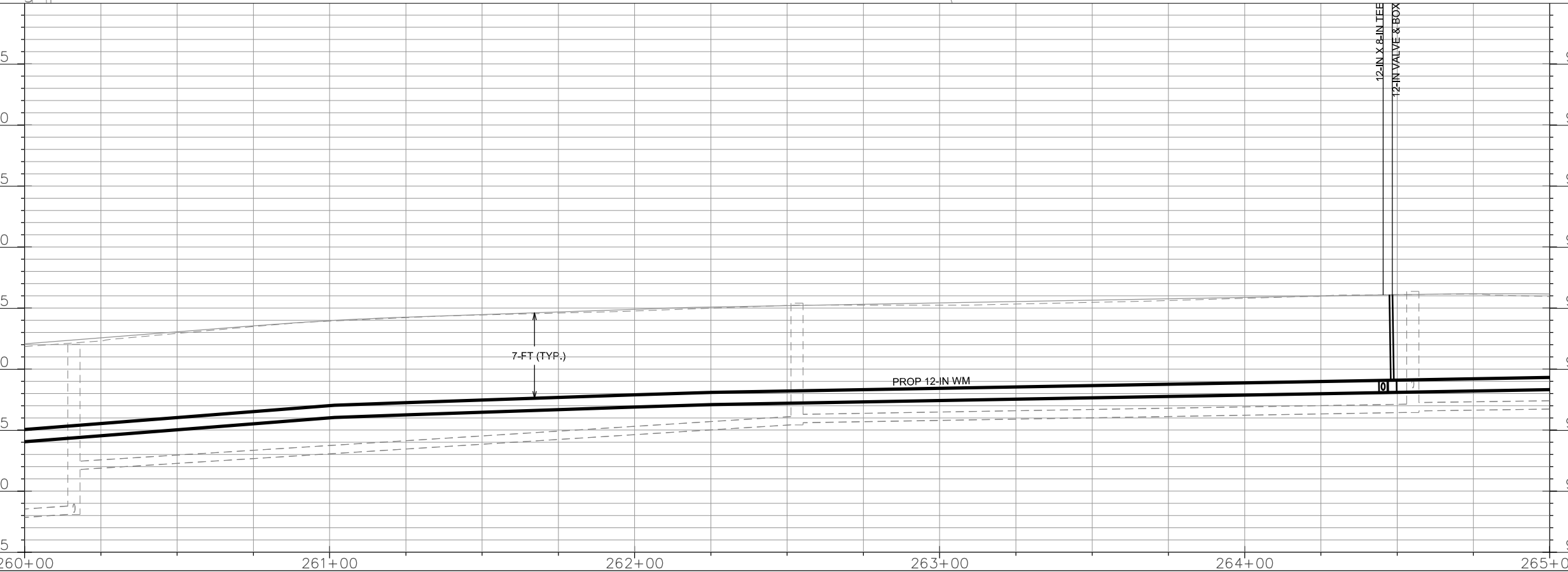
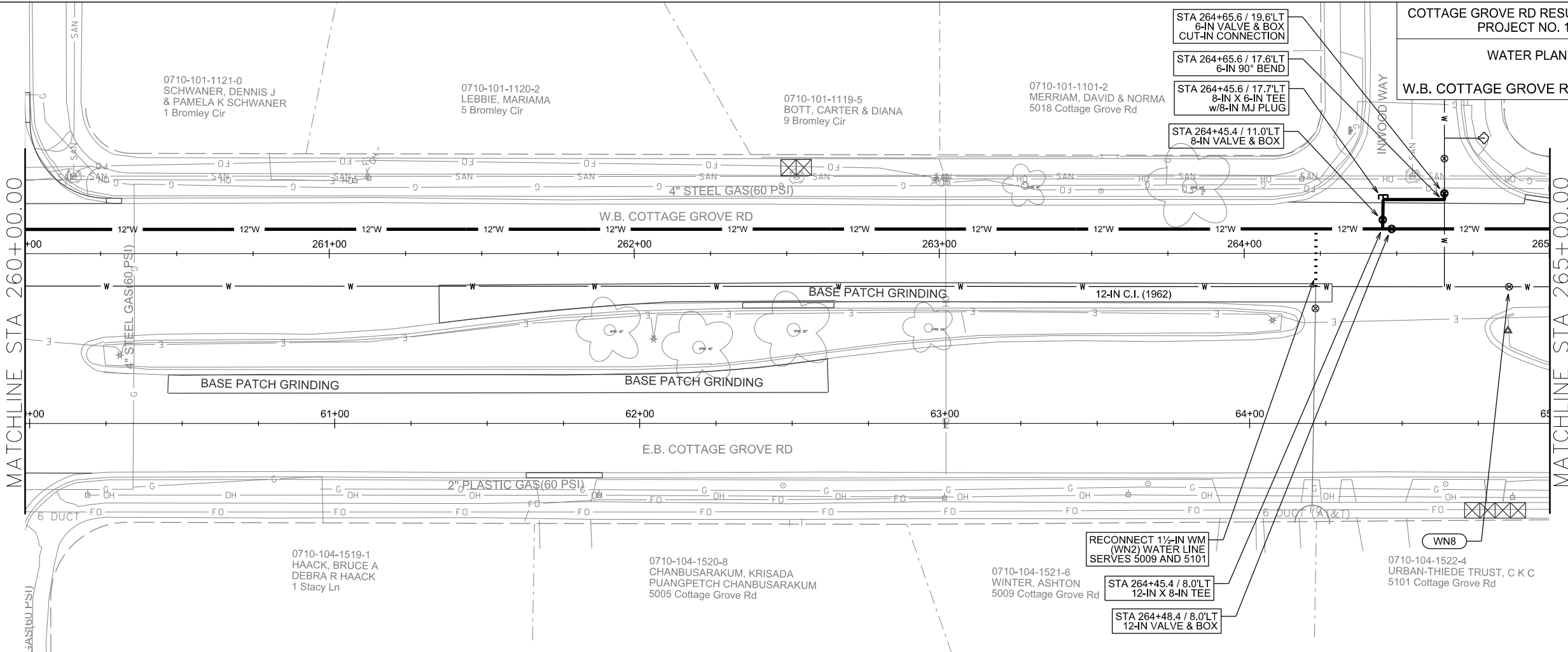


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REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

WATER PLAN AND PROFILE
W.B. COTTAGE GROVE RD CITY OF MADISON



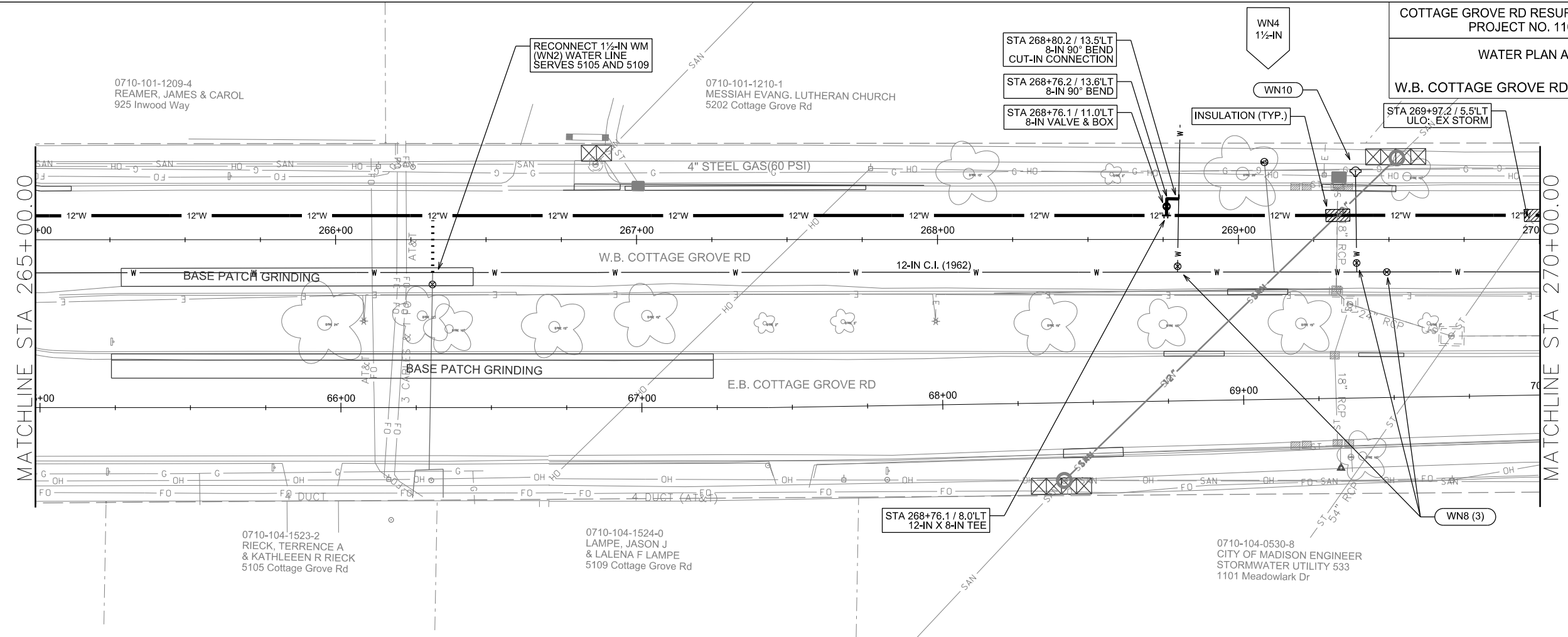
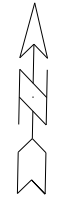
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PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

WATER PLAN AND PROFILE
W.B. COTTAGE GROVE RD CITY OF MADISON



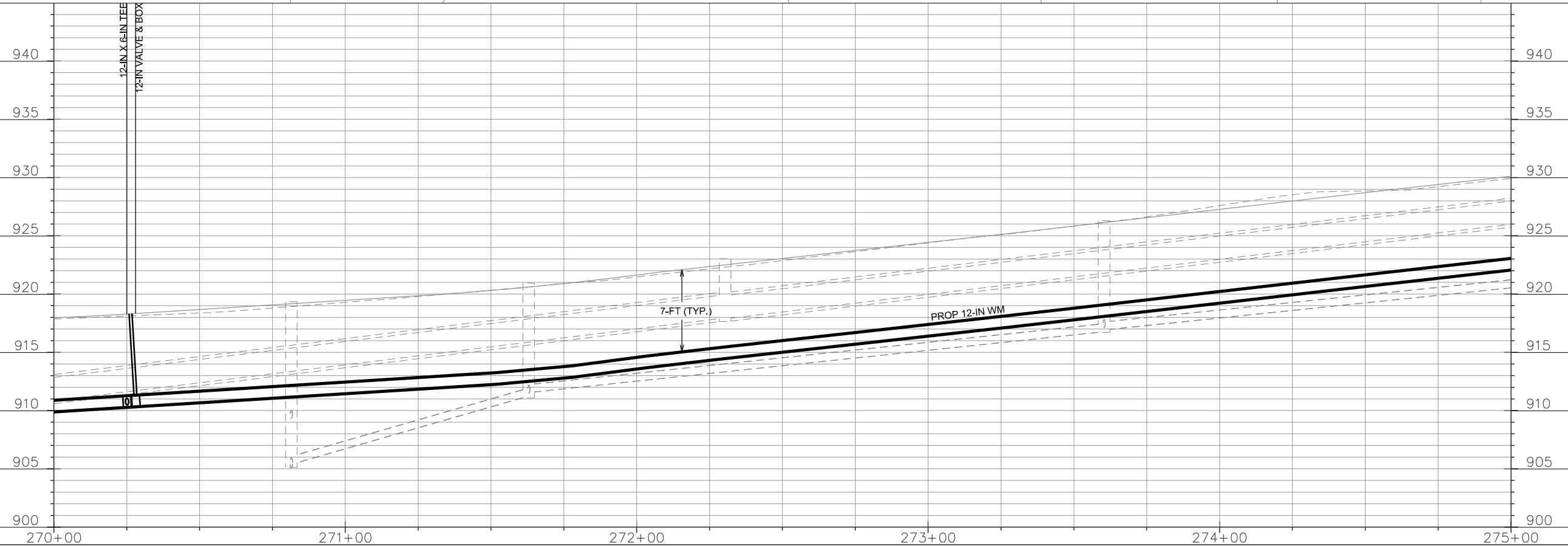
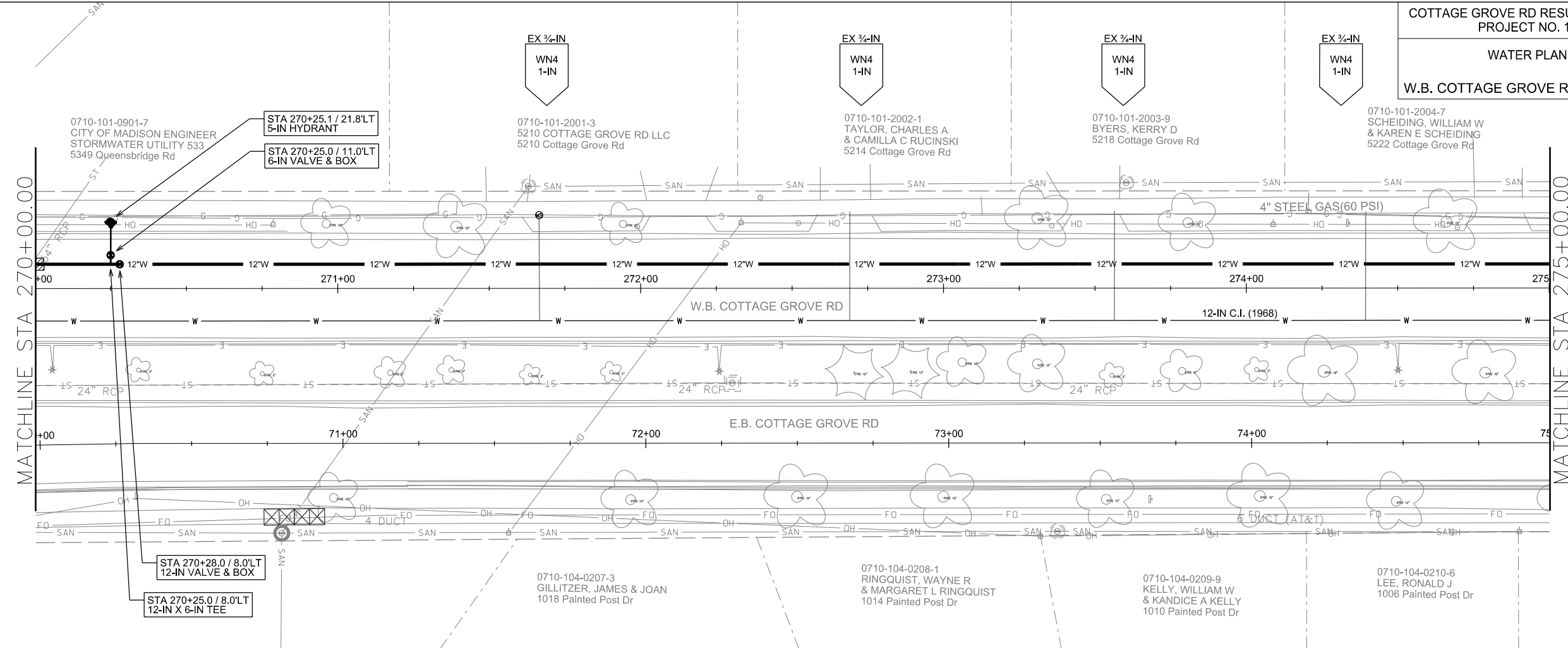
PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

WATER PLAN AND PROFILE
W.B. COTTAGE GROVE RD CITY OF MADISON



PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

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WATER PLAN AND PROFILE

W.B. COTTAGE GROVE RD CITY OF MADISON

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GLYNN, EDWARD M
5302 Cottage Grove Rd

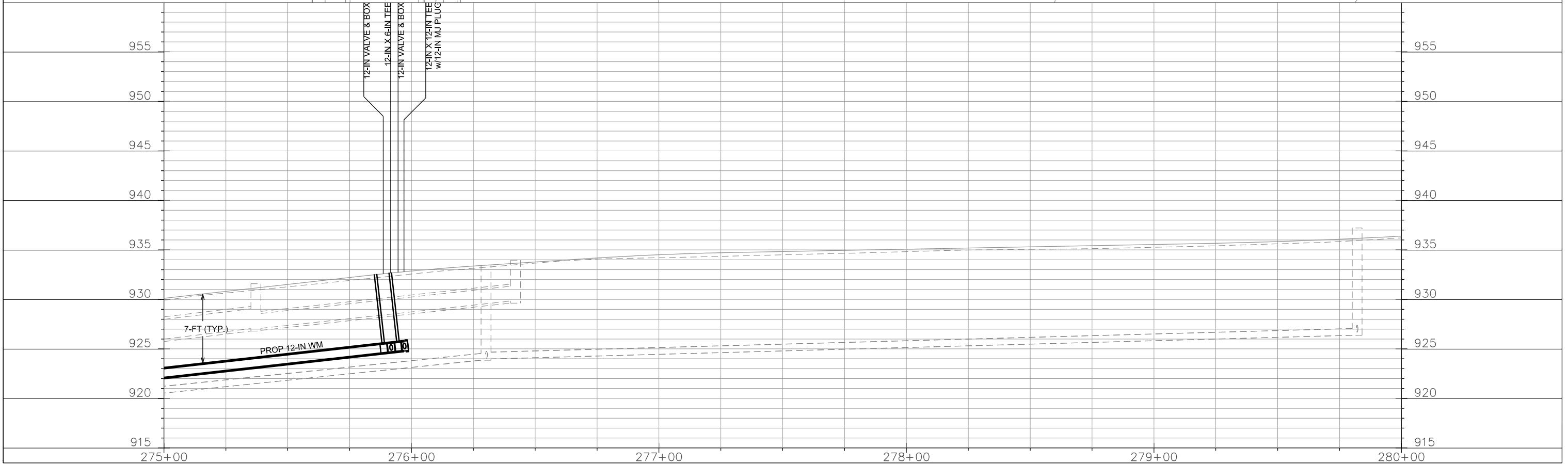
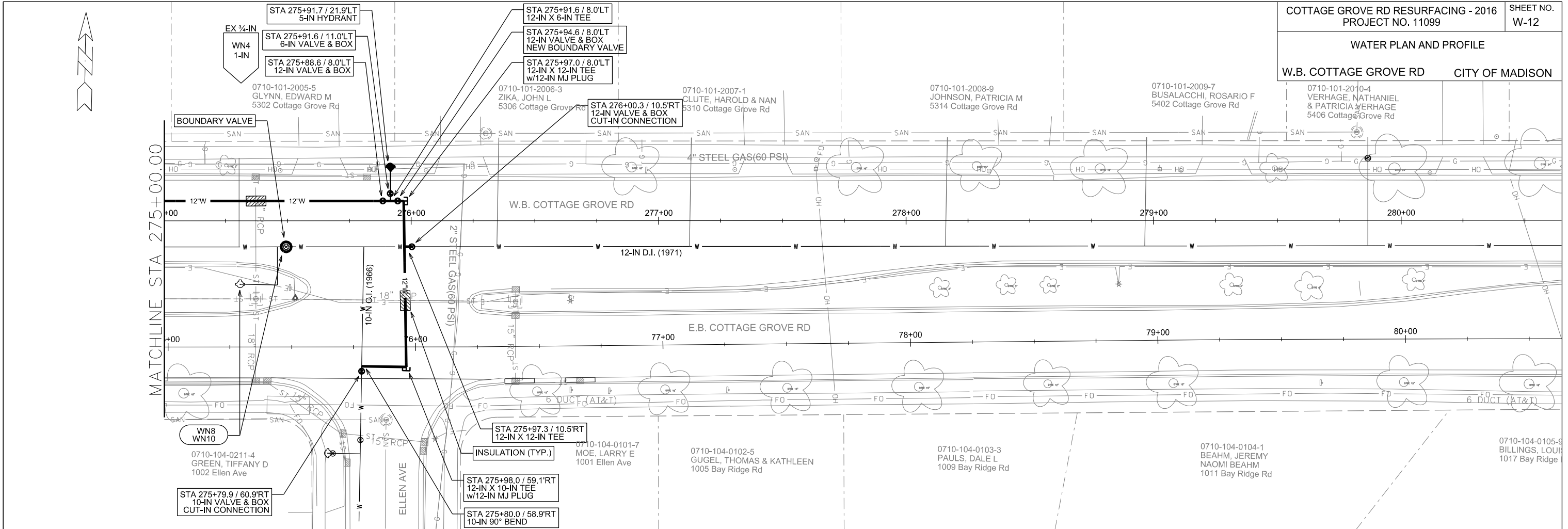
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ZIKA, JOHN L
5306 Cottage Grove Rd

0710-101-2007-1
CLUTE, HAROLD & NAN
5310 Cottage Grove Rd

0710-101-2008-9
JOHNSON, PATRICIA M
5314 Cottage Grove Rd

0710-101-2009-7
BUSALACCHI, ROSARIO F
5402 Cottage Grove Rd

0710-101-2010-4
VERHAGE, NATHANIEL
& PATRICIA VERHAGE
5406 Cottage Grove Rd

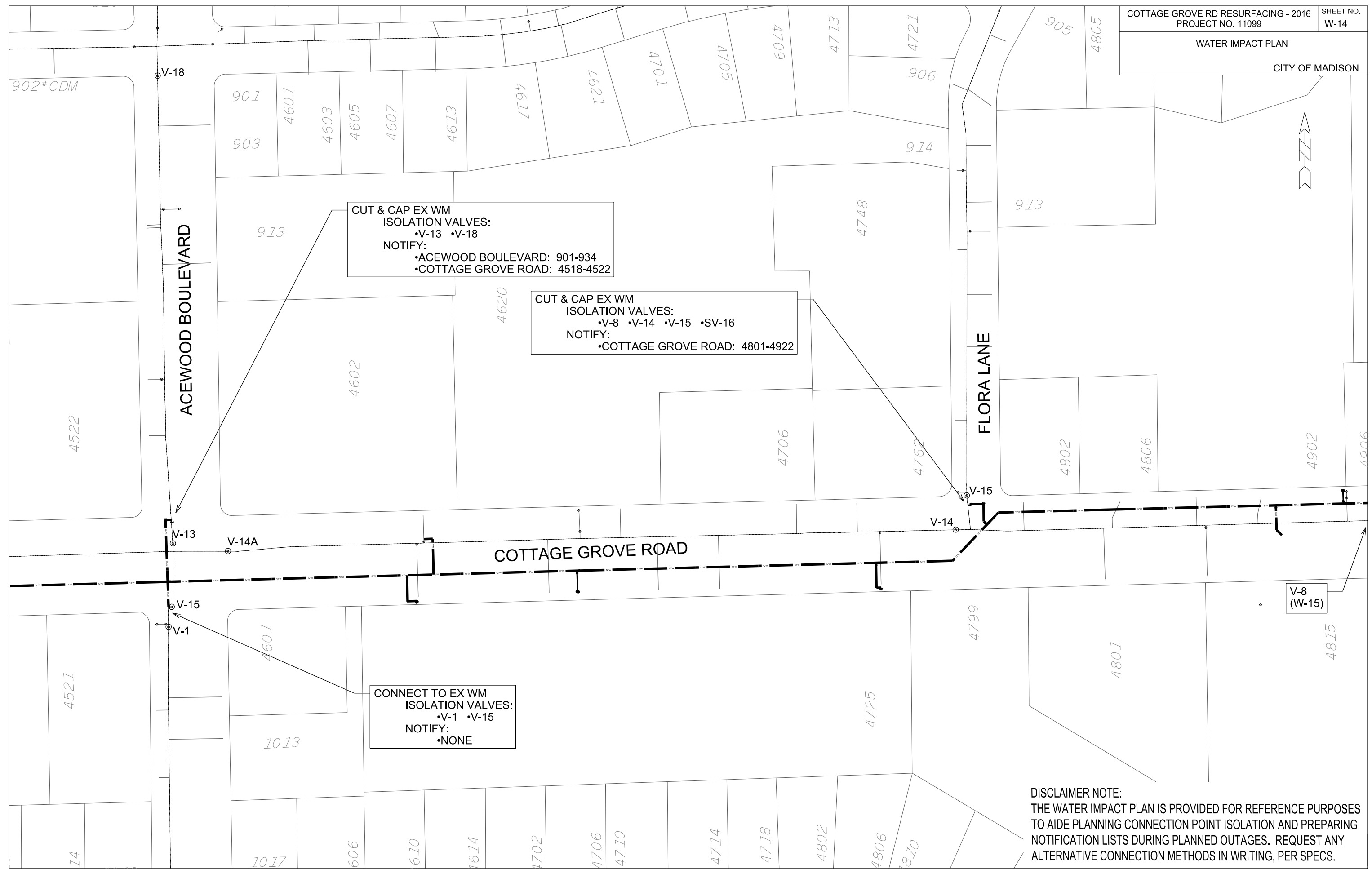


PLOT SCALE: _____

PLOT NAME: _____

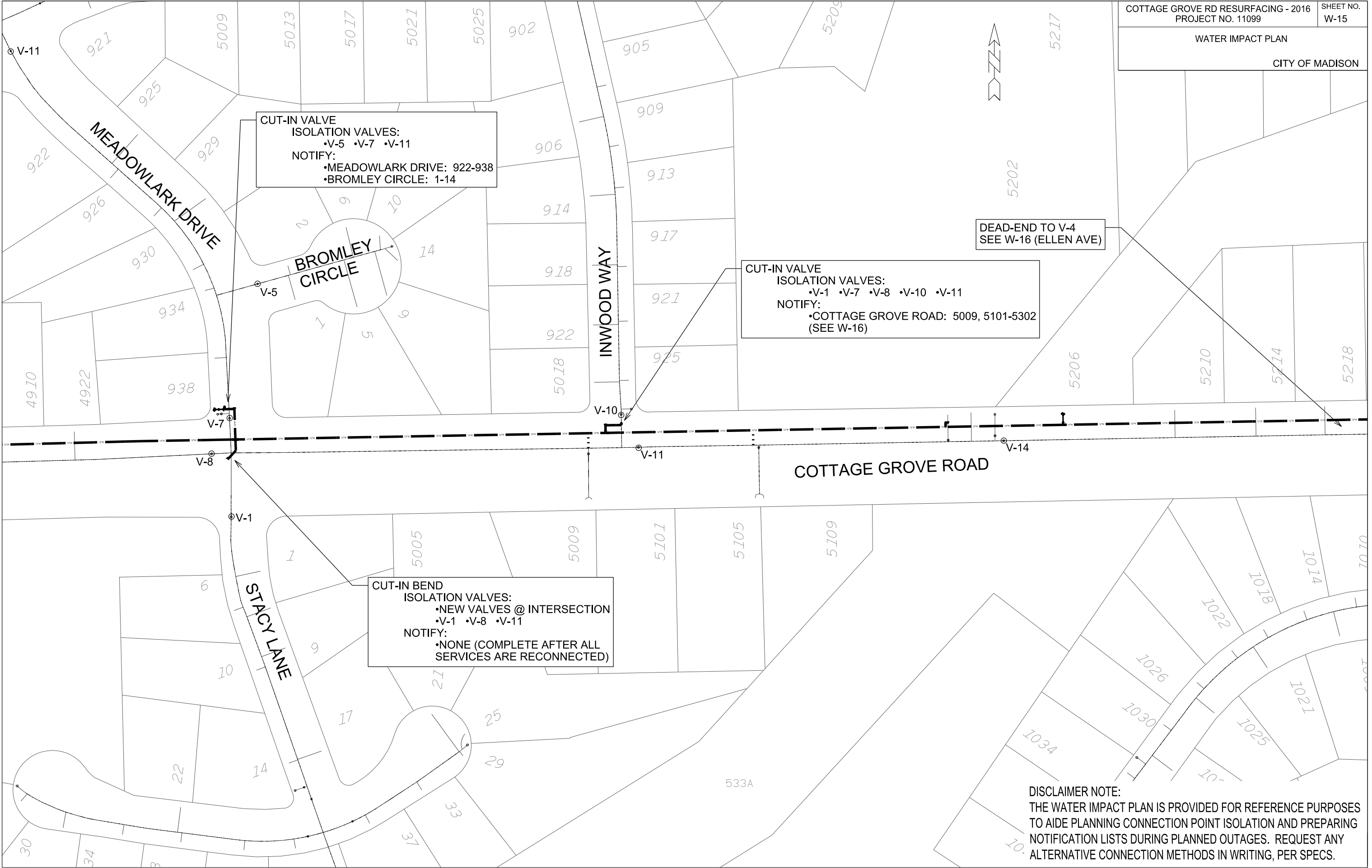
REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



DISCLAIMER NOTE:
 THE WATER IMPACT PLAN IS PROVIDED FOR REFERENCE PURPOSES TO AIDE PLANNING CONNECTION POINT ISOLATION AND PREPARING NOTIFICATION LISTS DURING PLANNED OUTAGES. REQUEST ANY ALTERNATIVE CONNECTION METHODS IN WRITING, PER SPECS.

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CUT-IN VALVE
ISOLATION VALVES:
•V-5 •V-7 •V-11
NOTIFY:
•MEADOWLARK DRIVE: 922-938
•BROMLEY CIRCLE: 1-14

CUT-IN VALVE
ISOLATION VALVES:
•V-1 •V-7 •V-8 •V-10 •V-11
NOTIFY:
•COTTAGE GROVE ROAD: 5009, 5101-5302
(SEE W-16)

DEAD-END TO V-4
SEE W-16 (ELLEN AVE)

CUT-IN BEND
ISOLATION VALVES:
•NEW VALVES @ INTERSECTION
•V-1 •V-8 •V-11
NOTIFY:
•NONE (COMPLETE AFTER ALL
SERVICES ARE RECONNECTED)

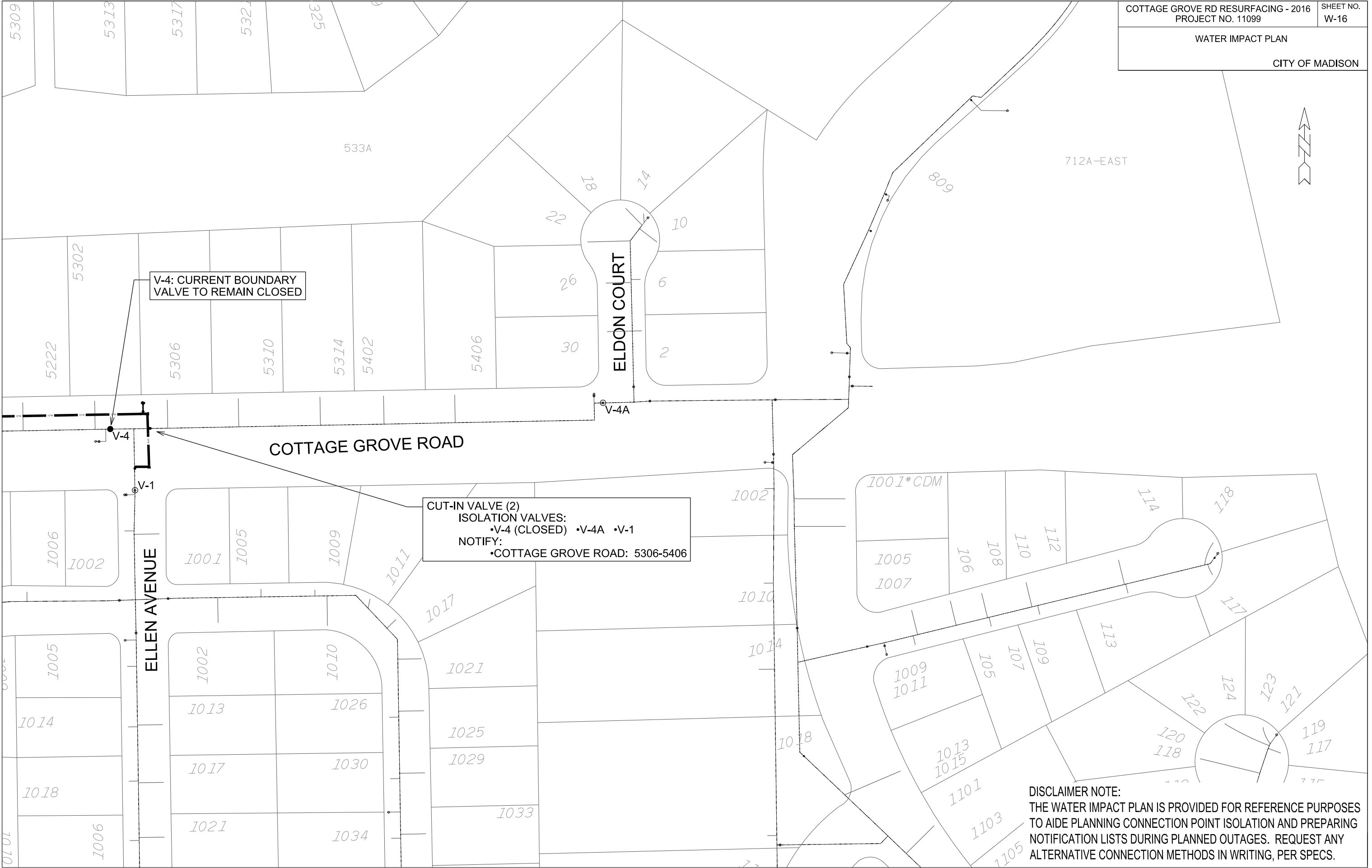
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CONSTRUCTION NOTES:

1. CONSTRUCT NEW WATER MAIN 6.0' BELOW FINISHED GRADE, UNLESS OTHERWISE NOTED. INSULATE MAIN WITH POLYSTYRENE BOARD AT UTILITY CROSSINGS OR OTHER AREAS IDENTIFIED BY ENGINEER AS HAVING INADEQUATE COVER.
2. VERIFY SIZE OF EXISTING WATER SERVICES AND RECONNECT SERVICES AS INDICATED.
3. MINIMIZE DISRUPTION OF SERVICE TO EXISTING CUSTOMERS. NOTIFY PER CONTRACT REQUIREMENTS OF ANY PLANNED WATER OUTAGE.
4. THE EXISTING UTILITIES SHOWN ON THIS PLAN REPRESENT THE BEST INFORMATION AVAILABLE TO THE WATER UTILITY AT THE TIME OF PLAN PREPARATION. CONTRACTOR IS RESPONSIBLE FOR HAVING EACH UTILITY LOCATED PRIOR TO COMMENCING WORK.

 INDICATES INSULATION AT STORM SEWER CROSSING

- WN1 REPLACE THE EXISTING LEAD SERVICE WITH A NEW COPPER SERVICE.
- WN2 EXTEND AND RECONNECT THE EXISTING COPPER SERVICE TO THE NEW WATER MAIN.
- WN3 EXISTING SERVICE TO BE ABANDONED WHEN THE WATER MAIN IS CUT OFF.
- WN4 DISCONNECT FROM THE OLD WATER MAIN AND RECONNECT THE EXISTING COPPER WATER SERVICE LATERAL TO THE NEW WATER MAIN.
- WN5 RELOCATE THE EXISTING FIRE HYDRANT.
- WN6 ABANDON WATER VALVE ACCESS STRUCTURE.
- WN7 FURNISH AND INSTALL THE NEW TOP SECTION FOR THE WATER ACCESS STRUCTURE.
- WN8 ABANDON THE VALVE BOX.
- WN9 FURNISH THE DITCH, COMPACTION, AND ALL MATERIALS AND LABOR FOR THE INSTALLATION OF NEW SERVICE LATERAL.
- WN10 REMOVE AND SALVAGE EXISTING HYDRANT
- WN11 REPLACE THE EXISTING COPPER SERVICE WITH A COPPER SERVICE

ESTIMATE OF PROJECT MATERIALS:

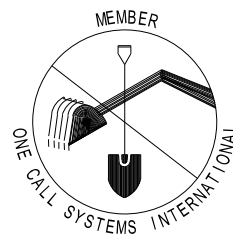
* ESTIMATE OF MATERIALS IS FOR INFORMATION ONLY. ENGINEER DOES NOT GUARANTEE ACCURACY OF MATERIAL TAKE-OFF. ALWAYS REFER TO PLANS.

WATER MAIN AND FITTING MATERIALS FROM CONTRACTOR		WATER MAIN AND FITTING MATERIALS FROM CITY	
4-IN PIPE (LF)	180	6-IN TAPPING VALVES	1
6-IN PIPE (LF)	320	6-IN X 6-IN TAP SLEEVES	1
8-IN PIPE (LF)	520	8-IN TAPPING VALVES	2
10-IN PIPE (LF)	20	8-IN X 8-IN TAP SLEEVES	2
12-IN PIPE (LF)	5500		
POLY WRAP	7200	MISC. MATERIALS	
4-IN VALVES & BOXES	4	INSULATION (LF)	200
6-IN VALVES & BOXES	12	COPPER TUBING (1-IN TO 2-IN)	AS REQ
8-IN VALVES & BOXES	7		
10-IN VALVES & BOXES	2		
12-IN VALVES & BOXES	17		
8-IN X 6-IN TEES	3		
8-IN X 8-IN TEES	2		
10-IN X 10-IN TEES	1		
12-IN X 4-IN TEES	4		
12-IN X 6-IN TEES	9		
12-IN X 8-IN TEES	6		
12-IN X 10-IN TEES	2		
12-IN X 12-IN TEES	2		
12-IN X 8-IN CROSSES	2		
12-IN X 12-IN CROSSES	2		
4-IN X 3-IN REDUCERS	4		
10-IN X 6-IN REDUCERS	1		
4-IN - 90° BENDS	8		
6-IN - 45° BENDS	2		
6-IN - 90° BENDS	4		
8-IN - 45° BENDS	9		
8-IN - 90° BENDS	8		
10-IN - 90° BENDS	1		
12-IN - 45° BENDS	8		
6-IN MJ CAPS	1		
8-IN MJ CAPS	2		
8-IN MJ PLUGS	6		
12-IN MJ PLUGS	6		
5-IN HYDRANTS	8		

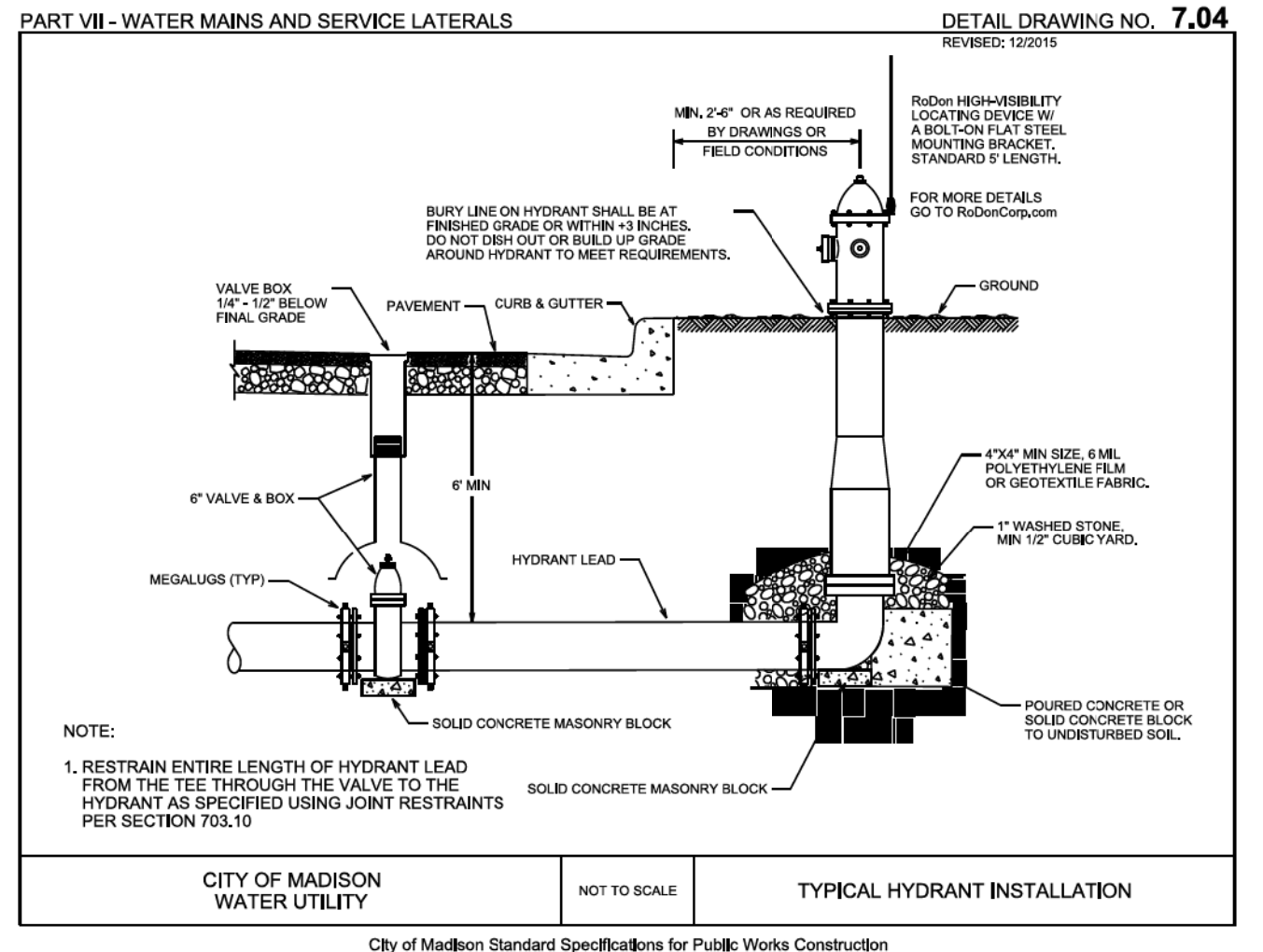
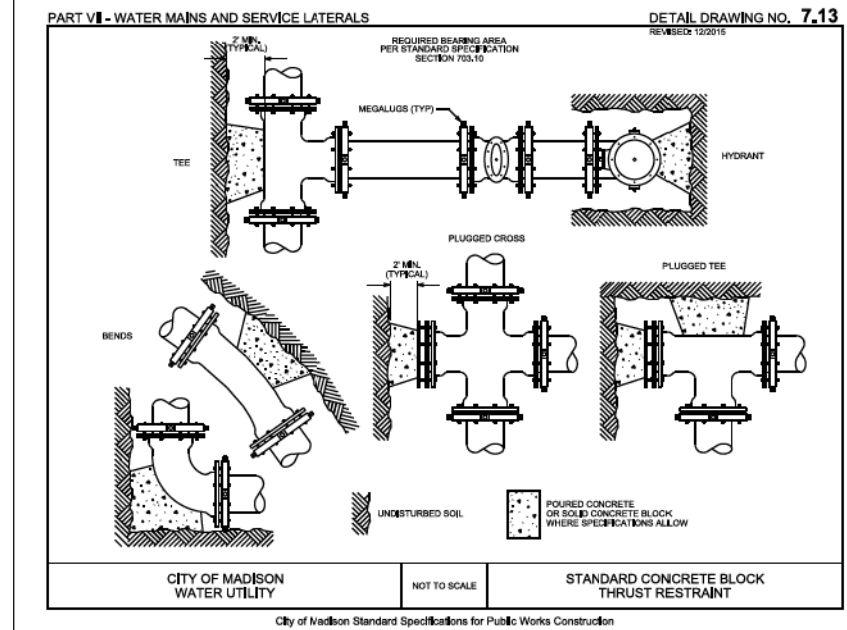
TO OBTAIN LOCATION OF PARTICIPANTS' UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN

CALL DIGGERS HOTLINE
TOLL FREE
811 OR 1-800-242-8511
FAX-A-LOCATE 1-800-338-3860
TDD (FOR HEARING IMPAIRED) 1-800-542-2289

WIS. STATUTE 182.0175 (1974)
REQUIRES MIN. OF 3 WORK DAYS
NOTICE BEFORE YOU EXCAVATE.



DISCLAIMER NOTE:
UTILITY LOCATIONS SHOWN ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UNDERGROUND AND OVERHEAD UTILITIES PRIOR TO COMMENCING WORK.



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