

Madison, Wisconsin

CITY OF MADISON

CITY ENGINEERING DIVISION

DEPARTMENT OF PUBLIC WORKS

PLAN OF PROPOSED IMPROVEMENT

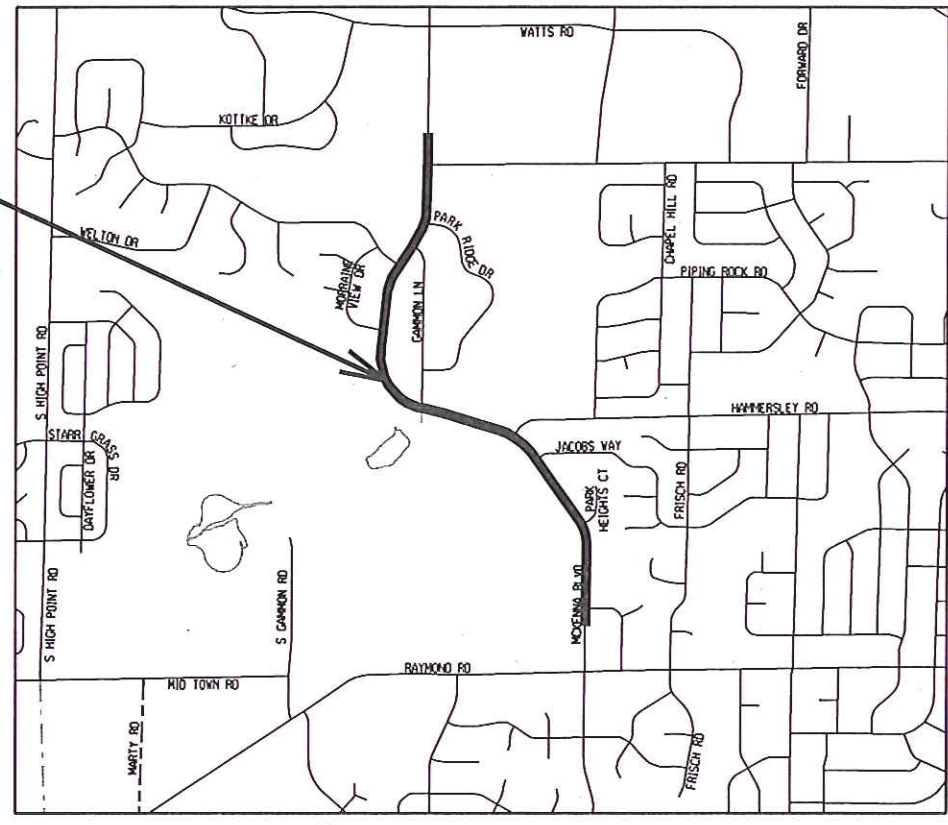
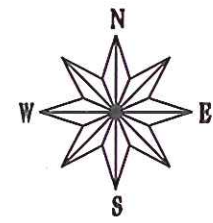
MCKENNA BOULEVARD AND SOUTH GAMMON ROAD ASSESSMENT DISTRICT - 2016

CITY PROJECT NO. 53W1503 (MUNIS #10878)
 CONTRACT NO. 7614

INDEX OF SHEETS

SHEET NO.	1	TITLE
SHEET NO.	DI-D3	TYPICAL SECTIONS & DETAILS
SHEET NO.	EC1-EC9	EROSION CONTROL PLANS
SHEET NO.	PI-P9	STREET PLAN & PROFILES
SHEET NO.	MI-M9	PAVEMENT MARKING PLAN
SHEET NO.	UI-U6	SEWERS PLAN & PROFILES
SHEET NO.	U7-U8	SEWER SCHEDULES
SHEET NO.	WI-W4	WATER PLAN & PROFILE
SHEET NO.	W5-W6	WATER MATERIALS & IMPACT PLAN
SHEET NO.	W-7	PRV DETAIL
SHEET NO.	E1-E9	ELECTRICAL PLAN
SHEET NO.	TC1-TC67	TRAFFIC CONTROL PLAN
SHEET NO.	X1-X30	CROSS SECTIONS

PROJECT LOCATION



CONVENTIONAL SIGNS

FIELD VERIFY ALL UTILITY LOCATIONS

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

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%

EARTH WORK SUMMARY:

EXCAVATION CUT (MEASURED PLAN QUANTITY).....8025 C.Y.
 ESTIMATED UNDISTRIBUTED UNDERCUT.....910 C.Y.
 TOTAL UNCLASSIFIED EXCAVATION CUT.....8935 C.Y.

PUBLIC IMPROVEMENT PROJECT APPROVED

DECEMBER 1, 2015

BY THE COMMON COUNCIL
 OF MADISON, WISCONSIN

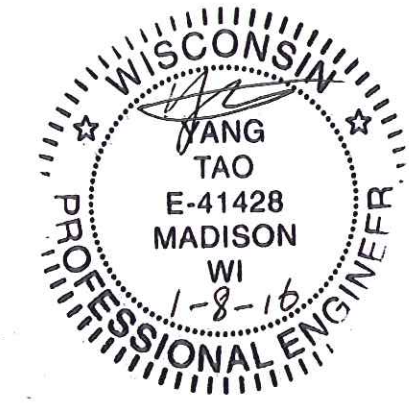
PUBLIC IMPROVEMENT DESIGN
 APPROVED BY:

[Signature] *[Signature]*
 City Engineer Date

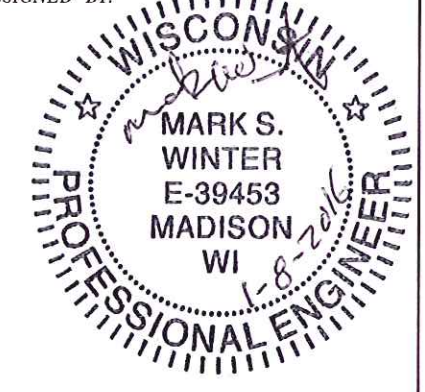
STREET
 DESIGNED BY:



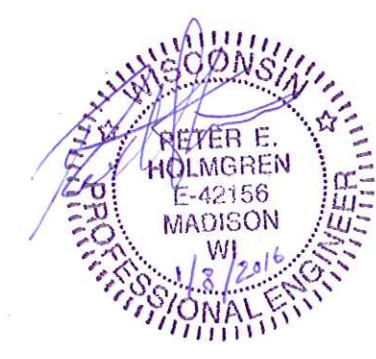
ELECTRICAL
 DESIGNED BY:



PAVEMENT MARKING
 & TRAFFIC CONTROL
 DESIGNED BY:



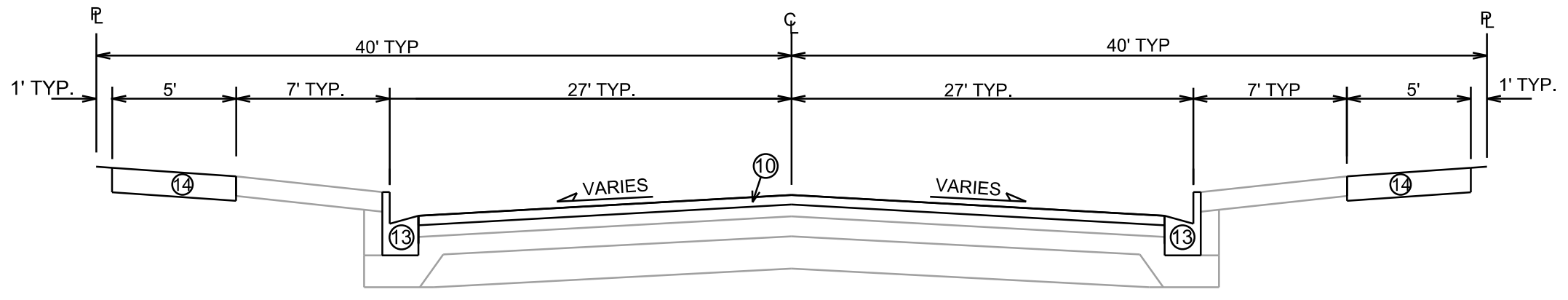
WATER MAIN
 DESIGNED BY:



STORM SEWER
 DESIGNED BY:

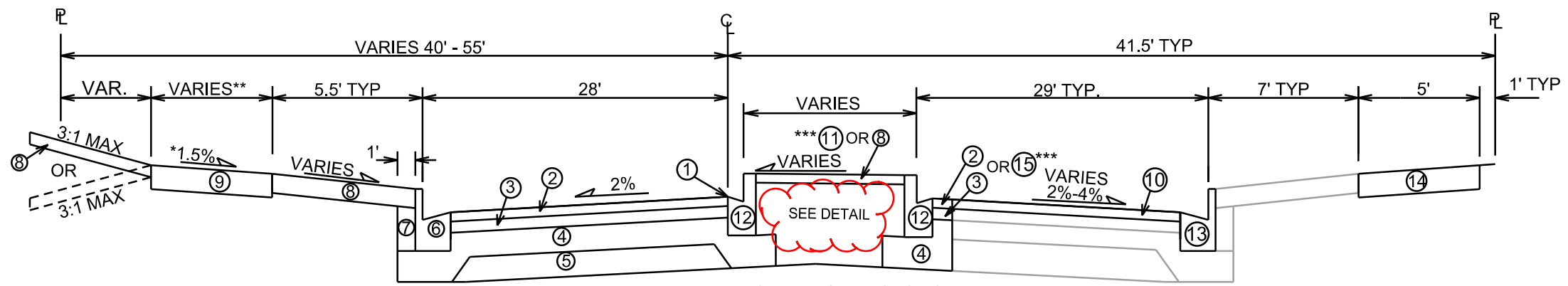


PLOT SCALE: _____
 REV. DATE: _____
 ORIGINATOR: CITY OF MADISON - STREETS DIVISION



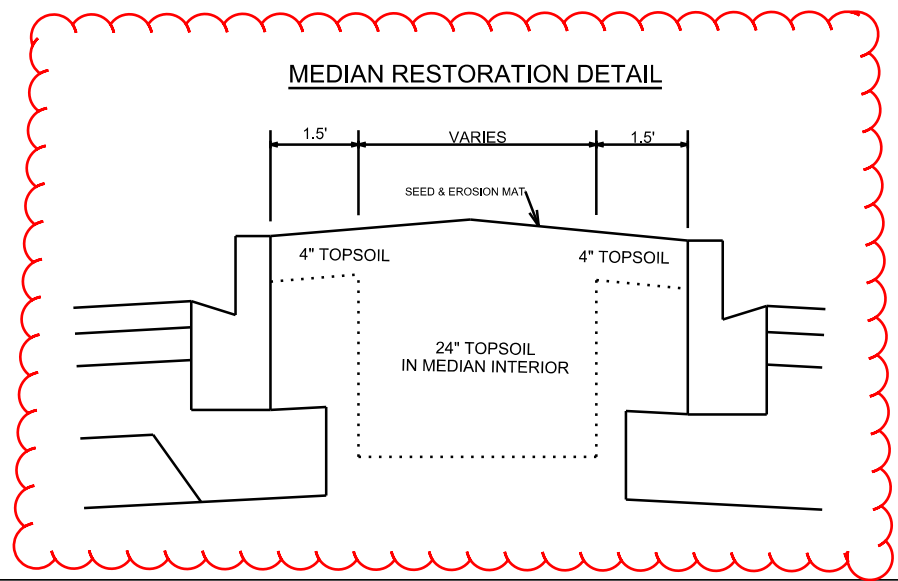
TYPICAL FINISHED SECTION
S. GAMMON RD. & MCKENNA BLVD
STA 10+50 TO STA 38+25
AND
STA 54+10 TO STA 57+22

- ① POINT REFERRED TO ON PROFILE
- ② 2.00" BITUMINOUS UPPER LAYER, TYPE E-3, 12.5 mm
- ③ 4.00" BITUMINOUS LOWER LAYER, TYPE E-3, 19 mm
- ④ 8" GRADATION 2 CRUSHED AGGREGATE BASE
- ⑤ 8" GRADATION 1 CRUSHED AGGREGATE BASE
- ⑥ TYPE 'A' CONCRETE CURB & GUTTER
- ⑦ FILL, INCIDENTAL
- ⑧ 4" TOPSOIL, SEED & EROSION MAT
- ⑨ 5" CONCRETE SIDEWALK
- ⑩ 3" MILL & OVERLAY; HMA PVMT, TYPE E-3, 12.5 mm
- ⑪ 7" STAMPED & COLORED CONCRETE
- ⑫ TYPE 'H' CONCRETE CURB & GUTTER
- ⑬ REMOVE & REPLACE CURB AS SHOWN ON PLANS OR AS DIRECTED, MATCH EXISTING TYPE
- ⑭ REMOVE & REPLACE EXISTING 5" CONC SIDEWALK AS SHOWN ON PLANS OR AS DIRECTED
- ⑮ ASPHALT MATERIAL FOR CURB FRONT FILL



TYPICAL FINISHED SECTION
MCKENNA BLVD
STA 38+25 TO STA 45+75

TYPICAL SECTIONS NOT TO SCALE



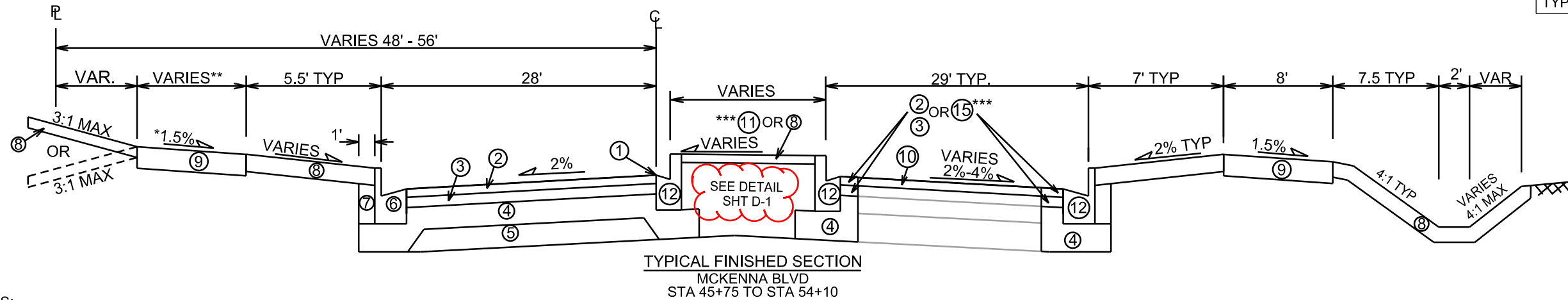
NOTES:
* SIDEWALK SLOPE IS AS SHOWN FROM STA 38+25 TO 43+50 & THE SLOPE IS REVERSED (-1.5%) FROM STA 43+50 TO 45+75. SEE CROSS SECTIONS.
** SIDEWALK WIDTH IS 5' FROM STA 38+25 TO STA 42+50
WIDTH IS 6' FROM STA 43+25 TO STA 43+80 & STA 44+42 TO STA 45+50
WIDTH IS 8' FROM STA 43+80 TO STA 44+42
*** SEE PLAN FOR LOCATIONS WHERE CURB FRONT FILL IS TO BE PAID AND FOR LOCATIONS OF TURF OR STAMPED/COLORED CONCRETE MEDIAN

PLOT SCALE: _____

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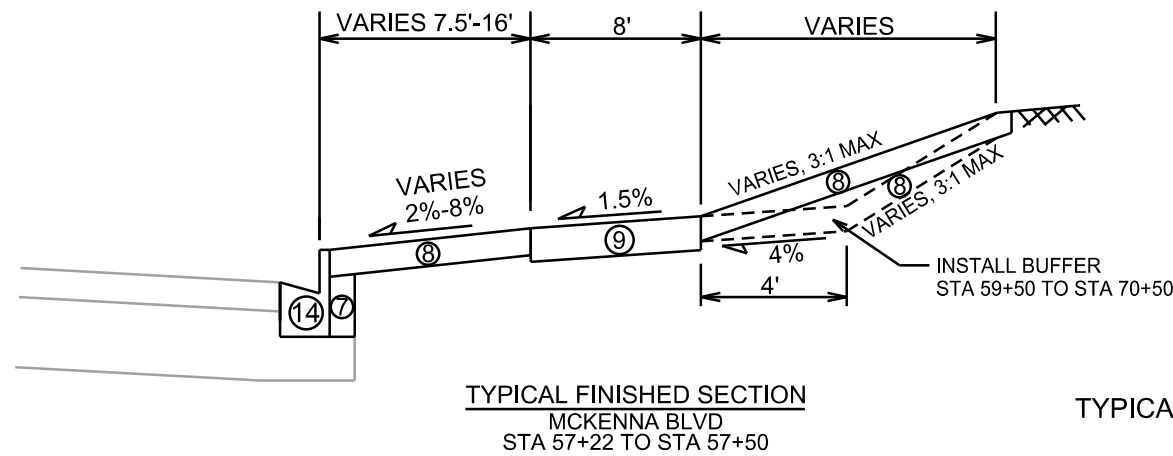
NOTES:

* SIDEWALK SLOPE IS AS SHOWN FROM STA 46+25 TO 54+22 & THE SLOPE IS REVERSED (-1.5%) FROM STA 45+75 TO 46+25. SEE CROSS SECTIONS.

** SIDEWALK WIDTH IS 5' FROM STA 53+25 TO STA 54+35
WIDTH TRANSITIONS FROM 6' TO 10' FROM STA 45+50 TO STA 45+90
WIDTH IS 10' FROM STA 45+90 TO STA 48+83
WIDTH TRANSITIONS FROM 10' TO 6' FROM STA 48+83 TO STA 49+23
WIDTH IS 6' FROM STA 49+23 TO STA 51+55 & STA 52+25 TO STA 52+75
WIDTH IS 8' FROM STA 51+55 TO STA 52+25

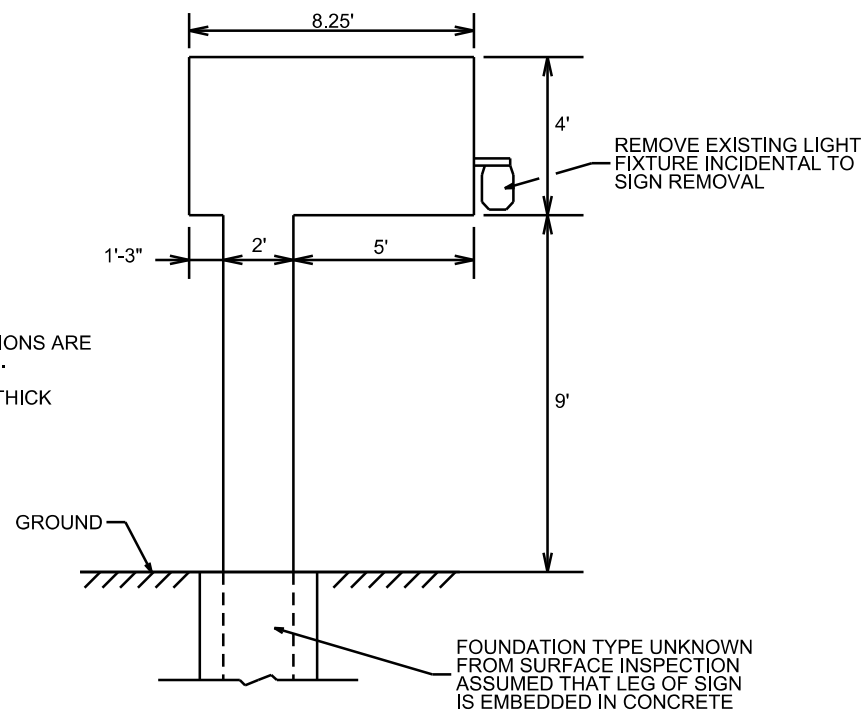
*** SEE PLAN FOR LOCATIONS WHERE CURB FRONT FILL IS TO BE PAID AND FOR LOCATIONS OF TURF OR STAMPED/COLORED CONCRETE MEDIAN

**** WHERE THE LONGITUDINAL SLOPE OF THE SIDEWALK EXCEEDS 5%, INSTALL 3" OF GRADATION 3 BASE COURSE (PAID AS GRAD. 2), WHICH HAPPENS FROM APPROXIMATELY STA 55+00 TO STA 60+00. IN ALL OTHER AREAS, PROVIDE MIN. 2" OF SELECT FILL BASE FOR THE SIDEWALK, WHICH IS INCIDENTAL CONCRETE SIDEWALK.



TYPICAL SECTIONS NOT TO SCALE

BUSINESS SIGN TO BE REMOVED DETAIL
LOOKING WEST
NOT TO SCALE



NOTES:

1. ALL DIMENSIONS ARE APPROXIMATE.
2. SIGN IS 10" THICK

- 1 POINT REFERRED TO ON PROFILE
- 2 2.00" BITUMINOUS UPPER LAYER, TYPE E-3, 12.5 mm
- 3 4.00" BITUMINOUS LOWER LAYER, TYPE E-3, 19 mm
- 4 8" GRADATION 2 CRUSHED AGGREGATE BASE
- 5 8" GRADATION 1 CRUSHED AGGREGATE BASE
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- 9 5" CONCRETE SIDEWALK
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- 11 7" STAMPED & COLORED CONCRETE
- 12 TYPE 'H' CONCRETE CURB & GUTTER
- 13 REMOVE & REPLACE CURB AS SHOWN ON PLANS OR AS DIRECTED, MATCH EXISTING TYPE
- 14 REMOVE & REPLACE EXISTING 5" CONC SIDEWALK AS SHOWN ON PLANS OR AS DIRECTED
- 15 ASPHALT MATERIAL FOR CURB FRONT FILL

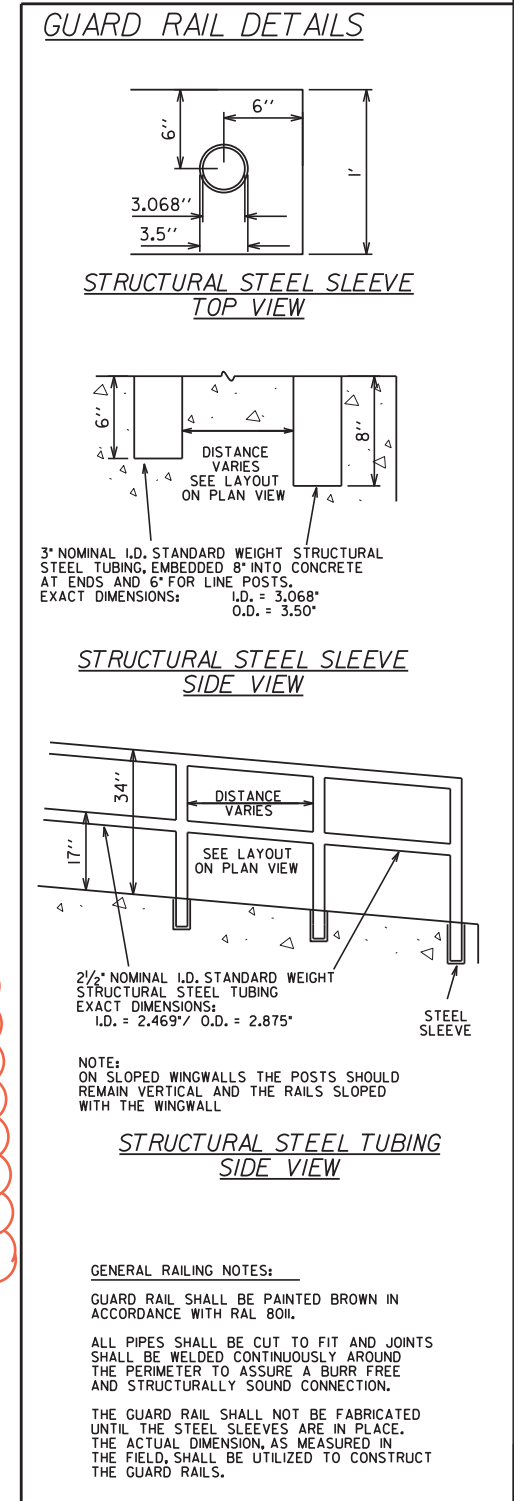
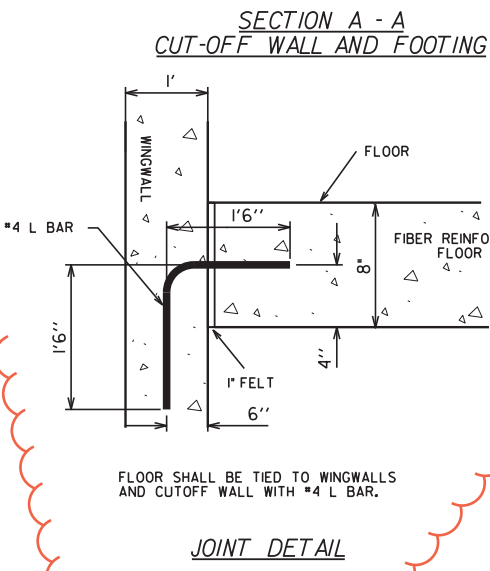
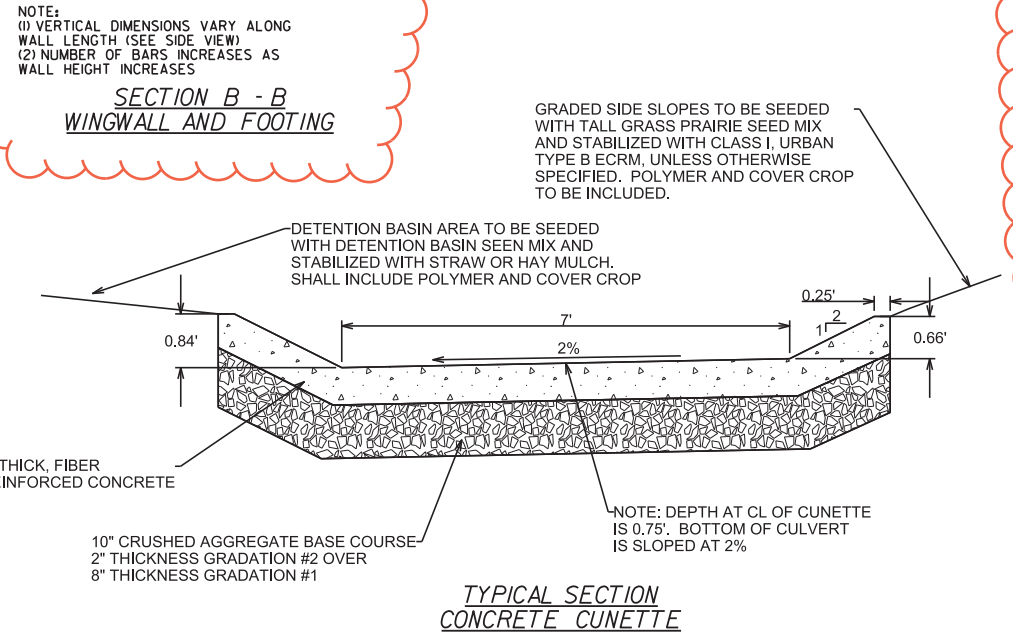
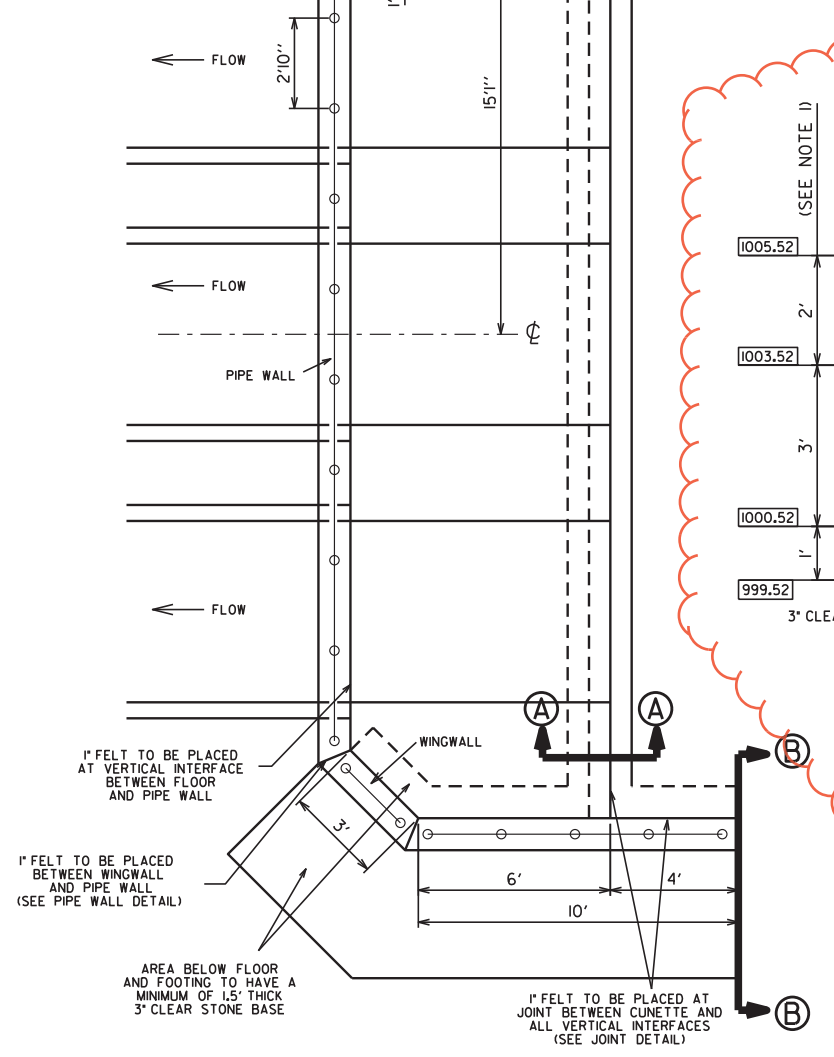
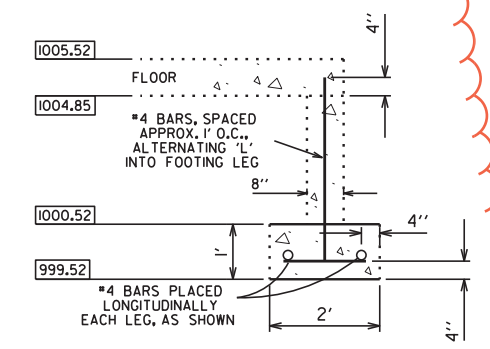
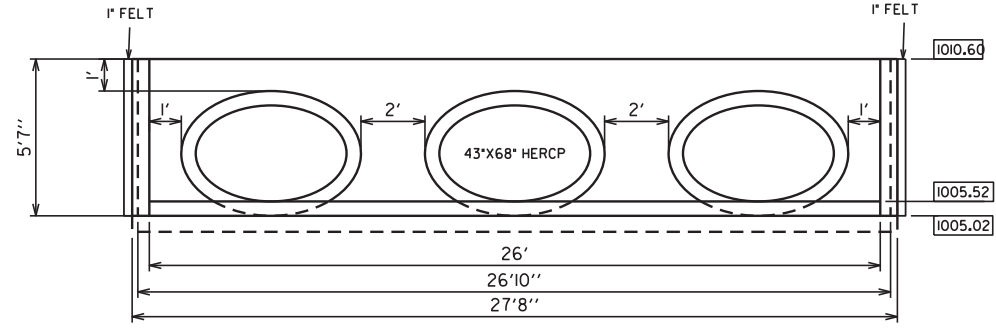
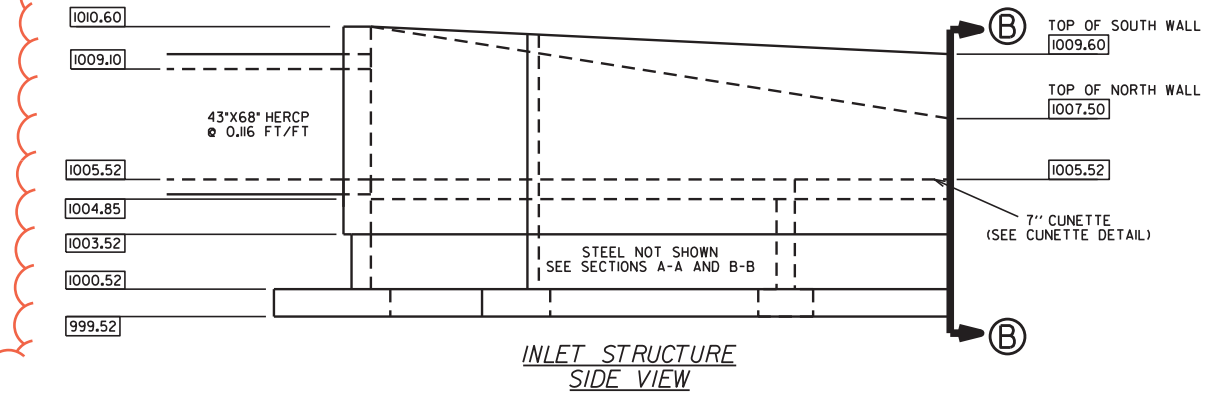
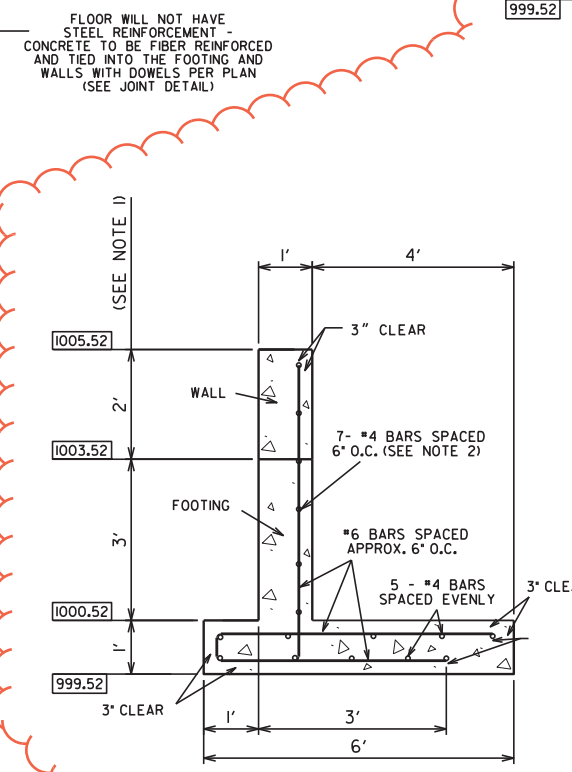
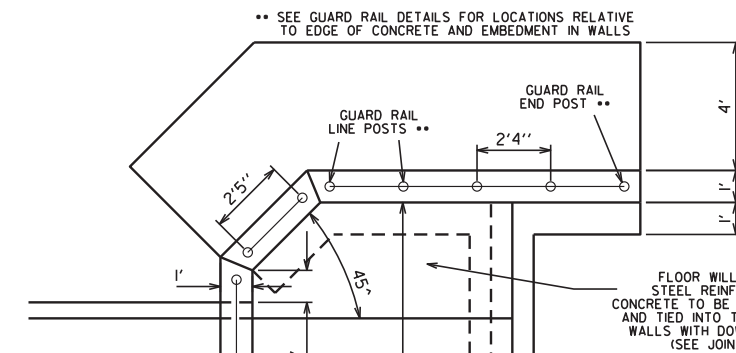
DETAILS

CUNETTE & INLET STRUCTURE CITY OF MADISON

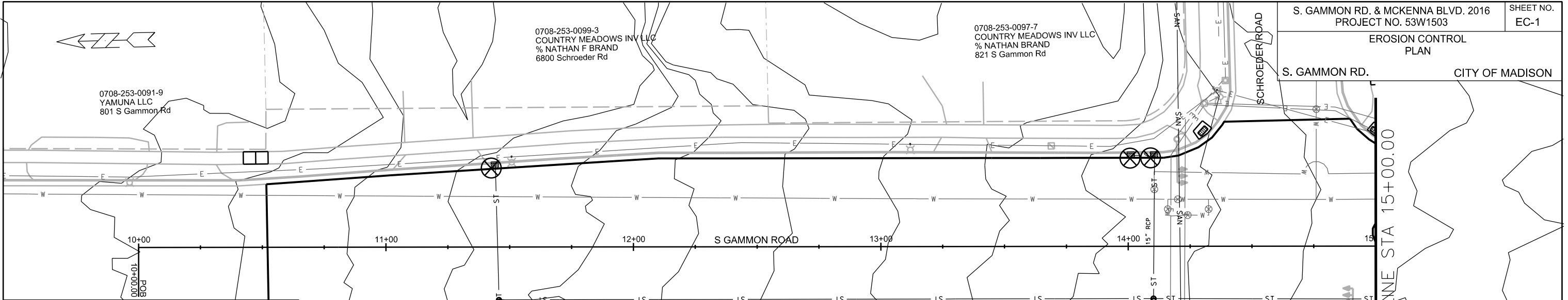
*REV 7/28/2016 ELD

S-5 POND INLET STRUCTURE DETAIL

NOTE: ALL STEEL EPOXY COATED



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



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.

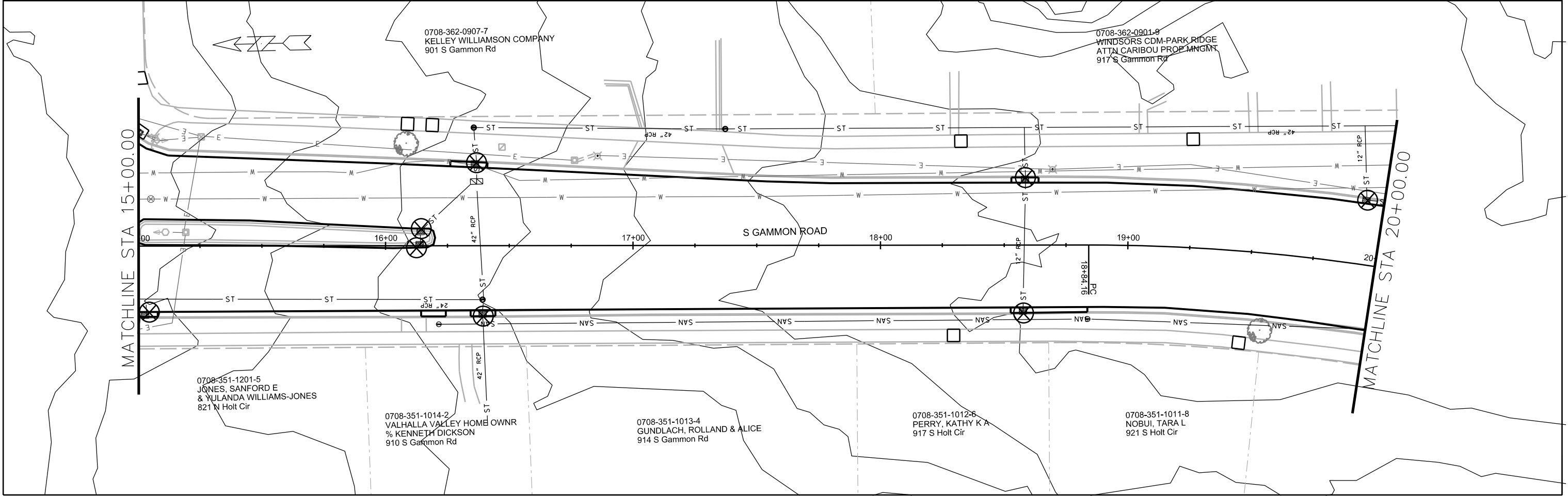
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POLYMER SHALL BE APPLIED TO DISTURBED AREAS AS DIRECTED BY THE CONSTRUCTION ENGINEER.

	STREET CONSTRUCTION ENTRANCE BERM
	CLEAR STONE BERM
	CONSTRUCTION ENTRANCE
	TYPE D HYBRID INLET PROTECTION
	TYPE C INLET PROTECTION
	SILT SOCK
	STREET CONSTRUCTION STONE BERM

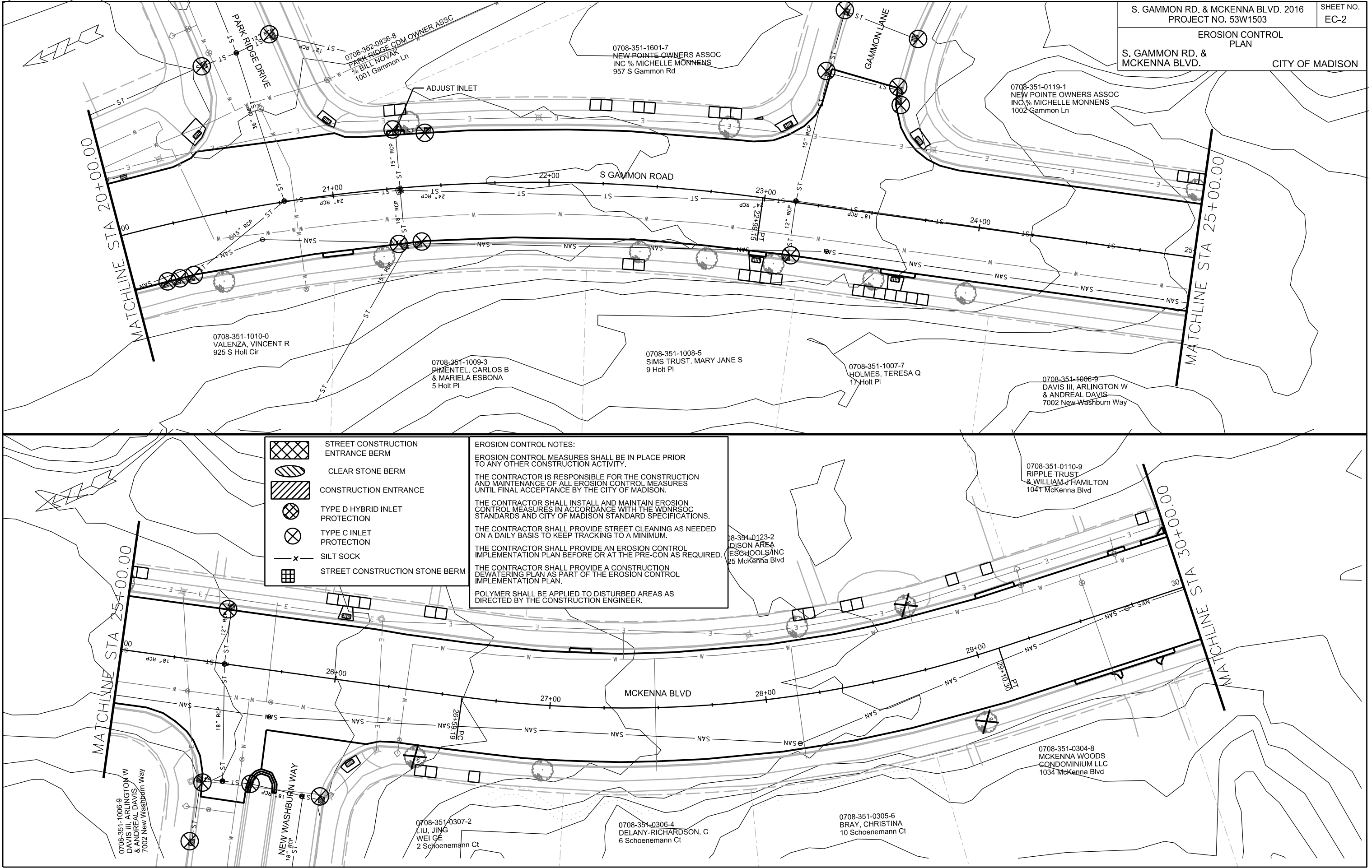


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

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-  CONSTRUCTION ENTRANCE
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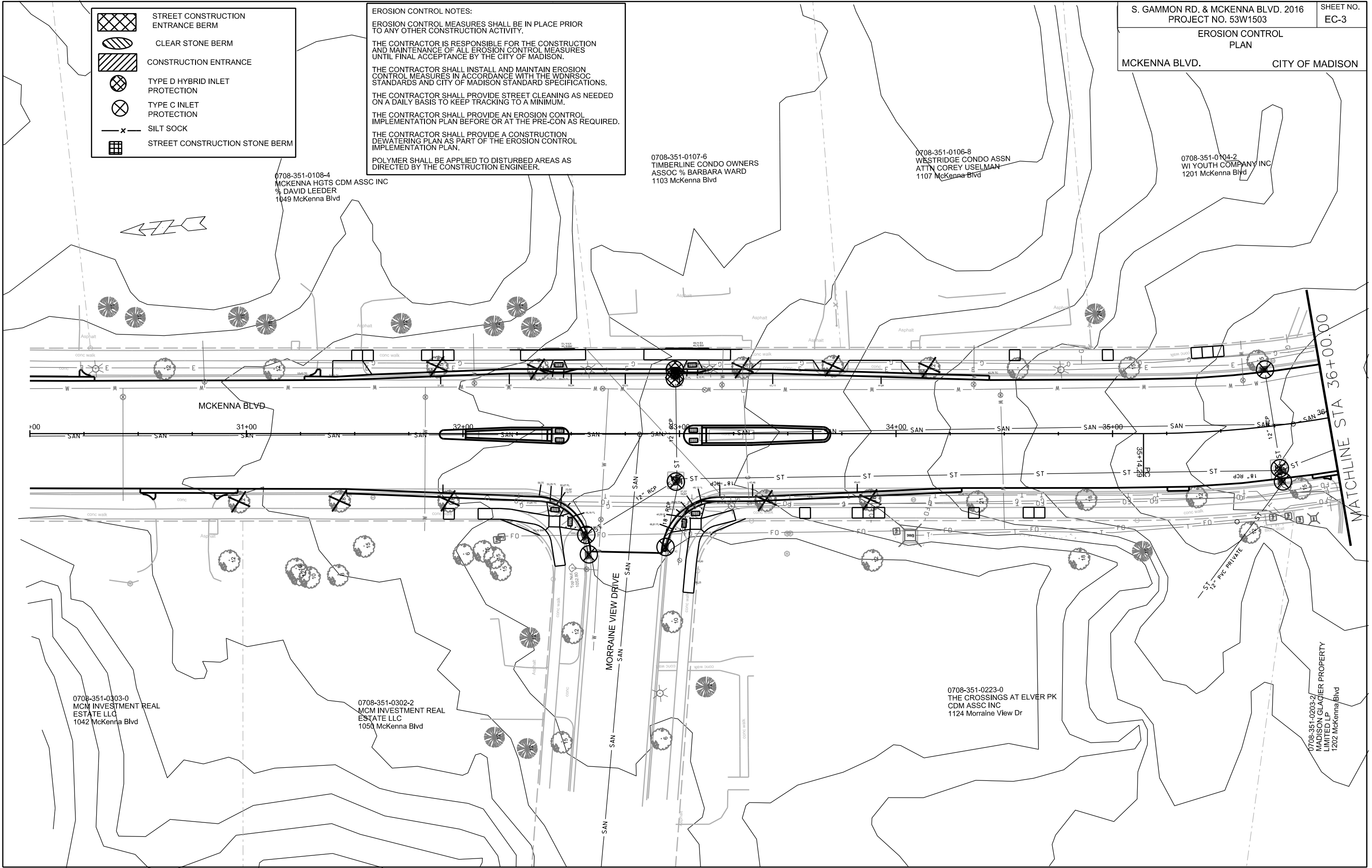
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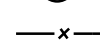
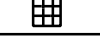
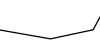
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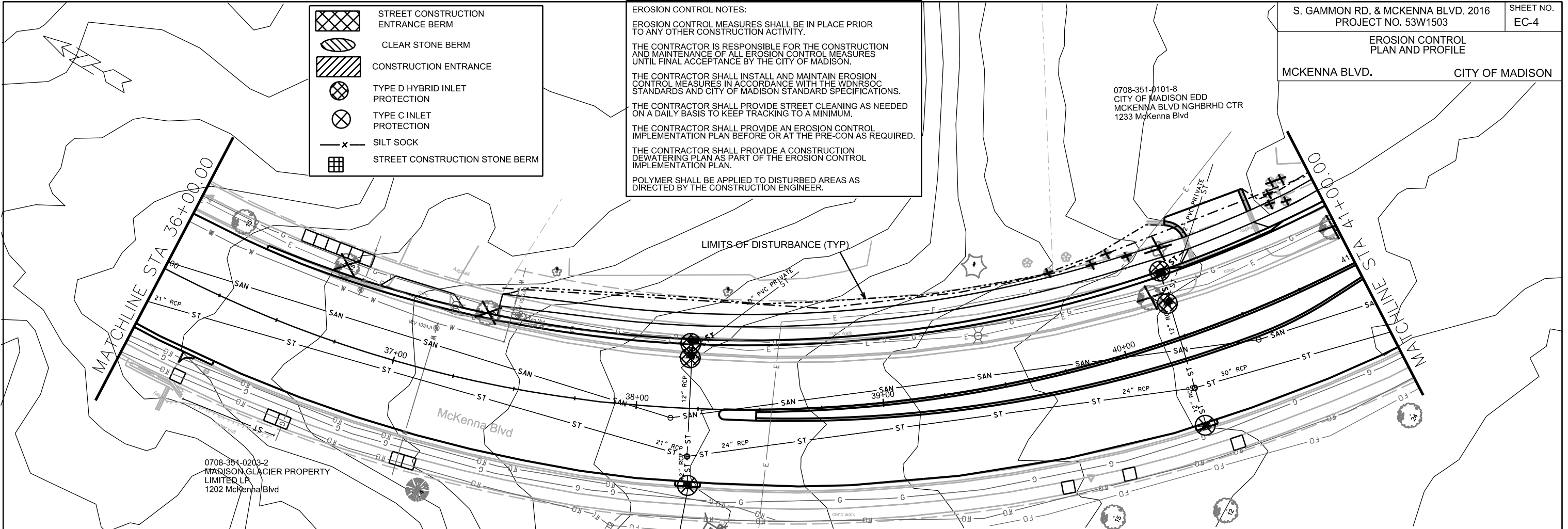
EROSION CONTROL
PLAN AND PROFILE

MCKENNA BLVD. CITY OF MADISON

-  STREET CONSTRUCTION ENTRANCE BERM
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0708-351-0101-8
CITY OF MADISON EDD
MCKENNA BLVD NGHBRHD CTR
1233 McKenna Blvd



0708-351-0203-2
MADISON GLACIER PROPERTY
LIMITED LP
1202 McKenna Blvd

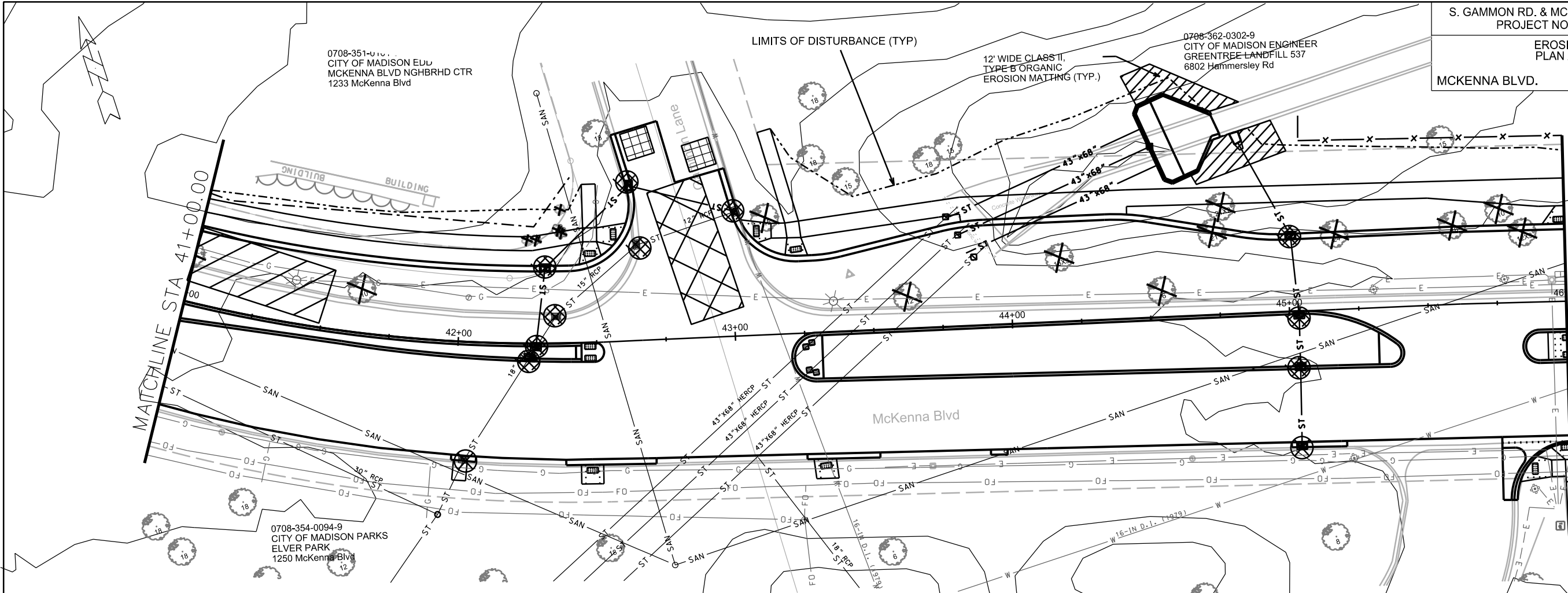


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MATCHLINE STA 41+00.00

MATCHLINE STA 46+00.00

0708-351-0000
CITY OF MADISON EDU
MCKENNA BLVD NGBRHD CTR
1233 McKenna Blvd

0708-354-0094-9
CITY OF MADISON PARKS
ELVER PARK
1250 McKenna Blvd

0708-362-0302-9
CITY OF MADISON ENGINEER
GREENTREE LANDFILL 537
6802 Hammersley Rd

LIMITS OF DISTURBANCE (TYP)

12' WIDE CLASS II,
TYPE B ORGANIC
EROSION MATTING (TYP.)

	STREET CONSTRUCTION ENTRANCE BERM
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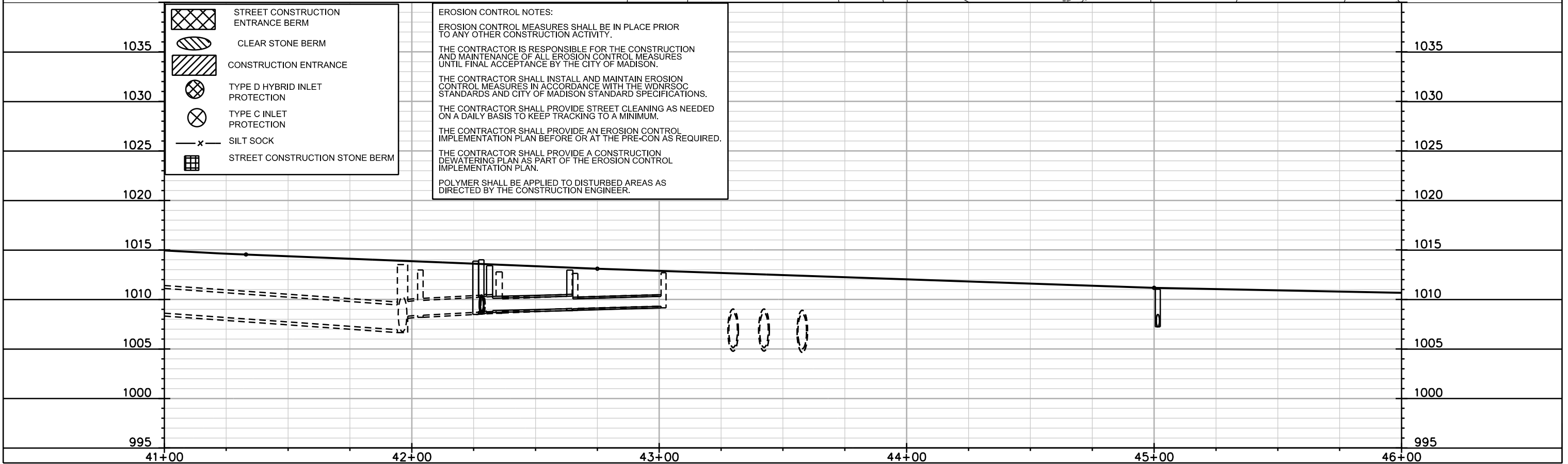
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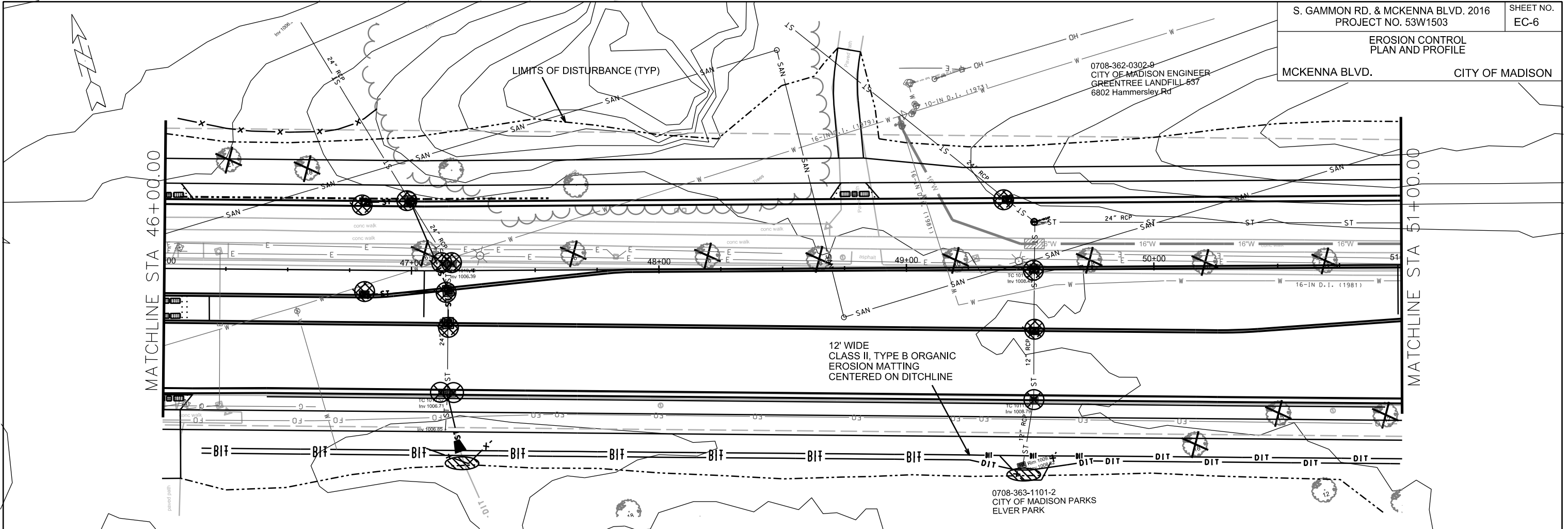
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EROSION CONTROL
PLAN AND PROFILE

MCKENNA BLVD. CITY OF MADISON

0708-362-0302-9
CITY OF MADISON ENGINEER
GREENTREE LANDFILL 537
6802 Hammersley Rd



	STREET CONSTRUCTION ENTRANCE BERM
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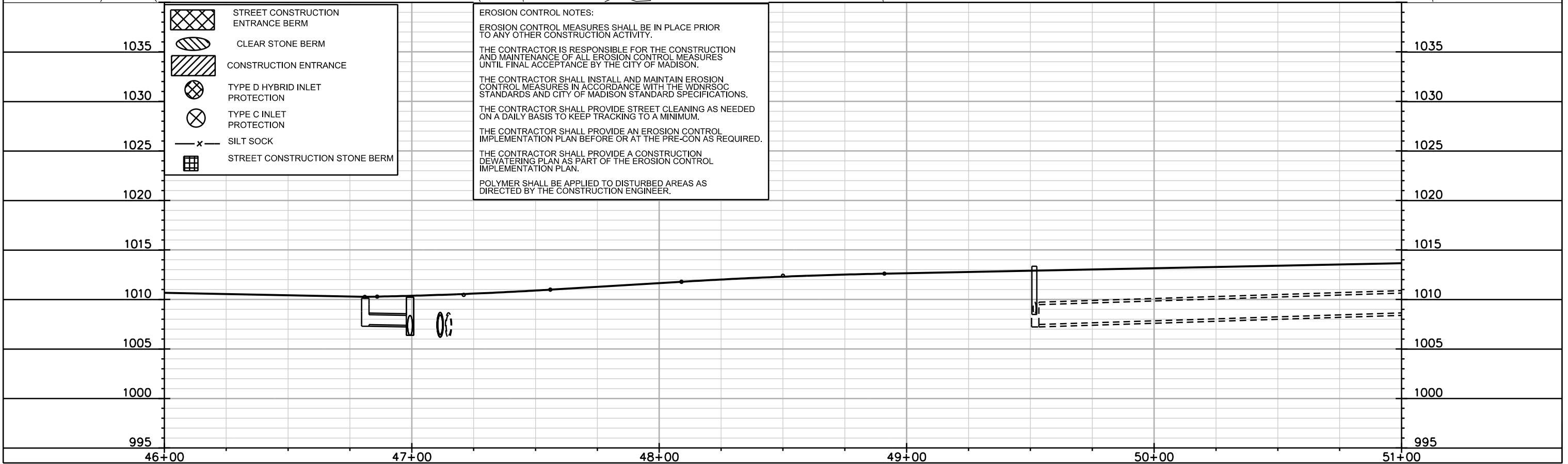
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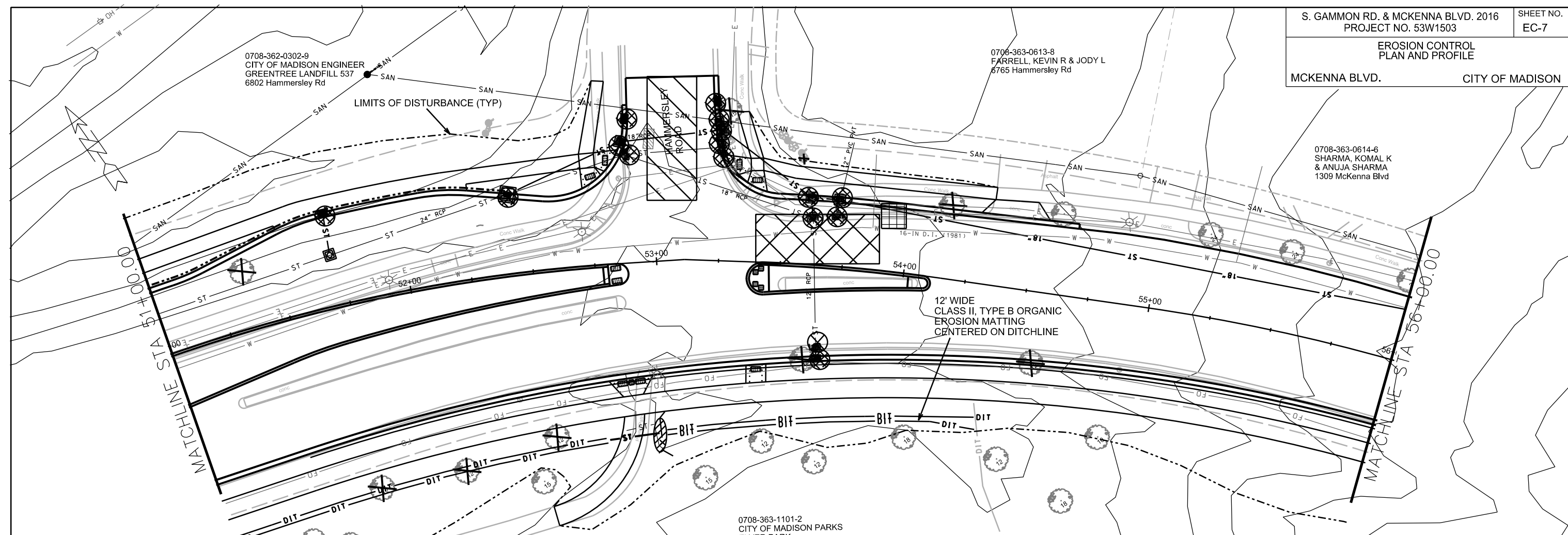
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0708-362-0302-9
CITY OF MADISON ENGINEER
GREENTREE LANDFILL 537
6802 Hammersley Rd

0708-363-0613-8
FARRELL, KEVIN R & JODY L
6765 Hammersley Rd








0708-363-0614-6
SHARMA, KOMAL K
& ANUJA SHARMA
1309 McKenna Blvd

0708-363-1101-2
CITY OF MADISON PARKS
FLYER PARK



MATCHLINE STA 51+00.00

MATCHLINE STA 56+00.00

-  STREET CONSTRUCTION ENTRANCE BERM
-  CLEAR STONE BERM
-  CONSTRUCTION ENTRANCE
-  TYPE D HYBRID INLET PROTECTION
-  TYPE C INLET PROTECTION
-  SILT SOCK
-  STREET CONSTRUCTION STONE BERM

EROSION CONTROL NOTES:

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

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

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

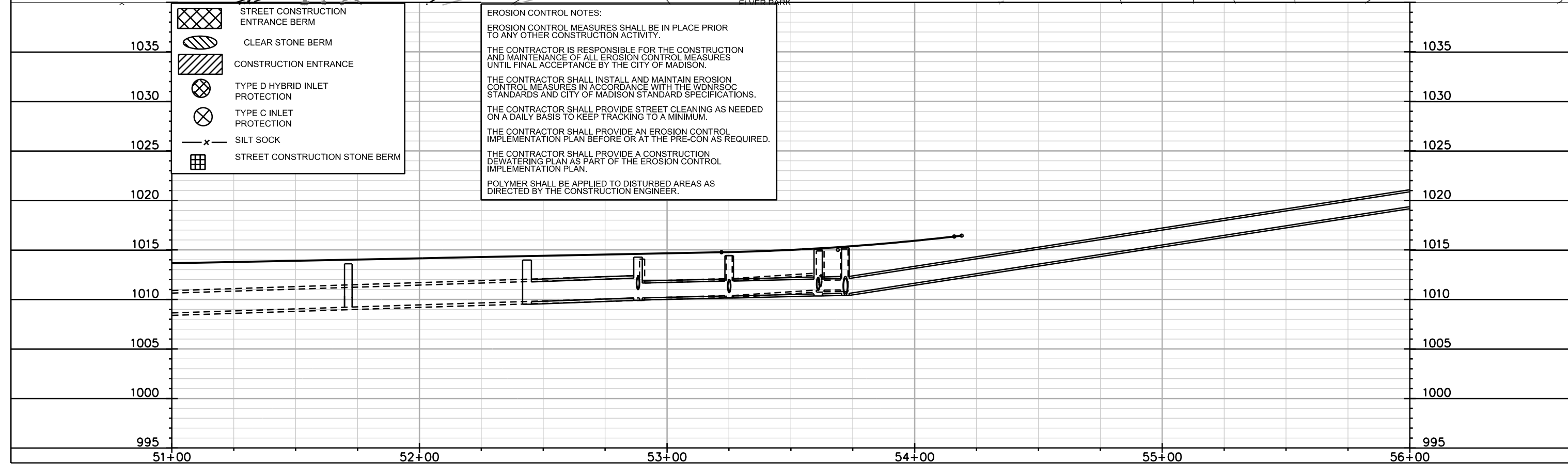
THE CONTRACTOR SHALL PROVIDE STREET CLEANING AS NEEDED ON A DAILY BASIS TO KEEP TRACKING TO A MINIMUM.

THE CONTRACTOR SHALL PROVIDE AN EROSION CONTROL IMPLEMENTATION PLAN BEFORE OR AT THE PRE-CON AS REQUIRED.

THE CONTRACTOR SHALL PROVIDE A CONSTRUCTION DEWATERING PLAN AS PART OF THE EROSION CONTROL IMPLEMENTATION PLAN.

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

12' WIDE CLASS II, TYPE B ORGANIC EROSION MATTING CENTERED ON DITCHLINE










PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

-  STREET CONSTRUCTION ENTRANCE BERM
-  CLEAR STONE BERM
-  CONSTRUCTION ENTRANCE
-  TYPE D HYBRID INLET PROTECTION
-  TYPE C INLET PROTECTION
-  SILT SOCK
-  STREET CONSTRUCTION STONE BERM

EROSION CONTROL NOTES:

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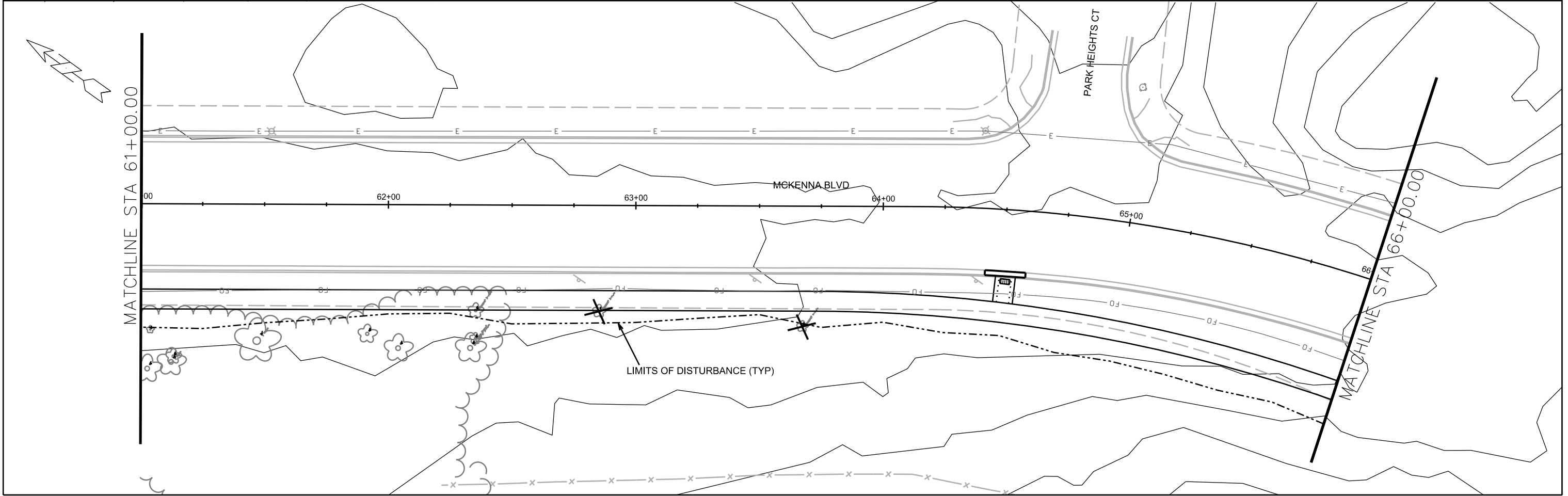
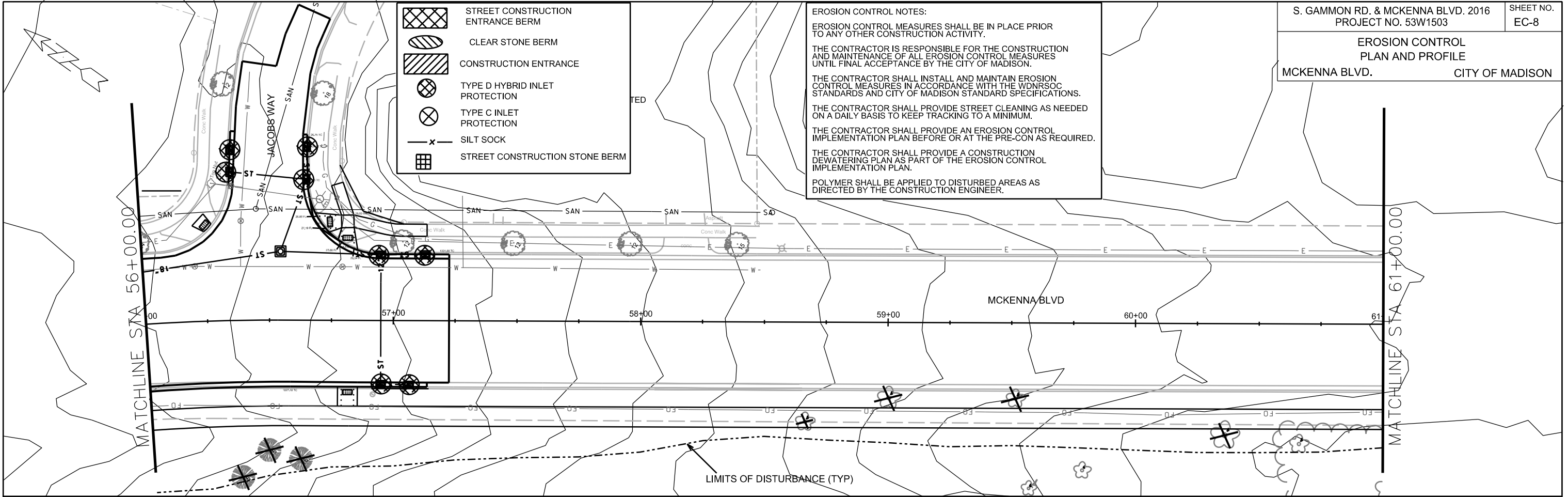
THE CONTRACTOR SHALL INSTALL AND MAINTAIN EROSION CONTROL MEASURES IN ACCORDANCE WITH THE WDNR SOC STANDARDS AND CITY OF MADISON STANDARD SPECIFICATIONS.

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

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



PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

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


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

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

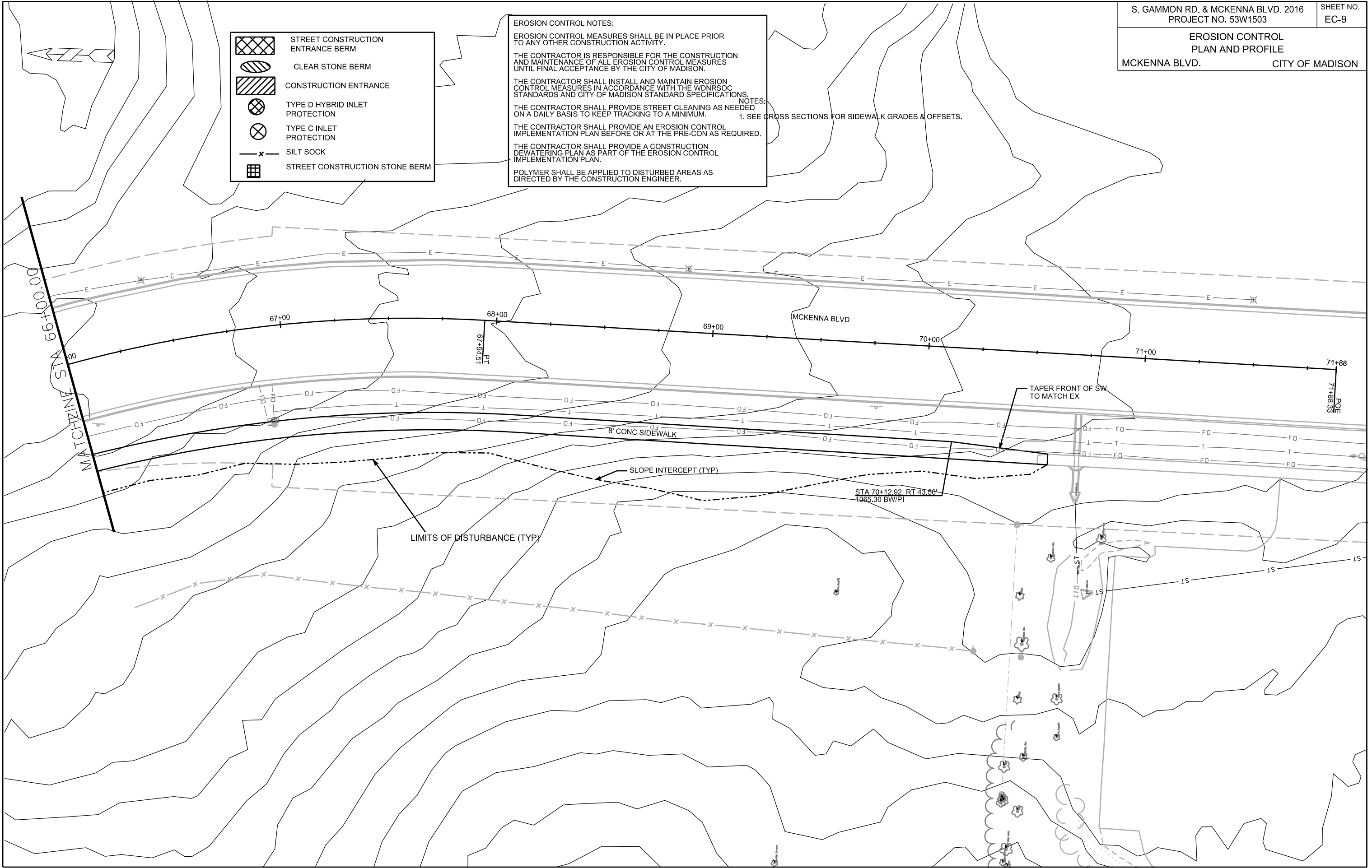
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-  STREET CONSTRUCTION ENTRANCE BERM
-  CLEAR STONE BERM
-  CONSTRUCTION ENTRANCE
-  TYPE D HYBRID INLET PROTECTION
-  TYPE C INLET PROTECTION
-  SILT SOCK
-  STREET CONSTRUCTION STONE BERM

NOTES:
 1. SEE CROSS SECTIONS FOR SIDEWALK GRADES & OFFSETS.

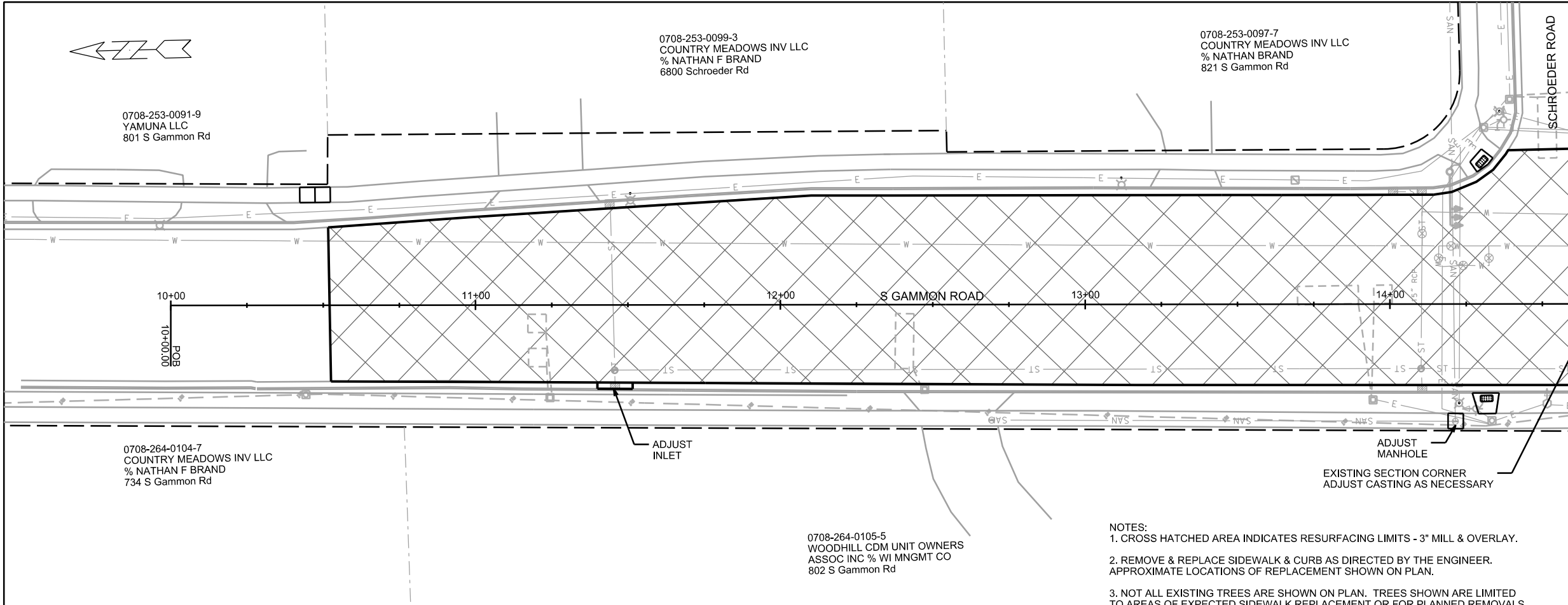


PLOT SCALE: _____

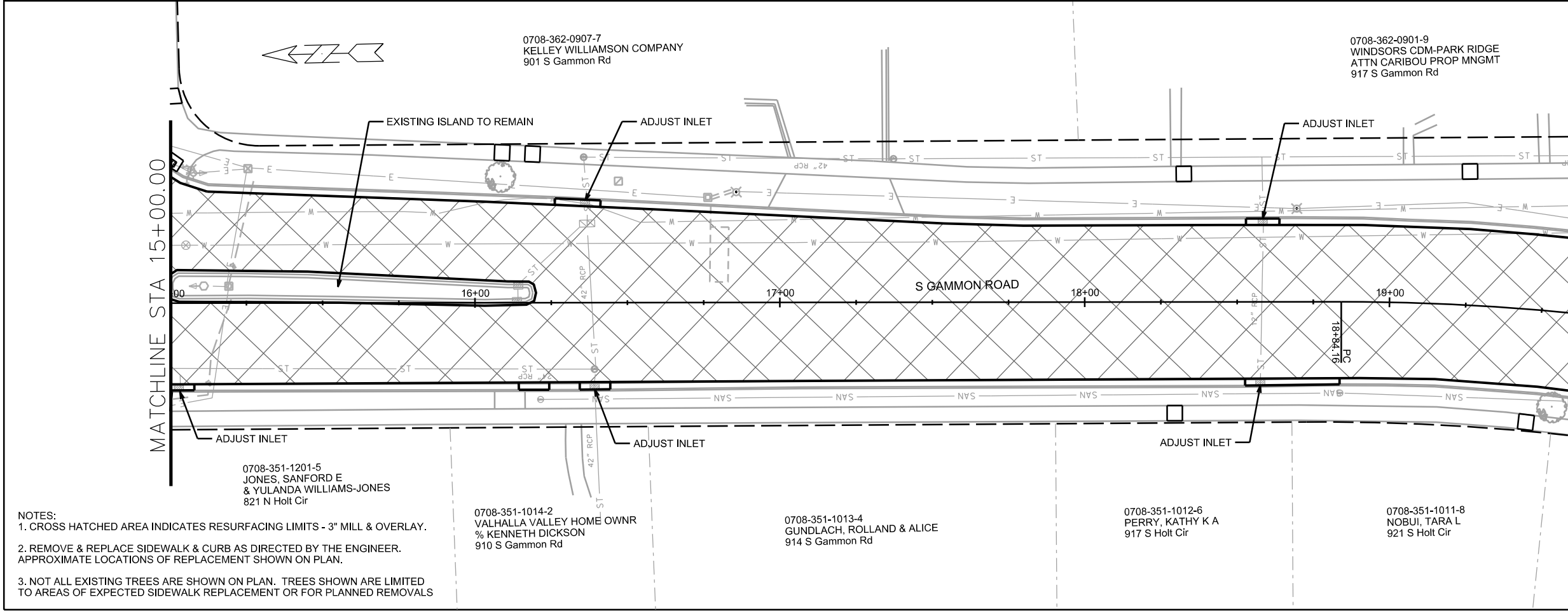
PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



NOTES:
1. CROSS HATCHED AREA INDICATES RESURFACING LIMITS - 3" MILL & OVERLAY.
2. REMOVE & REPLACE SIDEWALK & CURB AS DIRECTED BY THE ENGINEER. APPROXIMATE LOCATIONS OF REPLACEMENT SHOWN ON PLAN.
3. NOT ALL EXISTING TREES ARE SHOWN ON PLAN. TREES SHOWN ARE LIMITED TO AREAS OF EXPECTED SIDEWALK REPLACEMENT OR FOR PLANNED REMOVALS



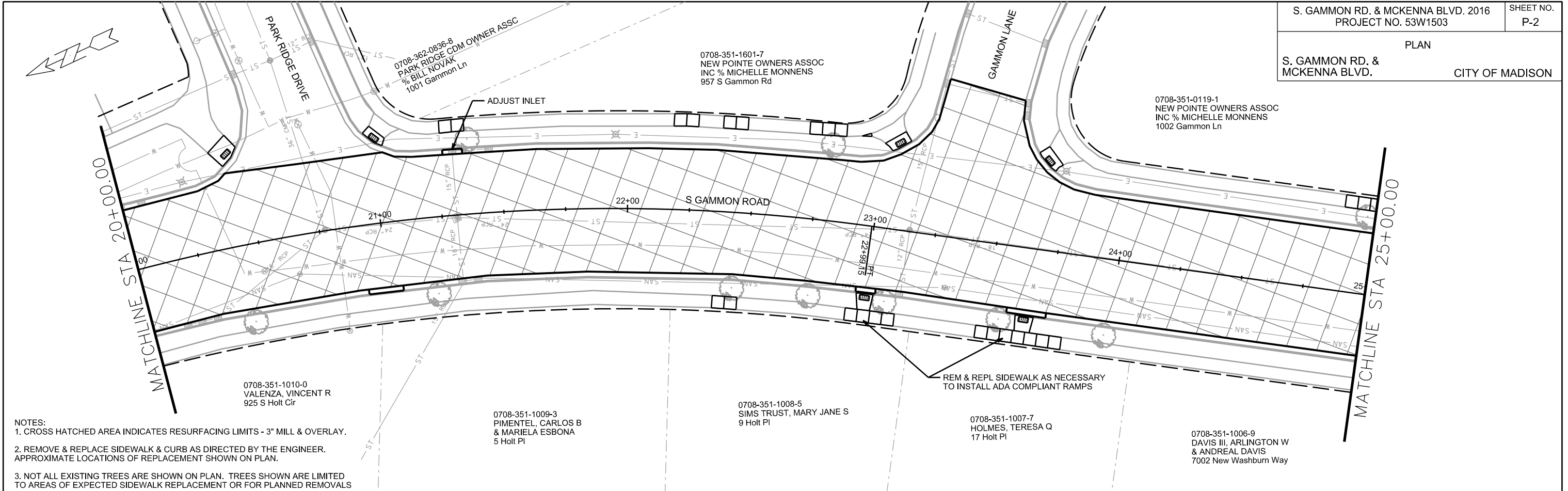
NOTES:
1. CROSS HATCHED AREA INDICATES RESURFACING LIMITS - 3" MILL & OVERLAY.
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PLOT SCALE: _____

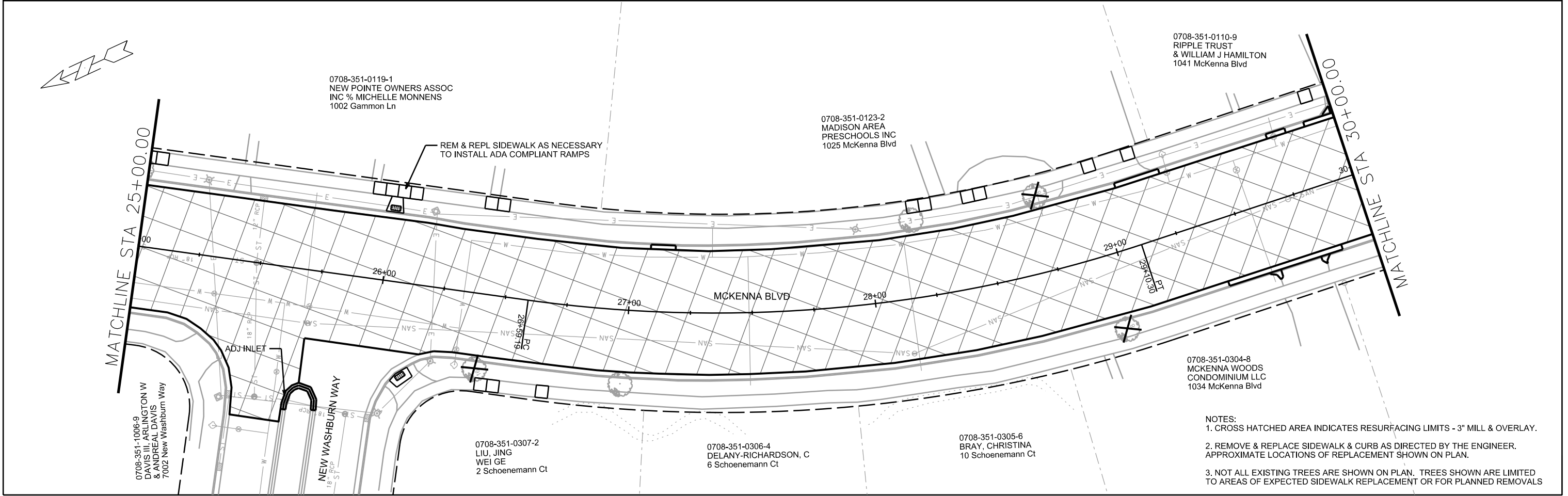
PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



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1. CROSS HATCHED AREA INDICATES RESURFACING LIMITS - 3" MILL & OVERLAY.
2. REMOVE & REPLACE SIDEWALK & CURB AS DIRECTED BY THE ENGINEER. APPROXIMATE LOCATIONS OF REPLACEMENT SHOWN ON PLAN.
3. NOT ALL EXISTING TREES ARE SHOWN ON PLAN. TREES SHOWN ARE LIMITED TO AREAS OF EXPECTED SIDEWALK REPLACEMENT OR FOR PLANNED REMOVALS



NOTES:
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2. REMOVE & REPLACE SIDEWALK & CURB AS DIRECTED BY THE ENGINEER. APPROXIMATE LOCATIONS OF REPLACEMENT SHOWN ON PLAN.
3. NOT ALL EXISTING TREES ARE SHOWN ON PLAN. TREES SHOWN ARE LIMITED TO AREAS OF EXPECTED SIDEWALK REPLACEMENT OR FOR PLANNED REMOVALS

PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

0708-351-0108-4
MCKENNA HGTS CDM ASSC INC
% DAVID LEEDER
1049 McKenna Blvd

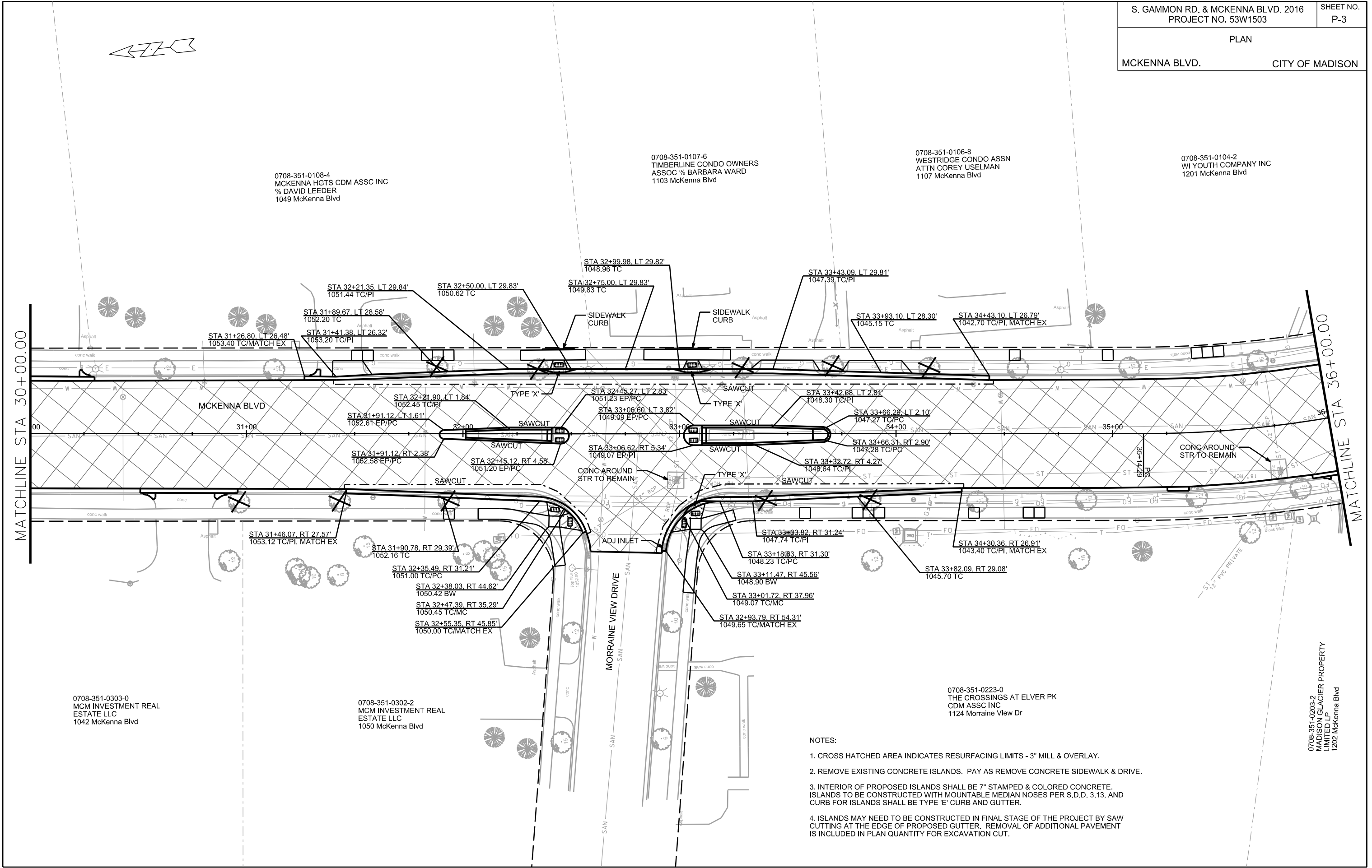
0708-351-0107-6
TIMBERLINE CONDO OWNERS
ASSOC % BARBARA WARD
1103 McKenna Blvd

0708-351-0106-8
WESTRIDGE CONDO ASSN
ATTN COREY USELMAN
1107 McKenna Blvd

0708-351-0104-2
WI YOUTH COMPANY INC
1201 McKenna Blvd

MATCHLINE STA 30+00.00

MATCHLINE STA 36+00.00



0708-351-0303-0
MCM INVESTMENT REAL
ESTATE LLC
1042 McKenna Blvd

0708-351-0302-2
MCM INVESTMENT REAL
ESTATE LLC
1050 McKenna Blvd

0708-351-0223-0
THE CROSSINGS AT ELVER PK
CDM ASSC INC
1124 Morraine View Dr

0708-351-0203-2
MADISON GLACIER PROPERTY
LIMITED LP
1202 McKenna Blvd

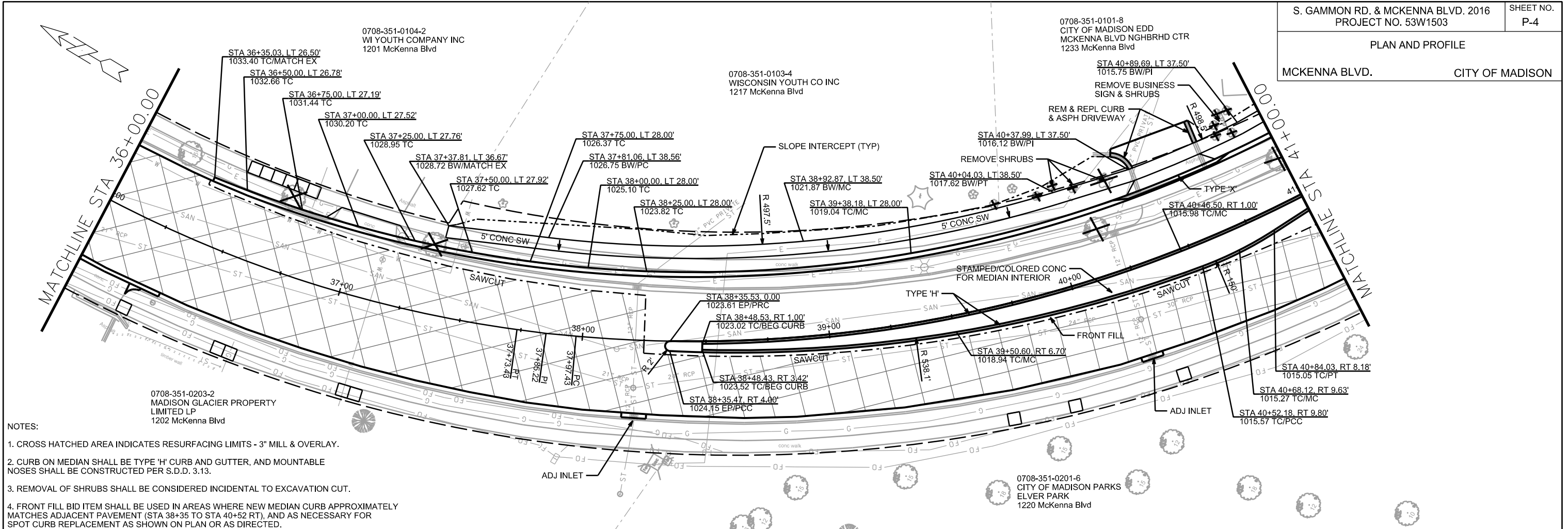
- NOTES:
- CROSS HATCHED AREA INDICATES RESURFACING LIMITS - 3" MILL & OVERLAY.
 - REMOVE EXISTING CONCRETE ISLANDS. PAY AS REMOVE CONCRETE SIDEWALK & DRIVE.
 - INTERIOR OF PROPOSED ISLANDS SHALL BE 7" STAMPED & COLORED CONCRETE. ISLANDS TO BE CONSTRUCTED WITH MOUNTABLE MEDIAN NOSES PER S.D.D. 3.13, AND CURB FOR ISLANDS SHALL BE TYPE 'E' CURB AND GUTTER.
 - ISLANDS MAY NEED TO BE CONSTRUCTED IN FINAL STAGE OF THE PROJECT BY SAW CUTTING AT THE EDGE OF PROPOSED GUTTER. REMOVAL OF ADDITIONAL PAVEMENT IS INCLUDED IN PLAN QUANTITY FOR EXCAVATION CUT.

PLOT SCALE: _____

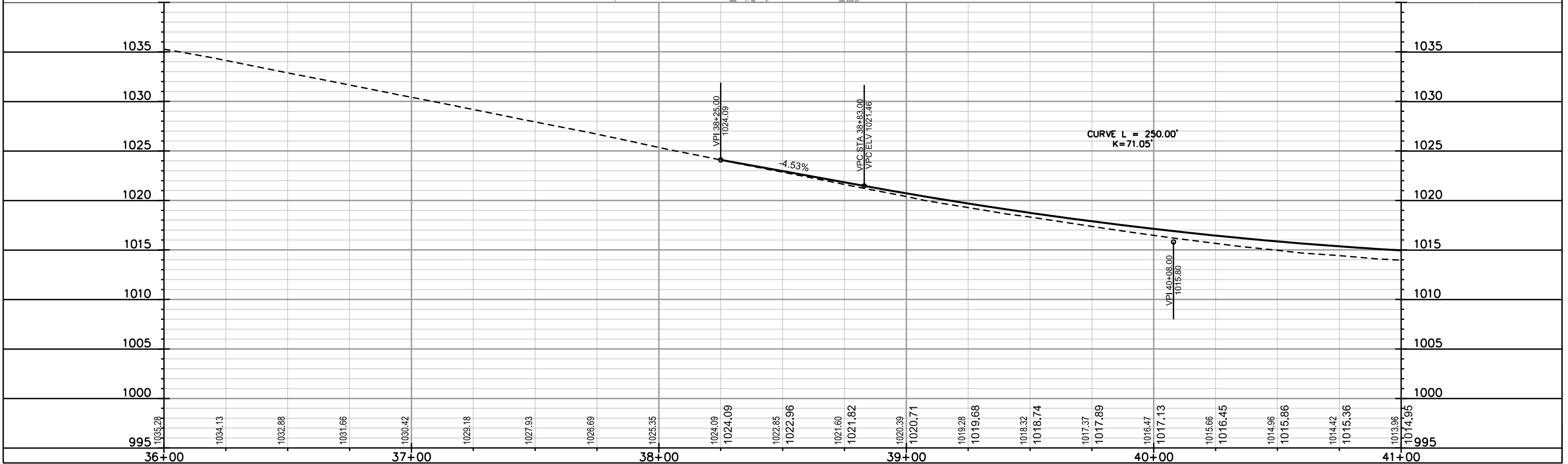
PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



- NOTES:
- CROSS HATCHED AREA INDICATES RESURFACING LIMITS - 3" MILL & OVERLAY.
 - CURB ON MEDIAN SHALL BE TYPE 'H' CURB AND GUTTER, AND MOUNTABLE NOSES SHALL BE CONSTRUCTED PER S.D.D. 3.13.
 - REMOVAL OF SHRUBS SHALL BE CONSIDERED INCIDENTAL TO EXCAVATION CUT.
 - FRONT FILL BID ITEM SHALL BE USED IN AREAS WHERE NEW MEDIAN CURB APPROXIMATELY MATCHES ADJACENT PAVEMENT (STA 38+35 TO STA 40+52 RT), AND AS NECESSARY FOR SPOT CURB REPLACEMENT AS SHOWN ON PLAN OR AS DIRECTED.

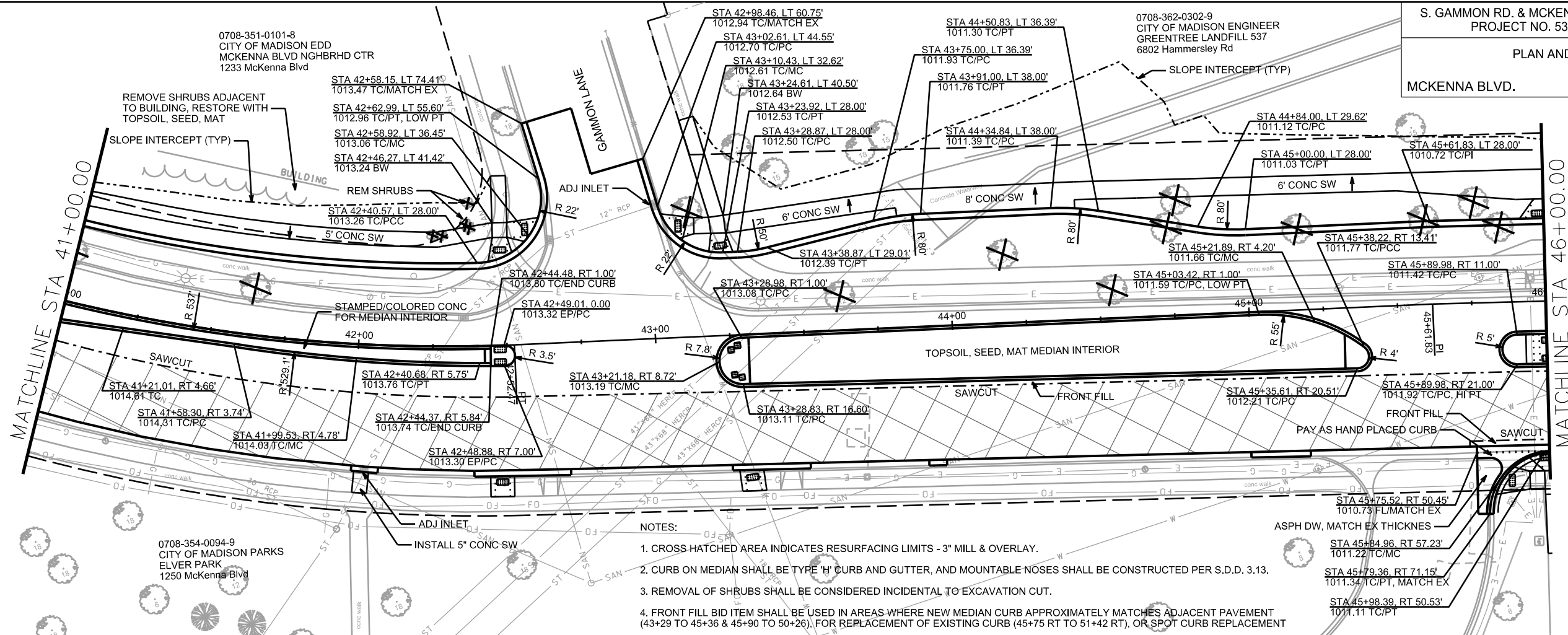


PLOT SCALE: _____

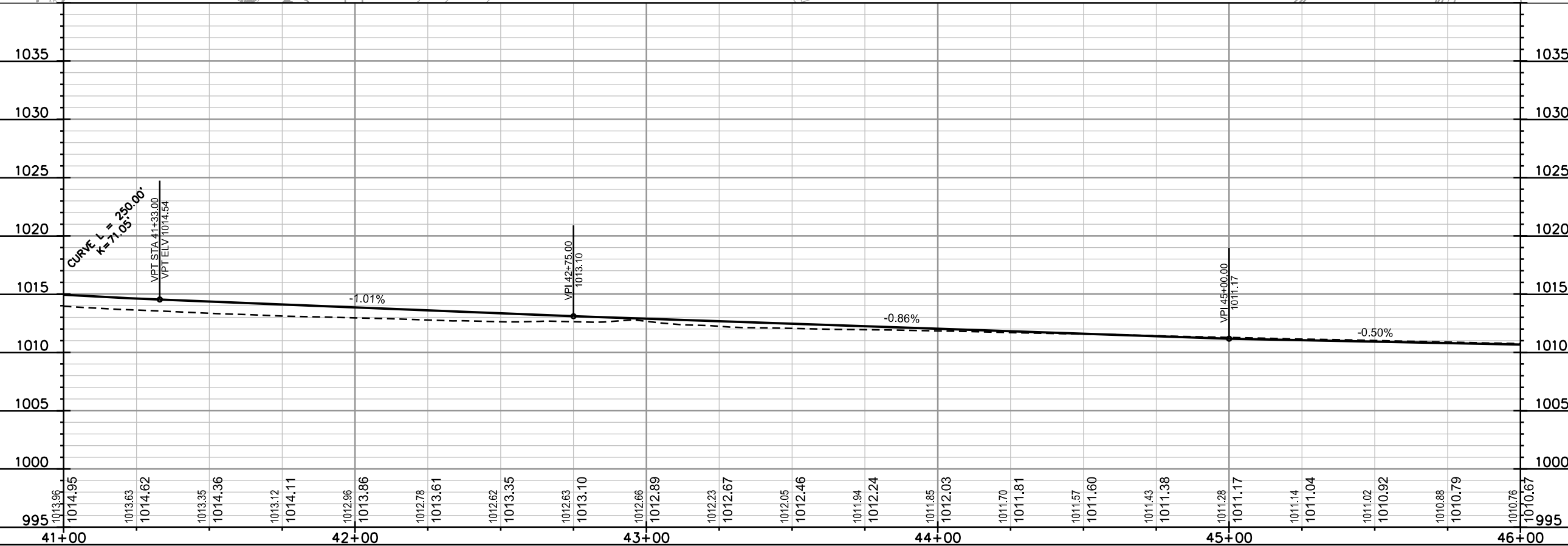
PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



- NOTES:
- CROSS HATCHED AREA INDICATES RESURFACING LIMITS - 3" MILL & OVERLAY.
 - CURB ON MEDIAN SHALL BE TYPE 'H' CURB AND GUTTER, AND MOUNTABLE NOSES SHALL BE CONSTRUCTED PER S.D.D. 3.13.
 - REMOVAL OF SHRUBS SHALL BE CONSIDERED INCIDENTAL TO EXCAVATION CUT.
 - FRONT FILL BID ITEM SHALL BE USED IN AREAS WHERE NEW MEDIAN CURB APPROXIMATELY MATCHES ADJACENT PAVEMENT (43+29 TO 45+36 & 45+90 TO 50+26), FOR REPLACEMENT OF EXISTING CURB (45+75 RT TO 51+42 RT), OR SPOT CURB REPLACEMENT



PLOT SCALE: _____

PLOT NAME: _____

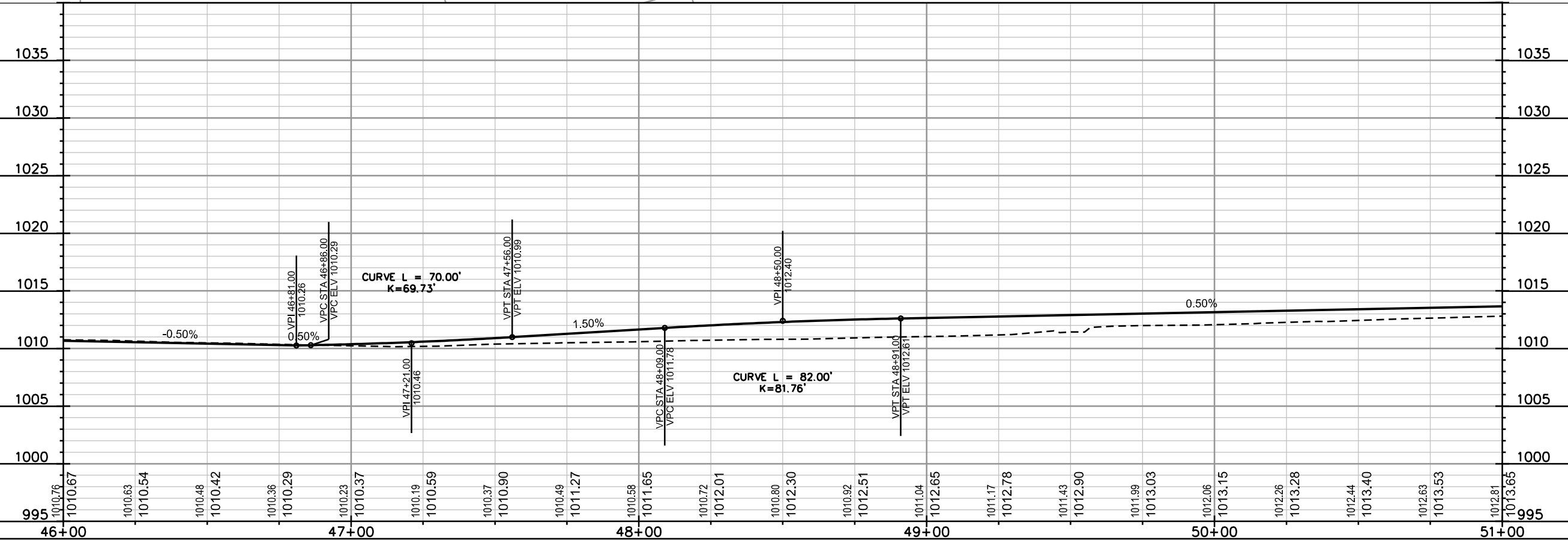
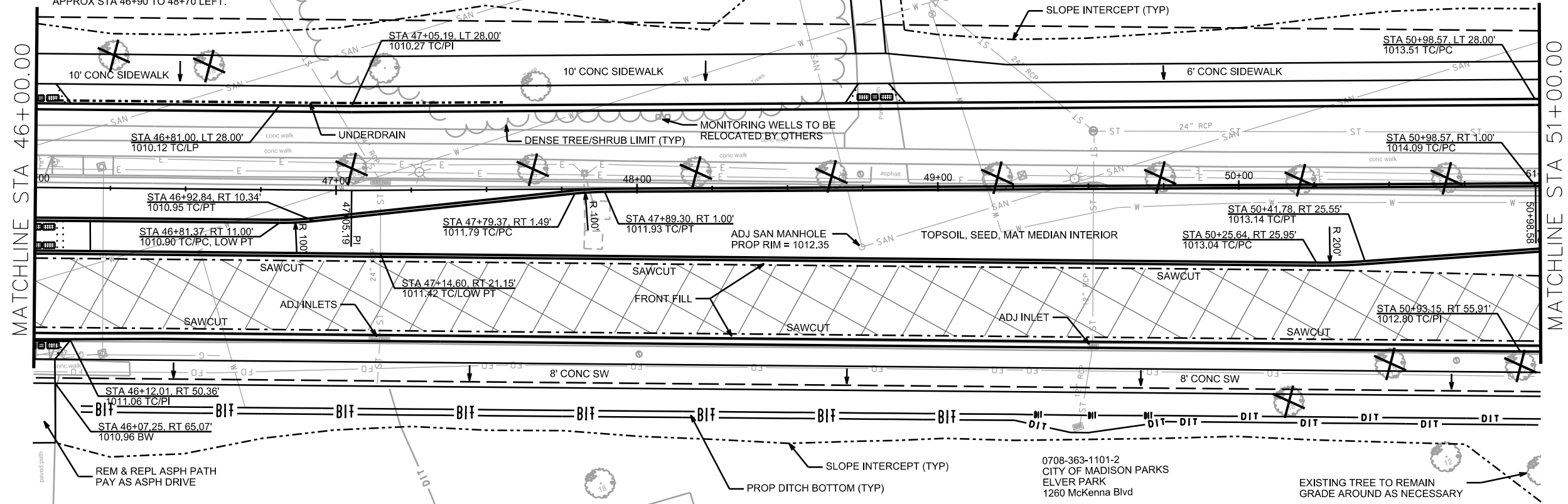
REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

- NOTES:
- CROSS HATCHED AREA INDICATES RESURFACING LIMITS - 3" MILL & OVERLAY.
 - CURB ON MEDIAN SHALL BE TYPE 'H' CURB AND GUTTER, AND MOUNTABLE NOSES SHALL BE CONSTRUCTED PER S.D.D. 3.13.
 - REMOVAL OF SHRUBS SHALL BE CONSIDERED INCIDENTAL TO EXCAVATION CUT.
 - FRONT FILL BID ITEM SHALL BE USED IN AREAS WHERE NEW MEDIAN CURB APPROXIMATELY MATCHES ADJACENT PAVEMENT (45+90 TO 50+26), FOR REPLACEMENT OF EXISTING CURB (45+75 RT TO 51+42 RT), OR SPOT CURB REPLACEMENT.
 - CLEARING & GRUBBING OF DENSE TREES & SHRUBS SHALL BE PAID AS LUMP SUM. TREE LINE & SLOPE INTERCEPT SHOWN. APPROX STA 46+90 TO 48+70 LEFT.

0708-362-0302-9
CITY OF MADISON ENGINEER
GREENTREE LANDFILL 537
6802 Hammersley Rd

0708-363-1101-2
CITY OF MADISON PARKS
ELVER PARK
1260 McKenna Blvd



PLOT SCALE: _____

PLOT NAME: _____

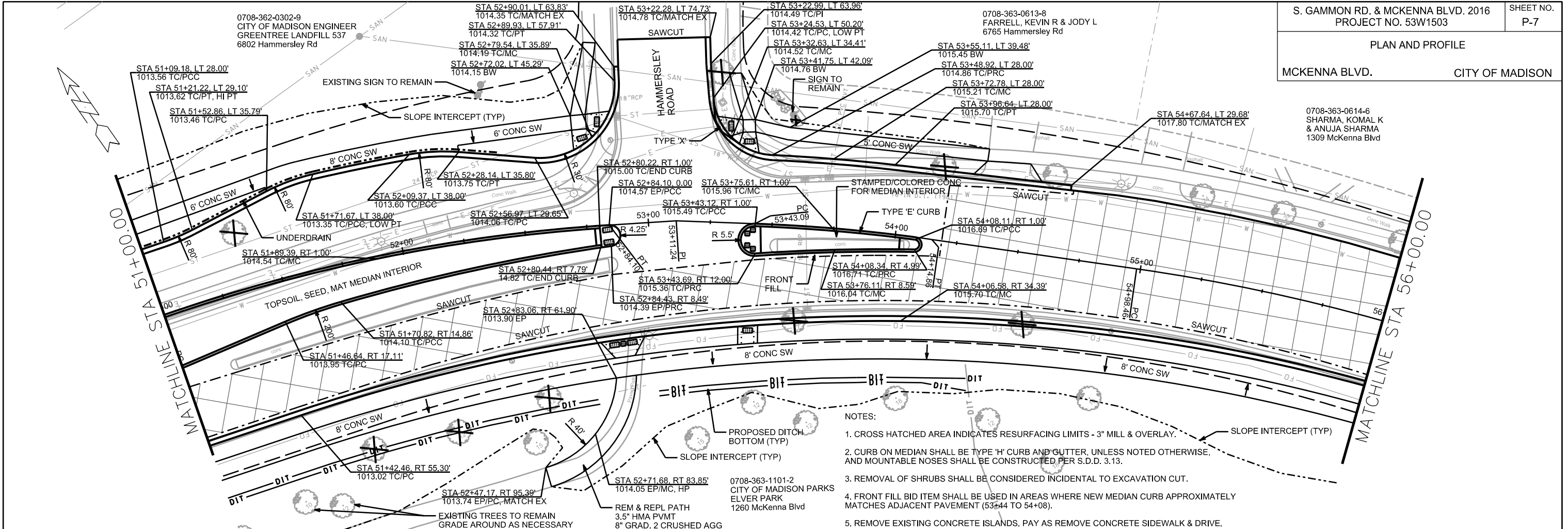
REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

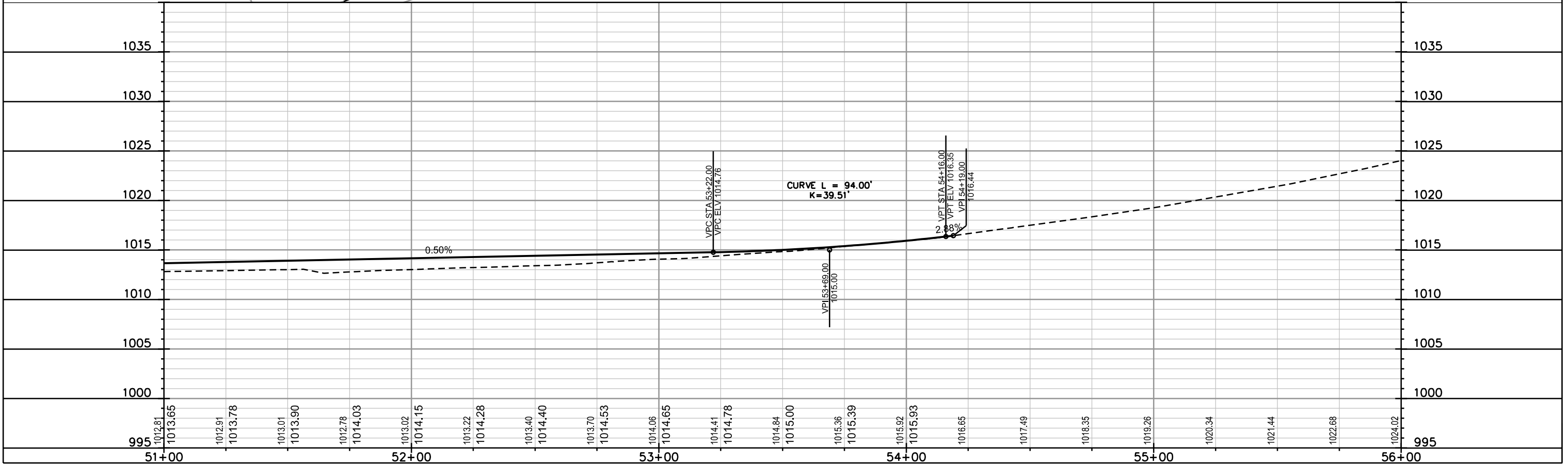
0708-362-0302-9
CITY OF MADISON ENGINEER
GREENTREE LANDFILL 537
6802 Hammersley Rd

0708-363-0613-8
FARRELL, KEVIN R & JODY L
6765 Hammersley Rd

0708-363-0614-6
SHARMA, KOMAL K
& ANUJA SHARMA
1309 McKenna Blvd



- NOTES:
- CROSS HATCHED AREA INDICATES RESURFACING LIMITS - 3" MILL & OVERLAY.
 - CURB ON MEDIAN SHALL BE TYPE 'H' CURB AND GUTTER, UNLESS NOTED OTHERWISE, AND MOUNTABLE NOSES SHALL BE CONSTRUCTED PER S.D.D. 3.13.
 - REMOVAL OF SHRUBS SHALL BE CONSIDERED INCIDENTAL TO EXCAVATION CUT.
 - FRONT FILL BID ITEM SHALL BE USED IN AREAS WHERE NEW MEDIAN CURB APPROXIMATELY MATCHES ADJACENT PAVEMENT (53+44 TO 54+08).
 - REMOVE EXISTING CONCRETE ISLANDS. PAY AS REMOVE CONCRETE SIDEWALK & DRIVE.



PLOT SCALE: _____

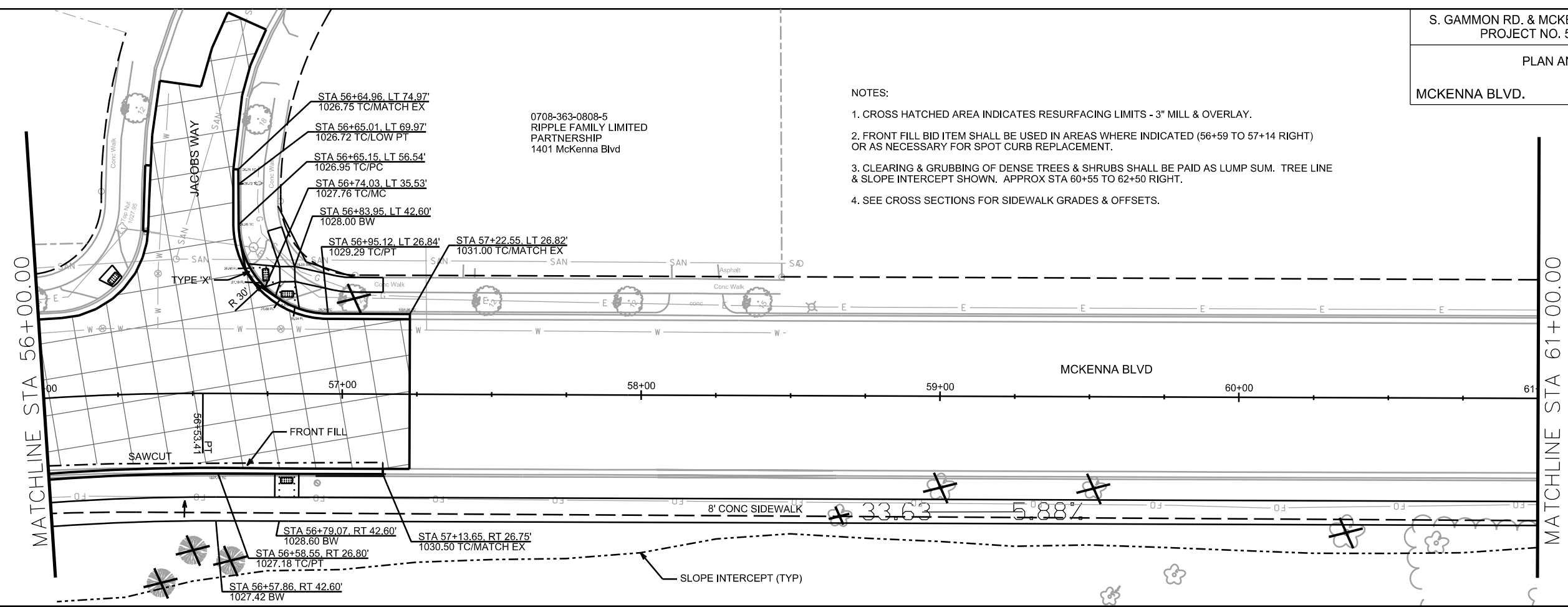
PLOT NAME: _____

REV. DATE: _____

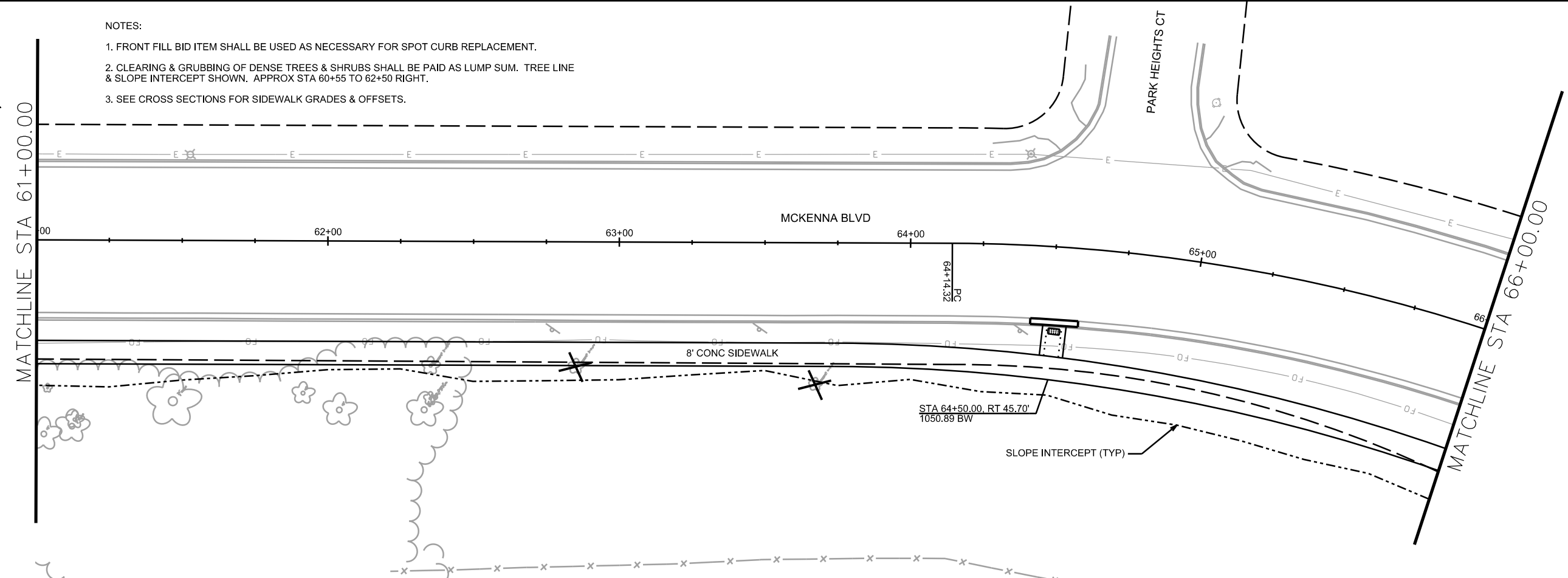
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

- NOTES:
- CROSS HATCHED AREA INDICATES RESURFACING LIMITS - 3" MILL & OVERLAY.
 - FRONT FILL BID ITEM SHALL BE USED IN AREAS WHERE INDICATED (56+59 TO 57+14 RIGHT) OR AS NECESSARY FOR SPOT CURB REPLACEMENT.
 - CLEARING & GRUBBING OF DENSE TREES & SHRUBS SHALL BE PAID AS LUMP SUM. TREE LINE & SLOPE INTERCEPT SHOWN. APPROX STA 60+55 TO 62+50 RIGHT.
 - SEE CROSS SECTIONS FOR SIDEWALK GRADES & OFFSETS.

0708-363-0808-5
RIPPLE FAMILY LIMITED
PARTNERSHIP
1401 McKenna Blvd



- NOTES:
- FRONT FILL BID ITEM SHALL BE USED AS NECESSARY FOR SPOT CURB REPLACEMENT.
 - CLEARING & GRUBBING OF DENSE TREES & SHRUBS SHALL BE PAID AS LUMP SUM. TREE LINE & SLOPE INTERCEPT SHOWN. APPROX STA 60+55 TO 62+50 RIGHT.
 - SEE CROSS SECTIONS FOR SIDEWALK GRADES & OFFSETS.



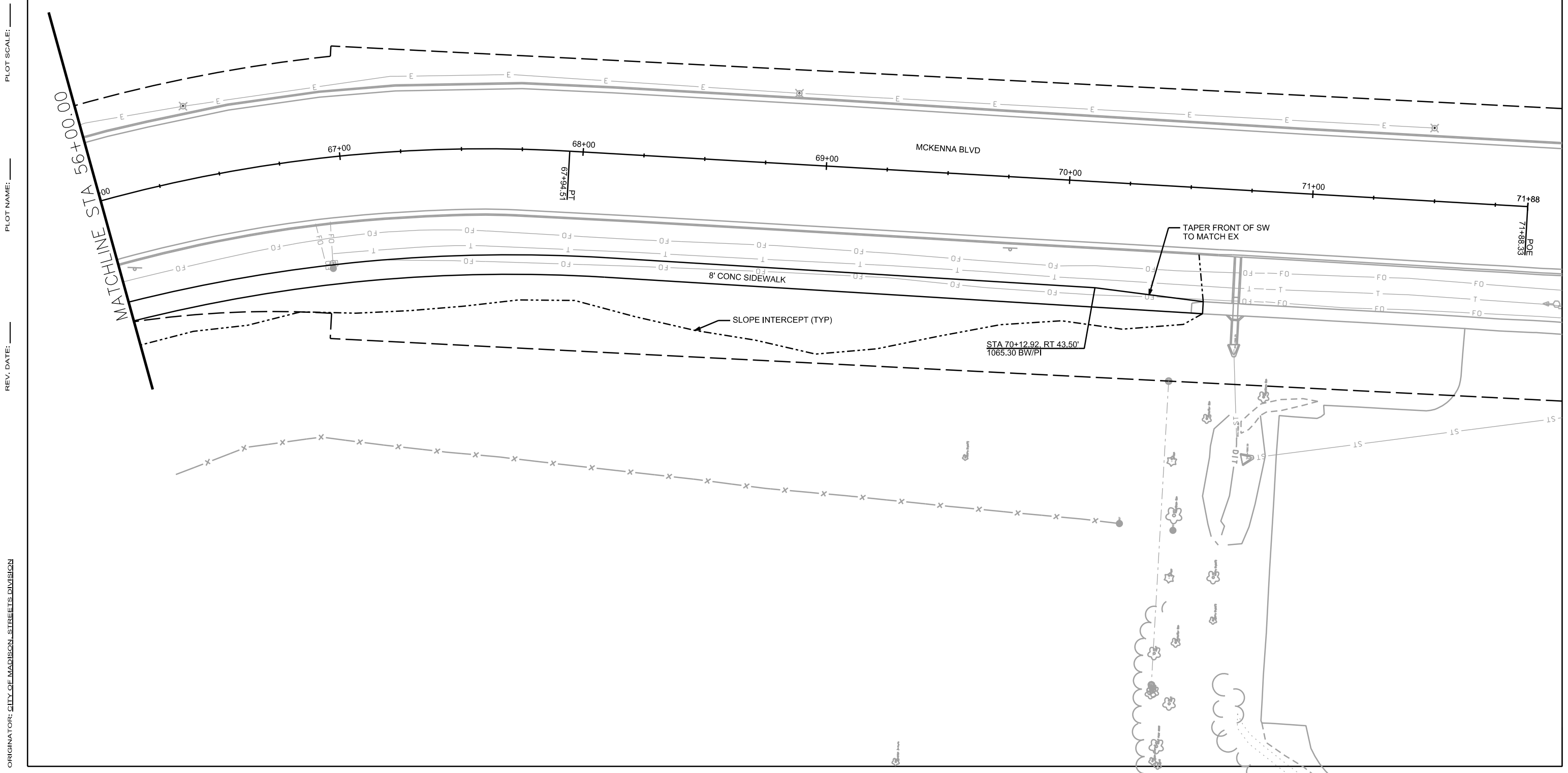
PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

NOTES:
1. SEE CROSS SECTIONS FOR SIDEWALK GRADES & OFFSETS.



PLOT SCALE: _____
PLOT NAME: _____
REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

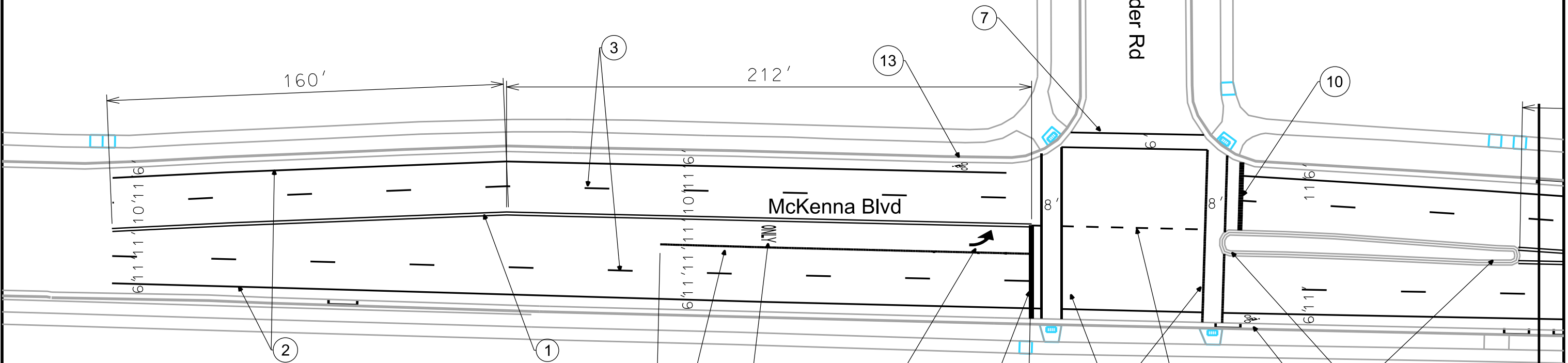
Pavement Marking Plan
CITY OF MADISON

PLOT SCALE:

PLOT NAME:

REV. DATE:

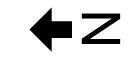
ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.



- 1 PAVEMENT MARKING EPOXY, DOUBLE LINE, 4-INCH
- 2 PAVEMENT MARKING EPOXY, LINE, 6-INCH
- 3 PAVEMENT MARKING EPOXY, LINE, 6-INCH (10' LINE, 30' GAP)
- 4 PAVEMENT MARKING EPOXY, LINE, 8-INCH
- 5 PAVEMENT MARKING EPOXY, RADIUS LINE, 6-INCH (5' LINE, 5' GAP)
- 6 PAVEMENT MARKING EPOXY, DIAGONAL LINE, 8-INCH
- 7 PAVEMENT MARKING EPOXY, CROSSWALK, 6-INCH
- 8 PAVEMENT MARKING EPOXY, CROSSWALK, 12-INCH
- 9 PAVEMENT MARKING EPOXY, CONTINENTAL CROSSWALK, 18-INCH
- 10 PAVEMENT MARKING EPOXY, STOP LINE, 24-INCH
- 11 PAVEMENT MARKING EPOXY, CURB
- 12 PAVEMENT MARKING EPOXY, MEDIAN NOSE
- 13 PAVEMENT MARKING EPOXY, SYMBOL, BIKE LANE
- 14 PAVEMENT MARKING EPOXY, SYMBOL, LEFT ARROW
- 15 PAVEMENT MARKING EPOXY, WORD, ONLY

MK 1
Sheet M2

Pavement Marking Plan
CITY OF MADISON



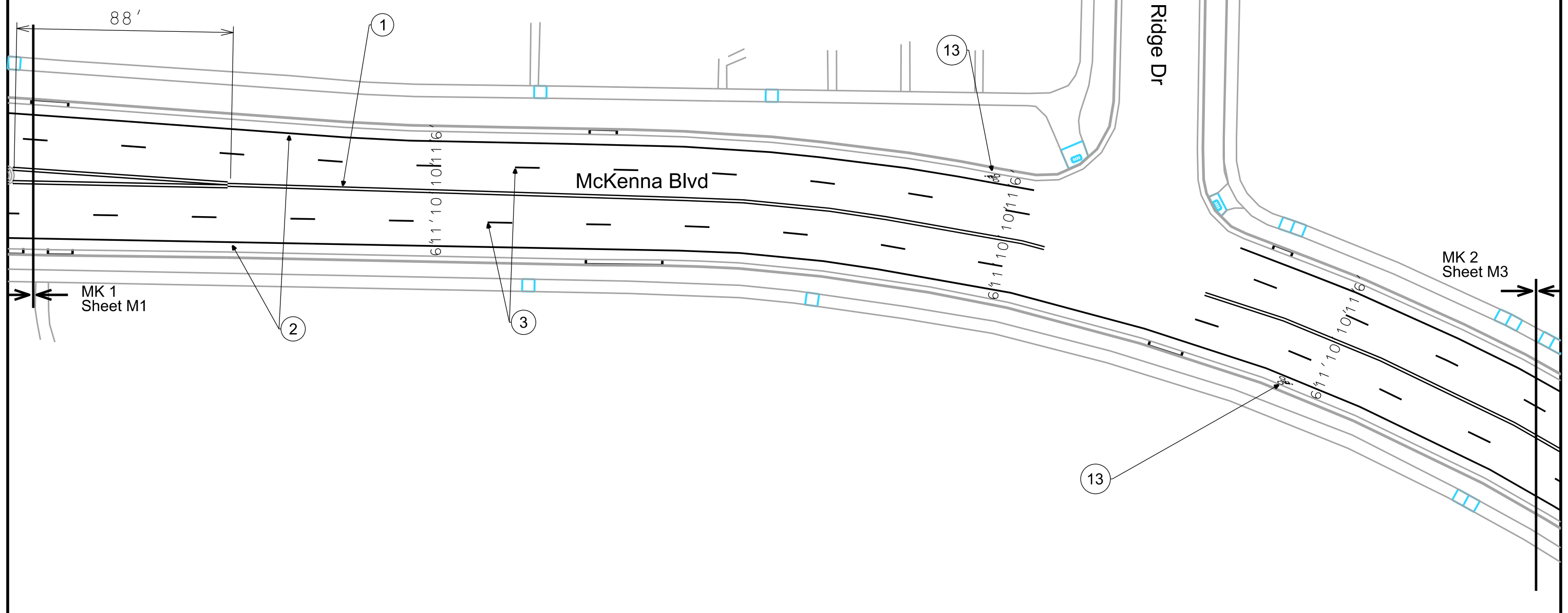
- 1 PAVEMENT MARKING EPOXY, DOUBLE LINE, 4-INCH
- 2 PAVEMENT MARKING EPOXY, LINE, 6-INCH
- 3 PAVEMENT MARKING EPOXY, LINE, 6-INCH (10' LINE, 30' GAP)
- 4 PAVEMENT MARKING EPOXY, LINE, 8-INCH
- 5 PAVEMENT MARKING EPOXY, RADIUS LINE, 6-INCH (5' LINE, 5' GAP)
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- 12 PAVEMENT MARKING EPOXY, MEDIAN NOSE
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- 14 PAVEMENT MARKING EPOXY, SYMBOL, LEFT ARROW
- 15 PAVEMENT MARKING EPOXY, WORD, ONLY

PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.

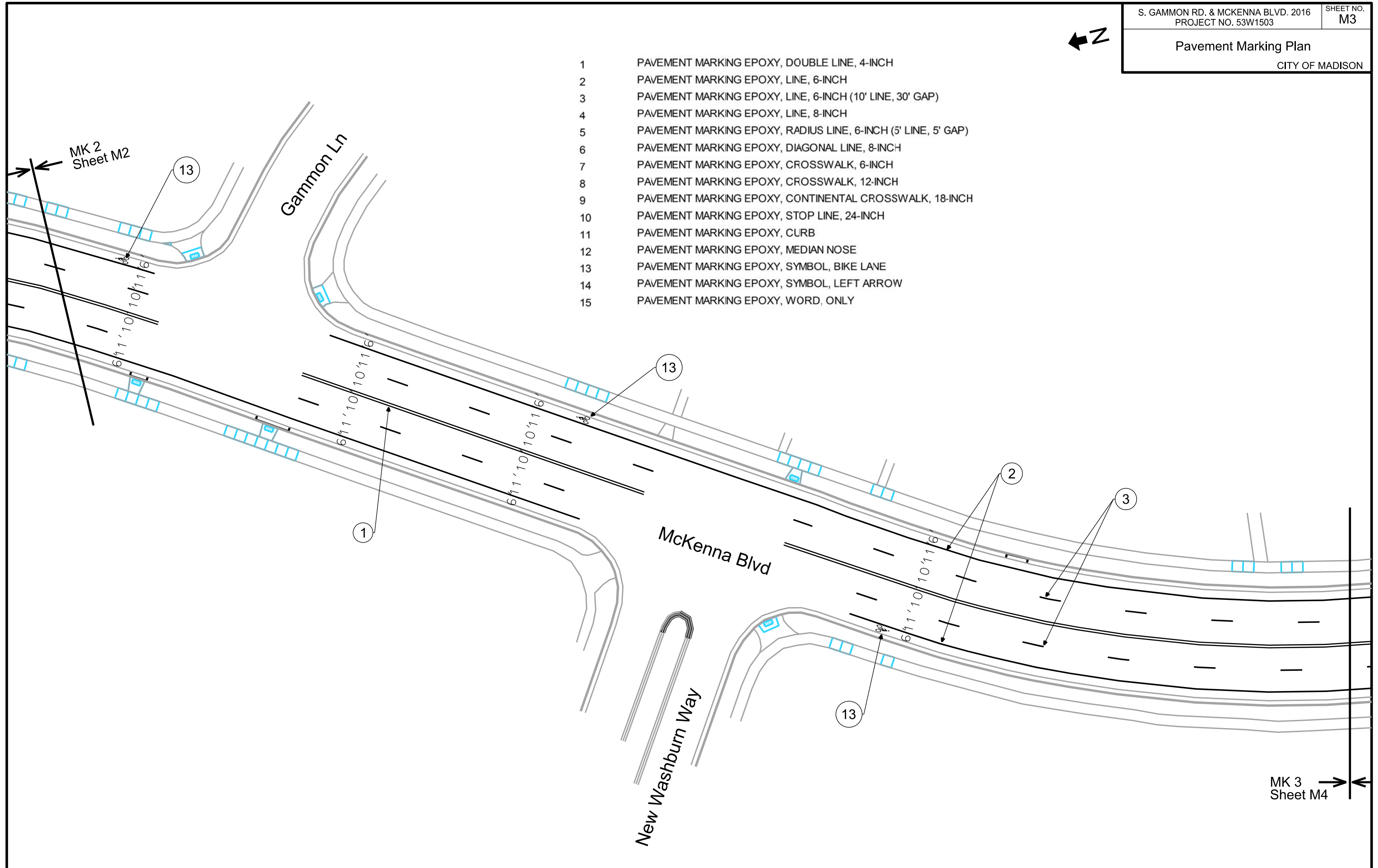


Pavement Marking Plan

CITY OF MADISON



- 1 PAVEMENT MARKING EPOXY, DOUBLE LINE, 4-INCH
- 2 PAVEMENT MARKING EPOXY, LINE, 6-INCH
- 3 PAVEMENT MARKING EPOXY, LINE, 6-INCH (10' LINE, 30' GAP)
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- 5 PAVEMENT MARKING EPOXY, RADIUS LINE, 6-INCH (5' LINE, 5' GAP)
- 6 PAVEMENT MARKING EPOXY, DIAGONAL LINE, 8-INCH
- 7 PAVEMENT MARKING EPOXY, CROSSWALK, 6-INCH
- 8 PAVEMENT MARKING EPOXY, CROSSWALK, 12-INCH
- 9 PAVEMENT MARKING EPOXY, CONTINENTAL CROSSWALK, 18-INCH
- 10 PAVEMENT MARKING EPOXY, STOP LINE, 24-INCH
- 11 PAVEMENT MARKING EPOXY, CURB
- 12 PAVEMENT MARKING EPOXY, MEDIAN NOSE
- 13 PAVEMENT MARKING EPOXY, SYMBOL, BIKE LANE
- 14 PAVEMENT MARKING EPOXY, SYMBOL, LEFT ARROW
- 15 PAVEMENT MARKING EPOXY, WORD, ONLY



PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.

MK 2
Sheet M2

MK 3
Sheet M4

Pavement Marking Plan
 CITY OF MADISON



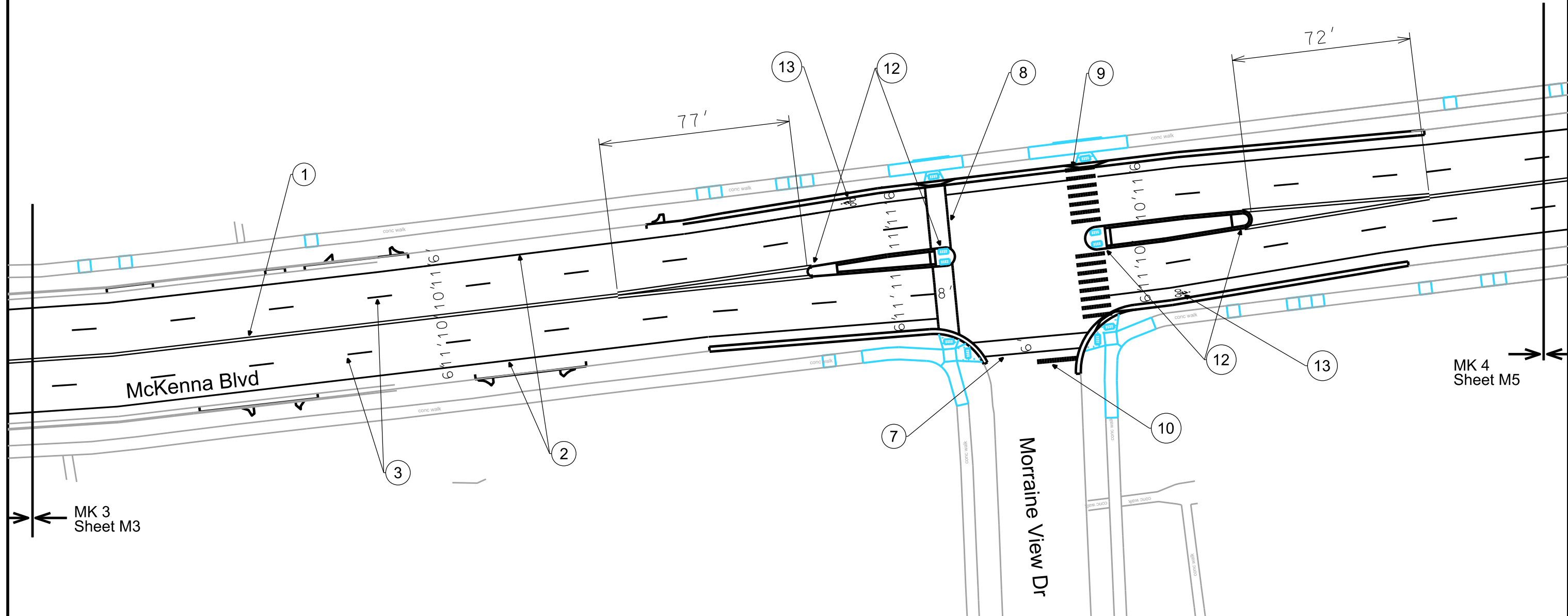
- 1 PAVEMENT MARKING EPOXY, DOUBLE LINE, 4-INCH
- 2 PAVEMENT MARKING EPOXY, LINE, 6-INCH
- 3 PAVEMENT MARKING EPOXY, LINE, 6-INCH (10' LINE, 30' GAP)
- 4 PAVEMENT MARKING EPOXY, LINE, 8-INCH
- 5 PAVEMENT MARKING EPOXY, RADIUS LINE, 6-INCH (5' LINE, 5' GAP)
- 6 PAVEMENT MARKING EPOXY, DIAGONAL LINE, 8-INCH
- 7 PAVEMENT MARKING EPOXY, CROSSWALK, 6-INCH
- 8 PAVEMENT MARKING EPOXY, CROSSWALK, 12-INCH
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- 10 PAVEMENT MARKING EPOXY, STOP LINE, 24-INCH
- 11 PAVEMENT MARKING EPOXY, CURB
- 12 PAVEMENT MARKING EPOXY, MEDIAN NOSE
- 13 PAVEMENT MARKING EPOXY, SYMBOL, BIKE LANE
- 14 PAVEMENT MARKING EPOXY, SYMBOL, LEFT ARROW
- 15 PAVEMENT MARKING EPOXY, WORD, ONLY

PLOT SCALE:

 PLOT NAME:

 REV. DATE:

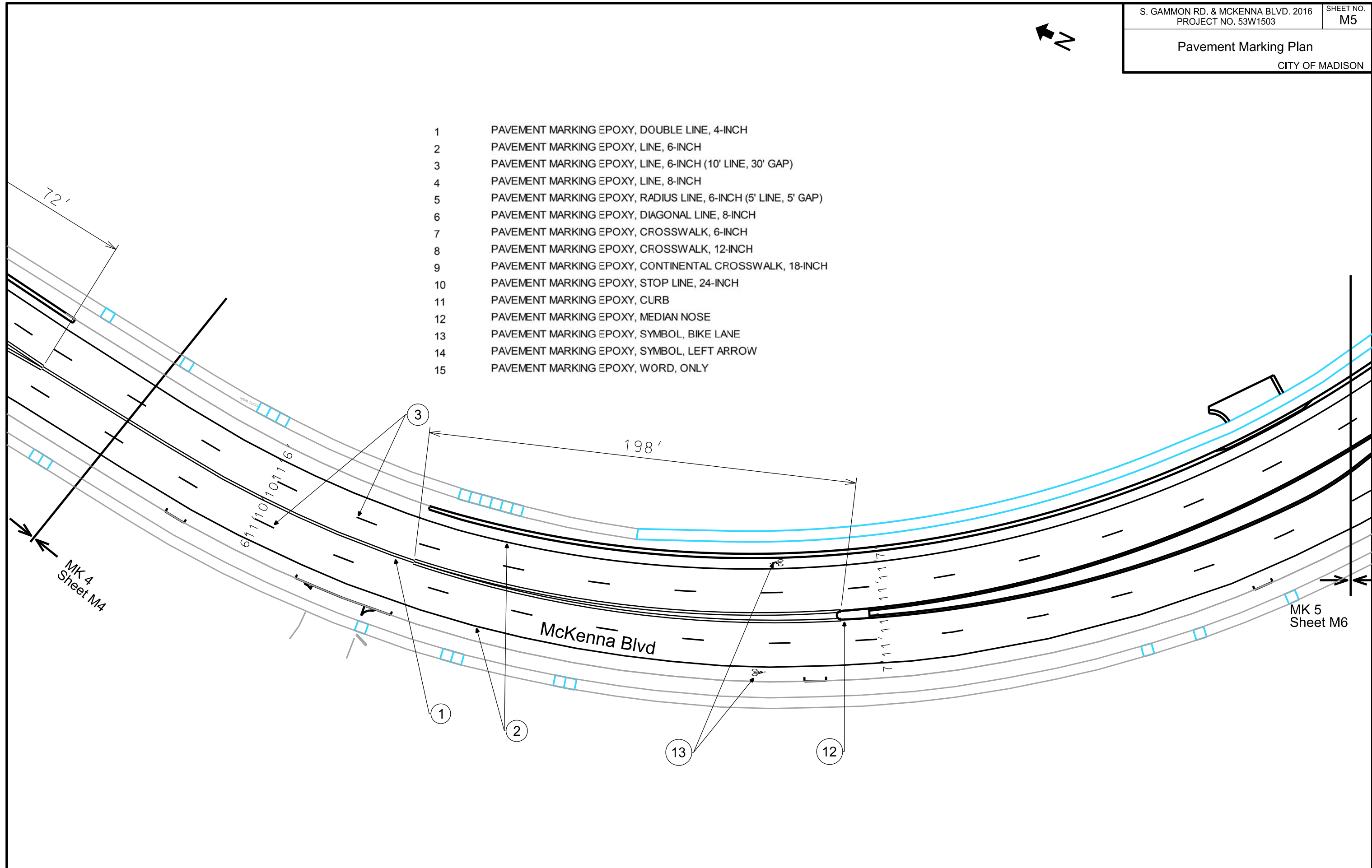
 ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.





- 1 PAVEMENT MARKING EPOXY, DOUBLE LINE, 4-INCH
- 2 PAVEMENT MARKING EPOXY, LINE, 6-INCH
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- 14 PAVEMENT MARKING EPOXY, SYMBOL, LEFT ARROW
- 15 PAVEMENT MARKING EPOXY, WORD, ONLY

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



72'

198'

6'
11'
10'
11'
16'

7'
11'
11'
11'
11'

MK 4
Sheet M4

MK 5
Sheet M6

McKenna Blvd

1

2

13

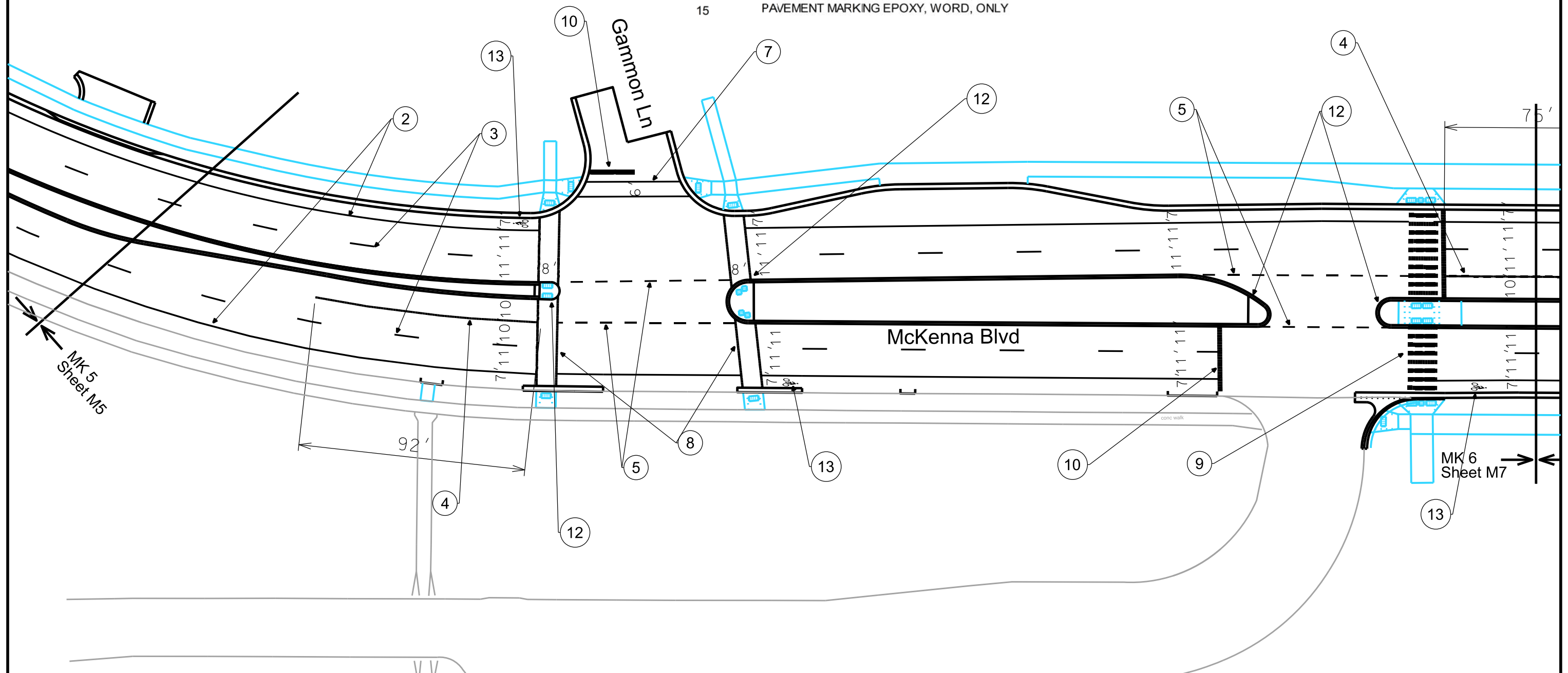
12

3

Pavement Marking Plan
CITY OF MADISON



- 1 PAVEMENT MARKING EPOXY, DOUBLE LINE, 4-INCH
- 2 PAVEMENT MARKING EPOXY, LINE, 6-INCH
- 3 PAVEMENT MARKING EPOXY, LINE, 6-INCH (10' LINE, 30' GAP)
- 4 PAVEMENT MARKING EPOXY, LINE, 8-INCH
- 5 PAVEMENT MARKING EPOXY, RADIUS LINE, 6-INCH (5' LINE, 5' GAP)
- 6 PAVEMENT MARKING EPOXY, DIAGONAL LINE, 8-INCH
- 7 PAVEMENT MARKING EPOXY, CROSSWALK, 6-INCH
- 8 PAVEMENT MARKING EPOXY, CROSSWALK, 12-INCH
- 9 PAVEMENT MARKING EPOXY, CONTINENTAL CROSSWALK, 18-INCH
- 10 PAVEMENT MARKING EPOXY, STOP LINE, 24-INCH
- 11 PAVEMENT MARKING EPOXY, CURB
- 12 PAVEMENT MARKING EPOXY, MEDIAN NOSE
- 13 PAVEMENT MARKING EPOXY, SYMBOL, BIKE LANE
- 14 PAVEMENT MARKING EPOXY, SYMBOL, LEFT ARROW
- 15 PAVEMENT MARKING EPOXY, WORD, ONLY



PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.

Pavement Marking Plan
CITY OF MADISON



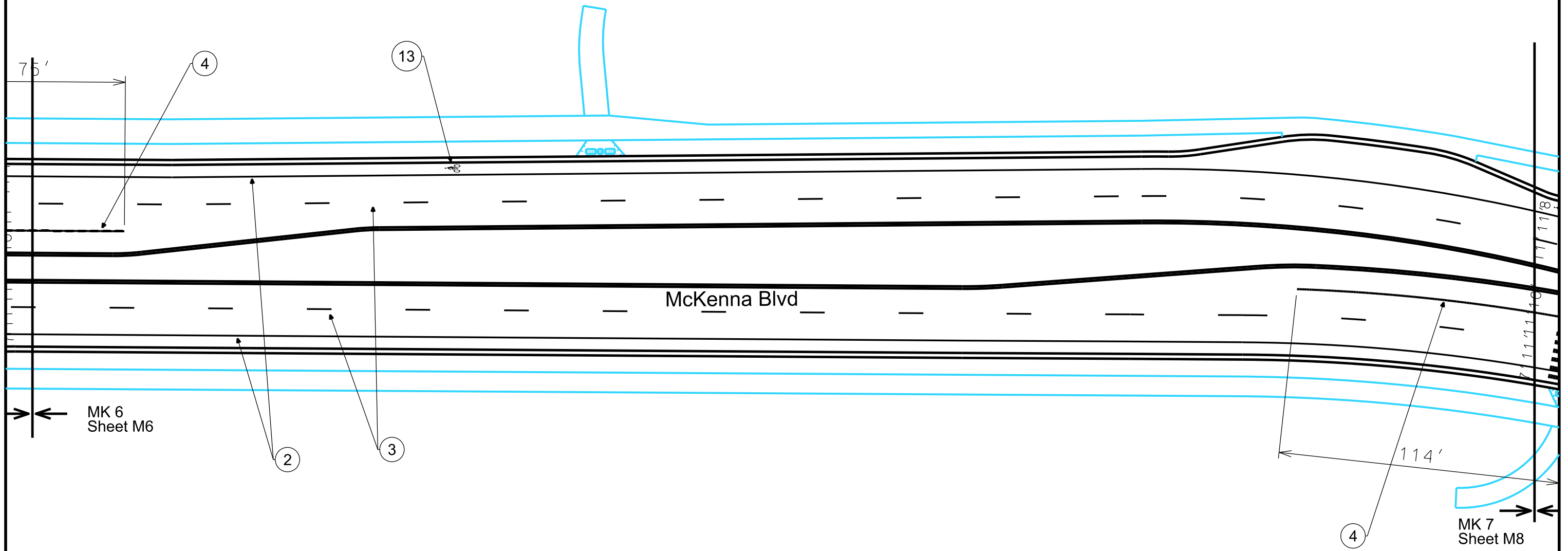
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PLOT SCALE:

PLOT NAME:

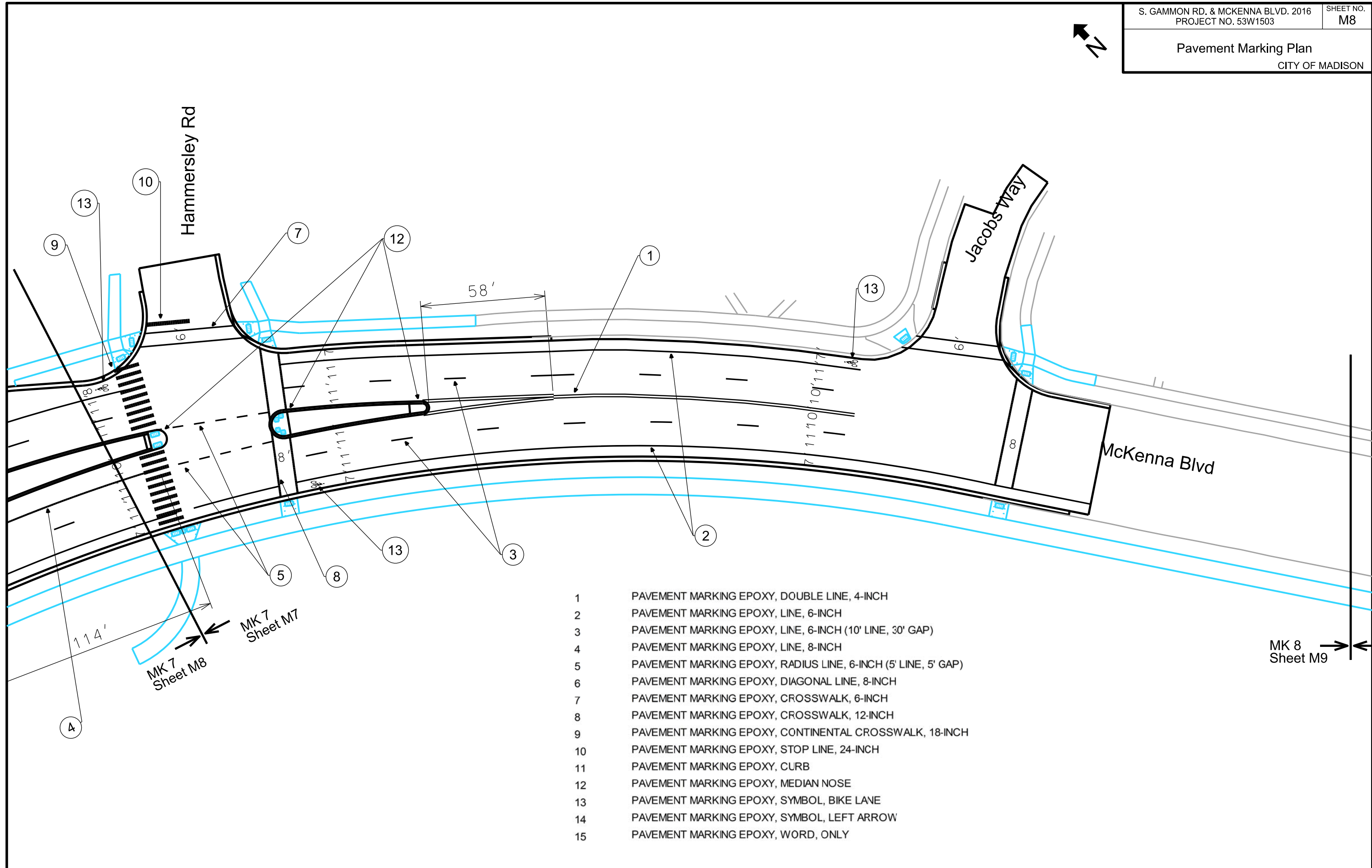
REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.





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



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Pavement Marking Plan
CITY OF MADISON



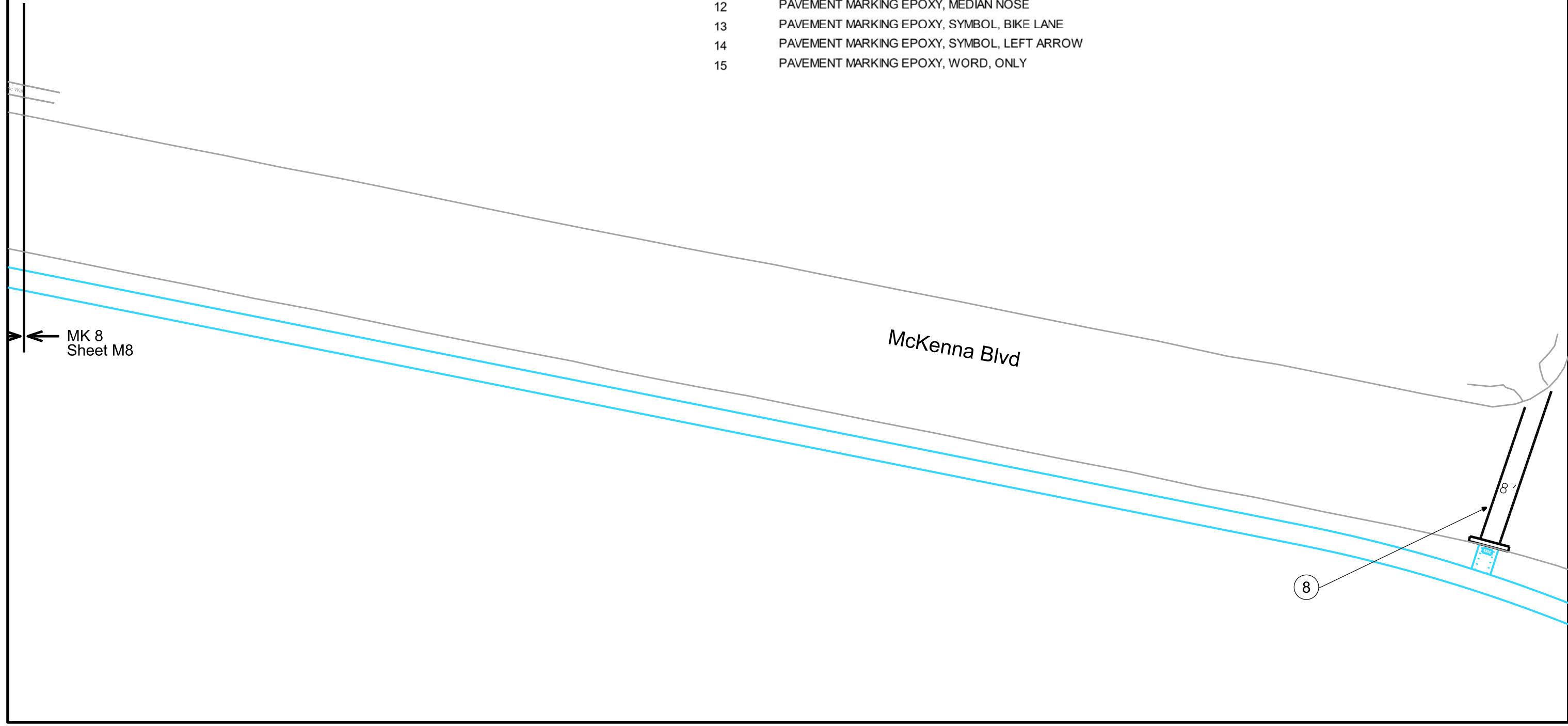
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PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.



0708-351-0108-4
MCKENNA HGTS CDM ASSC INC
% DAVID LEEDER
1049 McKenna Blvd

0708-351-0107-6
TIMBERLINE CONDO OWNERS
ASSOC % BARBARA WARD
1103 McKenna Blvd

0708-351-0106-8
WESTRIDGE CONDO ASSN
ATTN COREY USELMAN
1107 McKenna Blvd

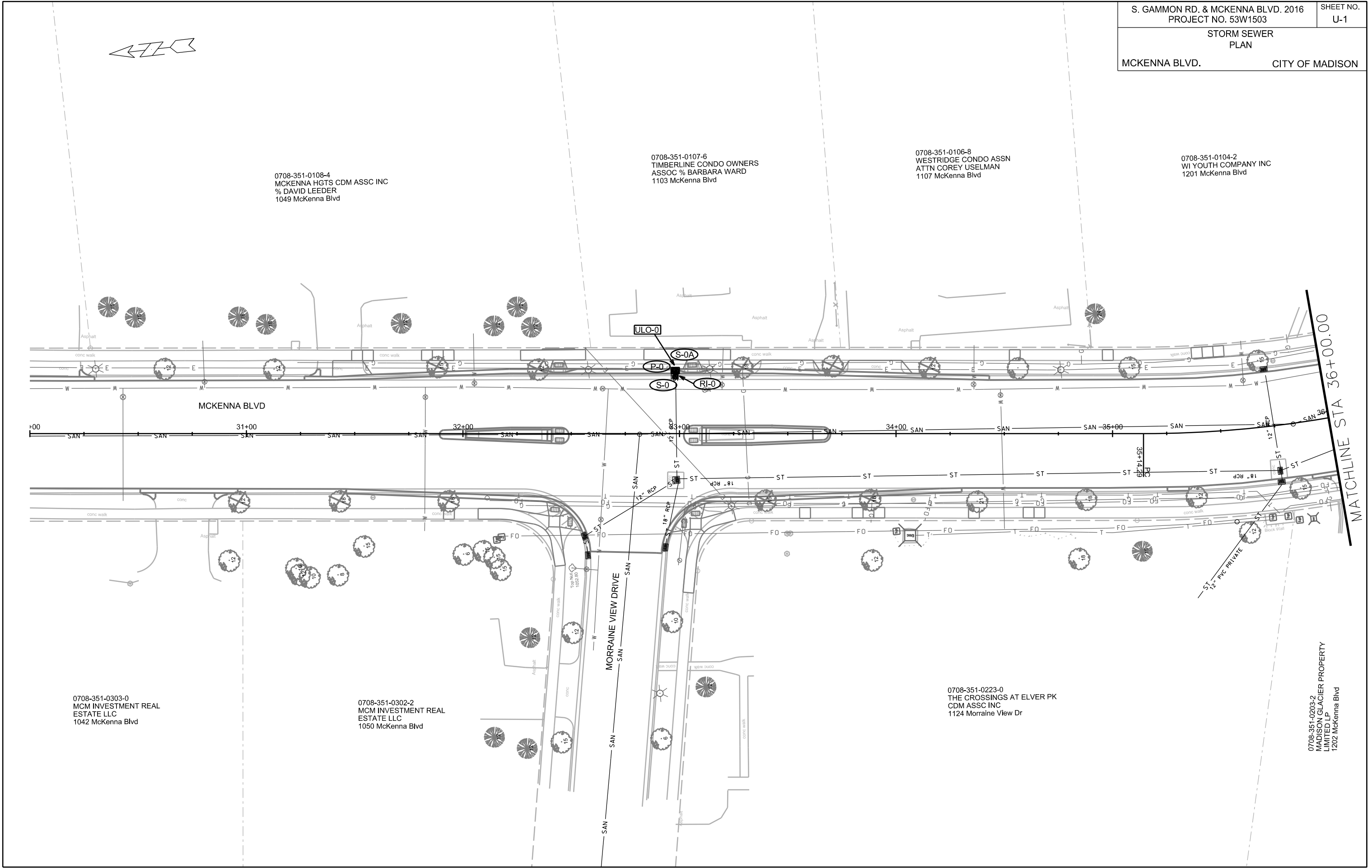
0708-351-0104-2
WI YOUTH COMPANY INC
1201 McKenna Blvd

0708-351-0303-0
MCM INVESTMENT REAL
ESTATE LLC
1042 McKenna Blvd

0708-351-0302-2
MCM INVESTMENT REAL
ESTATE LLC
1050 McKenna Blvd

0708-351-0223-0
THE CROSSINGS AT ELVER PK
CDM ASSC INC
1124 Morraine View Dr

0708-351-0203-2
MADISON GLACIER PROPERTY
LIMITED LP
1202 McKenna Blvd

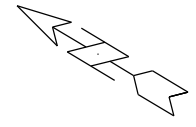


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PLOT NAME: _____

REV. DATE: _____

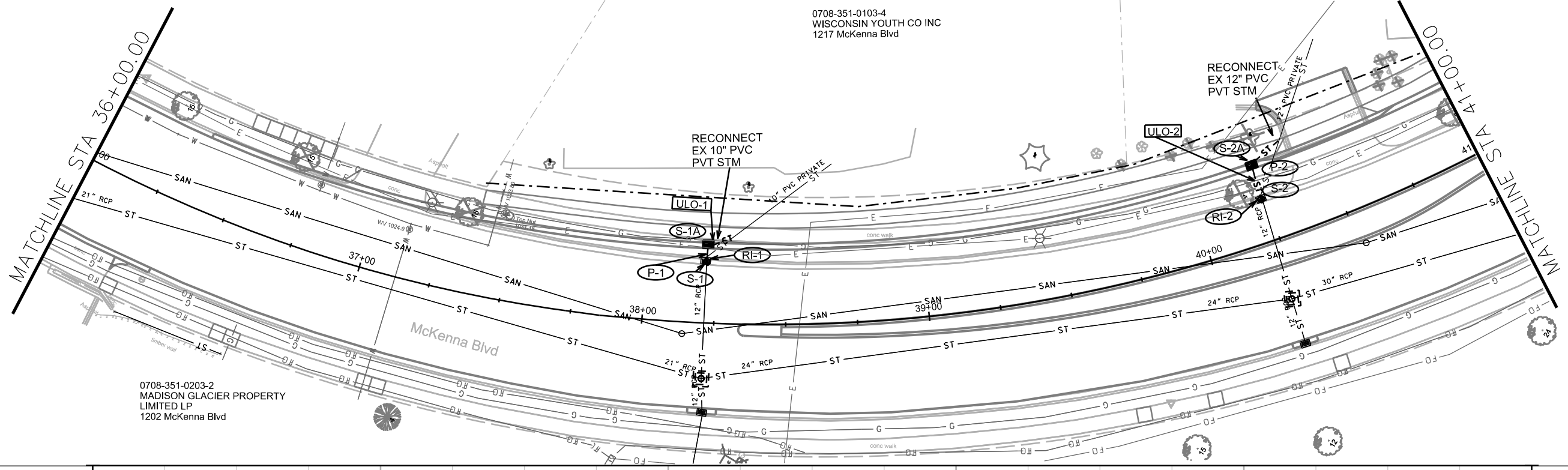
ORIGINATOR: CITY OF MADISON, STREETS DIVISION



0708-351-0104-2
 WI YOUTH COMPANY INC
 1201 McKenna Blvd

0708-351-0103-4
 WISCONSIN YOUTH CO INC
 1217 McKenna Blvd

0708-351-0101-8
 CITY OF MADISON EDD
 MCKENNA BLVD NGHBRHD CTR
 1233 McKenna Blvd

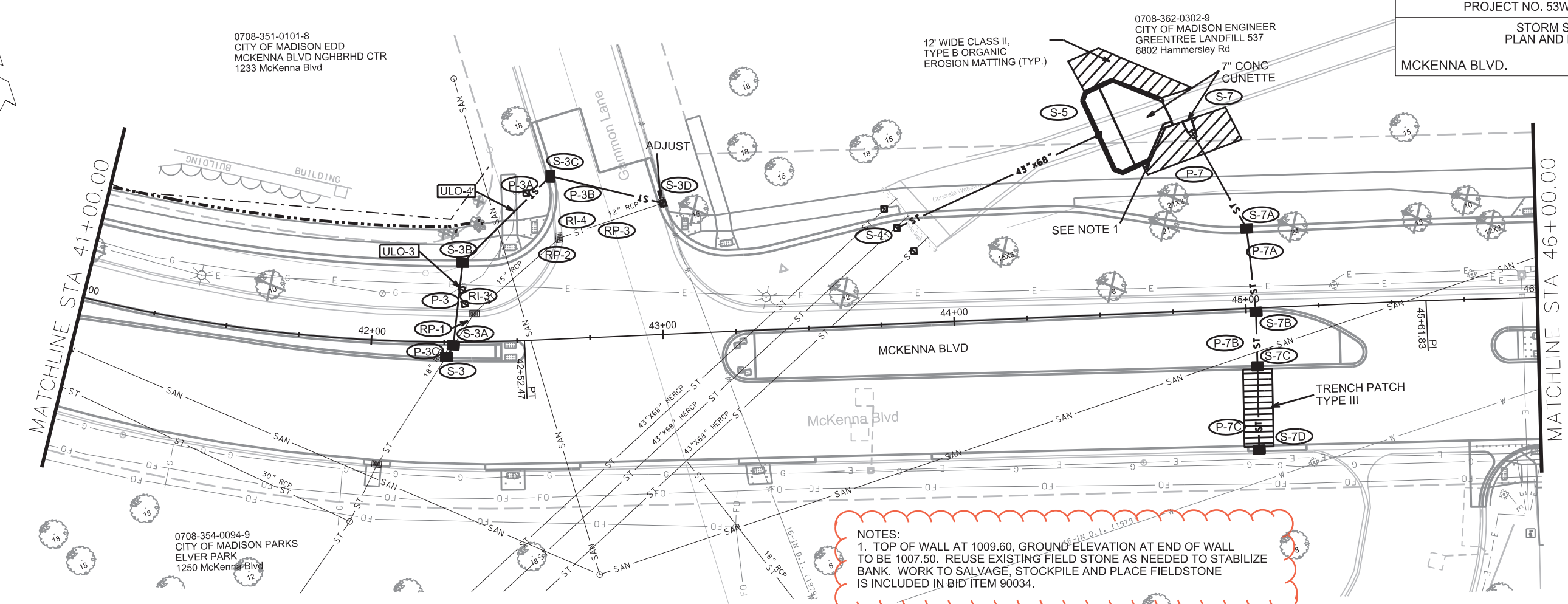


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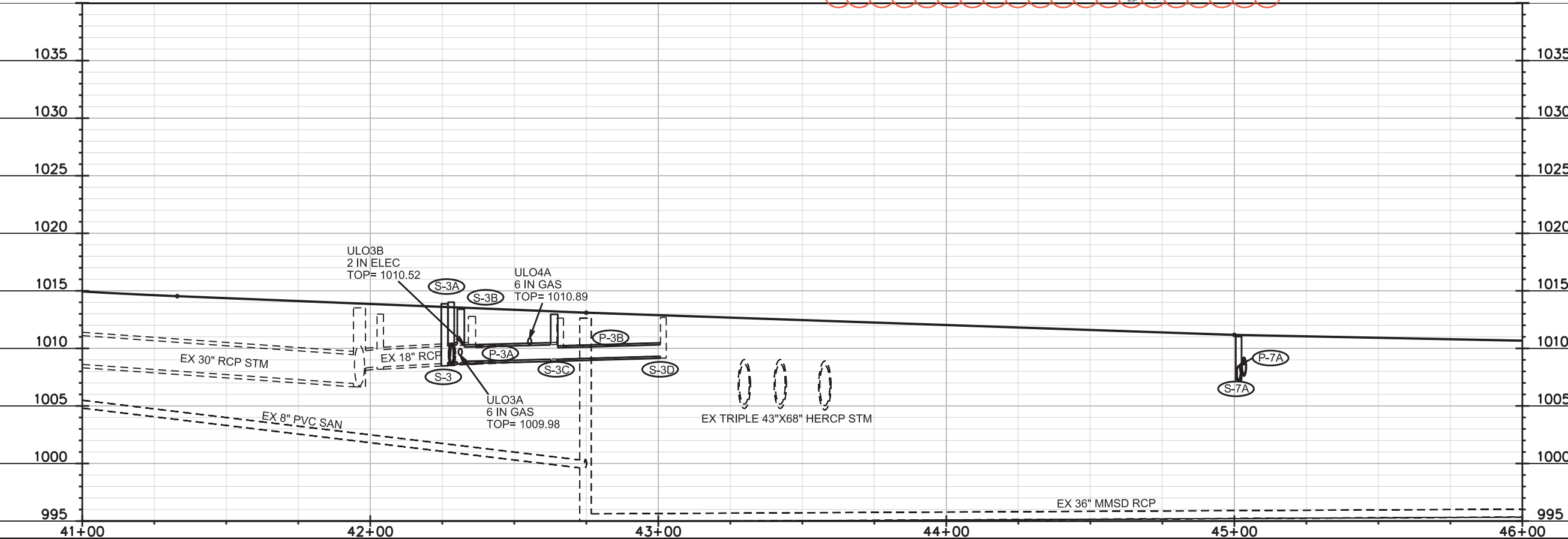
PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



NOTES:
1. TOP OF WALL AT 1009.60, GROUND ELEVATION AT END OF WALL TO BE 1007.50. REUSE EXISTING FIELD STONE AS NEEDED TO STABILIZE BANK. WORK TO SALVAGE, STOCKPILE AND PLACE FIELDSTONE IS INCLUDED IN BID ITEM 90034.



PLOT SCALE: _____

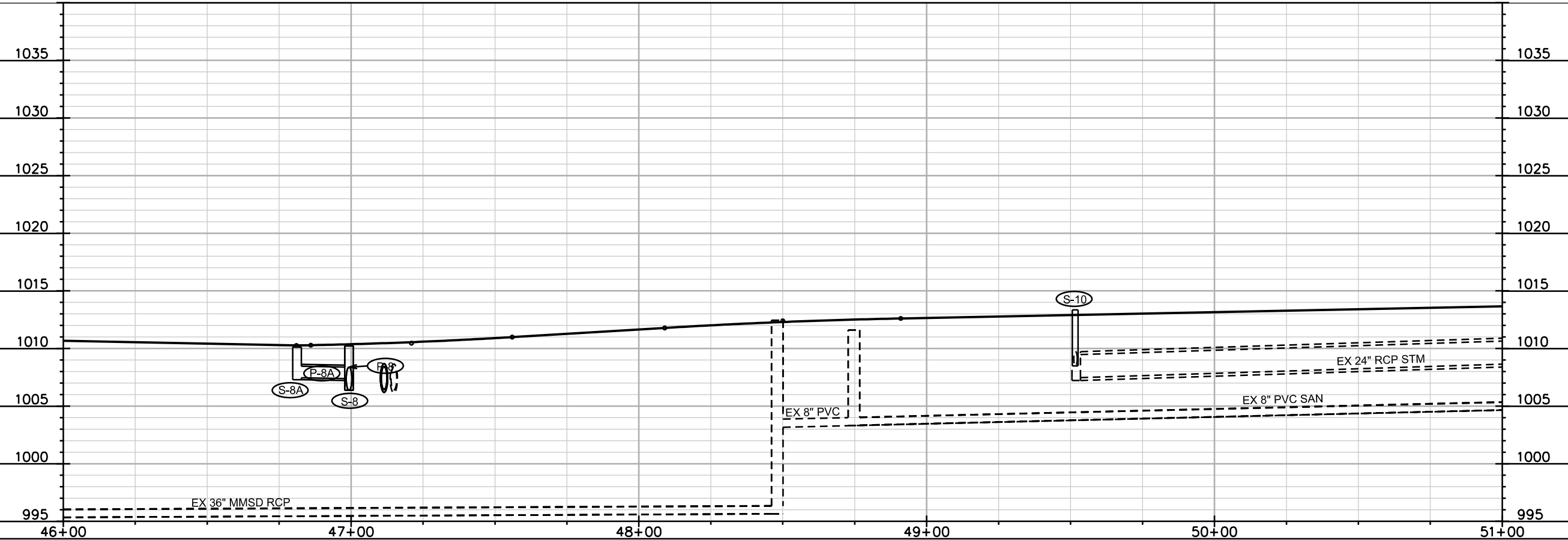
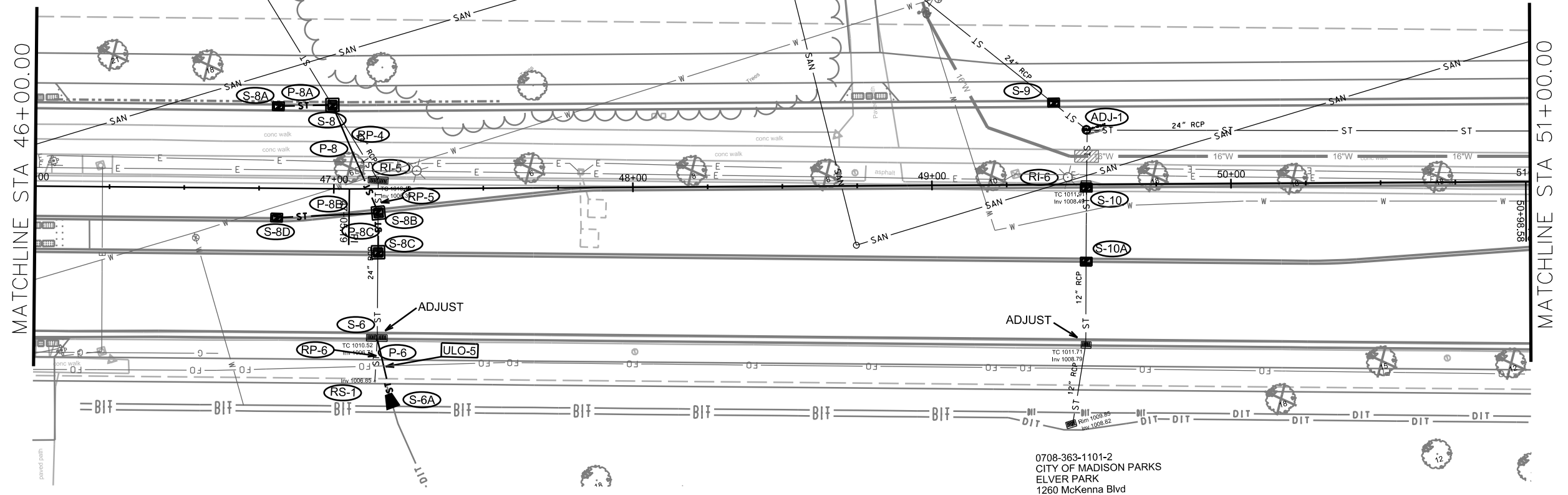
PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

0708-362-0302-9
 CITY OF MADISON ENGINEER
 GREENTREE LANDFILL 537
 6802 Hammersley Rd

0708-363-1101-2
 CITY OF MADISON PARKS
 ELVER PARK
 1260 McKenna Blvd



PLOT SCALE: _____

PLOT NAME: _____

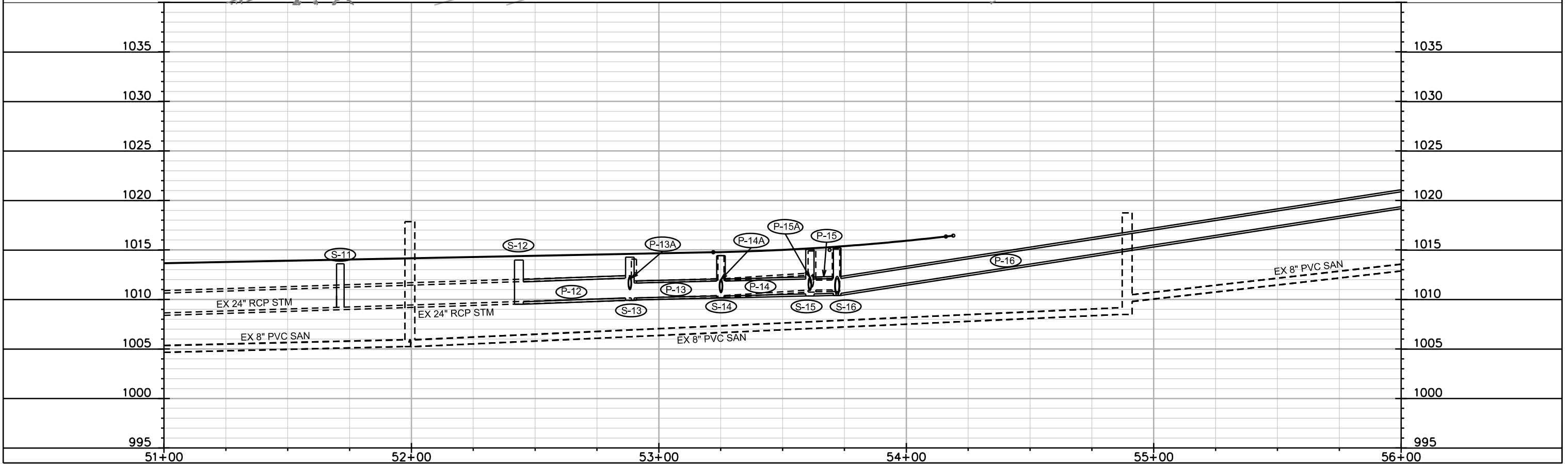
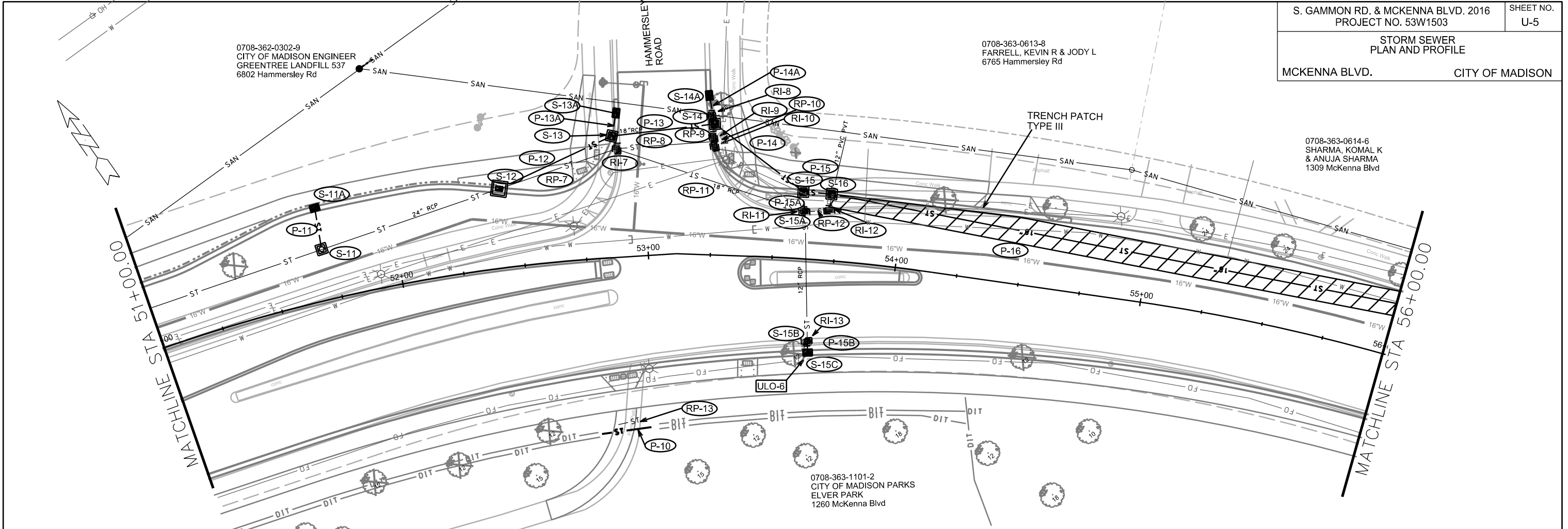
REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

0708-362-0302-9
CITY OF MADISON ENGINEER
GREENTREE LANDFILL 537
6802 Hammersley Rd

0708-363-0613-8
FARRELL, KEVIN R & JODY L
6765 Hammersley Rd

0708-363-0614-6
SHARMA, KOMAL K
& ANUJA SHARMA
1309 McKenna Blvd



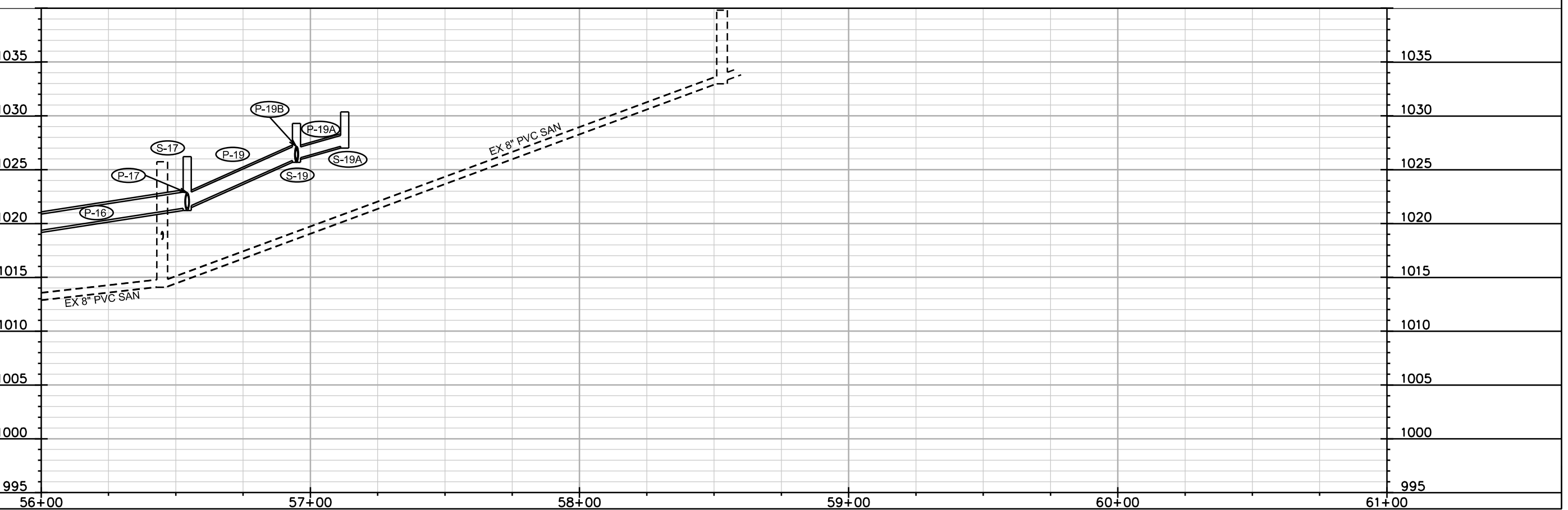
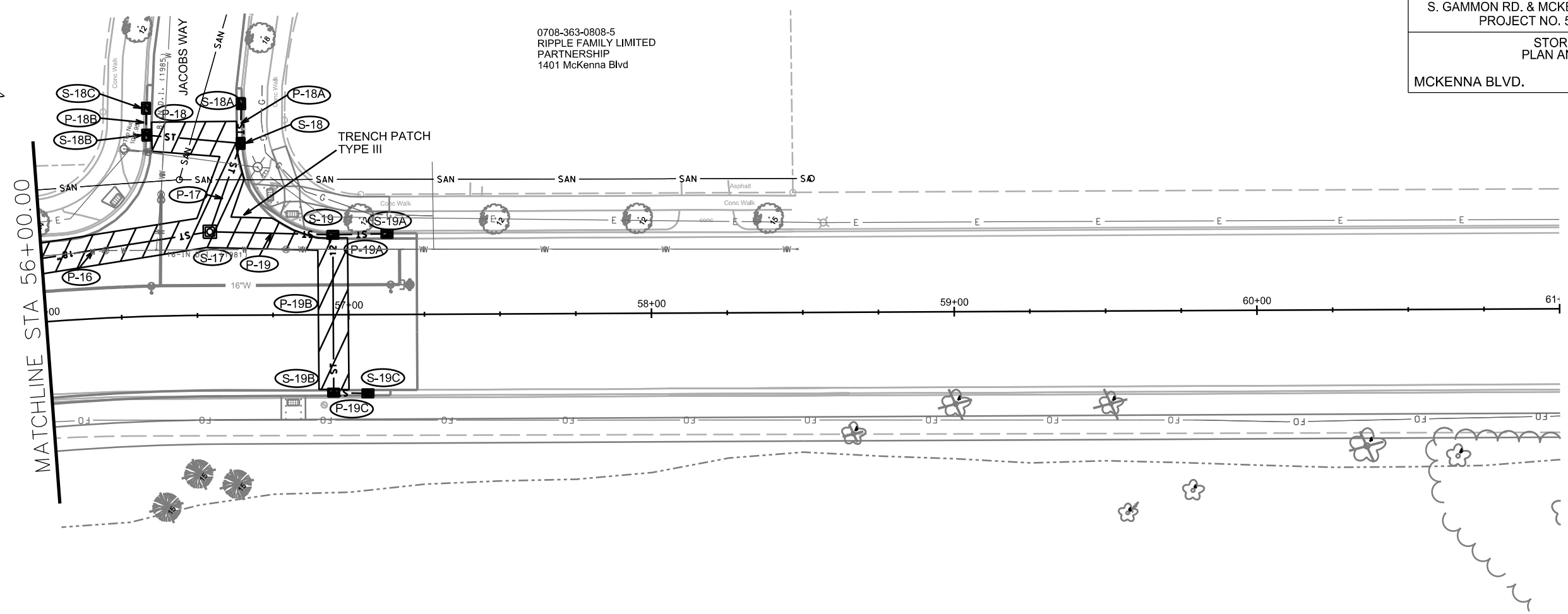
PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

0708-363-0808-5
 RIPPLE FAMILY LIMITED
 PARTNERSHIP
 1401 McKenna Blvd



PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

STORM SEWER SCHEDULE

*REV. 1/19/2016 KDF

S. GAMMON RD. & MCKENNA BLVD. 2016		SHEET NO.
PROJECT NO. 53W1503		U-7
STORM SEWER SCHEDULE		
MCKENNA BLVD.	CITY OF MADISON	

STRUCTURES

STRUC. NO.	STATION	LOCATION (OFFSET)	TYPE	TOP OF CASTING	E.I.	DEPTH	NOTES
S-0	32+98.54	LT-25.67	CONCRETE COLLAR	-	1045.95	-	-
S-0A	32+97.80	LT-29.20	H INLET	1049.13	1045.98	3.15	W/ R-3067-7004-V
S-1	38+21.64	LT-21.43	CONCRETE COLLAR	-	1020.81	-	-
S-1A	38+21.97	LT-27.50	H INLET	1023.98	1020.87	3.11	W/ R-3067-7004-V; (1)
S-2	40+23.48	LT-15.04	CONCRETE COLLAR	-	1012.45	-	-
S-2A	40+24.06	LT-27.50	H INLET	1016.33	1012.81	3.52	W/ R-3067-7004-V; (1)
S-3	42+25.22	RT-5.28	H INLET	1013.87	1008.69	5.18	W/ R-3067-7004-V
S-3A	42+28.06	RT-1.14	H INLET	1014.01	1008.73	5.28	W/ R-3067-7004-V
S-3B	42+31.50	LT-27.50	H INLET	1013.40	1008.87	4.53	FP; W/ R-3067-7004-V
S-3C	42+62.99	LT-56.10	H INLET	1012.96	1009.05	3.91	FP; LP; W/ R-3067-7004-VB
S-3D	43+02.61	LT-44.55	STM TAP	-	1009.32	-	TAP EX IN 2764-002
S-4	43+81.68	LT-32.91	43"X68" STORM CONNECTION	-	1005.31	-	(3)
S-5	44+51.93	LT-61.55	HEADWALL W/ RAILING	-	1005.52	-	SEE DETAIL W/ GATE
S-6	47+14.24	RT-57.16	STM TAP	-	1006.71	-	TAP EX IN 2765-012
S-6A	47+19.37	RT-73.00	24" RCP APRON END	-	1008.35	-	W/ GATE
S-7	44+91.07	LT-38.33	15" RCP APRON END	-	1006.56	-	W/ GATE
S-7A	45+00.00	LT-27.50	H INLET	1011.03	1007.23	3.80	
S-7B	45+03.42	RT-0.50	H INLET	1011.59	1007.79	3.80	LP; W/ R-3067-7004-VB
S-7C	45+03.42	RT-21.00	H INLET	1012.36	1008.56	3.80	W/ R-3067-7004-V
S-7D	45+03.42	RT-49.00	H INLET	1011.42	1008.71	2.71	FP; W/ R-3067-7004-V
S-8	47+00.00	LT-27.50	3X3 SAS	1010.23	1006.38	3.85	W/ R-3067-7004-V
S-8A	46+81.00	LT-27.50	H INLET	1010.12	1007.47	2.65	FP; LP; W/ R-3067-7004-VB
S-8B	47+14.60	RT-7.59	3X3 SAS	1011.16	1006.45	4.71	W/ R-3067-7004-V
S-8C	47+14.60	RT-20.65	3X3 SAS	1011.42	1006.51	4.91	LP; W/ R-3067-7004-VB
S-8D	46+81.37	RT-10.50	H INLET	1010.90	1007.75	3.15	LP; W/ R-3067-7004-VB
S-9	49+40.85	LT-27.50	SADDLED H INLET	1012.72	1007.42	5.30	FP; W/ R-3067-7004-V
S-10	49+51.43	CL	H INLET	1013.35	1008.49	4.86	W/ R-3067-7004-V; (2)
S-10A	49+51.43	RT-26.45	H INLET	1012.55	1008.76	3.79	W/ R-3067-7004-V
S-11	51+71.28	LT-20.41	3X3 SAS	1013.60	1009.18	4.42	W/ R-1550; (2)
S-11A	51+71.67	LT-37.50	H INLET	1013.35	1010.27	3.08	LP; W/ R-3067-7004-VB
S-12	52+43.44	LT-31.87	6X6 SAS	1013.98	1009.77	4.21	FP; W/ R-3067-7004-V
S-13	52+88.28	LT-49.44	4X4 SAS	1014.27	1010.15	4.12	FP; W/ R-3067-7004-V
S-13A	52+89.93	LT-58.41	H INLET	1014.32	1011.19	3.13	W/ R-3067-7004-V
S-14	53+24.53	LT-49.70	4X4 SAS	1014.42	1010.35	4.07	FP; LP; W/ R-3067-7004-VB
S-14A	53+22.99	LT-63.46	H INLET	1014.49	1010.90	3.59	W/ R-3067-7004-V
S-15	53+61.00	LT-27.50	3X3 SAS	1015.04	1010.56	4.48	FP; W/ R-3067-7004-V
S-15A	53+61.54	LT-19.30	CONCRETE COLLAR	-	1011.45	-	-
S-15B	53+66.70	RT-33.00	CONCRETE COLLAR	-	1011.42	-	-
S-15C	53+67.20	RT-38.26	H INLET	1014.55	1011.45	3.10	W/ R-3067-7004-V
S-16	53+72.78	LT-27.50	3X3 SAS	1015.21	1010.61	4.60	W/ R-3067-7004-V; (1)
S-17	56+47.00	LT-26.54	3X3 SAS	1026.56	1021.41	5.15	W/ R-1550
S-18	56+65.15	LT-56.04	H INLET	1026.95	1022.58	4.37	FP; W/ R-3067-7004-V
S-18A	56+65.01	LT-69.47	H INLET	1026.72	1023.32	3.40	LP; W/ R-3067-7004-VB
S-18B	56+34.14	LT-60.10	H INLET	1025.31	1022.74	2.57	FP; W/ R-3067-7004-V
S-18C	56+34.63	LT-68.70	H INLET	1025.36	1022.78	2.58	FP; W/ R-3067-7004-V
S-19	56+95.12	LT-26.34	H INLET	1029.29	1025.86	3.43	FP; W/ R-3067-7004-V
S-19A	57+12.84	LT-26.32	H INLET	1030.36	1027.16	3.20	W/ R-3067-7004-V
S-19B	56+94.98	RT-26.50	H INLET	1029.32	1026.12	3.20	W/ R-3067-7004-V
S-19C	57+06.34	RT-26.50	H INLET	1030.02	1026.82	3.20	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-0	S-0	S-0A	3	2	1045.95	1045.98	1.56%	12"	RCP	-
P-1	S-1	S-1A	6	5	1020.81	1020.87	1.18%	12"	RCP	-
P-2	S-2	S-2A	12	11	1012.45	1012.81	3.21%	12"	RCP	-
P-3	S-3A	S-3B	29	27	1008.73	1008.87	0.53%	18"	RCP	-
P-3A	S-3B	S-3C	39	36	1008.87	1009.05	0.51%	15"	RCP	NCM
P-3B	S-3C	S-3D	37	36	1009.05	1009.32	0.74%	12"	RCP	NCM
P-3C	S-3	S-3A	5	2	1008.69	1008.73	1.71%	18"	RCP	-
* P-4	S-4	S-5	231	77	1005.31	1005.52	0.27%	43"X68"	HERCP	(5)
P-6	S-6	S-6A	24	23	1006.71	1008.35	7.09%	24"	RCP	-
P-7	S-7	S-7A	38	37	1006.56	1007.23	1.80%	15"	RCP	-
P-7A	S-7A	S-7B	29	27	1007.23	1007.79	2.09%	15"	RCP	-
P-7B	S-7B	S-7C	19	17	1007.79	1008.56	4.62%	15"	RCP	-
P-7C	S-7C	S-7D	29	27	1008.56	1008.71	0.56%	15"	RCP	-
P-8	S-8	S-8B	39	36	1006.38	1006.45	0.19%	24"	RCP	-
P-8A	S-8	S-8A	18	15	1007.38	1007.47	0.60%	12"	RCP	-
P-8B	S-8B	S-8D	34	31	1007.45	1007.75	0.97%	12"	RCP	-
P-8C	S-8B	S-8C	13	10	1006.45	1006.51	0.59%	24"	RCP	-
P-10	-	-	20	20	1012.00	1012.26	1.30%	12"	STORM	(4)
P-11	S-11	S-11A	17	14	1010.18	1010.27	0.63%	12"	RCP	NCM
P-12	S-12	S-13	45	42	1009.77	1010.15	0.82%	24"	RCP	-
P-13	S-13	S-14	42	39	1010.15	1010.35	0.51%	18"	RCP	NCM
P-13A	S-13	S-13A	9	6	1011.15	1011.19	0.62%	12"	RCP	-
P-14	S-14	S-15	45	41	1010.35	1010.56	0.51%	18"	RCP	-
P-14A	S-14	S-14A	12	9	1010.85	1010.90	0.57%	12"	RCP	-
P-15	S-15	S-16	11	8	1010.56	1010.61	0.59%	18"	RCP	-
P-15A	S-15	S-15A	8	6	1011.06	1011.45	6.21%	12"	RCP	-
P-15B	S-15B	S-15C	5	4	1011.42	1011.45	0.83%	12"	RCP	-
P-16	S-16	S-17	289	286	1010.61	1021.41	3.78%	18"	RCP	-
P-17	S-17	S-18	31	28	1021.41	1022.58	4.22%	15"	RCP	NCM
P-18	S-18	S-18B	31	29	1022.58	1022.74	0.55%	12"	RCP	-
P-18A	S-18	S-18A	13	10	1022.58	1023.32	7.28%	12"	RCP	-
P-18B	S-18B	S-18C	9	6	1022.74	1022.78	0.68%	12"	RCP	-
P-19	S-17	S-19	41	38	1021.66	1025.86	11.16%	15"	RCP	-
P-19A	S-19	S-19A	18	15	1026.11	1027.16	8.74%	12"	RCP	-
P-19B	S-19	S-19B	52	50	1025.86	1026.12	0.52%	12"	RCP	NCM
P-19C	S-19B	S-19C	11	8	1026.12	1026.82	8.41%	12"	RCP	-

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) RECONNECT EXISTING PRIVATE PIPE
- (2) RECONNECT EXISTING PIPES
- (3) BID ITEM 90034; GATE PAID SEPARATELY
- (4) PIPE ENDS SHALL BE ENDWALLS OR CUT WITH ANGLES (INCLUDED IN PIPE PAYMENT)
- * (5) PIPE IS A TRIPLE RUN OF 43"X68" HERCP. PLAN LENGTH REPRESENTS TOTAL OF ALL THREE PIPES. PIPE LENGTH IS FOR A SINGLE SECTION.

STORM SEWER SCHEDULE

STORM STRUCTURE REMOVALS

STRUC. NO.	ID NO.	STATION	LOCATION (OFFSET)	TYPE	NOTES
RS-1	AE 2765-003	47+13.34	RT-64.00	24" APRON END	PAID AS PIPE REMOVAL
RI-0	IN 2663-013	32+98.54	LT-25.67	H INLET	-
RI-1	IN 2664-006	38+21.64	LT-21.43	H INLET	-
RI-2	IN 2664-009	40+23.48	LT-15.04	H INLET	-
RI-3	IN 2664-012	42+35.40	LT-10.80	H INLET	-
RI-4	IN 2664-013	42+65.31	LT-35.00	H INLET	-
RI-5	IN 2764-010	47+14.87	LT-4.00	DOUBLE H INLET	PAID AS TWO REMOVE INLET
RI-6	IN 2765-013	49+51.43	CL	H INLET	-
RI-7	IN 2765-004	52+89.72	LT-43.94	H INLET	-
RI-8	IN 2765-005	53+23.87	LT-55.94	H INLET	-
RI-9	IN 2765-010	53+25.00	LT-47.80	H INLET	-
RI-10	IN 2765-009	53+25.86	LT-44.22	H INLET	-
RI-11	IN 2765-006	53+61.54	LT-19.30	H INLET	-
RI-12	IN 2765-008	53+71.25	LT-20.95	H INLET	-
RI-13	IN 2765-007	53+66.70	RT-33.00	H INLET	-

STORM PIPE REMOVALS

PIPE REMOVAL NO.	REMOVE FROM	REMOVE TO	LENGTH (FT)	PAID (Y/N)	SIZE	TYPE	NOTES
RP-1	S-3	RI-3	18	Y (PARTIAL)	18"	RCP	5' PAID
RP-2	RI-3	RI-4	36	Y	15"	RCP	-
RP-3	RI-4	S-3D	34	Y	12"	RCP	-
RP-4	RI-5	S-8	29	N	24"	RCP	-
RP-5	RI-5	S-8C	24	N	24"	RCP	-
RP-6	S-6	RS-1	14	N	24"	RCP	-
RP-7	S-12	RI-7	49	Y (PARTIAL)	24"	RCP	25' PAID
RP-8	RI-7	RI-10	39	Y	18"	RCP	-
RP-9	RI-8	RI-9	8	N	12"	RCP	-
RP-10	RI-9	RI-10	3	N	12"	RCP	-
RP-11	RI-7	RI-11	79	Y	18"	RCP	-
RP-12	RI-11	RI-12	10	Y	12"	RCP	-
RP-13	-	-	12	N	10"	CMP	-

ULO SCHEDULE

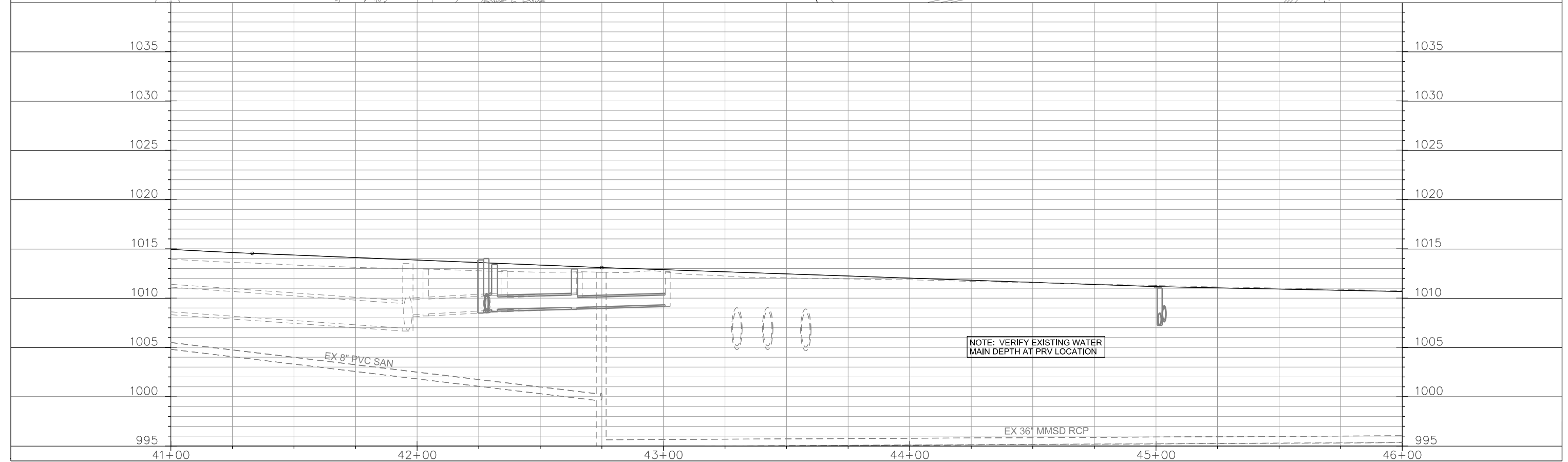
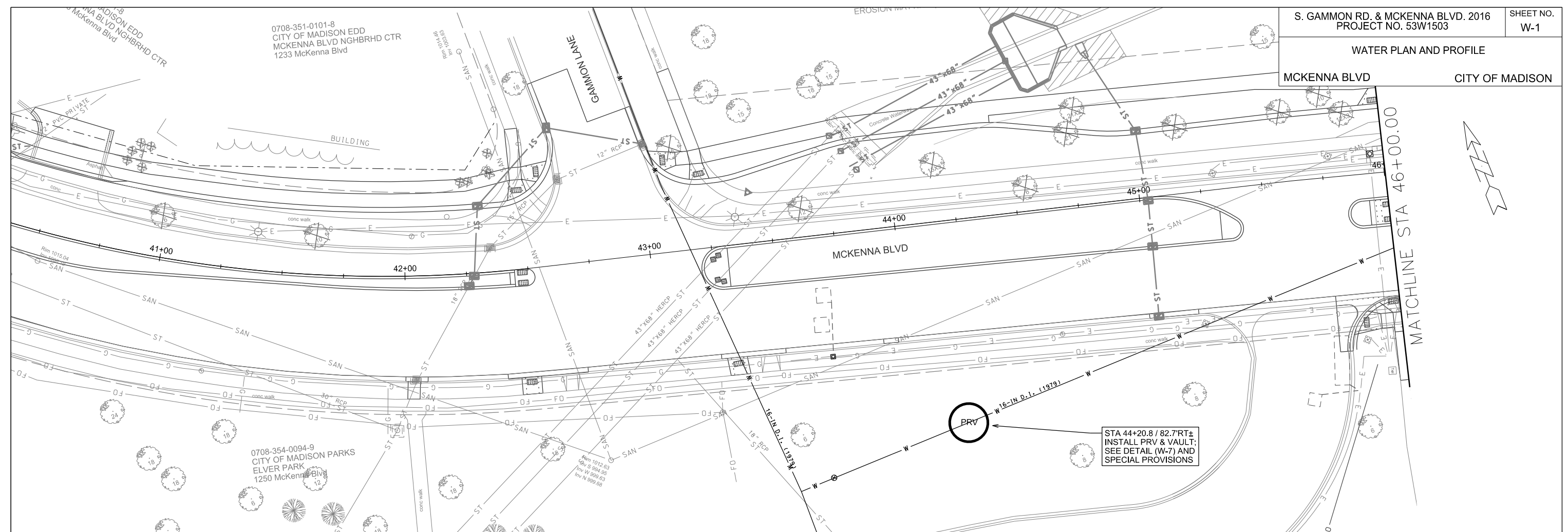
ID NO.	STATION	LOCATION (OFFSET)	TYPE	NOTES
ULO-0	32+97.75	LT-31.50	GAS & ELEC	-
ULO-1	38+21.97	LT-27.50	GAS	-
ULO-2	40+23.91	LT-21.82	GAS & ELEC	-
ULO-3	42+30.88	LT-18.60	GAS & ELEC	-
ULO-4	42+51.00	LT-44.64	GAS	-
ULO-5	47+16.57	RT-59.43	FO	-
ULO-6	53+67.40	RT-39.92	FO	-

STORM STRUCTURE ADJUSTS

STRUC. NO.	ID NO.	STATION	LOCATION (OFFSET)	EXISTING TOP OF CASTING	PROPOSED TOP OF CASTING	EXISTING ADJ (FT)	NOTES
ADJ-1	AS 2765-011	49+52.19	LT-18.16	1012.67	1012.55	-	-

WATER PLAN AND PROFILE

MCKENNA BLVD CITY OF MADISON



PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

0708-362-0302-9
CITY OF MADISON ENGINEER
GREENTREE LANDFILL 537
6802 Hammersley Rd

STA 48+98.2 / 58.4'LT
16-IN VALVE & BOX

STA 48+99.1 / 55.5'LT
16-IN 11.25° BEND

STA 48+97.3 / 61.3'LT±
CONNECT TO EX 16-IN TEE
REMOVE EX 16-IN PIPE
SALVAGE EX 16-IN VALVE

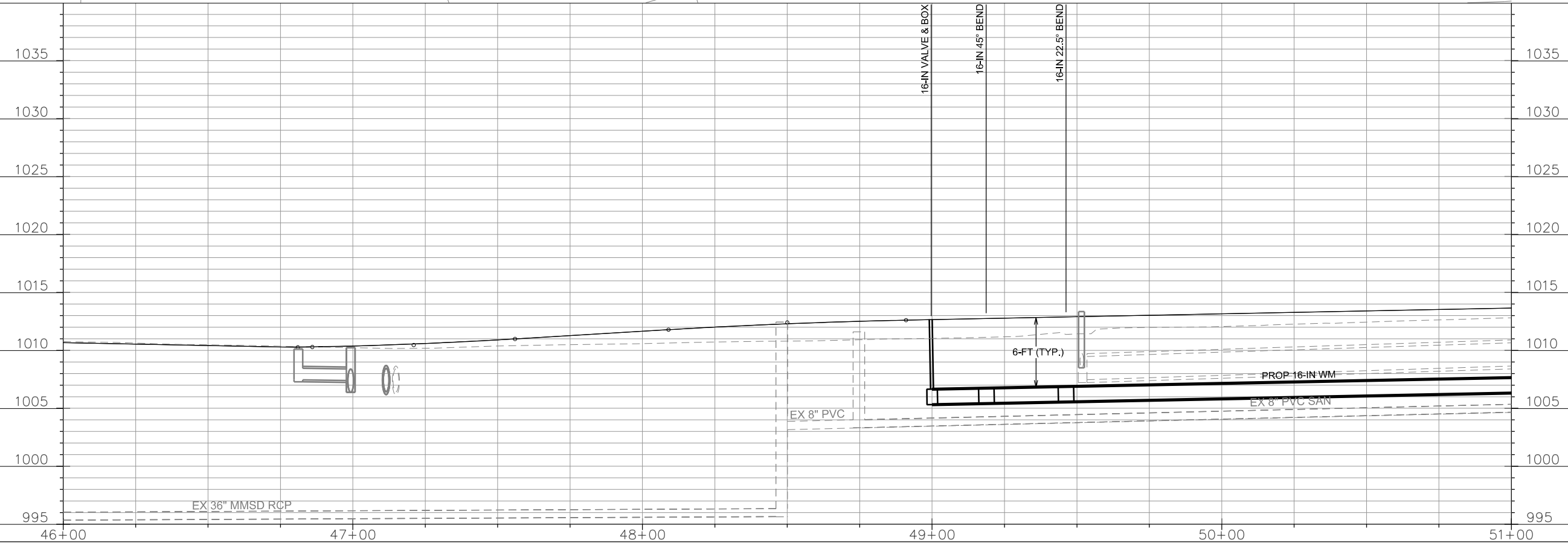
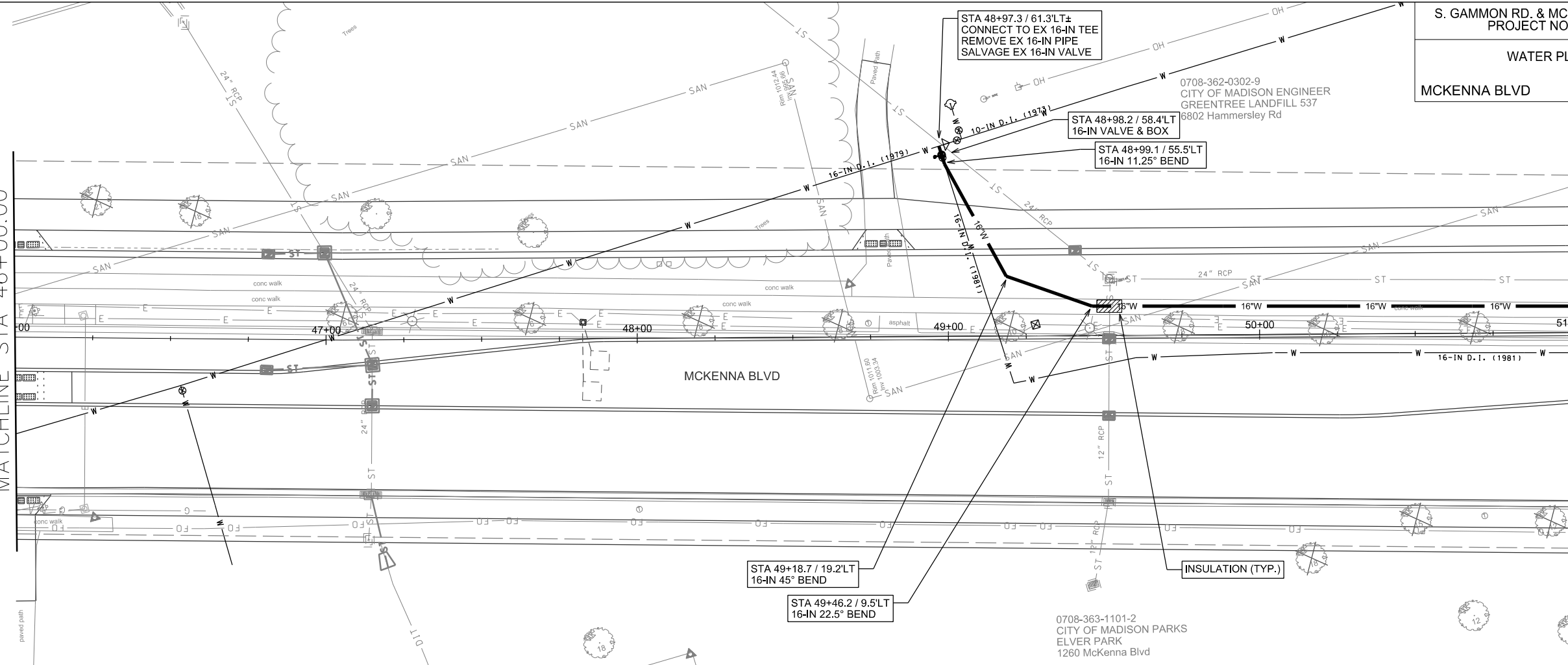
STA 49+18.7 / 19.2'LT
16-IN 45° BEND

STA 49+46.2 / 9.5'LT
16-IN 22.5° BEND

0708-363-1101-2
CITY OF MADISON PARKS
ELVER PARK
1260 McKenna Blvd

MATCHLINE STA 46+00.00

MATCHLINE STA 51+00.00

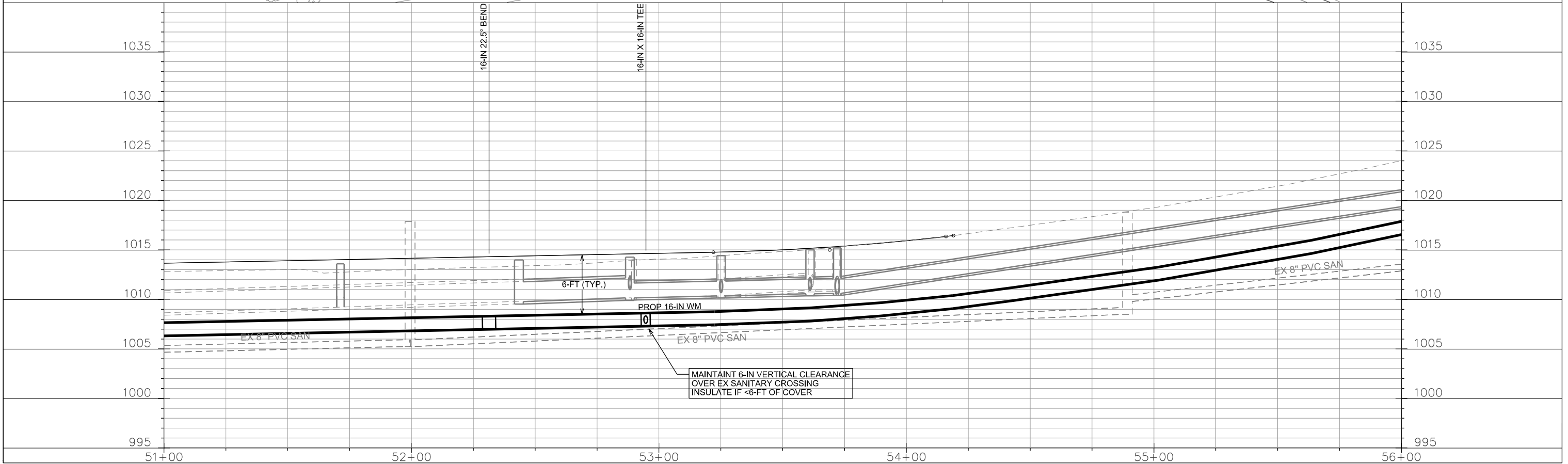
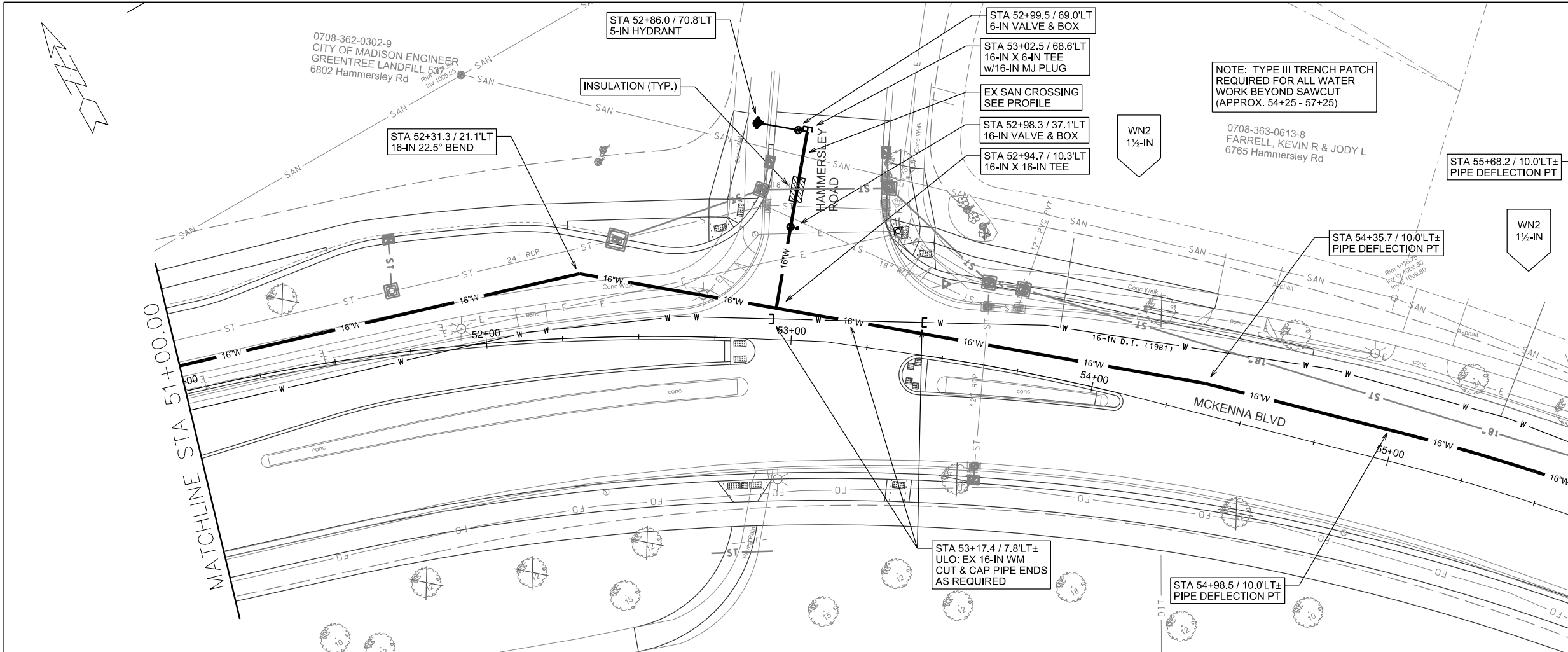


PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



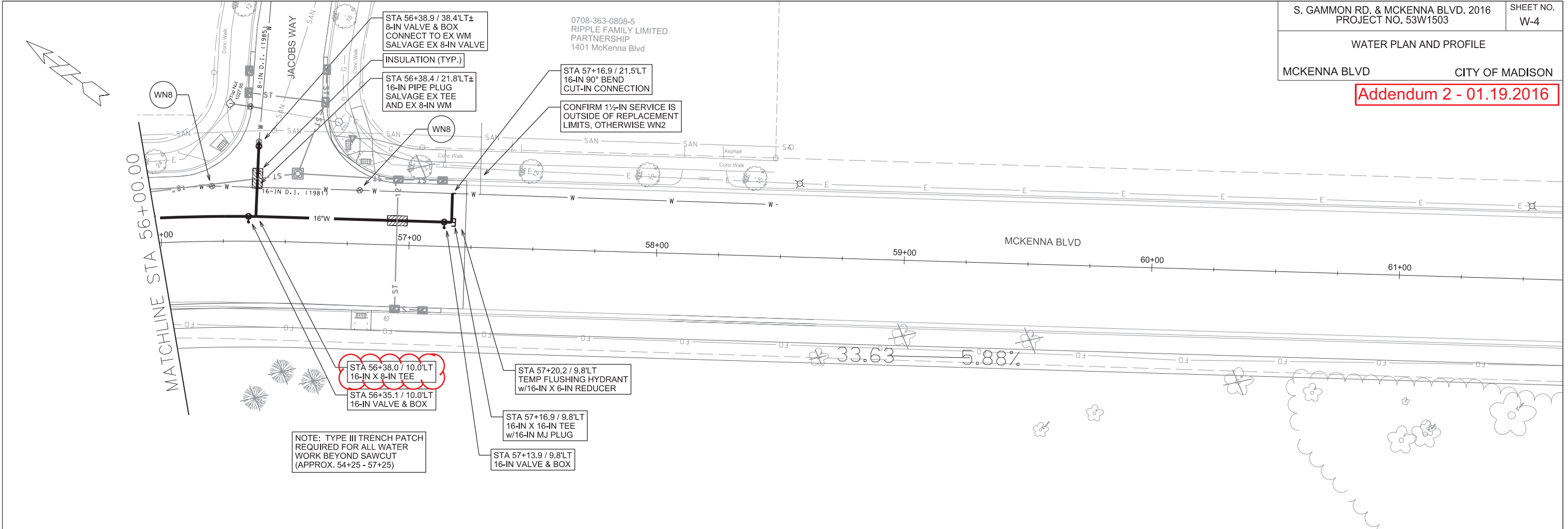
PLOT SCALE: _____

PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

Addendum 2 - 01.19.2016



PLOT SCALE: _____

PLOT NAME: _____

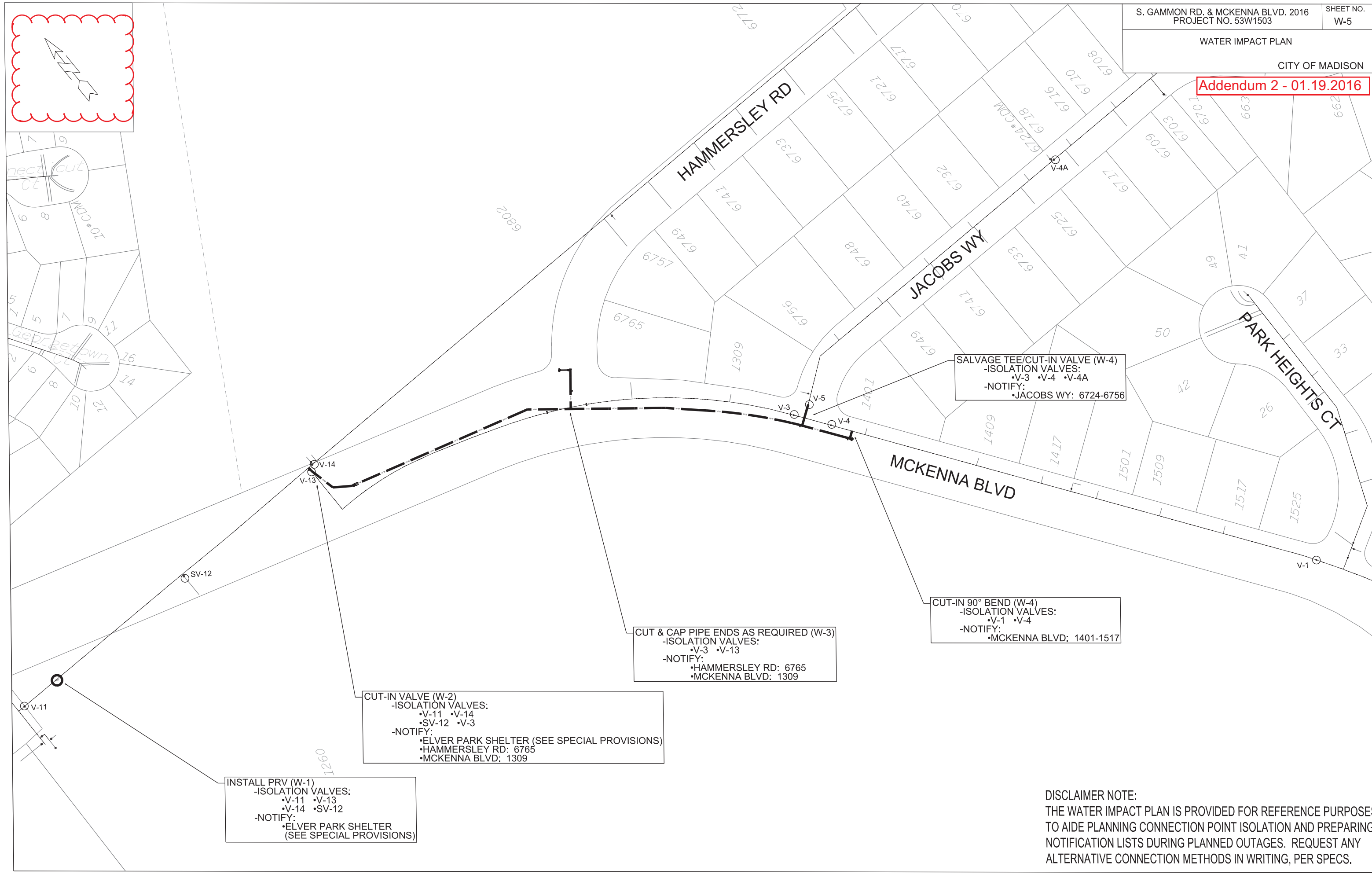
REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

WATER IMPACT PLAN

CITY OF MADISON

Addendum 2 - 01.19.2016



SALVAGE TEE/CUT-IN VALVE (W-4)
-ISOLATION VALVES:
•V-3 •V-4 •V-4A
-NOTIFY:
•JACOBS WY: 6724-6756

CUT-IN 90° BEND (W-4)
-ISOLATION VALVES:
•V-1 •V-4
-NOTIFY:
•MCKENNA BLVD: 1401-1517

CUT & CAP PIPE ENDS AS REQUIRED (W-3)
-ISOLATION VALVES:
•V-3 •V-13
-NOTIFY:
•HAMMERSLEY RD: 6765
•MCKENNA BLVD: 1309

CUT-IN VALVE (W-2)
-ISOLATION VALVES:
•V-11 •V-14
•SV-12 •V-3
-NOTIFY:
•ELVER PARK SHELTER (SEE SPECIAL PROVISIONS)
•HAMMERSLEY RD: 6765
•MCKENNA BLVD: 1309

INSTALL PRV (W-1)
-ISOLATION VALVES:
•V-11 •V-13
•V-14 •SV-12
-NOTIFY:
•ELVER PARK SHELTER
(SEE SPECIAL PROVISIONS)

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.

PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

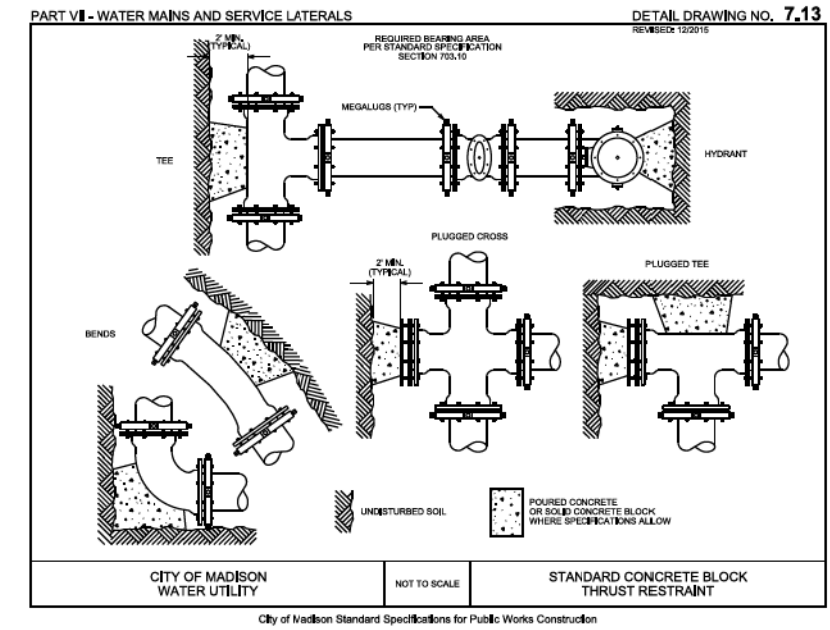
FILE NAME:

DATE:

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.

- 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
- WN20+ SEE WATER IMPACT PLAN FOR CONNECTION POINT ISOLATION AND WATER SHUT-OFF NOTIFICATION INFORMATION.



ESTIMATE OF MATERIALS SUPPLIED BY CONTRACTOR*:

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

NOTE: PRV MATERIALS ARE NOT LISTED HERE; SEE SHEET W-7 FOR ALL PRV MATERIALS AND REQUIREMENTS

- 20-FT - 6-IN PIPE
- 40-FT - 8-IN PIPE
- 940-FT - 16-IN PIPE

1100-FT - POLYWRAP

- 1 - 6-IN VALVE & BOX
- 1 - 8-IN VALVE & BOX
- 4 - 16-IN VALVE & BOX

- 2 - 8-IN X 6-IN TEE
- 1 - 8-IN X 8-IN TEE

- 1 - 16-IN 11.25° BEND
- 2 - 16-IN 22.5° BEND
- 1 - 16-IN 45° BEND
- 1 - 16-IN 90° BEND

- 1 - 16-IN X 6-IN TEE
- 1 - 16-IN X 8-IN TEE
- 2 - 16-IN X 16-IN TEE

- 2 - 16-IN MJ PLUG
- 4 - 16-IN MJ CAP

- 1 - 5-IN HYDRANT (PERMANENT)
- 1 - 5-IN HYDRANT (TEMP FLUSHING)

40-FT - 2-IN STYROFOAM INSULATION

1½-IN COPPER SERVICE PIPING (AS REQUIRED)
TOP/MIDDLE SECTION VALVE BOX CASTINGS (AS REQUIRED)

ESTIMATE OF MATERIALS SALVAGED*:

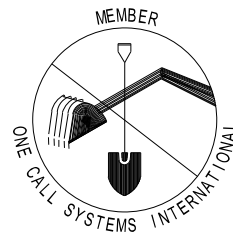
- 1 - 8-IN VALVE & BOX
- 1 - 16-IN VALVE & BOX

- 1 - 16-IN X 8-IN TEE

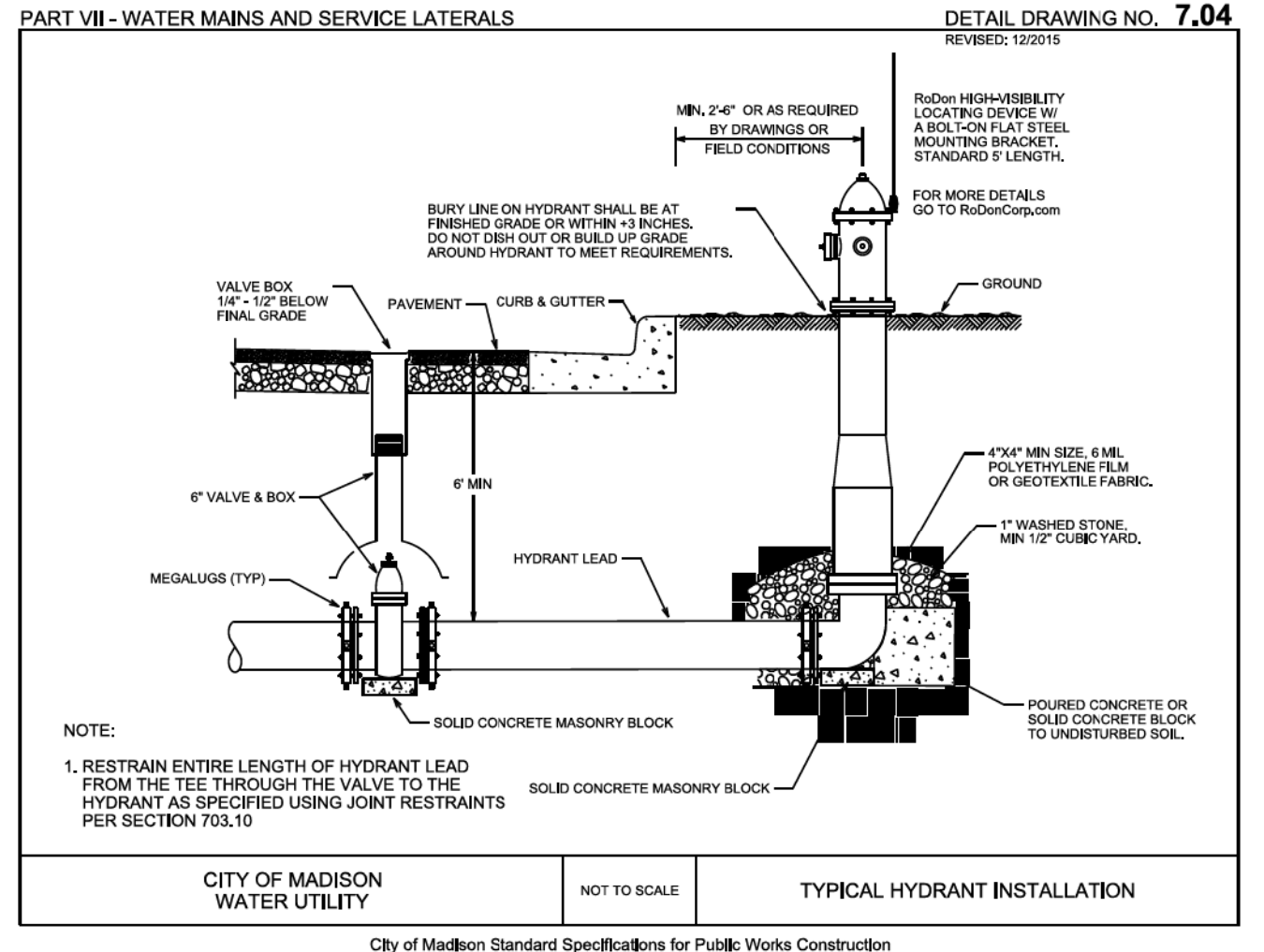
TO OBTAIN LOCATION OF PARTICIPANTS' UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN

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.

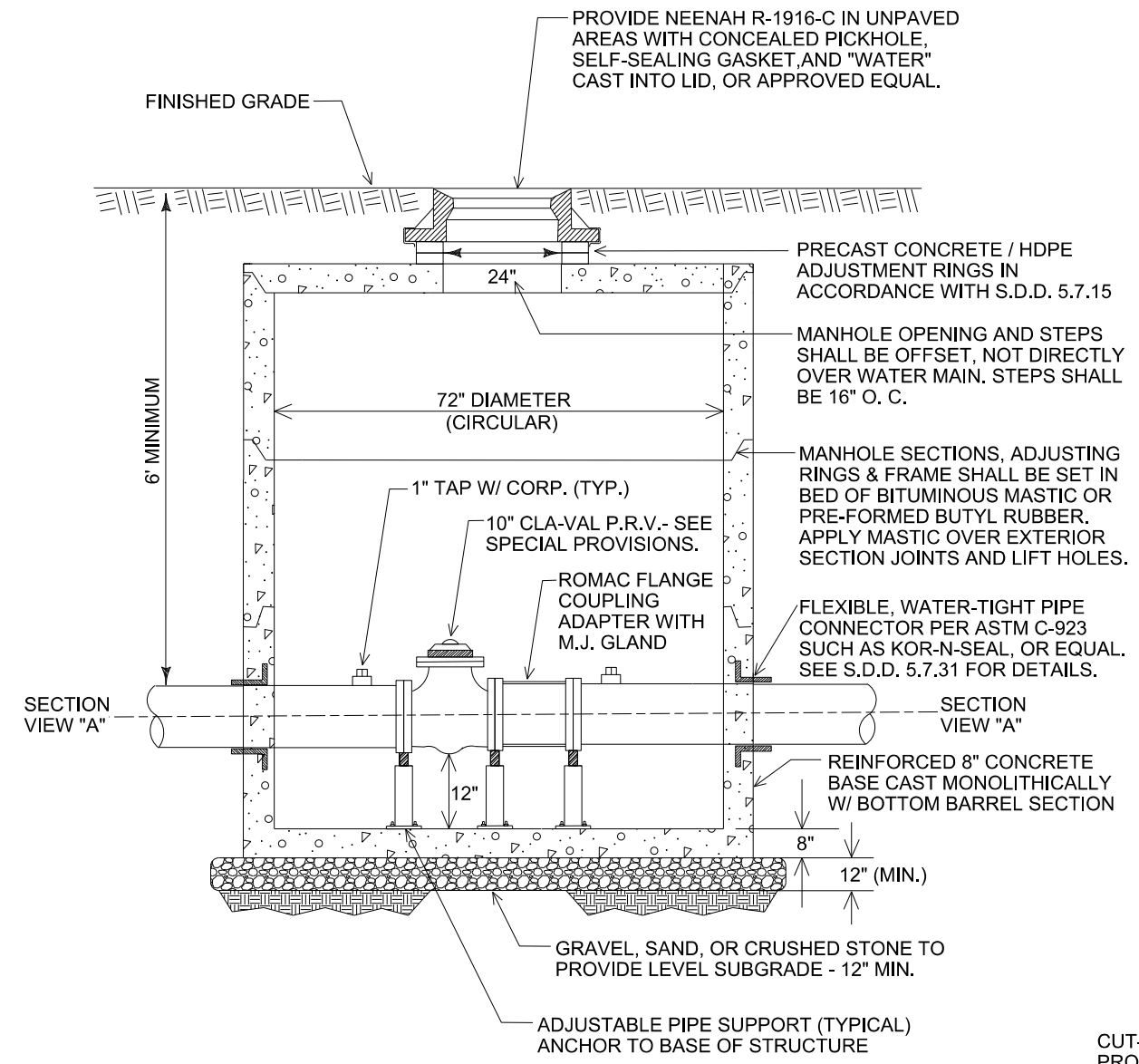


PLOT SCALE: _____

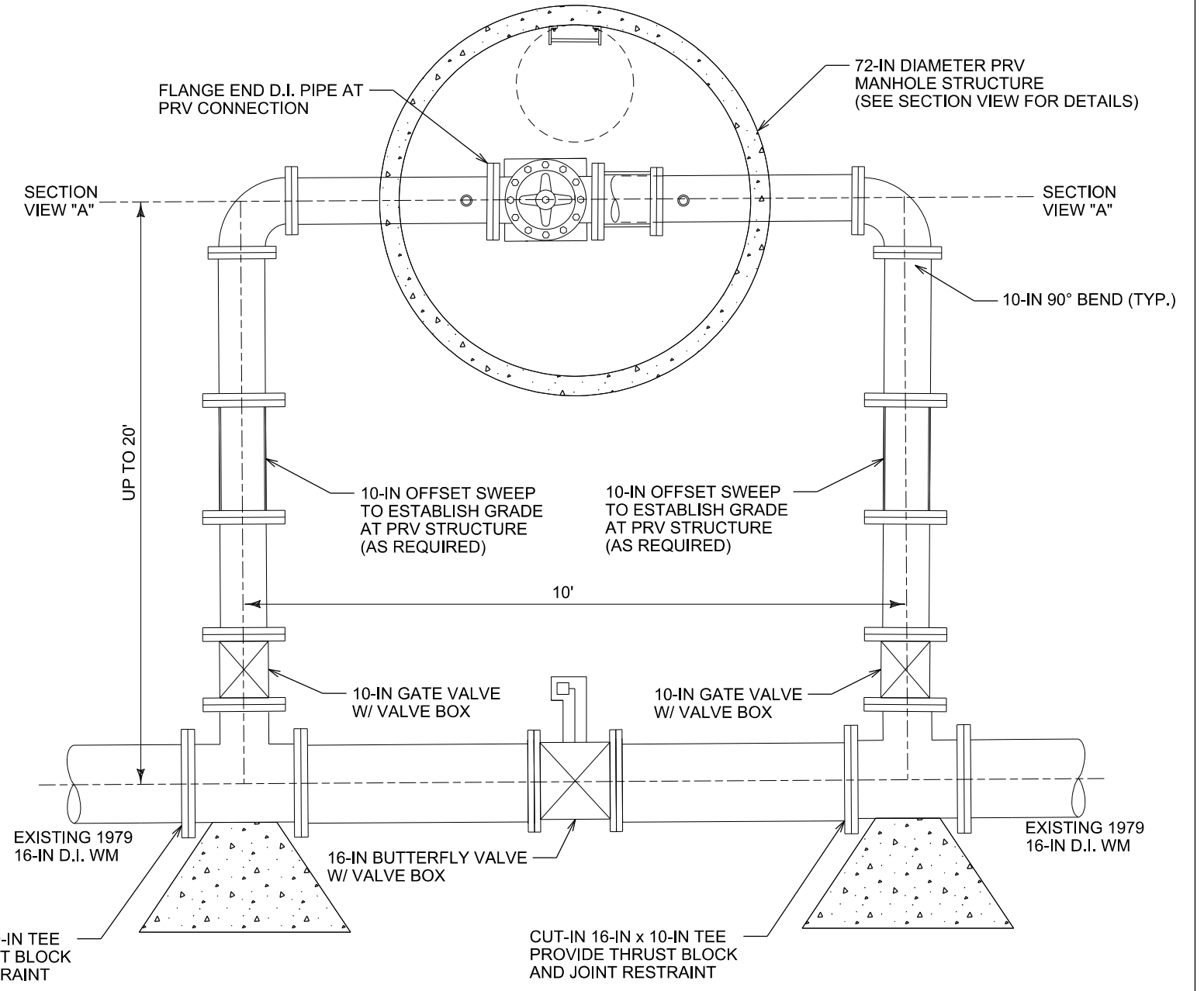
PLOT NAME: _____

REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



**PRESSURE REDUCING VALVE MANHOLE
(SECTION A-A - NTS)**



**PRESSURE REDUCING VALVE MANHOLE /
STANDARD PIPING CONFIGURATION
(PLAN VIEW - NTS)**

NOTES:

1. THE CONTRACT UNIT PRICE FOR THE LUMP SUM BID ITEM 90160 "INSTALL PRV" SHALL INCLUDE ALL COSTS OF FURNISHING AND PLACING THE LEVELING BASE AND STRUCTURE, AS SPECIFIED; AND ALSO ALL COSTS ASSOCIATED WITH CONSTRUCTION OF THE PIPING, AS SPECIFIED (CUT-IN CONNECTIONS, D.I. PIPE, VALVES, VALVE BOXES, THRUST RESTRAINT, JOINT RESTRAINT, OFFSET FITTINGS, FLANGE PIPE/ADAPTORS, TAPS, ETC).
2. ALL DISTURBANCES ASSOCIATED WITH CONSTRUCTION SHALL BE RESTORED UNDER BID ITEM 90160 "INSTALL PRV".
3. SEE THE SPECIAL PROVISIONS FOR MORE INFORMATION REGARDING THE CLA-VAL PRESSURE REDUCING VALVE.
4. SEE THE SPECIAL PROVISIONS FOR COORDINATION INFORMATION WITH CITY OF MADISON PARKS DEPT.
5. MANHOLE SHALL BE WATER TIGHT.

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

ELECTRICAL PLAN

MCKENNA BLVD

CITY OF MADISON

1/8/2016 YT



0708-351-0108-4
MCKENNA HGTS
% DAVID LEEDER
1049 McKenna Blvd

0708-351-0302-2
MCM INVESTMENT REAL
ESTATE LLC
1050 McKenna Blvd

LEGEND

- INSTALL PVC (3" UNLESS OTHERWISE NOTED)
- ☒ TRAFFIC CONTROLLER BASE (TYPE P UNLESS OTHERWISE NOTED)
- ⊙ TYPE G BASE
- ⊙ TYPE IO BASE
- ⊙ TYPE LB-3 BASE (UNLESS OTHERWISE NOTED)
- ⊙ ELECTRICAL HANDHOLE TYPE 1
- ⊙ ELECTRICAL HANDHOLE TYPE 3
- ⊙ ELECTRICAL HANDHOLE TYPE 5
- ⊙ ELECTRICAL HANDHOLE TYPE 7
- ⊙ EXISTING ELECTRICAL HANDHOLE
- ⊙ EXISTING SIGNAL CONTROL BASE
- ⊙ EXISTING STREET LIGHT
- ⊙ EXISTING SIGNAL BASE
- === EXISTING ELECTRICAL CONDUIT
- ⊙ EXISTING ELECTRICAL CID

0708-351-0107-6
TIMBERLINE CONDO OWNERS
ASSOC % BARBARA WARD
1103 McKenna Blvd

GENERAL ELECTRIC NOTES:

1. ALL LOCATIONS ARE APPROXIMATE. THE TRAFFIC ENGINEER SHALL APPROVE FINAL LOCATIONS, INCLUDING SETBACK, IN THE FIELD AFTER CONTRACTOR SURVEYS STAKING. THE CONTRACTOR SHALL NOTIFY YANG TAO (266-4815) 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 CONDUIT 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 PICK UP 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:
 - 3/4"x19" ANCHOR BOLTS: 6 SET OF 4
 - 1"x40" ANCHOR BOLTS: 17 SET OF 4
 - 1-1/4"x48" ANCHOR BOLTS: 6 SET OF 4

CAP END SECURELY AT GRADE

MORRAINE VIEW DR

MCKENNA BLVD

MATCH MCK-1

PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.



0708-351-0106-8
WESTRIDGE CONDO ASSN
ATTN COREY USELMAN
1107 McKenna Blvd

0708-351-0223-0
THE CROSSINGS AT ELVER PK
CDM ASSC INC
1124 Morraine View Dr

0708-351-0104-2
WI YOUTH COMPANY INC
1201 McKenna Blvd

0708-351-0203-2
MADISON GLACIER PROPERTY
LIMITED LP
1202 McKenna Blvd

0708-351-0104-2
WI YOUTH COMPANY INC
1201 McKenna Blvd

LEGEND	
	INSTALL PVC (3" UNLESS OTHERWISE NOTED)
	TRAFFIC CONTROLLER BASE (TYPE P UNLESS OTHERWISE NOTED)
	TYPE G BASE
	TYPE IO BASE
	TYPE LB-3 BASE (UNLESS OTHERWISE NOTED)
	ELECTRICAL HANDHOLE TYPE 1
	ELECTRICAL HANDHOLE TYPE 3
	ELECTRICAL HANDHOLE TYPE 5
	ELECTRICAL HANDHOLE TYPE 7
	EXISTING ELECTRICAL HANDHOLE
	EXISTING SIGNAL CONTROL BASE
	EXISTING STREET LIGHT
	EXISTING SIGNAL BASE
	EXISTING ELECTRICAL CONDUIT
	EXISTING ELECTRICAL CID

MATCH MCK-1

MCKENNA BLVD

MATCH MCK-2

SL7253T

2"

2"

ST 12" PVC PRIVATE

ST 12" RCP

ST 18" RCP

ST 24" RCP

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



LEGEND

- INSTALL PVC (3" UNLESS OTHERWISE NOTED)
- TRAFFIC CONTROLLER BASE (TYPE P UNLESS OTHERWISE NOTED)
- TYPE G BASE
- TYPE IO BASE
- TYPE LB-3 BASE (UNLESS OTHERWISE NOTED)
- ELECTRICAL HANDHOLE TYPE 1
- ELECTRICAL HANDHOLE TYPE 3
- ELECTRICAL HANDHOLE TYPE 5
- ELECTRICAL HANDHOLE TYPE 7
- EXISTING ELECTRICAL HANDHOLE
- EXISTING SIGNAL CONTROL BASE
- EXISTING STREET LIGHT
- EXISTING SIGNAL BASE
- EXISTING ELECTRICAL CONDUIT
- EXISTING ELECTRICAL CID

0708-351-0203-2
MADISON GLACIER PROPERTY
LIMITED LP
1202 McKenna Blvd

0708-351-0103-4
WISCONSIN YOUTH CO INC
1217 McKenna Blvd

0708-351-0201-6
CITY OF MADISON PARKS
ELVER PARK
1220 McKenna Blvd

MATCH MCK-2

MATCH MCK-3

MCKENNA BLVD

SL7252A

SL7251T

6 12 15

15

18

15

15

12

2"

2"

2"

2"

40+00

24" RCP

30" RCP

12" RCP

12" RCP

24" RCP

12" RCP

10" PVC PRIVATE

24" RCP

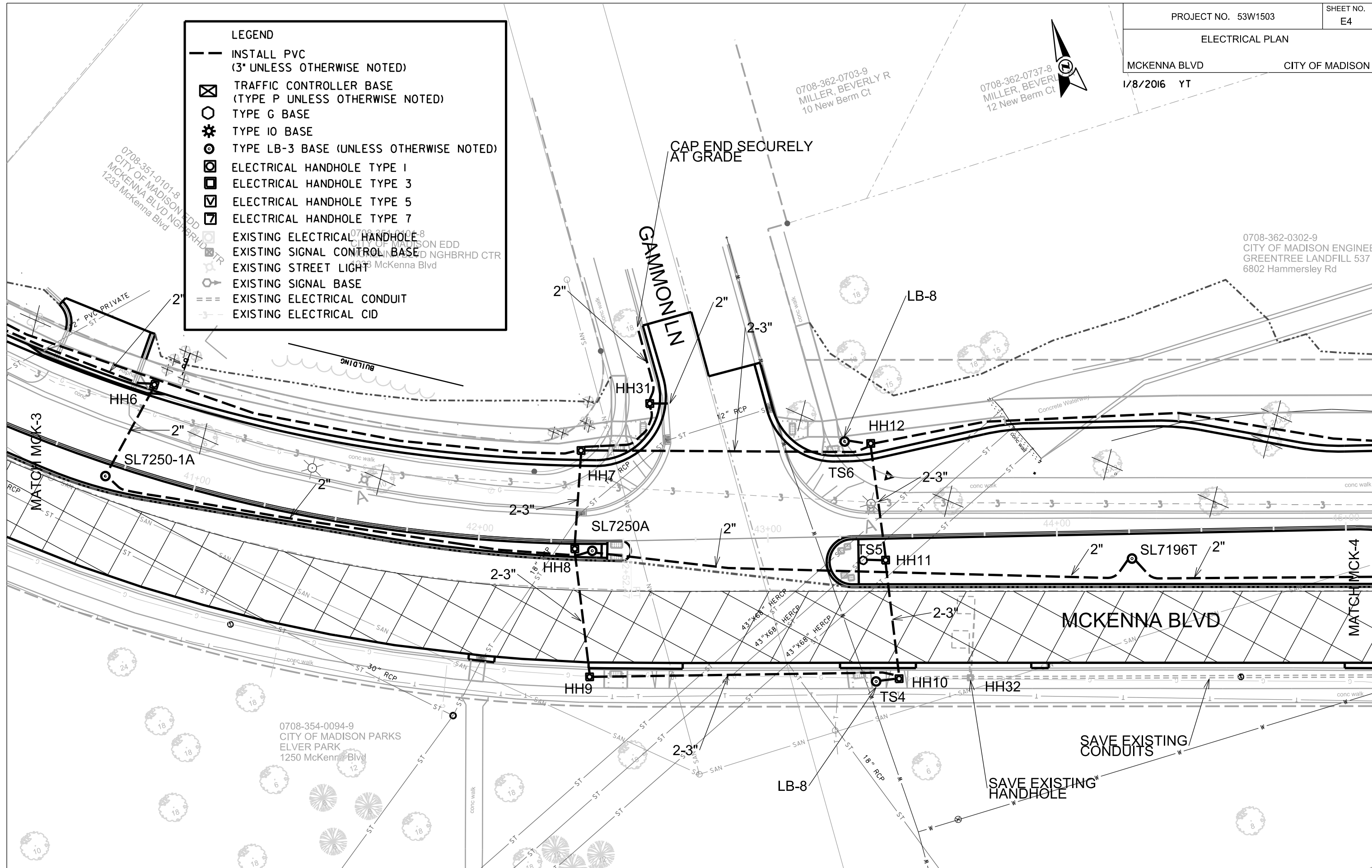
24" RCP

conc walk

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

LEGEND

- INSTALL PVC (3" UNLESS OTHERWISE NOTED)
- ⊠ TRAFFIC CONTROLLER BASE (TYPE P UNLESS OTHERWISE NOTED)
- TYPE G BASE
- ⊙ TYPE IO BASE
- ⊙ TYPE LB-3 BASE (UNLESS OTHERWISE NOTED)
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- ⊠ EXISTING SIGNAL CONTROL BASE
- ⊠ EXISTING STREET LIGHT
- ⊠ EXISTING SIGNAL BASE
- EXISTING ELECTRICAL CONDUIT
- EXISTING ELECTRICAL CID



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

ELECTRICAL PLAN

MCKENNA BLVD

CITY OF MADISON

1/8/2016 YT

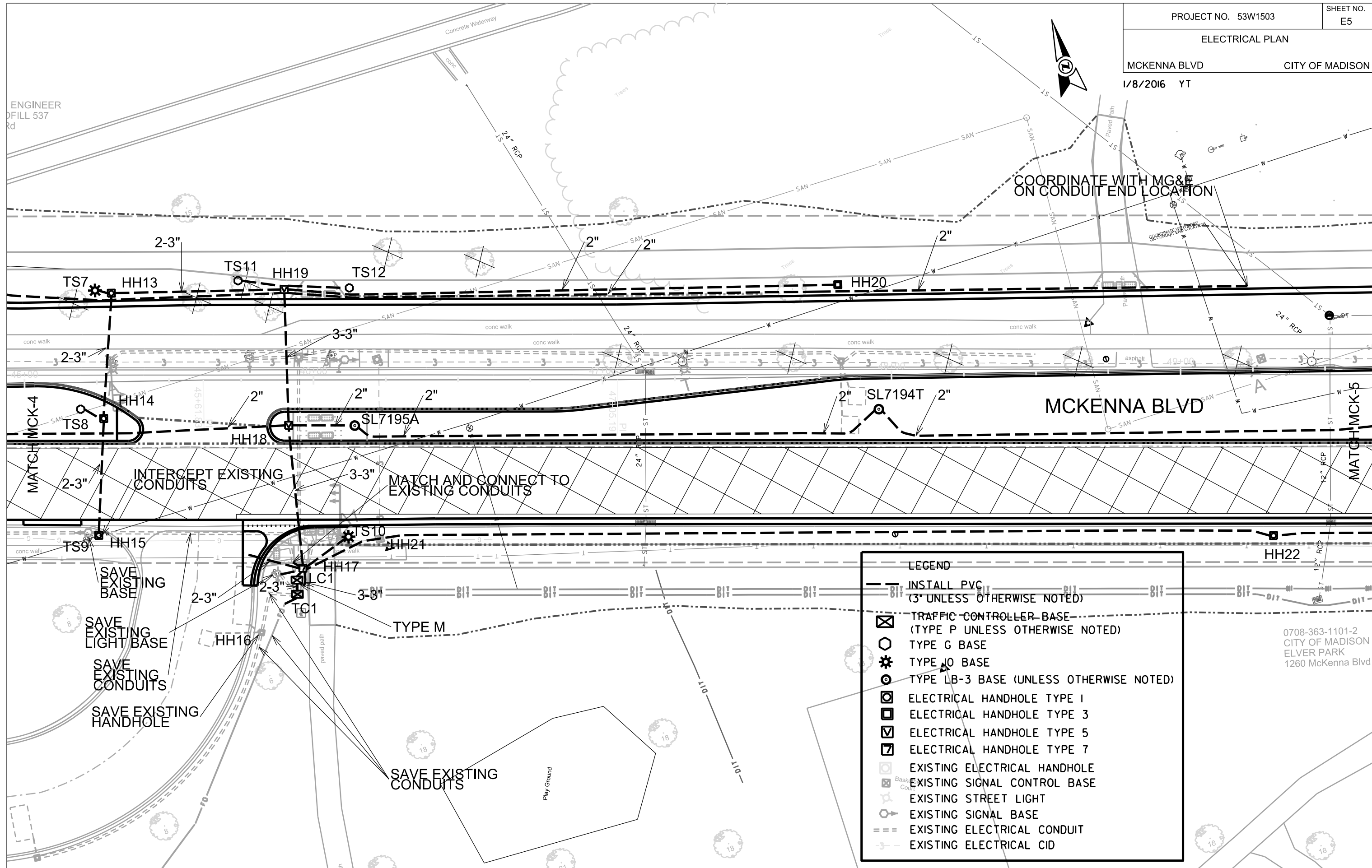
COORDINATE WITH MG&E ON CONDUIT END LOCATION

MCKENNA BLVD

LEGEND	
	INSTALL PVC (3" UNLESS OTHERWISE NOTED)
	TRAFFIC CONTROLLER BASE (TYPE P UNLESS OTHERWISE NOTED)
	TYPE G BASE
	TYPE JO BASE
	TYPE LB-3 BASE (UNLESS OTHERWISE NOTED)
	ELECTRICAL HANDHOLE TYPE 1
	ELECTRICAL HANDHOLE TYPE 3
	ELECTRICAL HANDHOLE TYPE 5
	ELECTRICAL HANDHOLE TYPE 7
	EXISTING ELECTRICAL HANDHOLE
	EXISTING SIGNAL CONTROL BASE
	EXISTING STREET LIGHT
	EXISTING SIGNAL BASE
	EXISTING ELECTRICAL CONDUIT
	EXISTING ELECTRICAL CID

0708-363-1101-2
CITY OF MADISON
ELVER PARK
1260 McKenna Blvd

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



ELECTRICAL PLAN

MCKENNA BLVD CITY OF MADISON

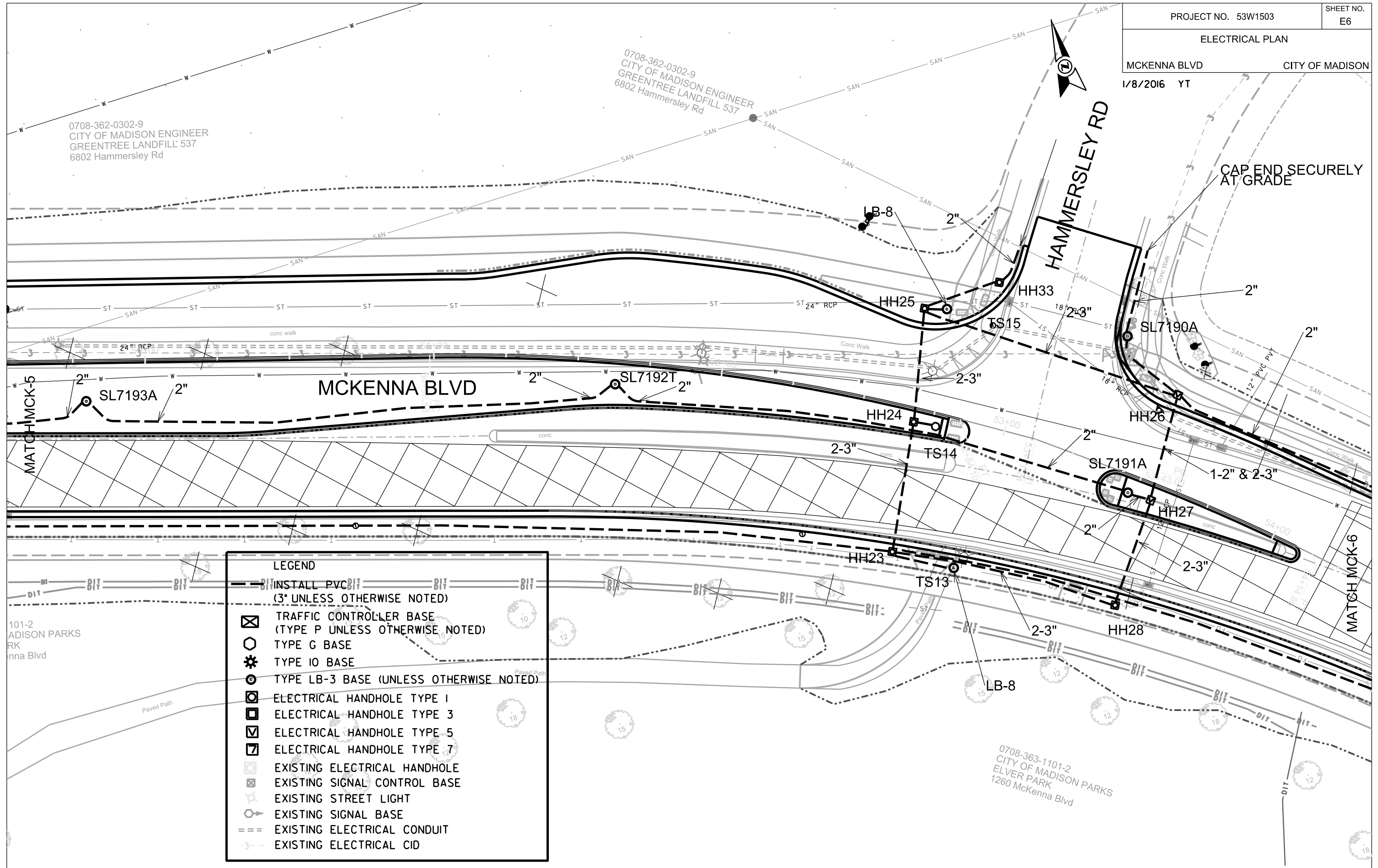
1/8/2016 YT

0708-362-0302-9
CITY OF MADISON ENGINEER
GREENTREE LANDFILL 537
6802 Hammersley Rd

0708-362-0302-9
CITY OF MADISON ENGINEER
GREENTREE LANDFILL 537
6802 Hammersley Rd

CAP END SECURELY
AT GRADE

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

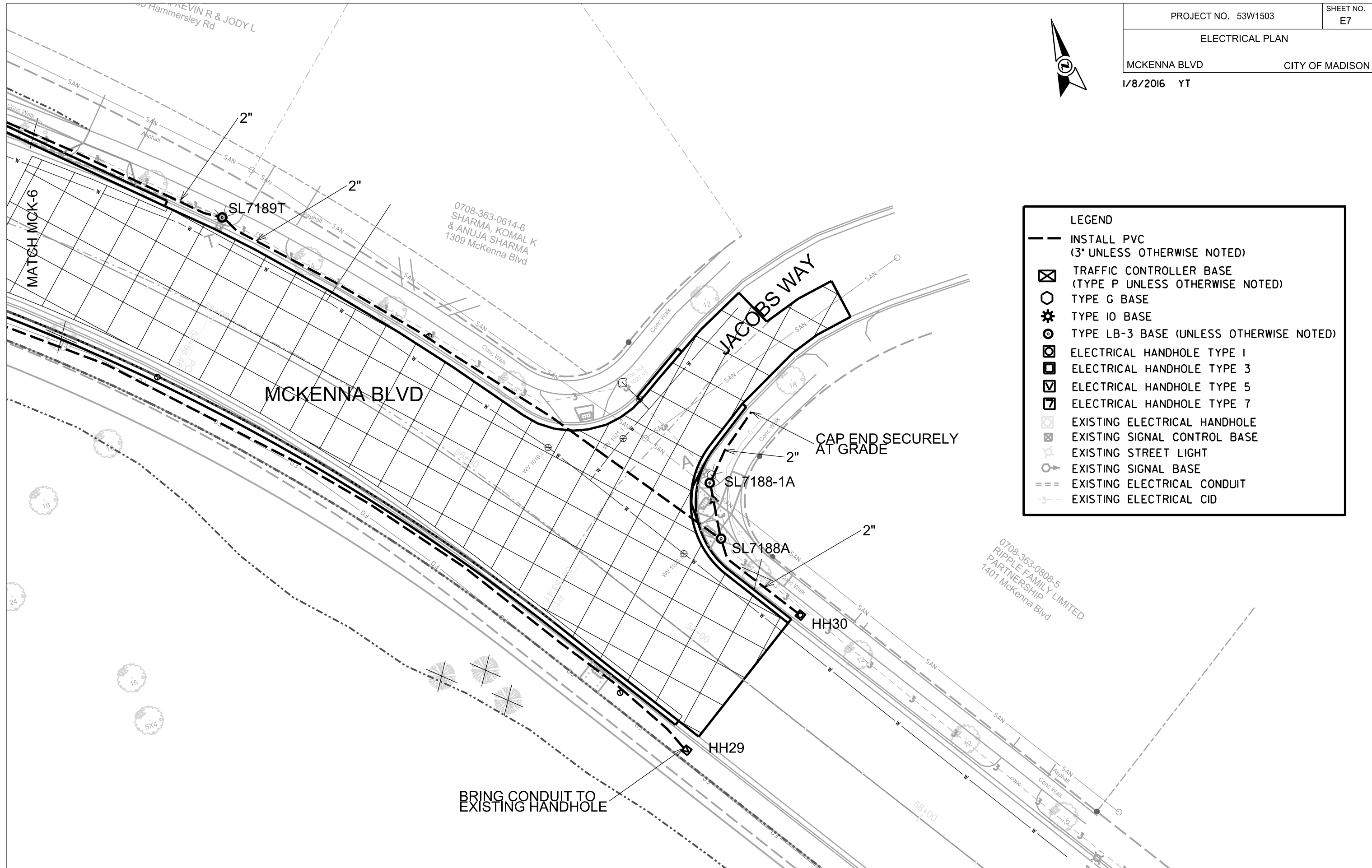


LEGEND

- INSTALL PVC (3" UNLESS OTHERWISE NOTED)
- TRAFFIC CONTROLLER BASE (TYPE P UNLESS OTHERWISE NOTED)
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- EXISTING SIGNAL BASE
- EXISTING ELECTRICAL CONDUIT
- EXISTING ELECTRICAL CID



LEGEND	
	INSTALL PVC (3" UNLESS OTHERWISE NOTED)
	TRAFFIC CONTROLLER BASE (TYPE P UNLESS OTHERWISE NOTED)
	TYPE G BASE
	TYPE IO BASE
	TYPE LB-3 BASE (UNLESS OTHERWISE NOTED)
	ELECTRICAL HANDHOLE TYPE 1
	ELECTRICAL HANDHOLE TYPE 3
	ELECTRICAL HANDHOLE TYPE 5
	ELECTRICAL HANDHOLE TYPE 7
	EXISTING ELECTRICAL HANDHOLE
	EXISTING SIGNAL CONTROL BASE
	EXISTING STREET LIGHT
	EXISTING SIGNAL BASE
	EXISTING ELECTRICAL CONDUIT
	EXISTING ELECTRICAL CID

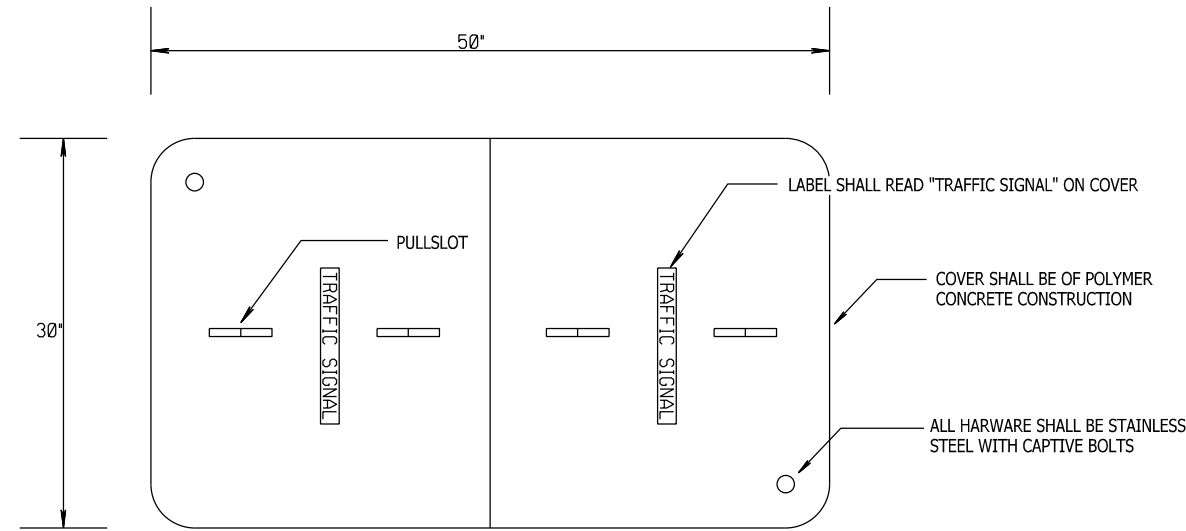


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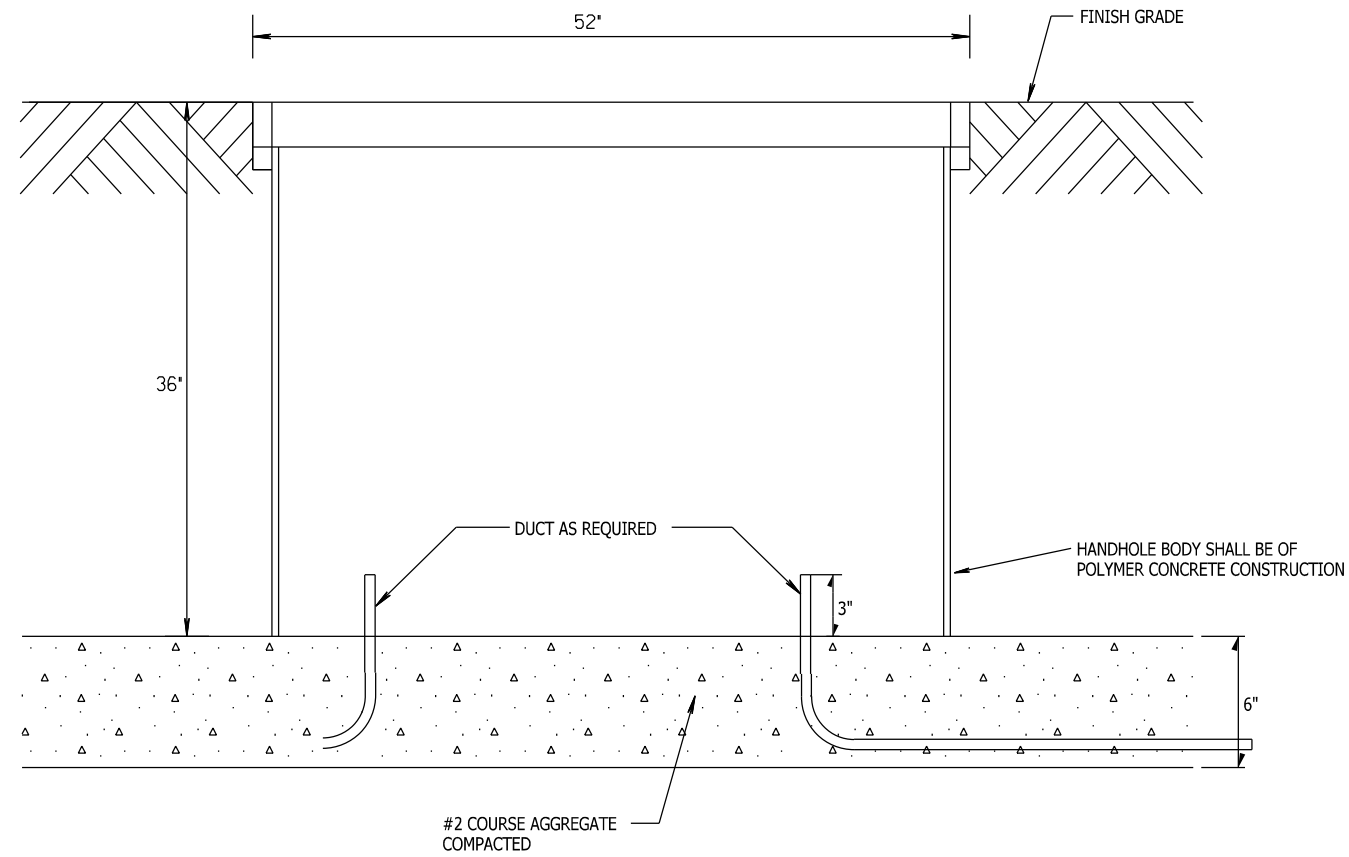
PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.



•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).

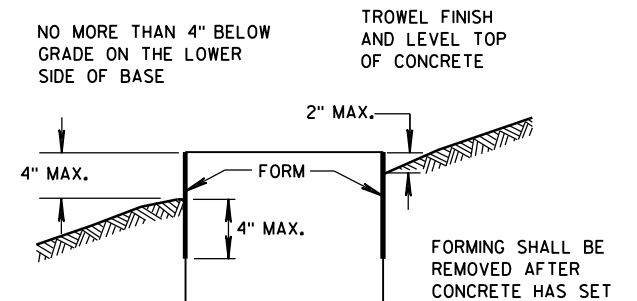
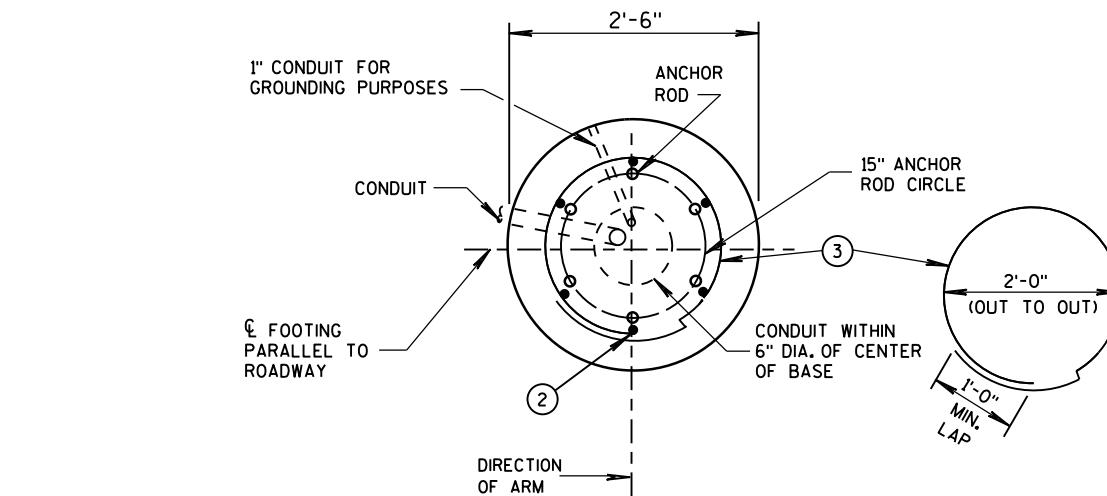
ANCHOR RODS SHALL BE INSTALLED WITH MISALIGNMENTS OF LESS THAN 1:40 FROM VERTICAL.

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.

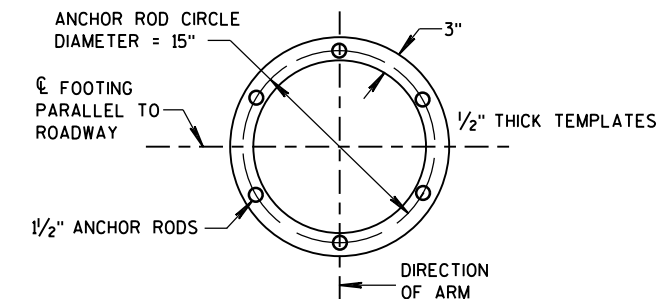
② (6) NO. 6 X 13'-7" BAR STEEL REINFORCEMENT.

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

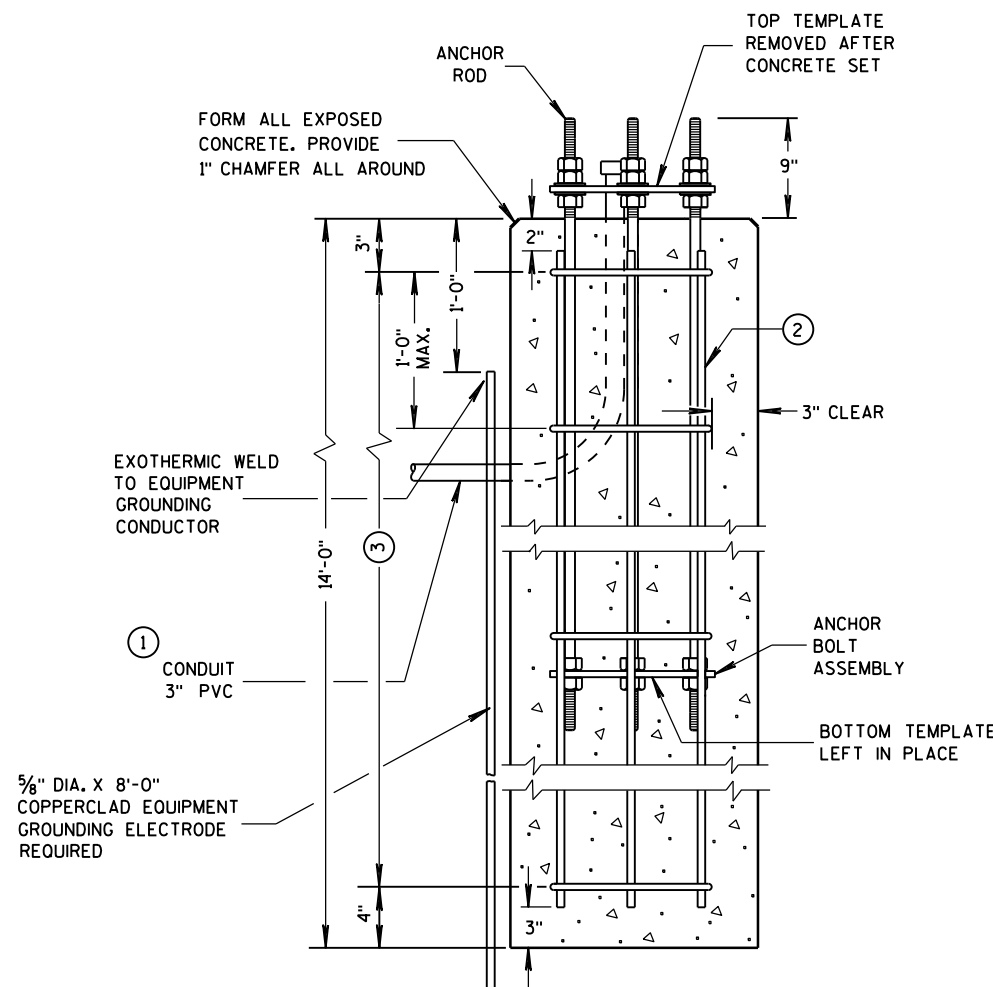
CONCRETE MASONRY ----- $f_c=3,500$ p.s.i.
 HIGH STRENGTH BAR STEEL REINFORCEMENT, GRADE 60 ----- $f_y=60,000$ p.s.i.
 ANCHOR RODS, AASHTO M314 GRADE 55 ----- $f_y=55,000$ p.s.i.
 TEMPLATES, ASTM, A709 GRADE 36 ----- $f_y=36,000$ p.s.i.



FORMING DETAIL

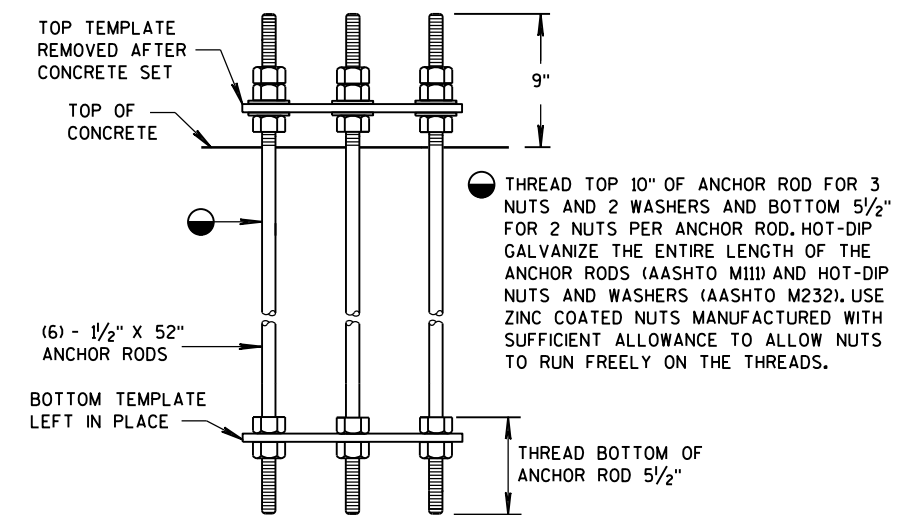


TOP AND BOTTOM TEMPLATES



**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.



ANCHOR BOLT ASSEMBLY DETAIL

**CONCRETE BASE TYPE 10
ANCHOR ASSEMBLY**

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



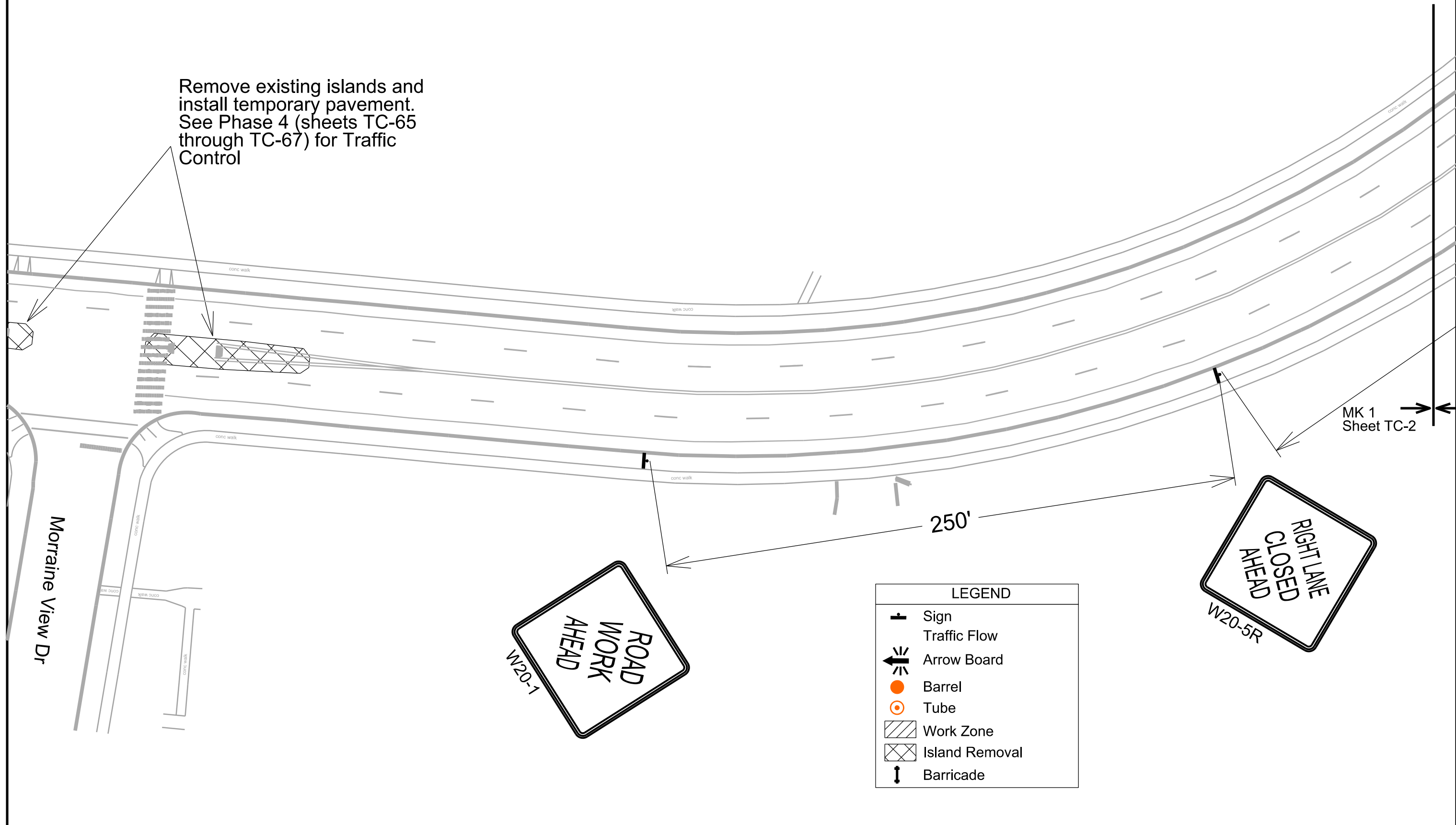
Remove existing islands and install temporary pavement. See Phase 4 (sheets TC-65 through TC-67) for Traffic Control

PLOT SCALE:

PLOT NAME:

REV. DATE:

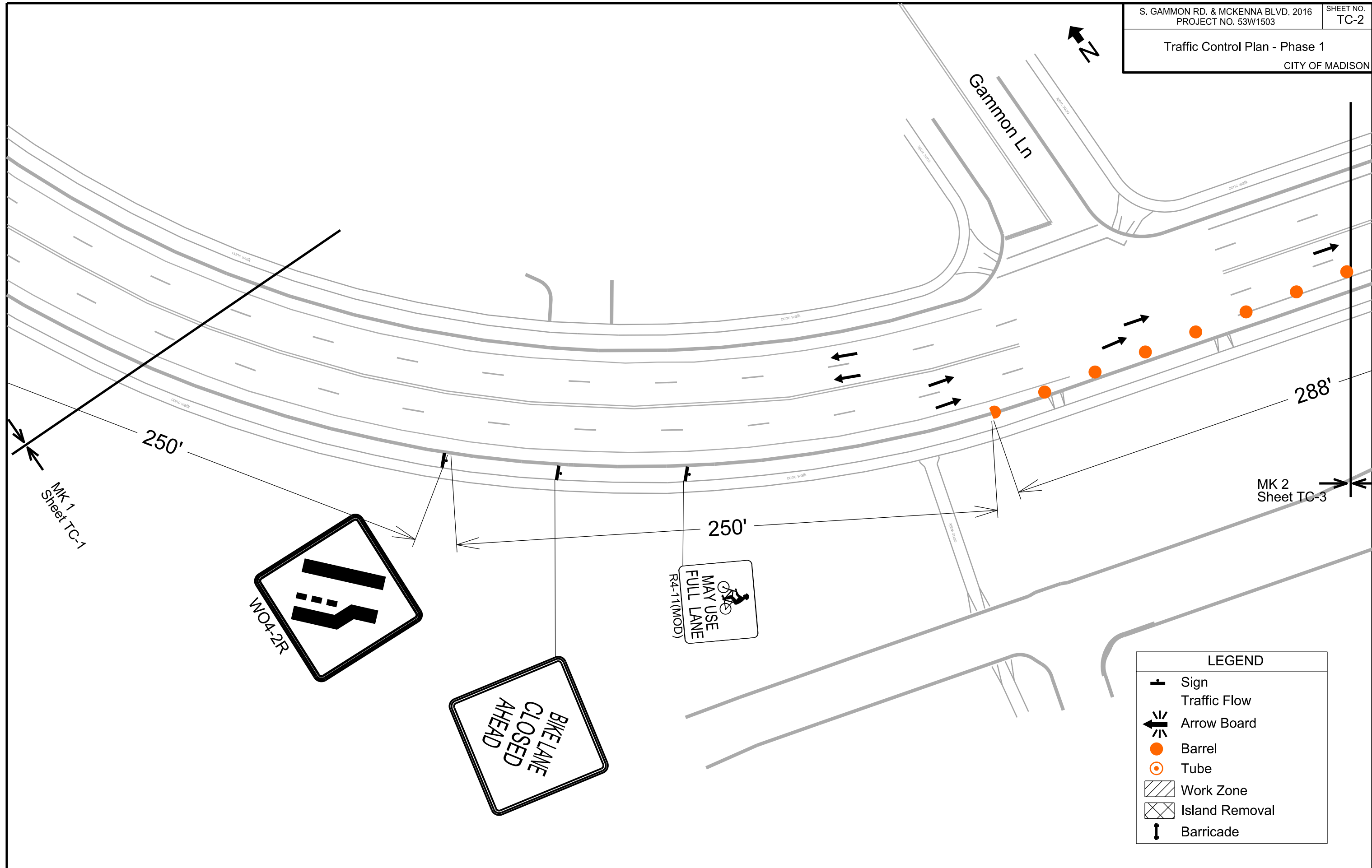
ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.



LEGEND	
	Sign
	Traffic Flow
	Arrow Board
	Barrel
	Tube
	Work Zone
	Island Removal
	Barricade



Gammon Ln



PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.

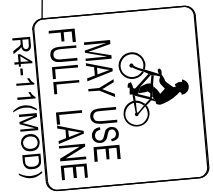
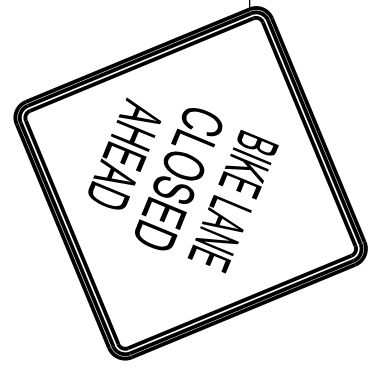
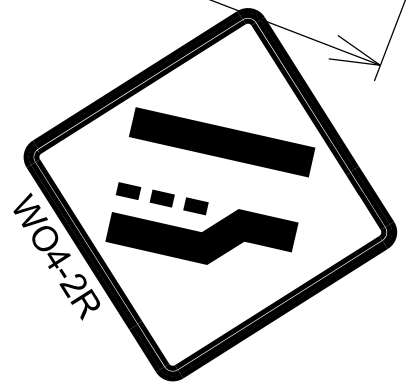
MK 1
Sheet TC-1

MK 2
Sheet TC-3

250'

250'

288'



LEGEND	
	Sign
	Traffic Flow
	Arrow Board
	Barrel
	Tube
	Work Zone
	Island Removal
	Barricade



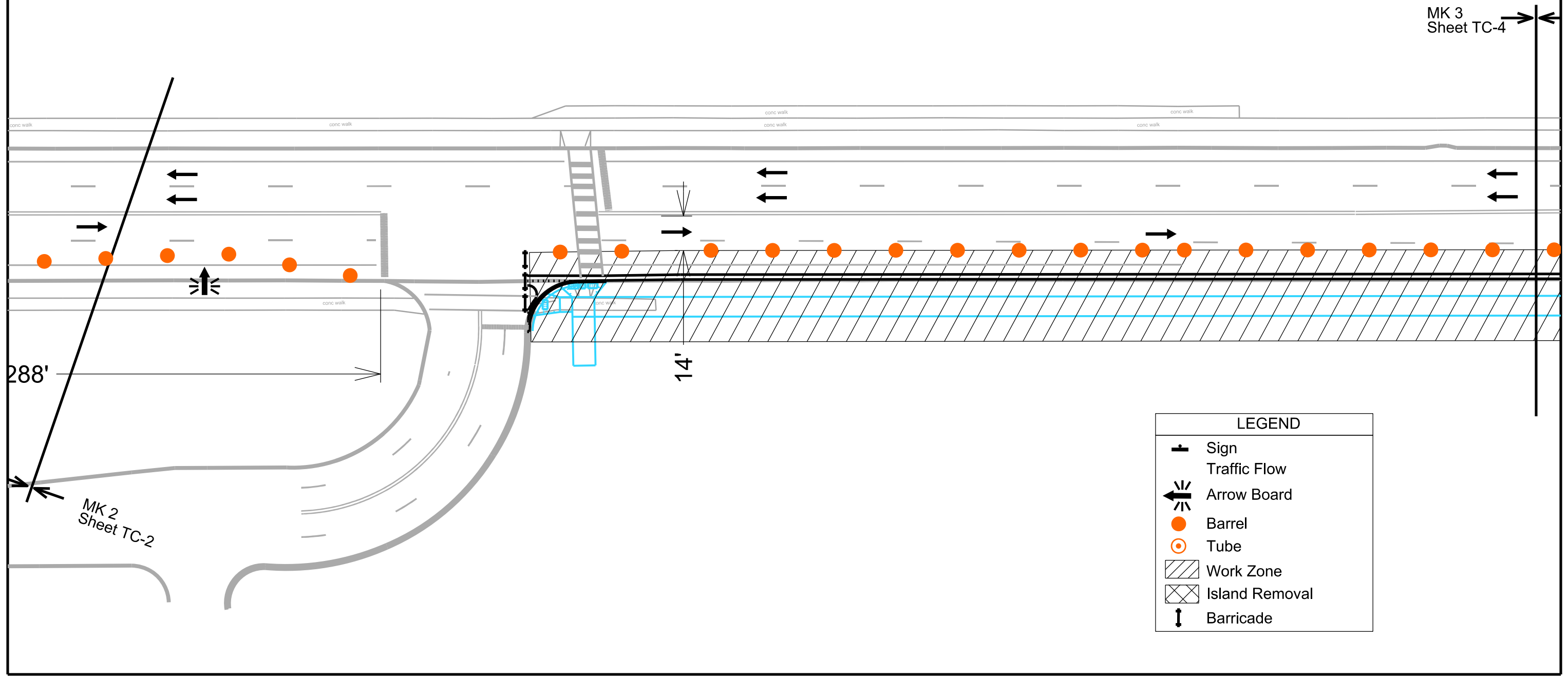
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ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.

MK 3
Sheet TC-4



LEGEND	
	Sign
	Traffic Flow
	Arrow Board
	Barrel
	Tube
	Work Zone
	Island Removal
	Barricade

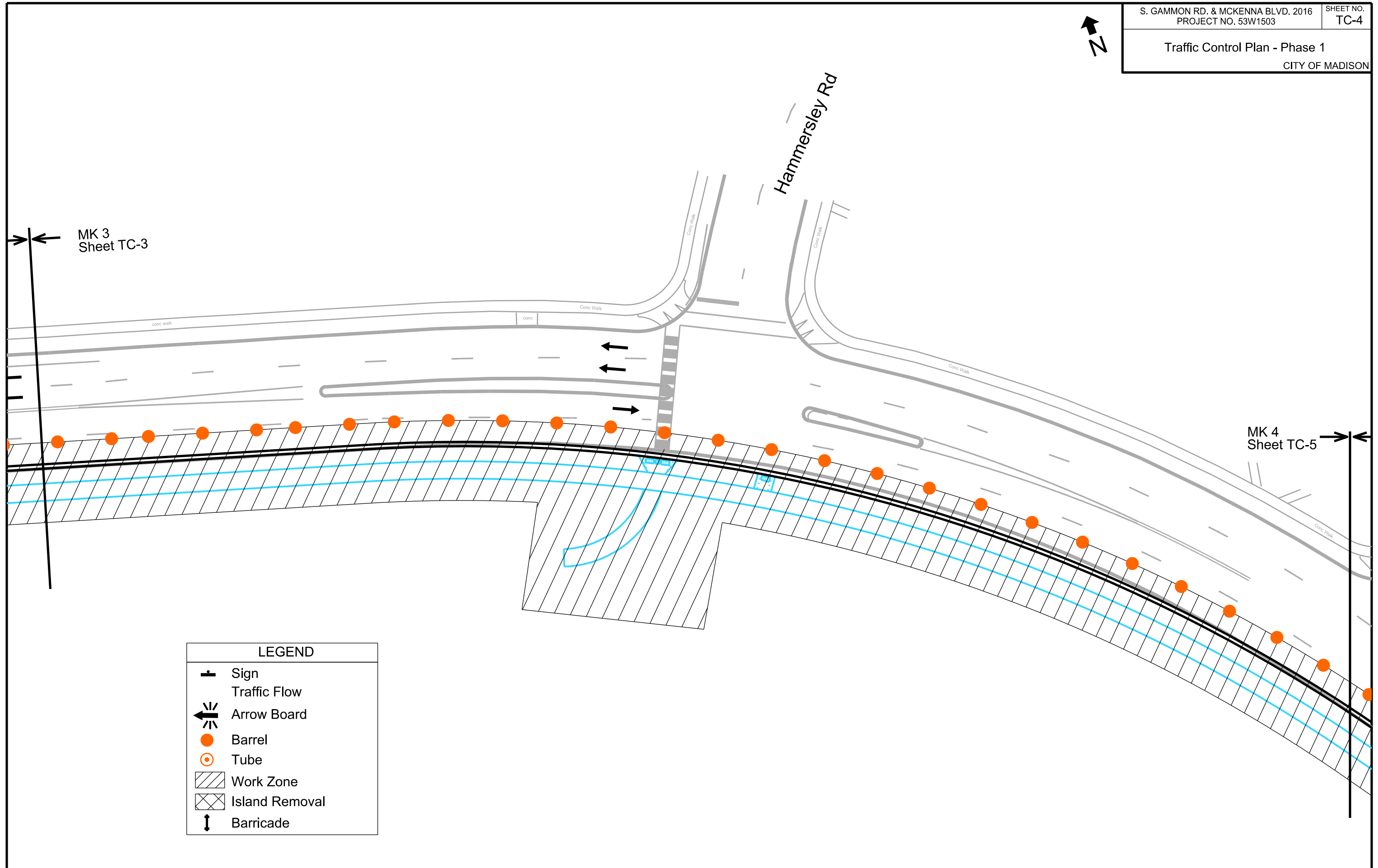


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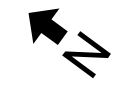
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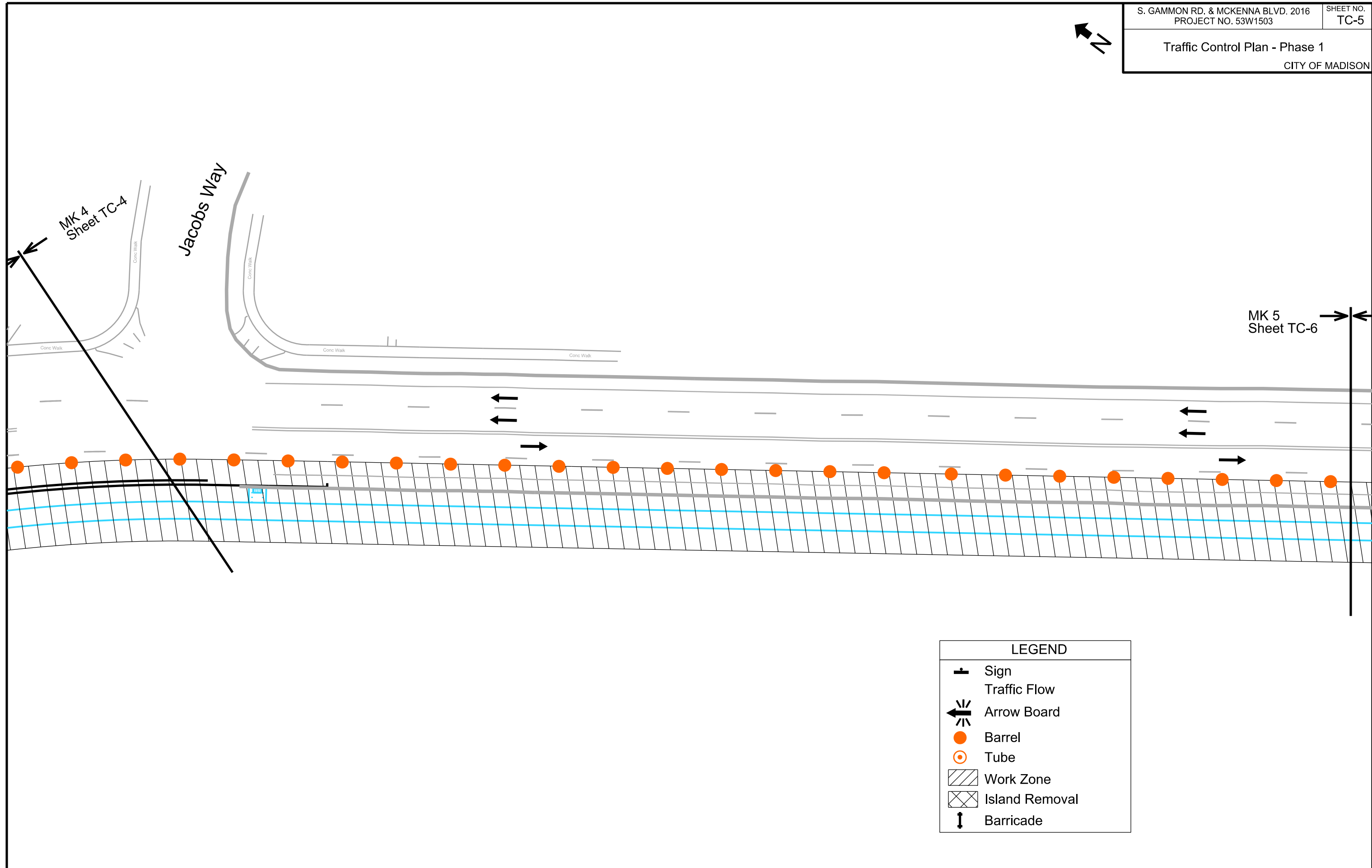
ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.



LEGEND	
	Sign
	Traffic Flow
	Arrow Board
	Barrel
	Tube
	Work Zone
	Island Removal
	Barricade



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



LEGEND	
	Sign
	Traffic Flow
	Arrow Board
	Barrel
	Tube
	Work Zone
	Island Removal
	Barricade



Park Heights Ct

MK 5
 Sheet TC-5

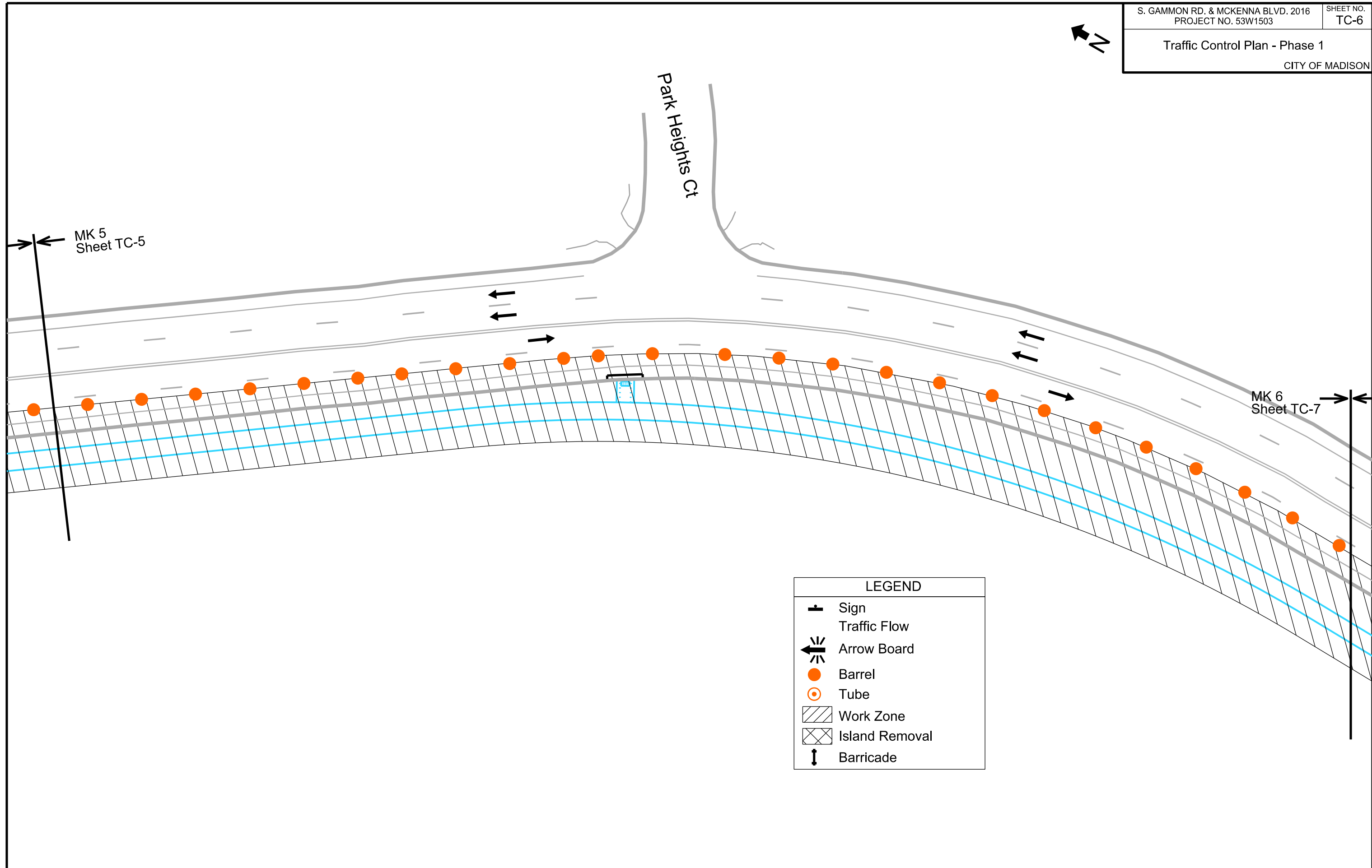
MK 6
 Sheet TC-7

PLOT SCALE:

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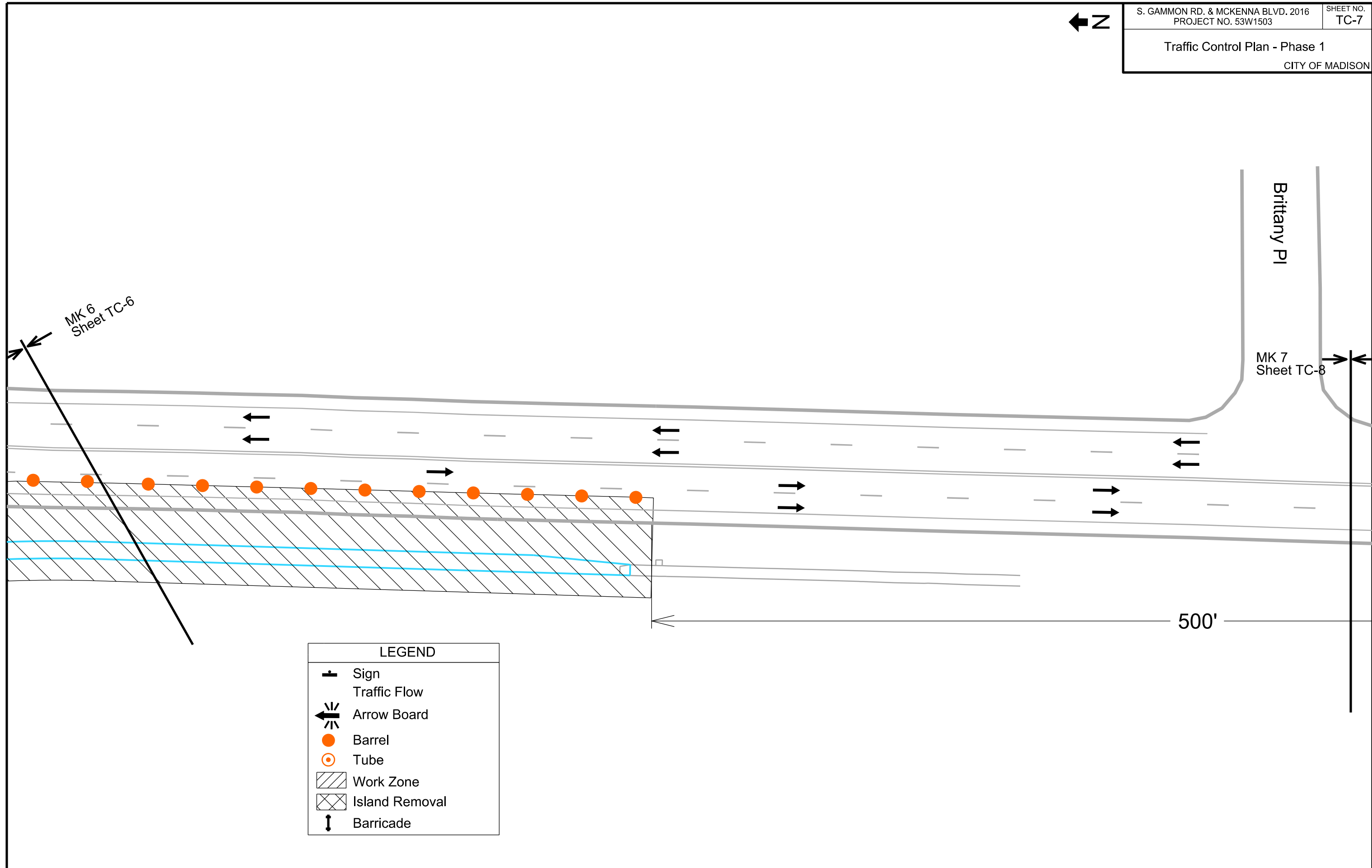
ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.



LEGEND	
	Sign
	Traffic Flow
	Arrow Board
	Barrel
	Tube
	Work Zone
	Island Removal
	Barricade



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



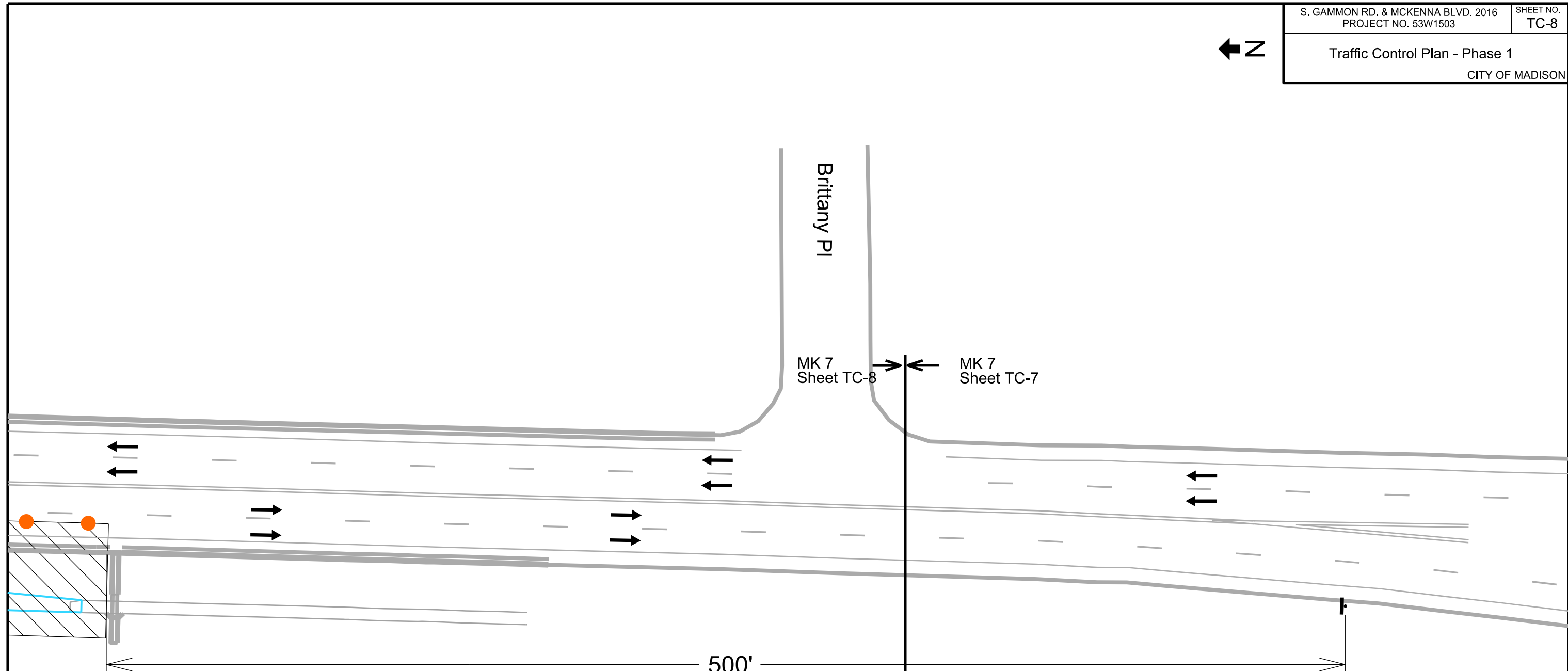
LEGEND	
	Sign
	Traffic Flow
	Arrow Board
	Barrel
	Tube
	Work Zone
	Island Removal
	Barricade



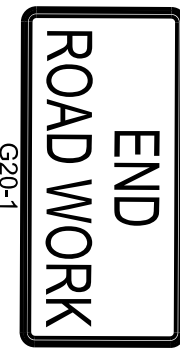
Brittany Pl

MK 7
Sheet TC-8

MK 7
Sheet TC-7



LEGEND	
	Sign
	Traffic Flow
	Arrow Board
	Barrel
	Tube
	Work Zone
	Island Removal
	Barricade



PLOT SCALE:

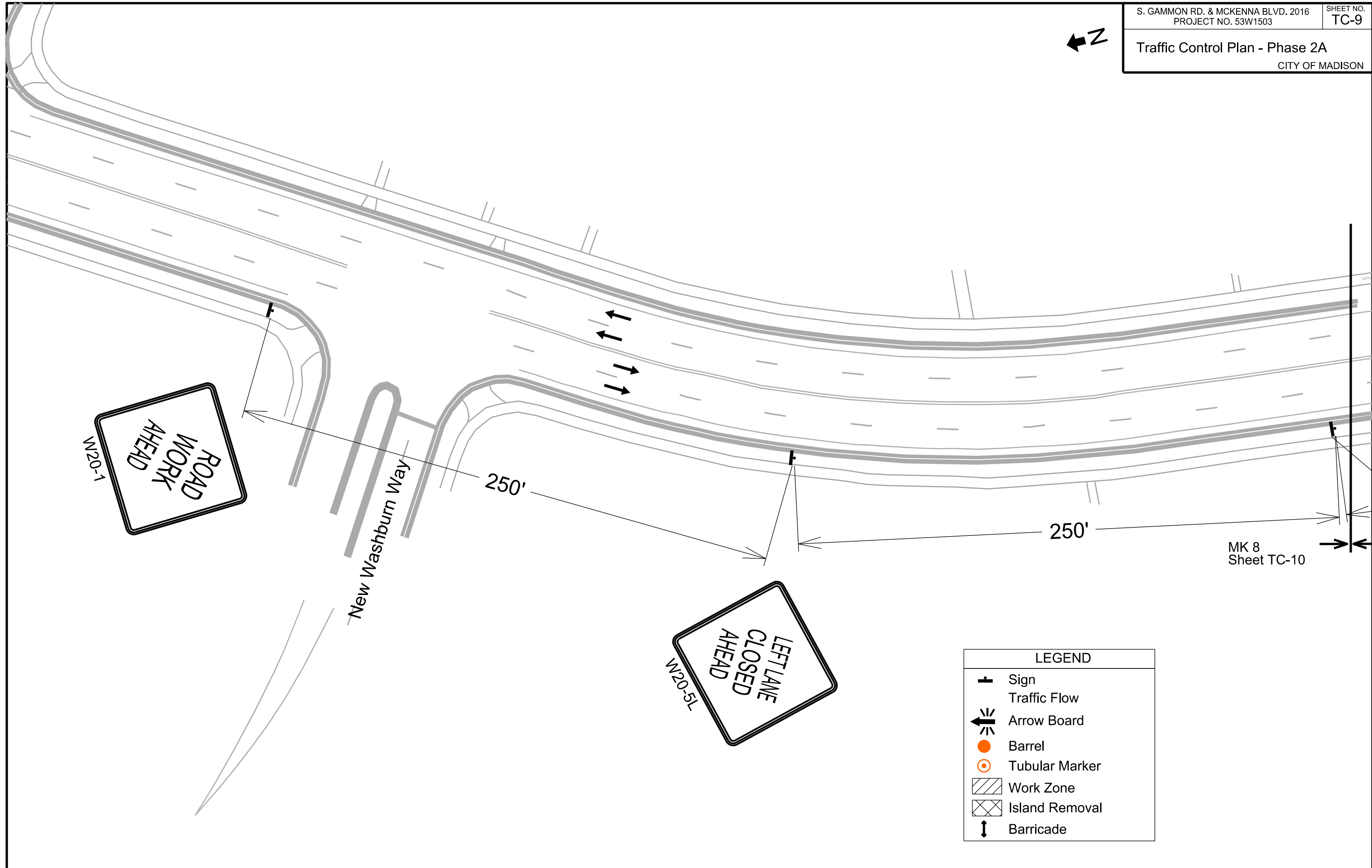
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ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.



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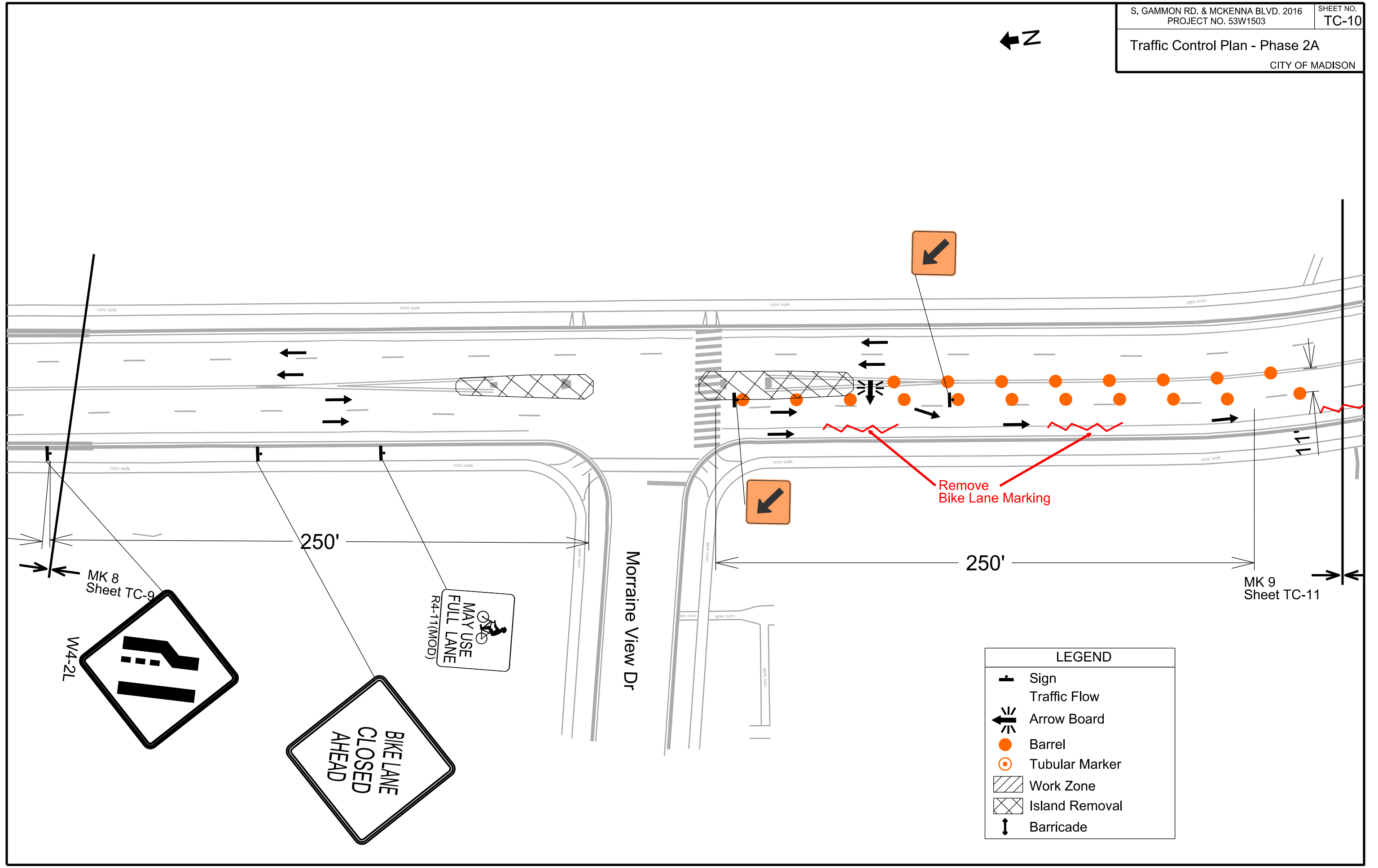


MK 8
Sheet TC-10

LEGEND	
	Sign
	Traffic Flow
	Arrow Board
	Barrel
	Tubular Marker
	Work Zone
	Island Removal
	Barricade



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

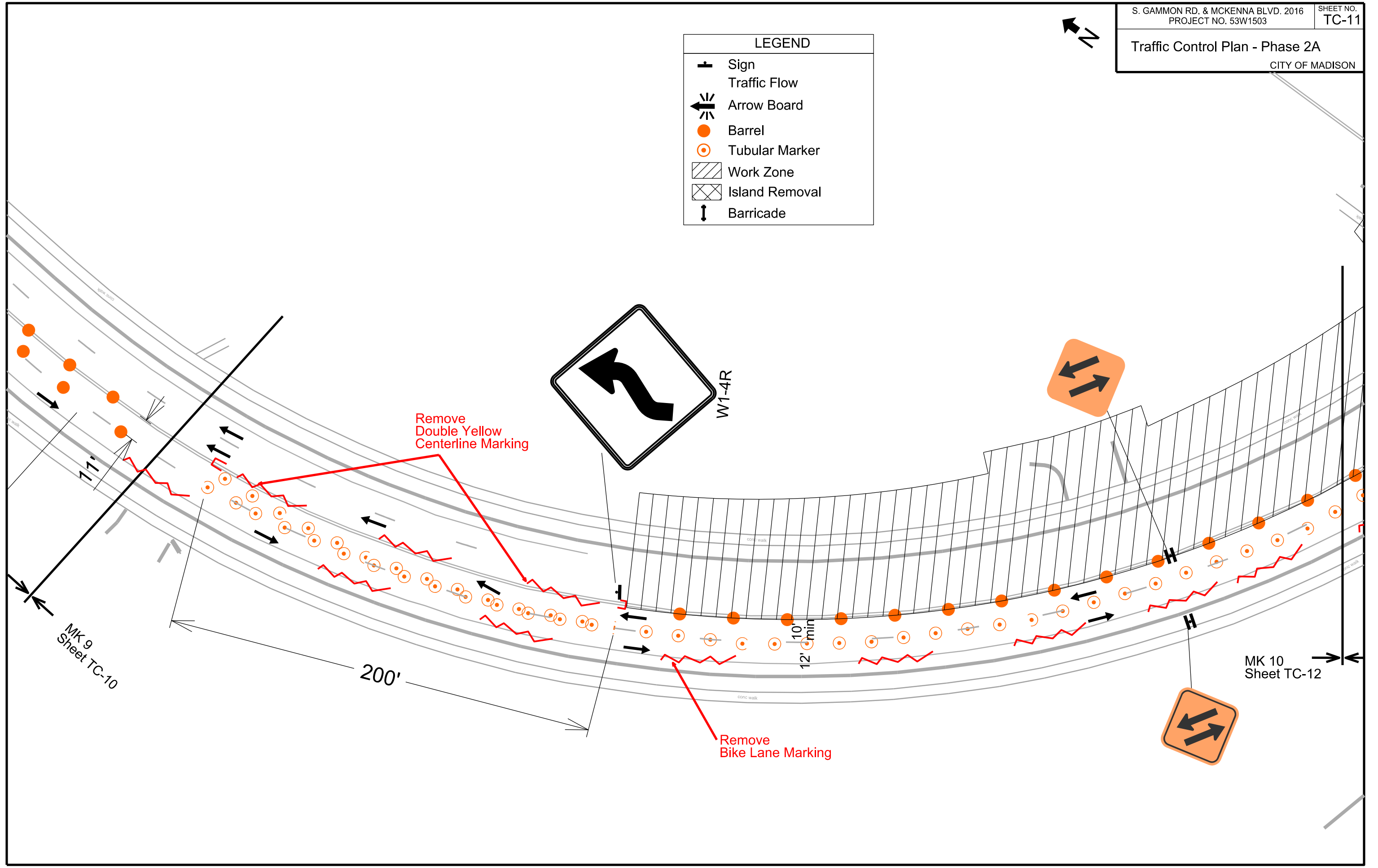


LEGEND	
	Sign
	Traffic Flow
	Arrow Board
	Barrel
	Tubular Marker
	Work Zone
	Island Removal
	Barricade

LEGEND	
	Sign
	Traffic Flow
	Arrow Board
	Barrel
	Tubular Marker
	Work Zone
	Island Removal
	Barricade



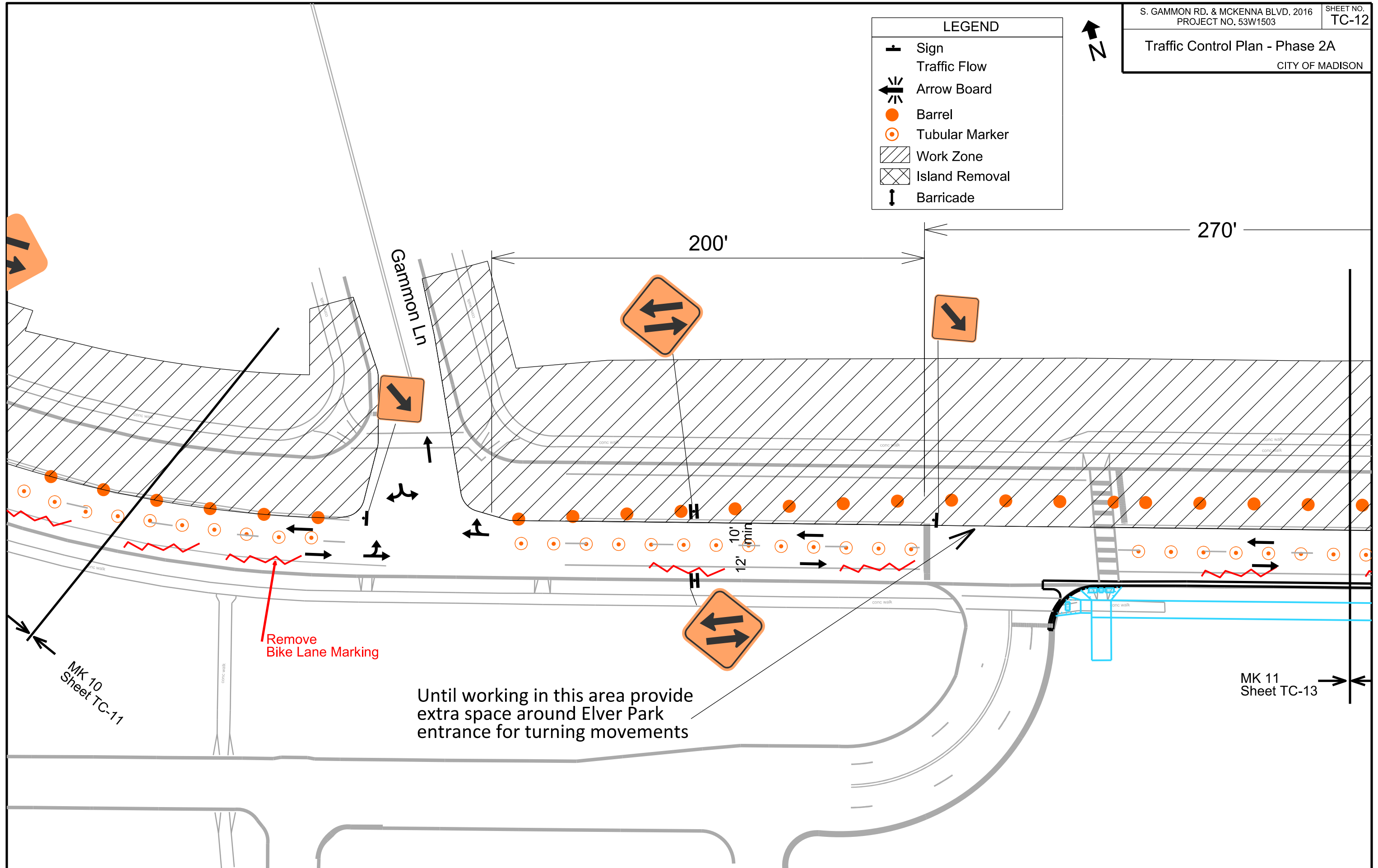
PLOT SCALE:
PLOT NAME:
REV. DATE:
ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.



LEGEND	
	Sign
	Traffic Flow
	Arrow Board
	Barrel
	Tubular Marker
	Work Zone
	Island Removal
	Barricade



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



Remove Bike Lane Marking

Until working in this area provide extra space around Elver Park entrance for turning movements

MK 10 Sheet TC-11

MK 11 Sheet TC-13

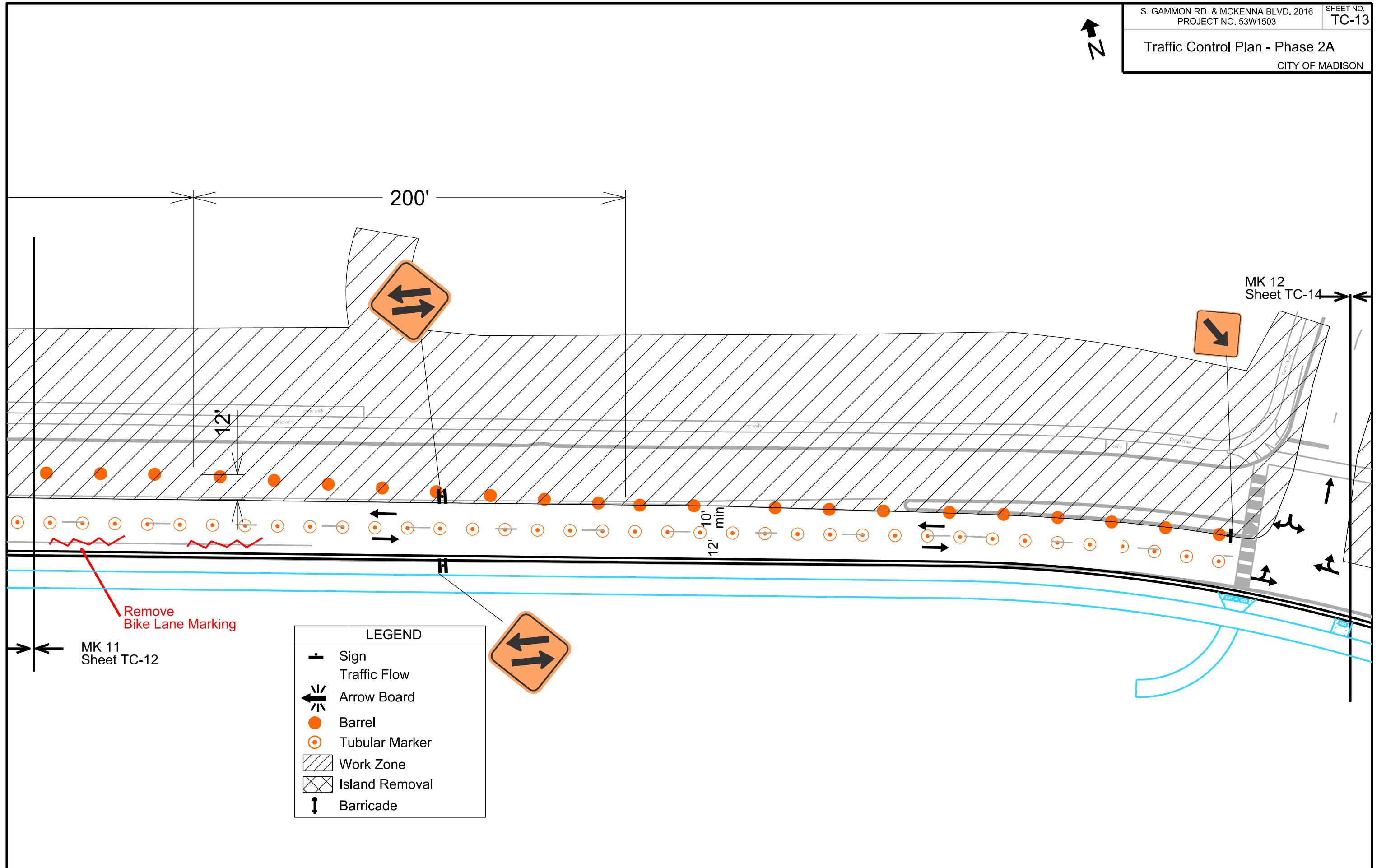


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REV. DATE:

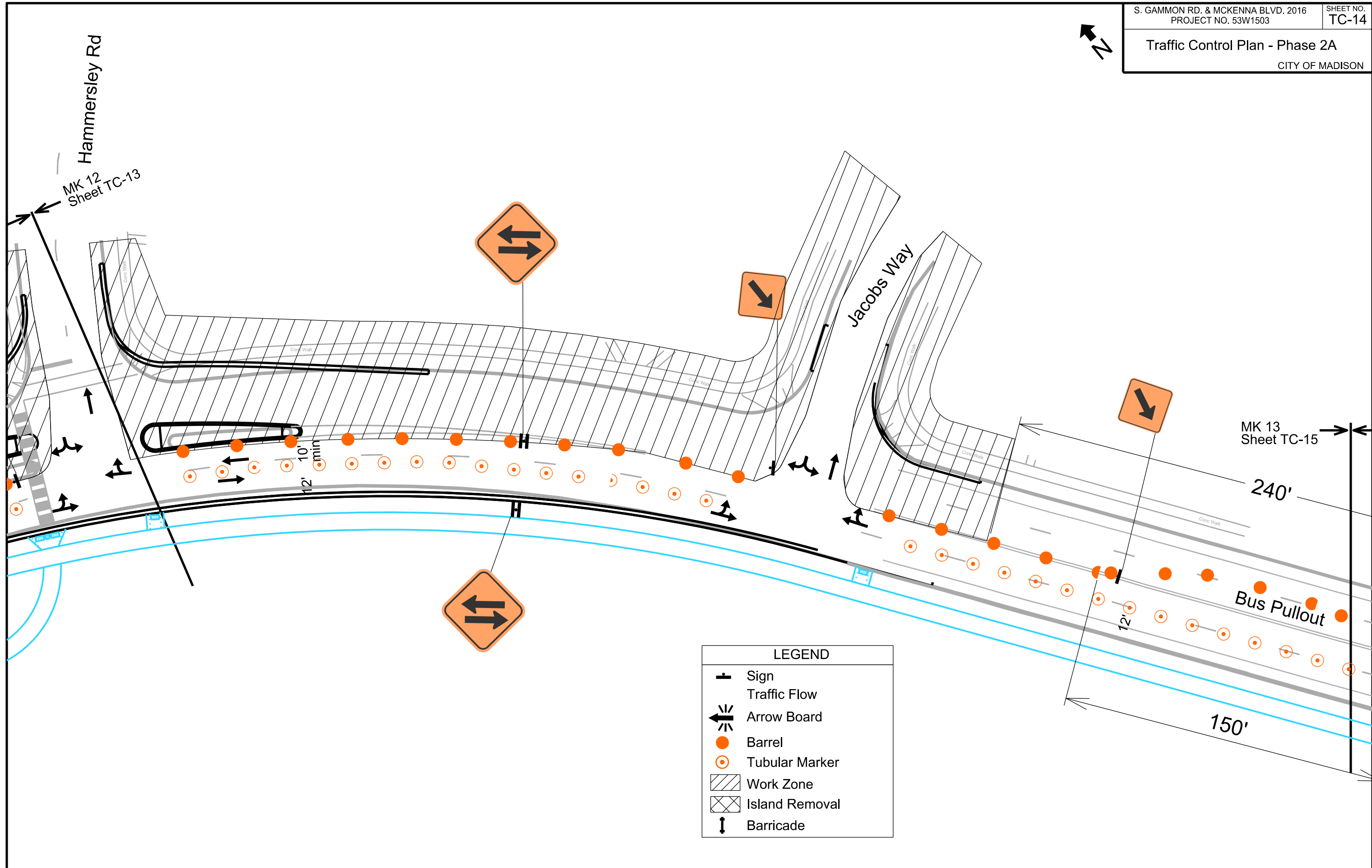
ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.



LEGEND	
	Sign
	Traffic Flow
	Arrow Board
	Barrel
	Tubular Marker
	Work Zone
	Island Removal
	Barricade



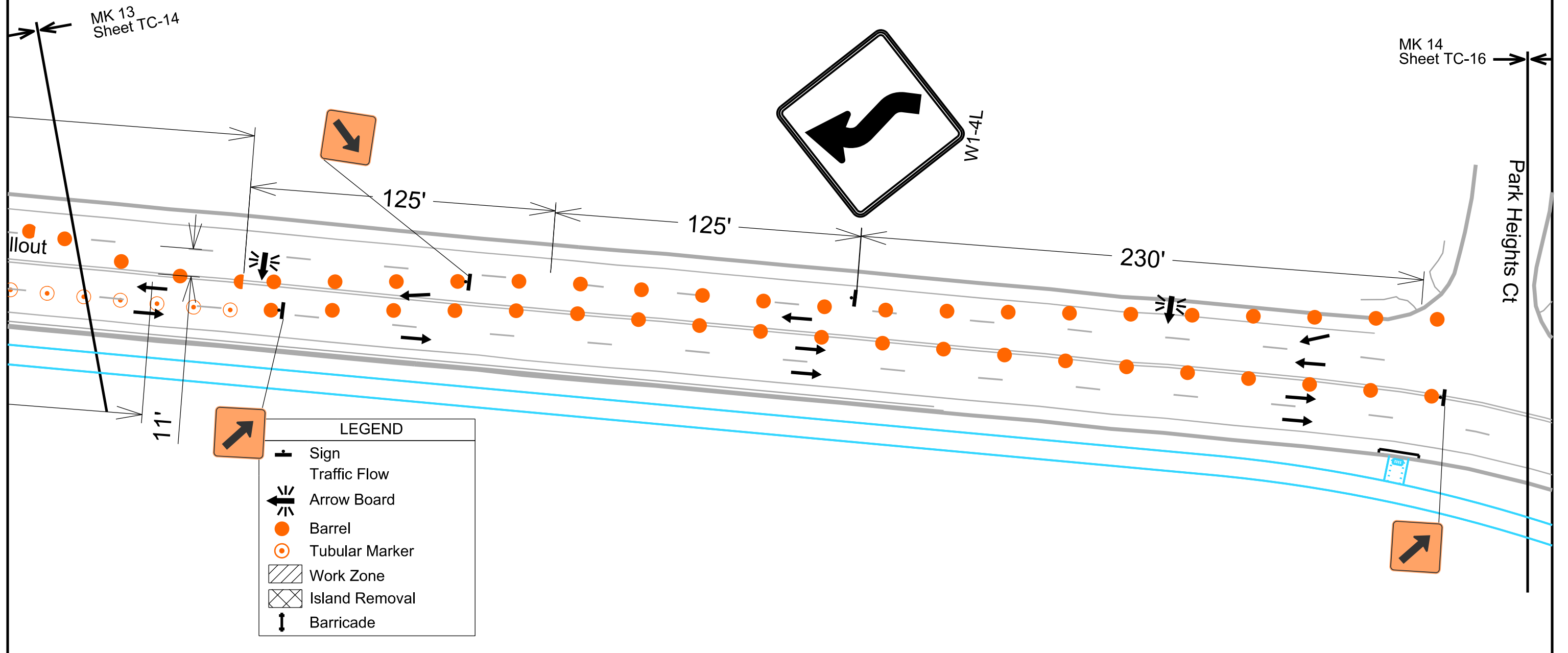
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REV. DATE:
ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.



LEGEND	
	Sign
	Traffic Flow
	Arrow Board
	Barrel
	Tubular Marker
	Work Zone
	Island Removal
	Barricade



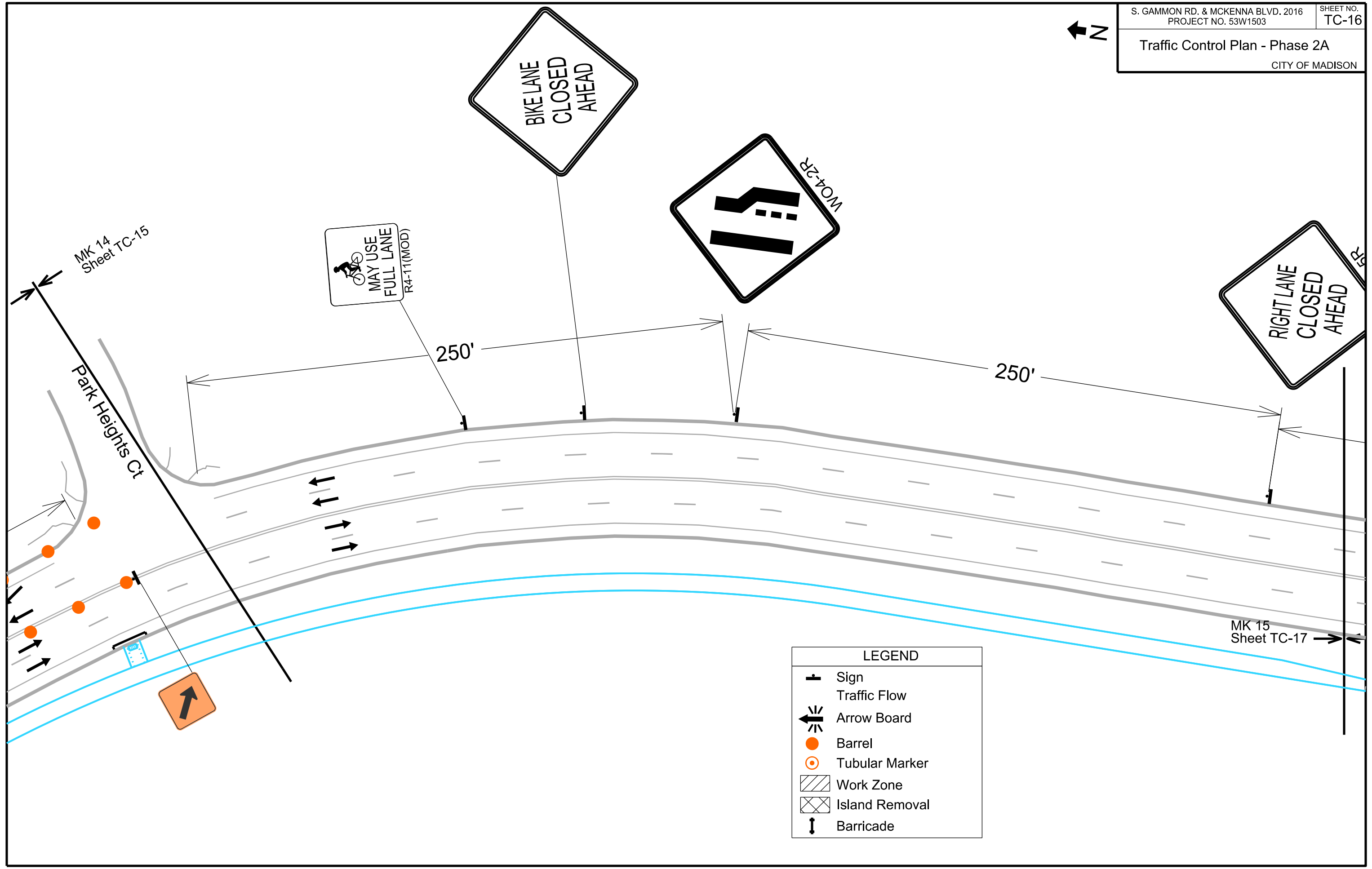
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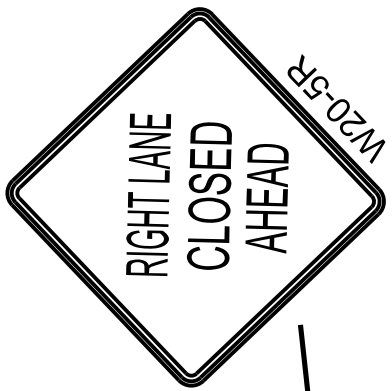
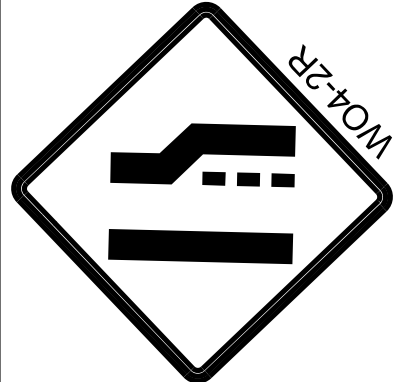
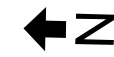
LEGEND	
	Sign
	Traffic Flow
	Arrow Board
	Barrel
	Tubular Marker
	Work Zone
	Island Removal
	Barricade



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



LEGEND	
	Sign
	Traffic Flow
	Arrow Board
	Barrel
	Tubular Marker
	Work Zone
	Island Removal
	Barricade



250'

250'

MK 15
Sheet TC-17

MK 15
Sheet TC-16

LEGEND

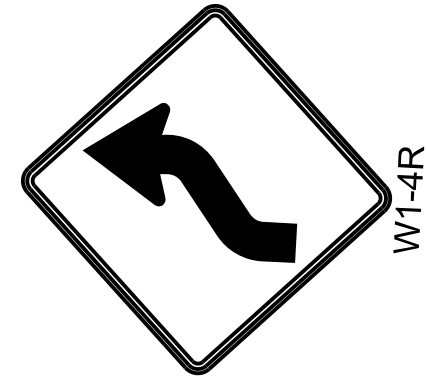
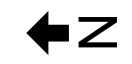
- Sign
- Traffic Flow
- Arrow Board
- Barrel
- Tubular Marker
- Work Zone
- Island Removal
- Barricade

LEGEND

- Sign
- Traffic Flow
- Arrow Board
- Barrel
- Tubular Marker
- Work Zone
- Island Removal
- Barricade

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

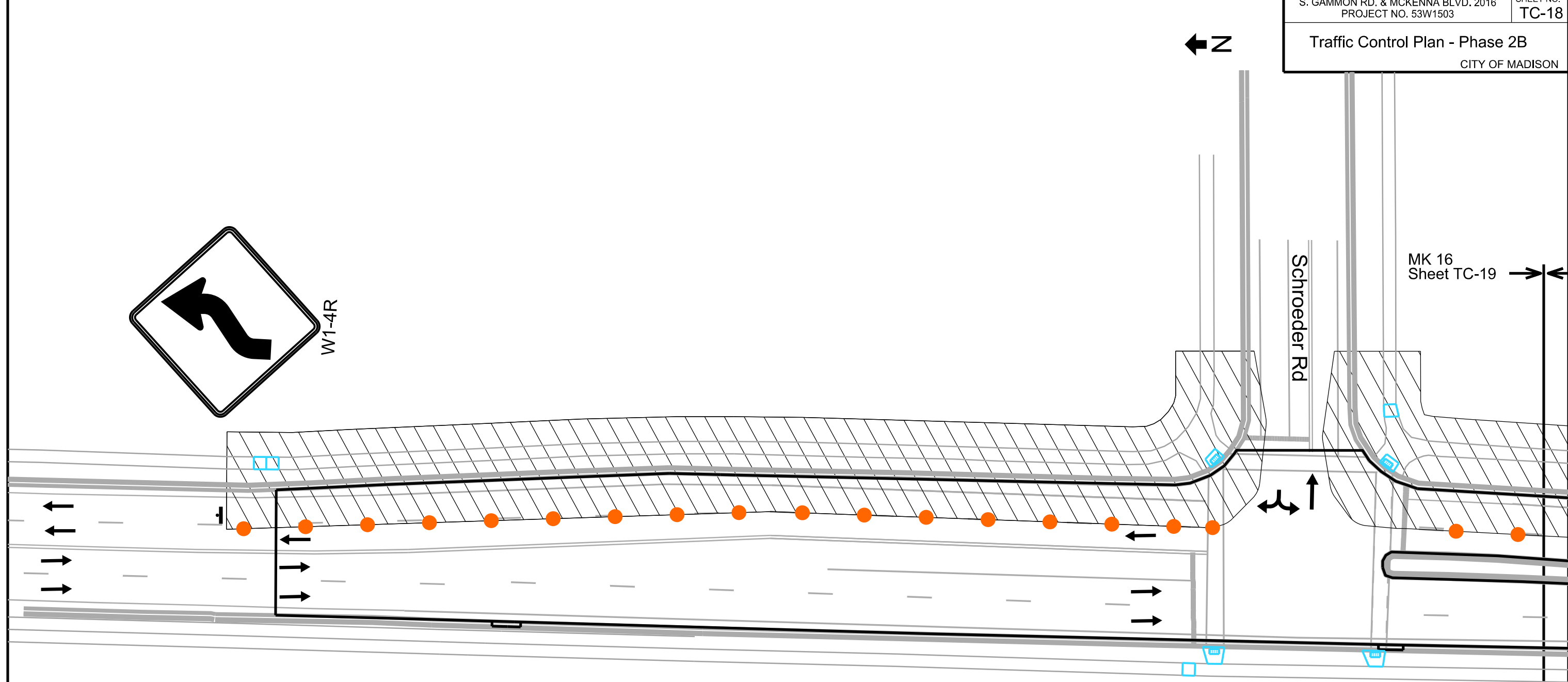
Traffic Control Plan - Phase 2B
CITY OF MADISON



W1-4R

Schroeder Rd

MK 16
Sheet TC-19

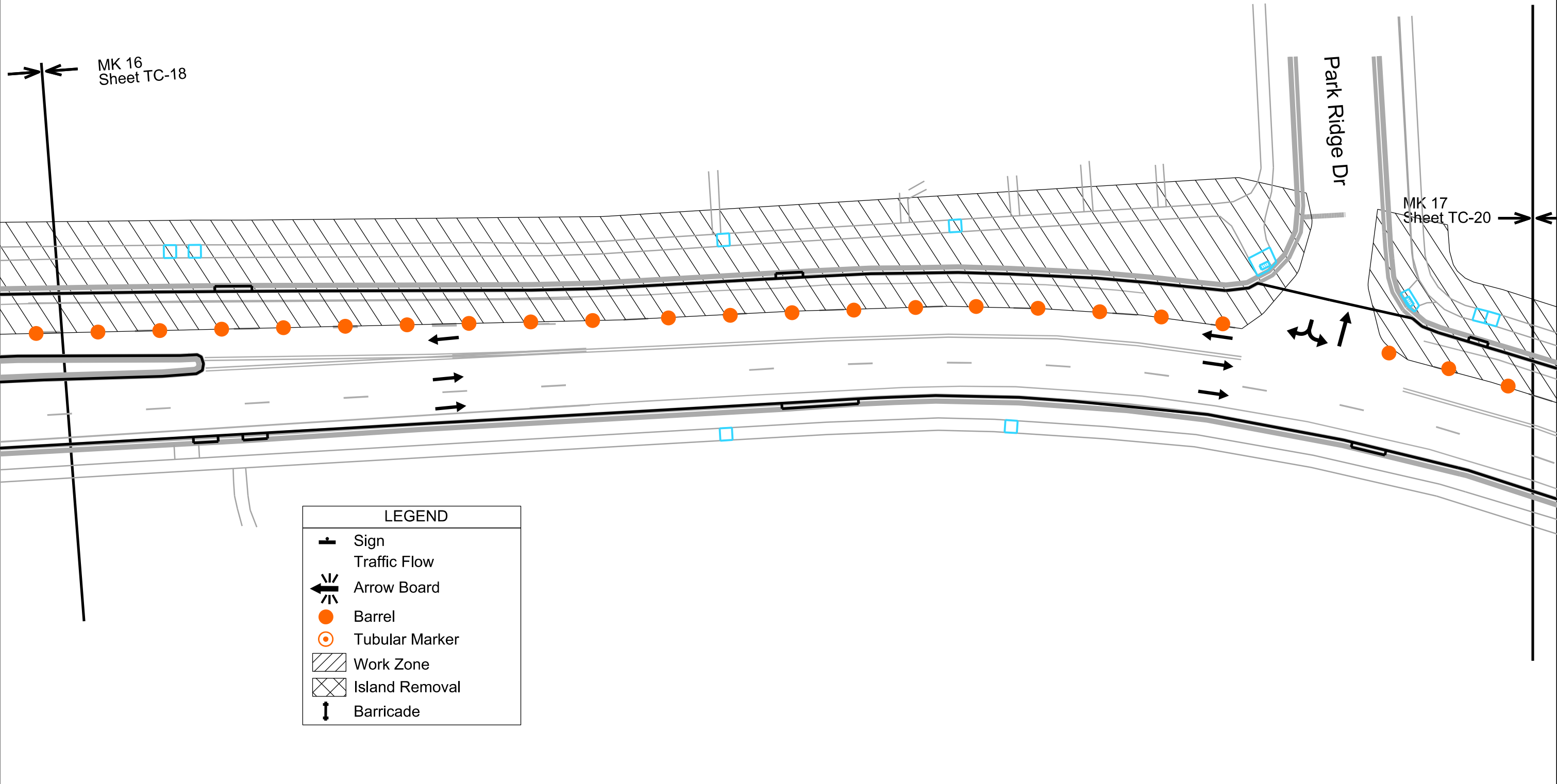


LEGEND	
	Sign
	Traffic Flow
	Arrow Board
	Barrel
	Tubular Marker
	Work Zone
	Island Removal
	Barricade

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
	Tubular Marker
	Work Zone
	Island Removal
	Barricade

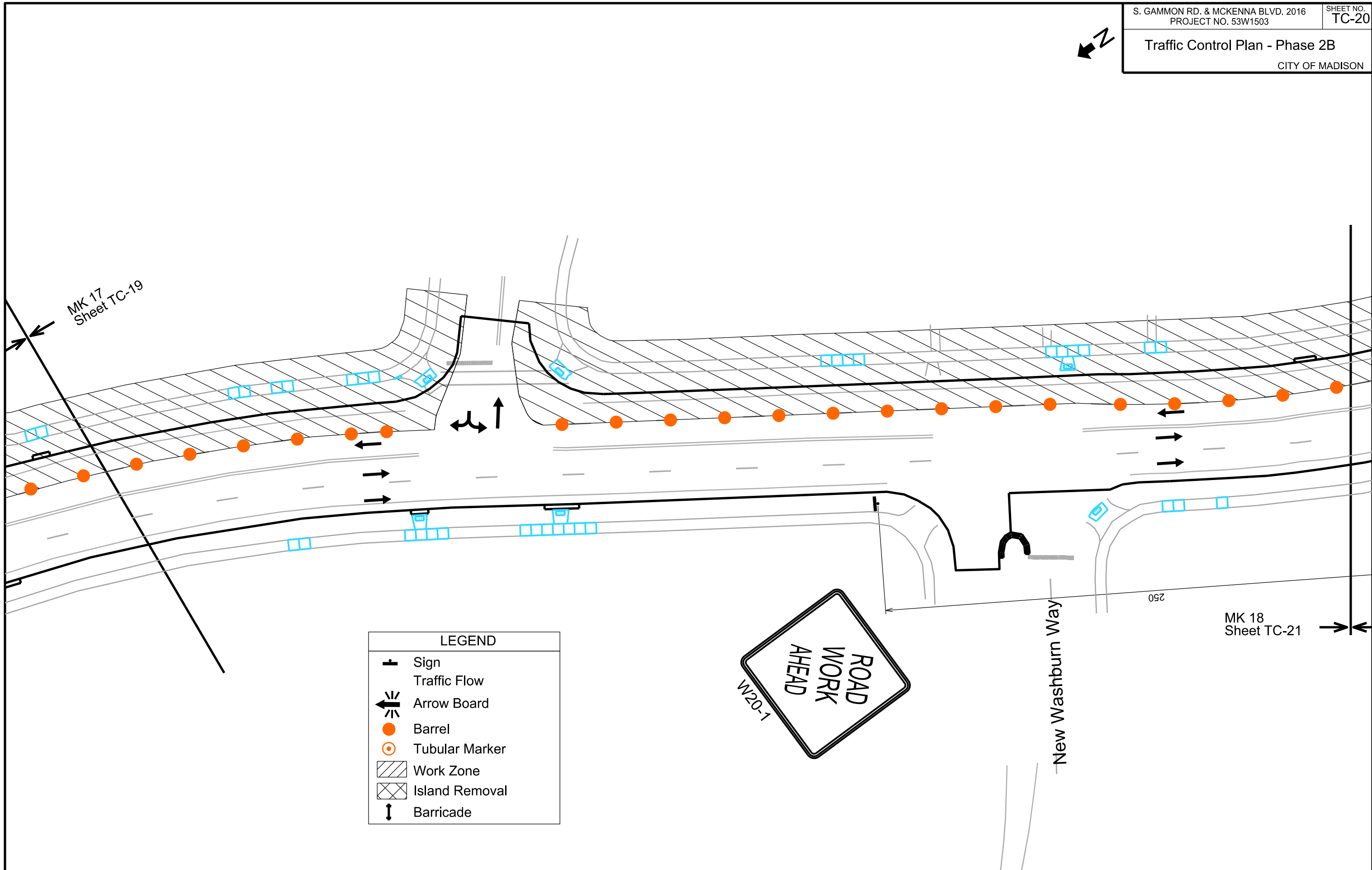


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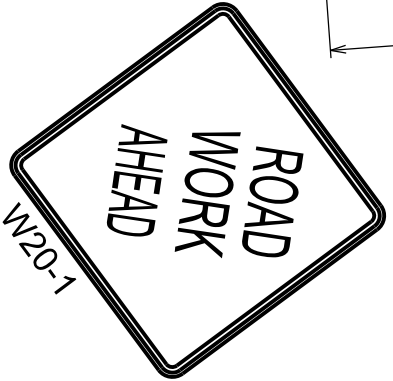
PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.

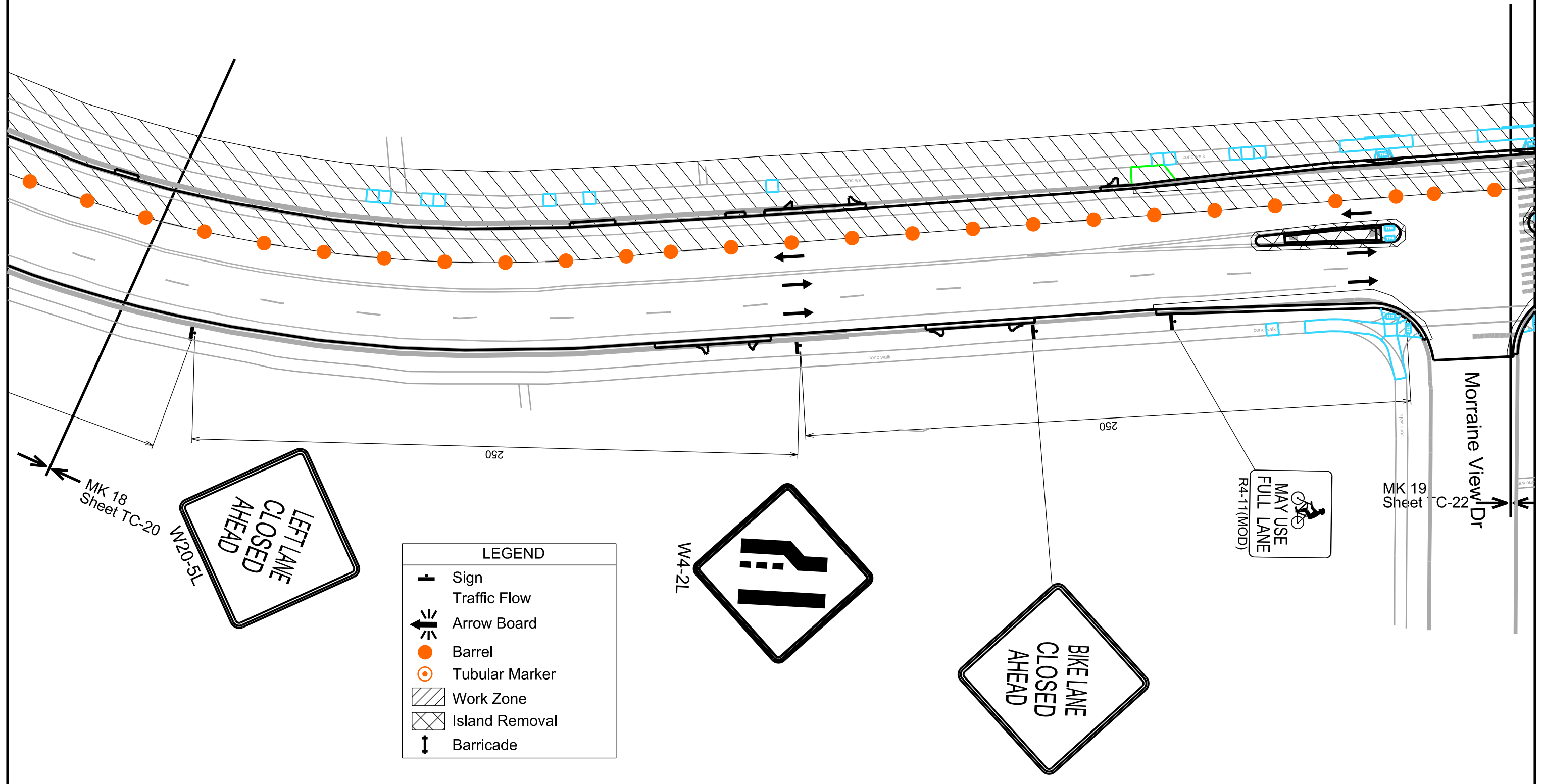


LEGEND	
	Sign
	Traffic Flow
	Arrow Board
	Barrel
	Tubular Marker
	Work Zone
	Island Removal
	Barricade





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



LEGEND	
	Sign
	Traffic Flow
	Arrow Board
	Barrel
	Tubular Marker
	Work Zone
	Island Removal
	Barricade

W20-5L
 LEFT LANE
 CLOSED
 AHEAD

W4-2L

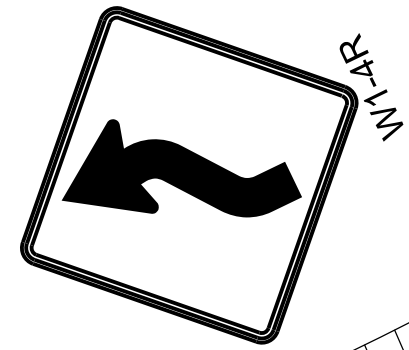
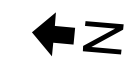
BIKE LANE
 CLOSED
 AHEAD

R4-11(MOD)
 MAY USE
 FULL LANE

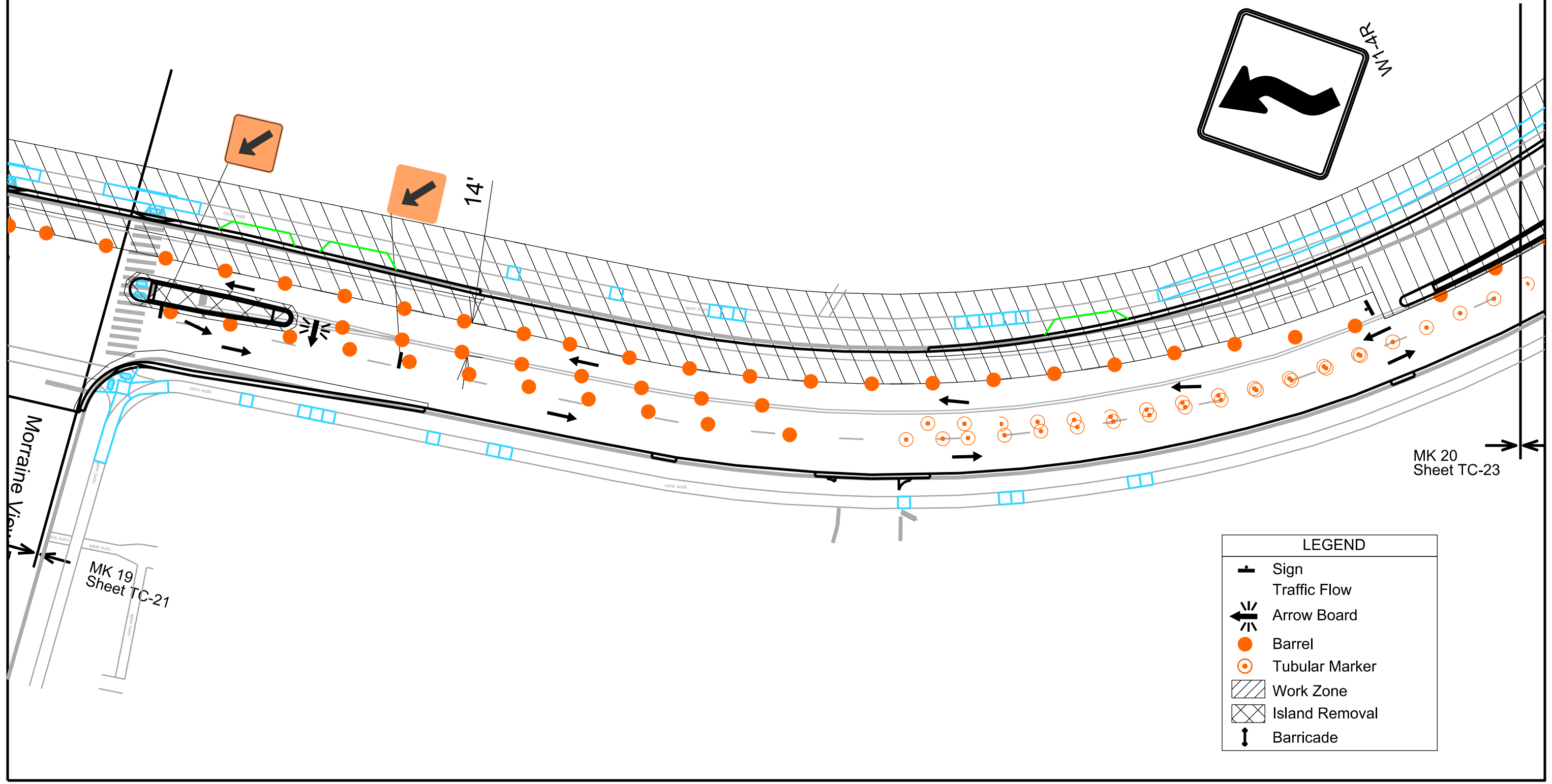
MK 19
 Sheet C-22
 Moraine View Dr

MK 18
 Sheet TC-20

Traffic Control Plan - Phase 2B
CITY OF MADISON

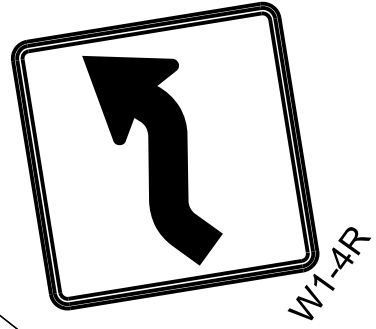


PLOT SCALE:
PLOT NAME:
REV. DATE:
ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.



LEGEND	
+	Sign
→	Traffic Flow
←	Arrow Board
●	Barrel
○	Tubular Marker
▨	Work Zone
▩	Island Removal
↑	Barricade

Traffic Control Plan - Phase 2B
 CITY OF MADISON



W1-4R

PLOT SCALE:

PLOT NAME:

REV. DATE:

MK 20
Sheet TC-22

12' 10" min

Gammon Ln

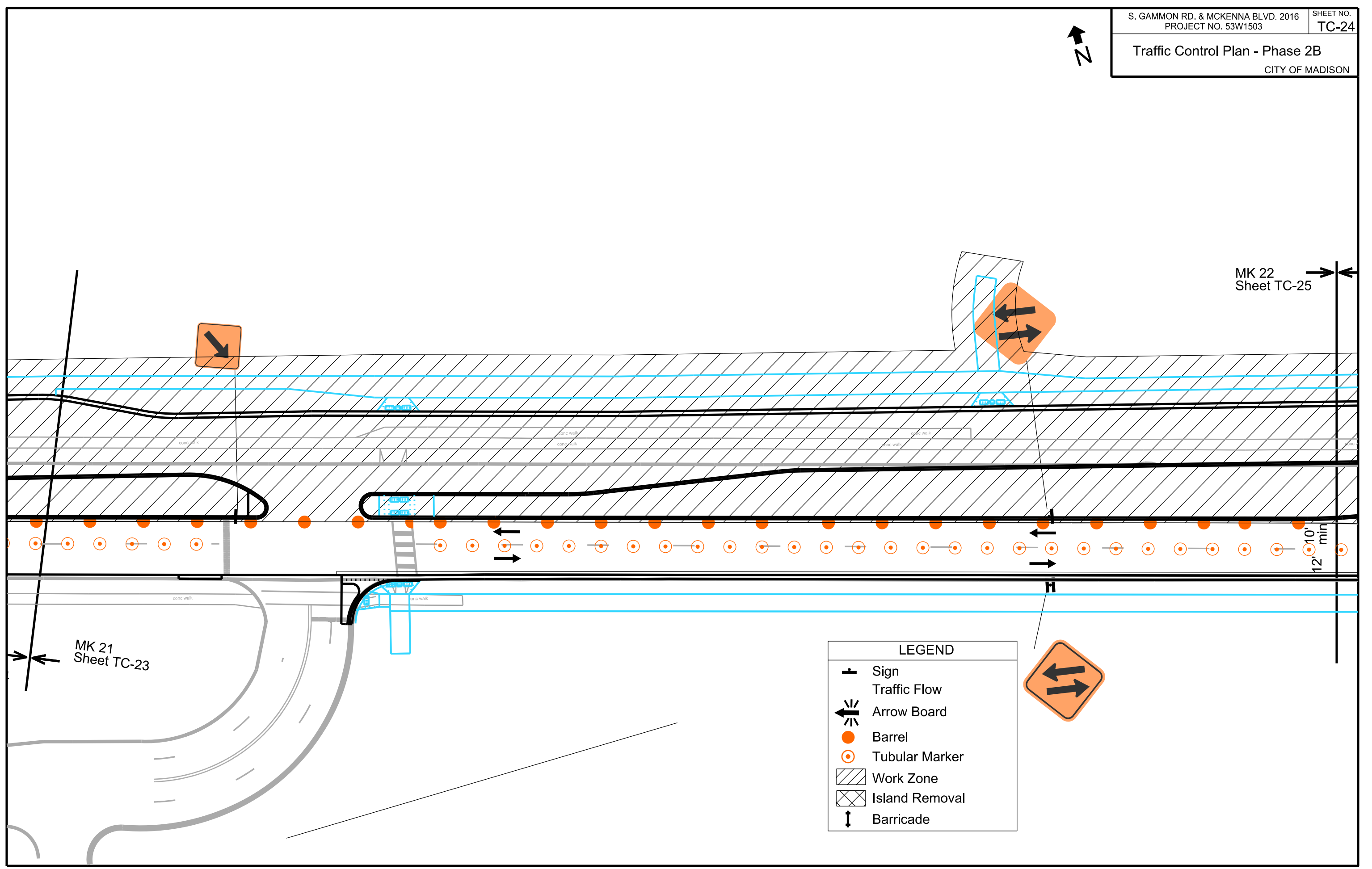
MK 21
Sheet TC-24

LEGEND	
	Sign
	Traffic Flow
	Arrow Board
	Barrel
	Tubular Marker
	Work Zone
	Island Removal
	Barricade

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.



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

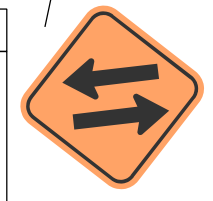


MK 22
 Sheet TC-25

MK 21
 Sheet TC-23

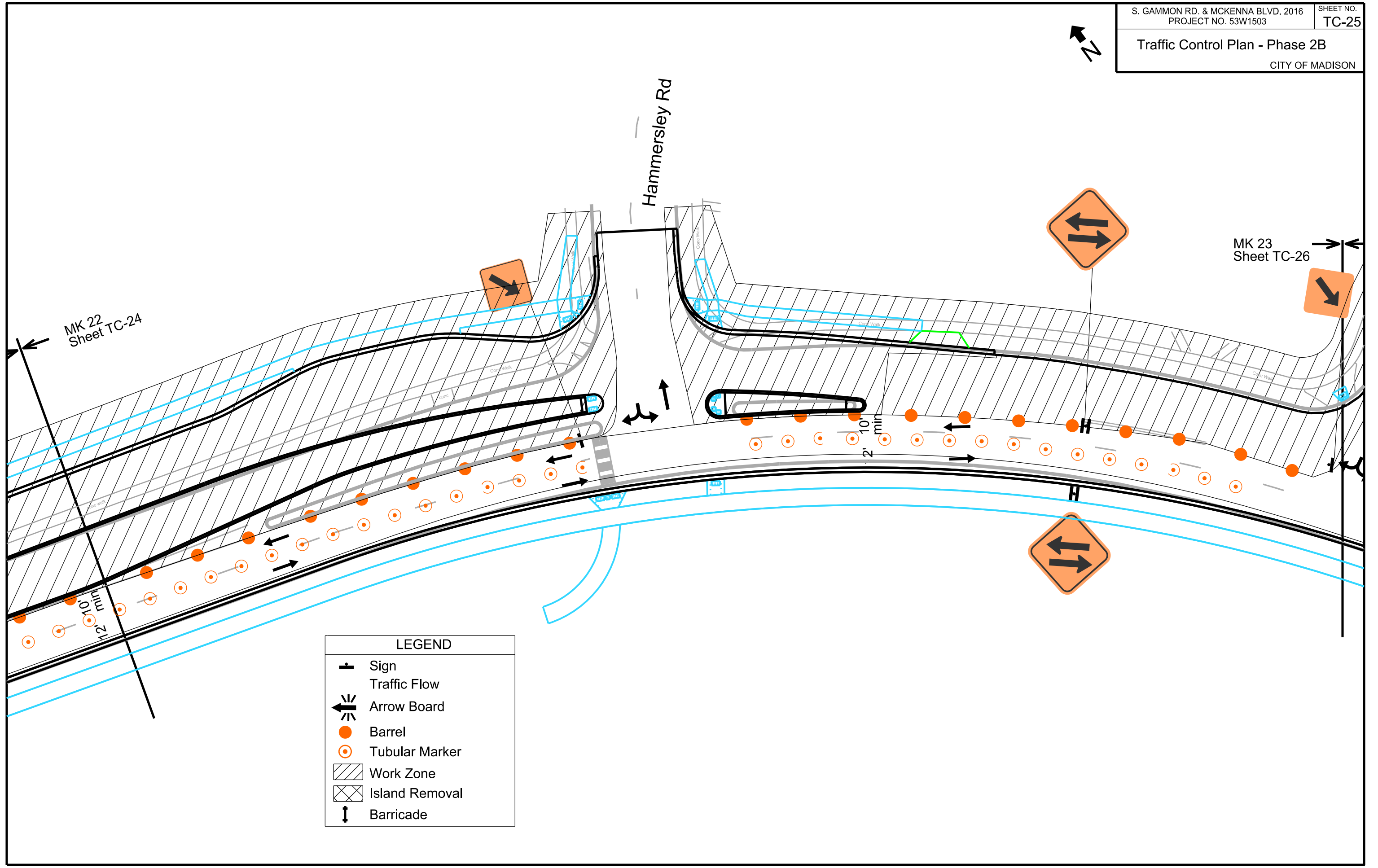
12' min
 10'

LEGEND	
	Sign
	Traffic Flow
	Arrow Board
	Barrel
	Tubular Marker
	Work Zone
	Island Removal
	Barricade





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



MK 22
 Sheet TC-24

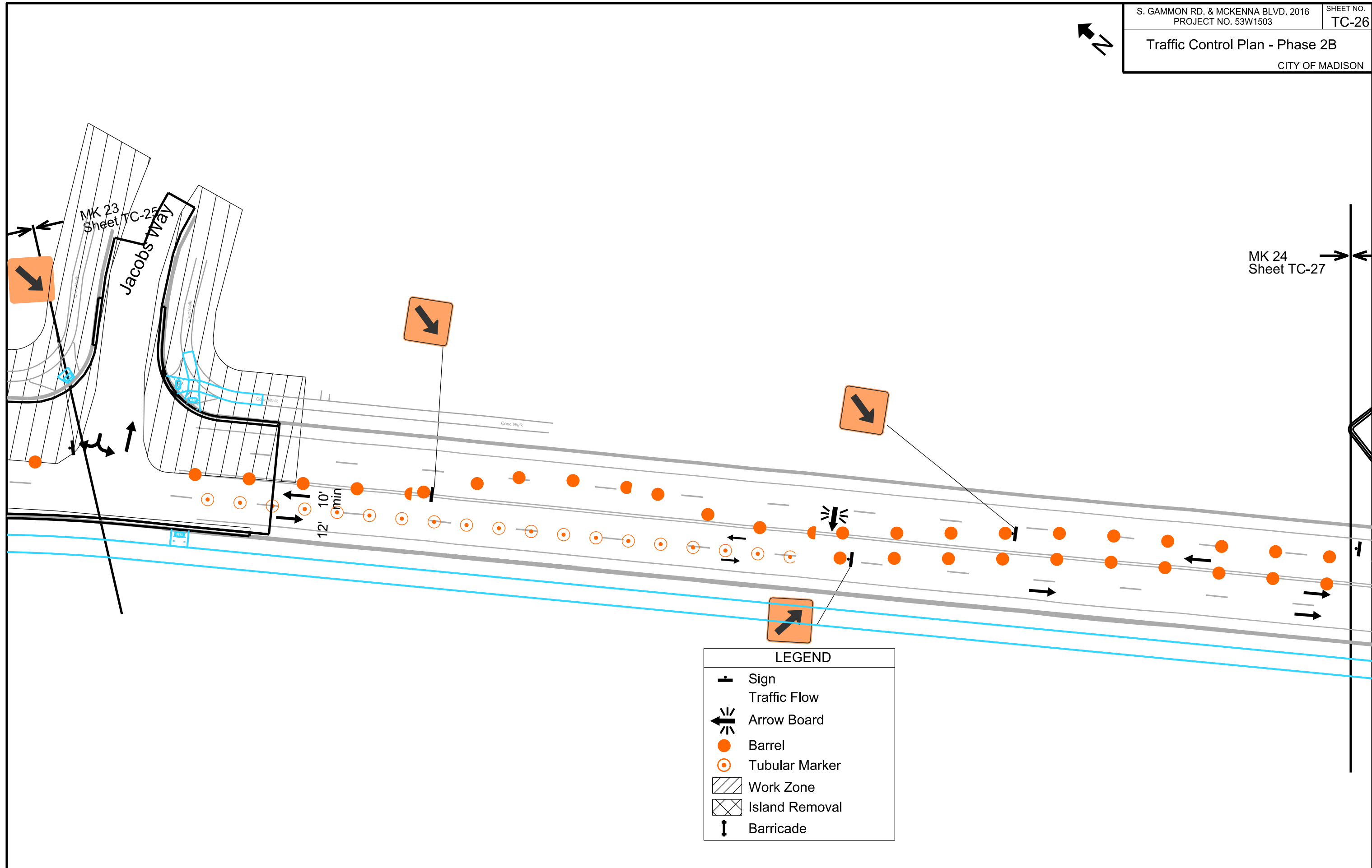
MK 23
 Sheet TC-26

Hammersley Rd

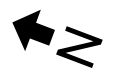
LEGEND	
	Sign
	Traffic Flow
	Arrow Board
	Barrel
	Tubular Marker
	Work Zone
	Island Removal
	Barricade



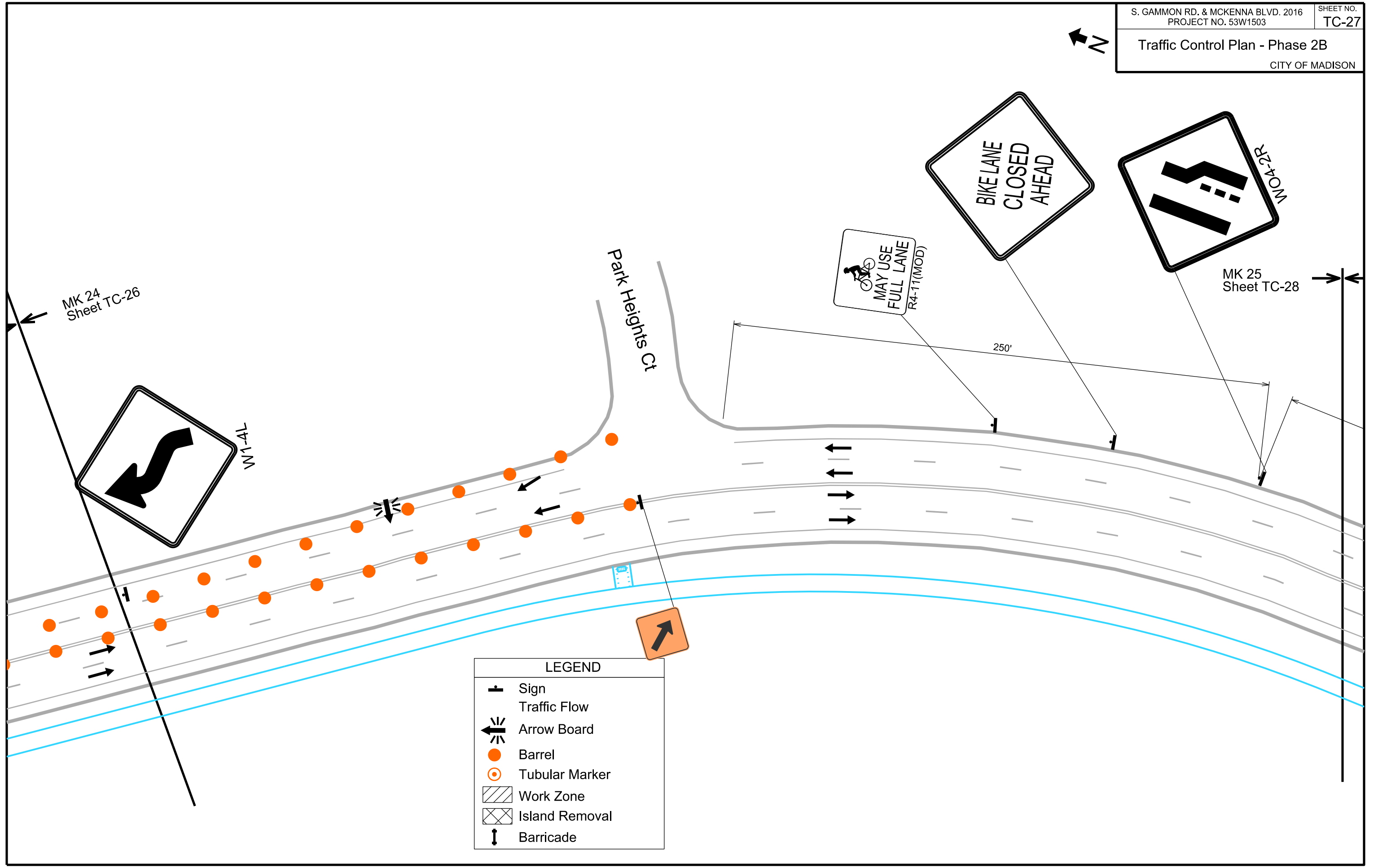
PLOT SCALE:
PLOT NAME:
REV. DATE:
ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.



LEGEND	
	Sign
	Traffic Flow
	Arrow Board
	Barrel
	Tubular Marker
	Work Zone
	Island Removal
	Barricade



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



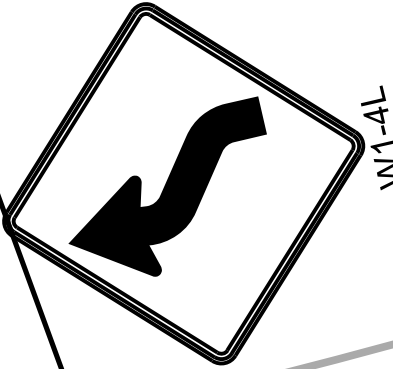
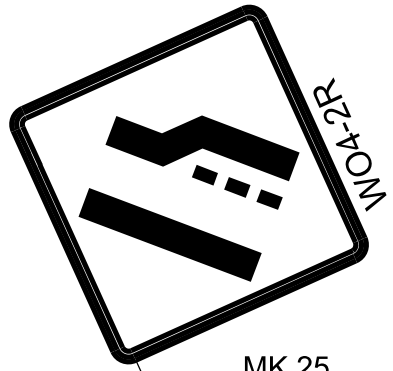
MK 24
Sheet TC-26

MK 25
Sheet TC-28

Park Heights Ct

BIKE LANE
CLOSED
AHEAD

MAY USE
FULL LANE
R4-11(MOD)



W11-4L

250'

LEGEND	
	Sign
	Traffic Flow
	Arrow Board
	Barrel
	Tubular Marker
	Work Zone
	Island Removal
	Barricade



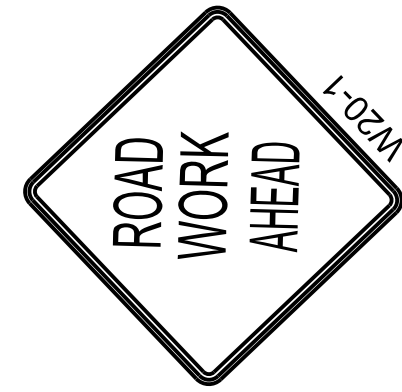
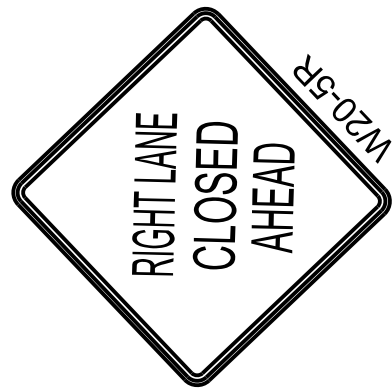
PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.

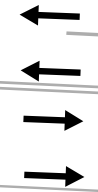
MK 25
Sheet TC-27



250'

250'

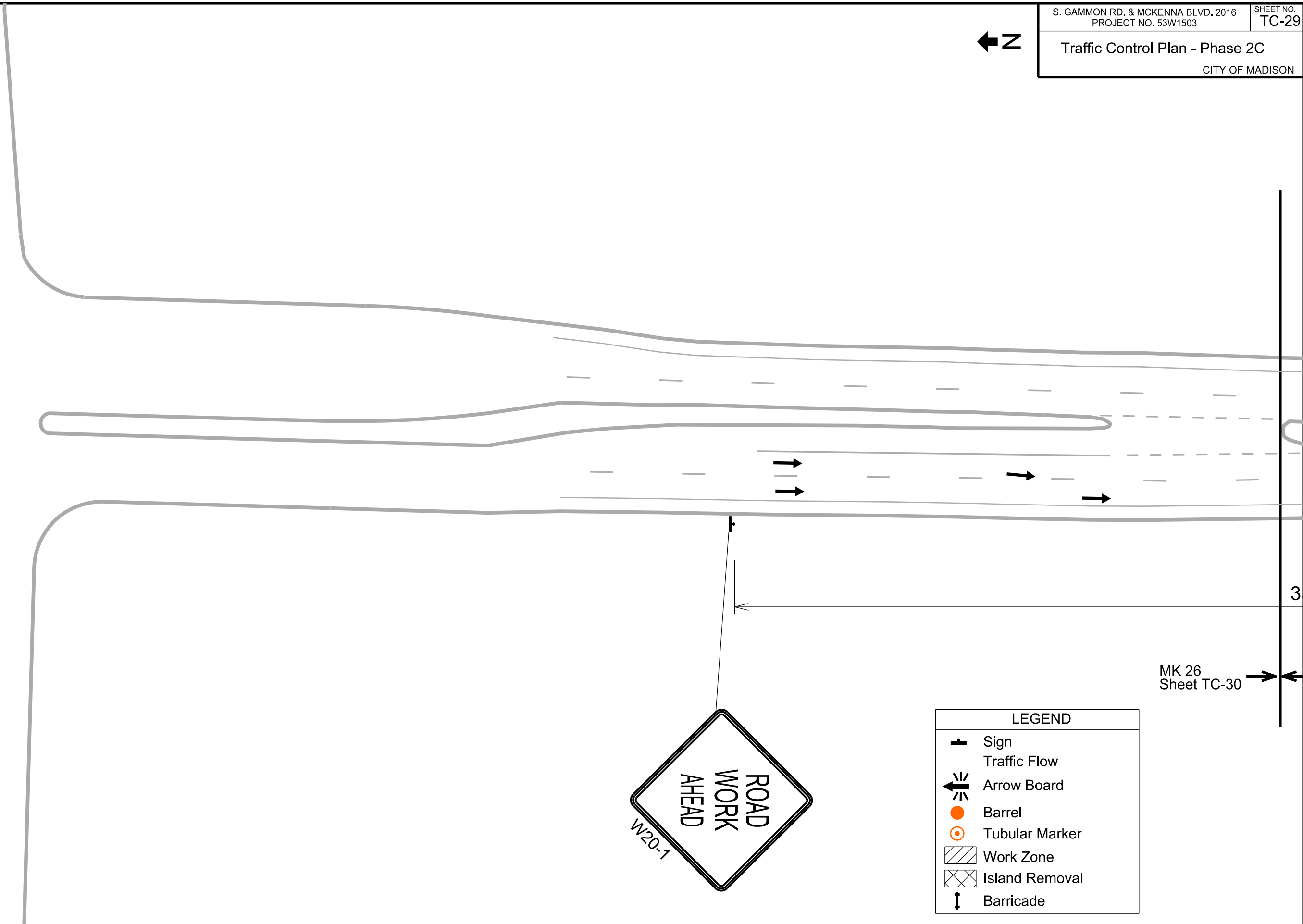
Brittany PI



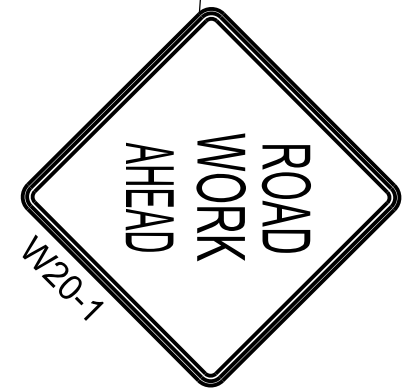
LEGEND	
	Sign
	Traffic Flow
	Arrow Board
	Barrel
	Tubular Marker
	Work Zone
	Island Removal
	Barricade



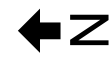
Watts Rd



LEGEND	
	Sign
	Traffic Flow
	Arrow Board
	Barrel
	Tubular Marker
	Work Zone
	Island Removal
	Barricade



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

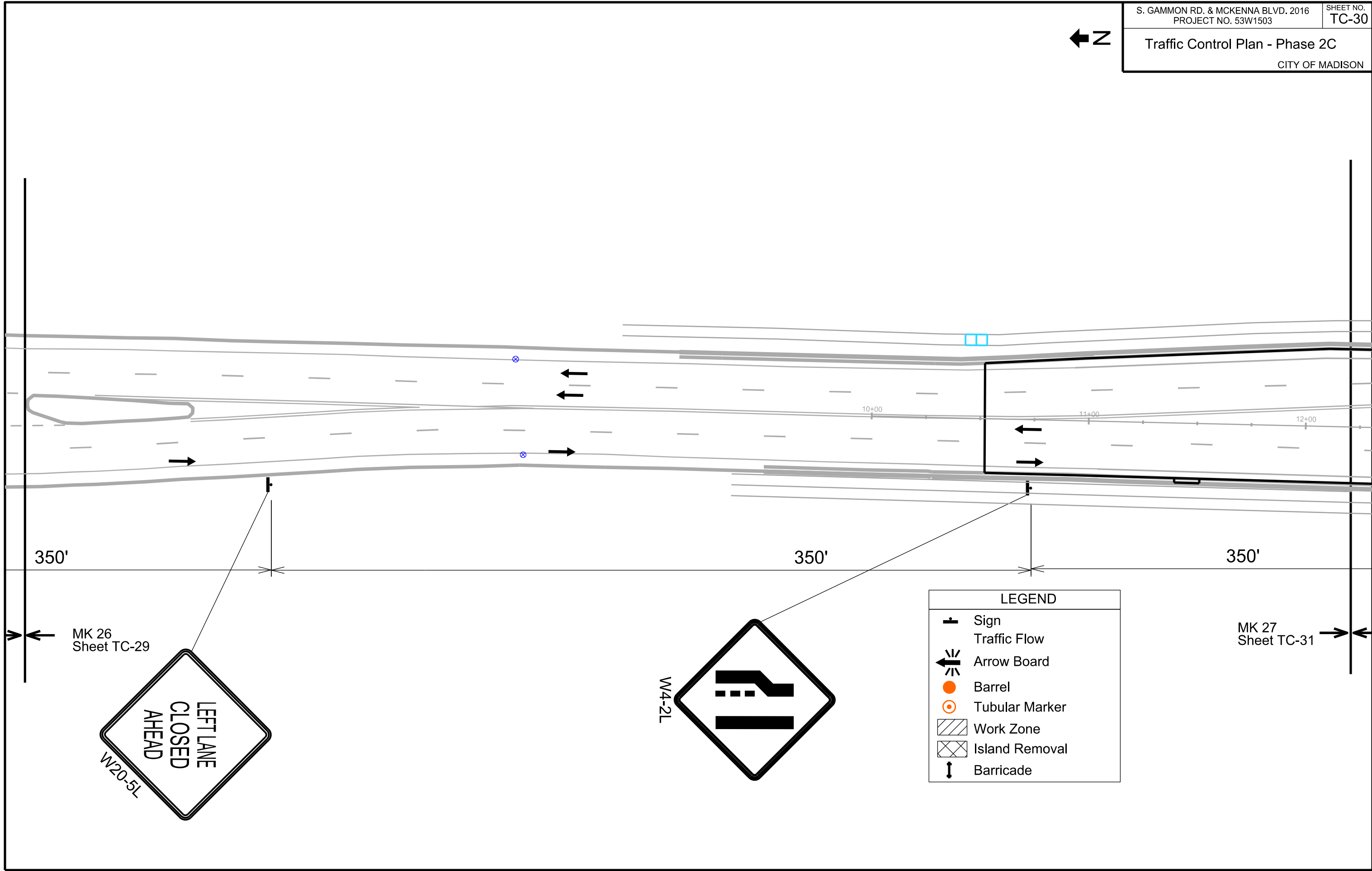


PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.



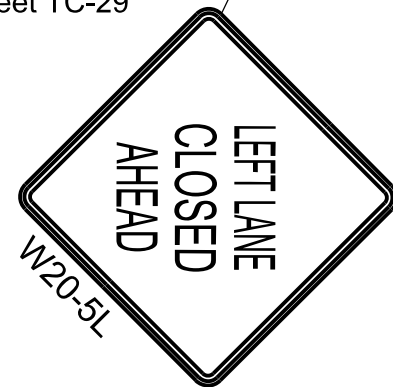
350'

350'

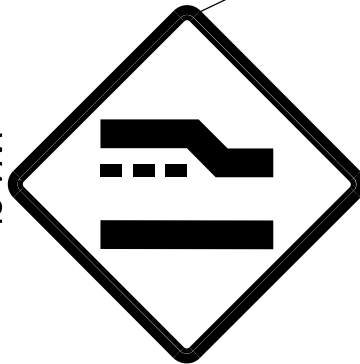
350'

MK 26
Sheet TC-29

MK 27
Sheet TC-31



W4-2L



LEGEND	
	Sign
	Traffic Flow
	Arrow Board
	Barrel
	Tubular Marker
	Work Zone
	Island Removal
	Barricade



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

Schroeder Rd

MK 28
Sheet TC-32

13+00

14+00

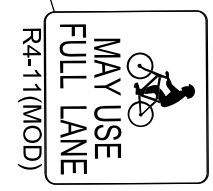
15+00

16+00

17+00

18+00

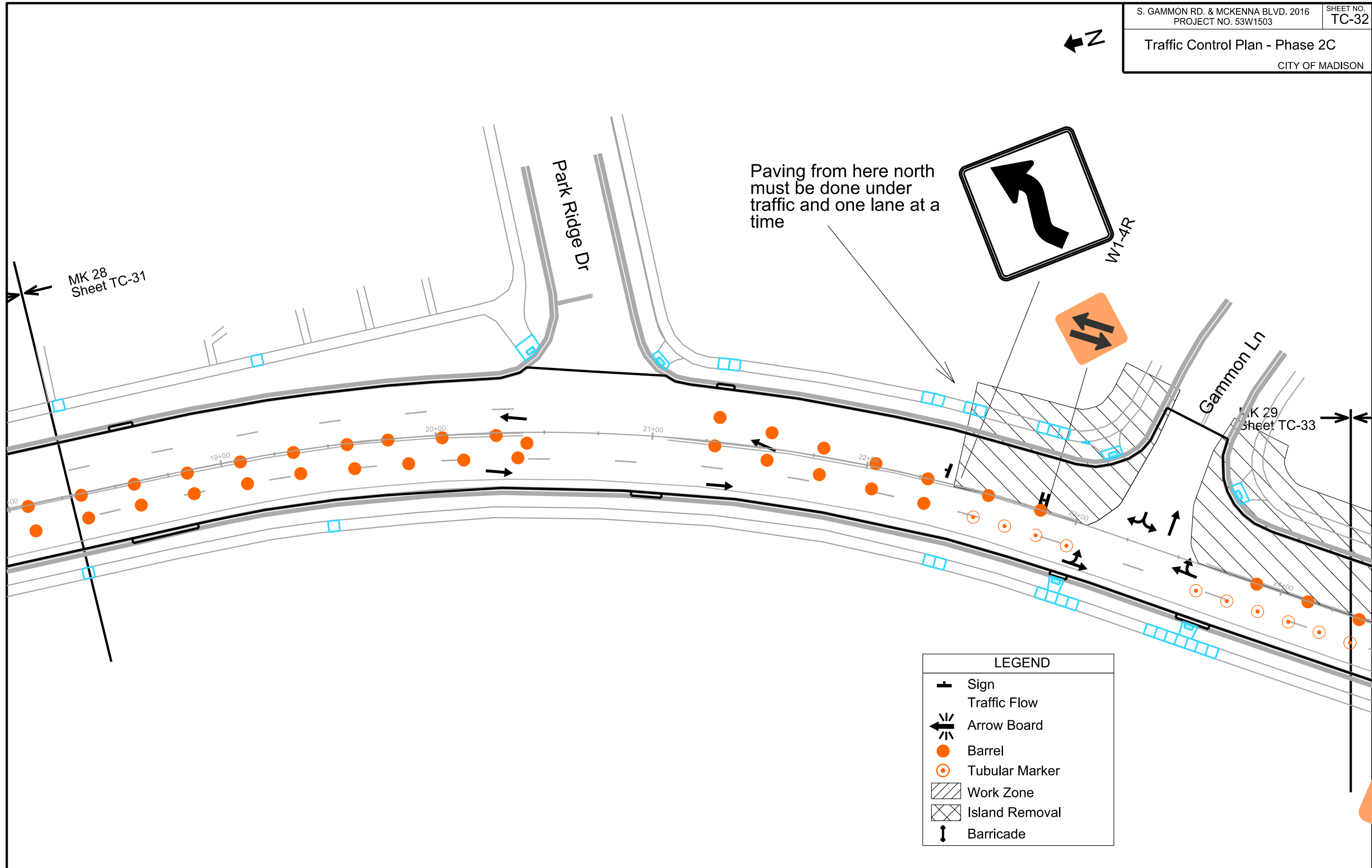
MK 27
Sheet TC-30



LEGEND	
	Sign
	Traffic Flow
	Arrow Board
	Barrel
	Tubular Marker
	Work Zone
	Island Removal
	Barricade



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



LEGEND	
	Sign
	Traffic Flow
	Arrow Board
	Barrel
	Tubular Marker
	Work Zone
	Island Removal
	Barricade

MK 28
Sheet TC-31

MK 29
Sheet TC-33

Paving from here north
must be done under
traffic and one lane at a
time

W1-4R

Gammon Ln

Park Ridge Dr

19+00

20+00

21+00

22+00

23+00

24+00

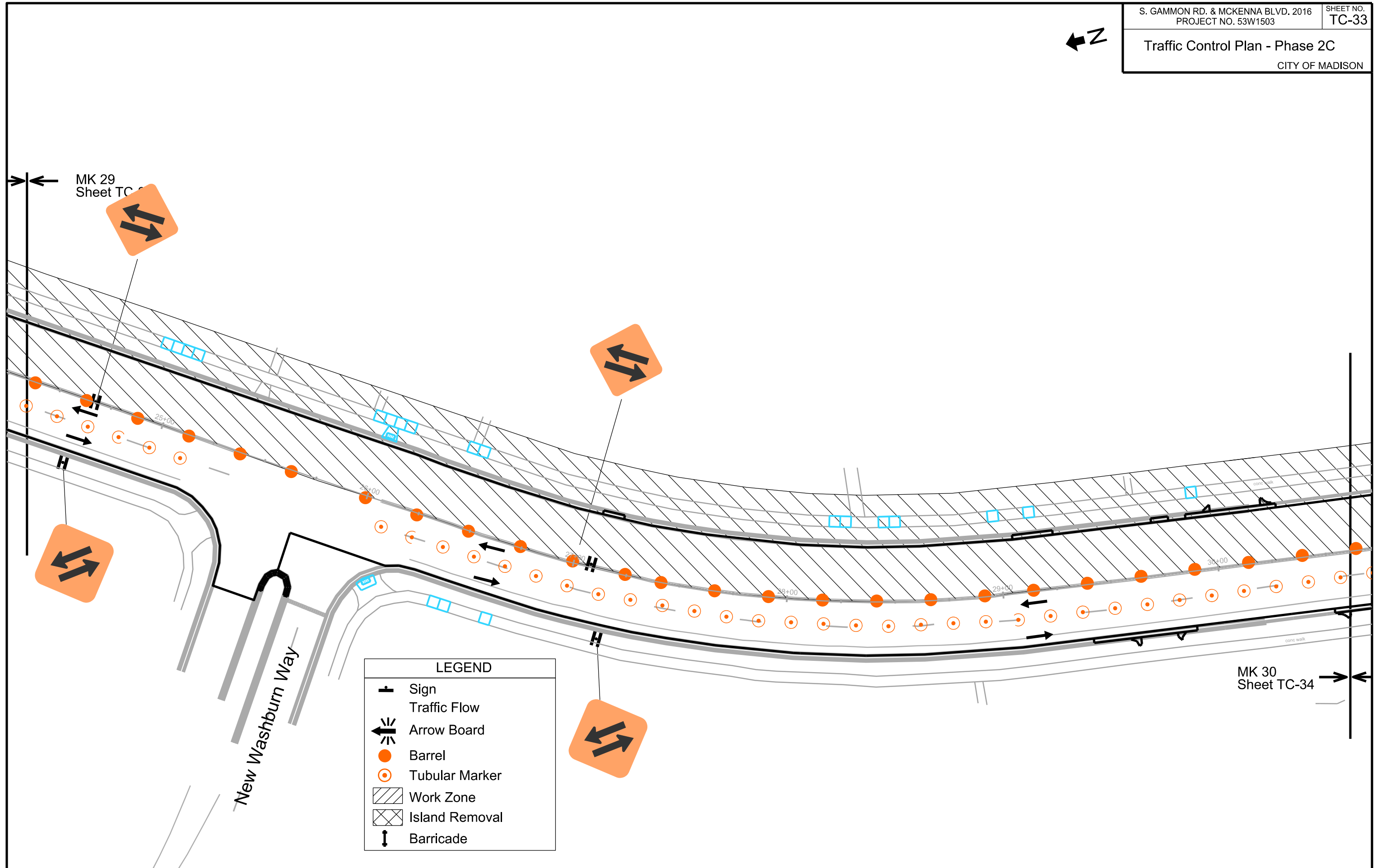


PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.



LEGEND	
	Sign
	Traffic Flow
	Arrow Board
	Barrel
	Tubular Marker
	Work Zone
	Island Removal
	Barricade

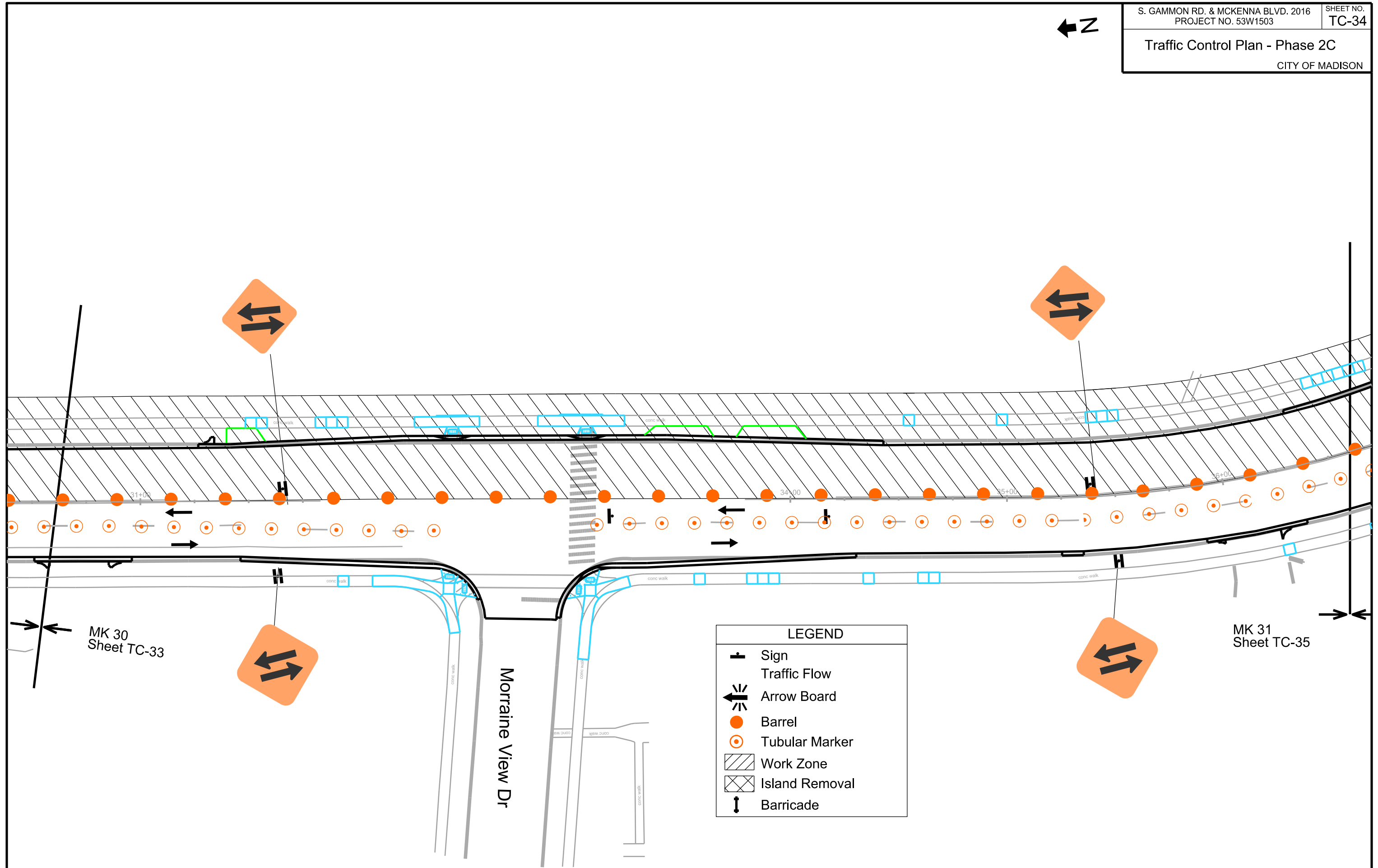


PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.

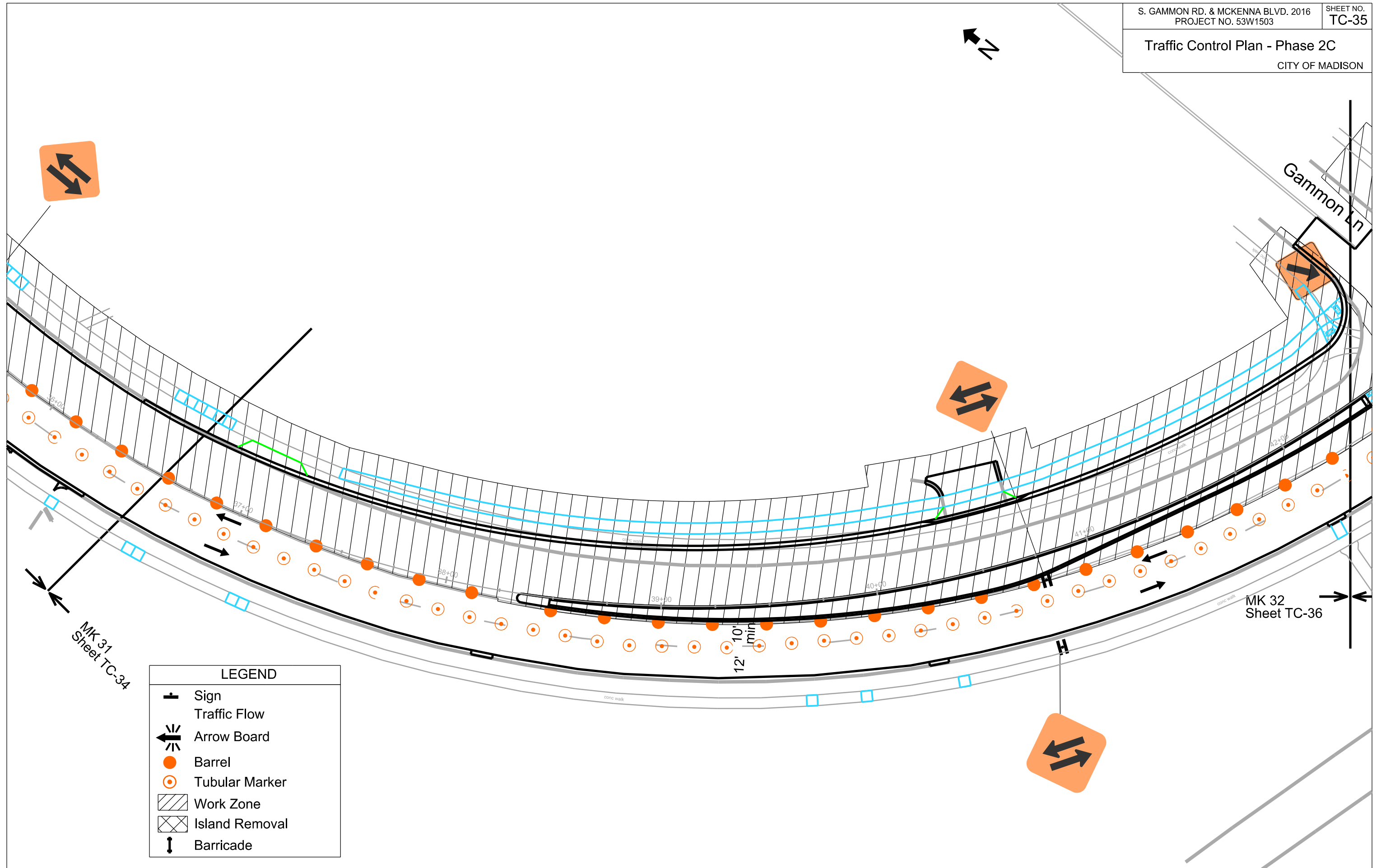


LEGEND	
	Sign
	Traffic Flow
	Arrow Board
	Barrel
	Tubular Marker
	Work Zone
	Island Removal
	Barricade

Traffic Control Plan - Phase 2C
CITY OF MADISON



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



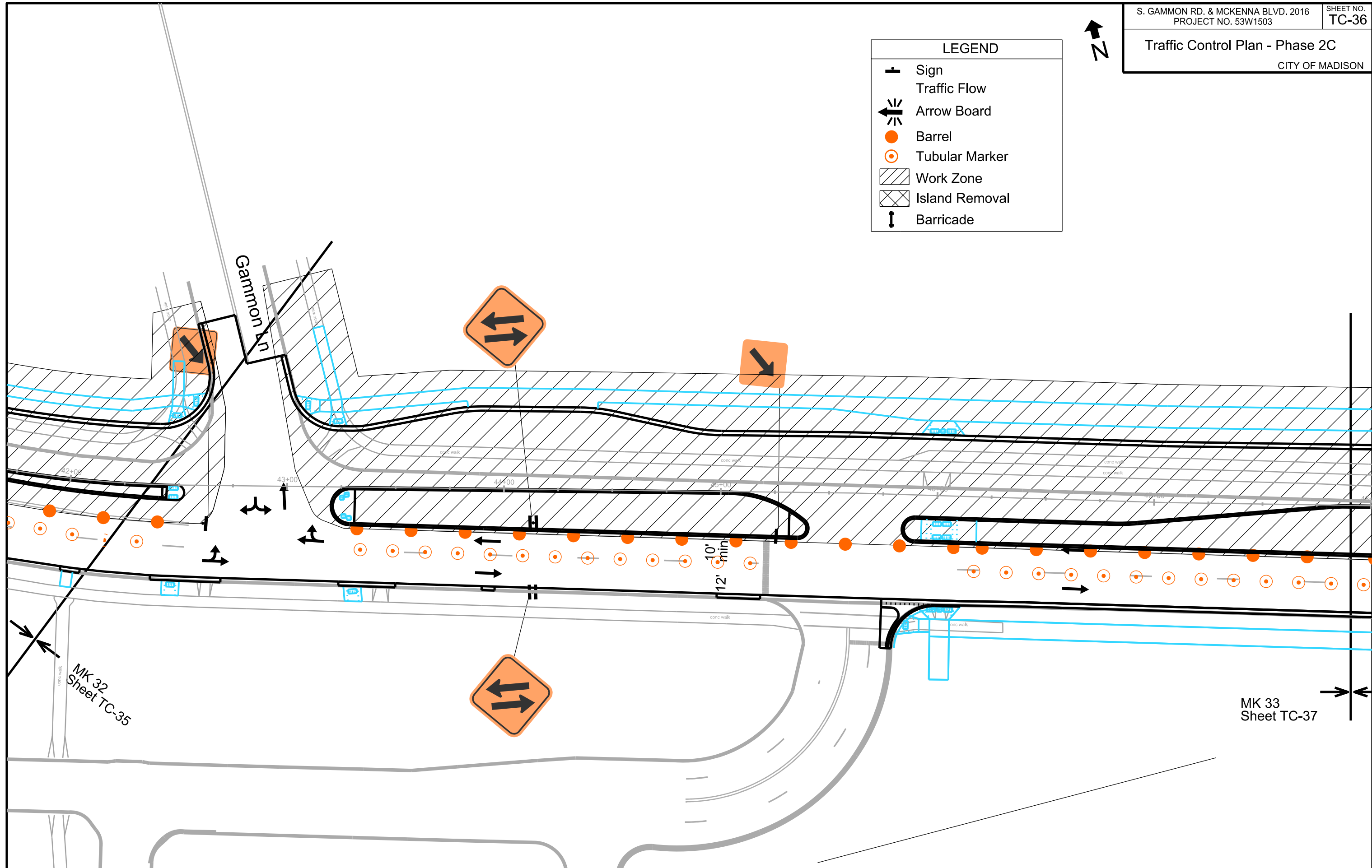
LEGEND	
	Sign
	Traffic Flow
	Arrow Board
	Barrel
	Tubular Marker
	Work Zone
	Island Removal
	Barricade

Traffic Control Plan - Phase 2C
CITY OF MADISON



LEGEND	
	Sign
	Traffic Flow
	Arrow Board
	Barrel
	Tubular Marker
	Work Zone
	Island Removal
	Barricade

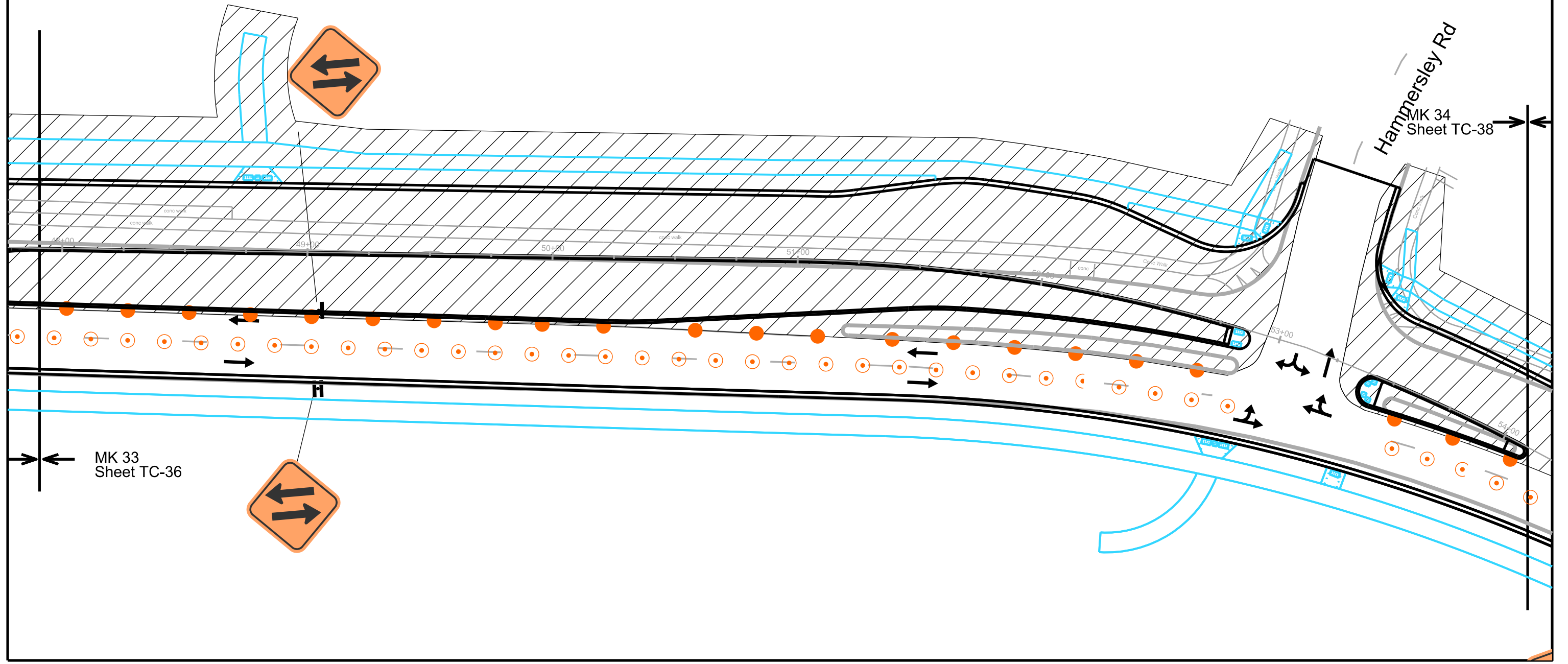
PLOT SCALE:
PLOT NAME:
REV. DATE:
ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.



LEGEND	
	Sign
	Traffic Flow
	Arrow Board
	Barrel
	Tubular Marker
	Work Zone
	Island Removal
	Barricade



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





PLOT SCALE:

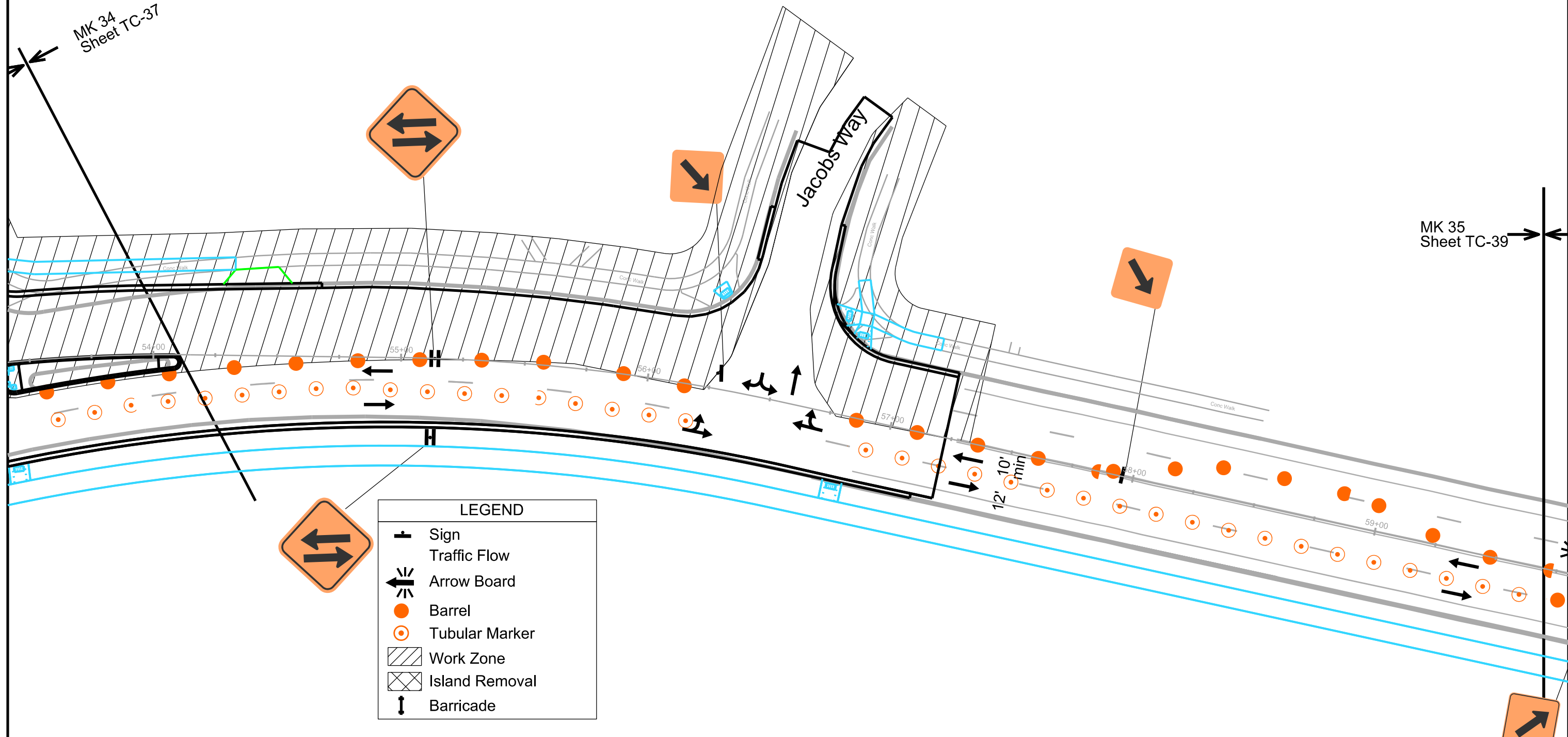
PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.

MK 34
Sheet TC-37

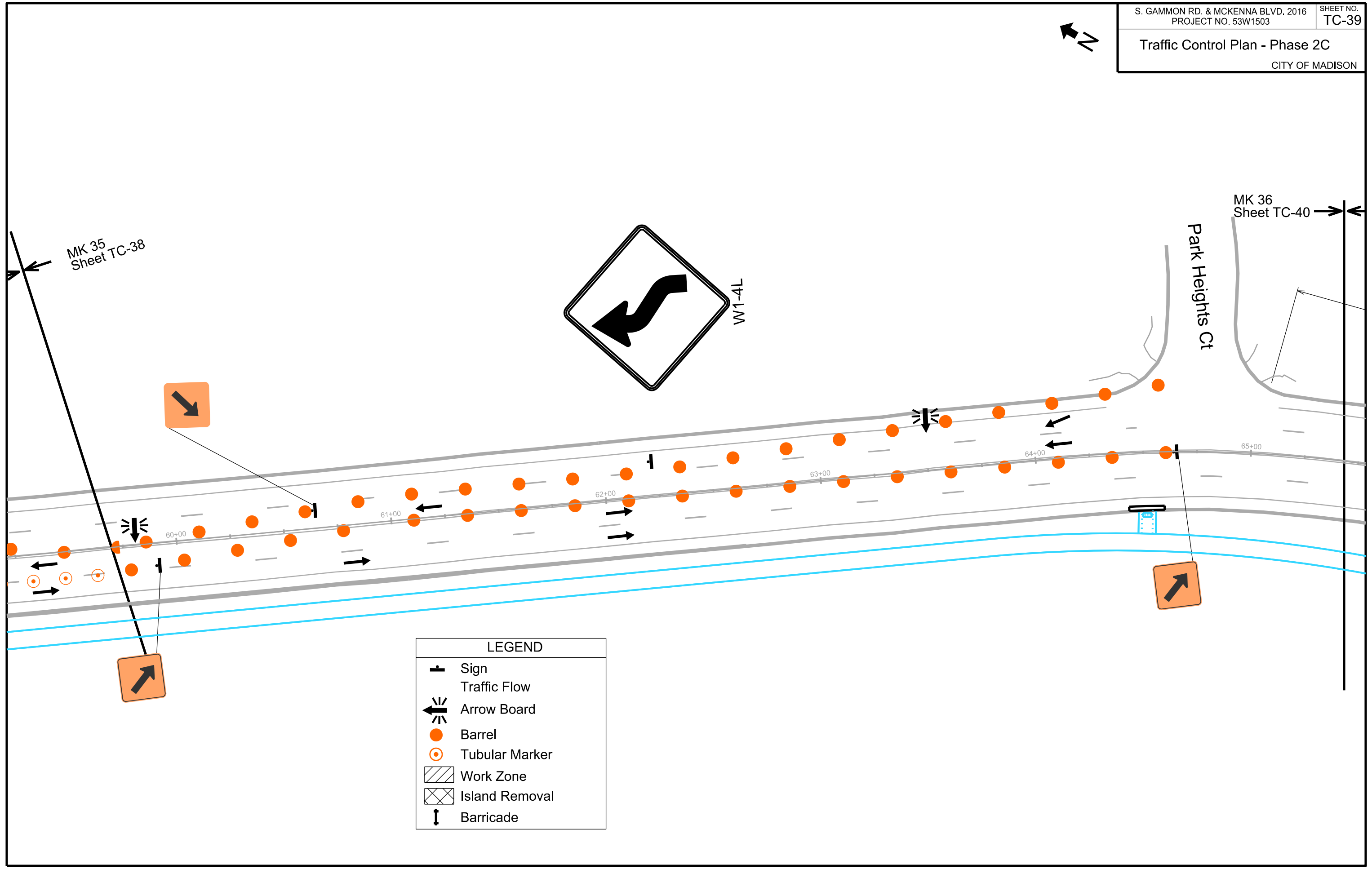
MK 35
Sheet TC-39



LEGEND	
	Sign
	Traffic Flow
	Arrow Board
	Barrel
	Tubular Marker
	Work Zone
	Island Removal
	Barricade



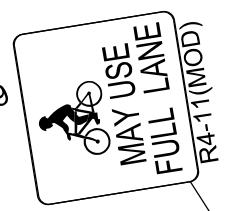
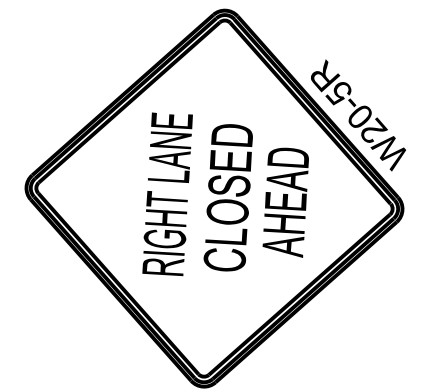
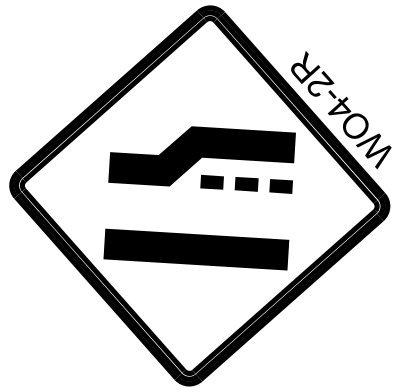
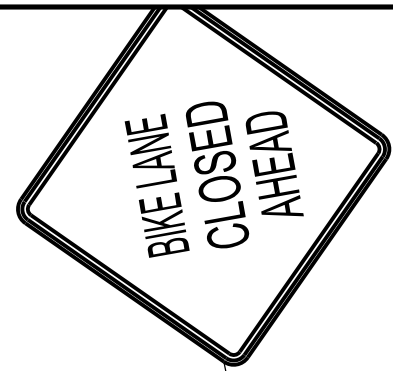
PLOT SCALE:
 PLOT NAME:
 REV. DATE:
 ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.



LEGEND	
	Sign
	Traffic Flow
	Arrow Board
	Barrel
	Tubular Marker
	Work Zone
	Island Removal
	Barricade



LEGEND	
	Sign
	Traffic Flow
	Arrow Board
	Barrel
	Tubular Marker
	Work Zone
	Island Removal
	Barricade



MK 37 Sheet TC-41

MK 36 Sheet TC-39

250'

250'

65+00

66+00

67+00

68+00

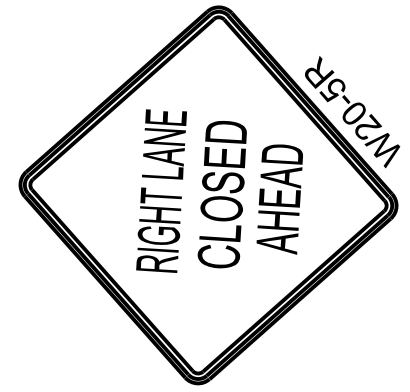
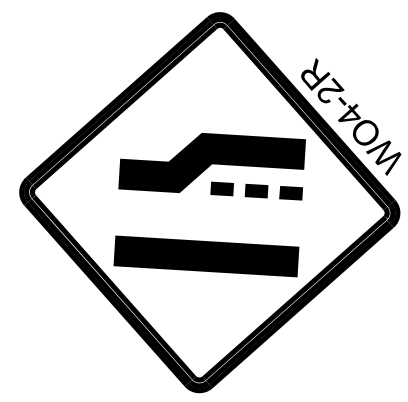
69+00

70+00

71+00



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



MK 37
 Sheet TC-41

MK 37
 Sheet TC-40

250'

250'

68+00

69+00

70+00

71+00

71+88

LEGEND	
	Sign
	Traffic Flow
	Arrow Board
	Barrel
	Tubular Marker
	Work Zone
	Island Removal
	Barricade

PLOT SCALE:

PLOT NAME:

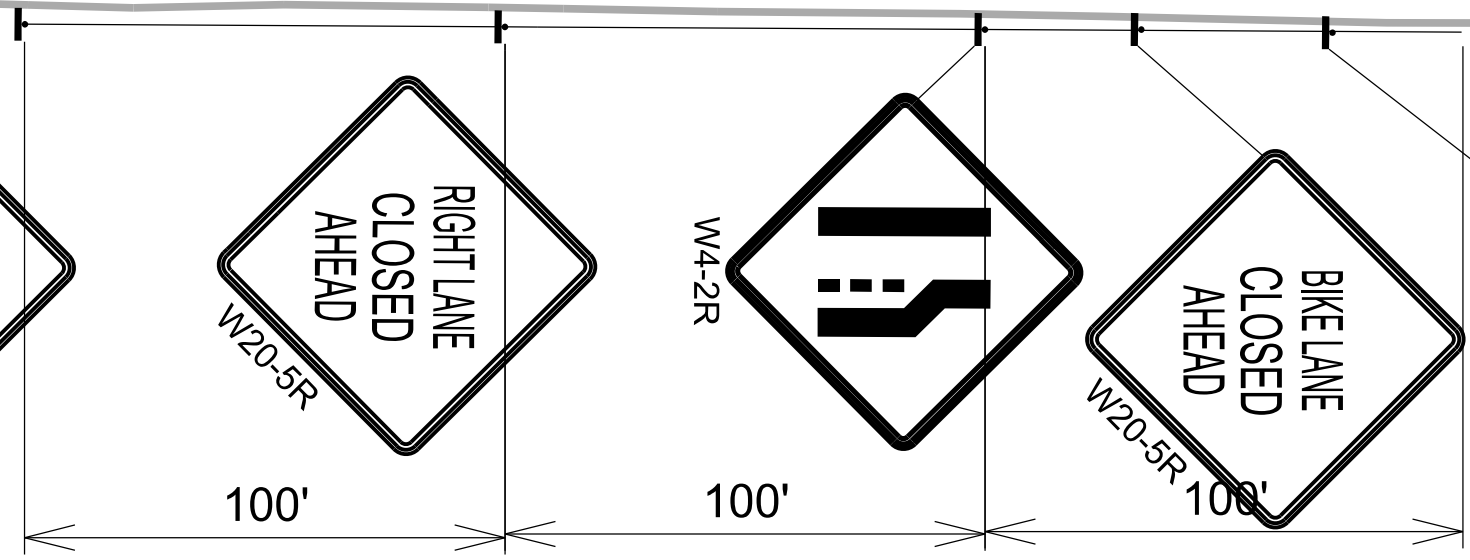
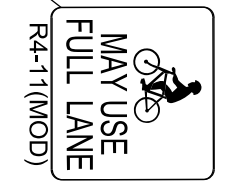
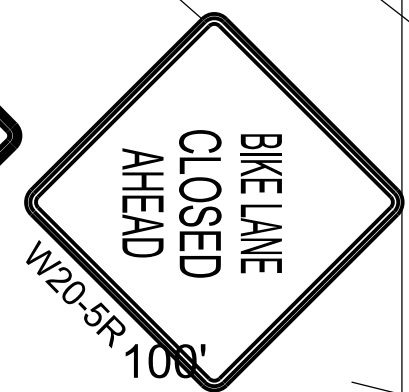
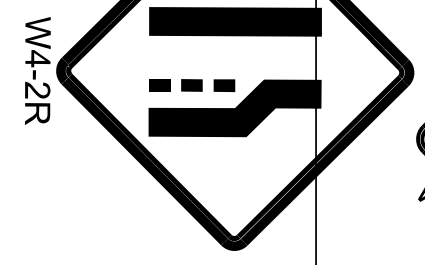
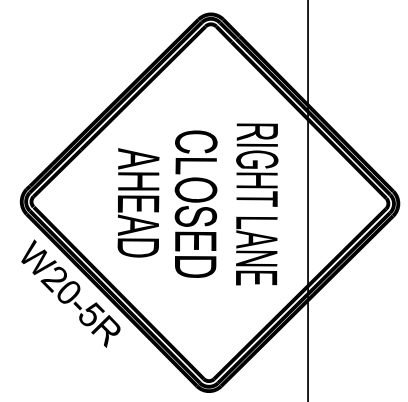
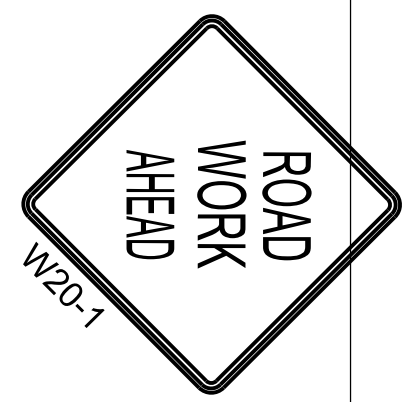
REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.



MK 38
 Sheet TC-43

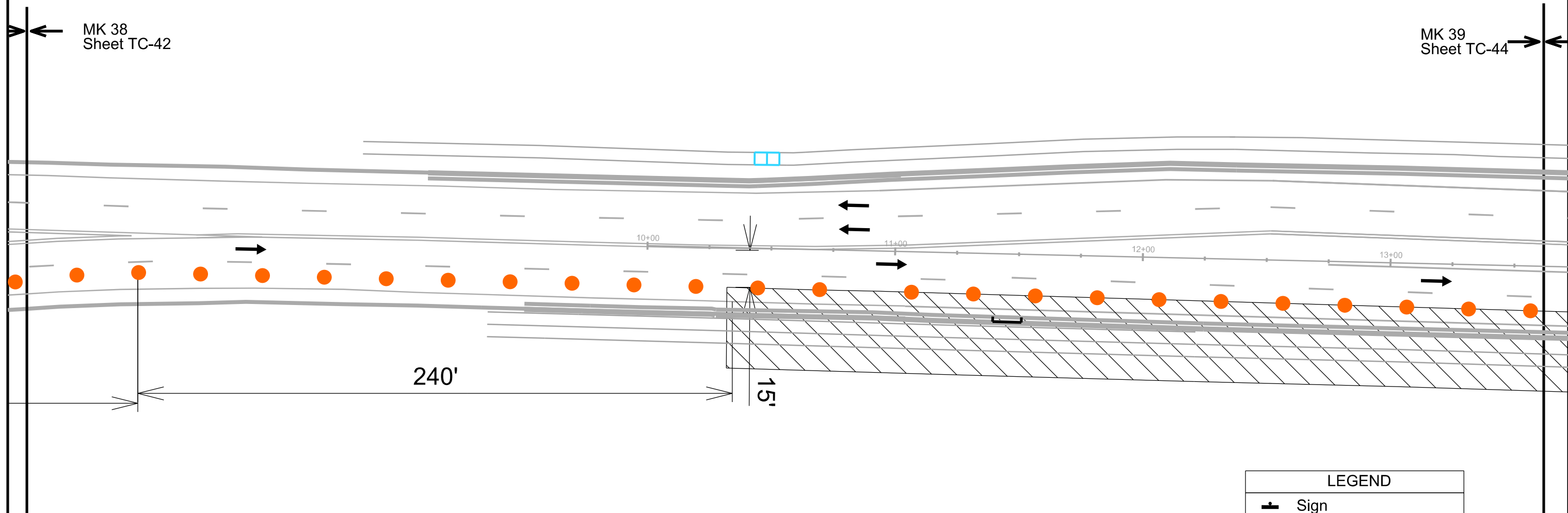
PLOT SCALE:
 PLOT NAME:
 REV. DATE:
 ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.



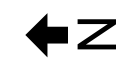
LEGEND	
	Sign
	Traffic Flow
	Arrow Board
	Barrel
	Tubular Marker
	Work Zone
	Island Removal
	Barricade



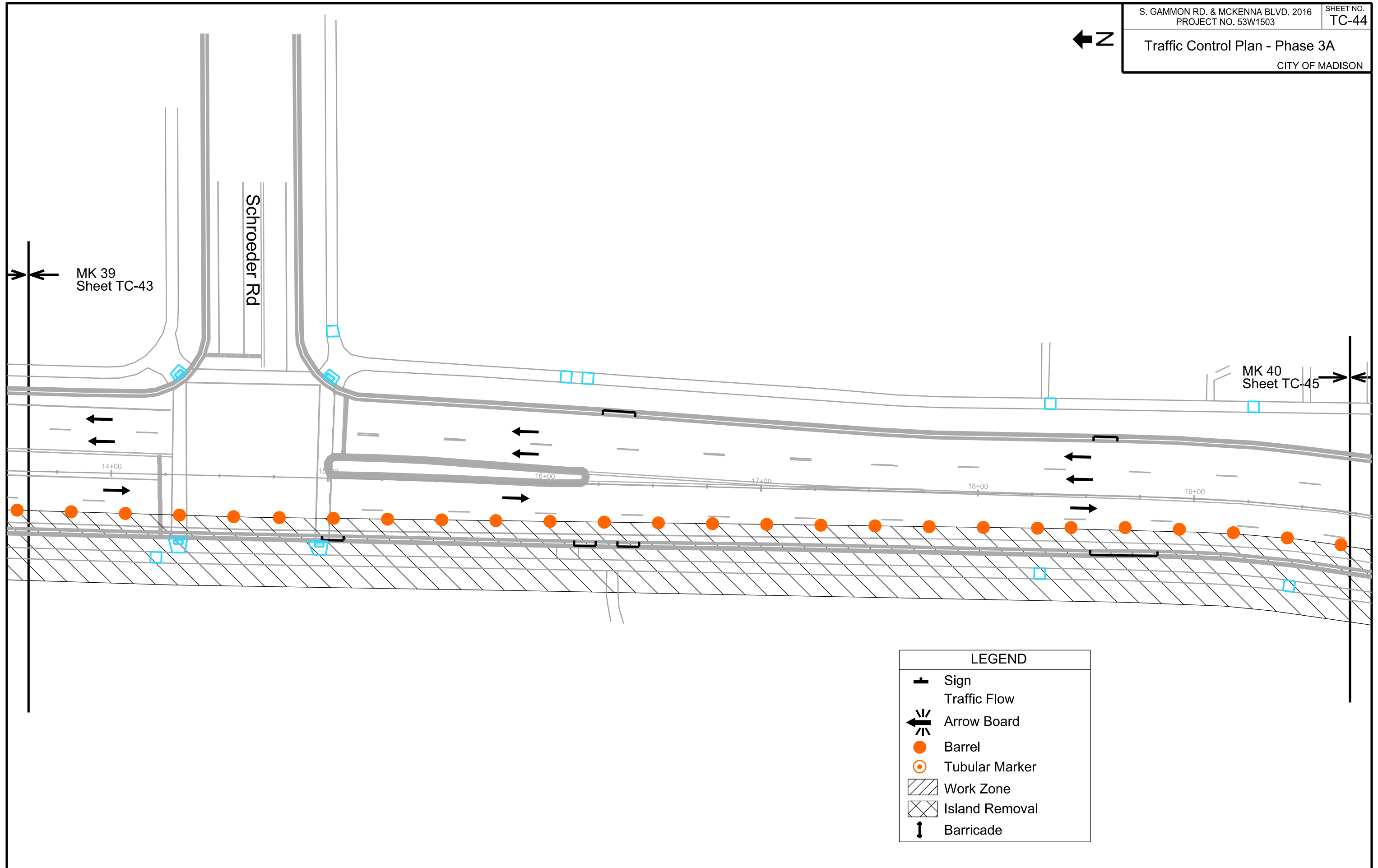
PLOT SCALE:
 PLOT NAME:
 REV. DATE:
 ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.



LEGEND	
	Sign
	Traffic Flow
	Arrow Board
	Barrel
	Tubular Marker
	Work Zone
	Island Removal
	Barricade



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

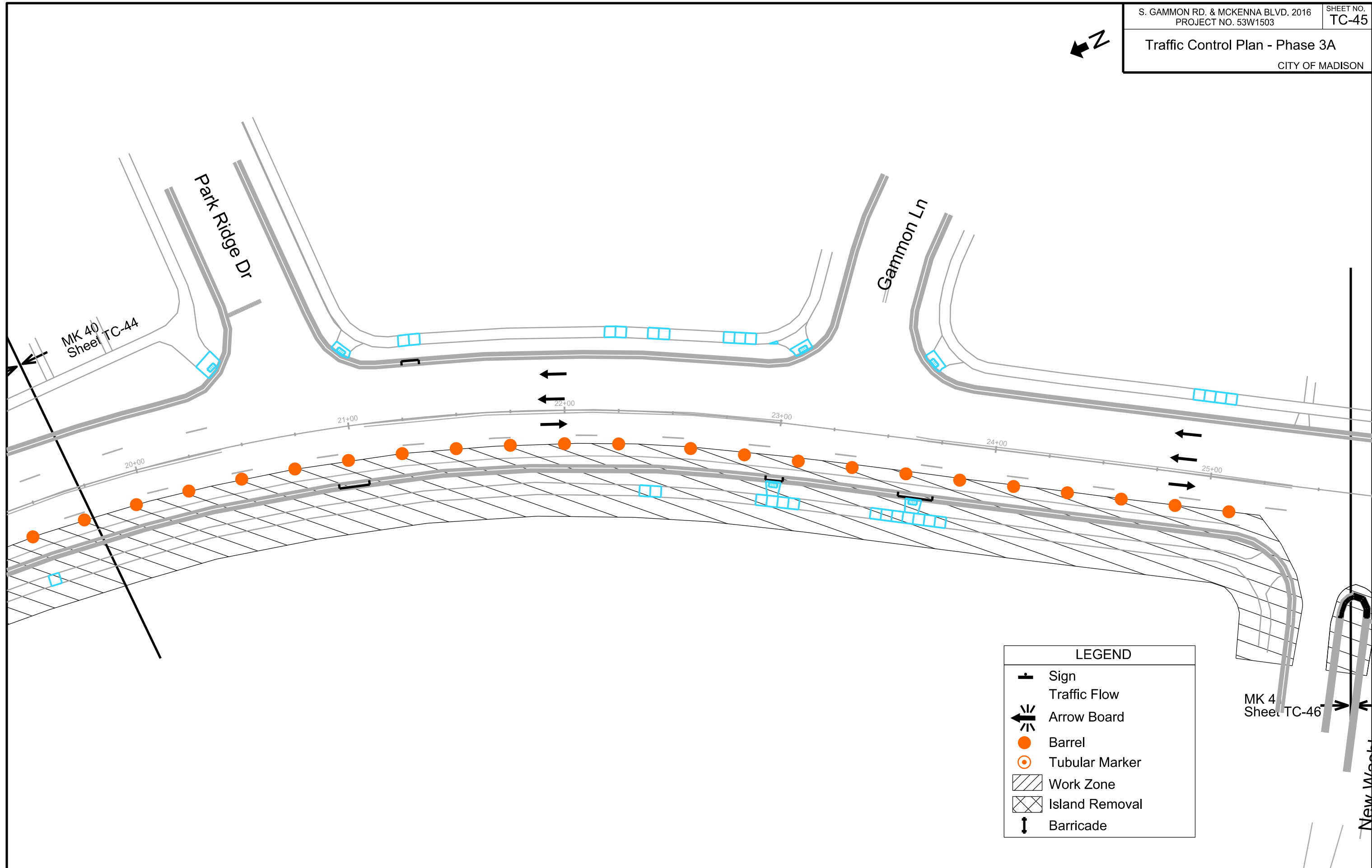


LEGEND	
	Sign
	Traffic Flow
	Arrow Board
	Barrel
	Tubular Marker
	Work Zone
	Island Removal
	Barricade

Traffic Control Plan - Phase 3A
CITY OF MADISON



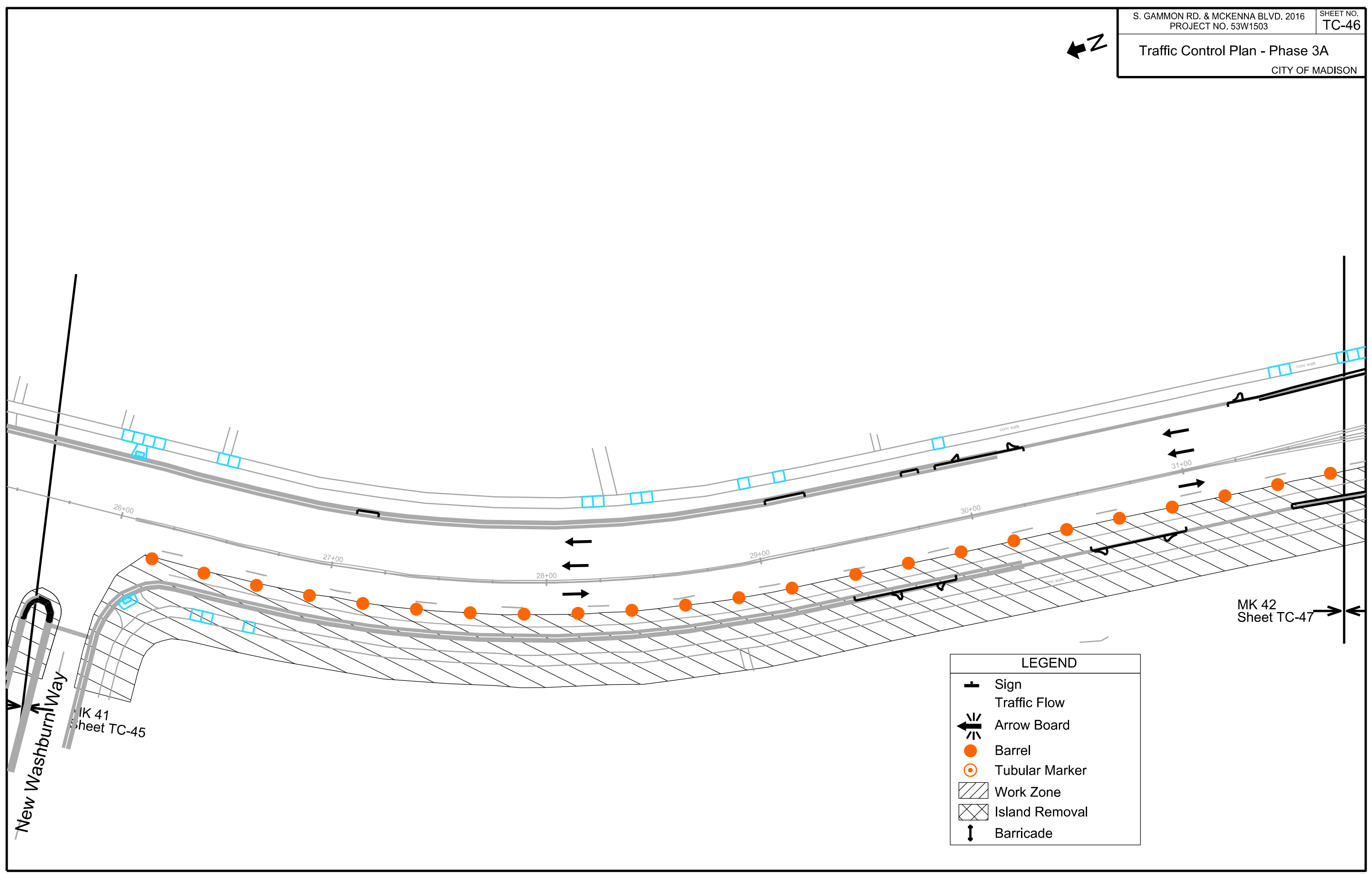
PLOT SCALE:
PLOT NAME:
REV. DATE:
ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.



LEGEND	
	Sign
	Traffic Flow
	Arrow Board
	Barrel
	Tubular Marker
	Work Zone
	Island Removal
	Barricade



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

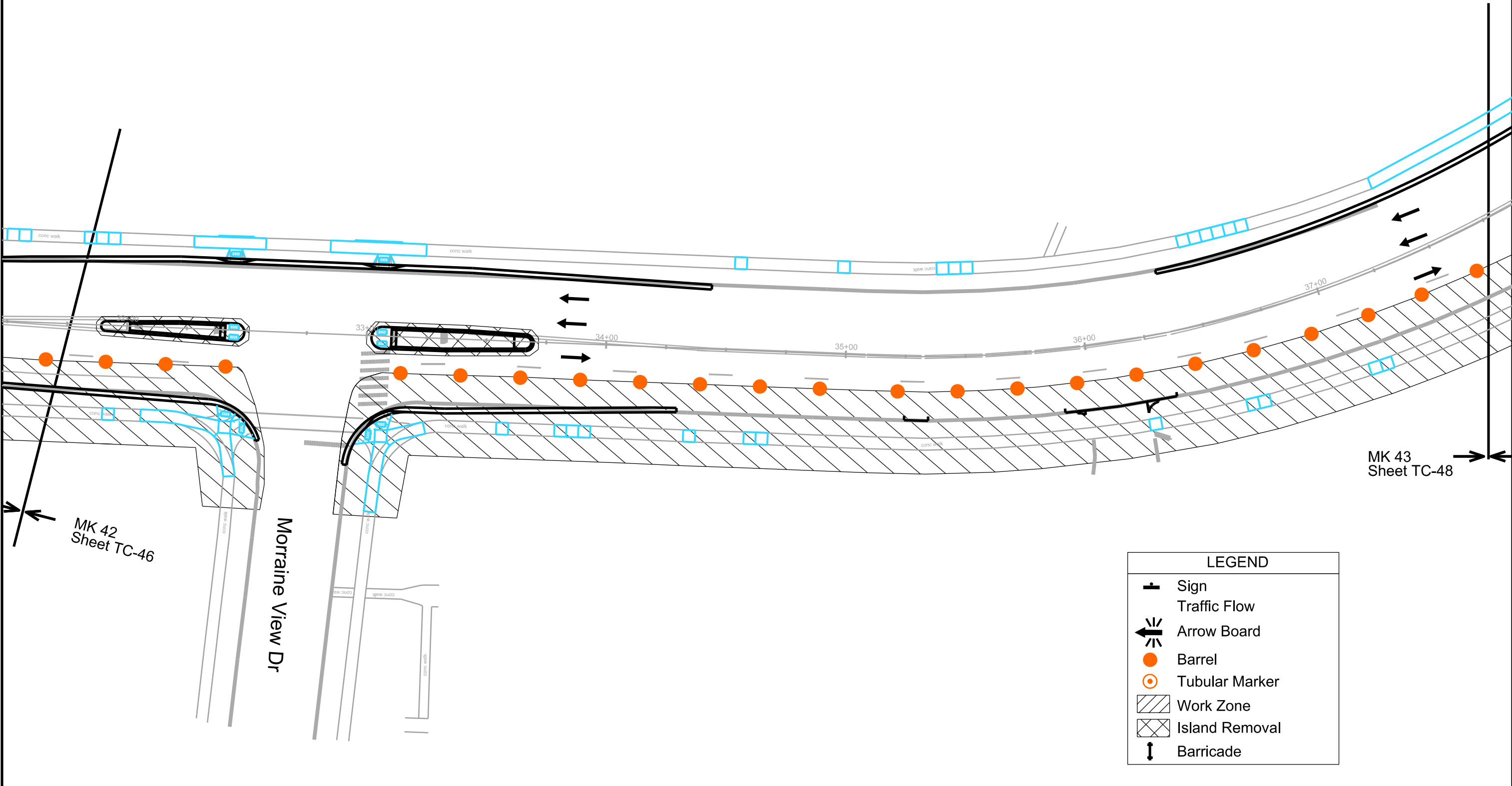


LEGEND	
	Sign
	Traffic Flow
	Arrow Board
	Barrel
	Tubular Marker
	Work Zone
	Island Removal
	Barricade

MK 42
 Sheet TC-47



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



MK 43
 Sheet TC-48

MK 42
 Sheet TC-46

Morraine View Dr

LEGEND	
	Sign
	Traffic Flow
	Arrow Board
	Barrel
	Tubular Marker
	Work Zone
	Island Removal
	Barricade

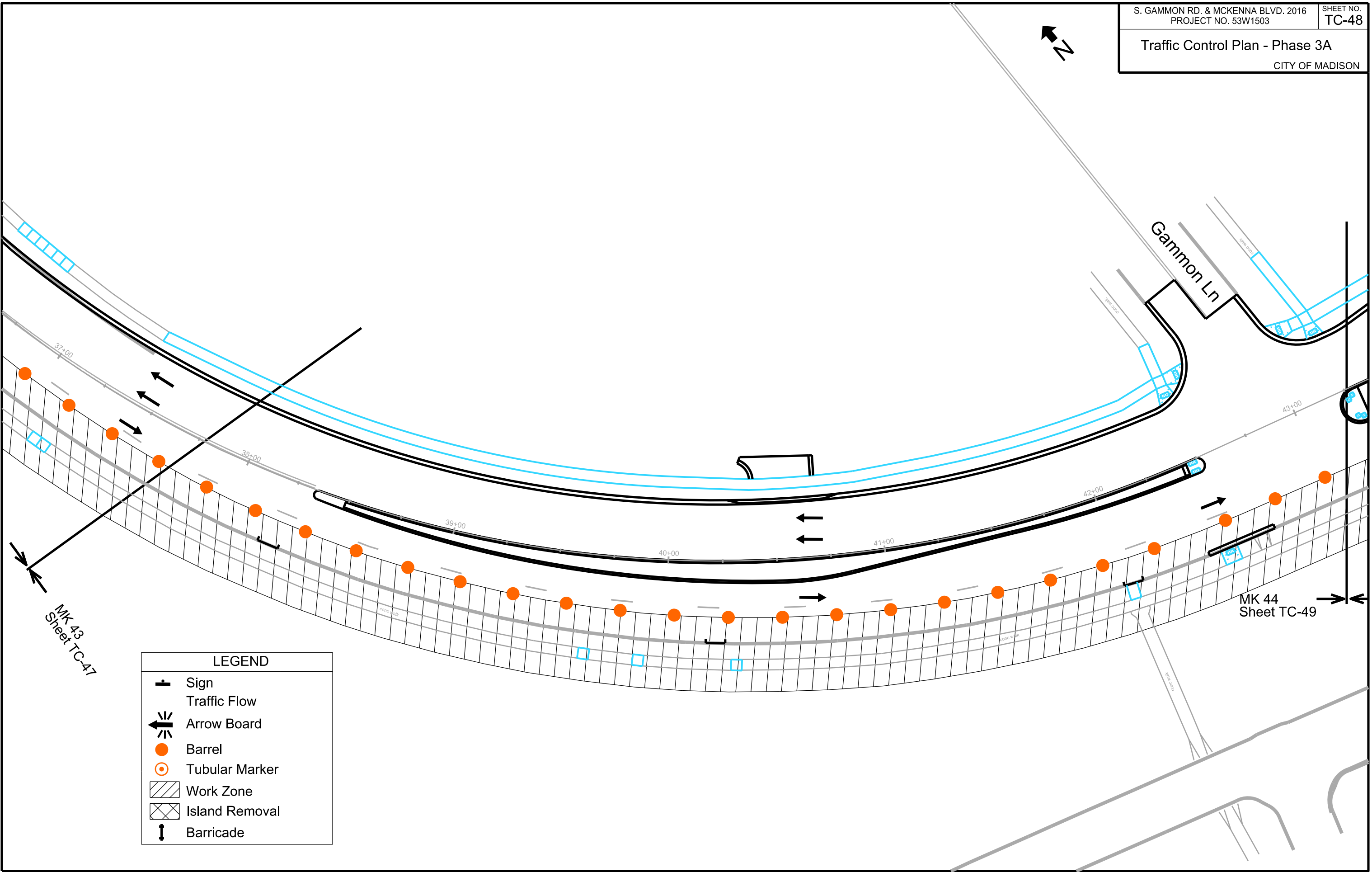


PLOT SCALE:

PLOT NAME:

REV. DATE:

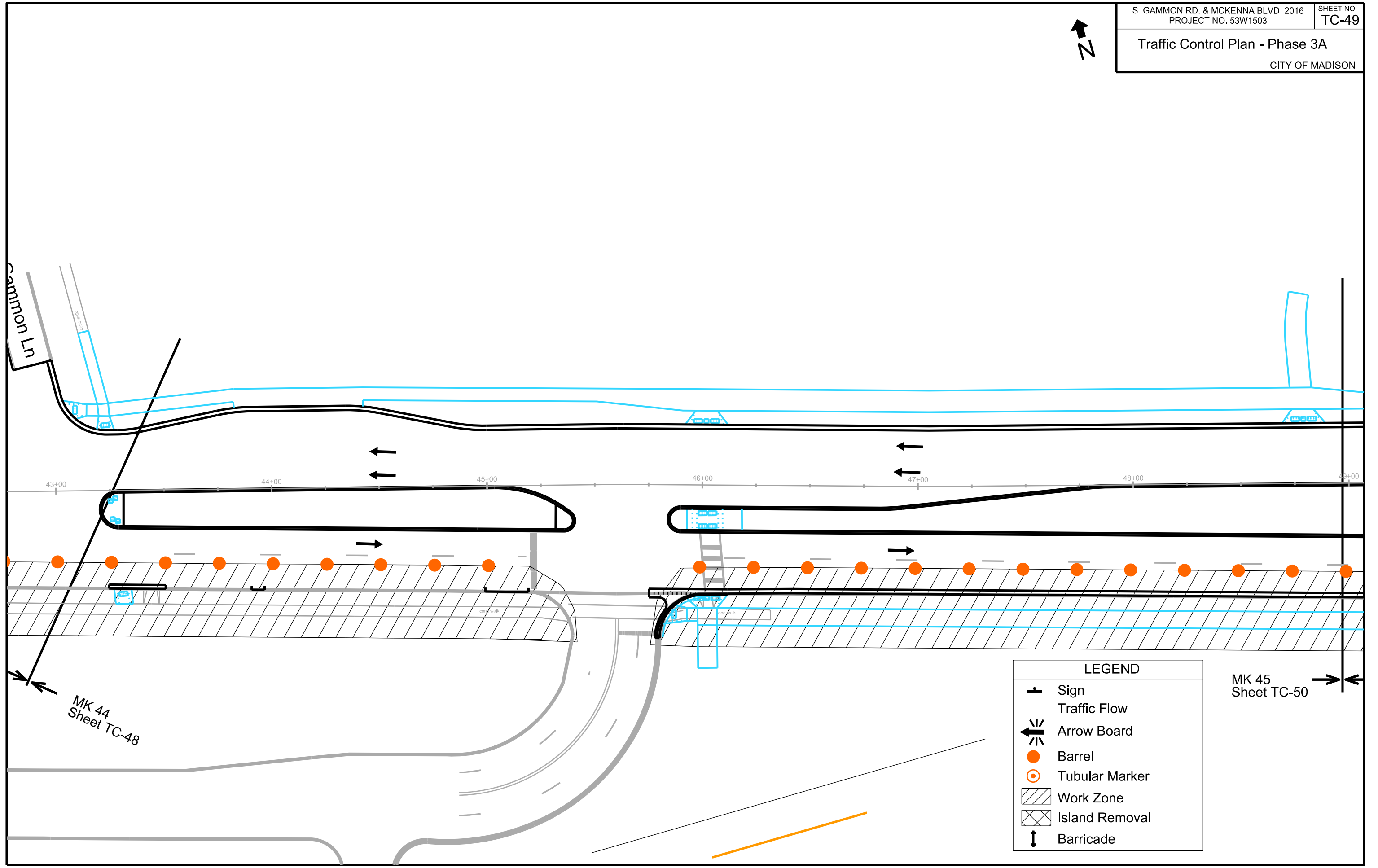
ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.



LEGEND	
	Sign
	Traffic Flow
	Arrow Board
	Barrel
	Tubular Marker
	Work Zone
	Island Removal
	Barricade



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



LEGEND	
	Sign
	Traffic Flow
	Arrow Board
	Barrel
	Tubular Marker
	Work Zone
	Island Removal
	Barricade

MK 45
 Sheet TC-50

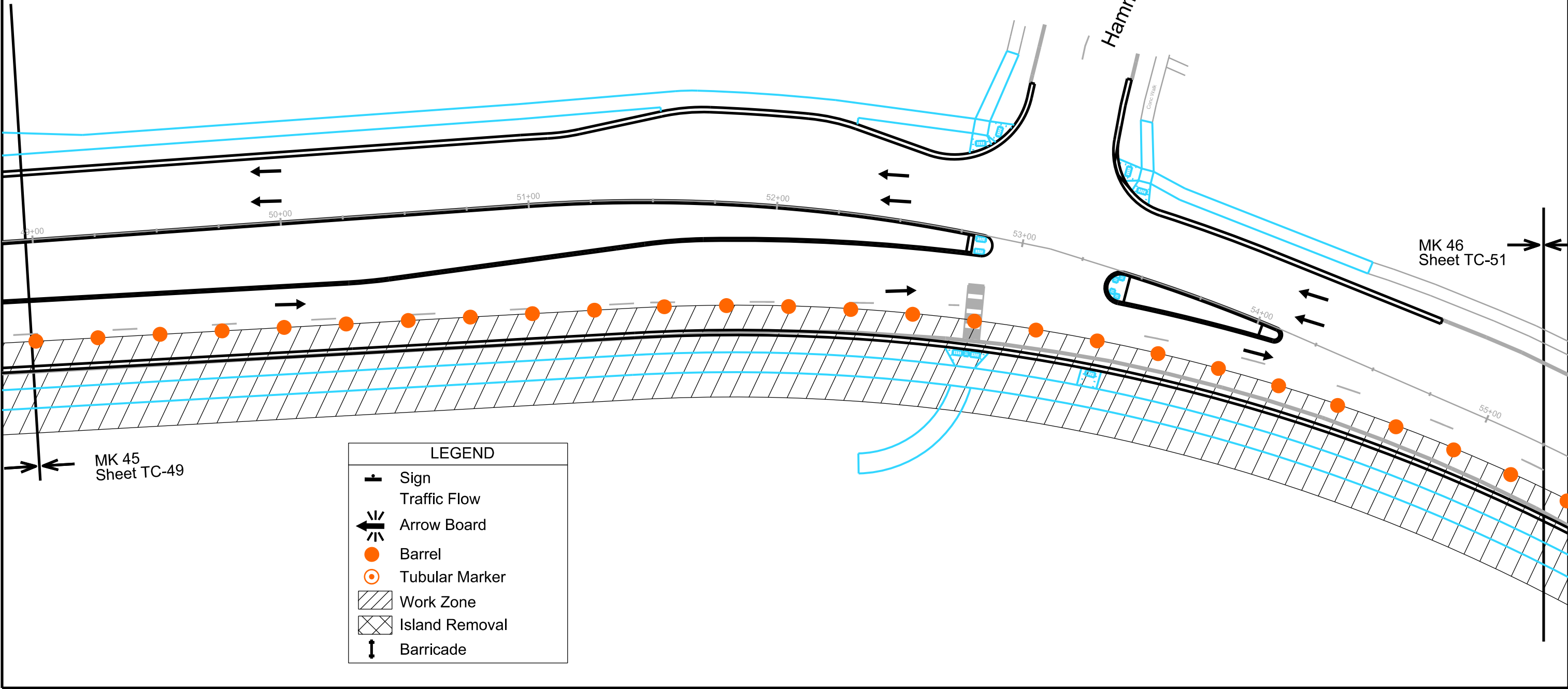


PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.



MK 45
 Sheet TC-49

MK 46
 Sheet TC-51

LEGEND	
	Sign
	Traffic Flow
	Arrow Board
	Barrel
	Tubular Marker
	Work Zone
	Island Removal
	Barricade

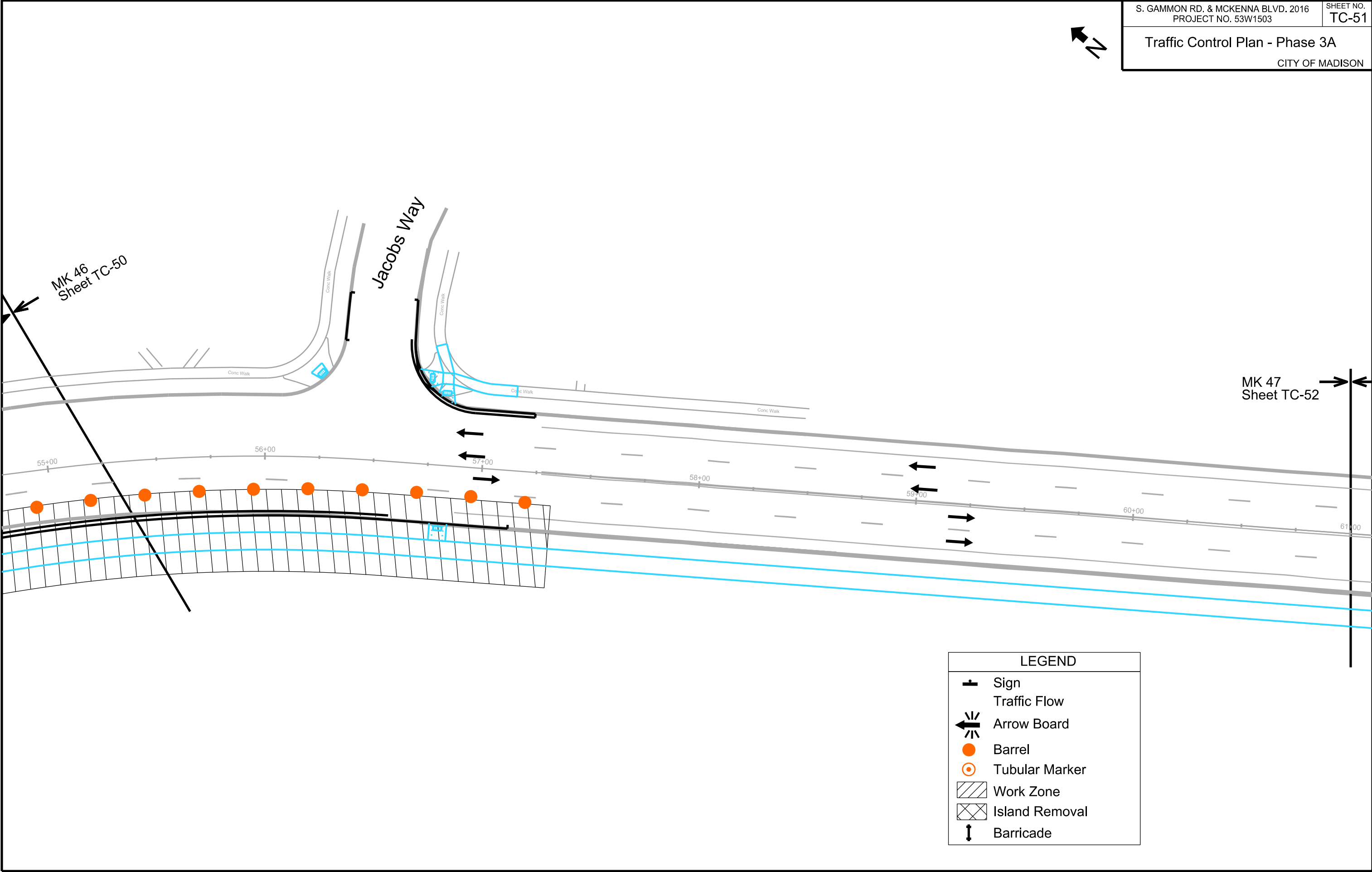


PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.



LEGEND	
+	Sign
→	Traffic Flow
←	Arrow Board
●	Barrel
○	Tubular Marker
▨	Work Zone
▩	Island Removal
↓	Barricade



PLOT SCALE:

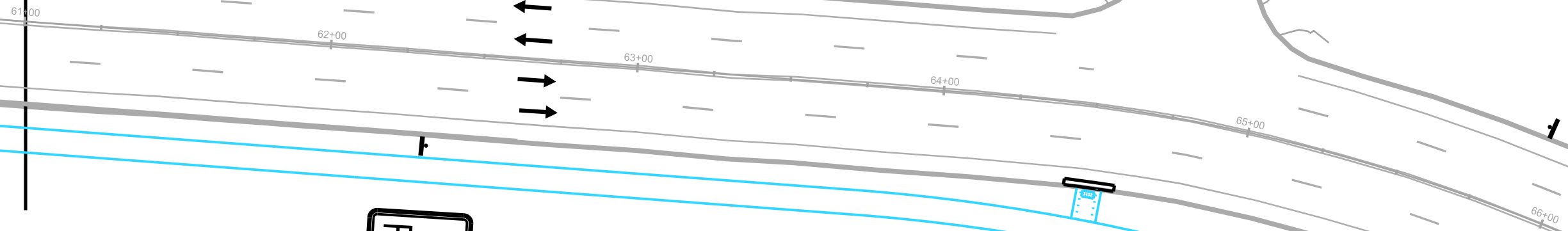
PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.

MK 47 Sheet TC-52 MK 47 Sheet TC-51

Park Heights Ct



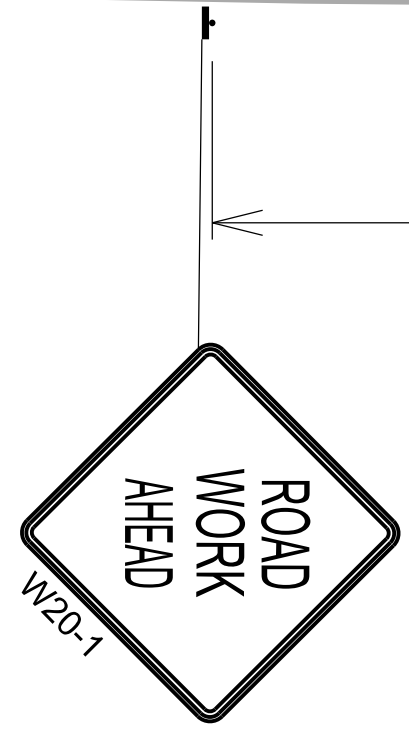
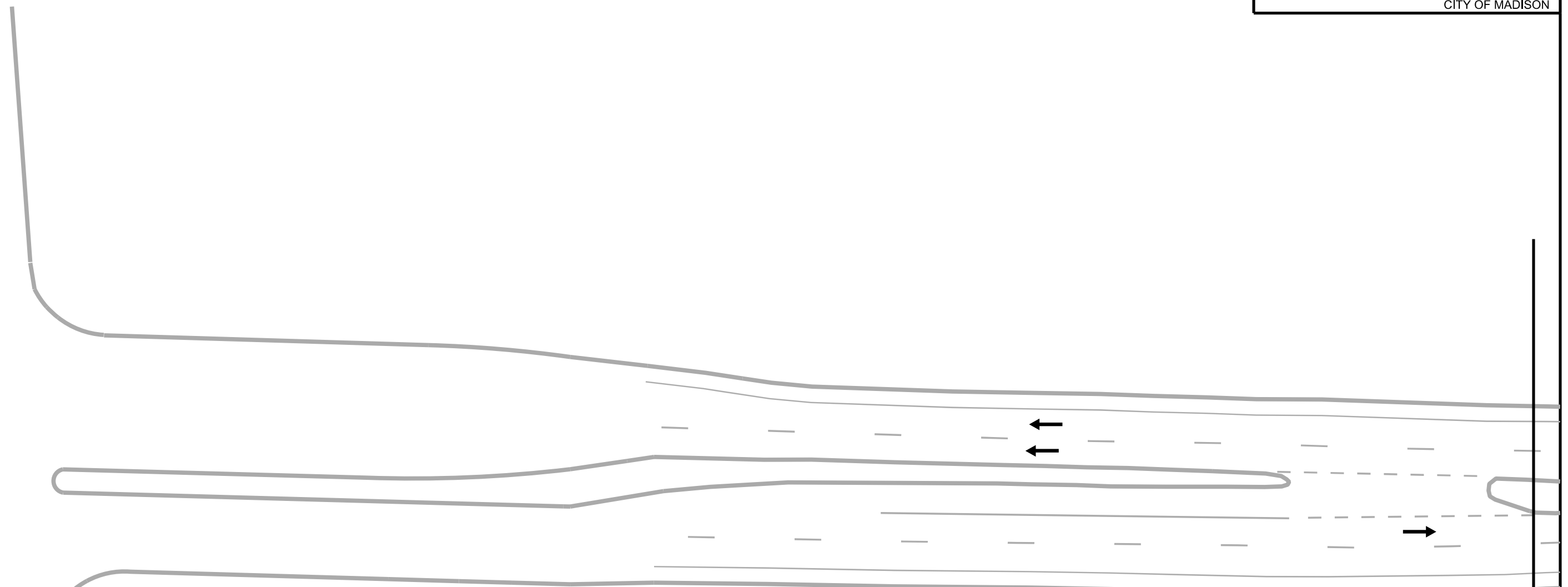
END ROAD WORK
G20-1

LEGEND	
	Sign
	Traffic Flow
	Arrow Board
	Barrel
	Tubular Marker
	Work Zone
	Island Removal
	Barricade



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

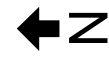
Watts Rd



350'

MK 48
 Sheet TC-54

LEGEND	
	Sign
	Traffic Flow
	Arrow Board
	Barrel
	Tubular Marker
	Work Zone
	Island Removal
	Barricade

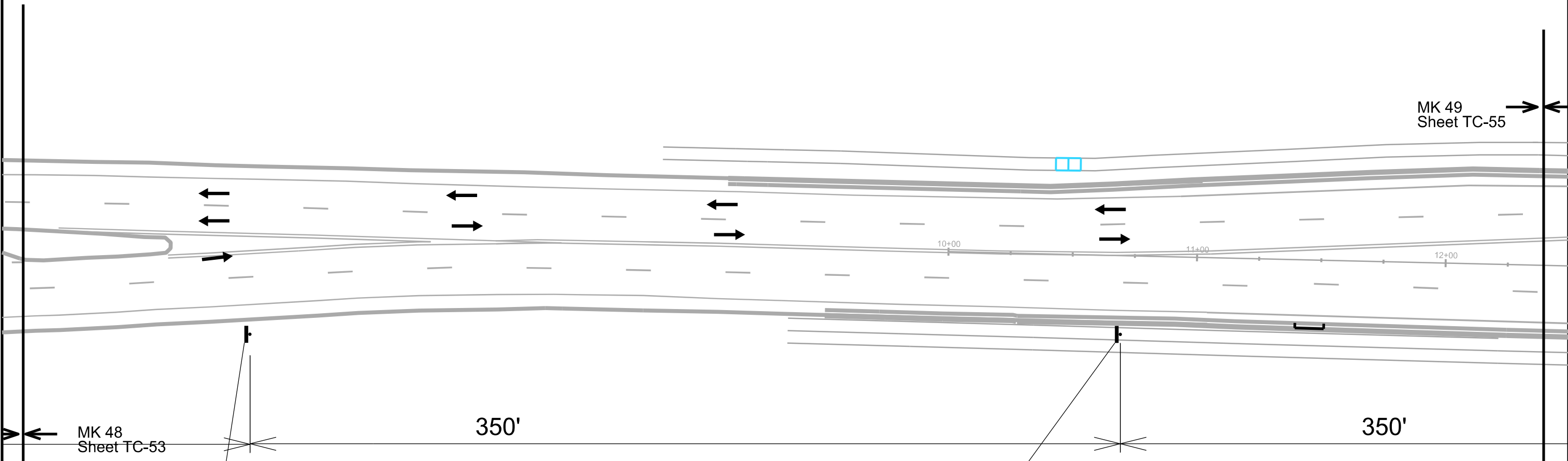


PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.

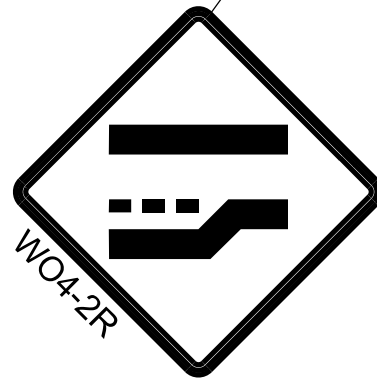


MK 49
Sheet TC-55

MK 48
Sheet TC-53

350'

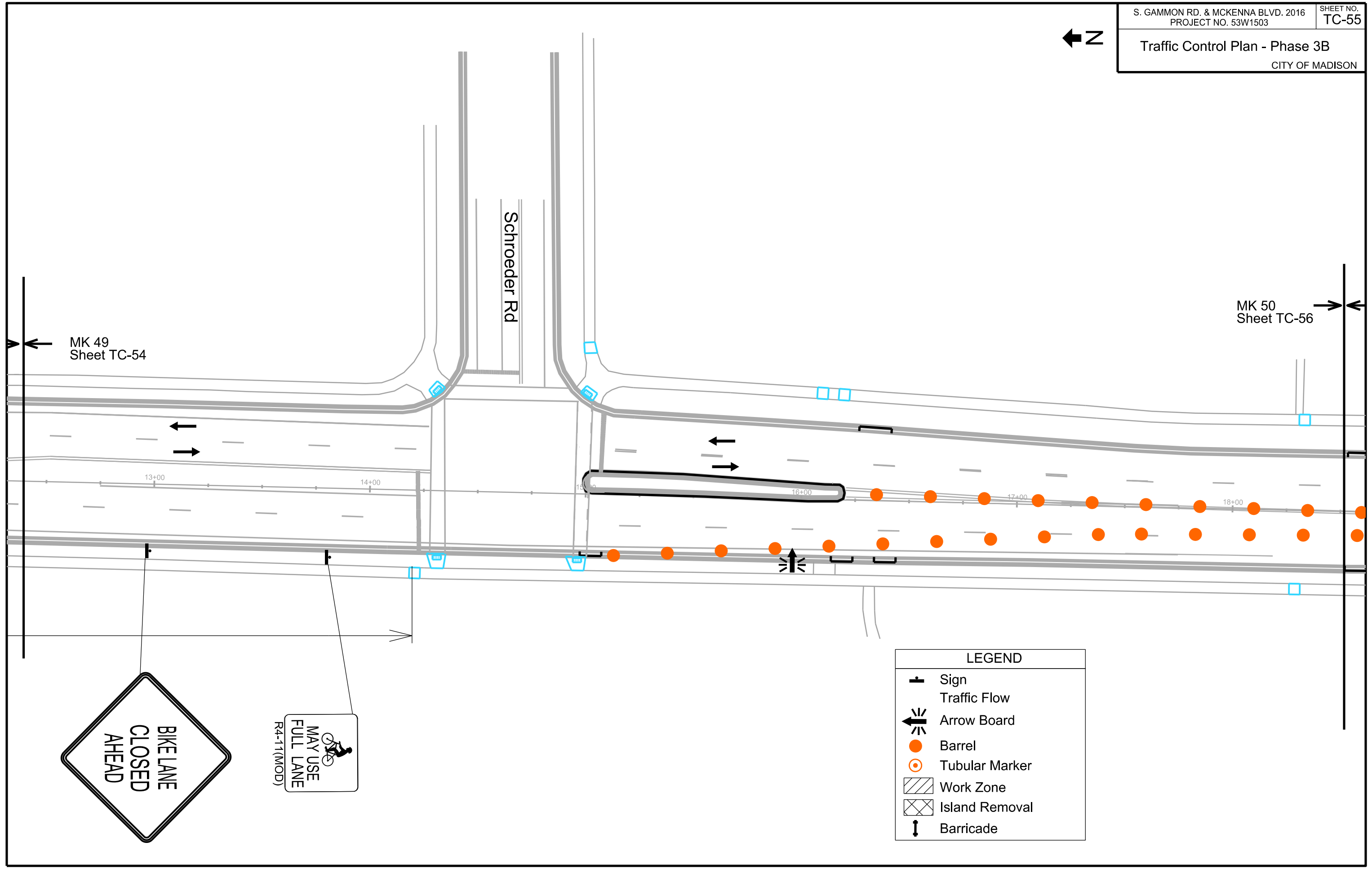
350'



LEGEND	
	Sign
	Traffic Flow
	Arrow Board
	Barrel
	Tubular Marker
	Work Zone
	Island Removal
	Barricade



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

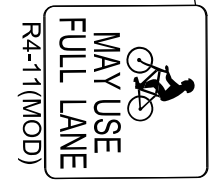
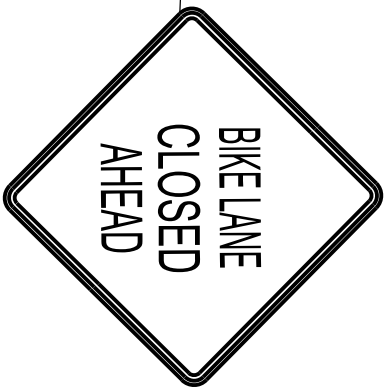


MK 49
Sheet TC-54

MK 50
Sheet TC-56

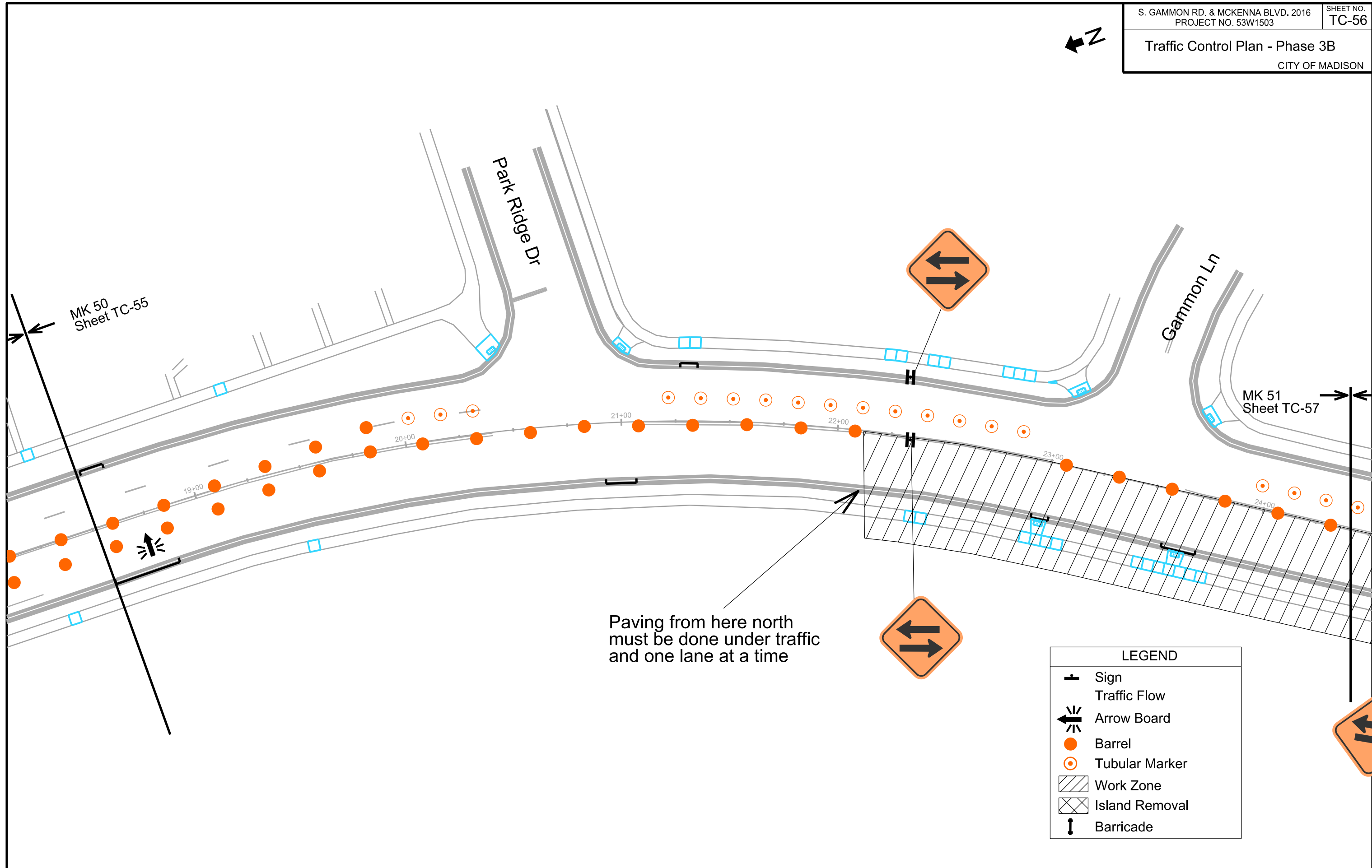
Schroeder Rd

LEGEND	
	Sign
	Traffic Flow
	Arrow Board
	Barrel
	Tubular Marker
	Work Zone
	Island Removal
	Barricade





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



Paving from here north
 must be done under traffic
 and one lane at a time

LEGEND	
	Sign
	Traffic Flow
	Arrow Board
	Barrel
	Tubular Marker
	Work Zone
	Island Removal
	Barricade

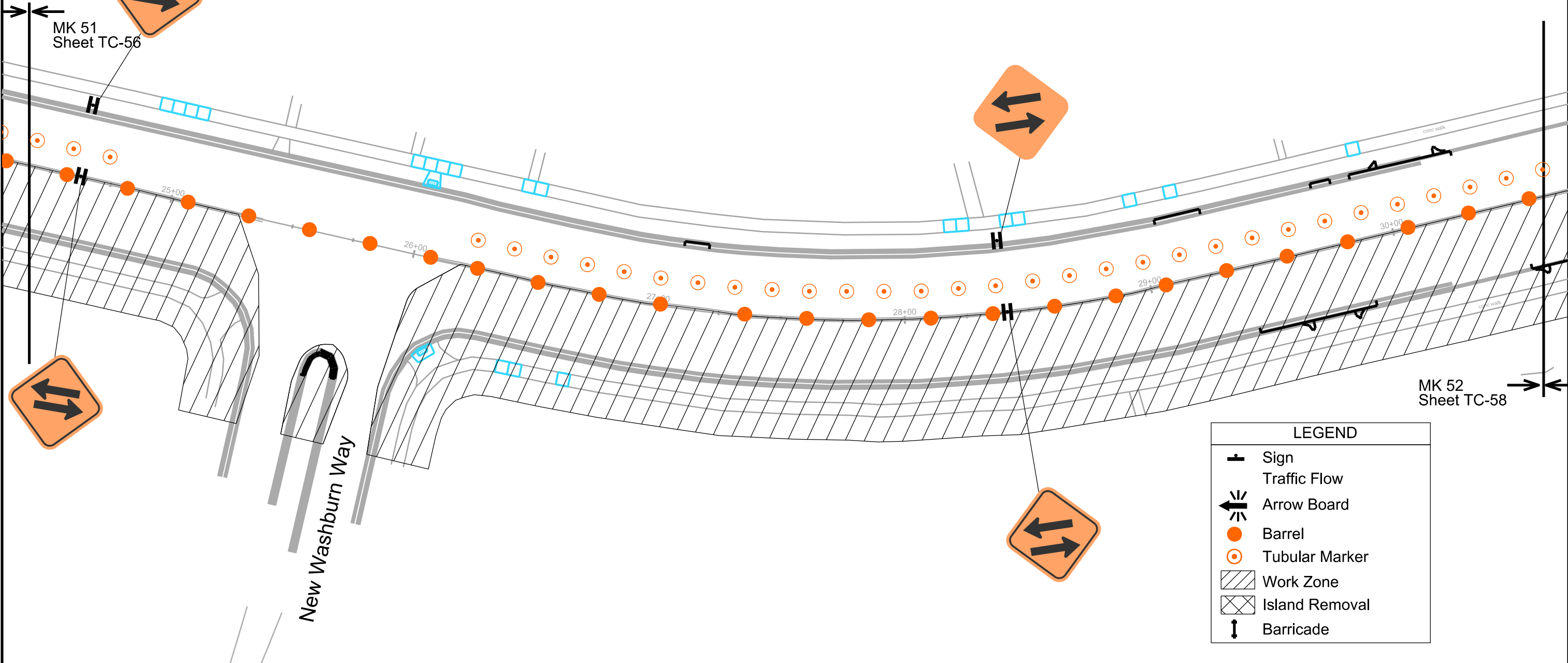


PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.



MK 51
Sheet TC-56

MK 52
Sheet TC-58

LEGEND	
	Sign
	Traffic Flow
	Arrow Board
	Barrel
	Tubular Marker
	Work Zone
	Island Removal
	Barricade

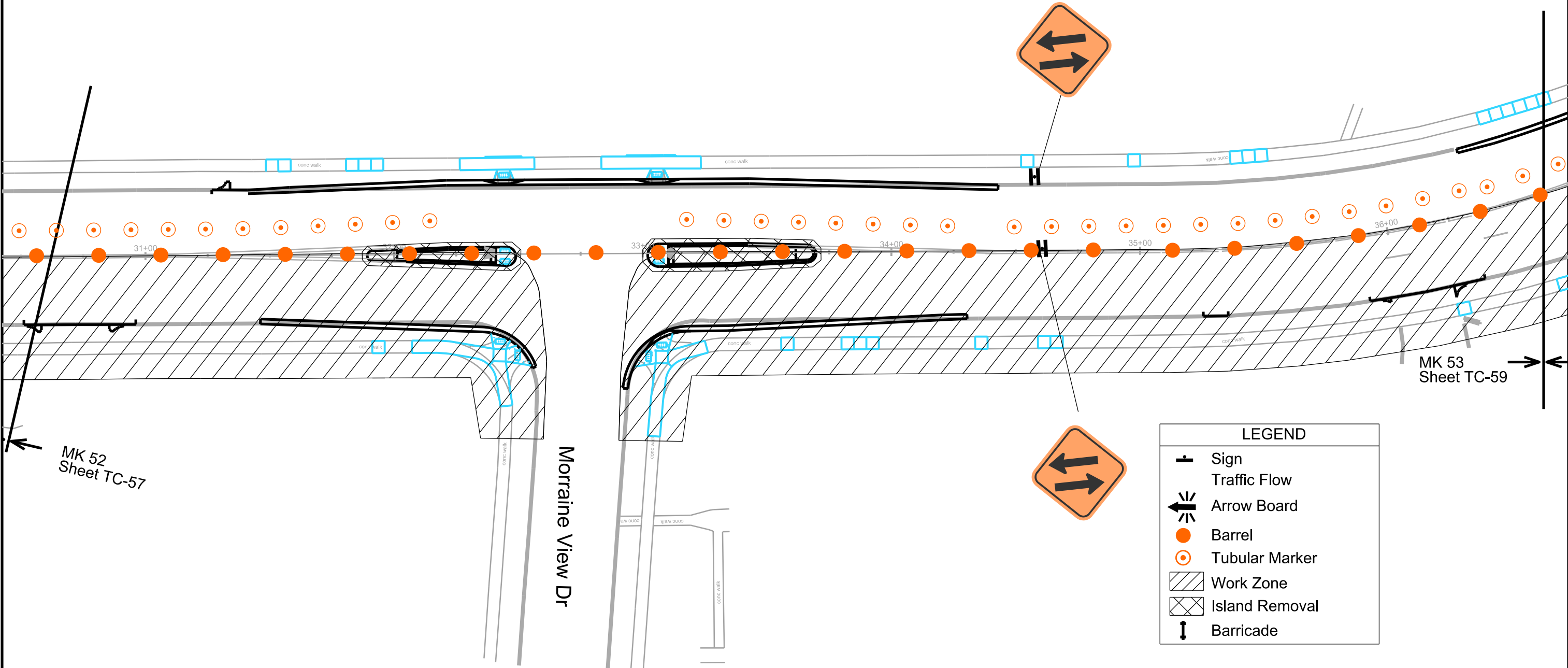


PLOT SCALE:

PLOT NAME:

REV. DATE:

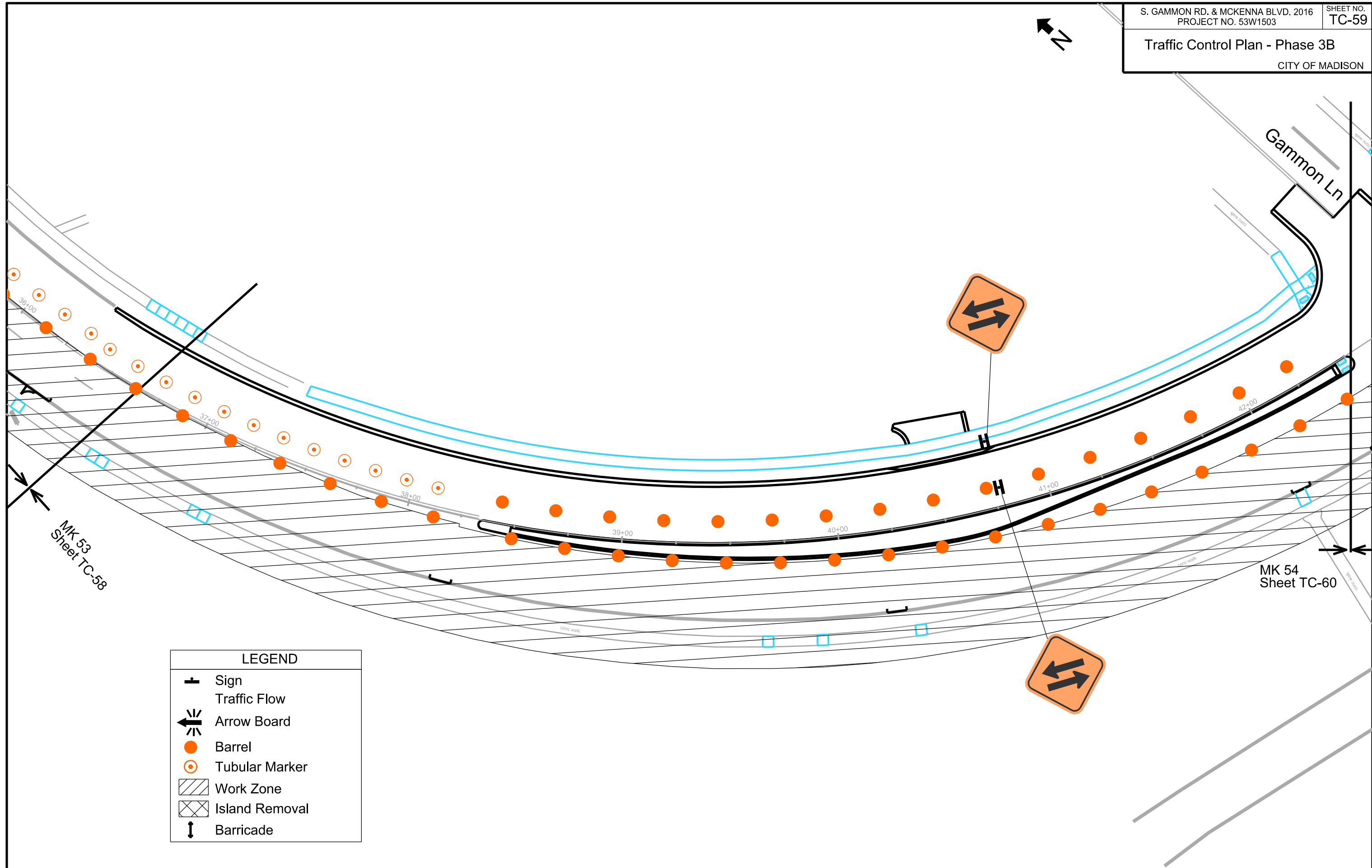
ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.



LEGEND	
	Sign
	Traffic Flow
	Arrow Board
	Barrel
	Tubular Marker
	Work Zone
	Island Removal
	Barricade



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



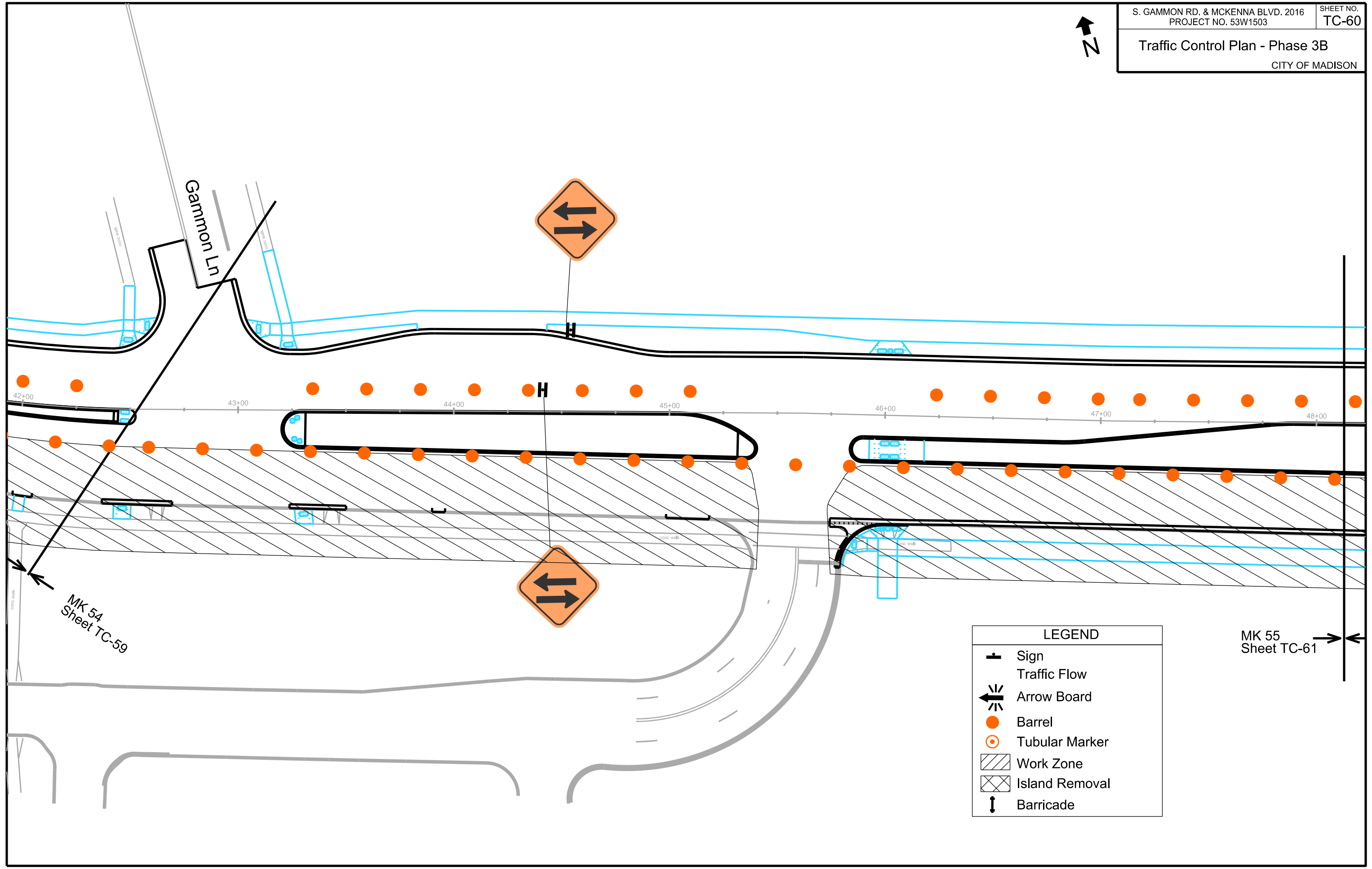
MK 53
Sheet TC-58

MK 54
Sheet TC-60

LEGEND	
	Sign
	Traffic Flow
	Arrow Board
	Barrel
	Tubular Marker
	Work Zone
	Island Removal
	Barricade



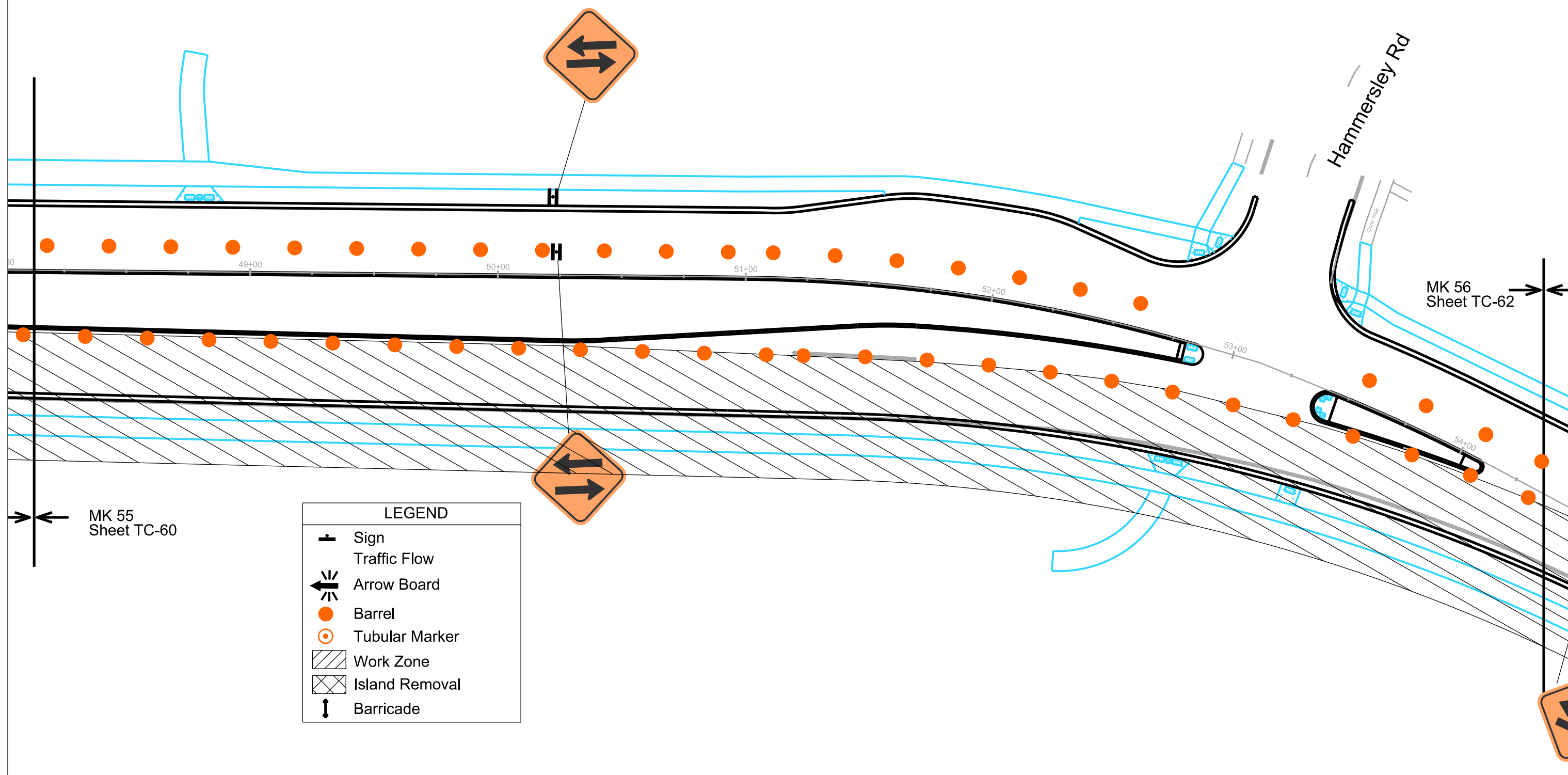
PLOT SCALE:
 PLOT NAME:
 REV. DATE:
 ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.



LEGEND	
	Sign
	Traffic Flow
	Arrow Board
	Barrel
	Tubular Marker
	Work Zone
	Island Removal
	Barricade



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



LEGEND	
	Sign
	Traffic Flow
	Arrow Board
	Barrel
	Tubular Marker
	Work Zone
	Island Removal
	Barricade

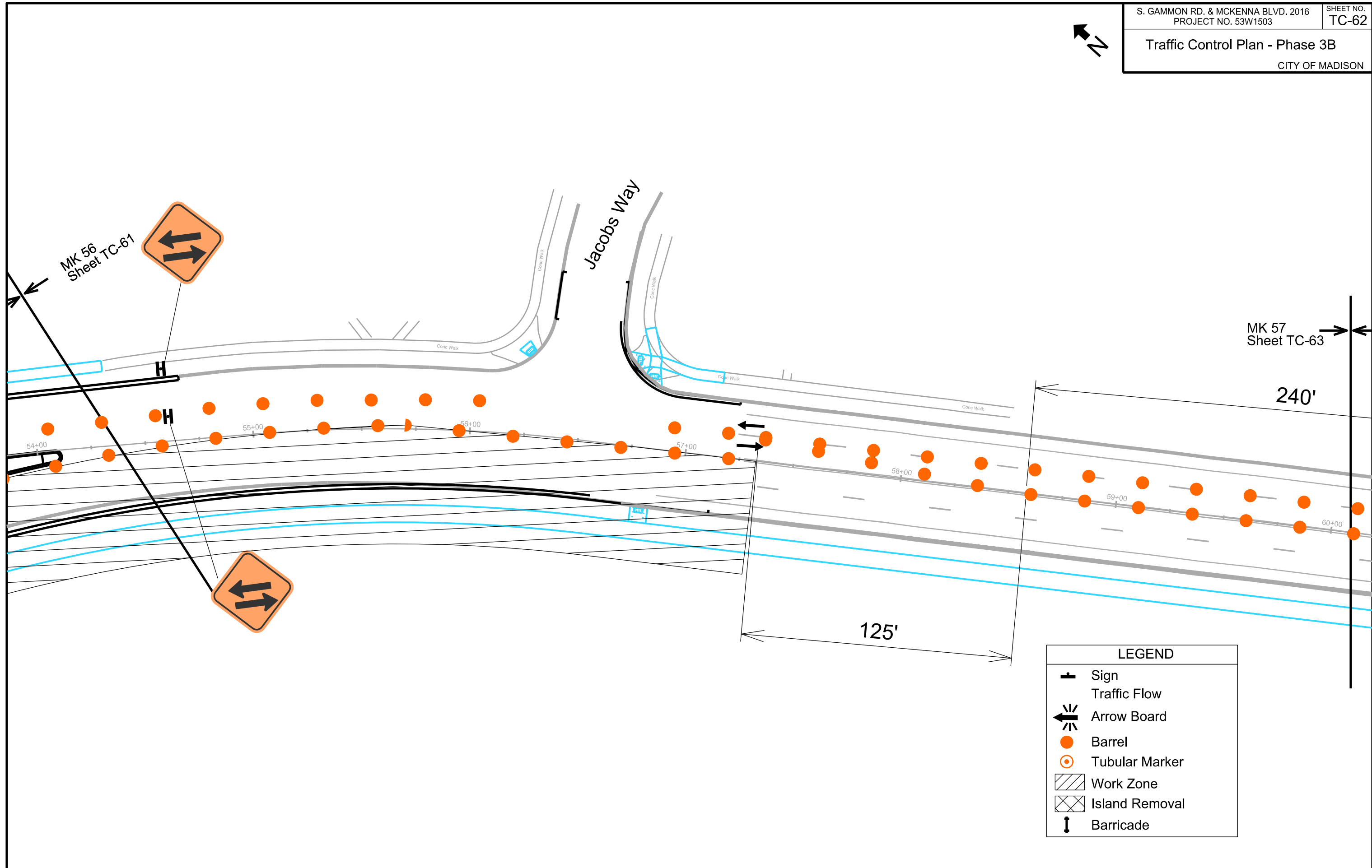


PLOT SCALE:

PLOT NAME:

REV. DATE:

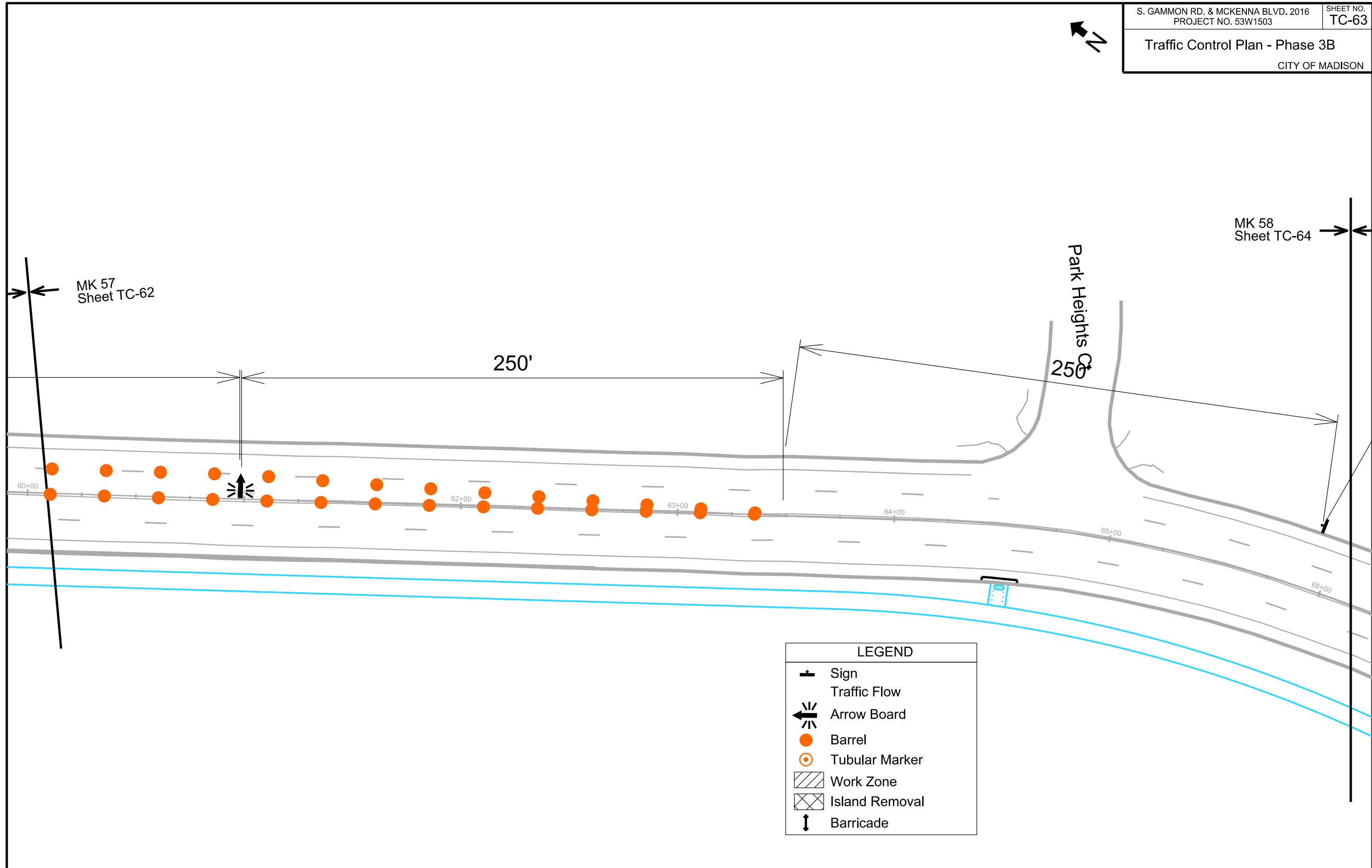
ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.



LEGEND	
	Sign
	Traffic Flow
	Arrow Board
	Barrel
	Tubular Marker
	Work Zone
	Island Removal
	Barricade



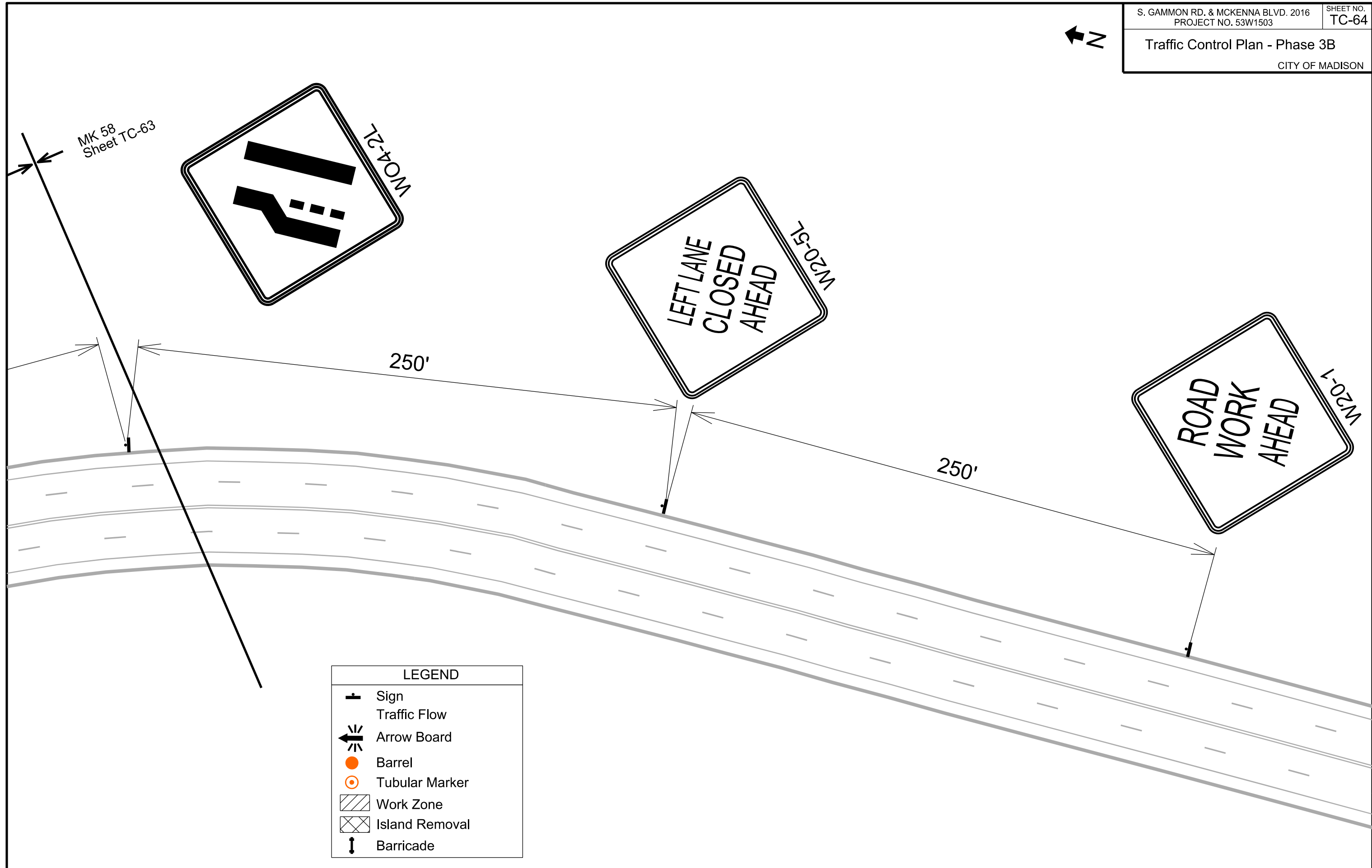
PLOT SCALE:
 PLOT NAME:
 REV. DATE:
 ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.



LEGEND	
	Sign
	Traffic Flow
	Arrow Board
	Barrel
	Tubular Marker
	Work Zone
	Island Removal
	Barricade

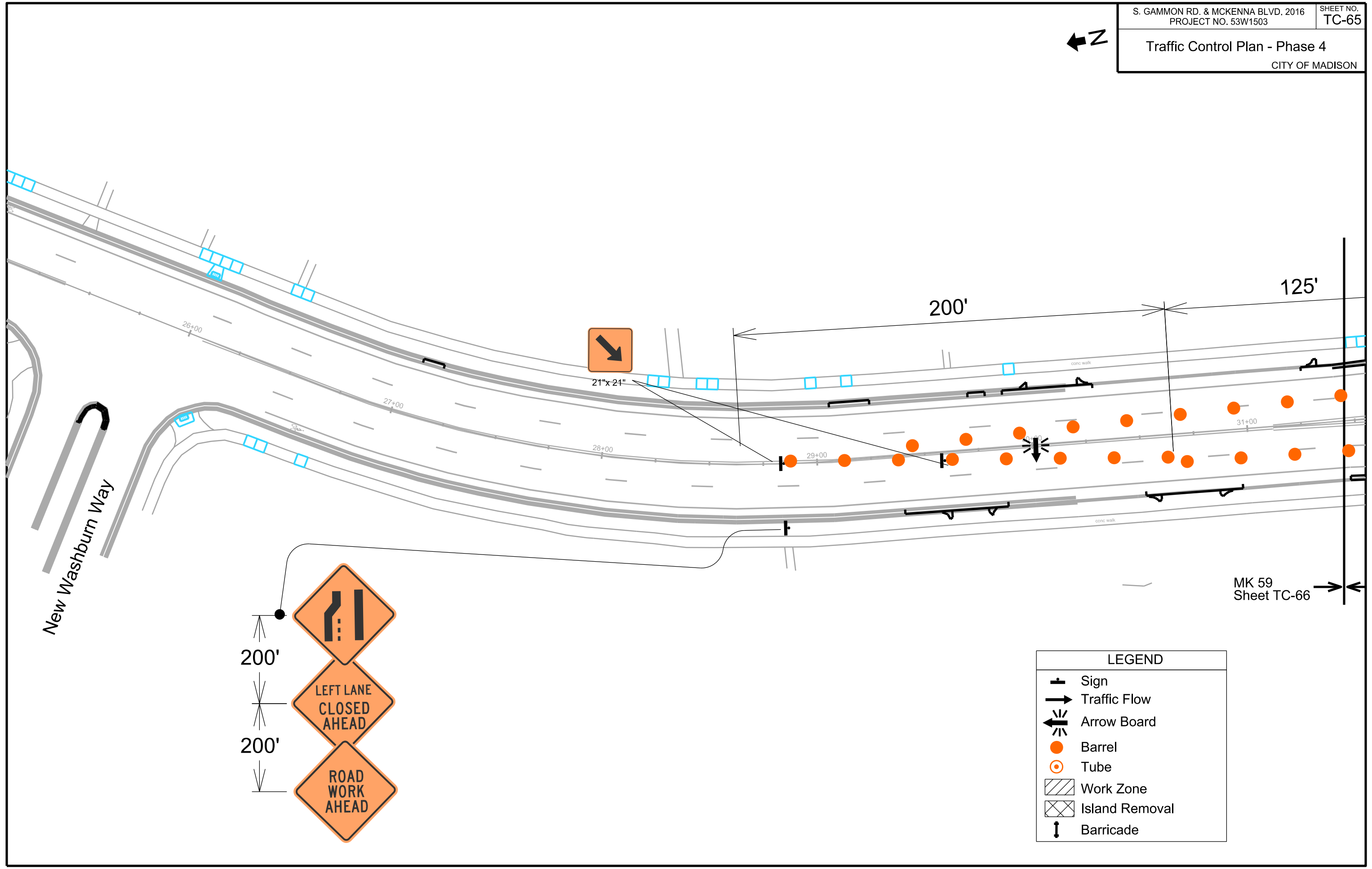


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REV. DATE:
ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.

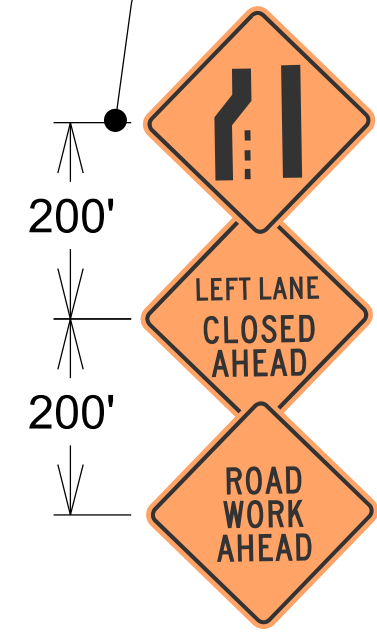




PLOT SCALE:
PLOT NAME:
REV. DATE:
ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.



New Washburn Way



LEGEND	
	Sign
	Traffic Flow
	Arrow Board
	Barrel
	Tube
	Work Zone
	Island Removal
	Barricade

MK 59
Sheet TC-66

Traffic Control Plan - Phase 4
CITY OF MADISON

PLOT SCALE:

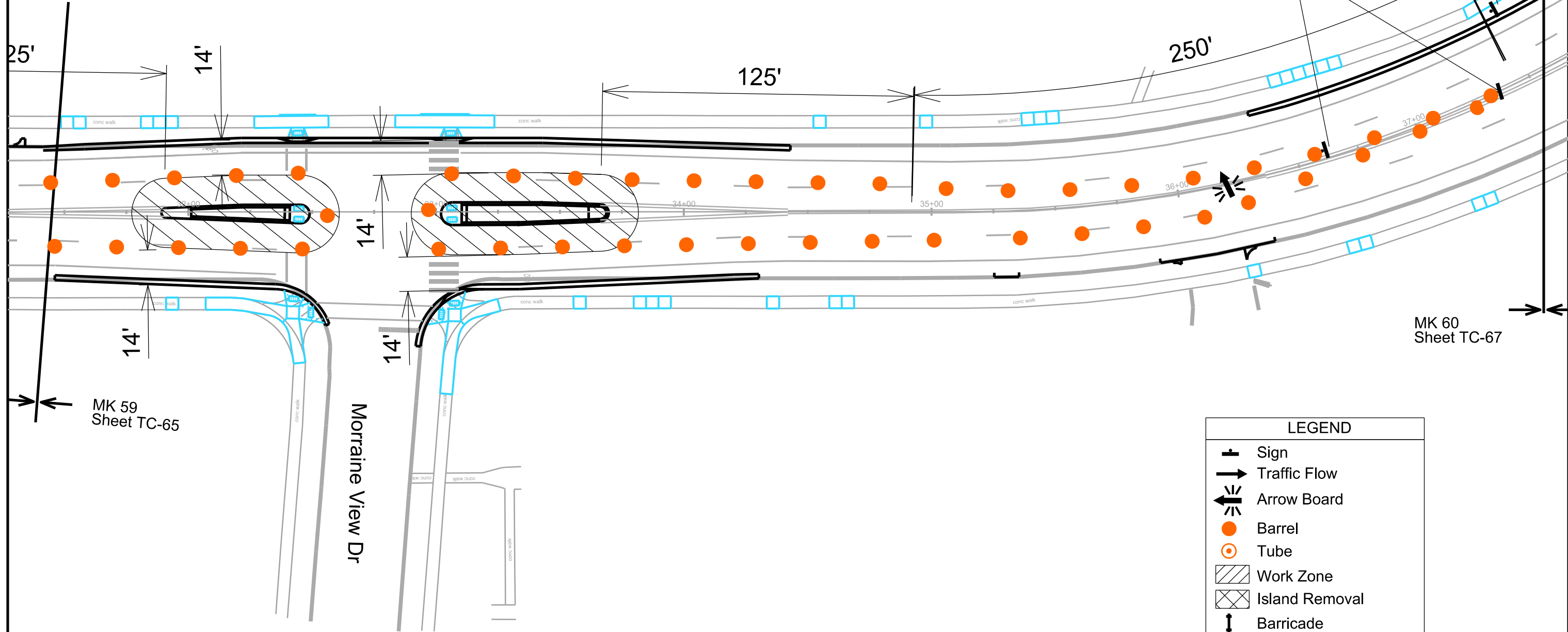
PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.



21"x 21"



MK 60
Sheet TC-67

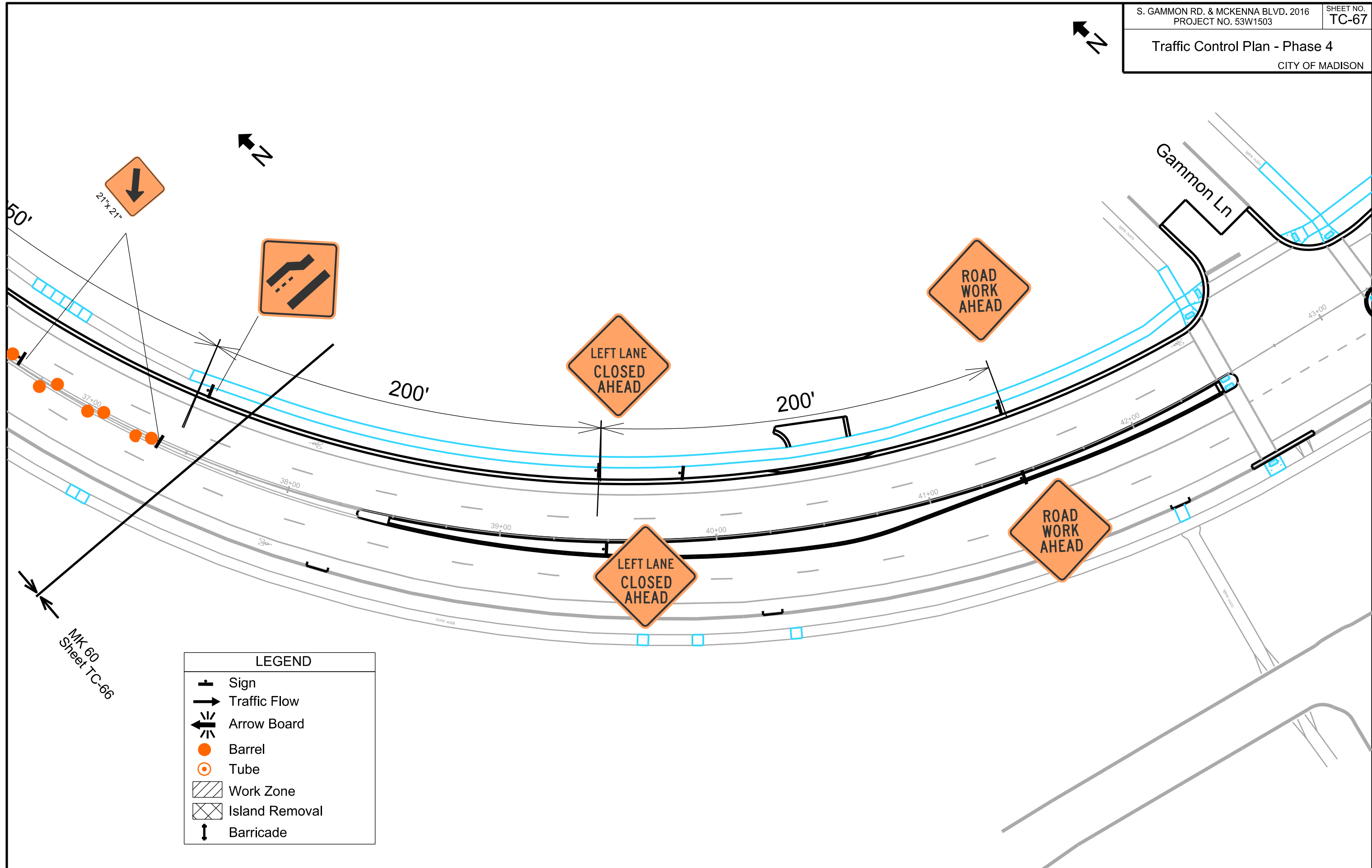
MK 59
Sheet TC-65

Morraine View Dr

LEGEND	
	Sign
	Traffic Flow
	Arrow Board
	Barrel
	Tube
	Work Zone
	Island Removal
	Barricade



PLOT SCALE: 50'
PLOT NAME:
REV. DATE:
ORIGINATOR: CITY OF MADISON, TRAFFIC ENG. DIV.



LEGEND	
	Sign
	Traffic Flow
	Arrow Board
	Barrel
	Tube
	Work Zone
	Island Removal
	Barricade

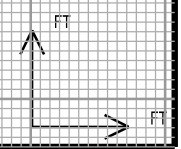
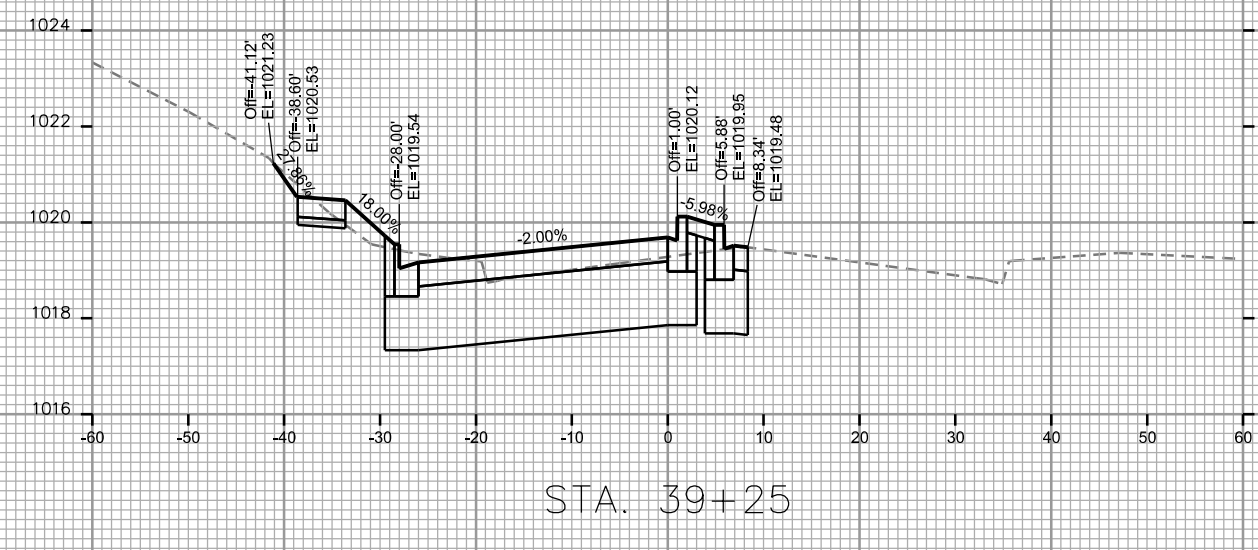
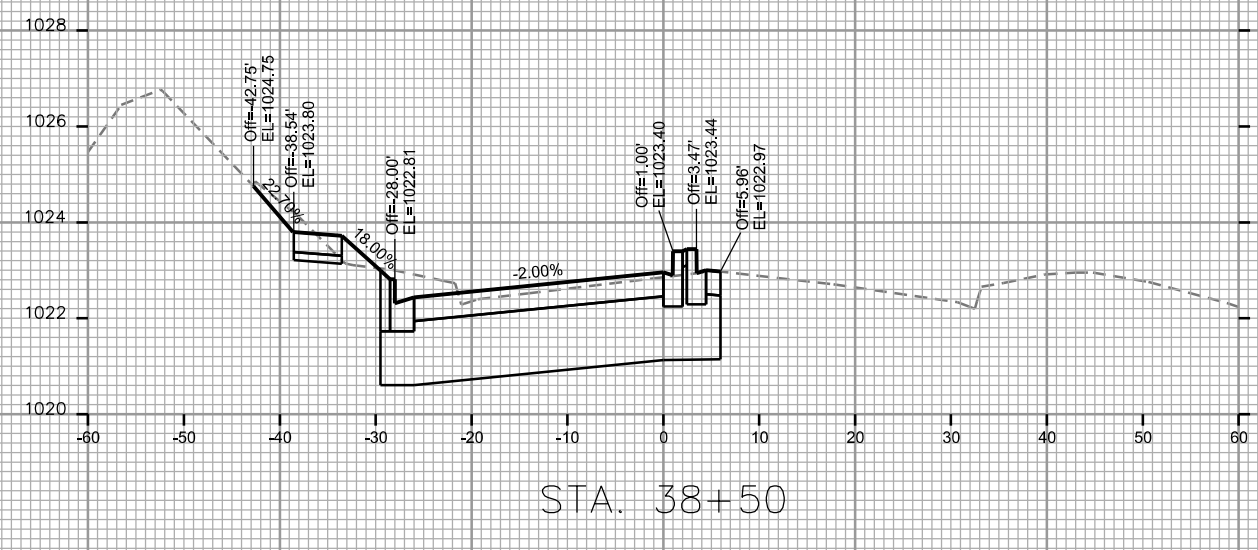
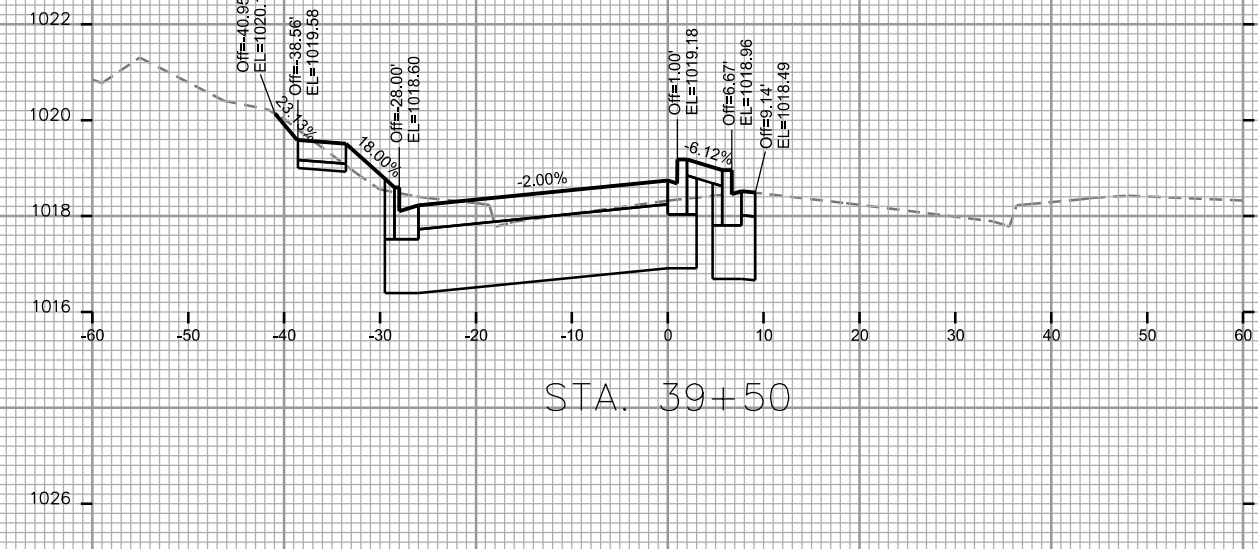
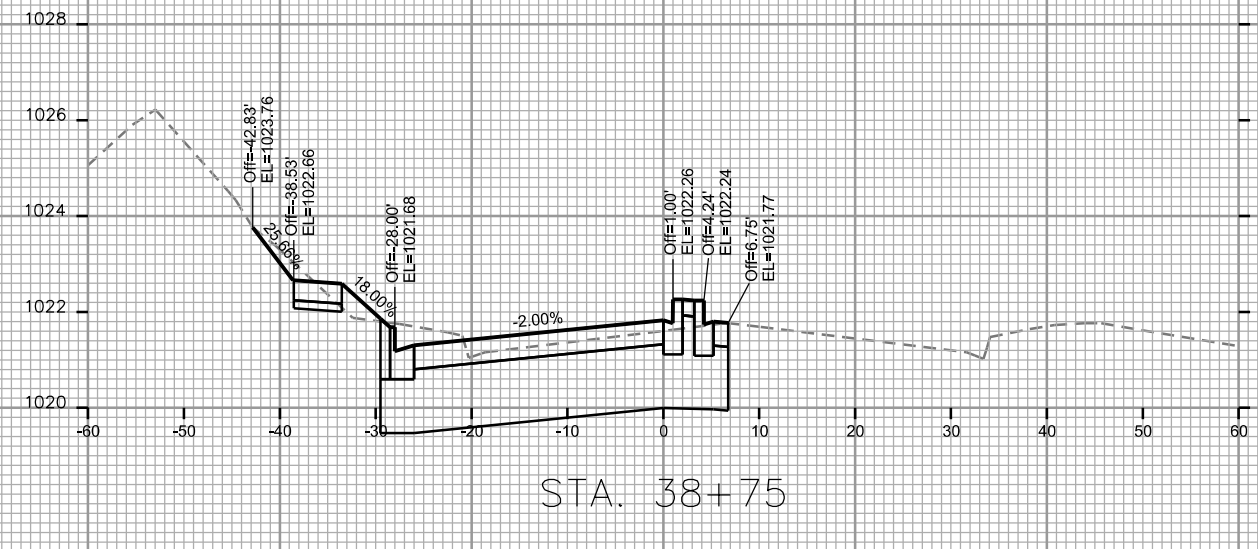
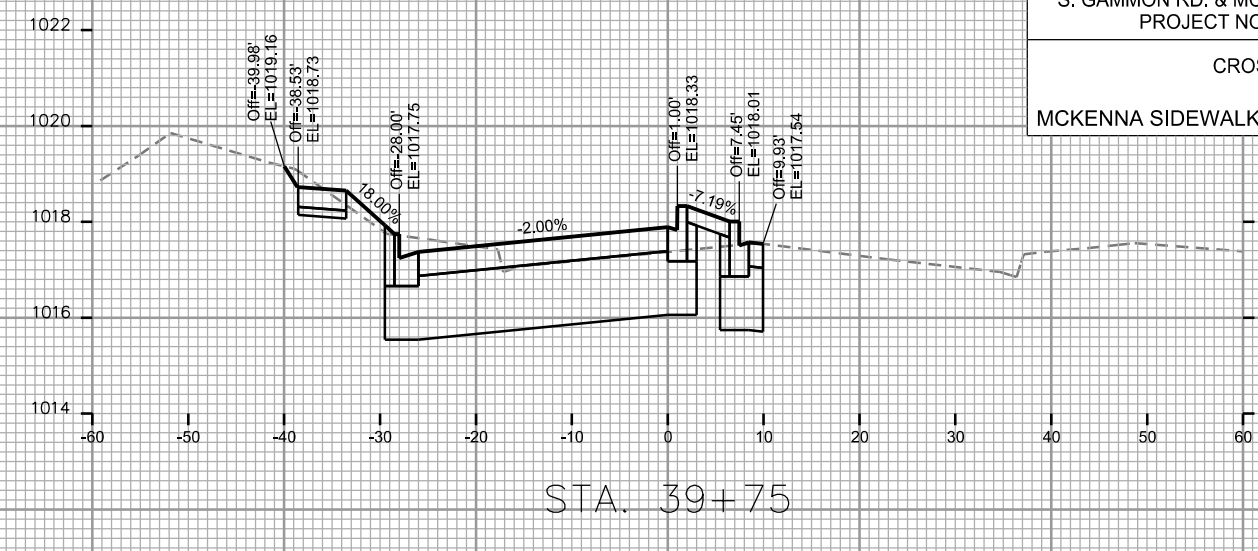
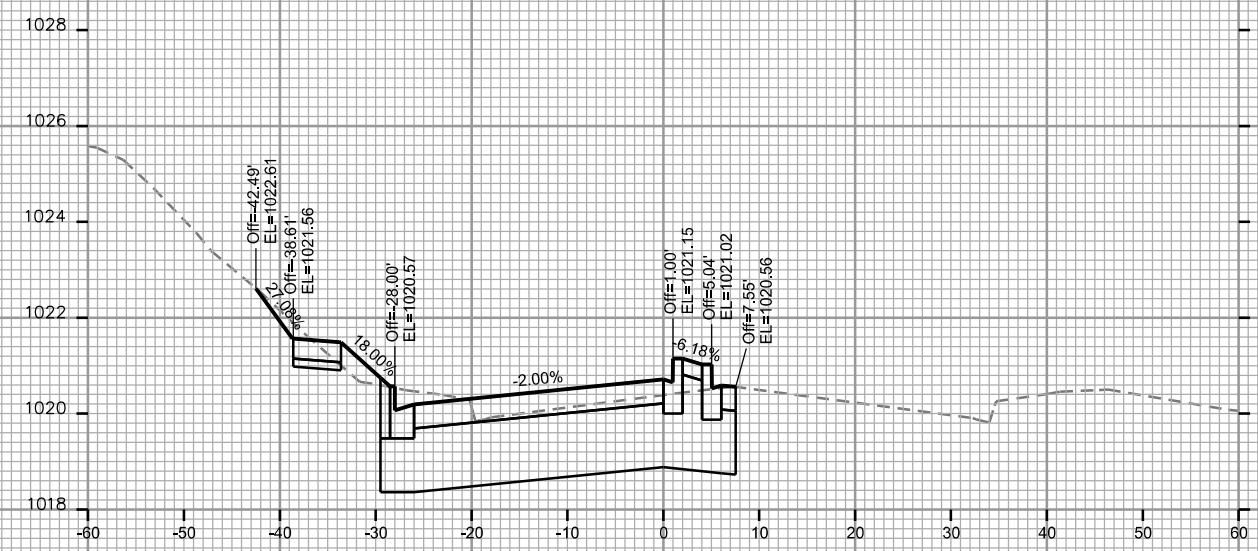
CROSS SECTIONS
 MCKENNA SIDEWALK CITY OF MADISON

PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



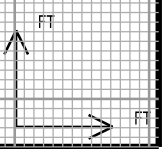
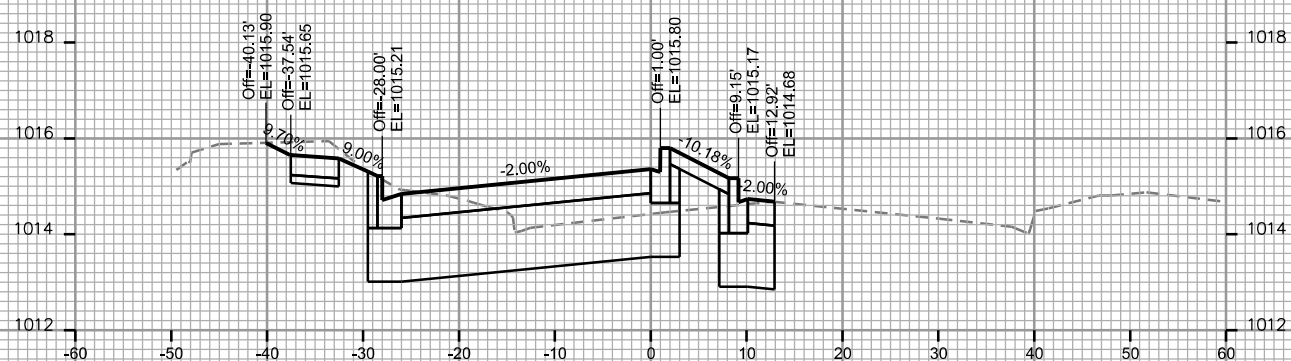
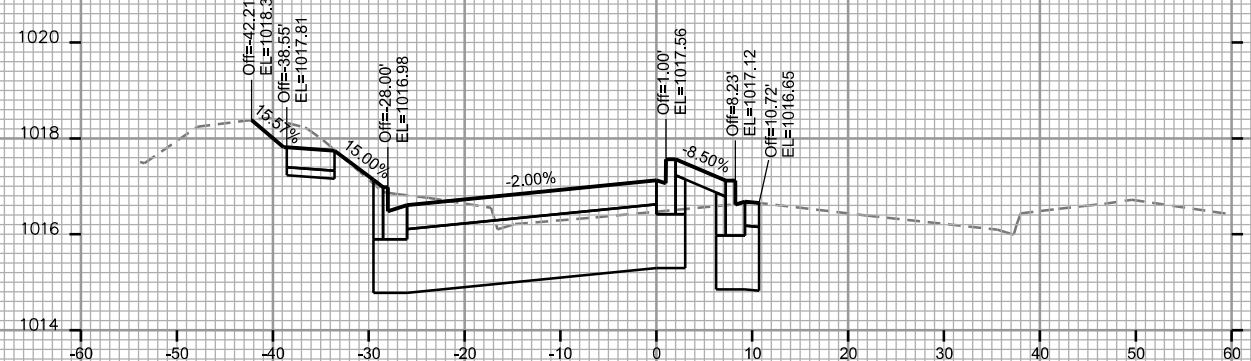
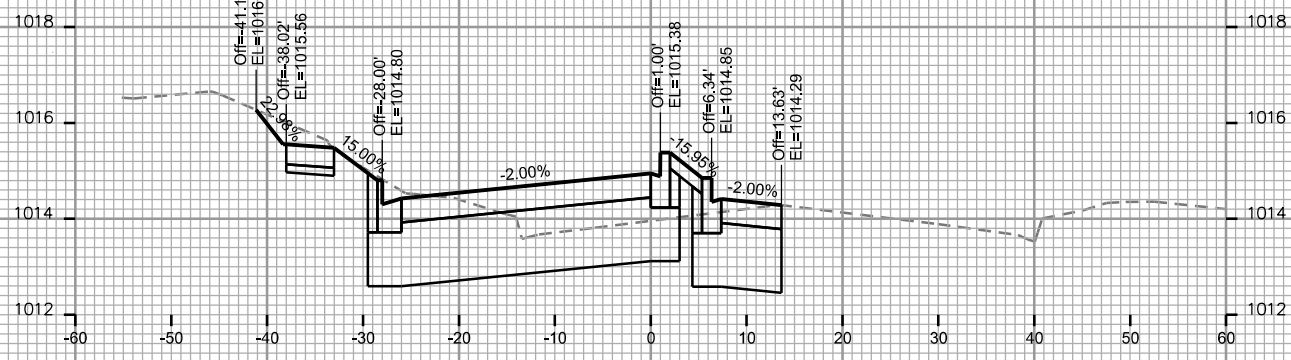
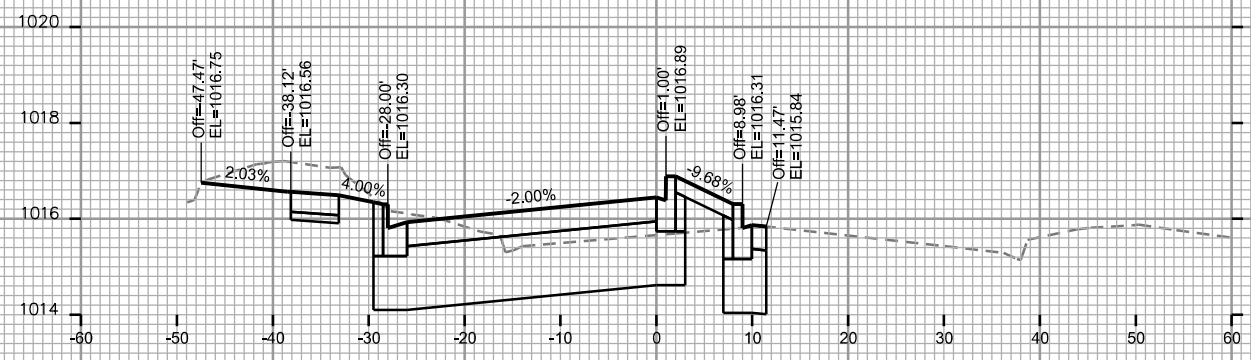
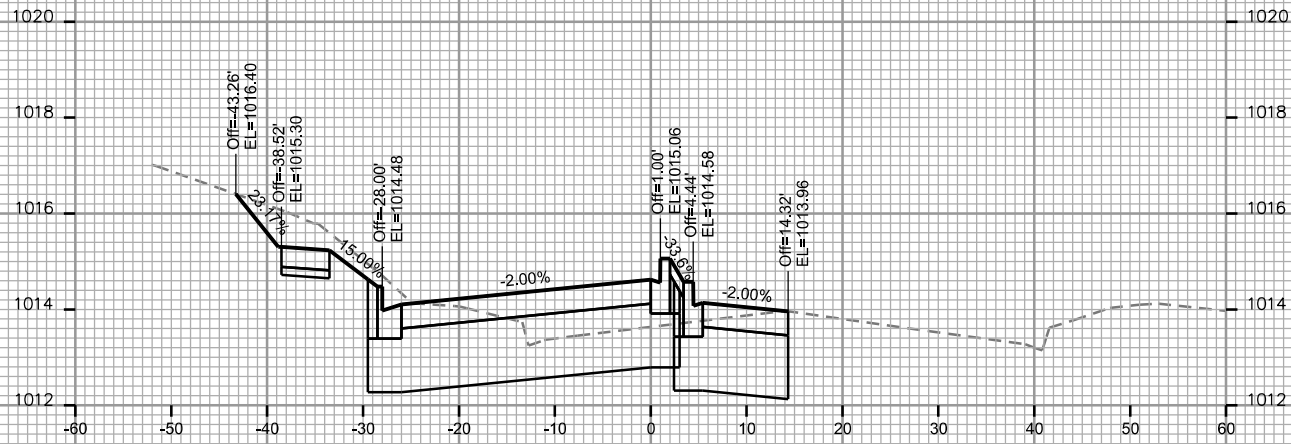
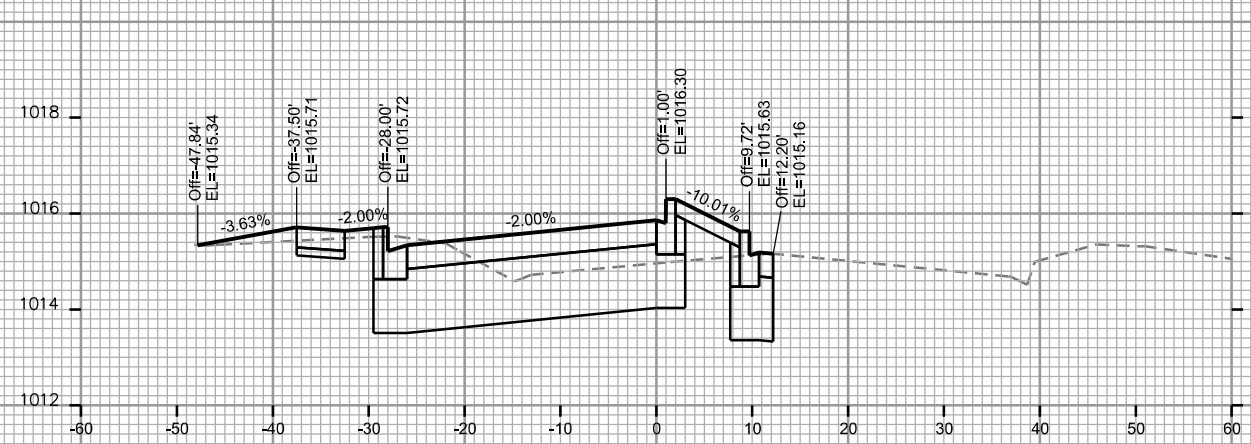
CROSS SECTIONS
MCKENNA SIDEWALK CITY OF MADISON

PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



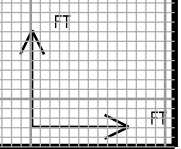
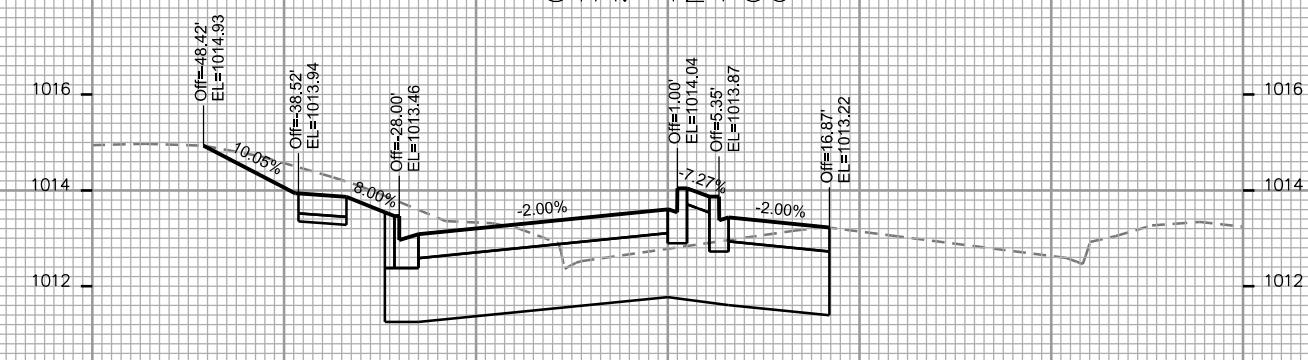
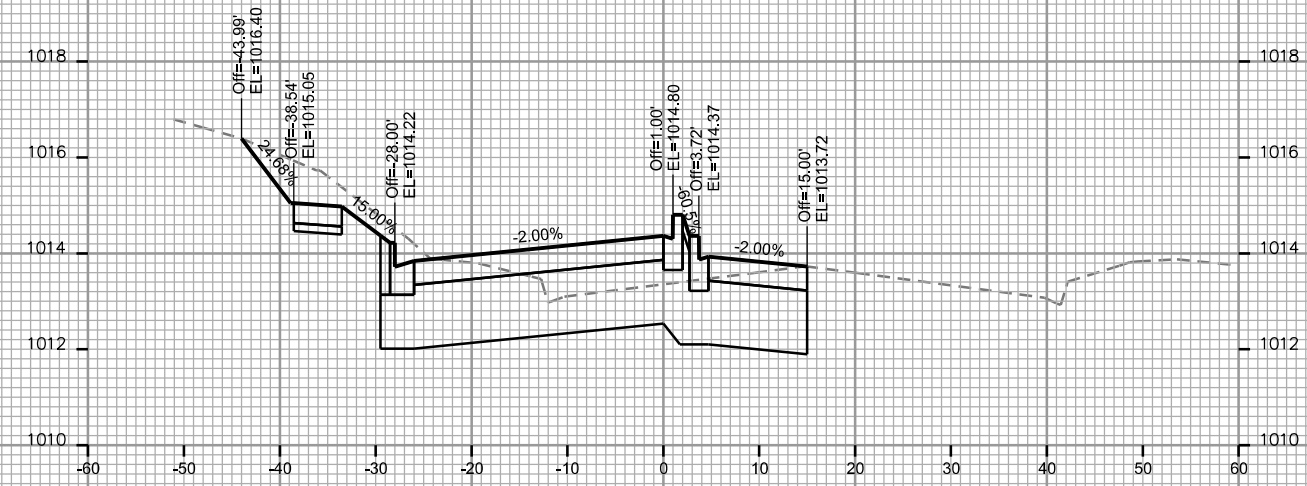
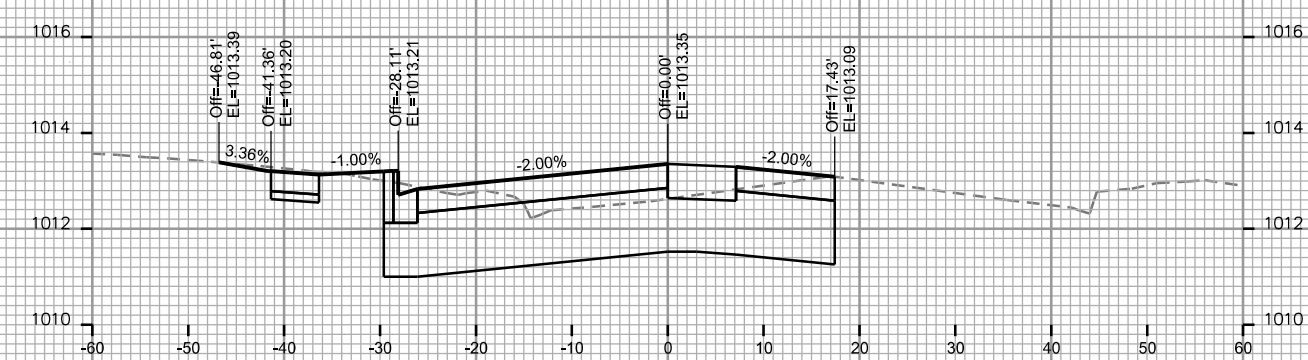
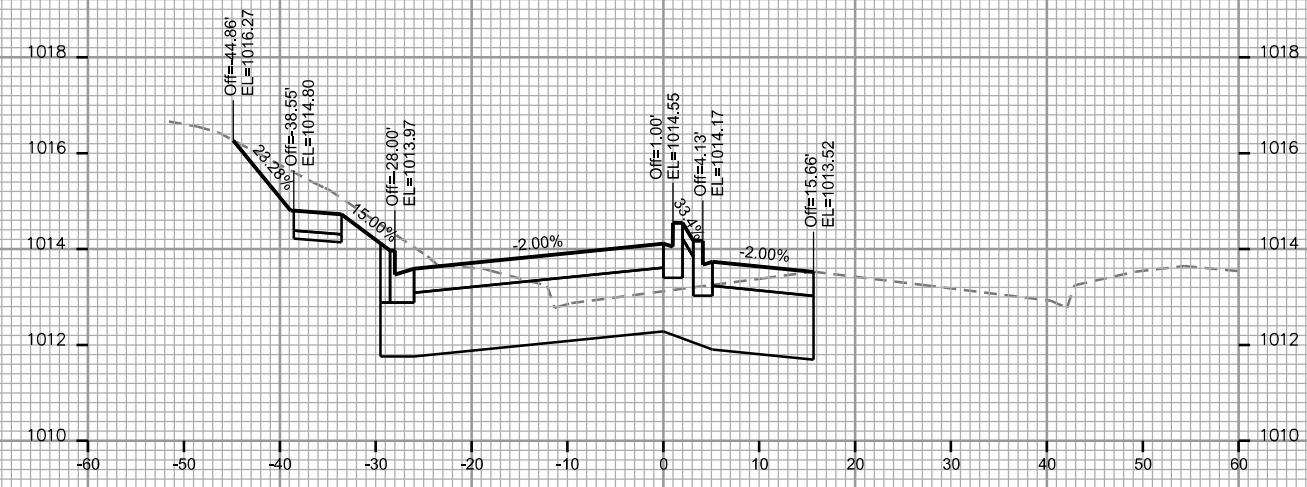
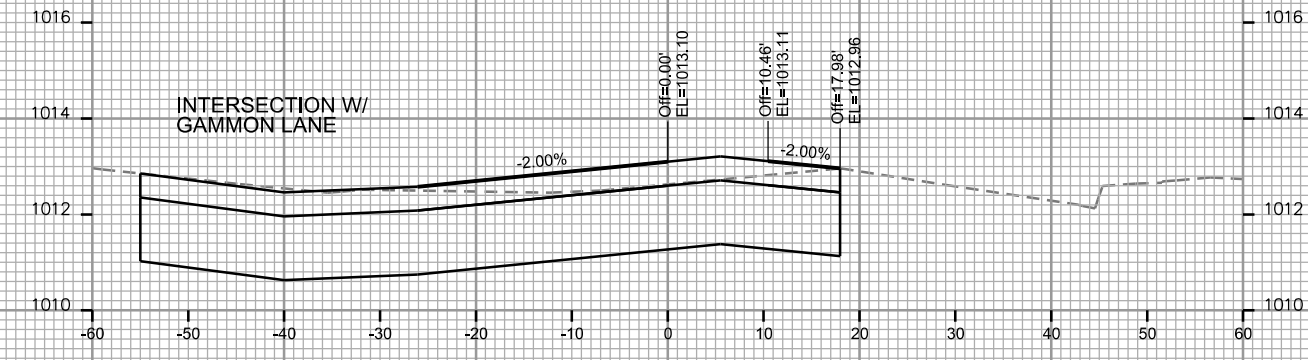
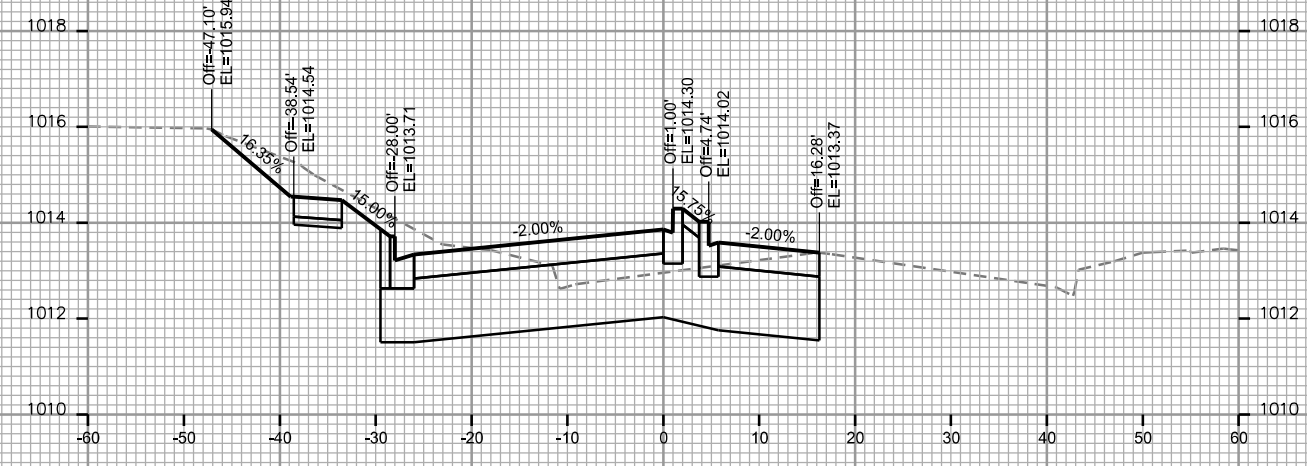
CROSS SECTIONS
MCKENNA SIDEWALK CITY OF MADISON

PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



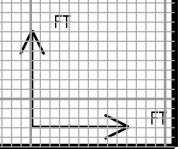
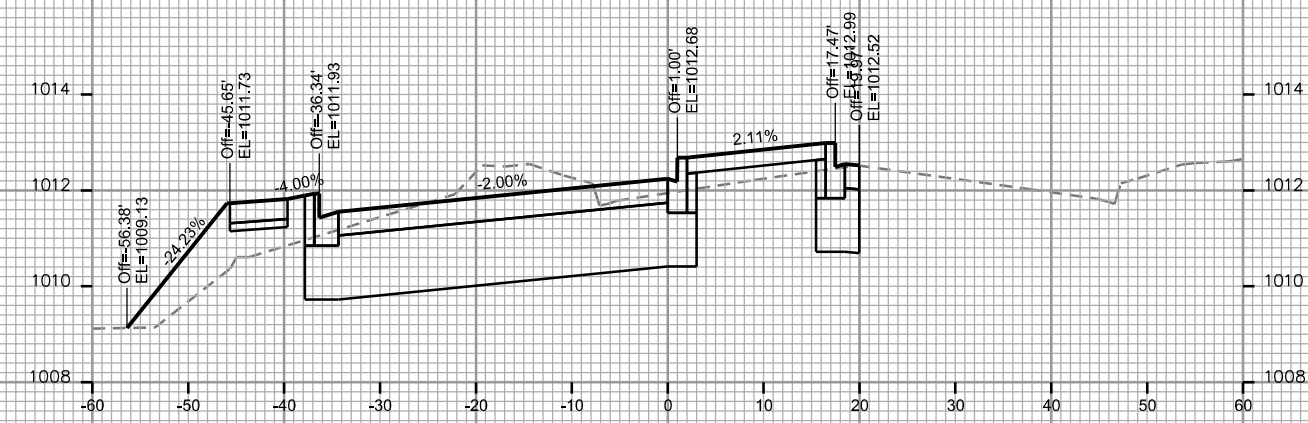
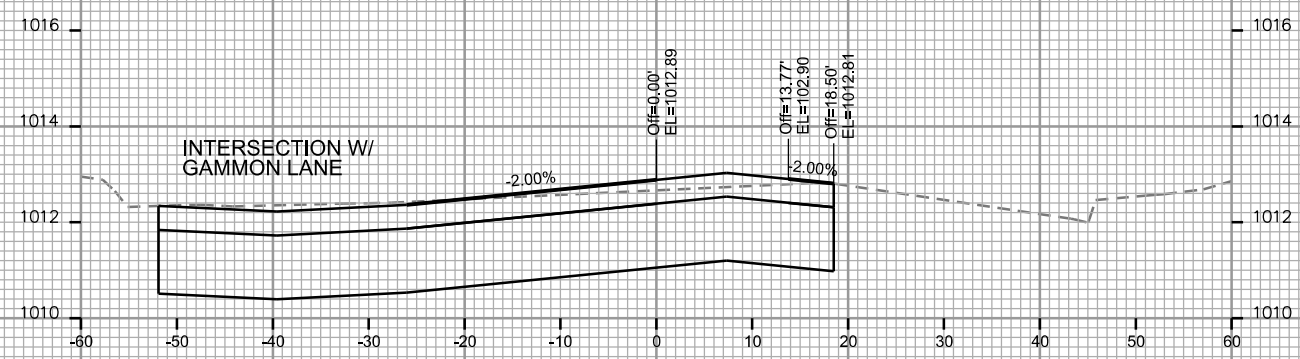
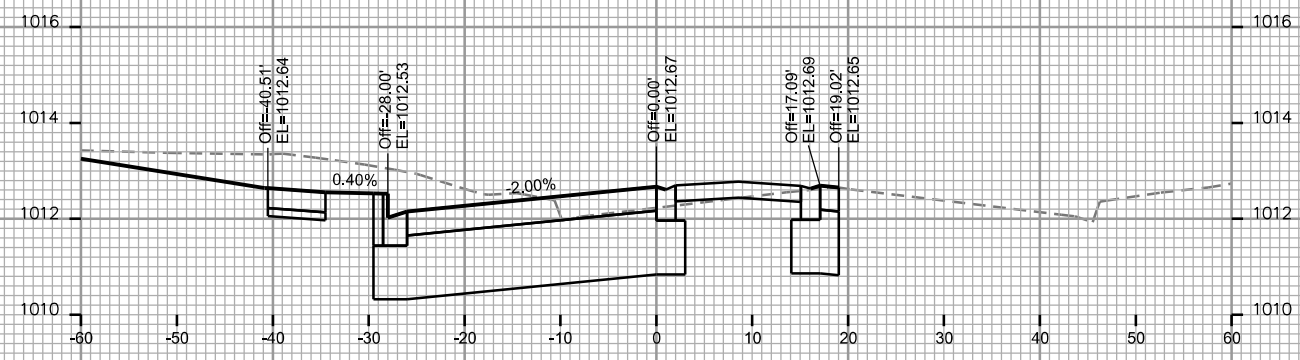
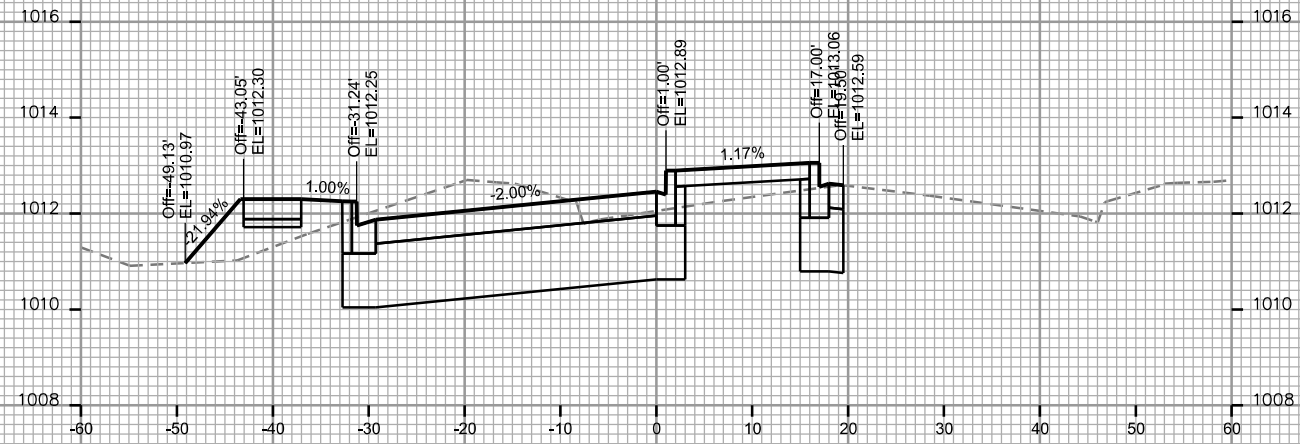
CROSS SECTIONS
MCKENNA SIDEWALK CITY OF MADISON

PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



CROSS SECTIONS

MCKENNA SIDEWALK

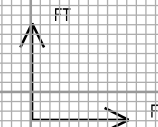
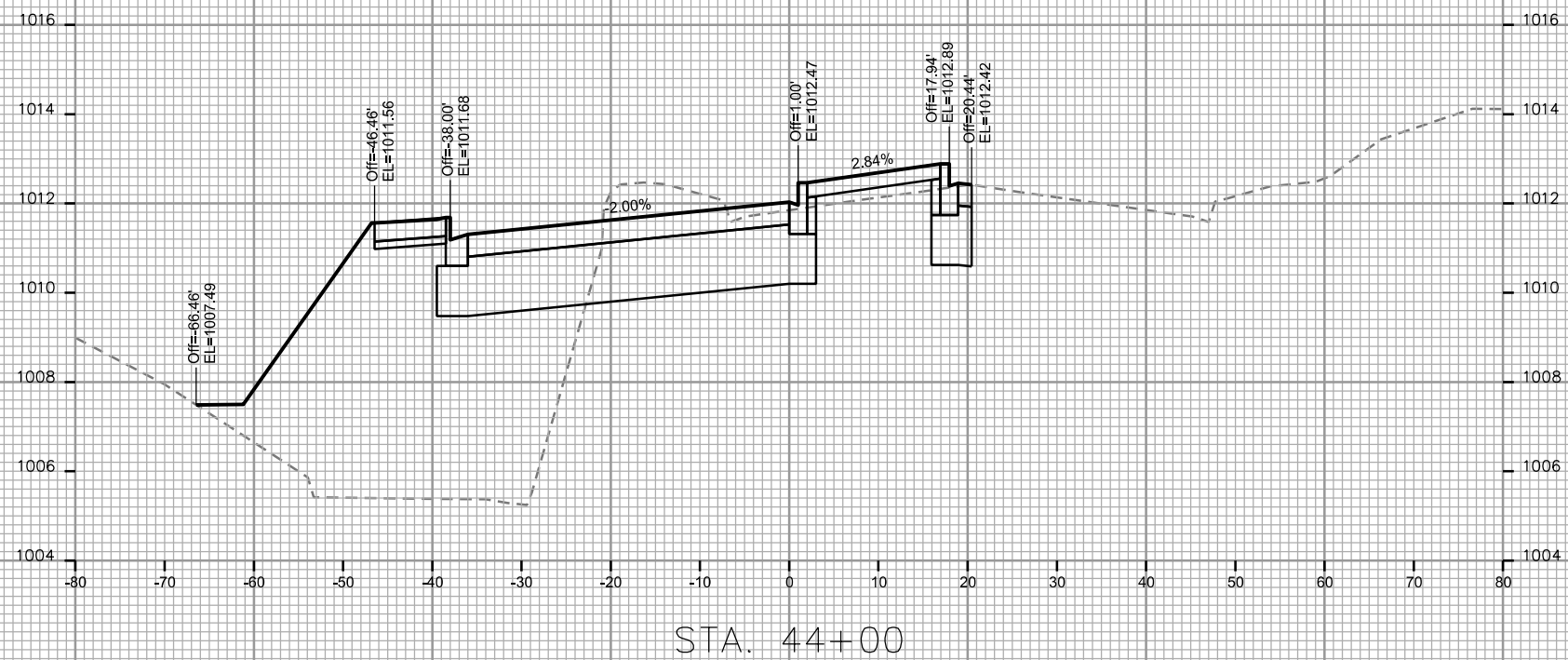
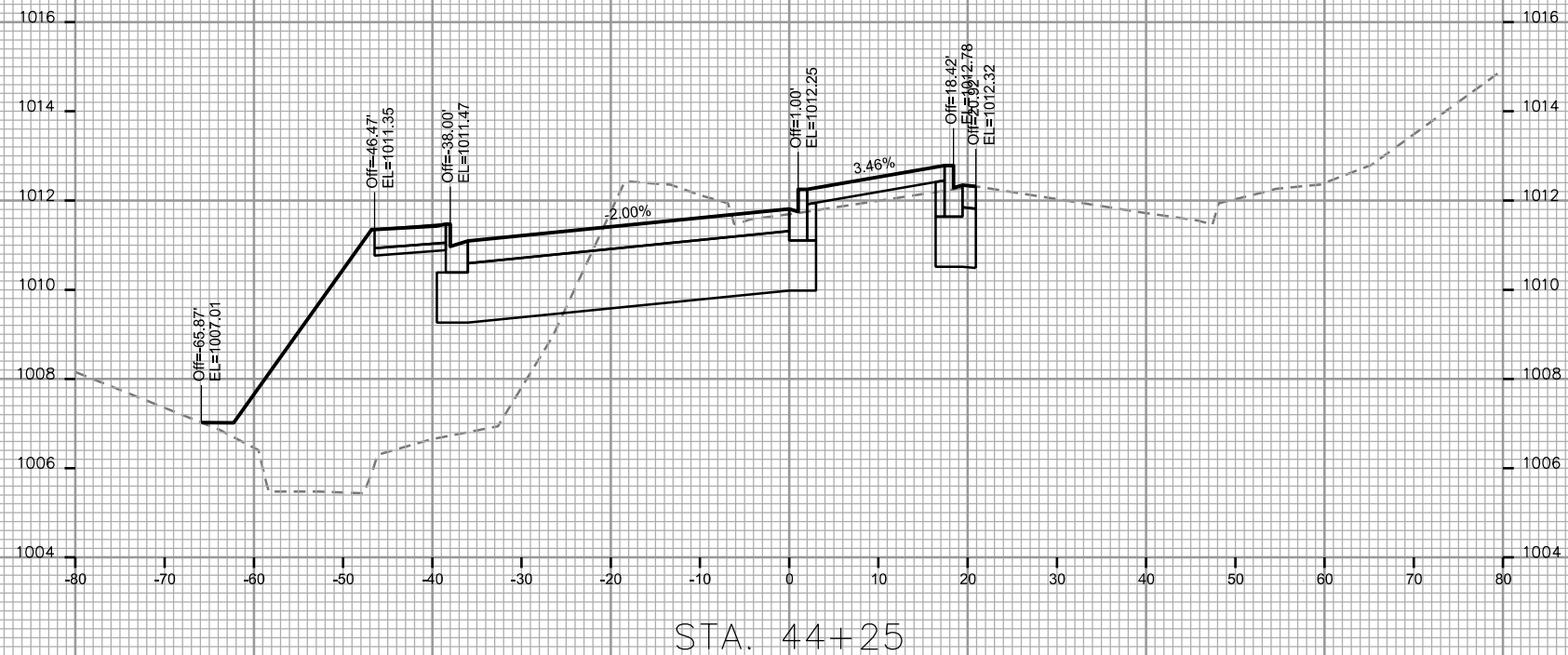
CITY OF MADISON

PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



CROSS SECTIONS

MCKENNA SIDEWALK

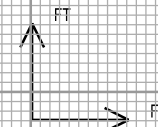
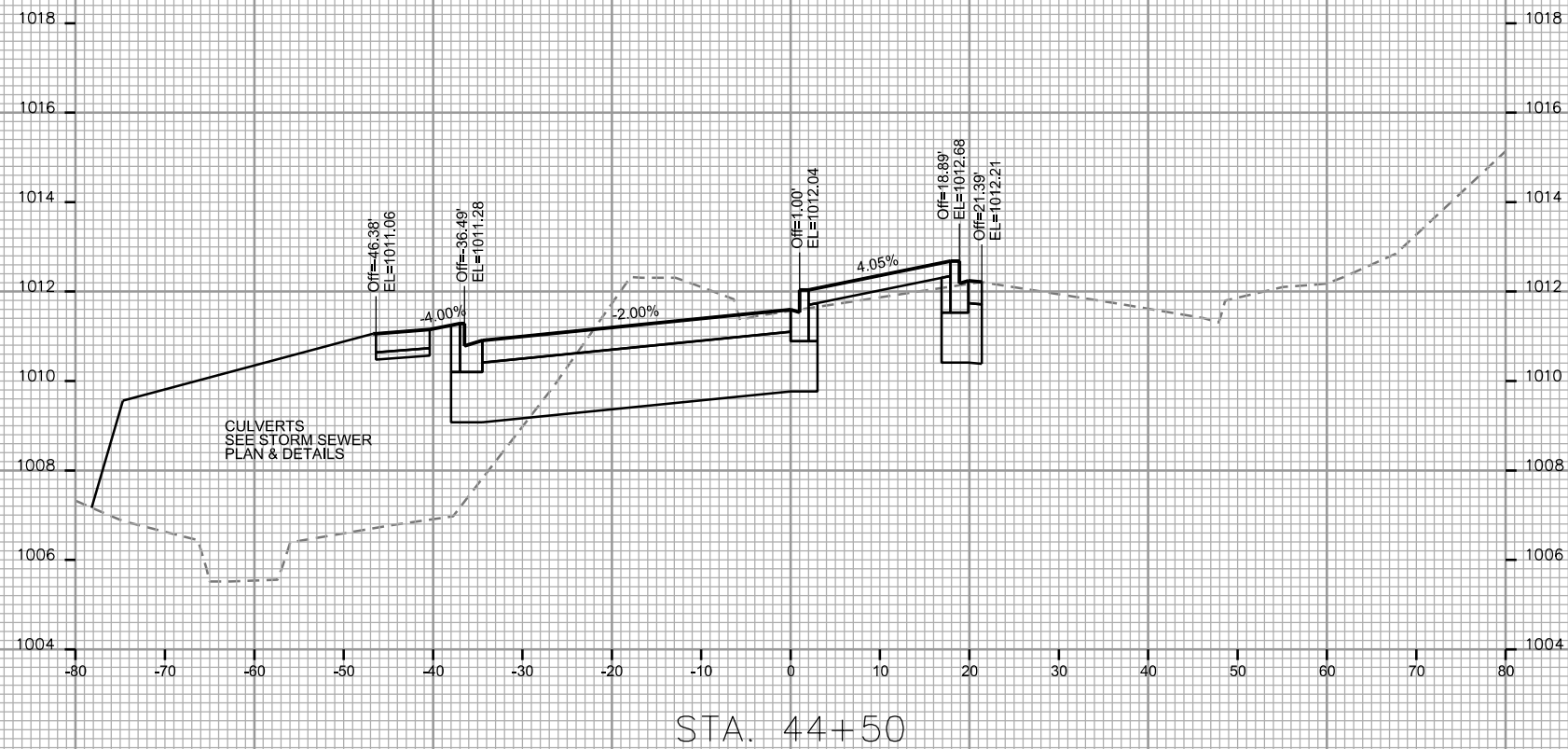
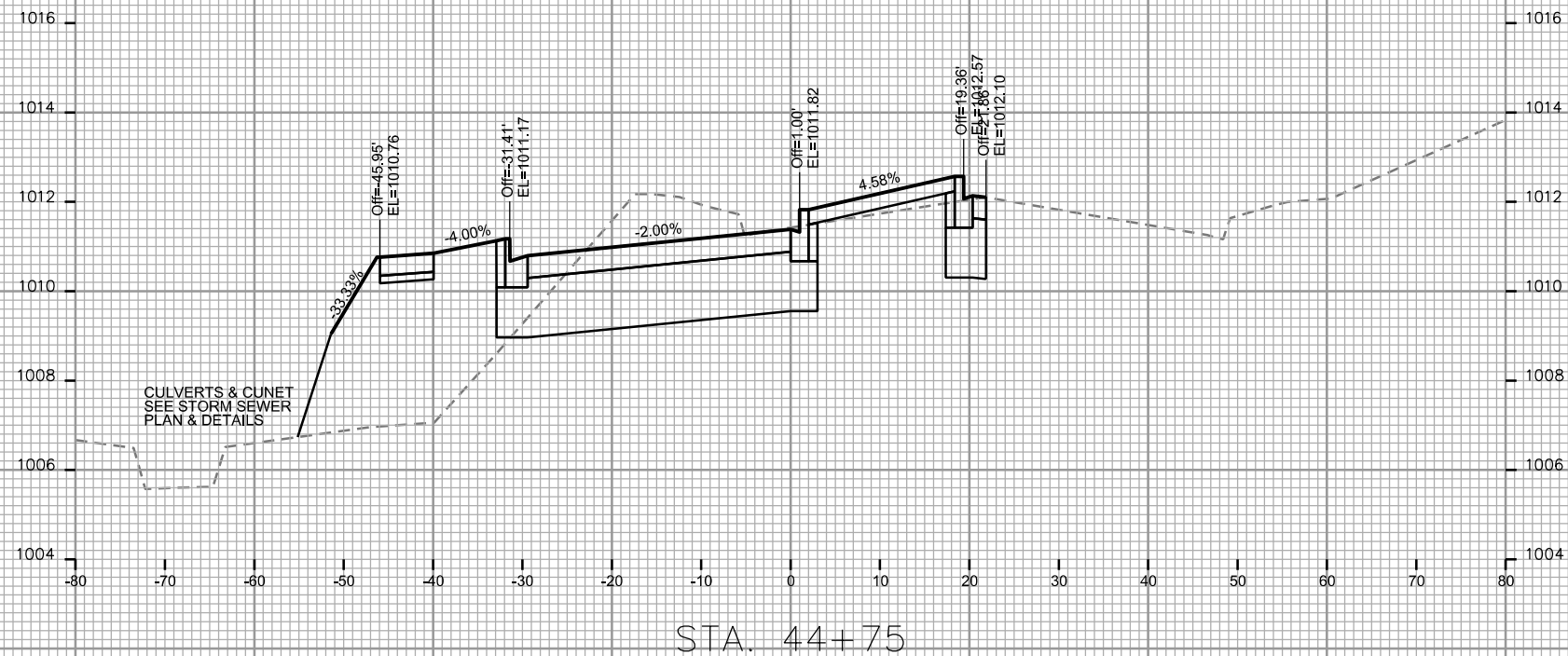
CITY OF MADISON

PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



CROSS SECTIONS

MCKENNA SIDEWALK

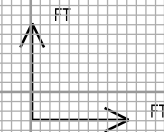
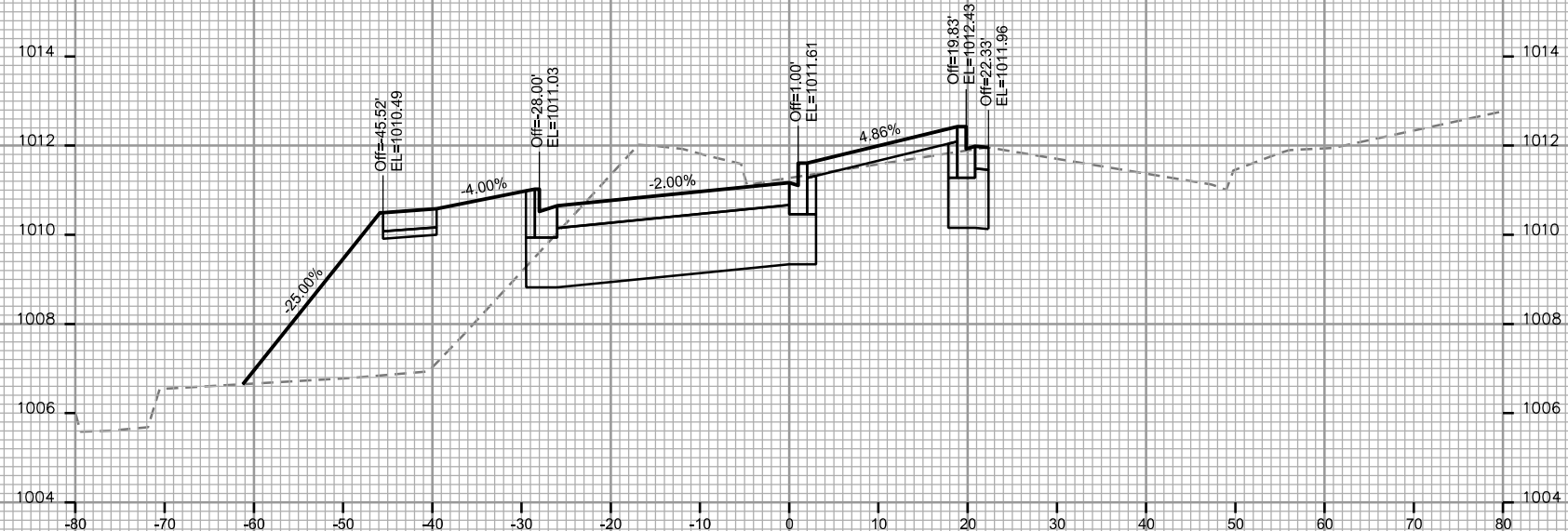
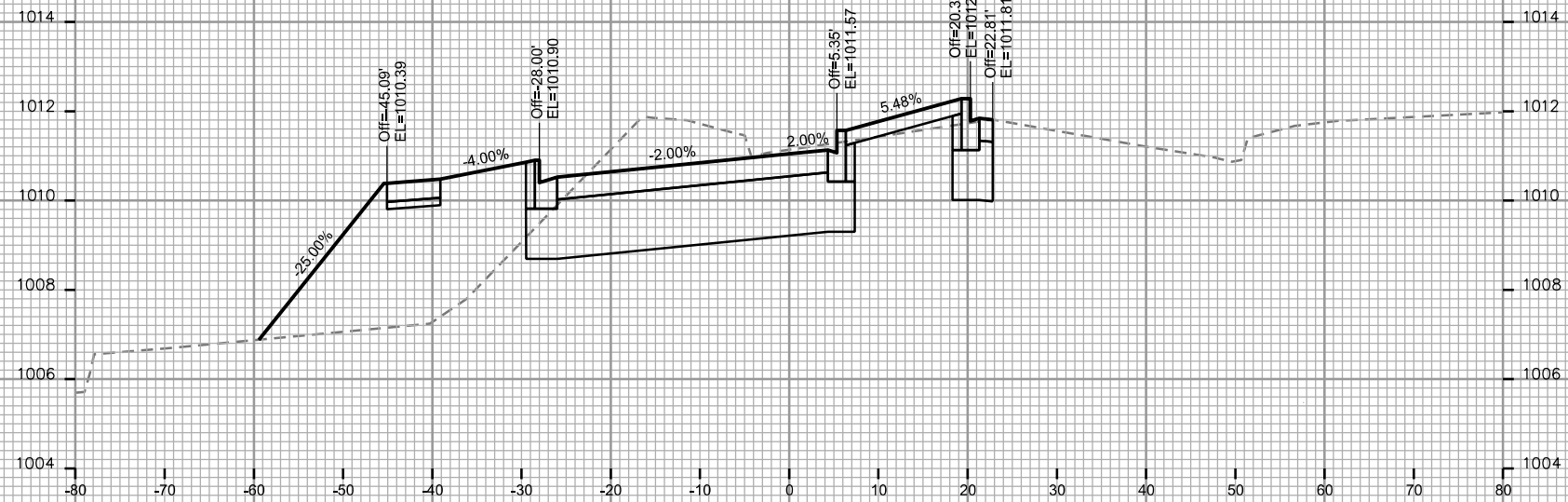
CITY OF MADISON

PLOT SCALE:

PLOT NAME:

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ORIGINATOR: CITY OF MADISON, STREETS DIVISION



CROSS SECTIONS

MCKENNA SIDEWALK

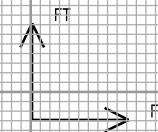
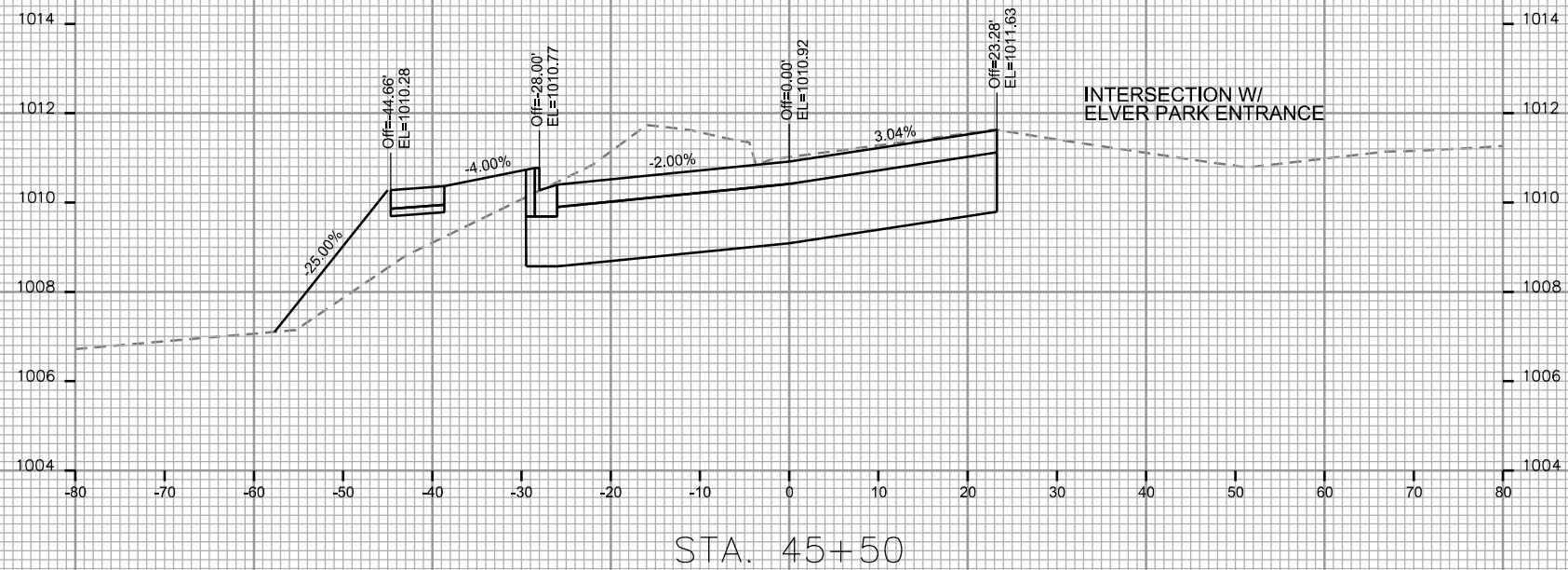
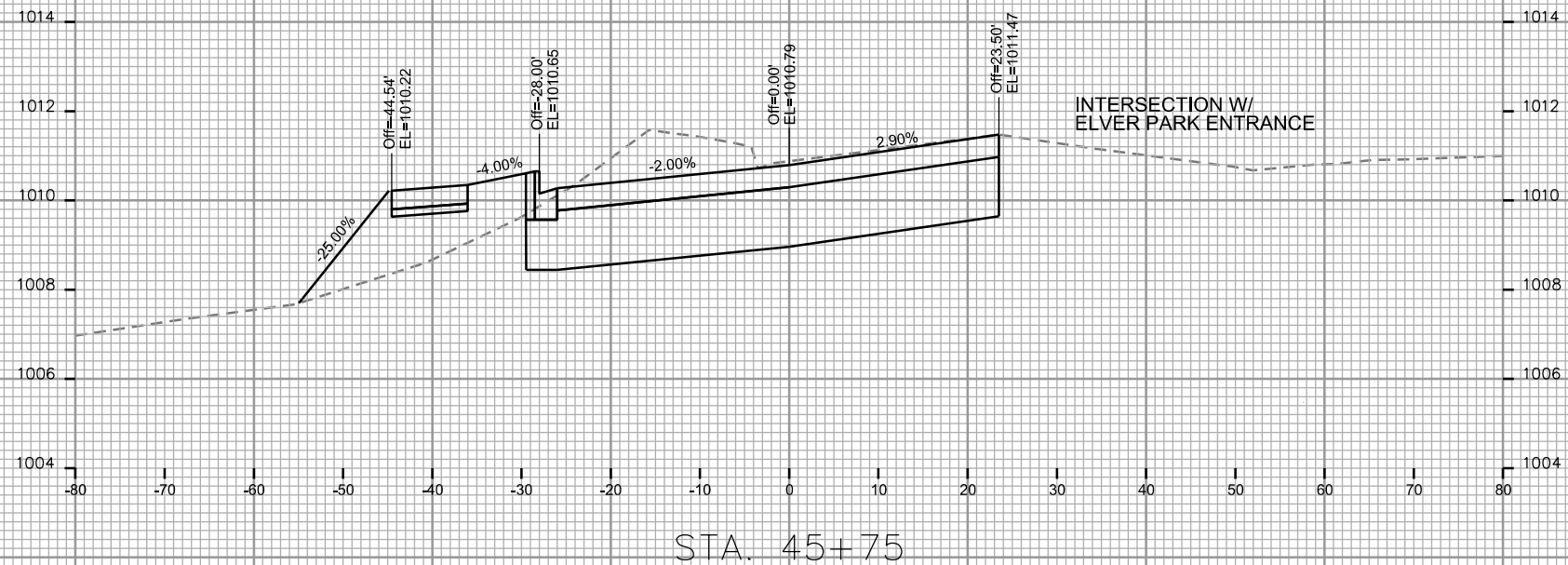
CITY OF MADISON

PLOT SCALE:

PLOT NAME:

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ORIGINATOR: CITY OF MADISON, STREETS DIVISION



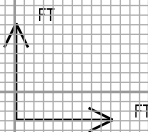
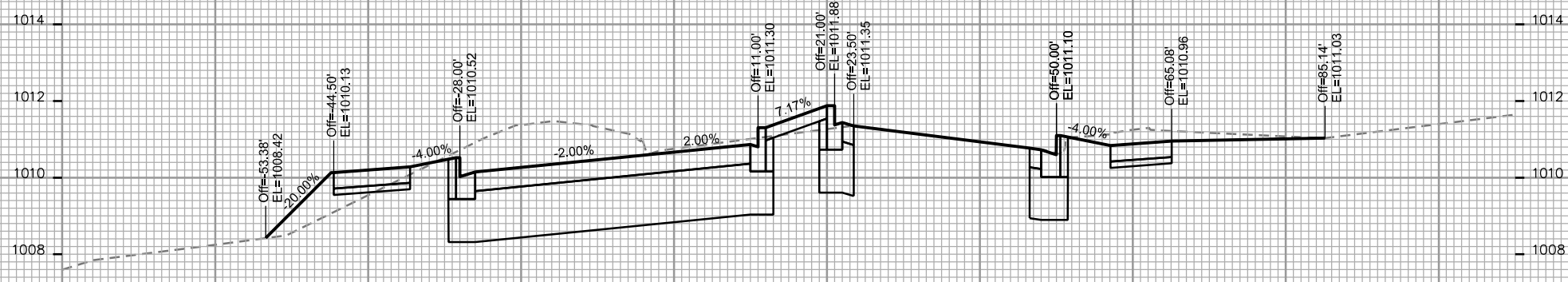
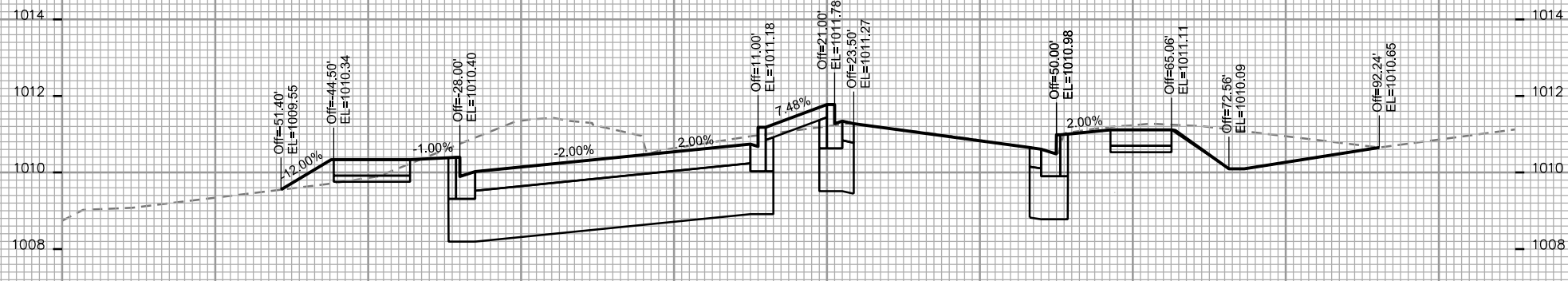
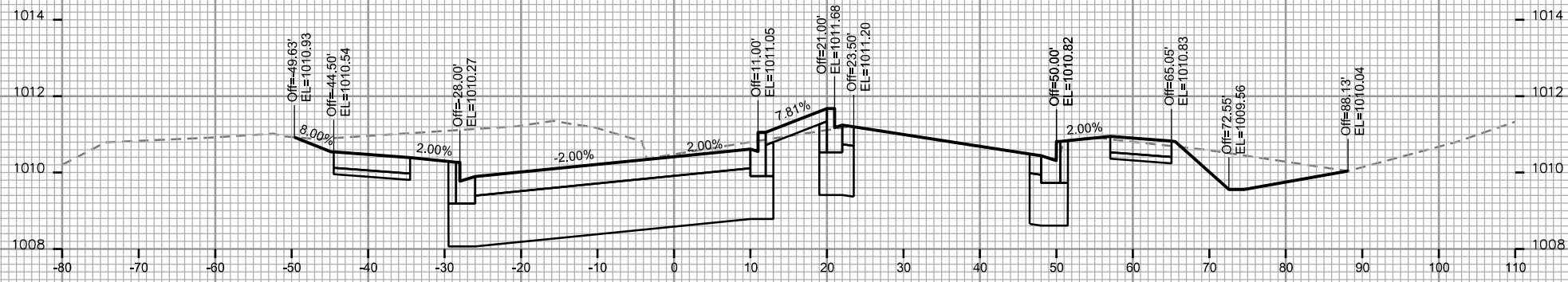
CROSS SECTIONS
MCKENNA SIDEWALK CITY OF MADISON

PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



CROSS SECTIONS

MCKENNA SIDEWALK

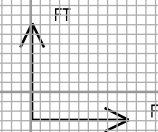
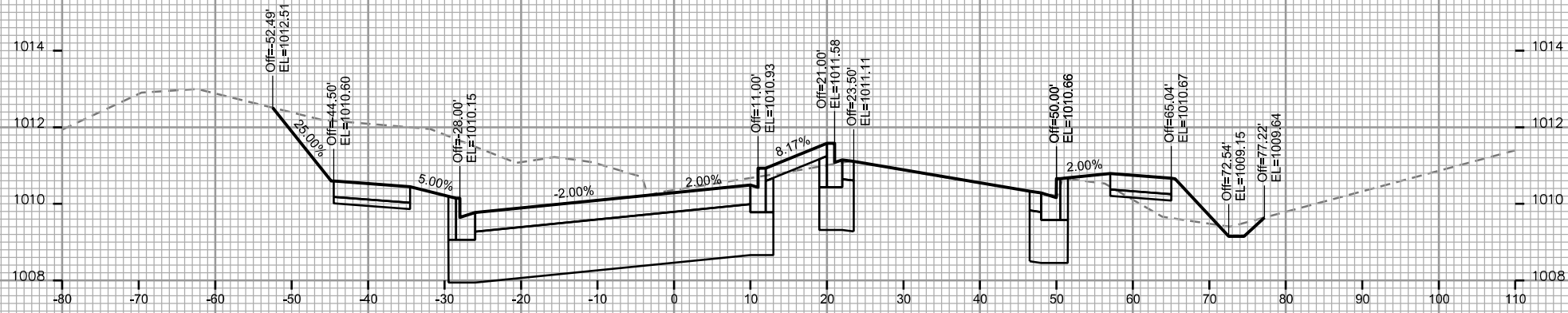
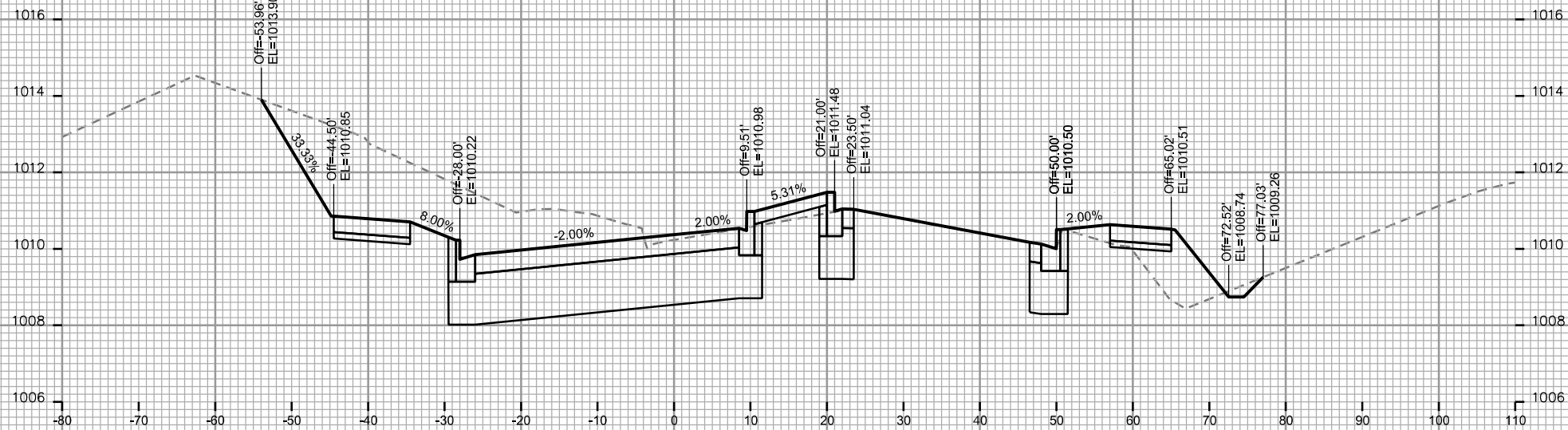
CITY OF MADISON

PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

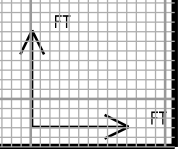
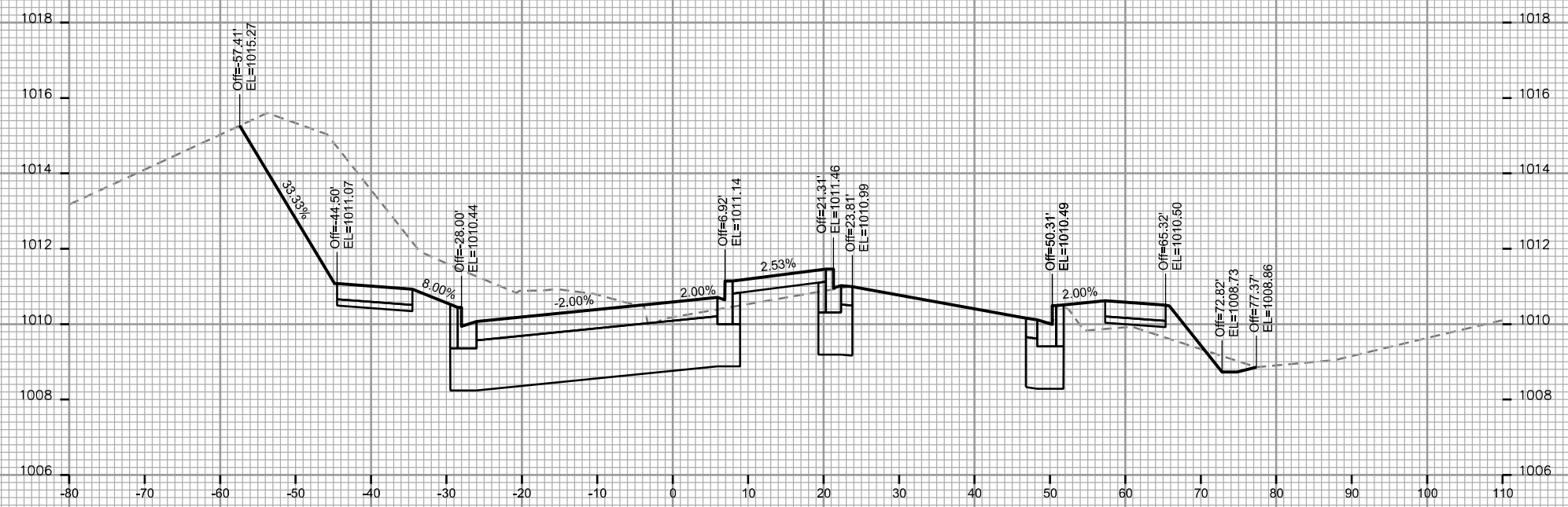
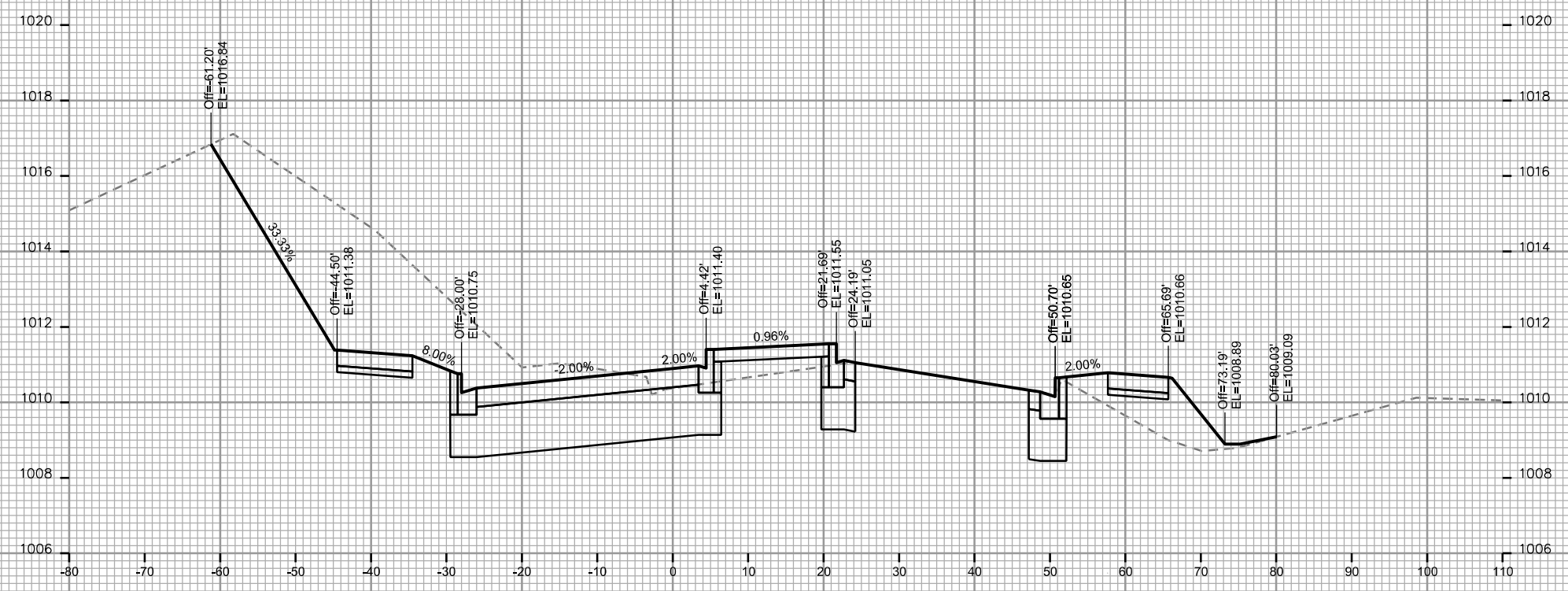


CROSS SECTIONS
MCKENNA SIDEWALK CITY OF MADISON

PLOT SCALE:
PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



CROSS SECTIONS

MCKENNA SIDEWALK

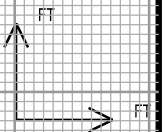
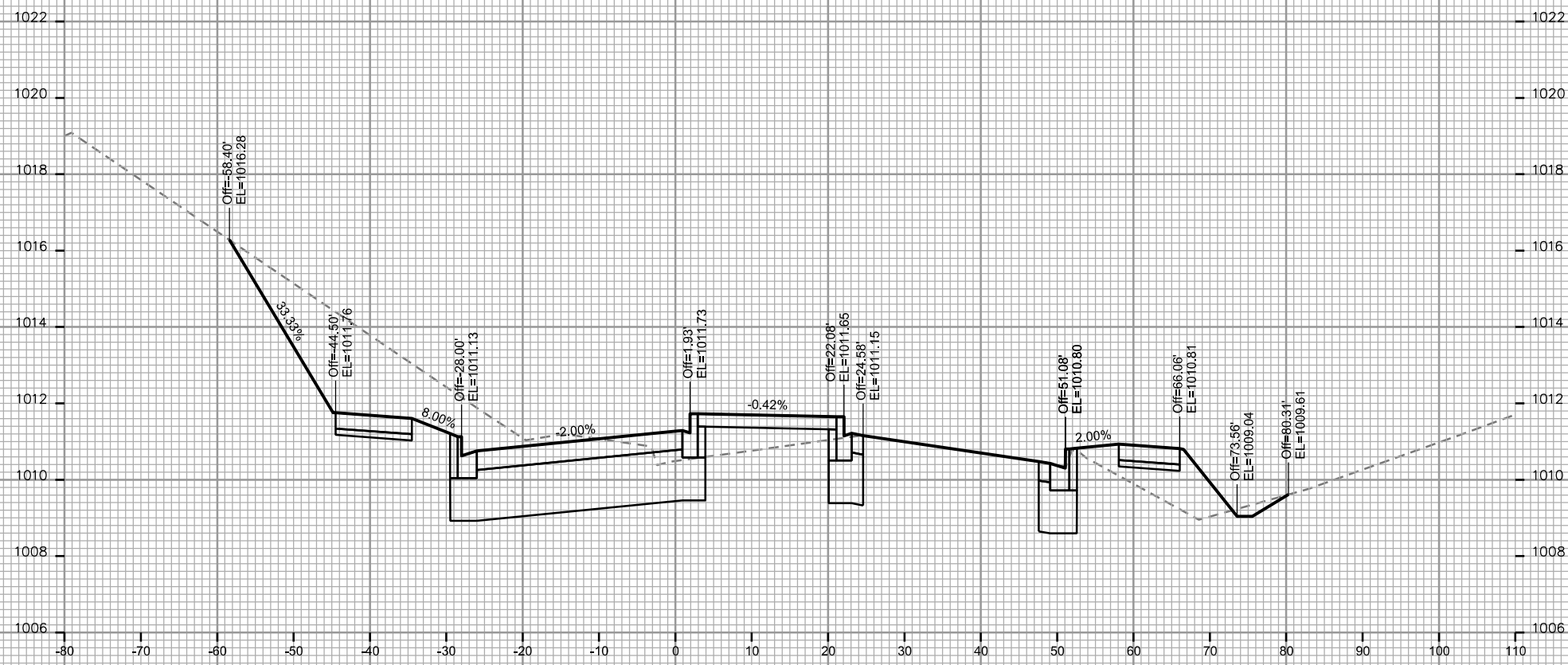
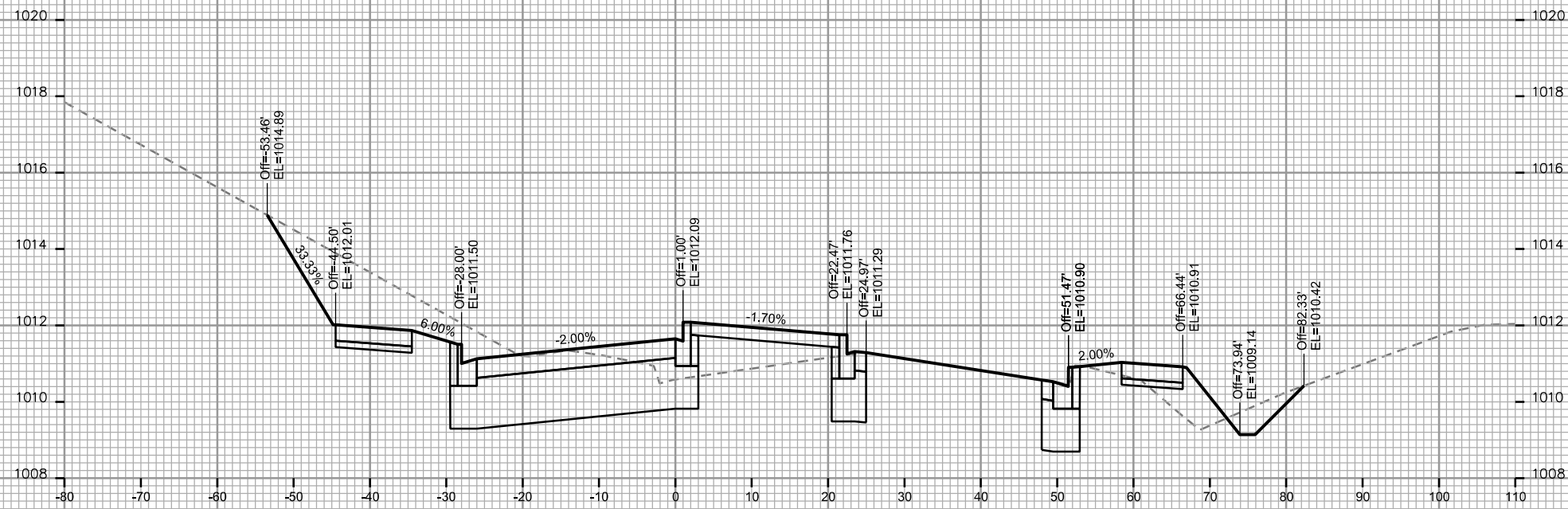
CITY OF MADISON

PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



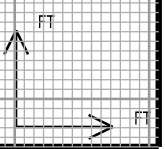
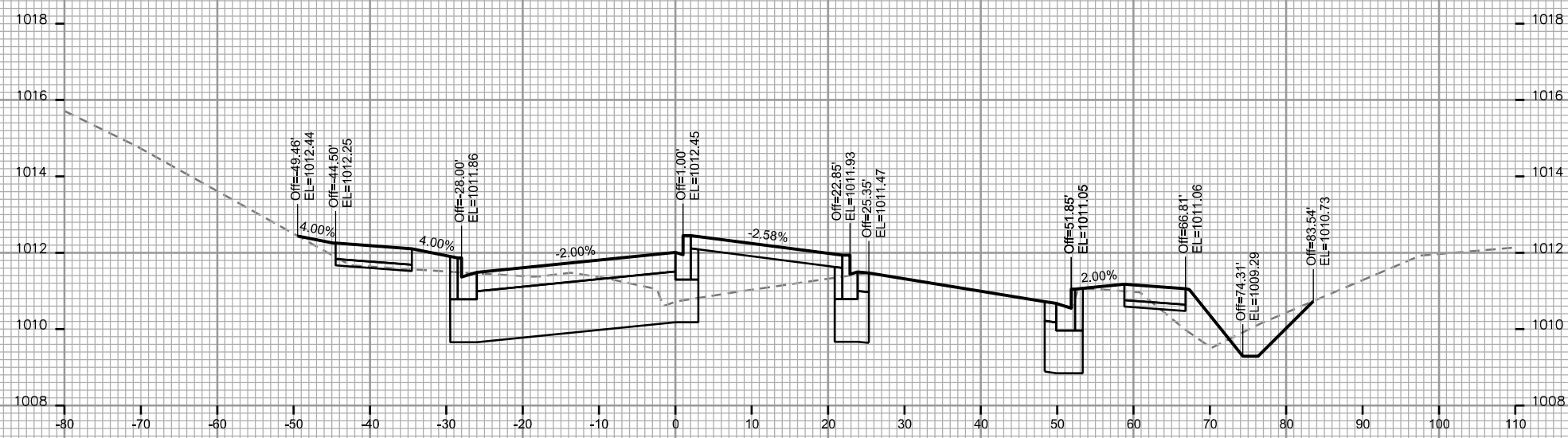
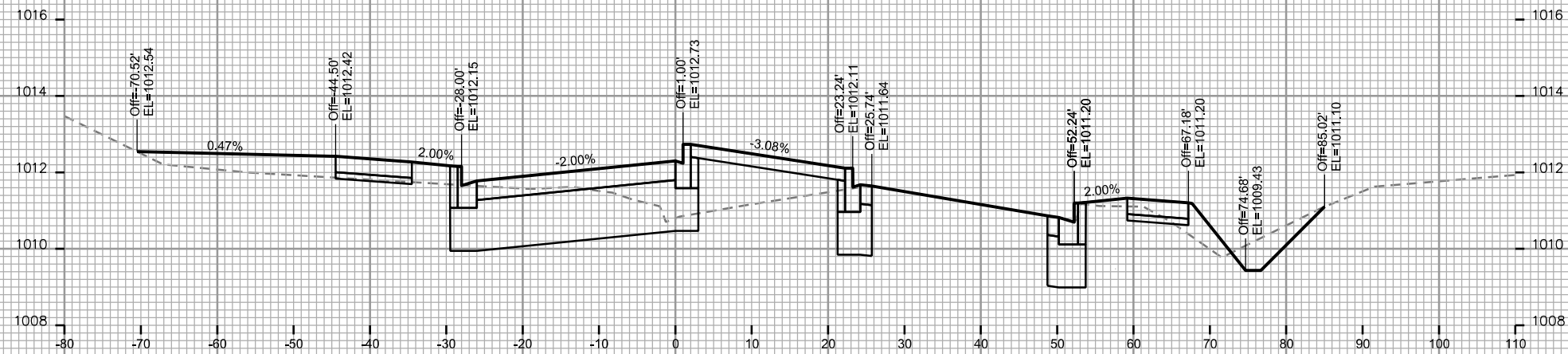
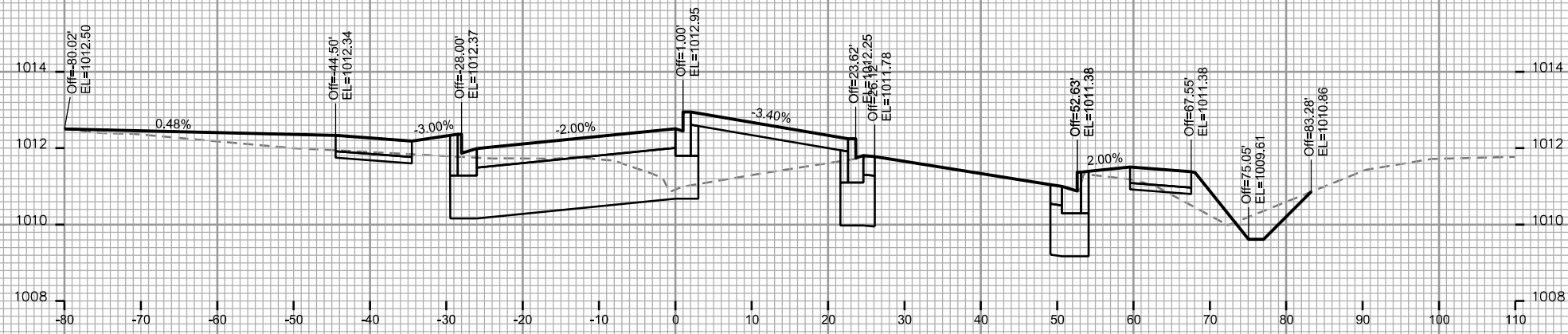
CROSS SECTIONS
MCKENNA SIDEWALK CITY OF MADISON

PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



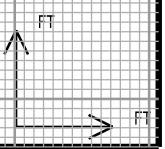
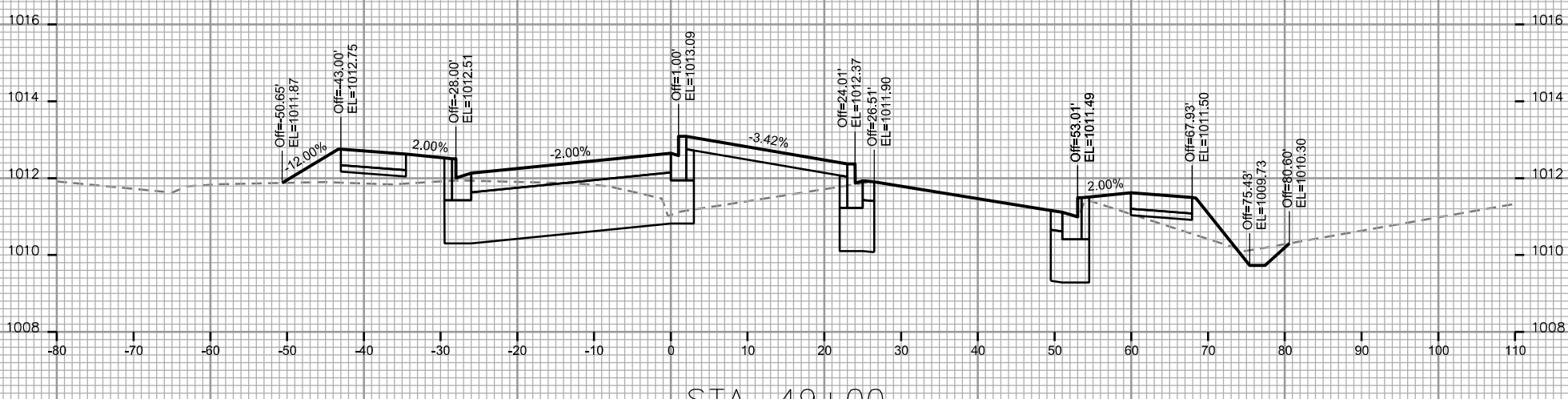
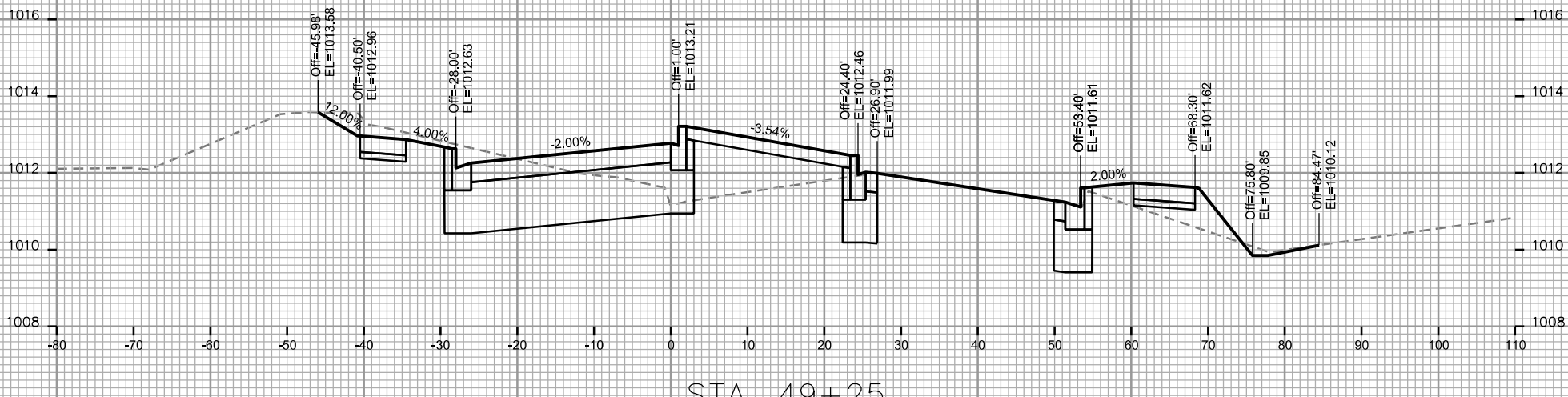
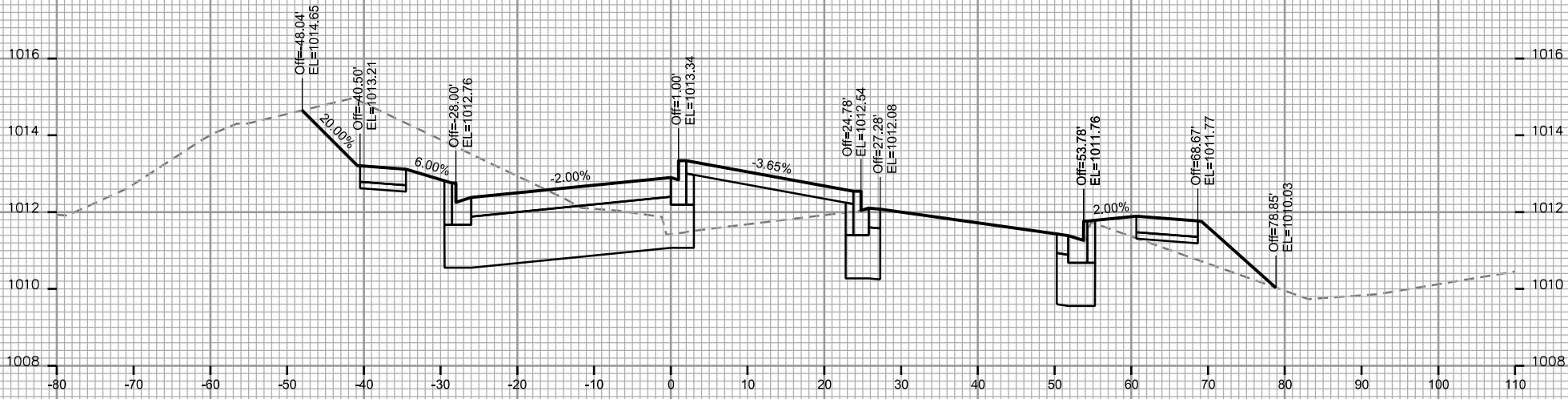
CROSS SECTIONS
MCKENNA SIDEWALK CITY OF MADISON

PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



CROSS SECTIONS

MCKENNA SIDEWALK

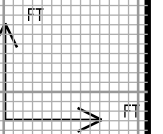
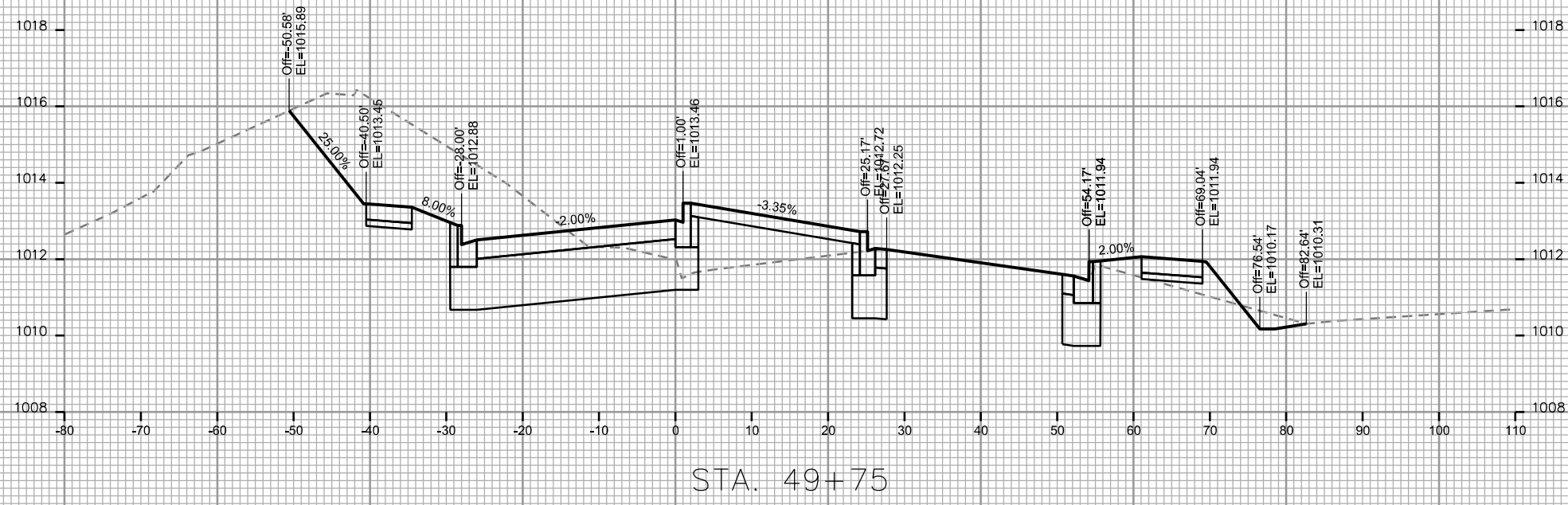
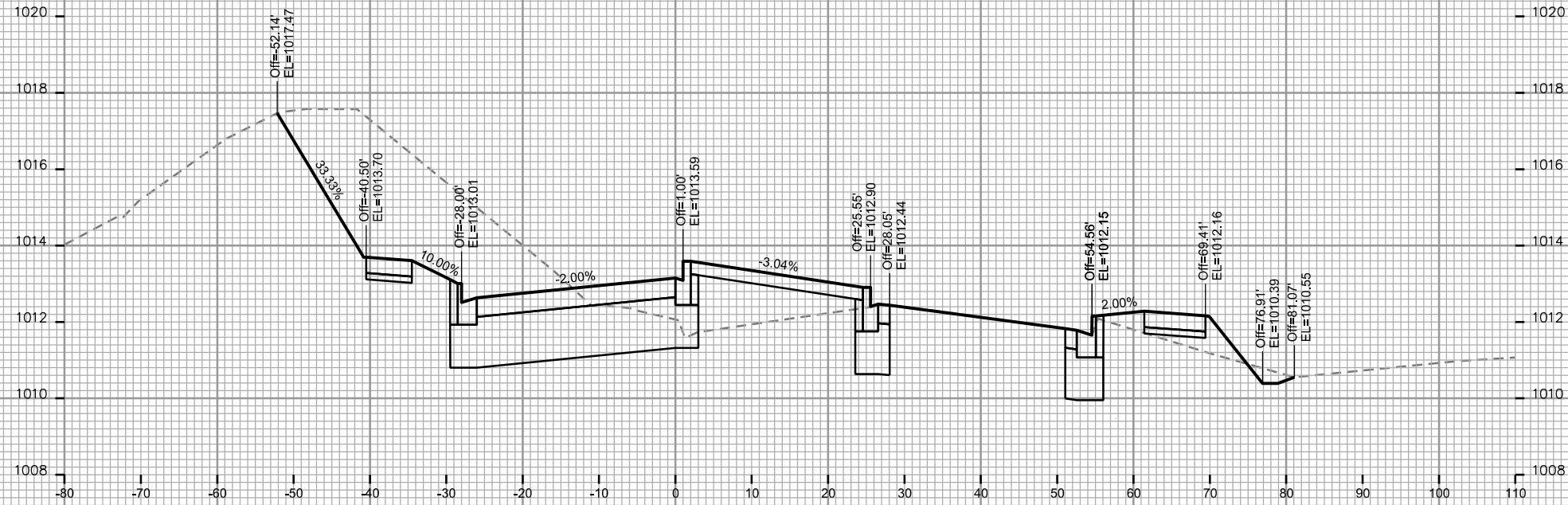
CITY OF MADISON

PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



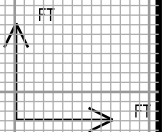
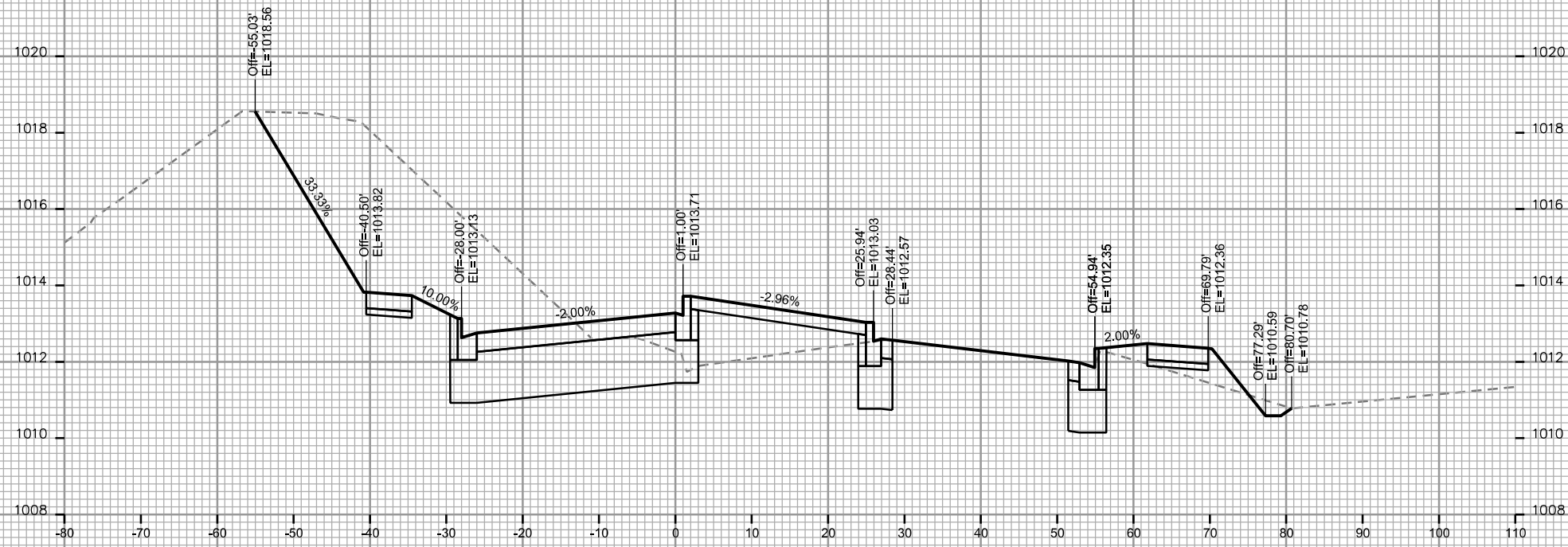
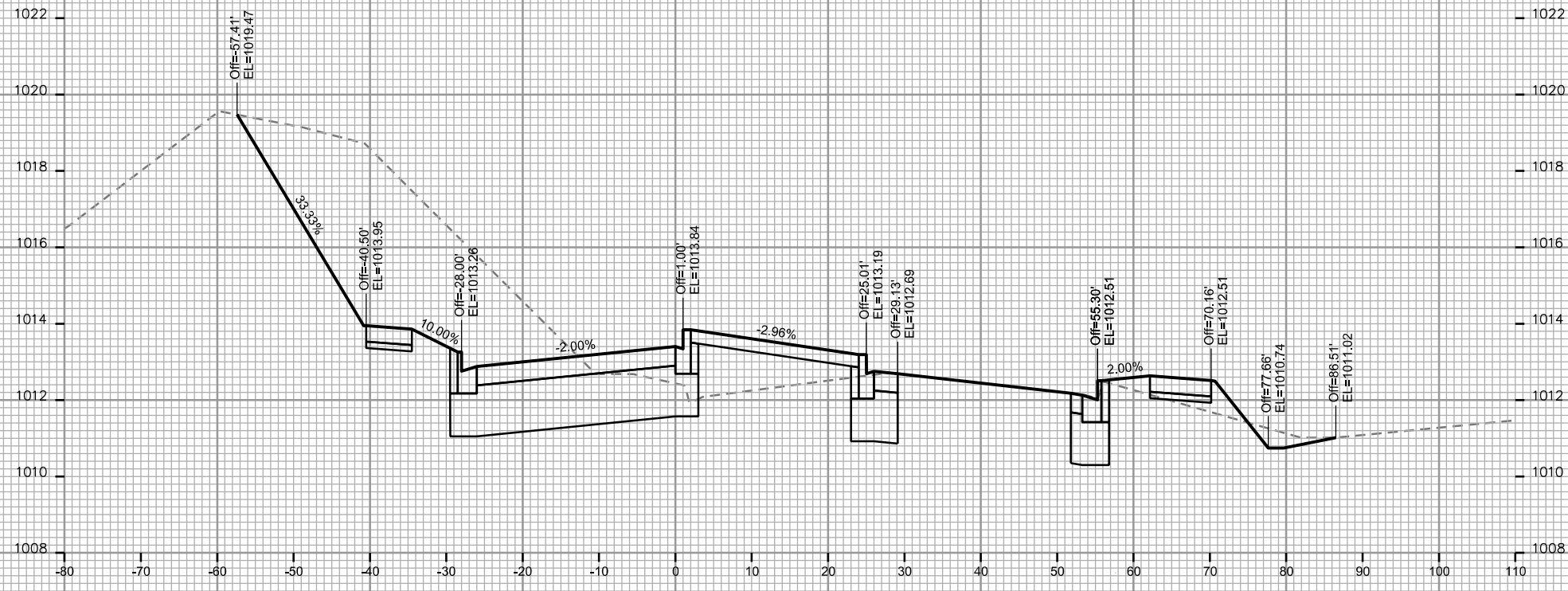
CROSS SECTIONS
MCKENNA SIDEWALK CITY OF MADISON

PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



CROSS SECTIONS

MCKENNA SIDEWALK

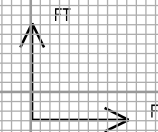
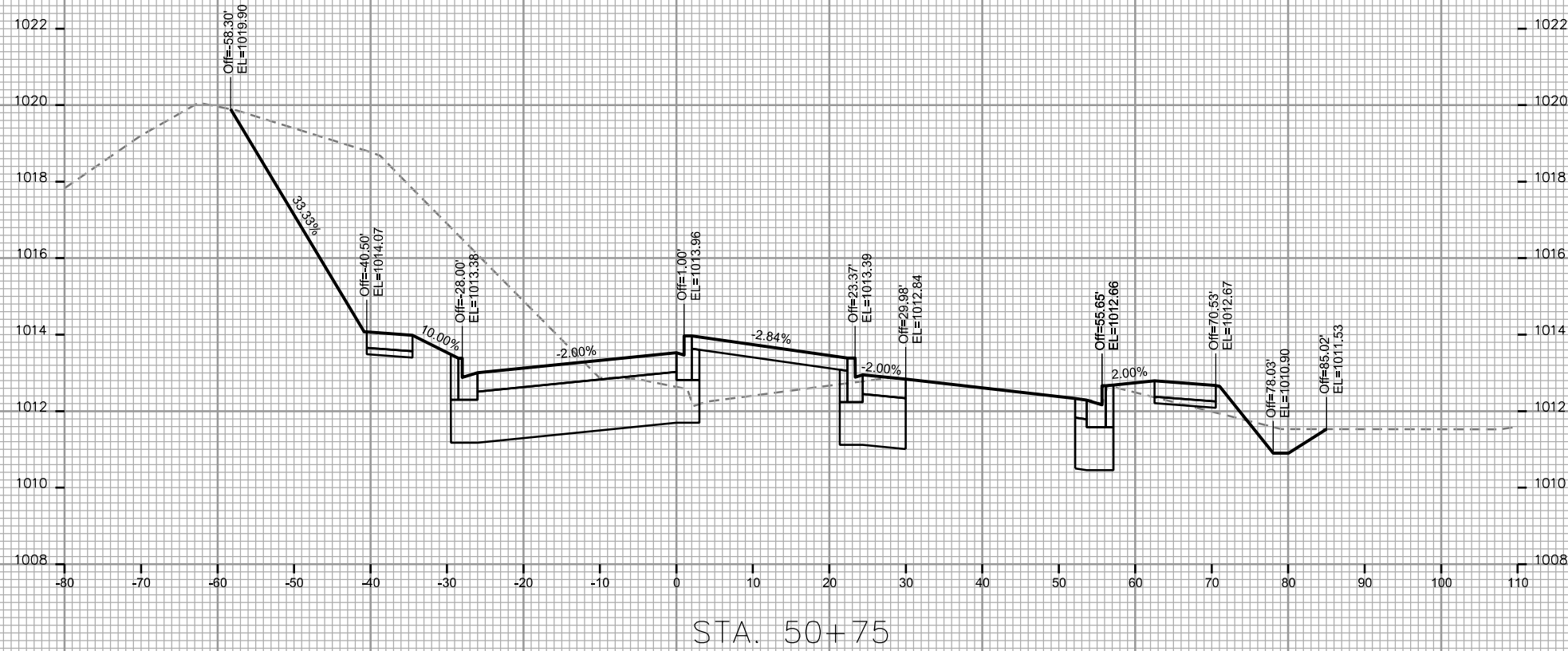
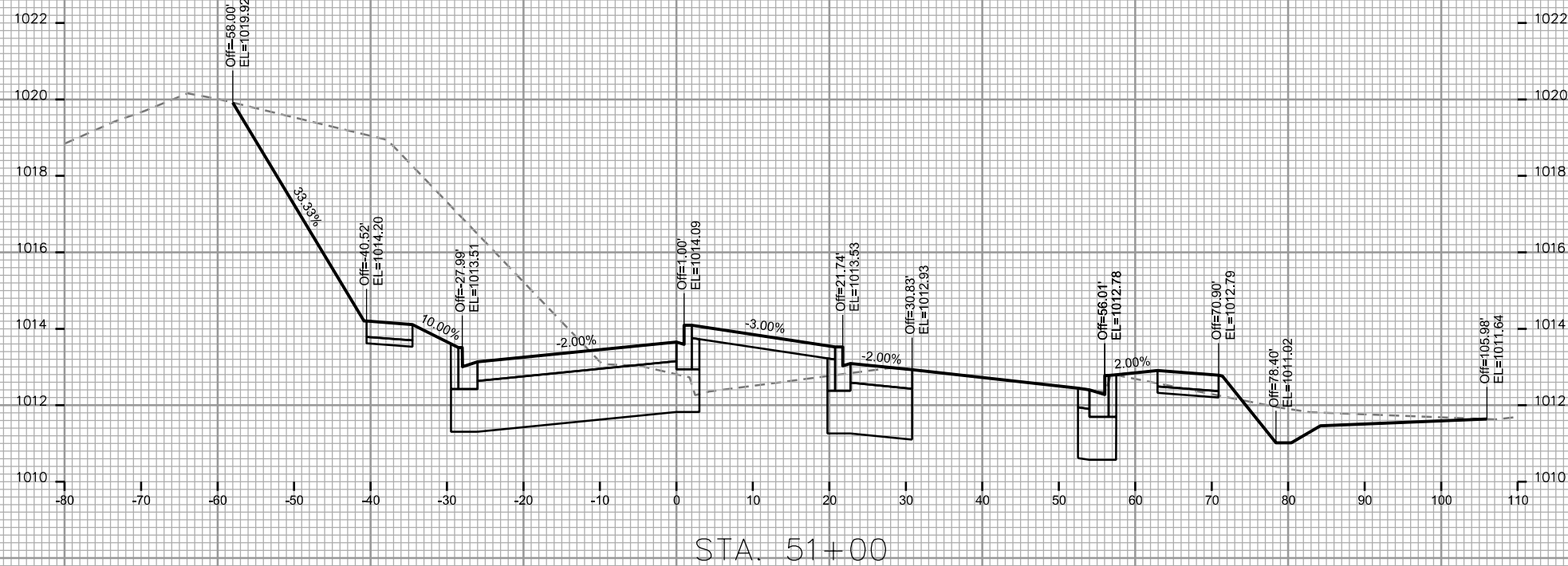
CITY OF MADISON

PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



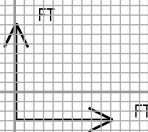
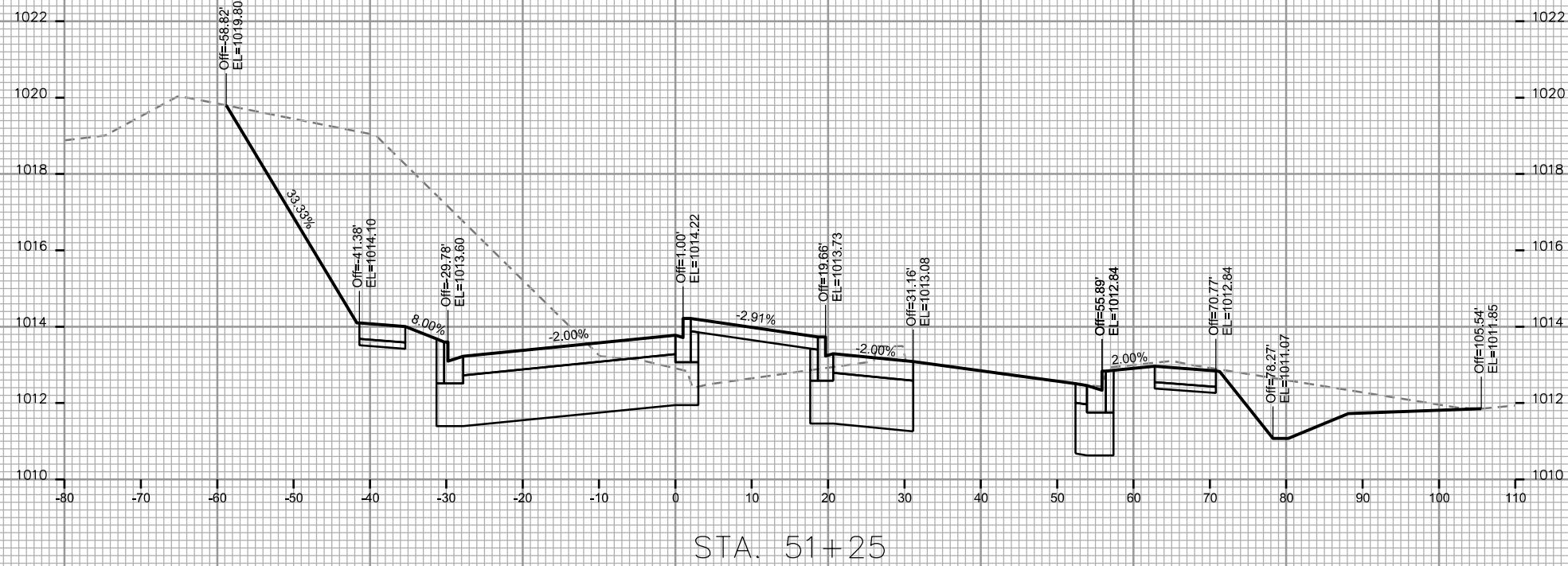
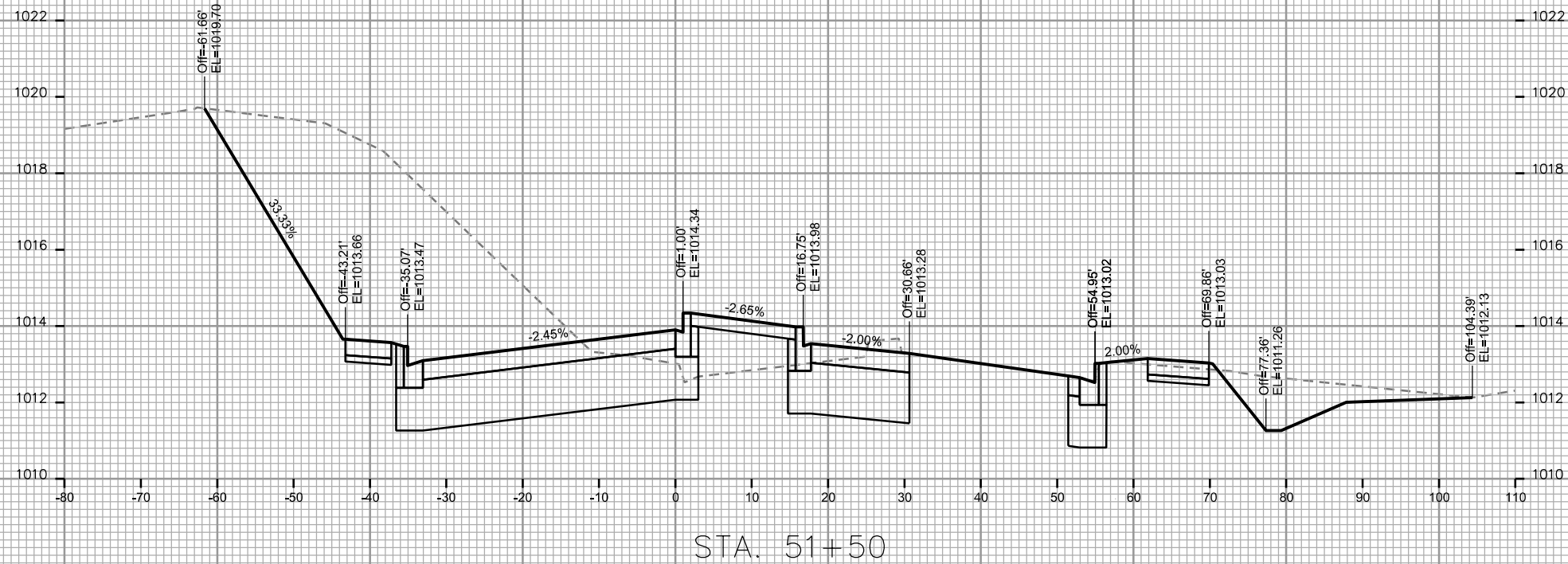
CROSS SECTIONS
MCKENNA SIDEWALK CITY OF MADISON

PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



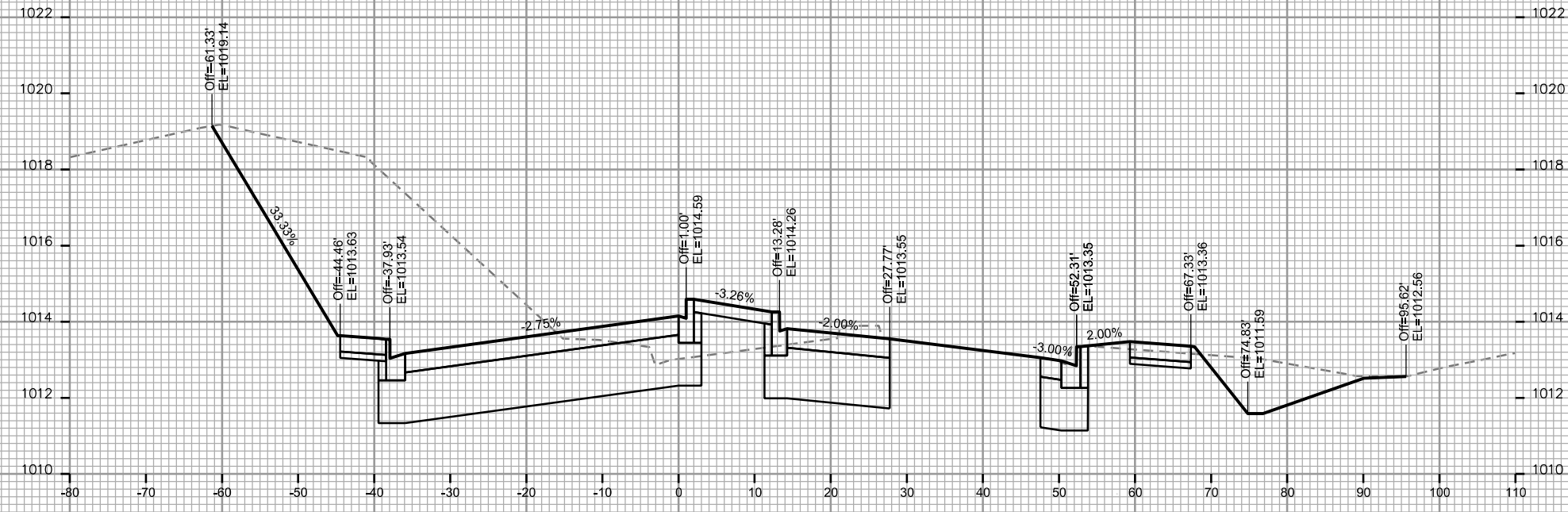
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MCKENNA SIDEWALK CITY OF MADISON

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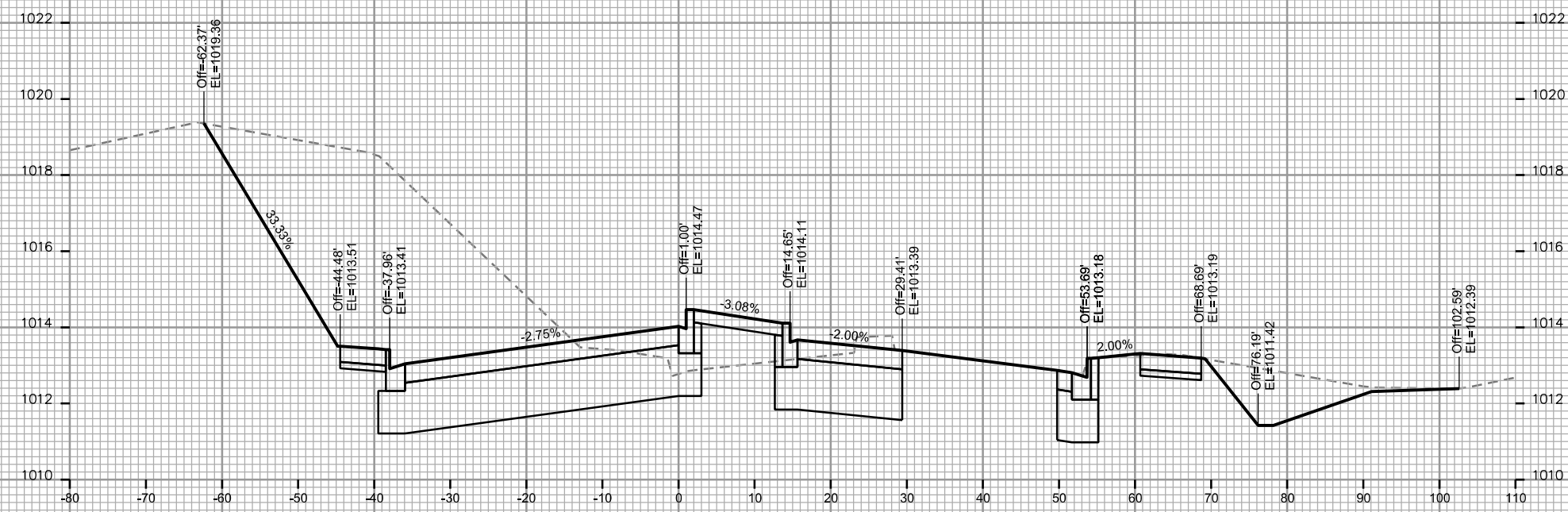
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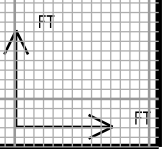
ORIGINATOR: CITY OF MADISON, STREETS DIVISION



STA. 52+00



STA. 51+75



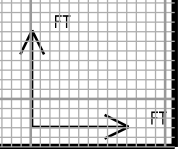
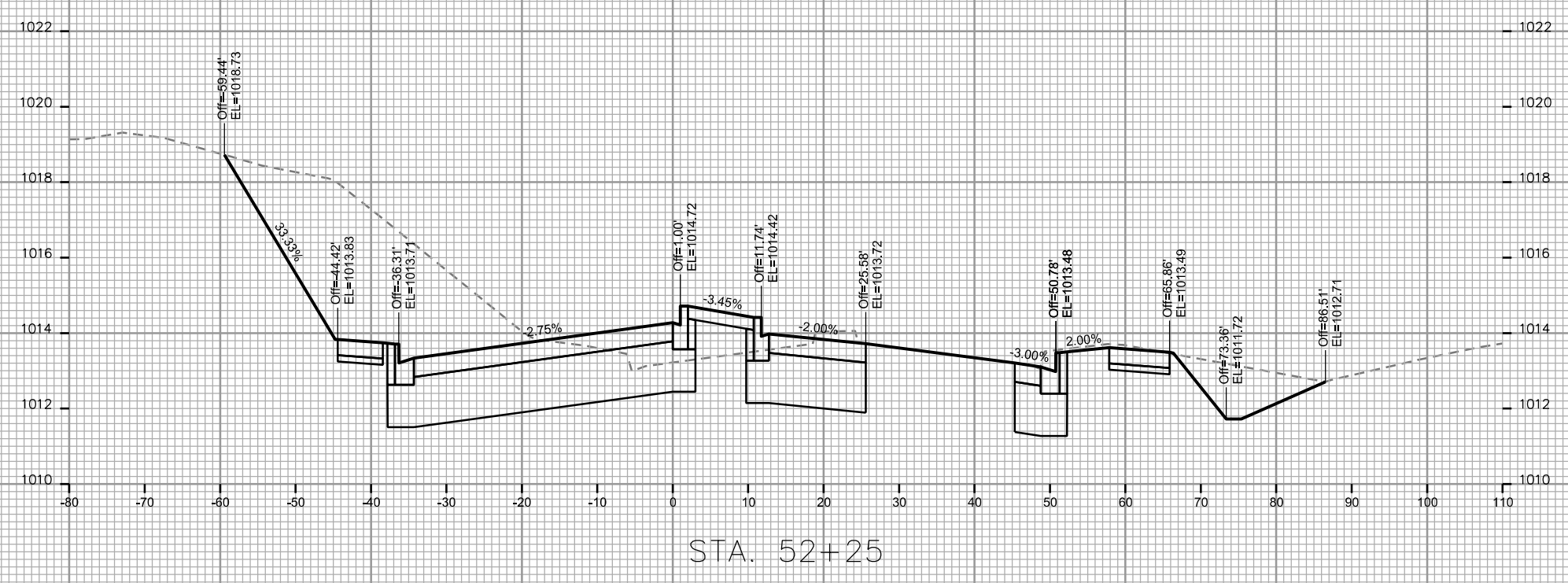
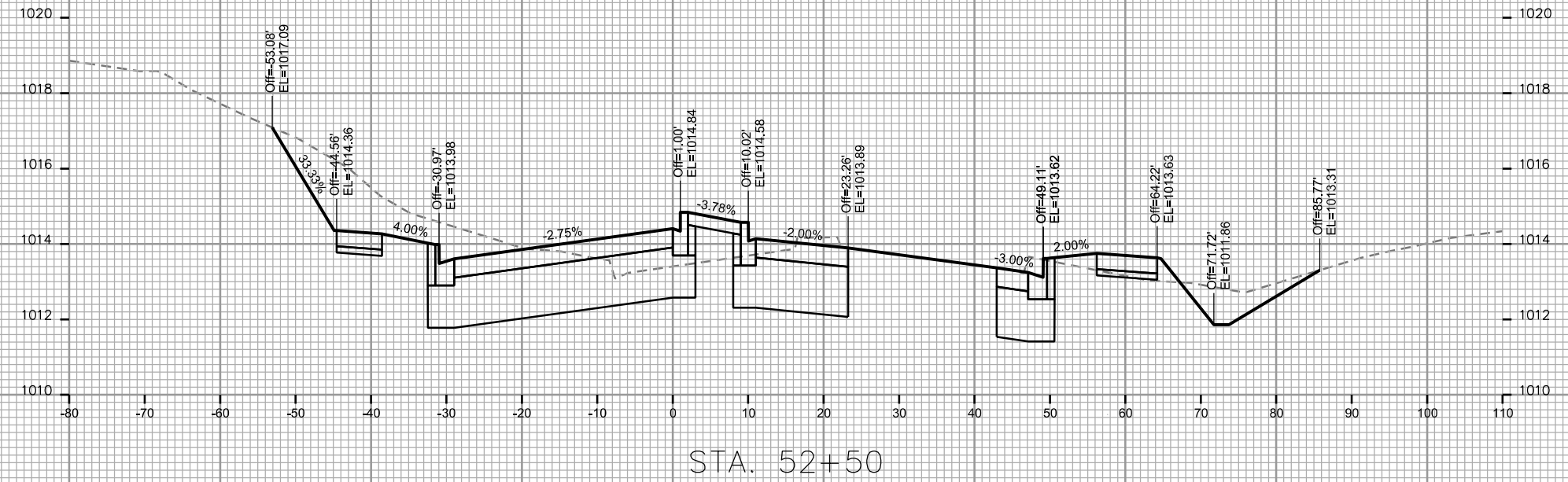
CROSS SECTIONS
MCKENNA SIDEWALK CITY OF MADISON

PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



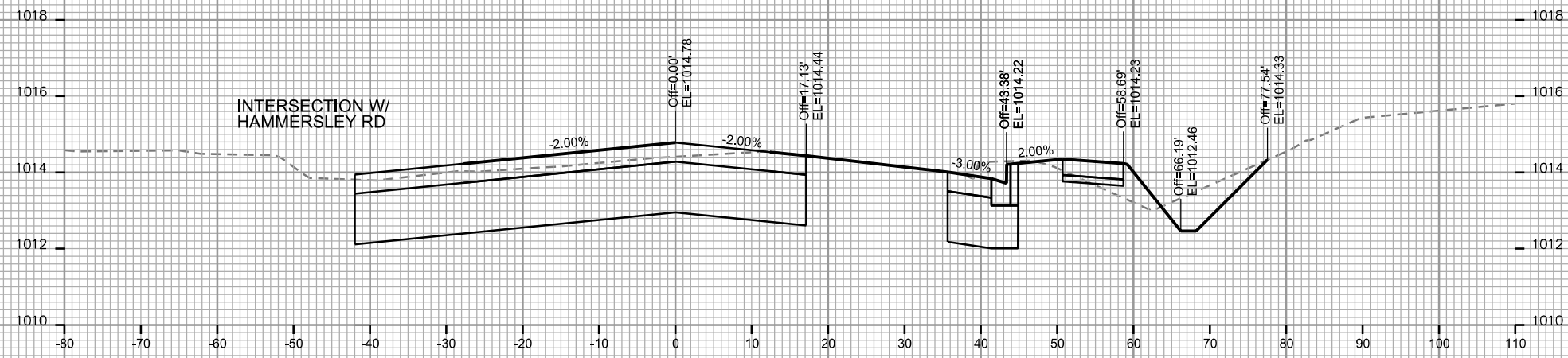
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MCKENNA SIDEWALK CITY OF MADISON

PLOT SCALE:

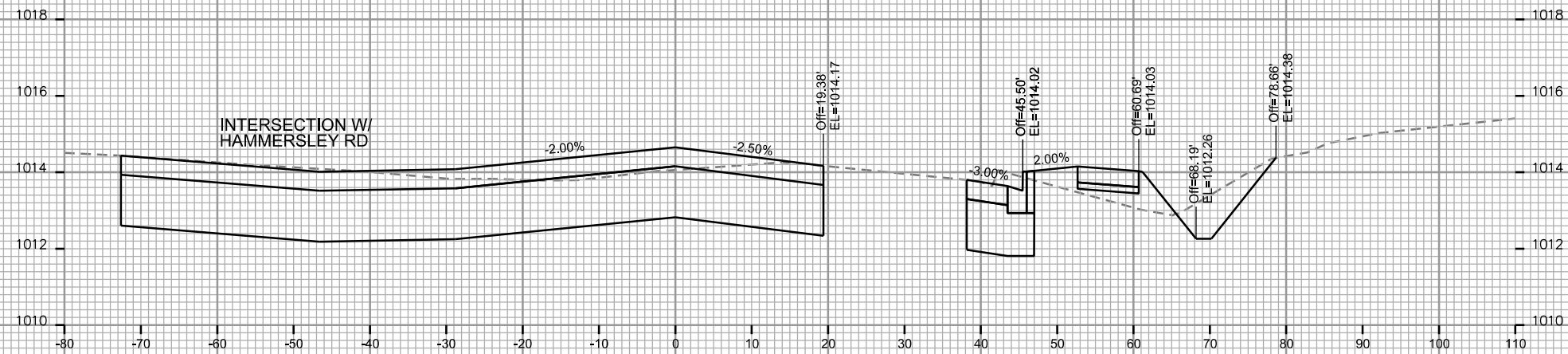
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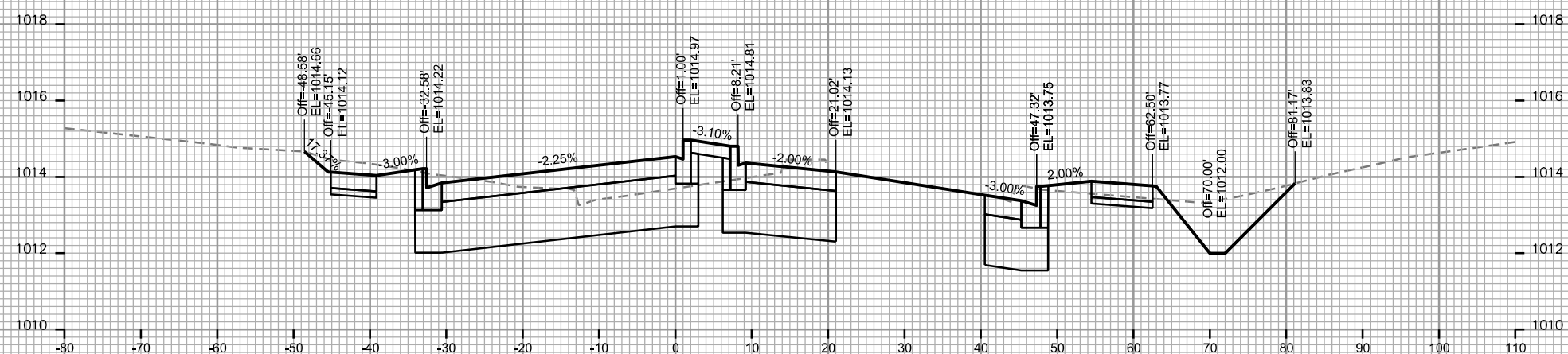
ORIGINATOR: CITY OF MADISON, STREETS DIVISION



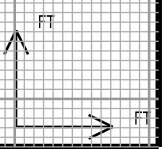
STA. 53+25



STA. 53+00



STA. 52+75



CROSS SECTIONS

MCKENNA SIDEWALK

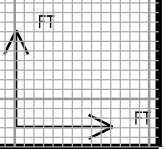
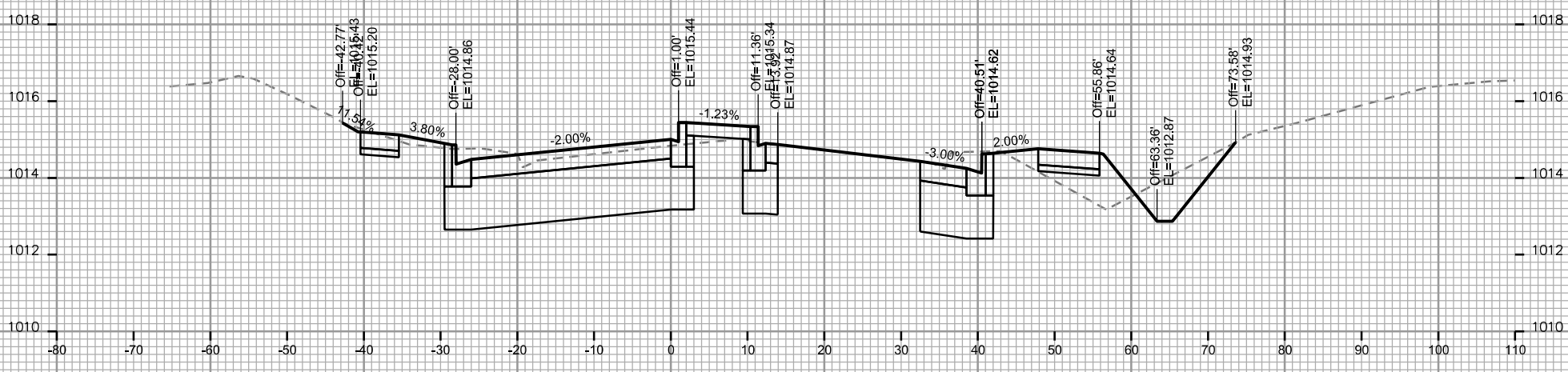
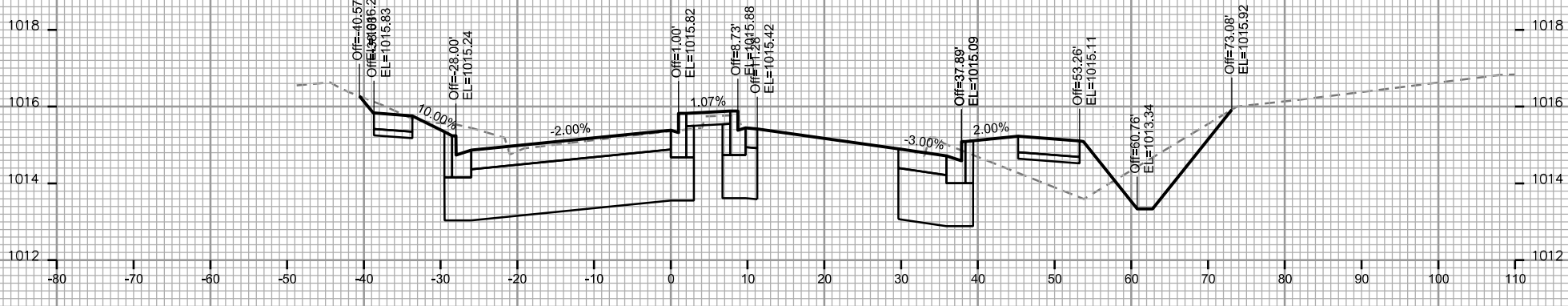
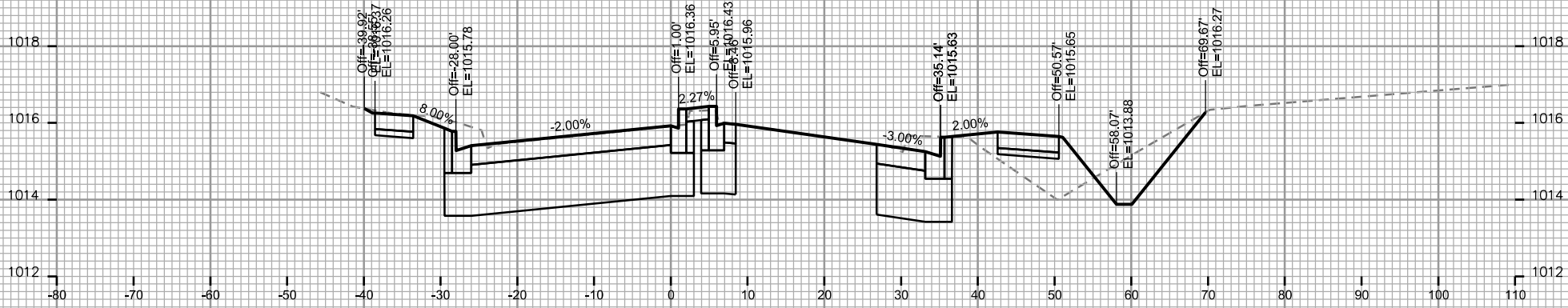
CITY OF MADISON

PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



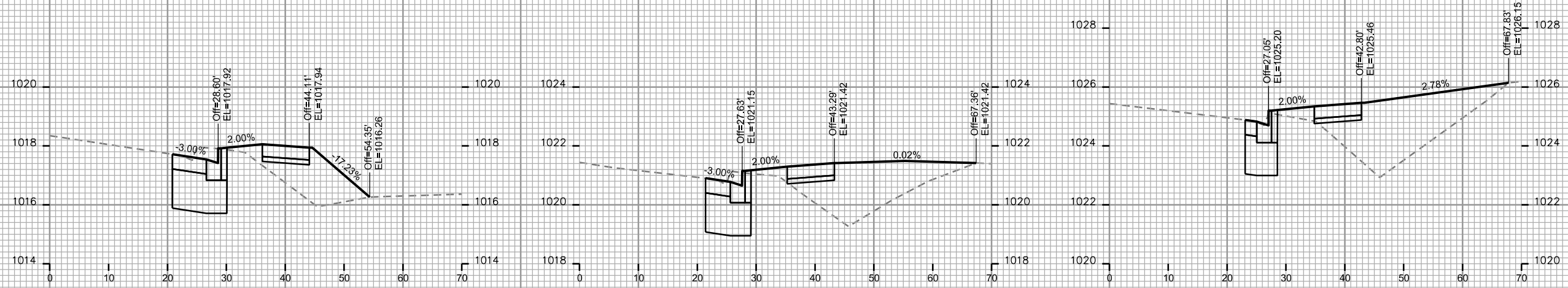
CROSS SECTIONS
MCKENNA SIDEWALK CITY OF MADISON

PLOT SCALE:

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REV. DATE:

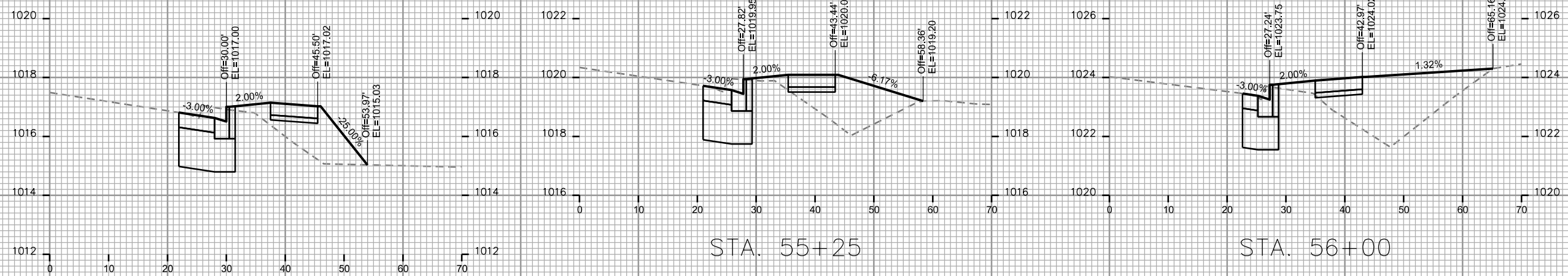
ORIGINATOR: CITY OF MADISON, STREETS DIVISION



STA. 54+75

STA. 55+50

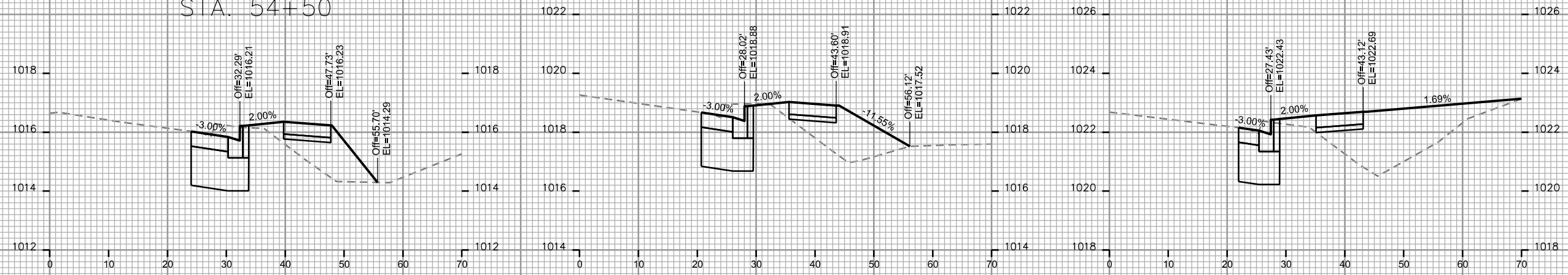
STA. 56+25



STA. 54+50

STA. 55+25

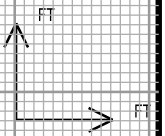
STA. 56+00



STA. 54+25

STA. 55+00

STA. 55+75



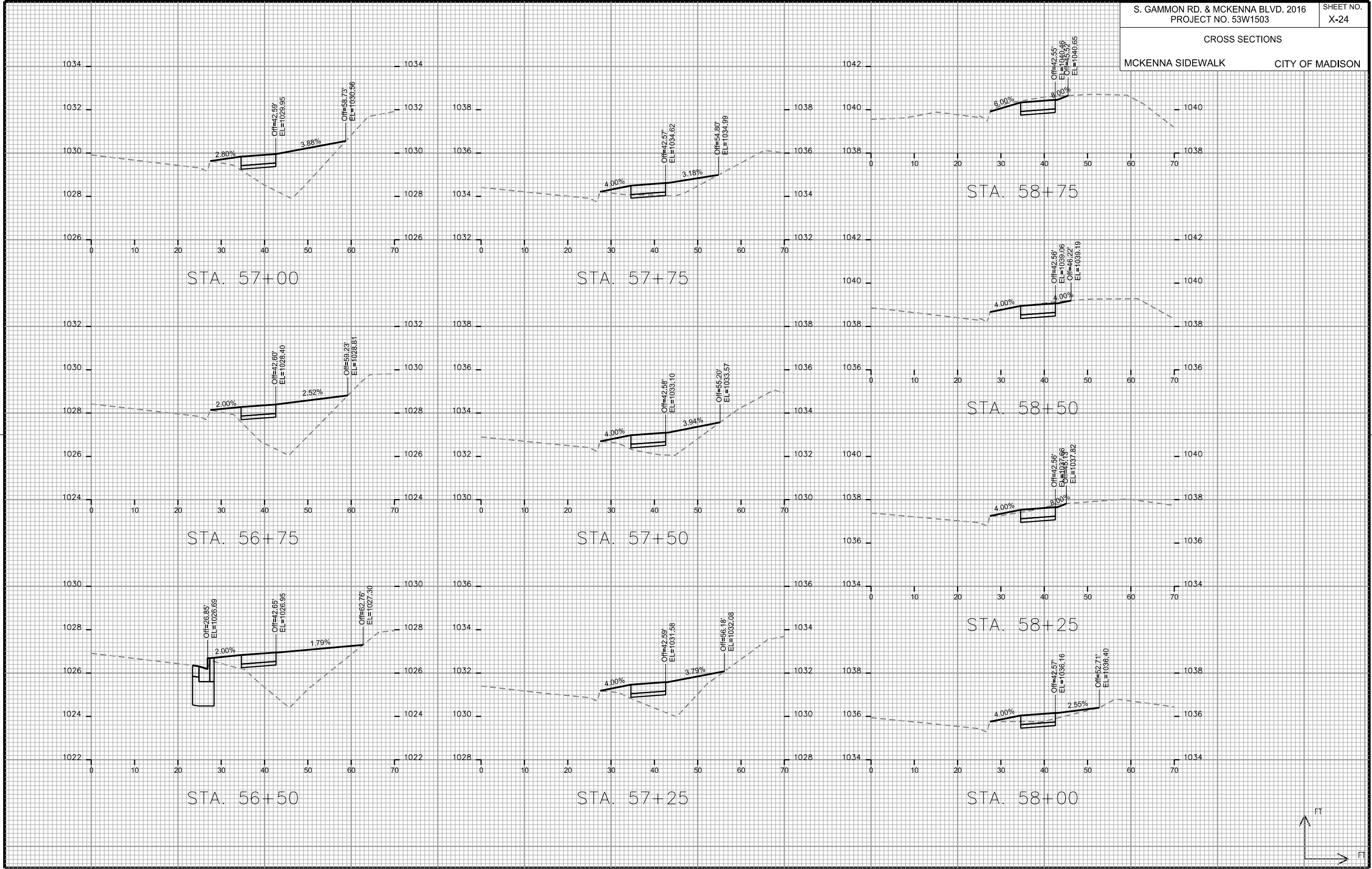
CROSS SECTIONS
MCKENNA SIDEWALK CITY OF MADISON

PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



CROSS SECTIONS

MCKENNA SIDEWALK

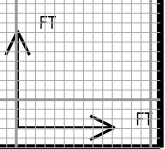
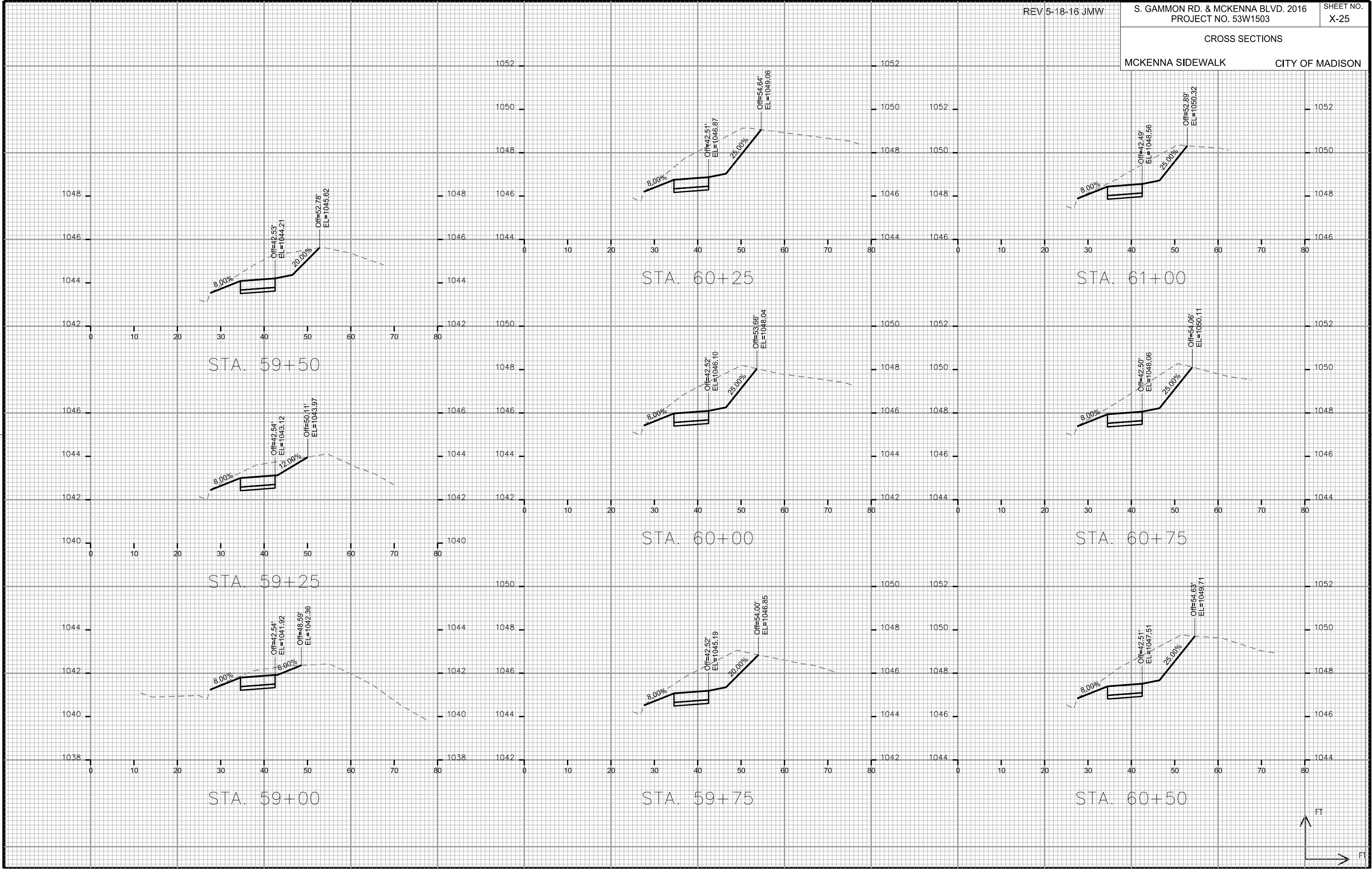
CITY OF MADISON

PLOT SCALE:

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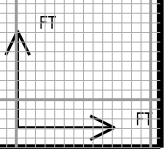
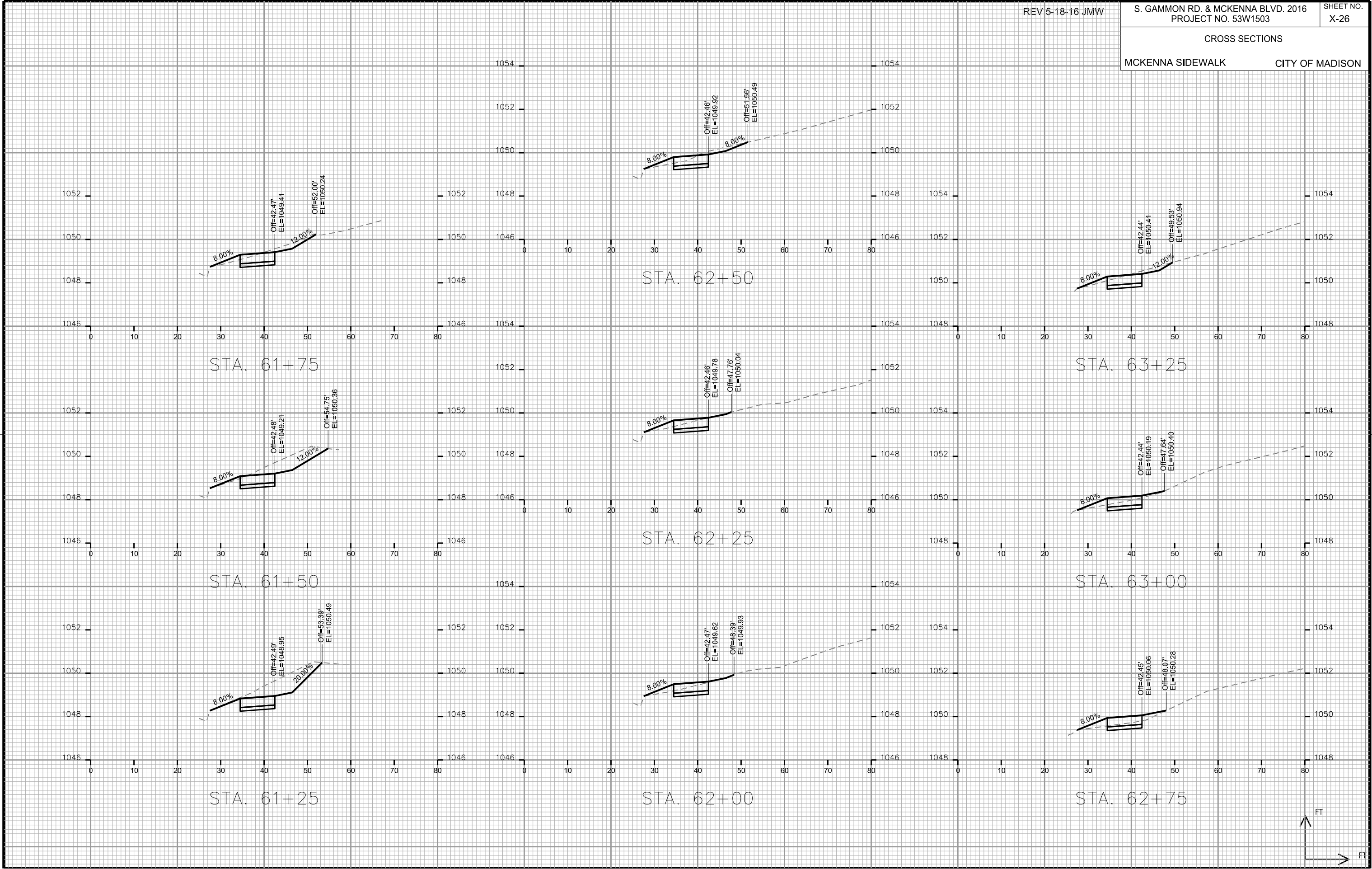
CROSS SECTIONS
MCKENNA SIDEWALK CITY OF MADISON

PLOT SCALE:

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CROSS SECTIONS

MCKENNA SIDEWALK

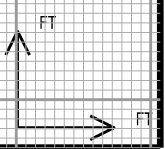
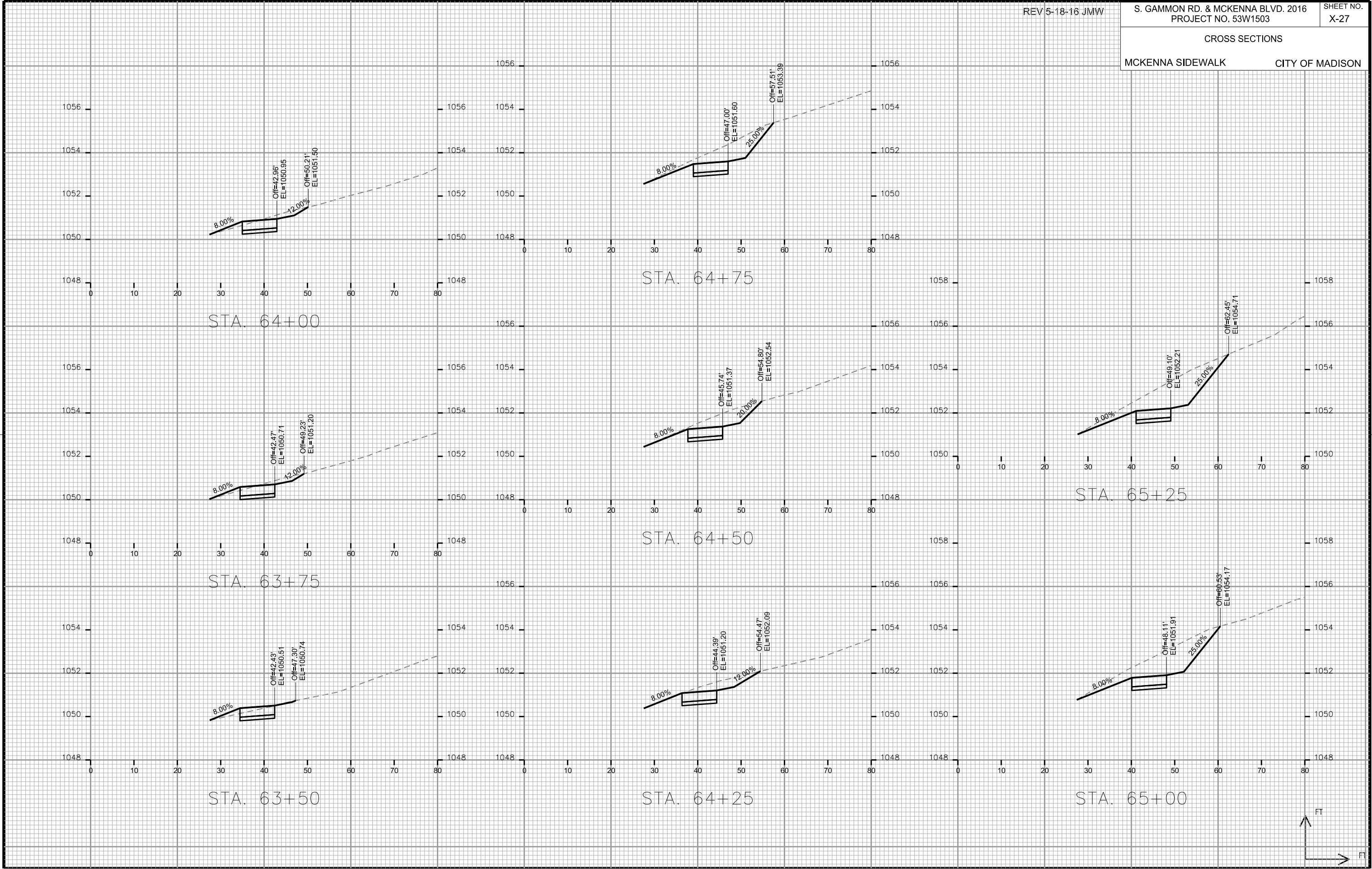
CITY OF MADISON

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ORIGINATOR: CITY OF MADISON, STREETS DIVISION



CROSS SECTIONS

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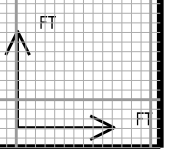
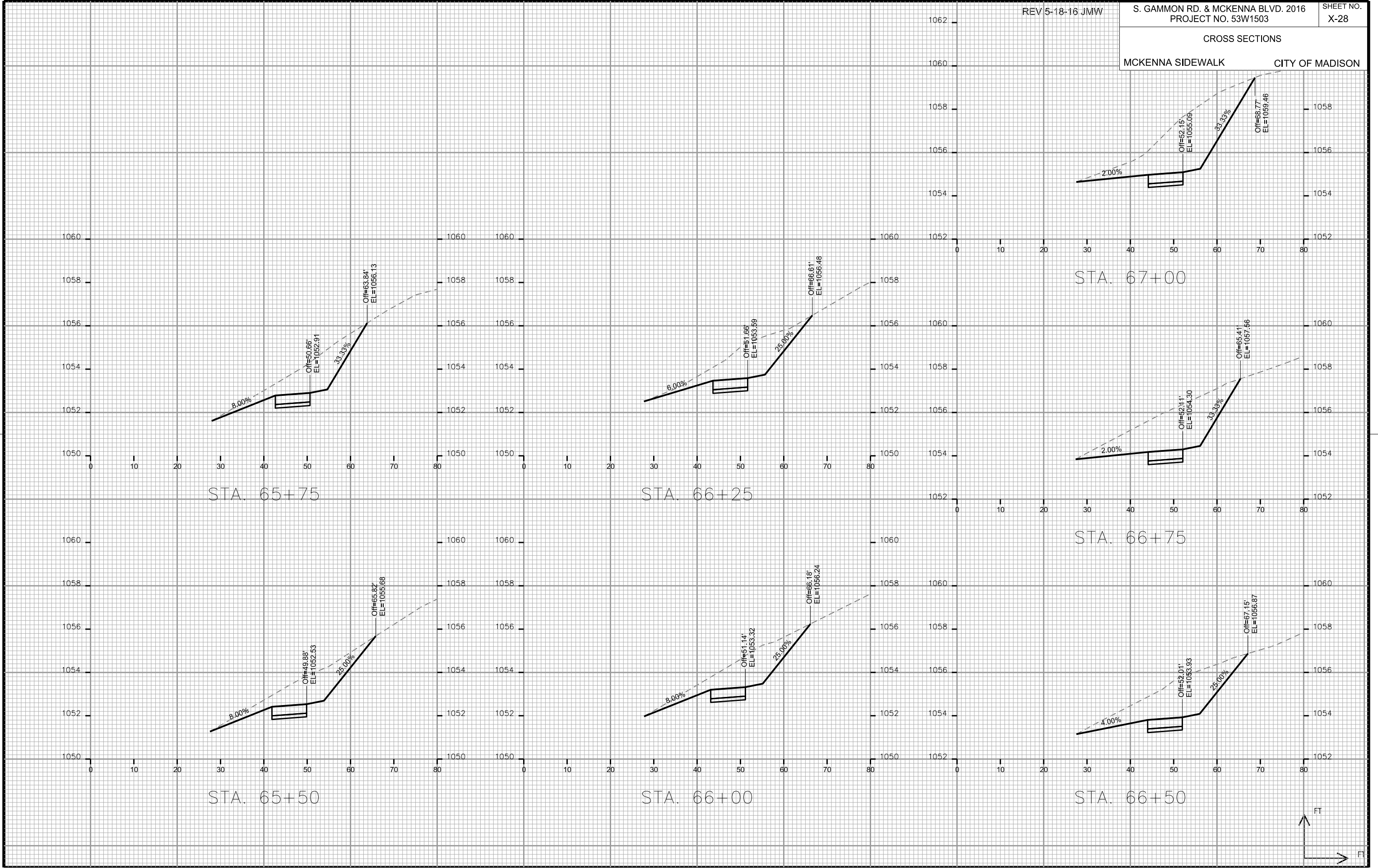
CITY OF MADISON

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CROSS SECTIONS

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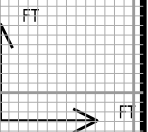
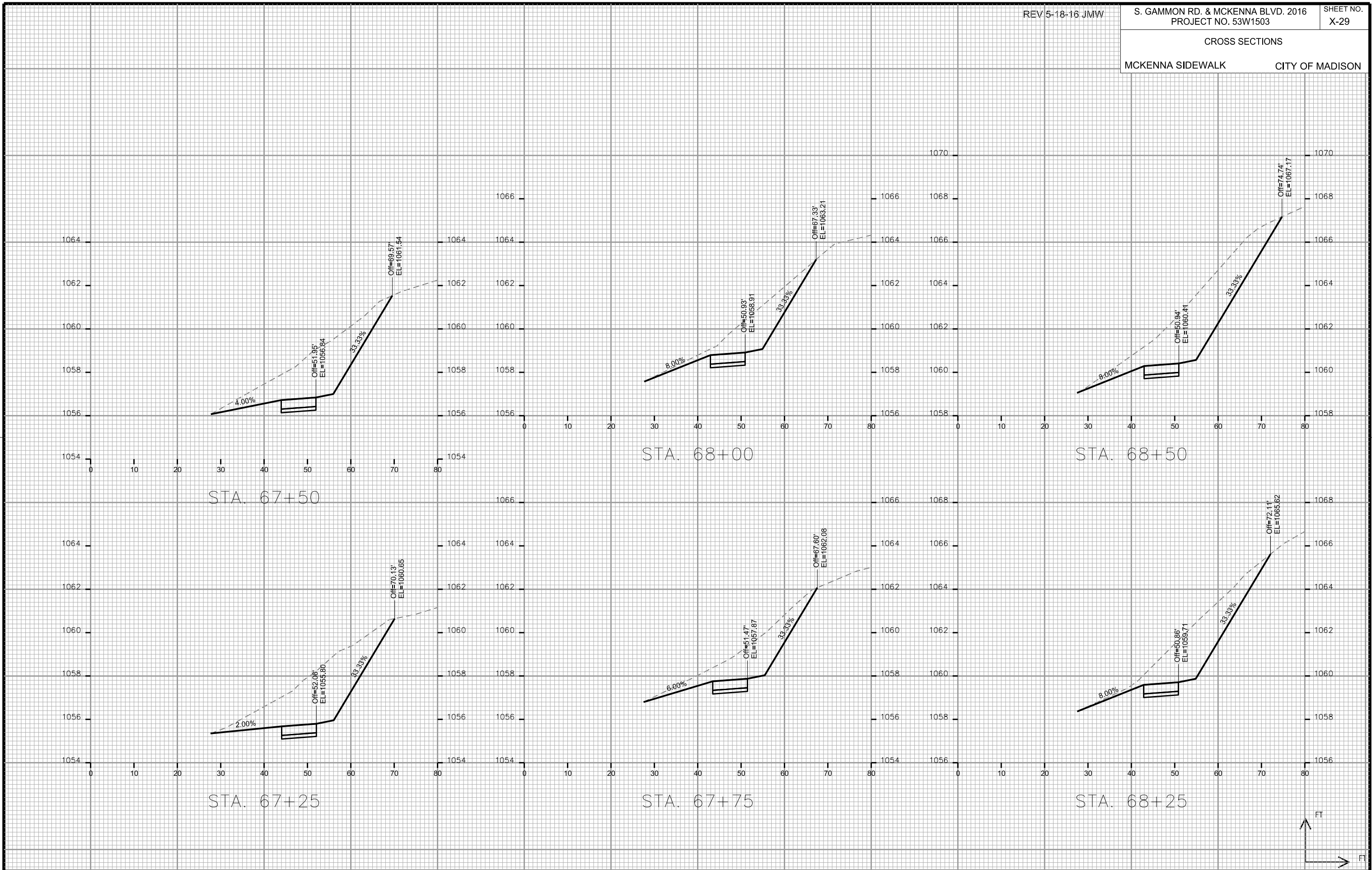
CITY OF MADISON

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CROSS SECTIONS

MCKENNA SIDEWALK

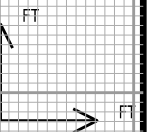
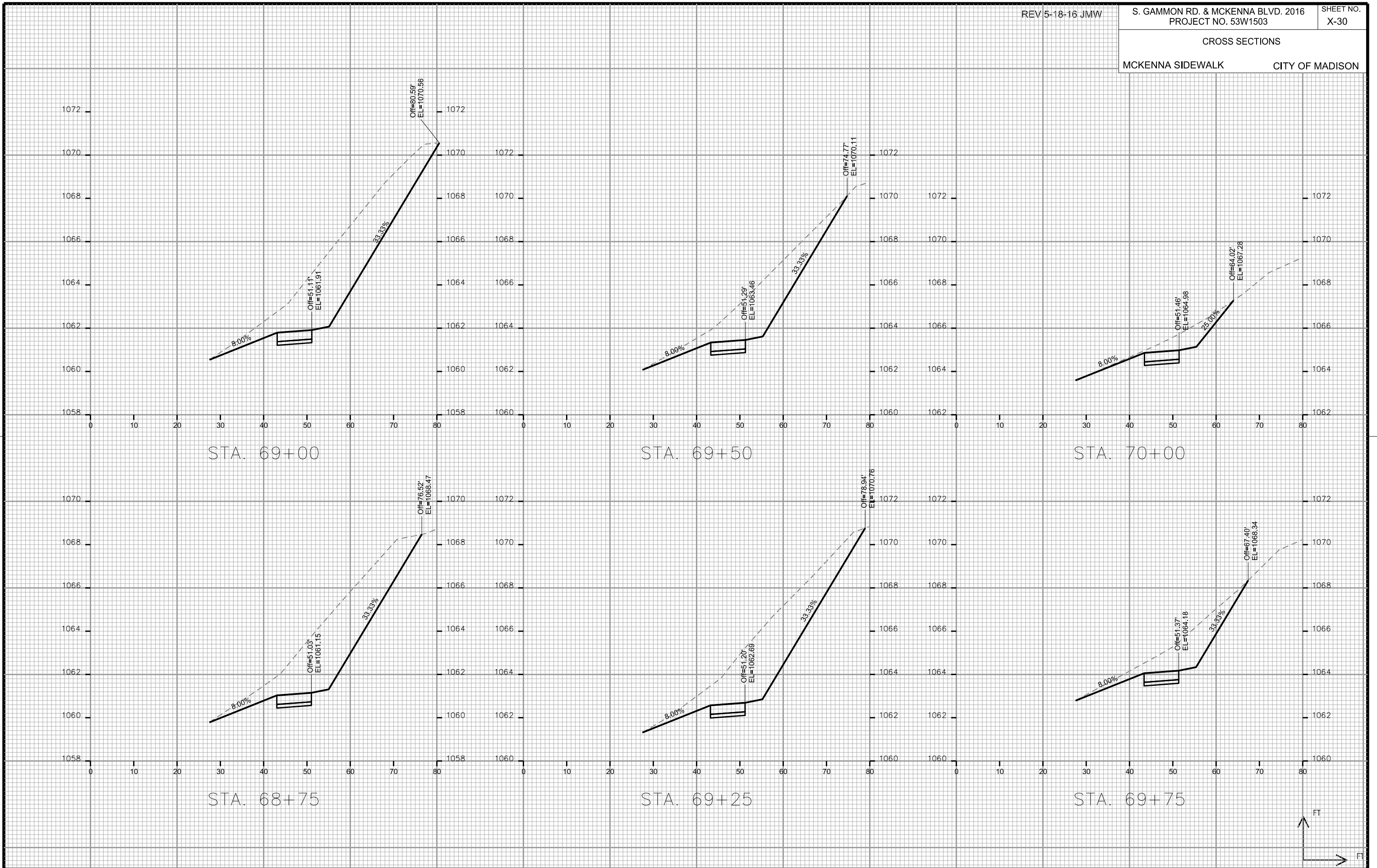
CITY OF MADISON

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CROSS SECTIONS

MCKENNA SIDEWALK

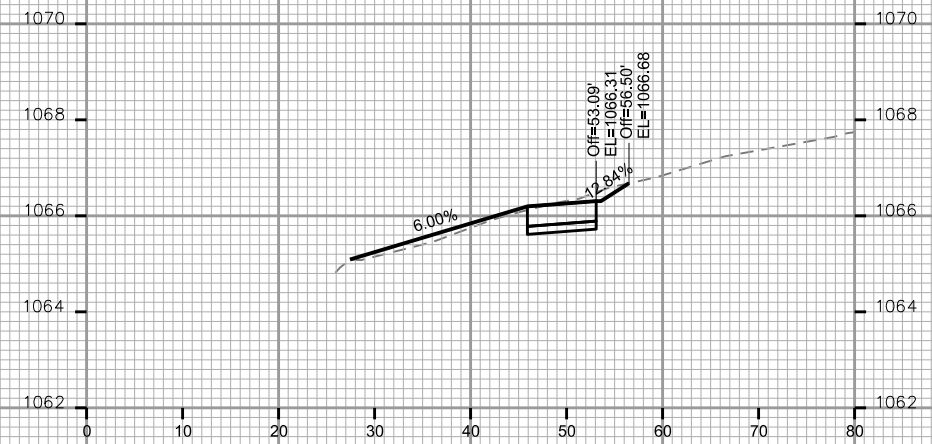
CITY OF MADISON

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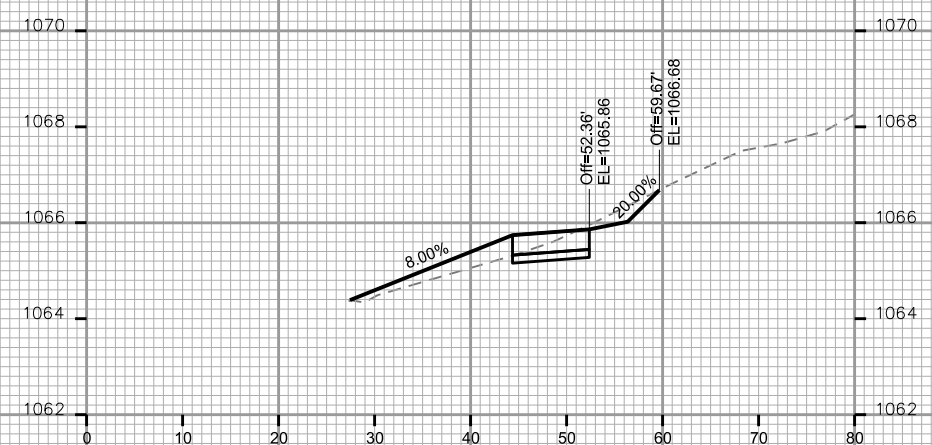
PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



STA. 70+50



STA. 70+25

