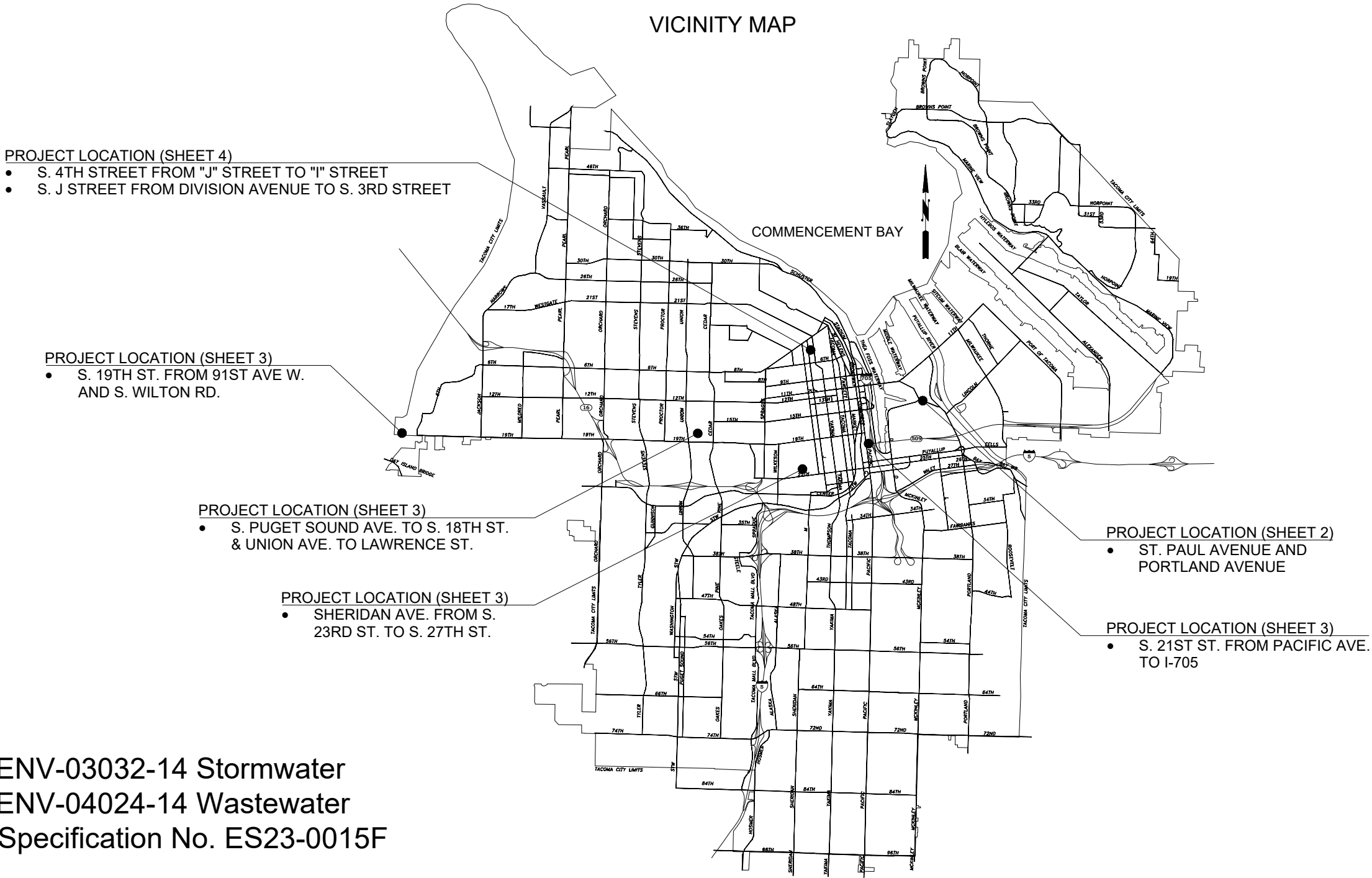




# 2022 Stormwater and Wastewater Ultraviolet Cured-In-Place Pipe Sewer Rehabilitation Project in Various Tacoma Locations - REBID

Environmental Services Department  
March 2023

INDEX OF DRAWINGS	
SHEET NUMBER	TITLE OF DRAWINGS
1	Cover Sheet
2	Plan
3	Plan
4	Plan
5	Plan and Notes

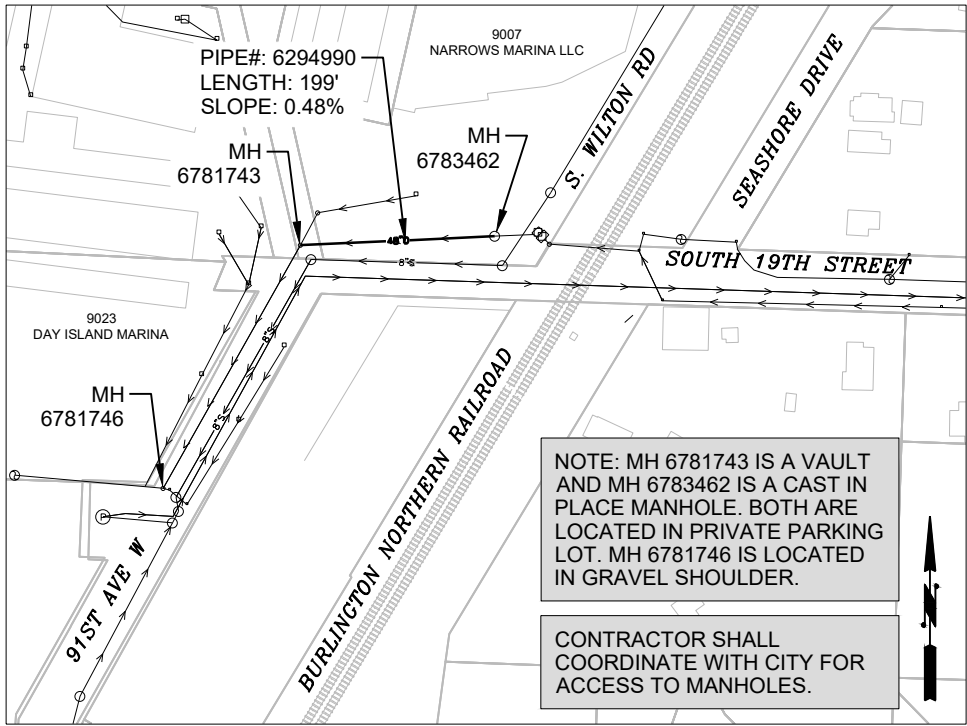


ENV-03032-14 Stormwater  
ENV-04024-14 Wastewater  
Specification No. ES23-0015F

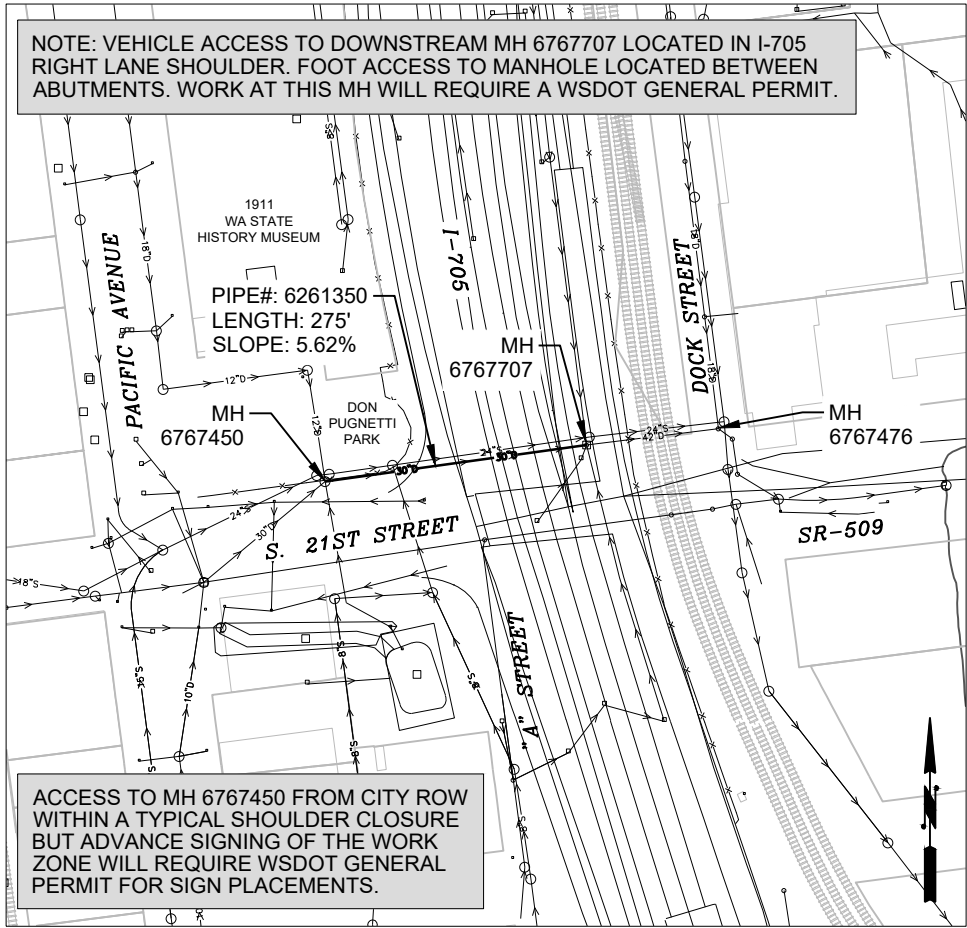
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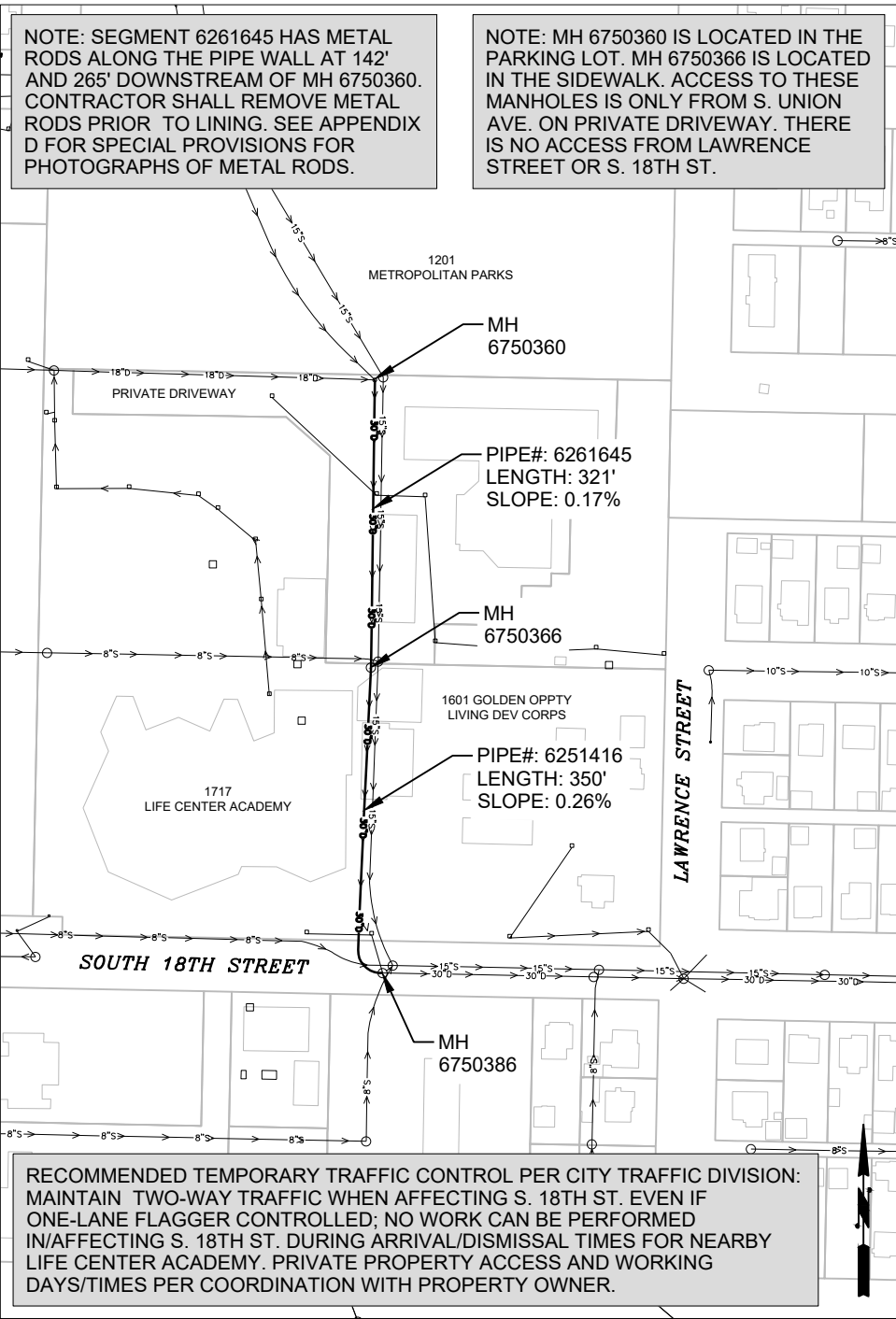




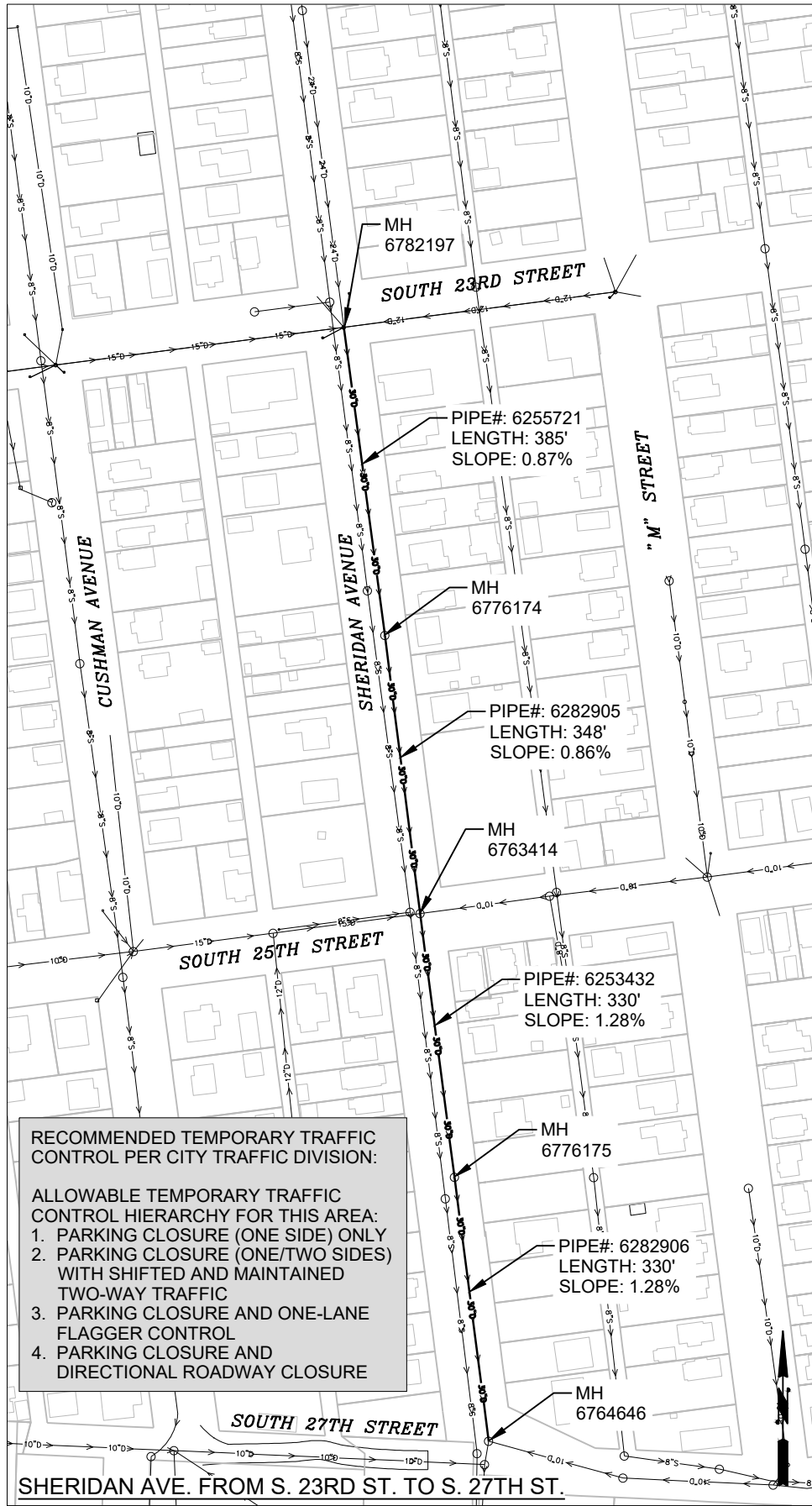
S. 19TH ST. FROM 91ST AVE W. AND S. WILTON RD.



S. 21ST ST. FROM PACIFIC AVE. TO I-705



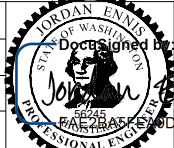
S. PUGET SOUND AVE. TO S. 18TH ST. & UNION AVE. TO LAWRENCE ST.



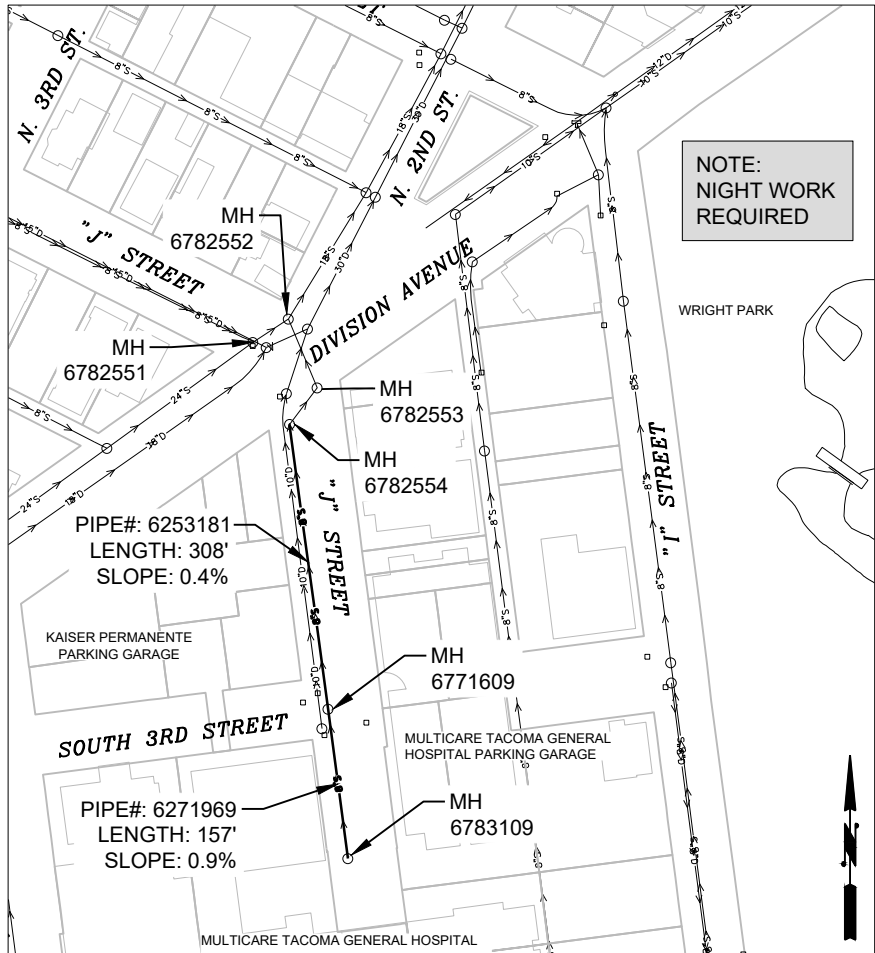
BID SET



NO	REVISION	DATE	APPD	FINAL CONSTRUCTION CHECKED	DATE	SCALE	DESIGNED	CHECKED	DRAWN	PROJECT NAME	DRAWING NAME
					3/24/23	1" = 200'	OAM	KSP	JLP	Stormwater and Wastewater Ultraviolet Cured-In-Place Pipe Sewer Rehabilitation Project in Various Tacoma Locations - REBID	ENV-03032-14 Plan.dwg



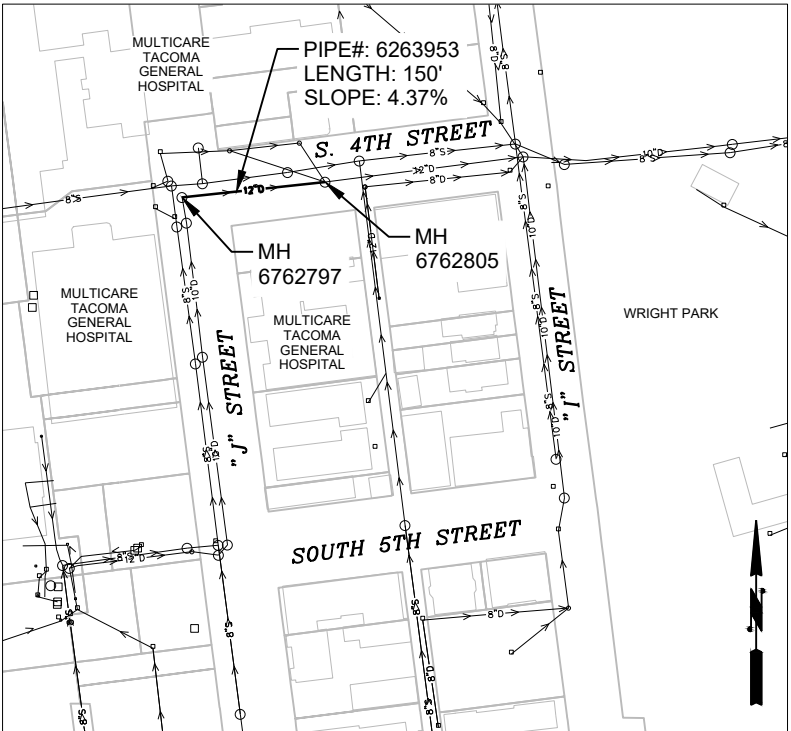
CITY OF TACOMA	SPEC. NO.
ENVIRONMENTAL SERVICES DEPARTMENT	ES23-0015F
Stormwater and Wastewater Ultraviolet Cured-In-Place Pipe Sewer Rehabilitation Project in Various Tacoma Locations - REBID	WBS NO.
Plan	ENV-03032-14
	ENV-04024-14
	SHEET NO.
	SHEET 3 OF 5



S. "J" ST. FROM DIVISION AVENUE TO S. 3RD ST.

NOTE:  
MH 6782554 IS A SQUARE VAULT LOCATED OUTSIDE OF THE INTERSECTION OF DIVISION AVE AND S. J. ST. MH 6771609 AND MH 6783109 ARE LOCATED ADJACENT TO KAISER PERMANENTE PARKING GARAGES. CONTRACTOR SHALL COORDINATE WITH CITY PER SPECIAL PROVISIONS SECTION 7-08.3(5) FOR BYPASS OPERATIONS. ANY WORK ON SOUTH J STREET AND DIVISION AVENUE MUST BE COORDINATED AT LEAST TWO WEEKS IN ADVANCE WITH THE CITY, KAISER PERMANENTE, AND SOUND TRANSIT HILL TOP EXTENSION PROJECT.

NOTE: NIGHT WORK REQUIRED.



S. 4TH STREET FROM "J" STREET TO "I" STREET

NOTE:  
UPSTREAM MH 6762797 AND DOWNSTREAM MH 6762805 RECEIVE FLOWS FROM MULTICARE HOSPITAL.

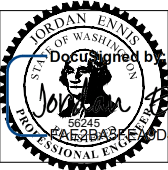
NOTE:  
ANY WORK ON S. 4TH ST. MUST BE COORDINATED WITH THE CITY, MULTICARE TACOMA GENERAL HOSPITAL AND SOUND TRANSIT HILL TOP EXTENSION PROJECT.

BID SET



NO		REVISION		DATE	APPD

BY	FINAL CONSTRUCTION CHECKED	DATE 3/24/23	SCALE NO SCALE
	DESIGNED	OAM	CHECKED KSP
	DRAWN	JLP	PROJECT NAME
	DATE		
FIELD BOOKS		DRAWING NAME ENV-03032-14 Plan.dwg	



CITY OF TACOMA  
ENVIRONMENTAL SERVICES DEPARTMENT

2022 Stormwater and Wastewater Ultraviolet Cured-In-Place Pipe  
Sewer Rehabilitation Project in Various Tacoma Locations - REBID  
Plan

SPEC. NO.	ES23-0015F
WBS NO.	ENV-03032-14 ENV-04024-14
SHEET NO.	
SHEET	4 of 5

DATE: 3/24/2023 3:11 PM    PATH: W:\PROJECTS\ENV\03032-14 2022 SW AND WW CIP\PRODUCTION SET    FILE: ENV-03032-14 PLAN    LAYOUT: 5 NOTES

STORMWATER MAINS


Sheet	Shot	Segment	Material	Size (inches)	Length	Up MH	Up Depth	Dn MH	Dn Depth	Slope (%)	Location
2		6258642	URC	10	330	6761505	3.9	6761515	3.7	0.42	ST. PAUL AVENUE
2		6267695	URC	12	109	6761515	3.7	6761527	3.8	0.48	ST. PAUL AVENUE
2		6267720	URC	12	247	6761527	3.8	6761536	6.3	0.53	ST. PAUL AVENUE
2		6258702	URC	12	250	6761536	6.3	6761545	6.6	0.54	ST. PAUL AVENUE
3		6294990	CMP	48	199	6783462	7.5	6781743	5.4	-0.48	S. 19TH ST. FROM 91ST AVE W AND S. WILTON RD.
3		6261350	CMP	30	275	6767450	27.2	6767707	12.7	5.62	S. 21ST ST. FROM PACIFIC AVE. TO I-705
3		6261645	URC	30	321	6750360	9.0	6750366	23.1	0.17	S. PUGET SOUND AVE. TO S. 18TH ST. & UNION AVE. TO LAWRENCE ST.
3		6251416	URC	30	350	6750366	23.1	6750386	21.3	0.26	S. PUGET SOUND AVE. TO S. 18TH ST. & UNION AVE. TO LAWRENCE ST.
3		6255721	URC	30	385	6782197	9.6	6776174	8.8	0.87	SHERIDAN AVE. FROM S. 23RD ST. TO S. 27TH ST.
3		6282905	URC	30	348	6776174	8.8	6763414	6.5	0.86	SHERIDAN AVE. FROM S. 23RD ST. TO S. 27TH ST.
3		6253432	URC	30	330	6763414	6.5	6776175	8.7	1.28	SHERIDAN AVE. FROM S. 23RD ST. TO S. 27TH ST.
3		6282906	URC	30	330	6776175	8.7	6764646	9.2	1.28	SHERIDAN AVE. FROM S. 23RD ST. TO S. 27TH ST.
4		6263953	URC	12	150	6762797	4.9	6762805	4.2	4.37	S. 4TH STREET FROM "J" STREET AND "I" STREET

WASTEWATER MAINS

Sheet	Shot	Segment	Material	Size (inches)	Length	Up MH	Up Depth	Dn MH	Dn Depth	Slope (%)	Location
2		6257282	URC	15	413	6771307	8.2	6771311	8.6	0.1	ST. PAUL AVENUE
2		6255295	URC	15	310	6771311	8.6	6771353	8.9	0.18	ST. PAUL AVENUE
2		6257311	RCP	15	108	6771353	8.9	6771357	9.4	0.15	ST. PAUL AVENUE
2		6255498	URC	18	371	6771357	9.4	6771362	8.5	0.11	ST. PAUL AVENUE
2		6257322	URC	18	244	6771362	8.5	6771531	9.3	0.11	ST. PAUL AVENUE
2		6257355	URC	18	133	6771531	9.3	6771005	9.3	0.11	ST. PAUL AVENUE
2		6265712	URC	18	372	6771005	9.3	6771010	9.9	0.11	ST. PAUL AVENUE
2		6258395	URC	18	357	6771010	9.9	6771014	11.7	0.11	ST. PAUL AVENUE
2		6257924	URC	18	162	6783191	10.3	6771022	13.6	0.3	ST. PAUL AVENUE
2		6256844	URC	18	425	6771022	13.6	6771030	14.7	-0.03	PORTLAND AVENUE
2		6259081	URC	18	74	6771030	14.7	6771035	14.9	0.11	PORTLAND AVENUE
2		6259091	URC	18	242	6771035	14.9	6771039	12.6	0.14	PORTLAND AVENUE
4		6253181	TCP	8	282	6771609	9.4	6782554	13.4	1.98	S. "J" ST FROM DIVISION AVE TO S. 3RD ST
4		6271969	TCP	8	157	6783109	8.2	6771609	9.4	0.94	S. "J" ST FROM DIVISION AVE TO S. 3RD ST

Pipe Size (In.)	Pipe Length (lf)
8	439
10	330
12	756
15	831
18	2380
30	2339
48	199
Total	7274

BID SET



NO

REVISION

DATE

APPD

FINAL CONSTRUCTION CHECKED

BY

DATE

FIELD BOOKS

DATE

3/24/23

DESIGNED

OAM

DRAWN

JLP

DRAWING NAME

ENV-03032-14 Plan.dwg

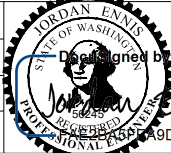
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NO SCALE

CHECKED

KSP

PROJECT NAME



CITY OF TACOMA

ENVIRONMENTAL SERVICES DEPARTMENT

2022 Stormwater and Wastewater Ultraviolet Cured-In-Place Pipe

Sewer Rehabilitation Project in Various Tacoma Locations - REBID

Notes

SPEC. NO.

ES23-0015F

WBS NO.

ENV-03032-14

ENV-04024-14

SHEET NO.

5

of

5