



Madison, Wisconsin

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CITY OF MADISON MAINTENANCE PLAN NOT REQUIRED

CITY OF MADISON
CITY ENGINEERING DIVISION
DEPARTMENT OF PUBLIC WORKS
PLAN OF PROPOSED IMPROVEMENT

FORDEM AVE - FIRST STREET RELIEF SEWER

CITY PROJECT NO. 14922
CONTRACT NO. 9807

PROJECT
LOCATION

CONVENTIONAL SIGNS
FIELD VERIFY ALL UTILITY LOCATIONS

GAS

STORM SEWER

SANITARY SEWER

WATER

BURIED ELECTRIC

OVERHEAD ELECTRIC

POWER POLE

ADA COMPLIANT RAMP W/
DETECTABLE WARNING FIELD

COMBUSTIBLE FLUIDS

— G —

— ST —

— SN —

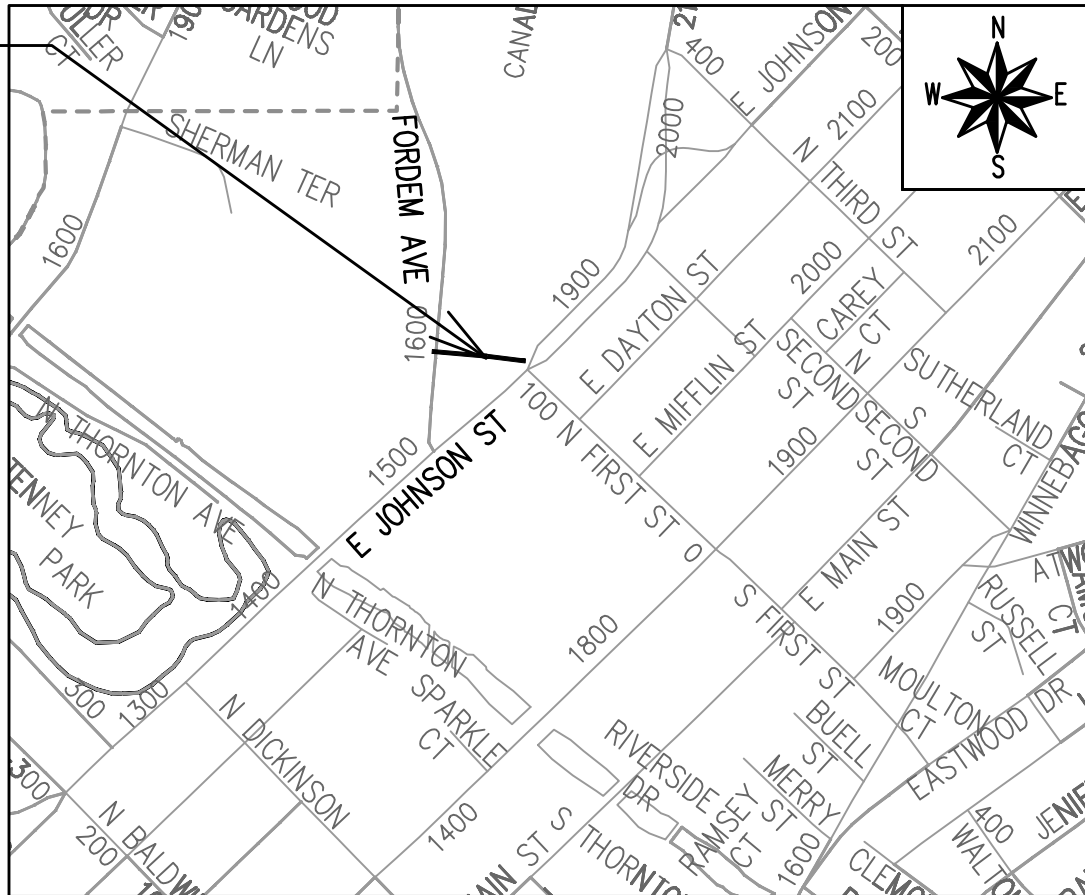
— W —

— E —

— OH —

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

SIDEWALK RAMPS SHALL HAVE A MAXIMUM SLOPE OF 1"
PER 12". SIDEWALK AND CURB RAMPS SHALL BE
CONSTRUCTED WITH A SIDE SLOPE OF 2.00%. SIDEWALK
SHALL HAVE A MINIMUM LONGITUDINAL SLOPE OF
0.50% AND A MAXIMUM LONGITUDINAL SLOPE OF 5.00%
EXCEPT WHERE STREET GRADES EXCEED 5.00%.



PUBLIC IMPROVEMENT PROJECT
APPROVED

OCTOBER 28 , 2025

BY THE COMMON COUNCIL
OF MADISON, WISCONSIN

PUBLIC IMPROVEMENT DESIGN
APPROVED BY:

 06/12/2026

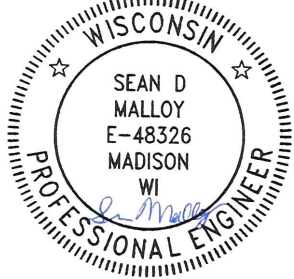
City Engineer Date

SANITARY SEWER
DESIGNED BY:



06/12/2026

PAVEMENT MARKING
DESIGNED BY:



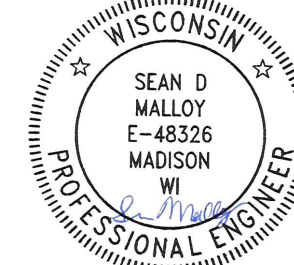
06/12/2026

STREET
DESIGNED BY:



06/12/2026

TRAFFIC CONTROL
DESIGNED BY:



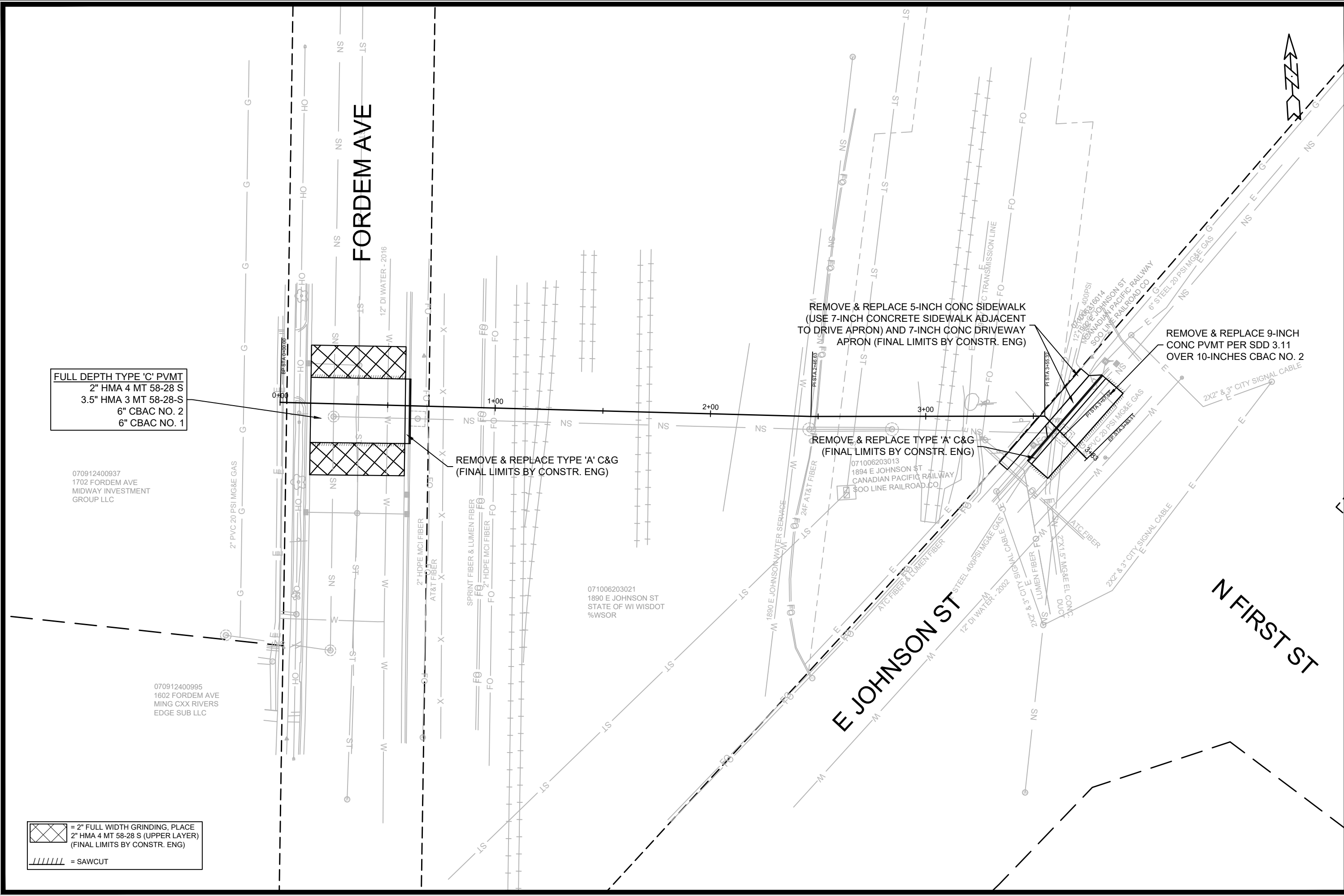
06/12/2026

PLOT SCALE: 1 IN.=1 FT._XREF

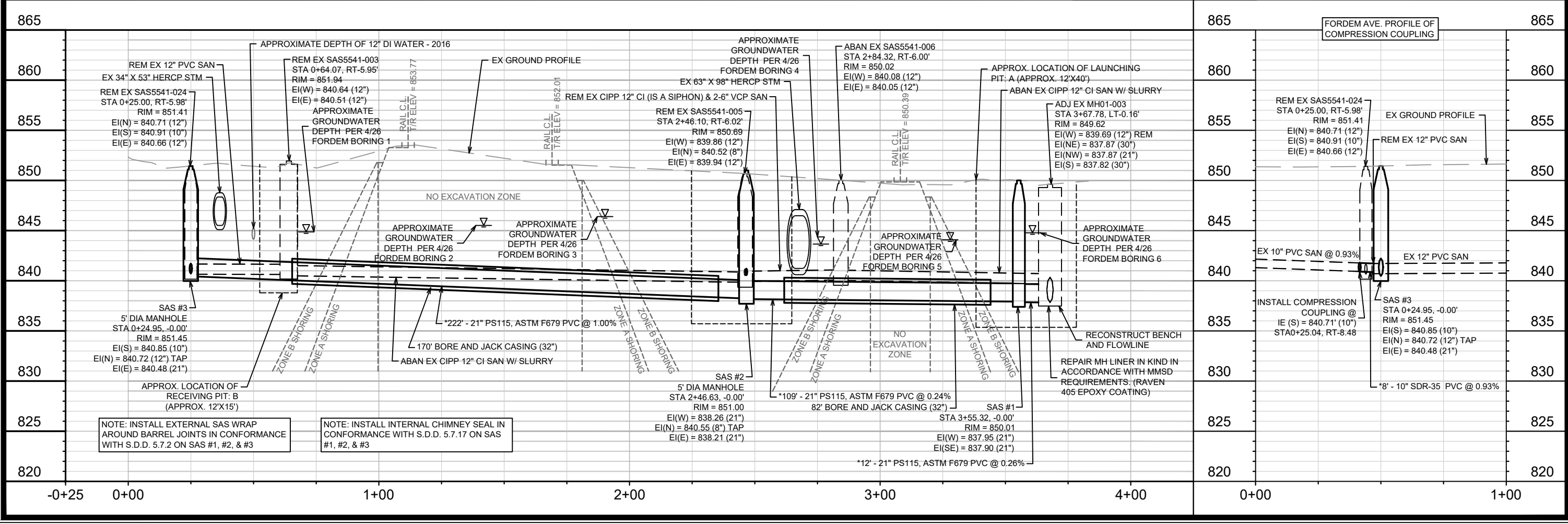
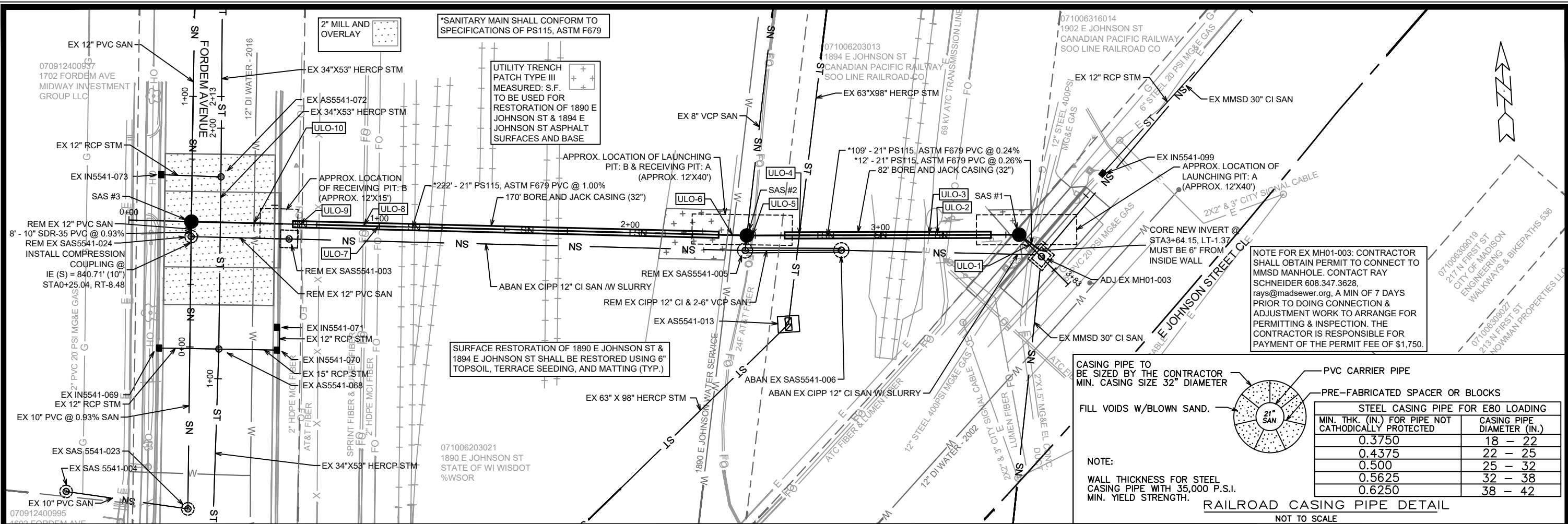
PLOT NAME: ---

REV. DATE: 4/7/2026 3:08 PM

ORIGINATOR: CITY_OF_MADISON



	FORDEM AVE & E JOHNSON ST - PLAN ONLY		14922		
	FORDEM AVE - FIRST STREET RELIEF SEWER		P-1		
M:\DESIGN\Projects\14922\CAD\Streets\14922EN-Street\Network.dwg		14922		14922	
CONTRACT NO: 9807		MADISON, WI		14922	
DESIGNED BY: TAC		DATE: 6/10/2026 1:24 PM		BY: P-1	
REVISION		MARK		DATE	



SANITARY SEWER SCHEDULE

PROPOSED SANITARY STRUCTURES

SAS NO.	STATION	LOCATION (OFFSET)	TOP OF CASTING	E.I.	DEPTH (FT)	NOTES
FORDEM SANITARY						
SAS #1	3+55.32	CL	850.01	837.90	12.11	[1][2]
SAS #2	2+46.63	CL	851.00	838.21	12.79	[1][2][6]
SAS #3	0+24.95	CL	851.45	840.48	10.97	[1][2][6]

SANITARY STRUCTURE ABANDONMENTS

SAS NO.	STATION	LOCATION (OFFSET)	TOP OF CASTING	E.I.	DEPTH	NOTES
FORDEM SANITARY						
SAS 5541-006	2+84.32	RT-6.00	850.02	840.05	9.97	-

SANITARY STRUCTURE REMOVALS

SAS NO.	STATION	LOCATION (OFFSET)	TOP OF CASTING	E.I.	DEPTH	NOTES
FORDEM SANITARY						
SAS 5541-005	2+46.10	RT-6.02	850.69	840.12	10.57	-
SAS 5541-003	0+64.07	RT-5.95	851.94	840.51	11.43	-
SAS 5541-024	0+25.00	RT-5.98	851.41	840.66	10.75	-

SEWER ULOs (4 ADDITIONAL UNDISTRIBUTED ULOs INCLUDED)

ULO NO.	STATION	LOCATION (OFFSET)	TYPE	TOP ELEV.	NOTES
ULO-1	3+61.38	LT-0.94	MG&E ELETRIC		-
ULO-2	3+22.64	CL	ATC FIBER & LUMEN FIBER		-
ULO-3	3+19.28	CL	ATC ELETRIC		-
ULO-4	2+67.58	CL	CITY STORM		-
ULO-5	2+48.74	CL	AT&T FIBER		-
ULO-6	2+40.98	CL	1890 E JOHNSON WATER LATERAL		-
ULO-7	0+99.60	CL	MCI FIBER		-
ULO-8	0+93.56	CL	SPRINT FIBER & LUMEN FIBER		-
ULO-9	0+68.21	CL	AT&T & MCI FIBER		-
ULO-10	0+49.95	CL	12" WATER MAIN		-

SPECIFIC NOTES

- [1] INSTALL INTERNAL CHIMNEY SEAL IN CONFORMANCE WITH S.D.D. 5.7.17
- [2] EXTERNAL SAS WRAP AROUND BARREL JOINTS IN CONFORMANCE WITH S.D.D. 5.7.2
- [3] INSTALL COMPRESSION COUPLING
- [4] CONNECTION TO MMSD MANHOLE REQUIRES PERMIT FROM MMSD. CONTACT RAY SCHNEIDER @ RAYS@MADSEWER.ORG, 608.347.3628 SEVEN (7) DAYS PRIOR TO COMPLETING THE SEWER CONNECTION AND MANHOLE ADJUSTMENT WORK TO OBTAIN PERMITTING & SCHEDULE INSPECTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PAYMENT OF THE \$1,750 PERMIT FEE.
- [5] IF REQUIRED BY MMSD, MMSD MH01-003 IS A LINED MANHOLE (RAVEN 405 EPOXY COATING). REPAIR LINING COATING IN CONFORMANCE WITH MMSD REQUIREMENTS. PAID FOR IN BID ITEM #90035 (REPAIR MMSD MANHOLE LINER)
- [6] 5' DIAMETER SAS

STANDARD NOTES:

- ABBREVIATIONS: SAS = SEWER ACCESS STRUCTURE
- ALL STRUCTURES SHALL BE SUBMITTED TO CITY ENGINEERING FOR APPROVAL . CONTACT TODD CHOJNOWSKI OF CITY ENGINEERING AT (608)266-4094 FOR PRECAST APPROVALS, FAX SHOP DRAWINGS TO (608)264-9275, OR EMAIL SHOP DRAWINGS TO TCHOJNOWSKI@CITYOFMADISON.COM.

PROPOSED SANITARY PIPES

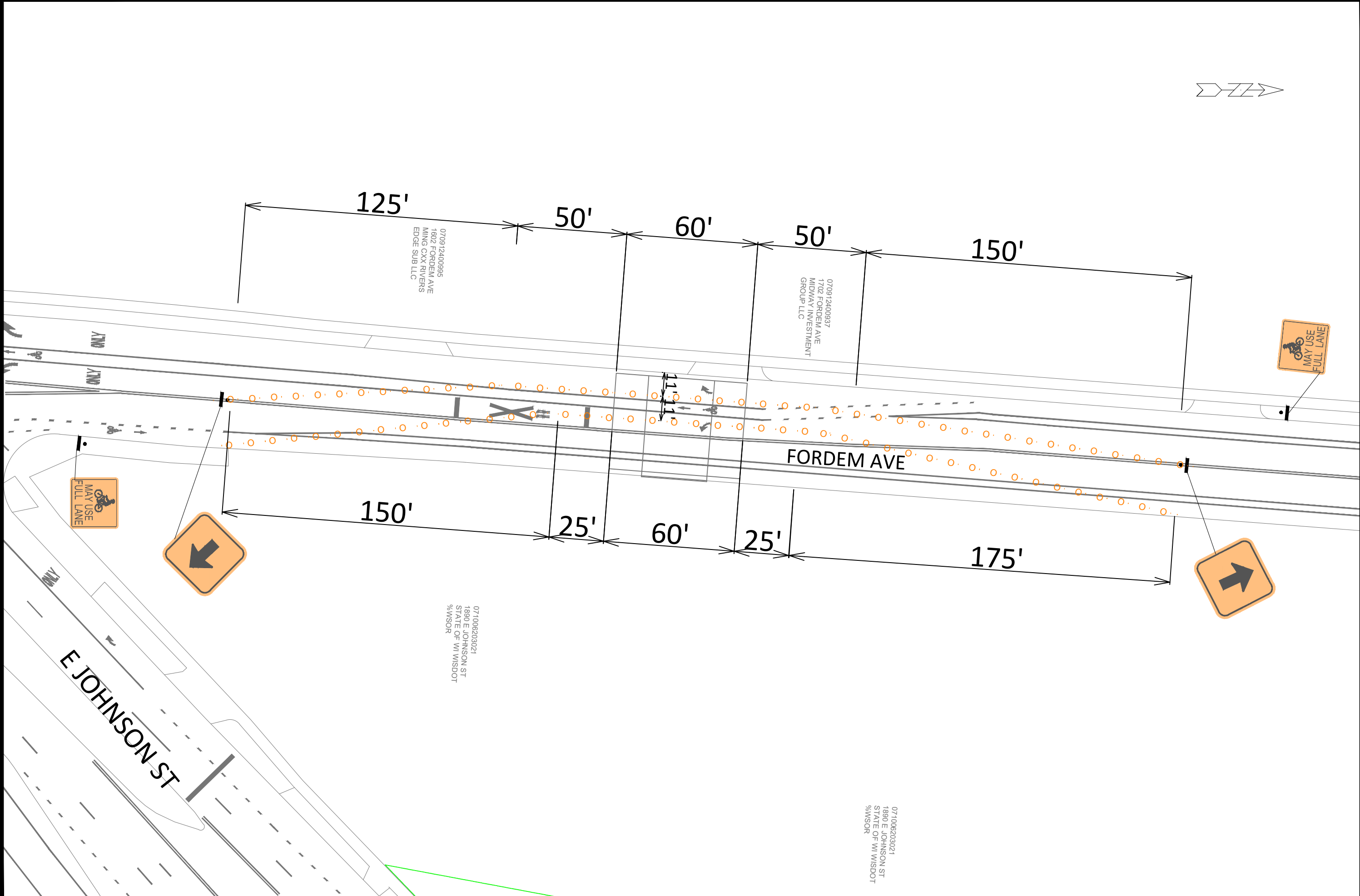
FROM (DNSTM)	TO (UPSTM)	DWNSTRM E.I.	UPSTRM E.I.	PLAN LGTH (FT)	SLOPE (%)	PIPE SIZE	PVC TYPE	NOTES
FORDEM SANITARY								
MH01-003	SAS #1	837.87	837.90	12	0.26%	21"	PS115, ASTM F679	[4][5]
SAS #1	SAS #2	837.95	838.21	109	0.24%	21"	PS115, ASTM F679	-
SAS #2	SAS #3	838.26	840.48	222	1.00%	21"	PS115, ASTM F679	-
SAS #3	STA 0+25.04, RT-8.48	840.85	840.93	8	0.93%	10"	SDR-35	[3]

SANITARY PIPES ABANDONMENTS

ABANDON FROM	ABANDON TO	TOTAL LGTH (FT)	PAY LGTH (FT)	PIPE SIZE	PIPE TYPE	NOTES
FORDEM SANITARY						
MMSD MH01-003	SAS 5541-006	80	60	12"	CIPP-CI	SLURRY 2.3 CY
SAS 5541-005	SAS 5541-003	182	182	12"	CIPP-CI	SLURRY 5.3 CY

SANITARY PIPES REMOVALS

ABANDON FROM	ABANDON TO	TOTAL LGTH (FT)	PAY LGTH (FT)	PIPE SIZE	PIPE TYPE	NOTES
FORDEM SANITARY						
MMSD MH01-003	SAS #1	20	0	12"	CIPP-CI	-
SAS 5541-006	SAS 5541-005	38	38	12"	CIPP-CI	-
SAS 5541-006	SAS 5541-005	38	38	6"	VCP	-
SAS 5541-006	SAS 5541-005	38	38	6"	VCP	-
SAS 5541-003	5541-024	39	39	12"	CIPP-CI	-
SAS #4	5541-024	8	0	12"	PVC	-





14922

TC-1

TRAFFIC CONTROL PLAN

FORMER AVE - FIRST STREET RELIEF SEWER

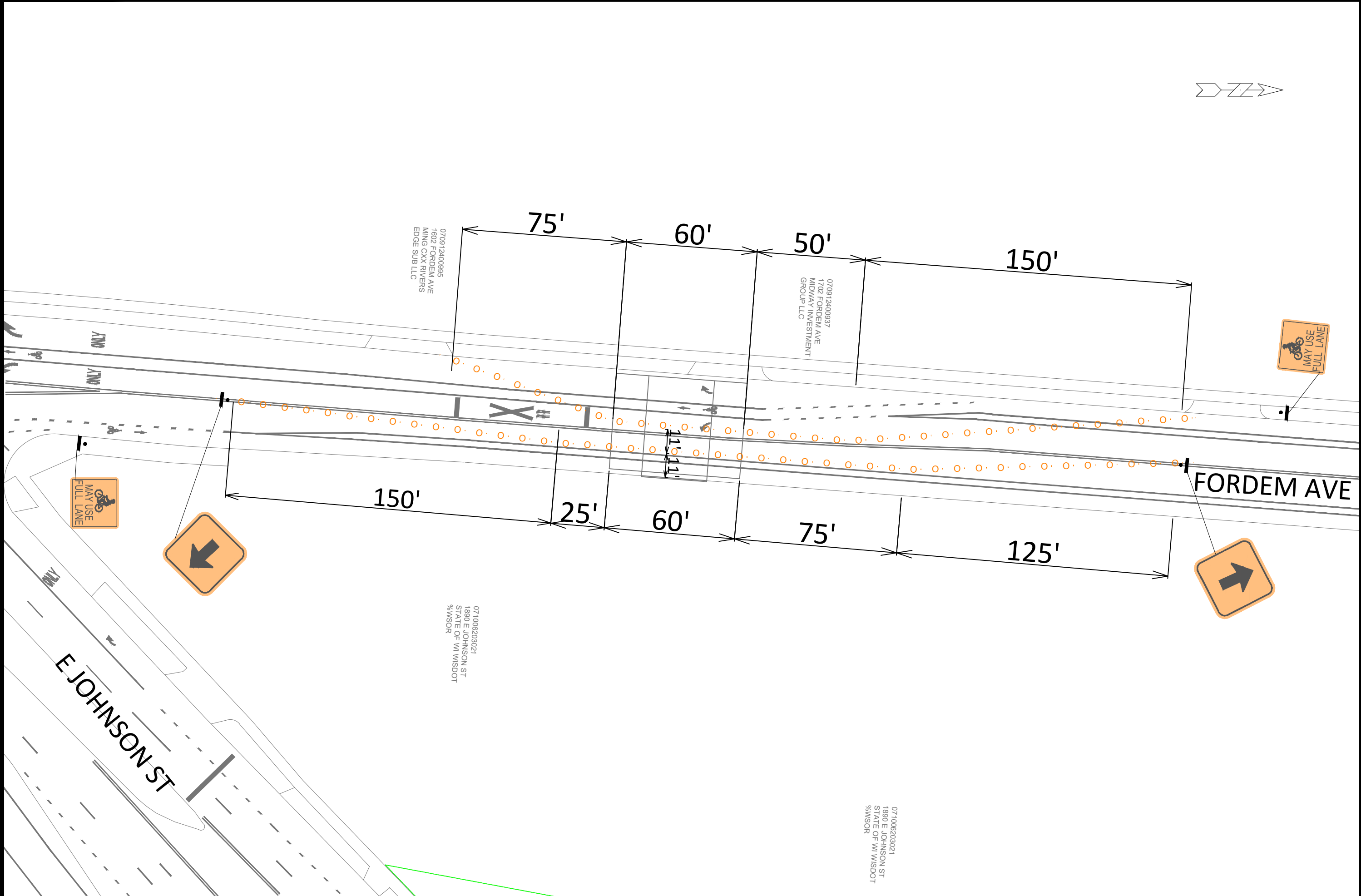
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14922

MADISON, WI

CONTRACT NO: 9807

DATE	BY
4/2/2026	TC-1
REVISION	
Scale:	
Designed By: SDM	
14922	



	14922		14922	
	TC-2		TC-2	
TRAFFIC CONTROL PLAN		14922		
FORMER AVE - FIRST STREET RELIEF SEWER		MADISON, WI		
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MARK		REVISION	DATE	
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14922		Scale: TC-2		

