

Madison, Wisconsin

INDEX OF SHEETS

TITLE	1	TITLE
SHEET NO.	D1-D2	DETAILED LINING LIST
SHEET NO.	P1-P14	UTILITY PLANS

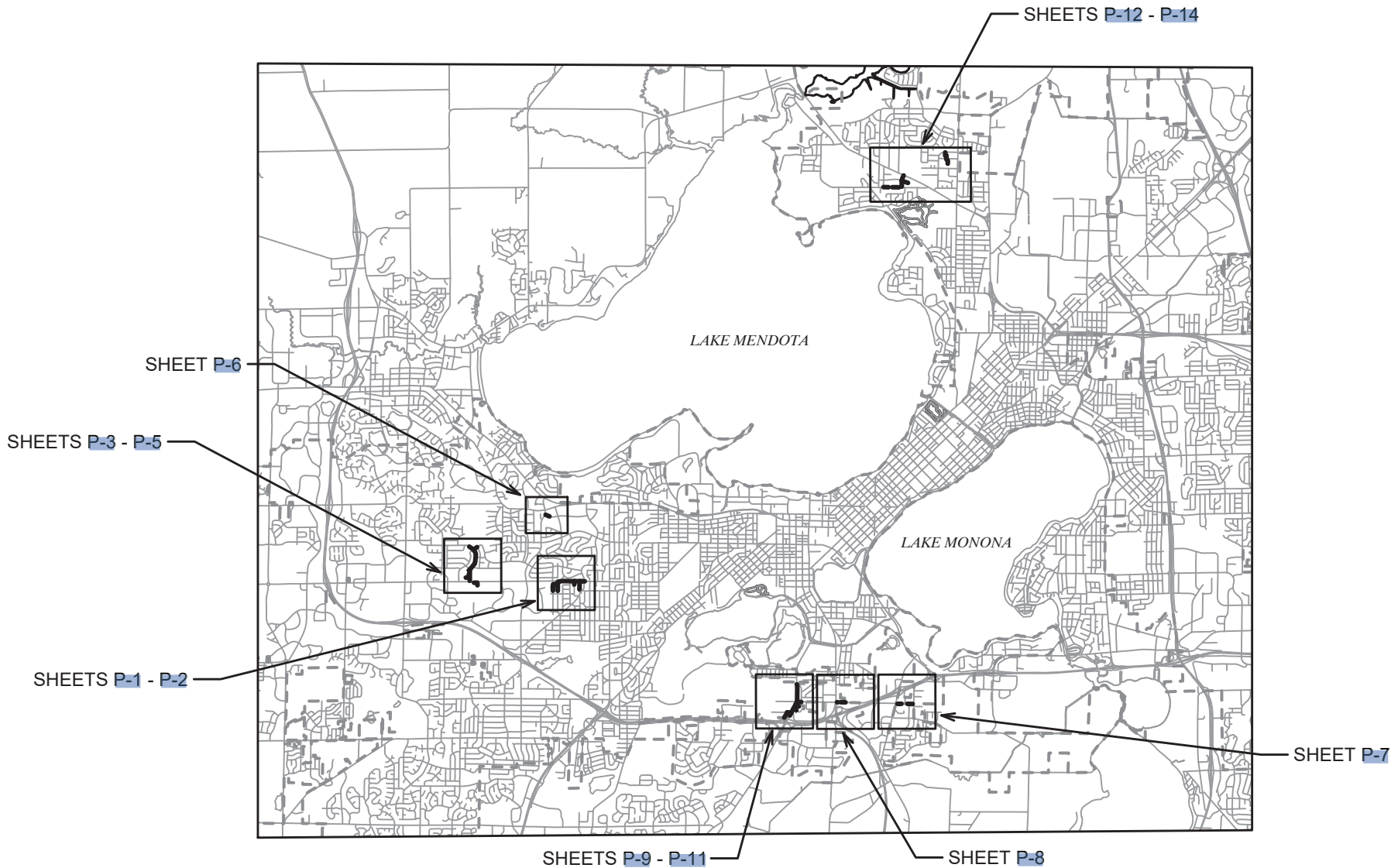
SHEET NO P-15 ADDED WITH REVISION 1

SHEET NO P-16 ADDED WITH REVISION 2

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

CIPP UV LINING REHABILITATION OF
SEWERS PHASE 1 - 2024

CITY PROJECT NO. 14923
CONTRACT NO. 9487



PUBLIC IMPROVEMENT PROJECT
APPROVED

MARCH 5, 2024

BY THE COMMON COUNCIL
OF MADISON, WISCONSIN

PUBLIC IMPROVEMENT DESIGN
APPROVED BY:

Apr 5, 2024

City Engineer

Date

SANITARY SEWER
DESIGNED BY:



Apr 5, 2024

PLOT SCALE: 1 IN=1 FT_XREF

PLOT NAME: ---

REV. DATE: 4/2/2024 9:57 AM

ORIGINATOR: CITY_OF_MADISON



LOCATION	U.S. STRUCT.	D.S. STRUCT.	DIA (IN)	LENGTH (LF)	MATERIAL	LATERALS	OUTSIDE DROPS	SHEET
Rushmore Lane	SAS3456-001	SAS3456-002	8	279	VP	7	--	P-1
Rushmore Lane	SAS3456-002	SAS3456-003	8	162	VP	2	--	P-1
Rushmore Lane	SAS3456-003	SAS3456-004	8	306	VP	6	--	P-1
Presidential Lane	SAS3456-007	SAS3456-006	8	266	VP	7	--	P-1
Presidential Lane	SAS3456-006	SAS3456-004	8	204	VP	4	--	P-1
Presidential Lane	SAS3456-004	SAS3456-005	8	132	VP	3	--	P-1
Mineral Point Road	SAS3456-005	SAS3555-015	8	252	VP	1	--	P-1
Mineral Point Road	SAS3555-015	SAS3556-001	8	186	VP	0	--	P-1
Mineral Point Road	SAS3556-001	SAS3555-016	8	206	VP	0	--	P-1
Mineral Point Road	SAS3555-016	SAS3555-017	8	212	VP	1	--	P-1
Mineral Point Road	SAS3555-017	SAS3555-018	8	268	VP	1	--	P-2
Mineral Point Road	SAS3555-018	SAS3555-019	8	258	VP	2	--	P-2
Mineral Point Road	SAS3555-019	SAS3555-020	10	84	VP	0	--	P-2
Mineral Point Road	SAS3555-020	SAS3655-016	10	170	VP	2	--	P-2
Mineral Point Road	SAS3655-016	SAS3655-017	10	182	VP	0	--	P-2
Mineau Parkway	SAS3556-012	SAS3555-018	8	228	VP	0	--	P-2
Hilltop Drive	SAS3556-017	SAS3556-016	8	196	VP	3	--	P-2
Hilltop Drive	SAS3556-016	SAS3555-020	8	350	VP	5	--	P-2
Mineral Point Road	SAS3056-004	SAS3056-002	8	176	VP	0	--	P-3
Mineral Point Road	SAS3056-002	SAS3056-003	8	240	VP	0	1	P-3
Mineral Point Road	SAS3056-003	SAS3055-008	8	113	VP	0	--	P-3
Mineral Point Road	SAS3055-006	SAS3055-007	8	185	VP	0	--	P-3
Mineral Point Road	SAS3055-007	SAS3055-008	8	25	VP	0	--	P-3
Mineral Point Road	SAS3055-008	SAS3055-009	8	245	VP	1	--	P-3
Island Drive	SAS3055-001	SAS3055-002	8	200	VP	1	--	P-3
Island Drive	SAS3055-002	SAS3055-003	8	215	VP	2	--	P-3
Island Drive	SAS3055-009	SAS3055-010	8	182	VP	1	--	P-3
Island Drive	SAS3055-010	SAS3055-011	8	320	VP	1	--	P-3
Island Drive	SAS3055-011	SAS3055-005	8	250	VP	0	--	P-4
Island Drive	SAS3055-004	SAS3055-005	8	88	VP	0	--	P-4
Island Drive	SAS3055-005	SAS3054-005	8	288	VP	2	--	P-4
Island Drive	SAS3054-005	SAS3054-006	8	229	VP	1	--	P-4
Island Drive	SAS3054-006	SAS3054-013	8	140	VP	1	--	P-4
Island Drive	SAS3054-013	SAS3054-014	8	289	VP	2	--	P-4
Island Drive	SAS3054-014	SAS3053-009	8	181	VP	1	--	P-5
Island Drive	SAS3053-009	SAS3053-010	8	123	VP	1	--	P-5
Island Drive	SAS3053-010	SAS3053-003	8	245	VP	2	1	P-5
Island Drive	SAS3053-002	SAS3053-003	15	349	RCP	0	--	P-5
Island Drive	SAS3053-003	SAS3053-004	15	295	VP	3	--	P-5
Sheboygan Avenue	SAS3451-018	SAS3450-005	8	283	VP	2	--	P-6

D-1 DETAILED LINING LIST

CIPP UV LINING REHABILITATION OF SEWERS PHASE 1 - 2024

CITY OF MADISON
WISCONSIN

14923

D-1

14923

MADISON, WI

CONTRACT NO: 9487

F:\Encommon\Trenchless\2024 MH2MH\PHASE 1\CAD\14923 Plans.dwg

MARK

REVISION

DATE

BY

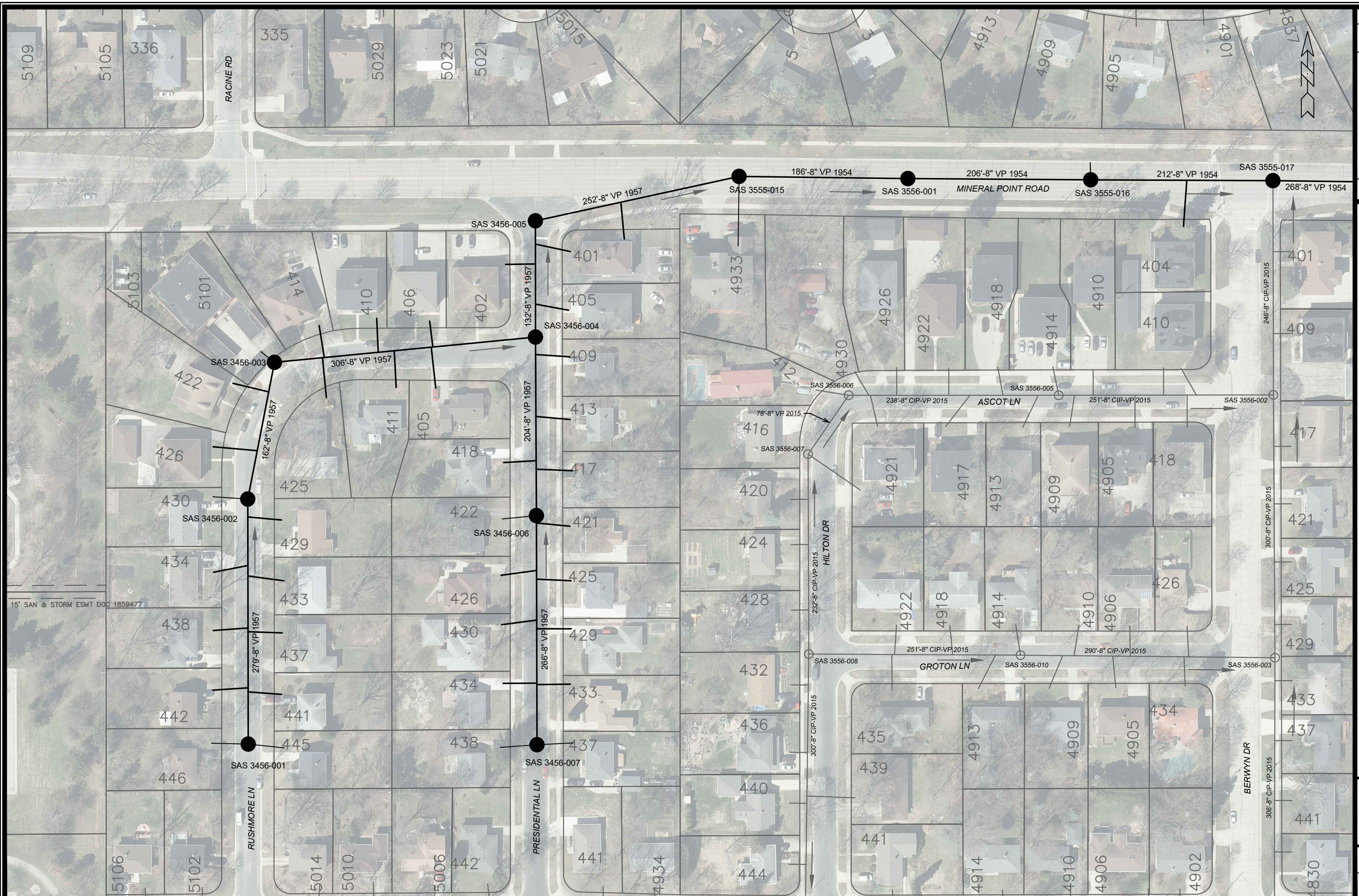
14923

Desiged By: EAC

Date: 4/4/2024 11:31 AM

Scale: 1" = 100'

D-1

[illegible]

14923

MADISON, WI

CIPP UV LINING REHABILITATION OF SEWERS PHASE 1 - 2024

F:\Encommon\Trenchless\2024 MH2MH\PHASE 1\CAD\14923 Plans.dwg

9487

CONTRACT NO:

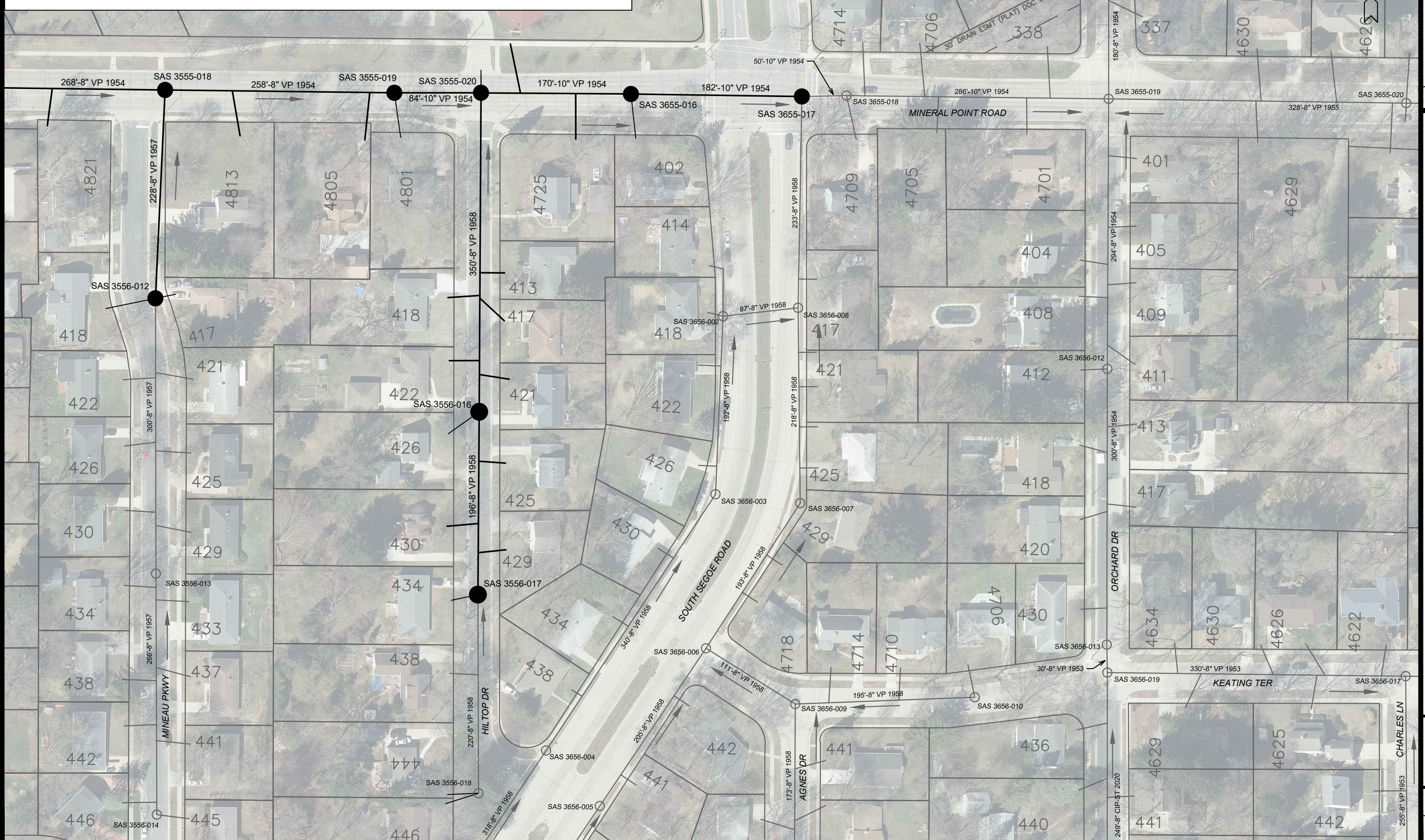
P-1 UTILITY PLAN



14923

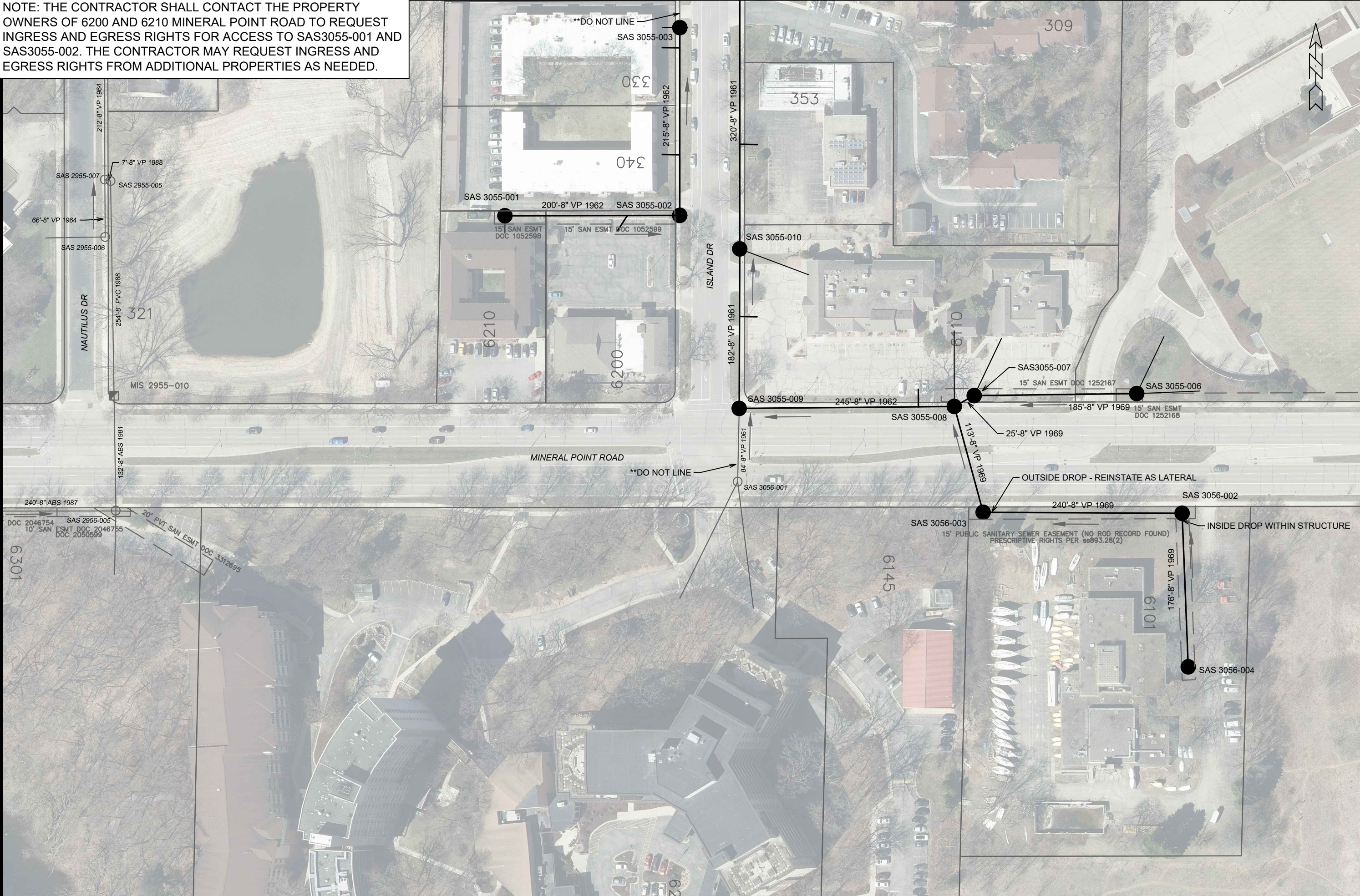
P-1

NOTE: THE CONTRACTOR SHALL MAINTAIN TWO LANES OF TRAFFIC IN EACH DIRECTION ON MINERAL POINT EAST OF HILLTOP DRIVE DURING PEAK HOURS (7:00AM-8:30AM & 3:30PM-6:00PM). MEETING THIS REQUIREMENT MAY REQUIRE WEEKEND WORK AND/OR NIGHT WORK, WHICH MUST BE COORDINATED WITH THE CITY AT LEAST TWO MONTHS IN ADVANCE OF PROPOSED WORK. CONTACT PROJECT MANAGER ERIC CEFALU AT (608) 243-5894 FOR WEEKEND WORK AND/OR NIGHT WORK REQUESTS RELATED TO THIS PROJECT.



		14923 P-2	
P-2 UTILITY PLAN 14923			
CIPP UV LINING REHABILITATION OF SEWERS PHASE 1 - 2024 MADISON, WI			
F:\Encommon\Trenchless\2024 MH2MHPHASE 1\CAD\14923 Plans.dwg CONTRACT NO.: 9487			
MARK	REVISION	DATE	BY
Designed By: EAC		Date: 4/4/2024 11:39 AM	Scale: 1" = 100'
14923		P-2	

NOTE: THE CONTRACTOR SHALL CONTACT THE PROPERTY OWNERS OF 6200 AND 6210 MINERAL POINT ROAD TO REQUEST INGRESS AND EGRESS RIGHTS FOR ACCESS TO SAS3055-001 AND SAS3055-002. THE CONTRACTOR MAY REQUEST INGRESS AND EGRESS RIGHTS FROM ADDITIONAL PROPERTIES AS NEEDED.



MARK	REVISION	DATE	BY
14923	Designed By: EAC	Date: 4/4/2024 11:39 AM	Scale: 1" = 100'
			P-3

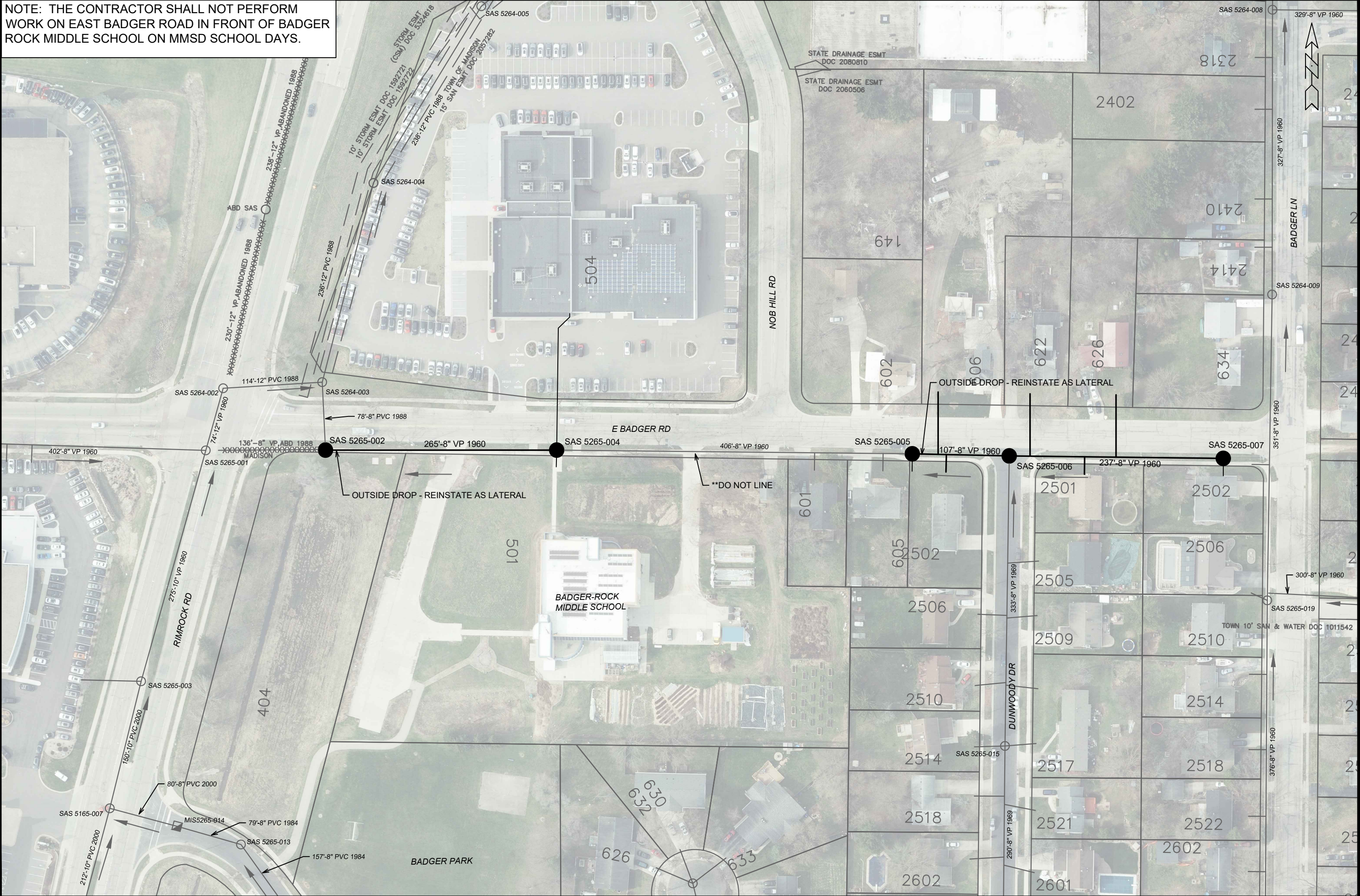
P-3 UTILITY PLAN		14923
CIPP UV LINING REHABILITATION OF SEWERS PHASE 1 - 2024	MADISON, WI	
F:\Encommon\Trenchless\2024 MH2MH\PHASE 1\CAD\14923 Plans.dwg	CONTRACT NO:	9487



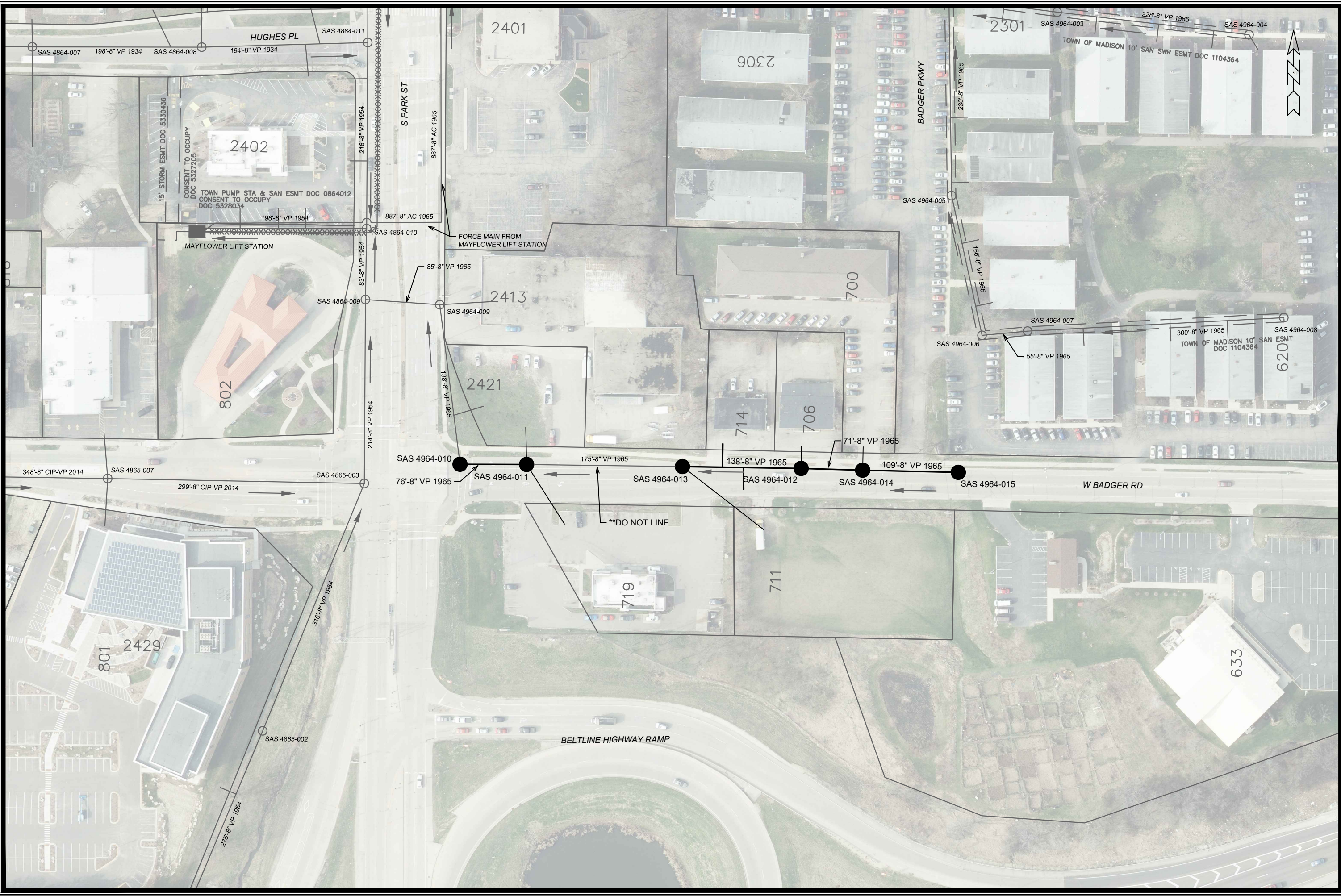
14923
P-3



NOTE: THE CONTRACTOR SHALL NOT PERFORM WORK ON EAST BADGER ROAD IN FRONT OF BADGER ROCK MIDDLE SCHOOL ON MMSD SCHOOL DAYS.



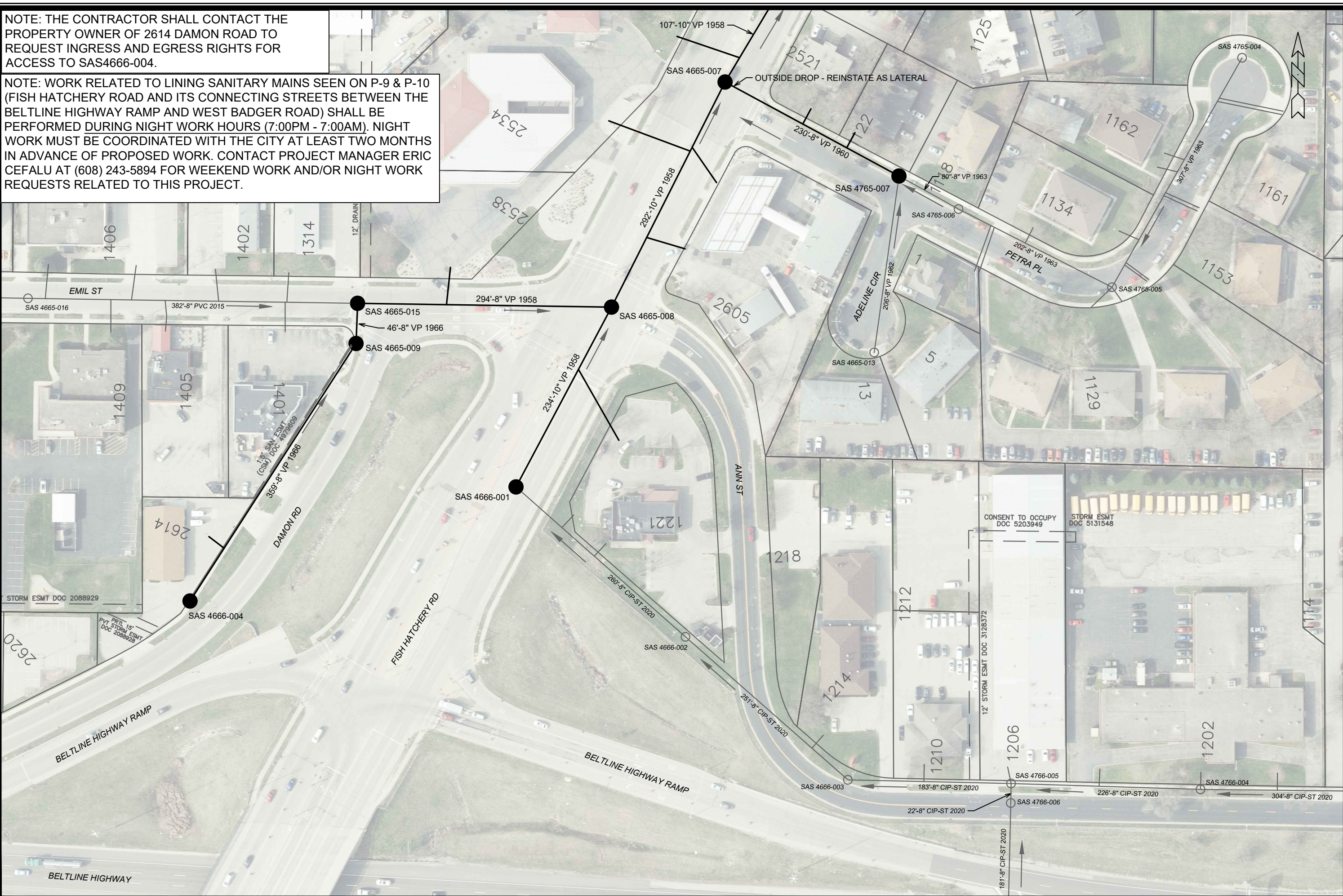
14923		MADISON, WI		CONTRACT NO: 9487	
P-7 UTILITY PLAN		CIPP UV LINING REHABILITATION OF SEWERS PHASE 1 - 2024		F:\Encommon\Trenchless2024\MH2\MH1\PHASE 1\CAD\14923 Plans.dwg	
		14923		P-7	
MARK	REVISION	DATE	BY	Scale: 1" = 100'	
14923		4/4/2024 11:47 AM			



P-8 UTILITY PLAN		14923	
CIPP UV LINING REHABILITATION OF SEWERS PHASE 1 - 2024		MADISON, WI	
F:\Encommon\Trenchless\2024 MH2MH\PHASE 1\CAD\14923 Plans.dwg		CONTRACT NO: 9487	
		P-8	
14923		14923	
P-8		P-8	
REVISION		BY	
DATE		DATE	
DESIGNED BY: EAC		Scale: 1" = 100'	
Date: 4/17/2024 11:49 AM			

NOTE: THE CONTRACTOR SHALL CONTACT THE PROPERTY OWNER OF 2614 DAMON ROAD TO REQUEST INGRESS AND EGRESS RIGHTS FOR ACCESS TO SAS4666-004.

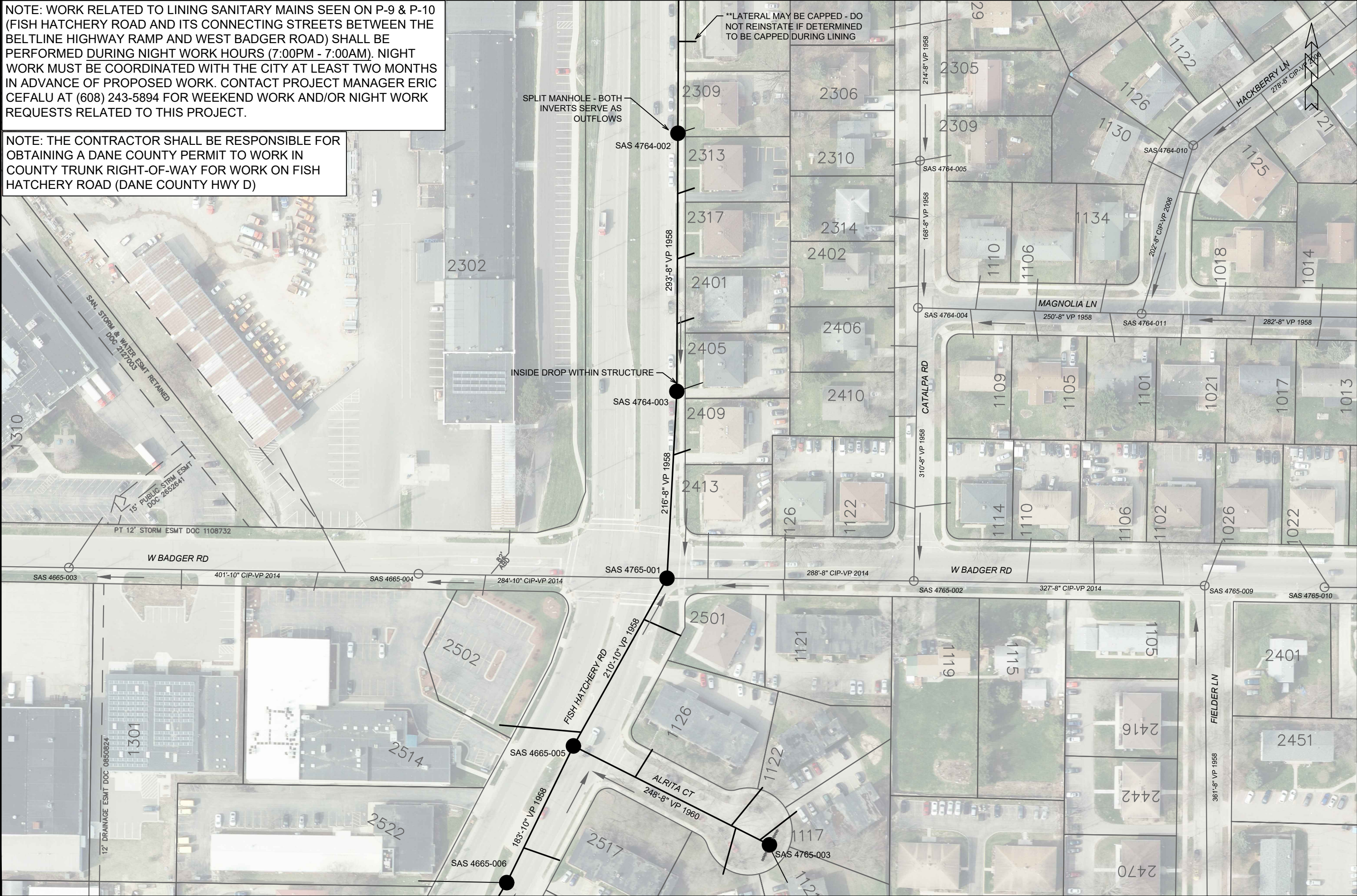
NOTE: WORK RELATED TO LINING SANITARY MAINS SEEN ON P-9 & P-10 (FISH HATCHERY ROAD AND ITS CONNECTING STREETS BETWEEN THE BELTLINE HIGHWAY RAMP AND WEST BADGER ROAD) SHALL BE PERFORMED DURING NIGHT WORK HOURS (7:00PM - 7:00AM). NIGHT WORK MUST BE COORDINATED WITH THE CITY AT LEAST TWO MONTHS IN ADVANCE OF PROPOSED WORK. CONTACT PROJECT MANAGER ERIC CEFALU AT (608) 243-5894 FOR WEEKEND WORK AND/OR NIGHT WORK REQUESTS RELATED TO THIS PROJECT.



P-9 UTILITY PLAN		14923	
CIPP UV LINING REHABILITATION OF SEWERS PHASE 1 - 2024		MADISON, WI	
F:\Encommon\Trenchless\2024 MH2MH\PHASE 1\CAD\14923 Plans.dwg		Contract No: 9487	
14923		P-9	
P-9		P-9	
DATE		BY	
REVISION		DATE	
MARK		Scale: 1" = 100'	
Designed By: EAC		Date: 4/4/2024 11:51 AM	

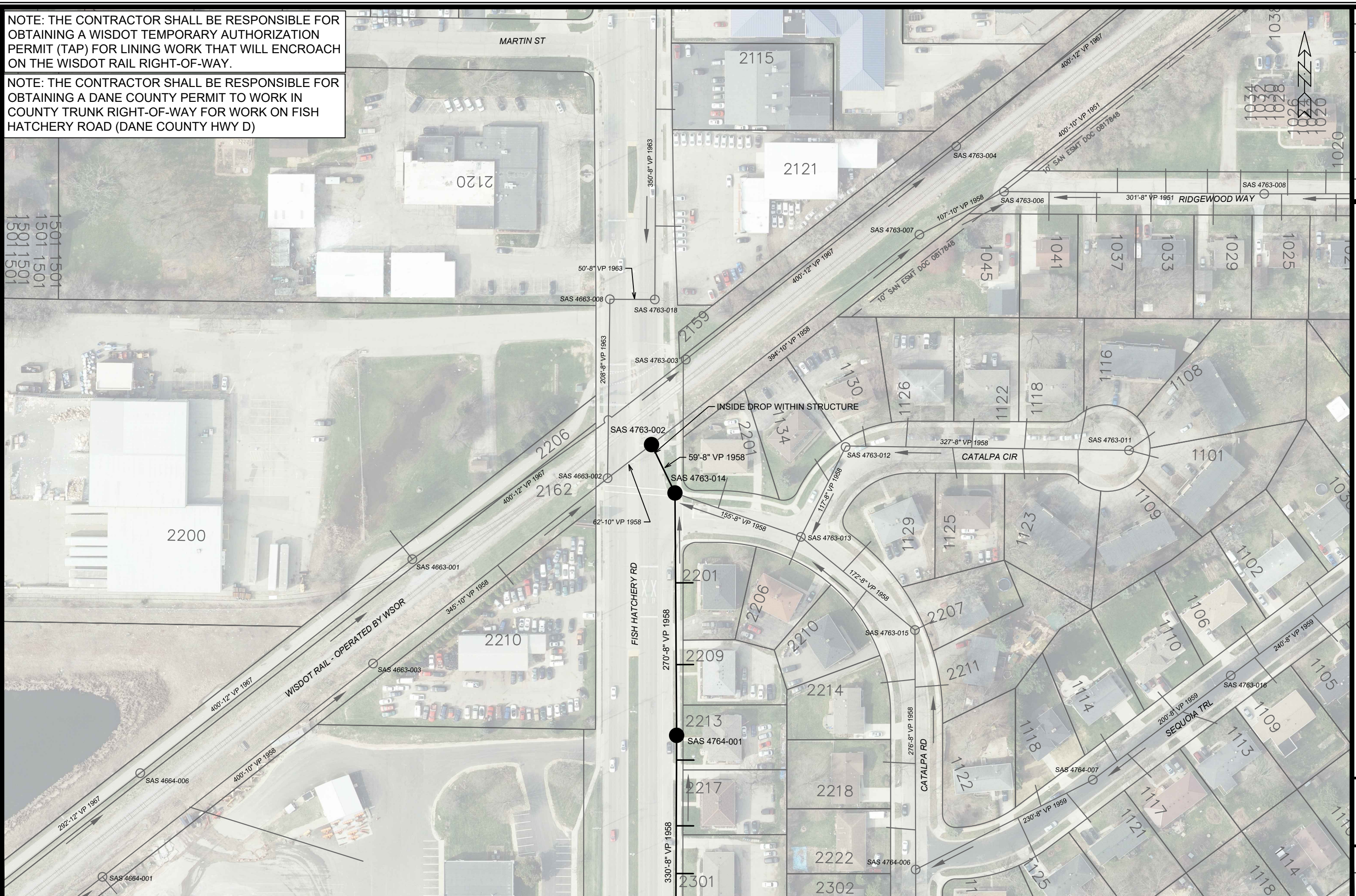
NOTE: WORK RELATED TO LINING SANITARY MAINS SEEN ON P-9 & P-10 (FISH HATCHERY ROAD AND ITS CONNECTING STREETS BETWEEN THE BELTLINE HIGHWAY RAMP AND WEST BADGER ROAD) SHALL BE PERFORMED DURING NIGHT WORK HOURS (7:00PM - 7:00AM). NIGHT WORK MUST BE COORDINATED WITH THE CITY AT LEAST TWO MONTHS IN ADVANCE OF PROPOSED WORK. CONTACT PROJECT MANAGER ERIC CEFALU AT (608) 243-5894 FOR WEEKEND WORK AND/OR NIGHT WORK REQUESTS RELATED TO THIS PROJECT.

NOTE: THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING A DANE COUNTY PERMIT TO WORK IN COUNTY TRUNK RIGHT-OF-WAY FOR WORK ON FISH HATCHERY ROAD (DANE COUNTY HWY D)



P-10 UTILITY PLAN		14923	14923
CIPP UV LINING REHABILITATION OF SEWERS PHASE 1 - 2024		MADISON, WI	P-10
F:\Encommon\Trenchless\2024 MH2M\PHASE 1\CAD\14923 Plans.dwg		Contract No: 9487	Scale: 1" = 100'
		Designed By: EAC	DATE: 4/4/2024 11:53 AM
		REVISION	BY
		MARK	DATE

NOTE: THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING A DANE COUNTY PERMIT TO WORK IN COUNTY TRUNK RIGHT-OF-WAY FOR WORK ON FISH HATCHERY ROAD (DANE COUNTY HWY D)



MARK	REVISION	DATE	BY
14923	Date: 4/4/2024 11:55 AM	Scale: 1" = 100'	P-11

P-11 UTILITY PLAN	14923
CIPP UV LINING REHABILITATION OF SEWERS PHASE 1 - 2024	MADISON, WI
F:\EncommonTrenchless\2024 MH2MH\PHASE 1\CAD\14923 Plans.dwg	CONTRACT NO: 9487



14923
P-11

NOTE: THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING WISDOT PERMIT DT1553 - APPLICATION/PERMIT TO CONSTRUCT, OPERATE AND MAINTAIN UTILITY FACILITIES ON HIGHWAY RIGHT-OF-WAY FOR WORK ON NORTHPORT DRIVE (STATE HWY 113)



5' DRAIN ESMT (PLAT) DOC 0880638

P-13 UTILITY PLAN		14923
CIPP UV LINING REHABILITATION OF SEWERS PHASE 1 - 2024		MADISON, WI
F:\Encommon\Trenchless\2024 MH2M\PHASE 1\CAD\14923 Plans.dwg		9487
CONTRACT NO:		14923
BY		P-13
DATE		
REVISION		
Designed By: EAC		Date: 4/4/2024 11:58 AM
MARK		14923

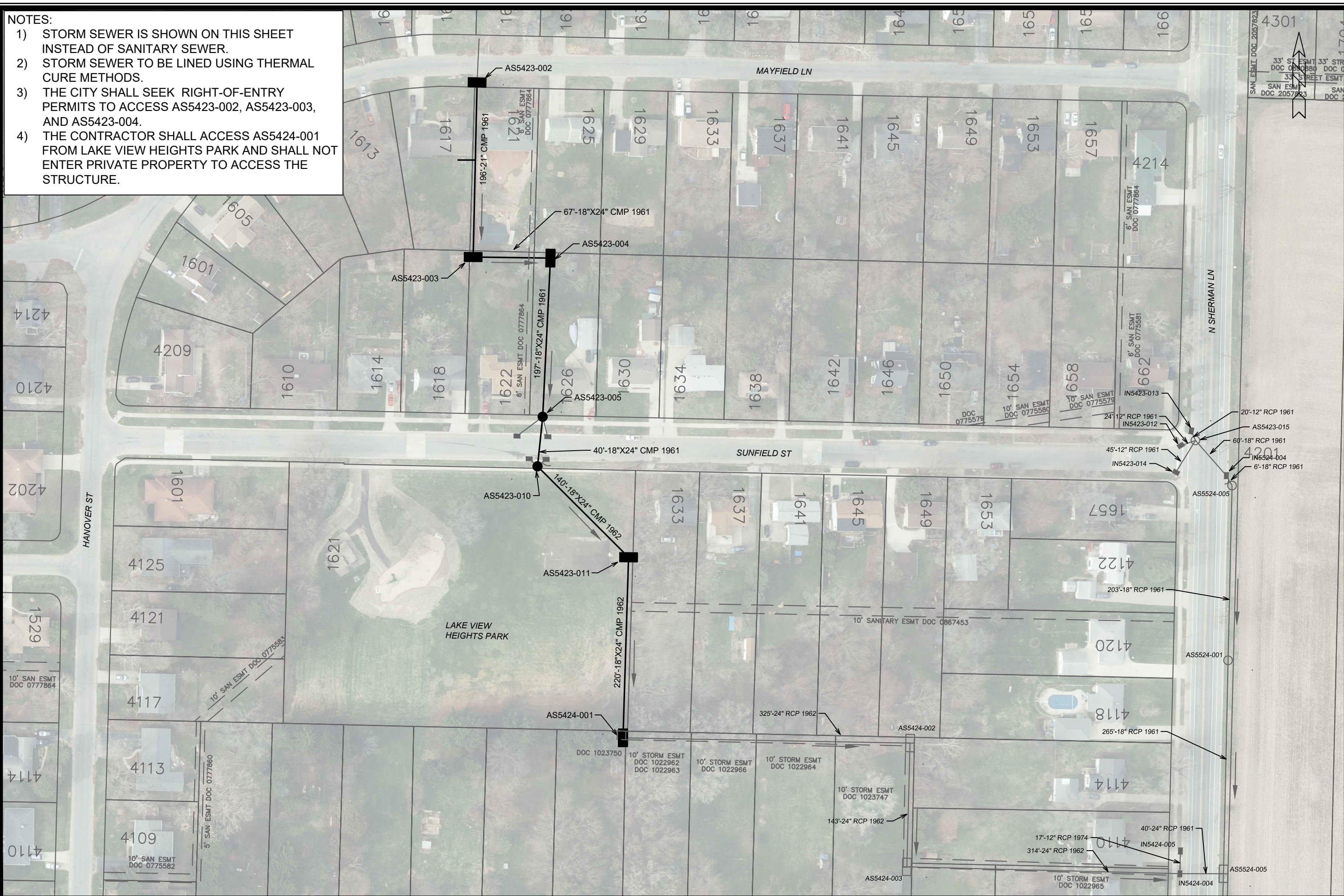


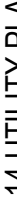
14923
P-13

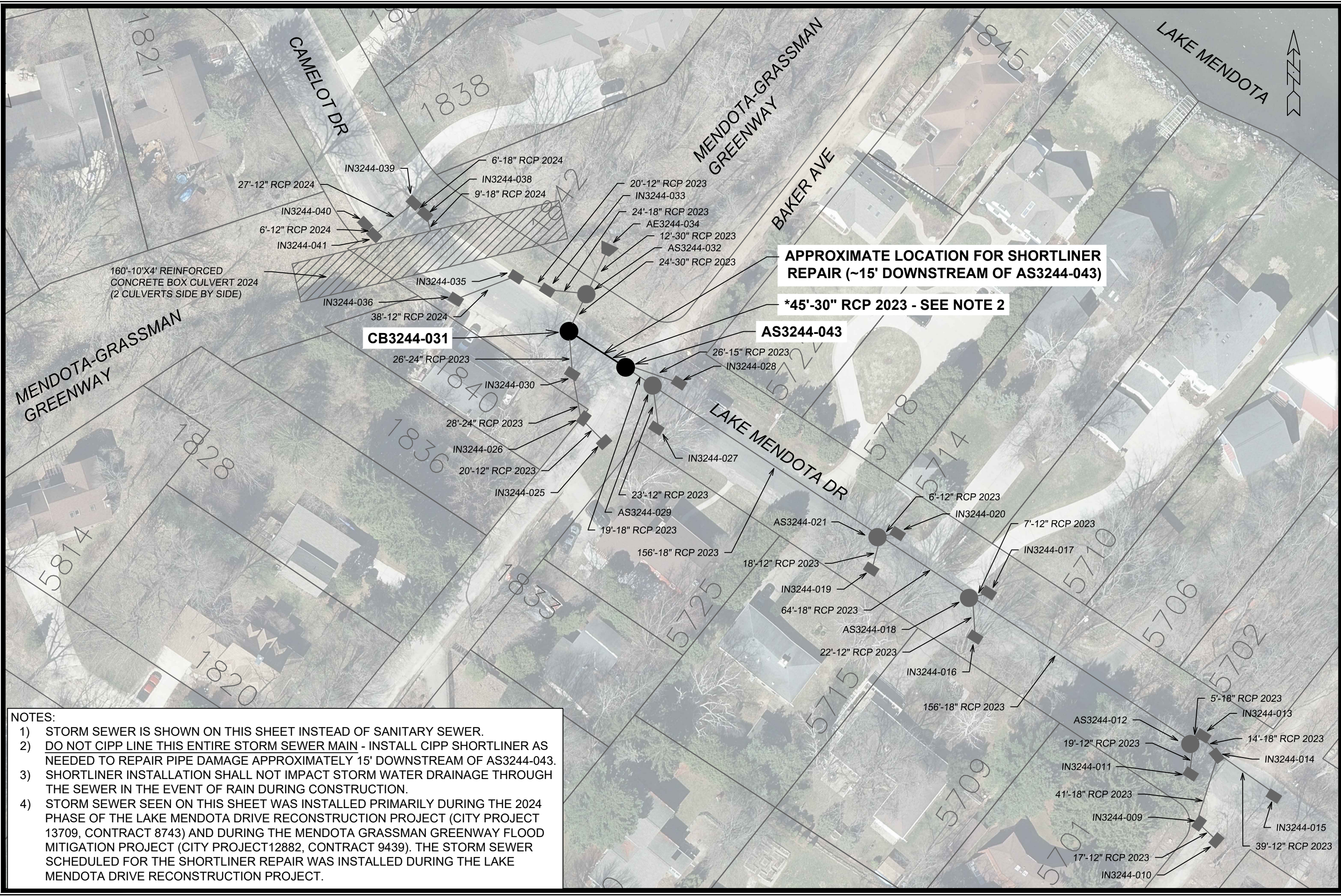
NOTES:

- 1) STORM SEWER IS SHOWN ON THIS SHEET INSTEAD OF SANITARY SEWER.
- 2) STORM SEWER TO BE LINED USING THERMAL CURE METHODS.
- 3) THE CITY SHALL SEEK RIGHT-OF-ENTRY PERMITS TO ACCESS AS5423-002, AS5423-003, AND AS5423-004.
- 4) THE CONTRACTOR SHALL ACCESS AS5424-001 FROM LAKE VIEW HEIGHTS PARK AND SHALL NOT ENTER PRIVATE PROPERTY TO ACCESS THE STRUCTURE.

- 1) STORM SEWER IS SHOWN ON THIS SHEET INSTEAD OF SANITARY SEWER.
- 2) STORM SEWER TO BE LINED USING THERMAL CURE METHODS.
- 3) THE CITY SHALL SEEK RIGHT-OF-ENTRY PERMITS TO ACCESS AS5423-002, AS5423-003, AND AS5423-004.
- 4) THE CONTRACTOR SHALL ACCESS AS5424-001 FROM LAKE VIEW HEIGHTS PARK AND SHALL NOT ENTER PRIVATE PROPERTY TO ACCESS THE STRUCTURE.



		P-14 UTILITY PLAN		14923	
14923		P-14		14923	
CIPP UV LINING REHABILITATION OF SEWERS PHASE 1 - 2024		MADISON, WI		14923	
CONTRACT NO:		9487		14923	
MARK		REVISION		DATE	
Desigined By: EAC		Date: 4/4/2024		Scale: 1" = 100'	
14923		14923		14923	

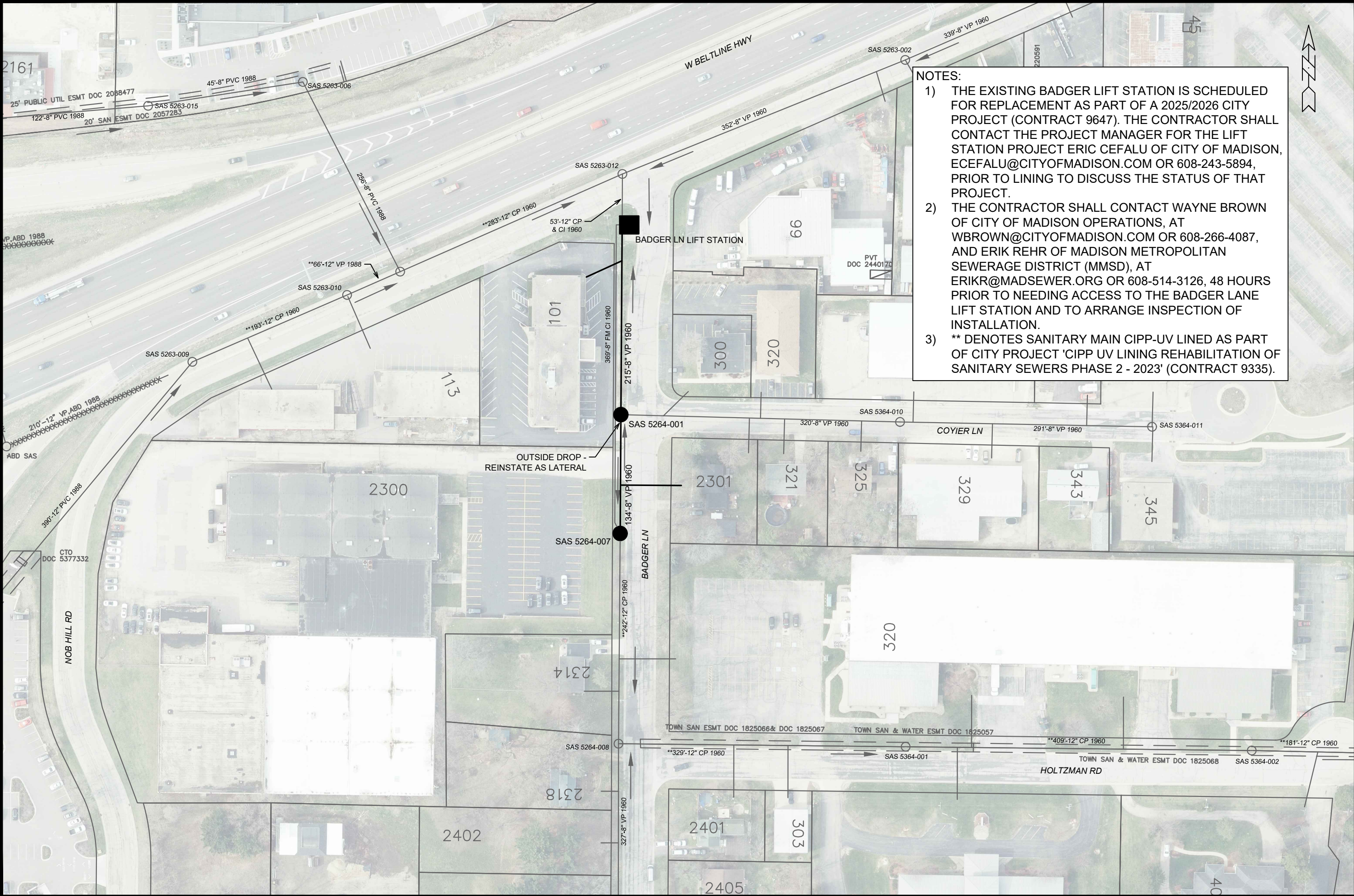


NOTES:

- 1) STORM SEWER IS SHOWN ON THIS SHEET INSTEAD OF SANITARY SEWER.
- 2) DO NOT CIPP LINE THIS ENTIRE STORM SEWER MAIN - INSTALL CIPP SHORTLINER AS NEEDED TO REPAIR PIPE DAMAGE APPROXIMATELY 15' DOWNSTREAM OF AS3244-043.
- 3) SHORTLINER INSTALLATION SHALL NOT IMPACT STORM WATER DRAINAGE THROUGH THE SEWER IN THE EVENT OF RAIN DURING CONSTRUCTION.
- 4) STORM SEWER SEEN ON THIS SHEET WAS INSTALLED PRIMARILY DURING THE 2024 PHASE OF THE LAKE MENDOTA DRIVE RECONSTRUCTION PROJECT (CITY PROJECT 13709, CONTRACT 8743) AND DURING THE MENDOTA GRASSMAN GREENWAY FLOOD MITIGATION PROJECT (CITY PROJECT 12882, CONTRACT 9439). THE STORM SEWER SCHEDULED FOR THE SHORTLINER REPAIR WAS INSTALLED DURING THE LAKE MENDOTA DRIVE RECONSTRUCTION PROJECT.

P-15 UTILITY PLAN		14923	MADISON, WI		9487
CIPP UV LINING REHABILITATION OF SEWERS PHASE 1 - 2024		CONTRACT NO:			
F:\Encommon\Trenchless\2024 MH2\MH1\ PHASE 1 (14923)\CAD\14923 Plans.dwg					
14923		P-15			

MARK	REVISION	DATE	BY
1	LAKE MENDOTA DR STM REPAIR	12/18/24	EAC
Designed By: EAC		Date: 12/19/2024 2:38 PM	Scale: 1" = 50'
14923		P-15	



- NOTES:
- 1) THE EXISTING BADGER LIFT STATION IS SCHEDULED FOR REPLACEMENT AS PART OF A 2025/2026 CITY PROJECT (CONTRACT 9647). THE CONTRACTOR SHALL CONTACT THE PROJECT MANAGER FOR THE LIFT STATION PROJECT ERIC CEFALU OF CITY OF MADISON, ECEFALU@CITYOFMADISON.COM OR 608-243-5894, PRIOR TO LINING TO DISCUSS THE STATUS OF THAT PROJECT.
 - 2) THE CONTRACTOR SHALL CONTACT WAYNE BROWN OF CITY OF MADISON OPERATIONS, AT WBROWN@CITYOFMADISON.COM OR 608-266-4087, AND ERIK REHR OF MADISON METROPOLITAN SEWERAGE DISTRICT (MMSD), AT ERIKR@MADSEWER.ORG OR 608-514-3126, 48 HOURS PRIOR TO NEEDING ACCESS TO THE BADGER LANE LIFT STATION AND TO ARRANGE INSPECTION OF INSTALLATION.
 - 3) ** DENOTES SANITARY MAIN CIPP-UV LINED AS PART OF CITY PROJECT 'CIPP UV LINING REHABILITATION OF SANITARY SEWERS PHASE 2 - 2023' (CONTRACT 9335).

P-16 UTILITY PLAN		14923	MADISON, WI		P-16	
CIPP UV LINING REHABILITATION OF SEWERS PHASE 1 - 2024		CONTRACT NO: 9487		EAC		
F:\Encommon\Trenchless\2024 MH2MH1\PHASE 1 (14923)\CAD\14923 - P16.dwg		14923		DATE 3/4/2025 12:25 PM		
CITY OF MADISON WISCONSIN		2		BY		
14923		BADGER LANE ADDITIONS		EAC		
P-16		REVISION		DATE		
		14923		3/4/25		