



2024 Wastewater CIPP Rehabilitation in Various Tacoma Locations

Environmental Services Department

November 2024

PROJECT LOCATION (SHEET 9)

- STEVENS ST. FROM N. 9TH ST. TO N. 12TH ST.
- N. 10TH ST. FROM VERDE ST. TO MASON AVE.
- MASON AVE. FROM N. 9TH ST. TO N. 10TH ST.
- TACOMA AVE S. FROM S. 4TH TO S. 3RD ST.
- N. 16TH ST. FROM WASHINGTON ST. TO UNION AVE.
- BROWNS POINT BLVD. FROM 58TH ST. N.E. TO 57TH ST. N.E.
- ALLEY BETWEEN N. 27TH ST. AND N. 26TH ST. FROM N. STARR ST. TO MCCARVER ST.

PROJECT LOCATION (SHEET 10)

- WALTERS RD. FROM S. 18TH ST. TO 6TH AVE.
- WASHINGTON ST. FROM S. 17TH ST. TO S. 15TH ST.
- CENTER ST. AND MASON AVE.
- S. MILDRED ST. BETWEEN S. 12TH ST. TO S. 19TH ST.
- ORCHARD ST. FROM N. 9TH ST. TO N. 8TH ST.

PROJECT LOCATION (SHEET 5)

- ST. HELENS AVE. FROM S. 2ND ST. TO 6TH AVE
- S. 11TH ST. AND ALTHEIMER ST.
- ALLEY BETWEEN S. 16TH ST. TO S. 17TH ST. FROM MLK JR WAY TO S. "J" ST.

PROJECT LOCATION (SHEET 6)

- ALLEY BETWEEN S. THOMPSON AVE. TO YAKIMA AVE. FROM S. 70TH ST. TO S. 72ND ST.
- S. 50TH ST. AT TYLER ST.
- WAPATO ST. FROM S. 66TH ST. TO S. 70TH ST. & ALLEY BETWEEN PROSPECT ST. AND WAPATO ST. FROM S. 70TH ST. TO S. 74TH ST.

PROJECT LOCATION (SHEET 2)

- WAPATO

PROJECT LOCATION (SHEET 4)

- WAPATO

PROJECT LOCATION (SHEET 12)

- ALLEY BETWEEN S. PARK AVE AND S. "G" ST. FROM S. 81ST ST. TO S. 82ND ST.

PROJECT LOCATION (SHEET 3)

- S. 80TH ST. TO HOSMER ST.
- ALASKA ST. FROM S. 80TH ST. TO S. 82ND ST.
- "K" ST. FROM S. 68TH ST. TO S. 70TH ST.
- WAPATO

PROJECT LOCATION (SHEET 11)

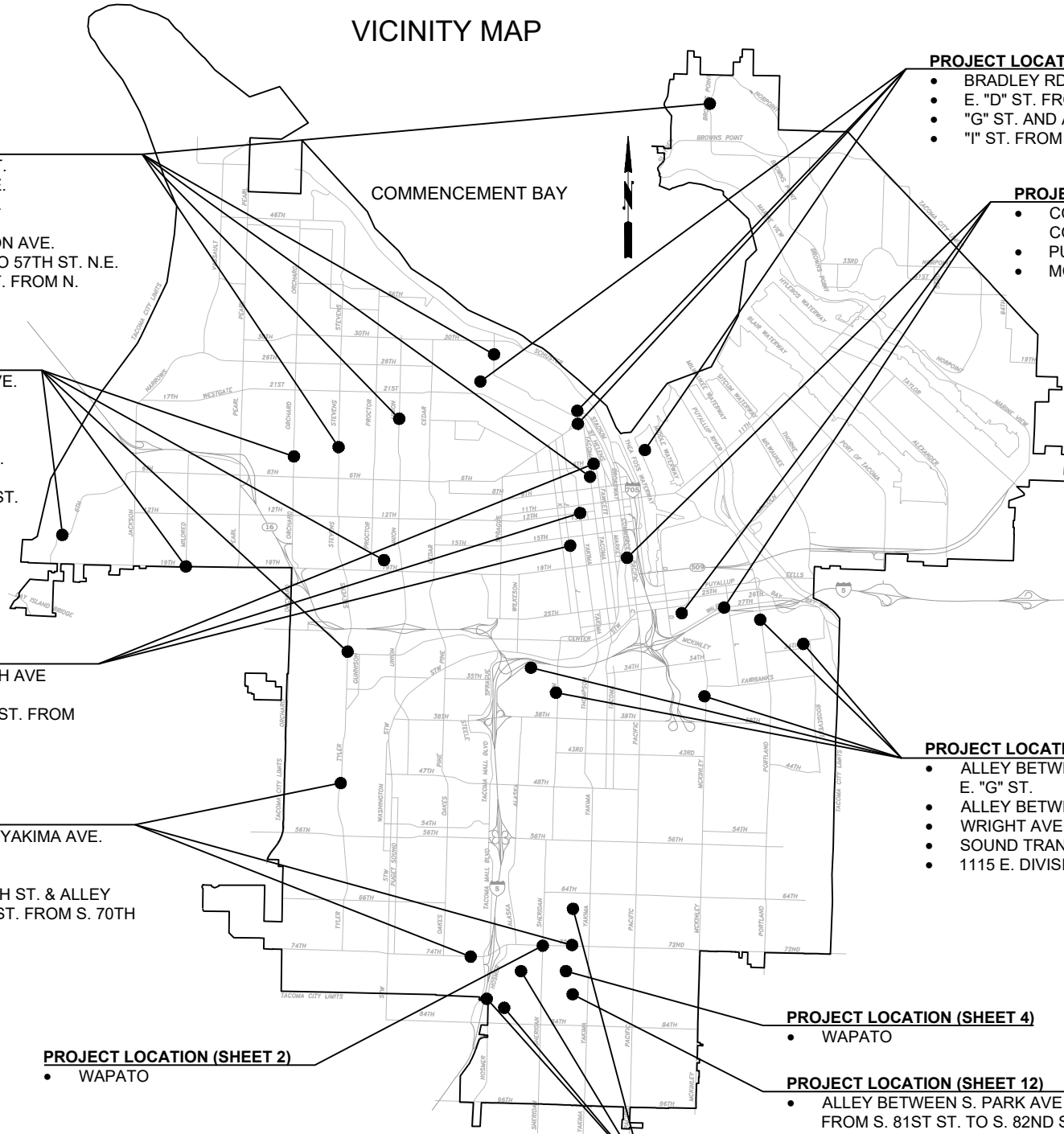
- BRADLEY RD. FROM WEST RD. TO SUMMIT RD.
- E. "D" ST. FROM E. 3RD ST. TO E. 7TH ST.
- "G" ST. AND ALLEY FROM N. 3RD ST. TO N. 2ND ST.
- "I" ST. FROM N. 2ND ST. TO DIVISION AVE.

PROJECT LOCATION (SHEET 8)

- COURT "E" FROM S. 17TH ST. TO S. 19TH ST. AND COURT "D" FROM S. 15TH ST. TO S. 19TH ST.
- PUYALLUP AVE. AT E. "C" ST.
- MCKINLEY AVE FROM PUYALLUP AVE. TO E. 25TH ST.

PROJECT LOCATION (SHEET 7)

- ALLEY BETWEEN E. 34TH ST. TO E. 35TH ST. FROM E. "D" ST. TO E. "G" ST.
- ALLEY BETWEEN E. 29TH ST. TO E. 30TH ST. AT PORTLAND AVE.
- WRIGHT AVE. FROM SAWYER ST. TO CUSHMAN AVE E.
- SOUND TRANSIT ROW FROM WILKESON ST. TO ALASKA ST.
- 1115 E. DIVISION LN. (GAULT MIDDLE SCHOOL)



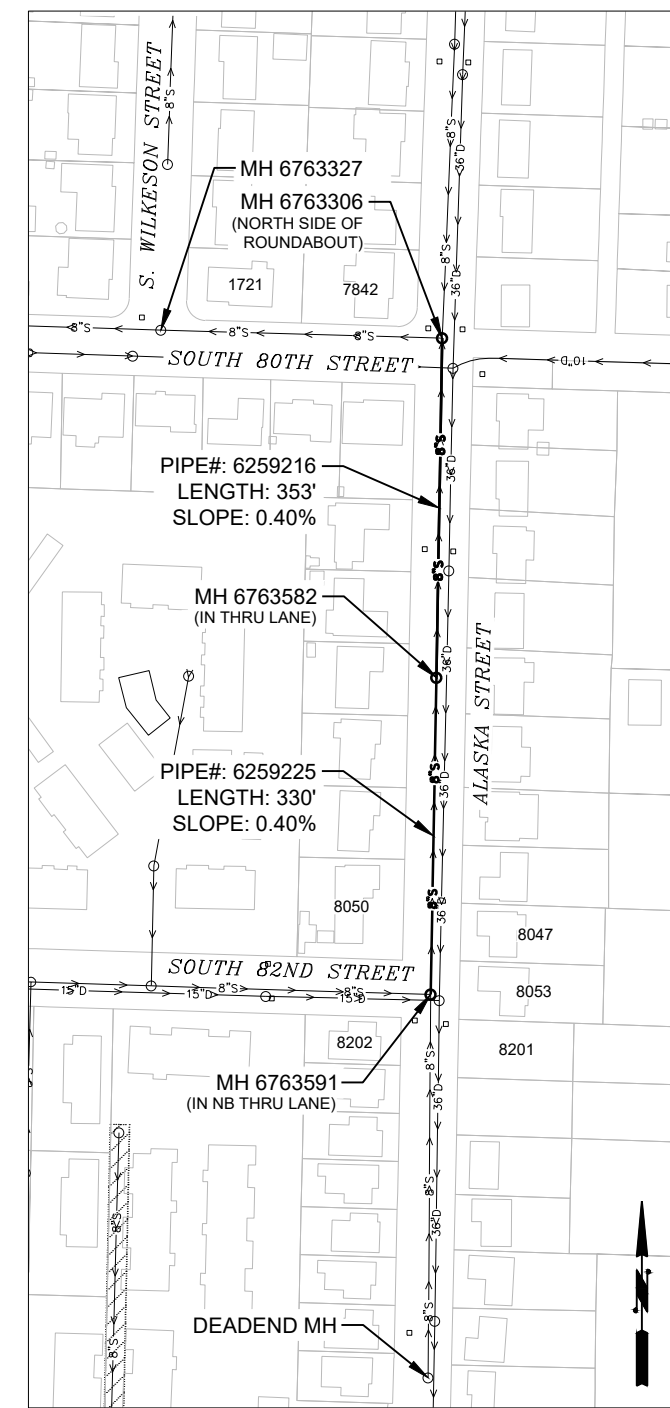
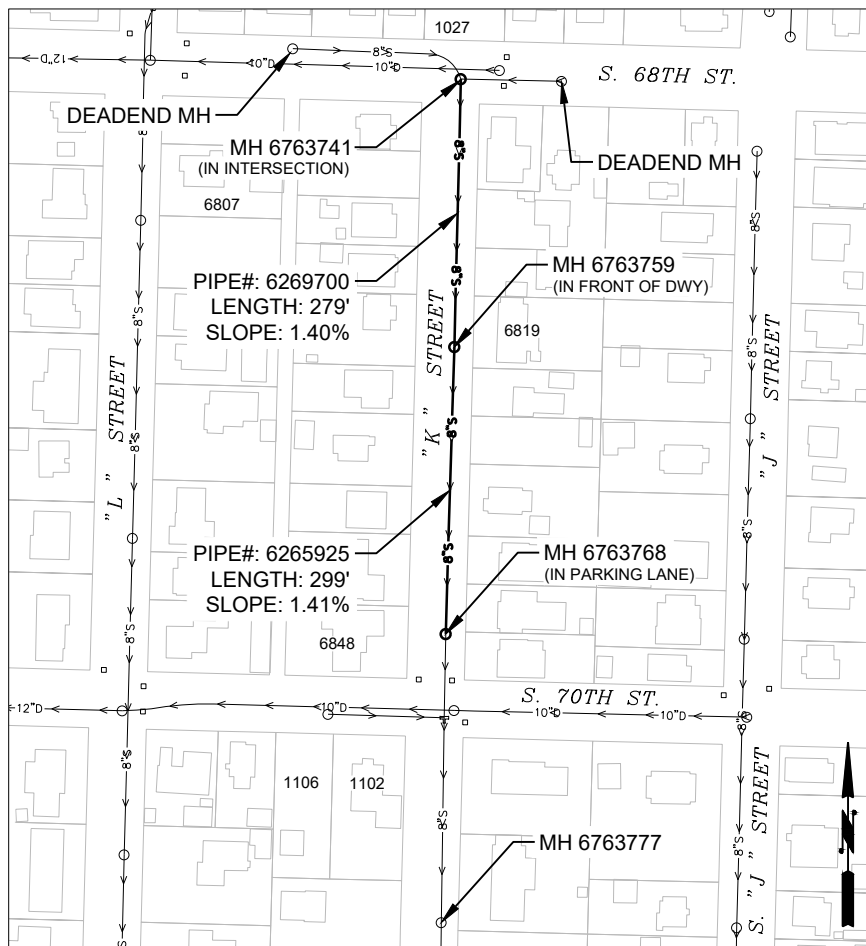
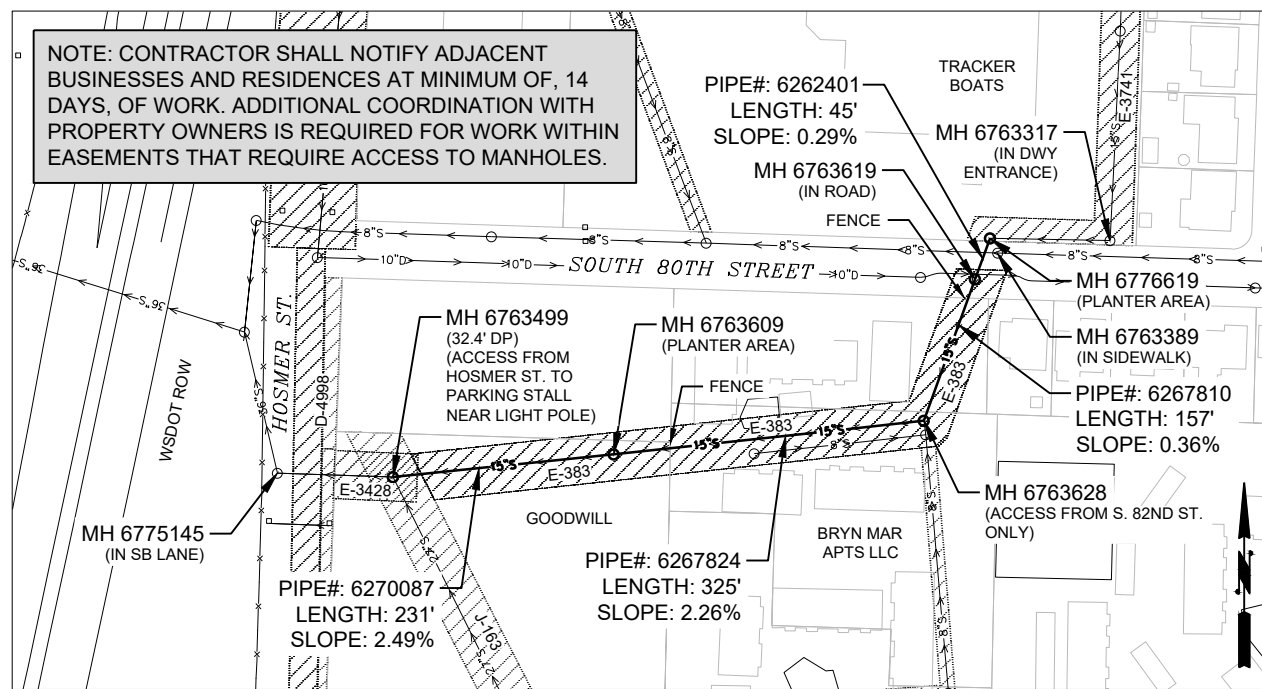
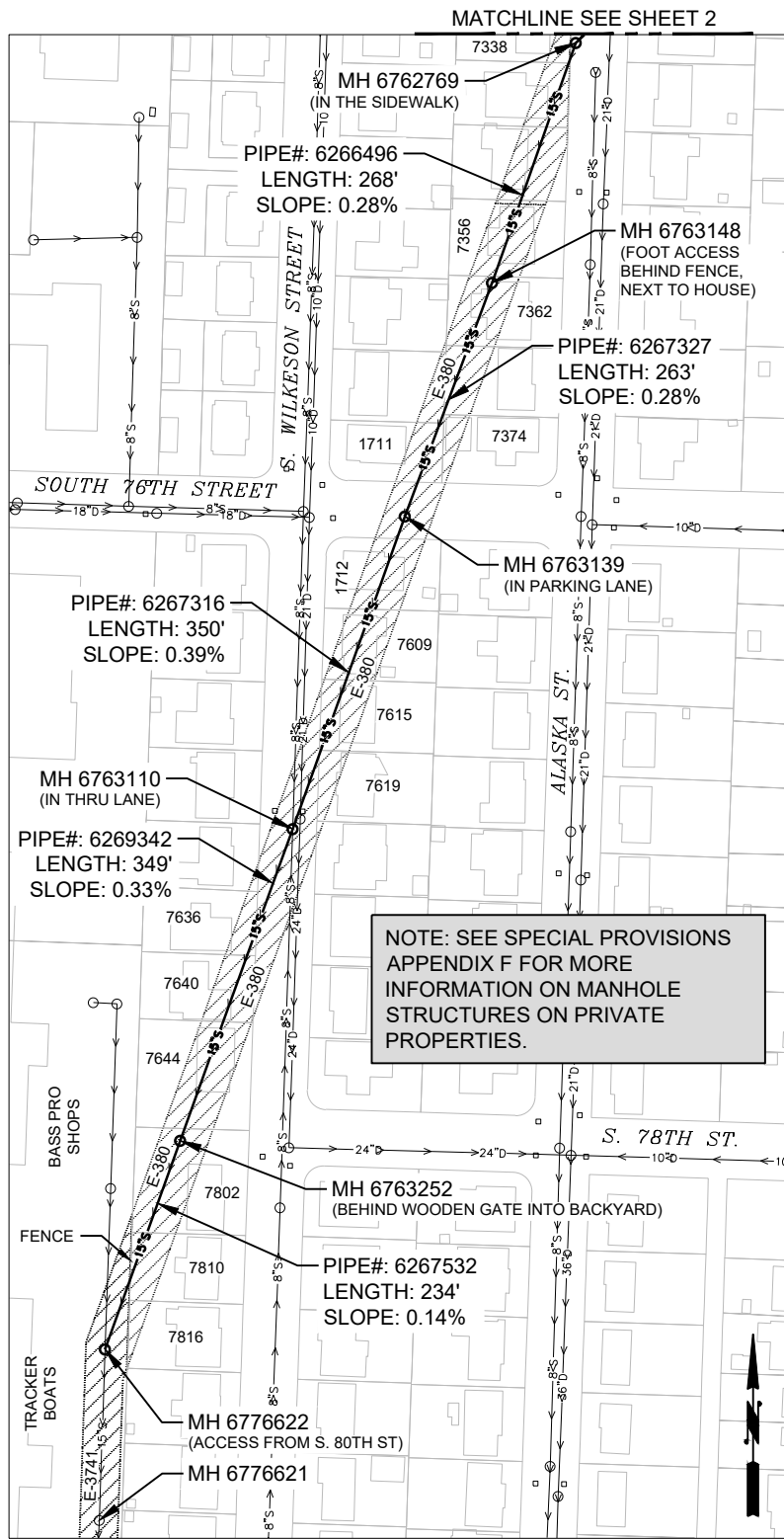
INDEX OF DRAWINGS

SHEET NUMBER	TITLE OF DRAWINGS
1	Cover Sheet
2	Plan View
3	Plan View
4	Plan View
5	Plan View
6	Plan View
7	Plan View
8	Plan View
9	Plan View
10	Plan View
11	Plan View
12	Plan View
13	Notes
14	Notes

ENV-04025-05

ES24-0032F (Specification No.)

BID SET



BID SET



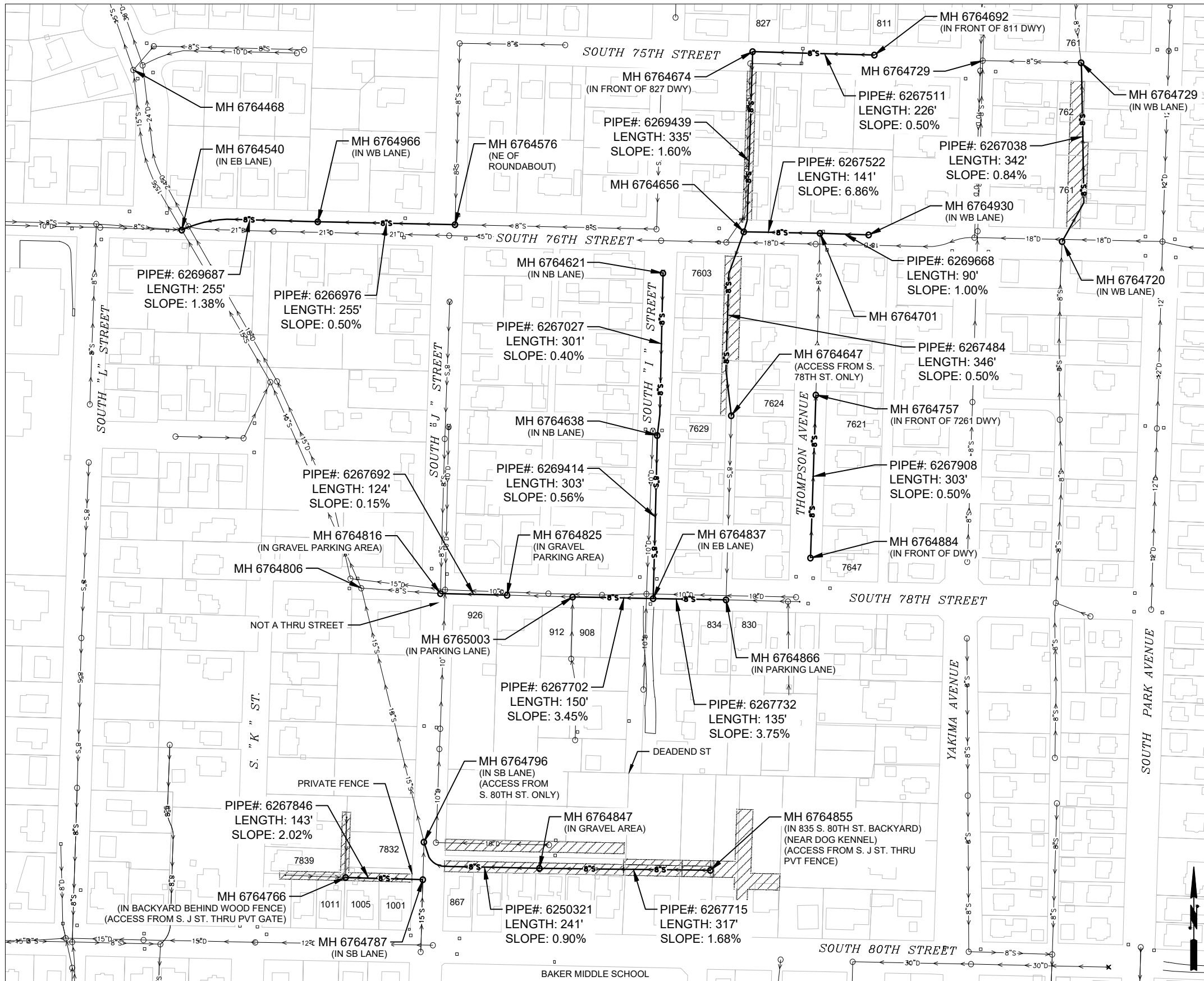
NO	REVISION	DATE	APPO



FINAL CONSTRUCTION CHECKED
 DATE 11/19/2024
 SCALE 1" = 200'
 DESIGNED OAM
 CHECKED EJW
 DRAWN JLP
 FIELD BOOK
 DRAWING NAME ENV-04025-05 PS 7-10.dwg
 DATE 11/20/2024

CITY OF TACOMA
 ENVIRONMENTAL SERVICES DEPARTMENT
 2024 Wastewater CIPP Rehabilitation
 in Various Tacoma Locations
 Plan View

SPEC. NO.	ES24-0032F
SHEET NO.	ENV-04025-05
SHEET	3 of 14



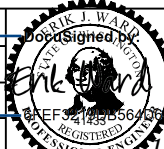
NOTE: SEE SPECIAL PROVISIONS APPENDIX F FOR MORE INFORMATION ON MANHOLE STRUCTURES ON PRIVATE PROPERTIES.

NOTE: CONTRACTOR SHALL NOTIFY ADJACENT BUSINESSES AND RESIDENCES AT MINIMUM OF, 14 DAYS, IN ADVANCE OF WORK. ADDITIONAL COORDINATION WITH CITY AND PROPERTY OWNERS IS REQUIRED FOR ACCESS TO MANHOLES LOCATED ON PRIVATE PROPERTIES.

BID SET



NO	REVISION	DATE	APPO



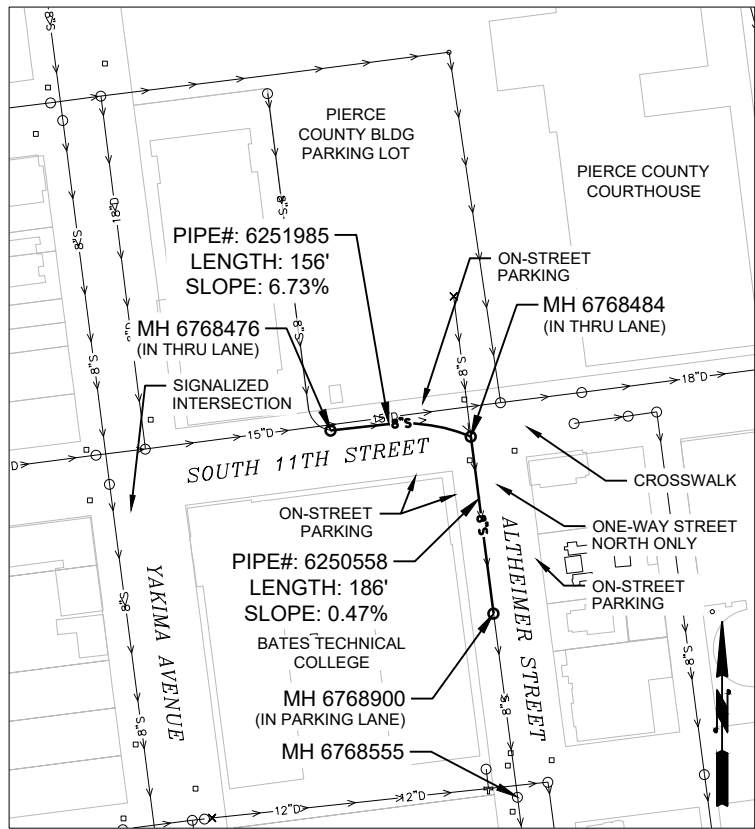
CITY OF TACOMA
ENVIRONMENTAL SERVICES DEPARTMENT
 2024 Wastewater CIPP Rehabilitation
 in Various Tacoma Locations
 Plan View

SPEC. NO.	ES24-0032F
SHEET NO.	ENV-04025-05
SHEET	4 of 14

DATE: 11/19/2024 9:19 AM PATH: W:\PROJECTS\ENV-04025-05 MW 2024\CIPPs IN VARIOUS AREAS\PRODUCTION SET FILE: ENV-04025-05 PS 7-10 LAYOUT 4 PLAN

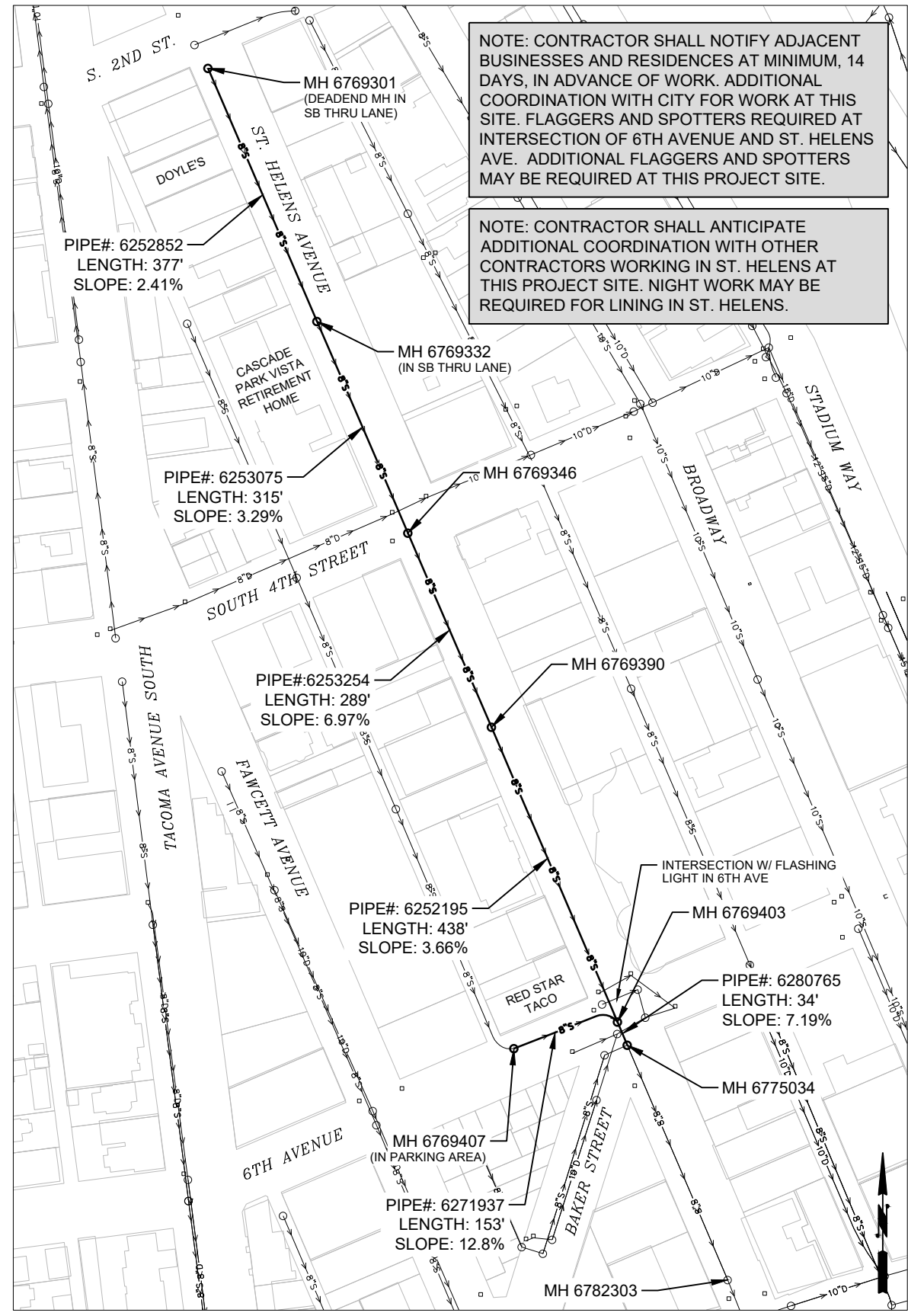
FINAL CONSTRUCTION CHECKED	DATE	SCALE
DESIGNED	11/19/2024	1" = 200'
OAM	CHECKED	EJW
DATE	DRAWN	FIELD BOOK
JLP		
DRAWING NAME		
ENV-04025-05 PS 7-10.dwg		

11/20/2024



S. 11TH ST. AND ALTHEIMER ST.

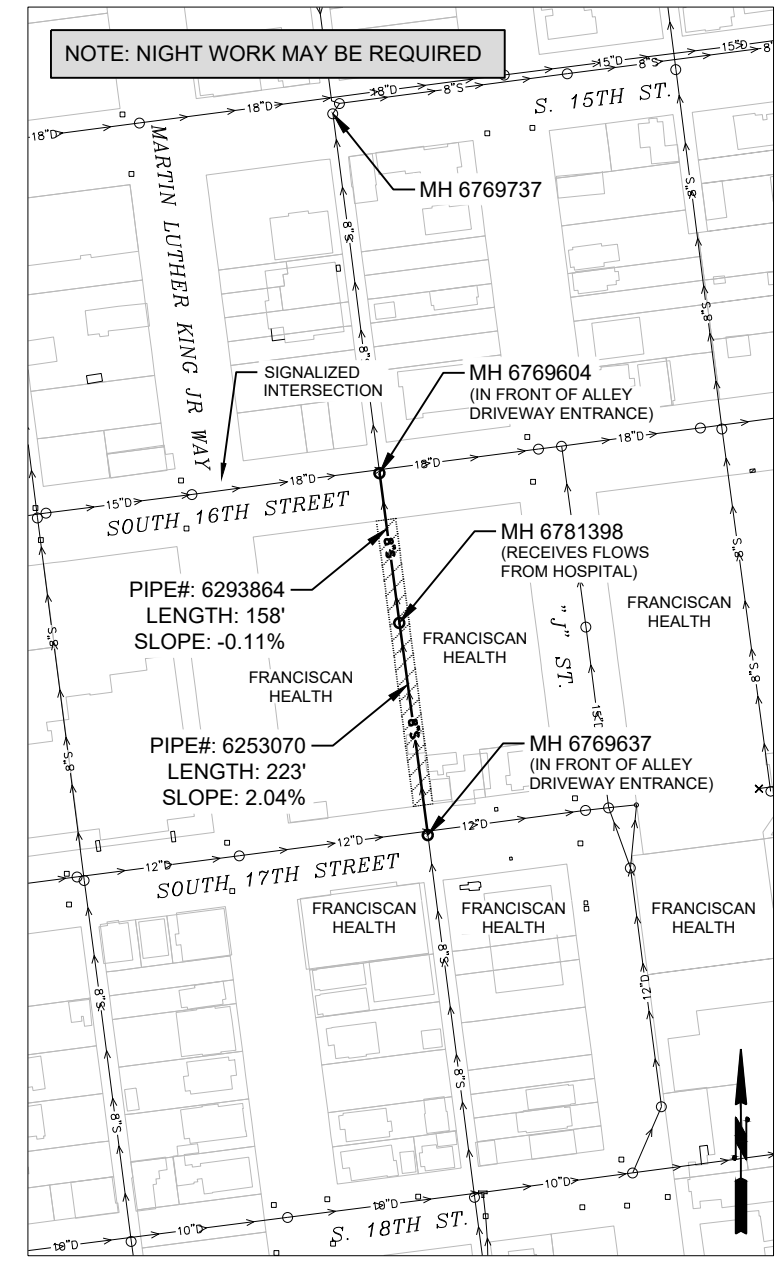
NOTE: MH 6768484 IS LOCATED IN EASTBOUND THRU LANE AND BEFORE DRIVEWAY ENTRANCE TO PIERCE COUNTY BLDG PARKING LOT. FLAGGERS AND SPOTTERS REQUIRED FOR WORK AT THIS LOCATION.



ST. HELENS AVE. FROM S. 2ND ST. TO 6TH AVE

NOTE: CONTRACTOR SHALL NOTIFY ADJACENT BUSINESSES AND RESIDENCES AT MINIMUM, 14 DAYS, IN ADVANCE OF WORK. ADDITIONAL COORDINATION WITH CITY FOR WORK AT THIS SITE. FLAGGERS AND SPOTTERS REQUIRED AT INTERSECTION OF 6TH AVENUE AND ST. HELENS AVE. ADDITIONAL FLAGGERS AND SPOTTERS MAY BE REQUIRED AT THIS PROJECT SITE.

NOTE: CONTRACTOR SHALL ANTICIPATE ADDITIONAL COORDINATION WITH OTHER CONTRACTORS WORKING IN ST. HELENS AT THIS PROJECT SITE. NIGHT WORK MAY BE REQUIRED FOR LINING IN ST. HELENS.



ALLEY BETWEEN S. 16TH ST. TO S. 17TH ST. FROM MLK JR WAY TO S. "J" ST.

NOTE: CONTRACTOR SHALL NOTIFY ADJACENT HOSPITAL, BUSINESSES AND RESIDENCES AT MINIMUM, 14 DAYS, IN ADVANCE OF WORK. ADDITIONAL COORDINATION WITH CITY FOR WORK AT THIS PROJECT SITE. FLAGGERS AND SPOTTERS REQUIRED AT THIS PROJECT SITE. BYPASSING SIDE SEWERS FOR HOSPITAL REQUIRED.

DATE: 11/19/2024 9:20 AM PATH: W:\PROJECTS\ENV\04025-05 MW 2024\CIPPs IN VARIOUS AREAS\PRODUCTION SET FILE: ENV\04025-05 PS 7-10 LAYOUT 5 PLAN

BID SET



NO	REVISION	DATE	APPO

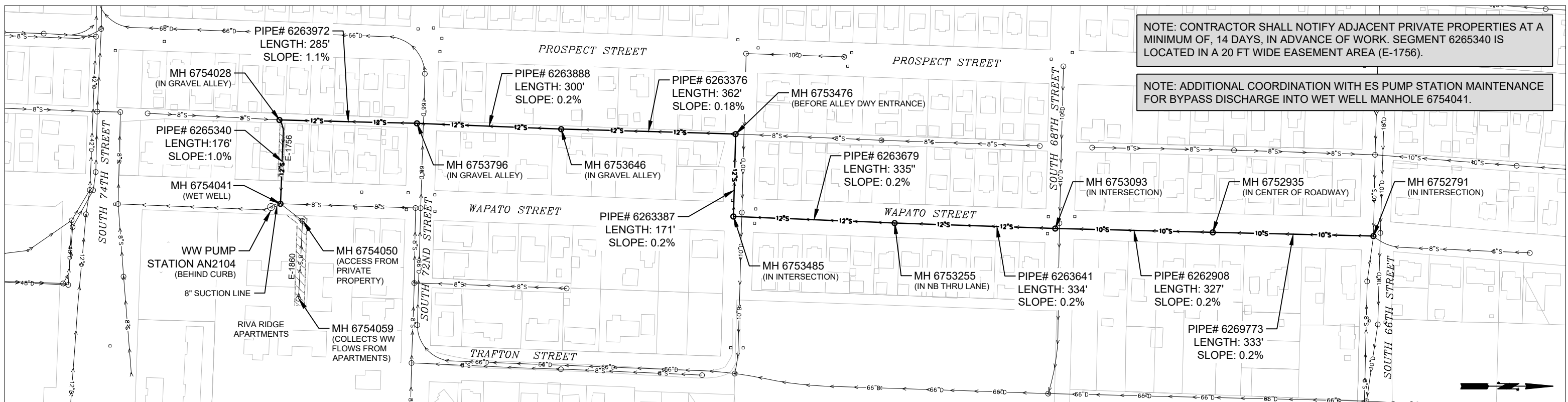
FINAL CONSTRUCTION CHECKED	DATE: 11/19/2024	SCALE: 1" = 200'
BY: OAM	CHECKED: EJV	
DATE: JLP	DRAWN: JLP	FIELD BOOK
DRAWING NAME: ENV-04025-05 PS 7-10.dwg		



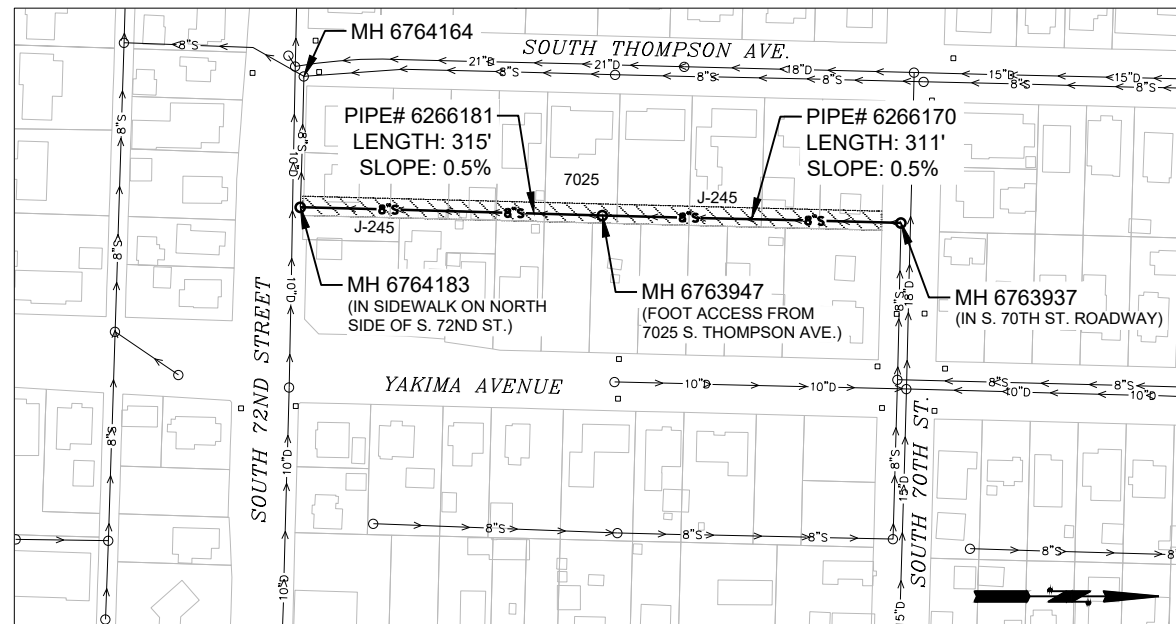
CITY OF TACOMA
ENVIRONMENTAL SERVICES DEPARTMENT

2024 Wastewater CIPP Rehabilitation
in Various Tacoma Locations
Plan View

SPEC. NO. ES24-0032F
SHEET NO. ENV-04025-05
SHEET 5 of 14

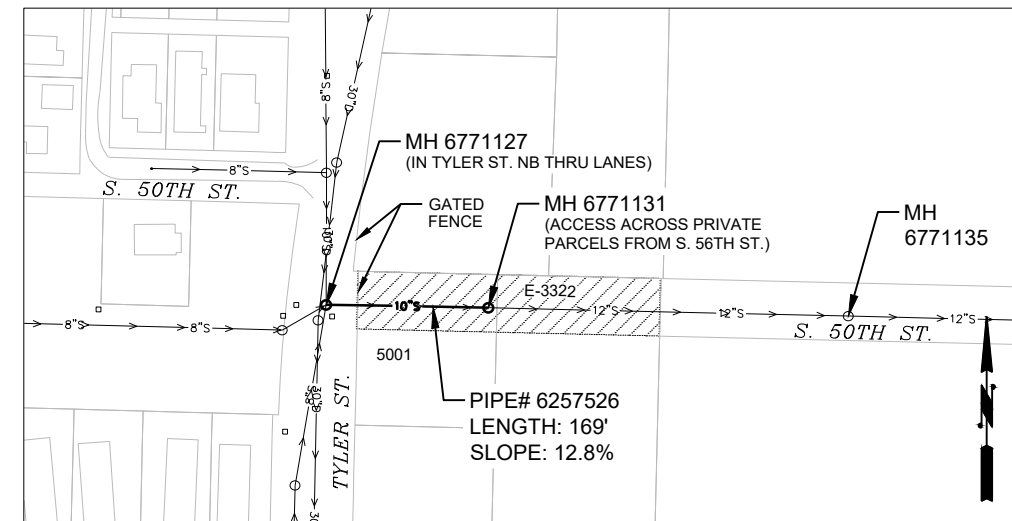


WAPATO ST. FROM S. 66TH ST. TO S. 70TH ST. & ALLEY BETWEEN PROSPECT ST. AND WAPATO ST. FROM S. 70TH ST. TO S. 74TH ST.



ALLEY BETWEEN S. THOMPSON AVE. TO YAKIMA AVE. FROM S. 70TH ST. TO S. 72ND ST.

NOTE: CONTRACTOR SHALL NOTIFY ADJACENT PRIVATE PROPERTIES AT A MINIMUM, 14 DAYS, IN ADVANCE OF WORK. FOOT ACCESS TO MH 6763947 FROM 7025 S. THOMPSON AVE. SEGMENTS 6266181 AND 6266170 ARE LOCATED IN A 20 FT WIDE SEWER EASEMENT AREA (J-245).



S. 50TH ST. AT TYLER ST.

NOTE: CONTRACTOR SHALL NOTIFY ADJACENT BUSINESS AT MINIMUM, 14 DAYS, IN ADVANCE OF WORK. SEGMENT 6257526 IS LOCATED IN A 60 FT WIDE SEWER EASEMENT AREA (E-3322) IN 5001 S. TYLER ST. AND 5003 S. TYLER ST. PRIVATE PROPERTIES.

NOTE: MH 6771131 IS LOCATED 65 LF EAST OF 5001 S. TYLER ST. PRIVATE FENCE AT BOTTOM OF HILLSIDE. HILLSIDE HAS DENSE VEGETATION AND TREES. ACCESS TO MH IS FROM 5024 S. MADISON ST. PRIVATE PARCEL. ADDITIONAL COORDINATION WITH OTHER CONTRACTORS CONSTRUCTING IMPROVEMENTS ON ADJACENT PRIVATE PARCELS IS REQUIRED.

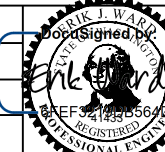
DATE: 11/19/2024 9:20 AM PATH: W:\PROJECTS\ENV\04025-05 PS 2-4 LAYOUT: 6 PLAN FILE: ENV\04025-05 PS 2-4 LAYOUT: 6 PLAN

BID SET



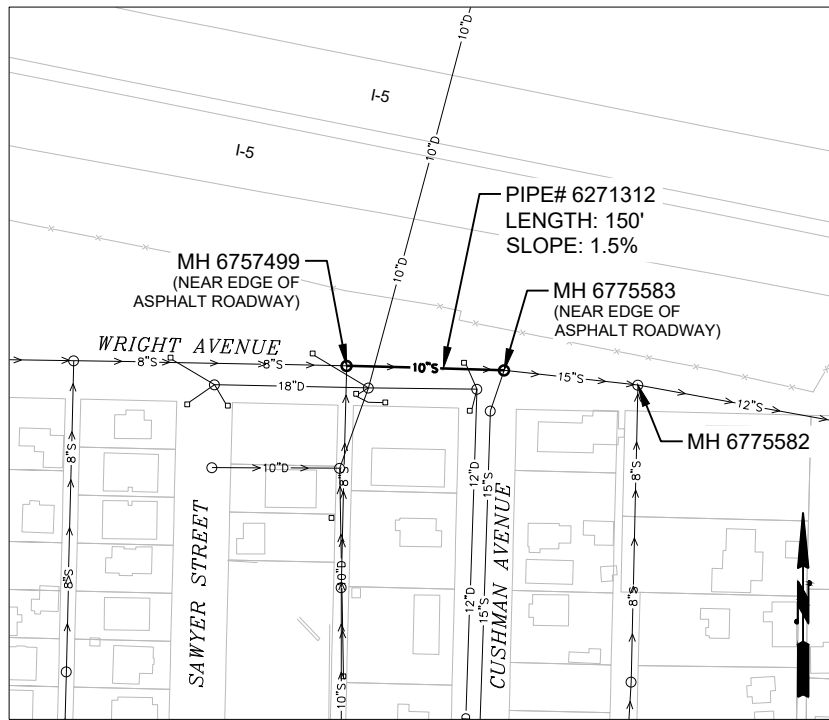
NO	REVISION	DATE	APPO

FINAL CONSTRUCTION CHECKED	DATE	SCALE
DESIGNED	11/19/2024	1" = 200'
OAM		CHECKED
DATE		EJW
		FIELD BOOK
DRAWN	JLP	

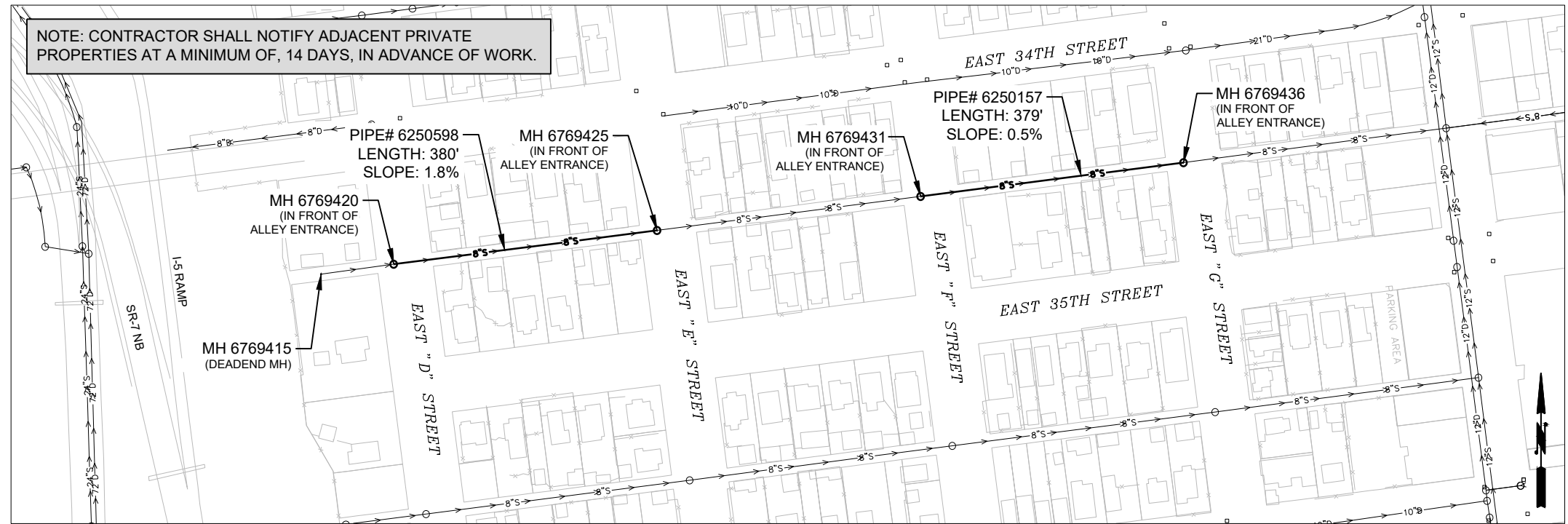


CITY OF TACOMA
ENVIRONMENTAL SERVICES DEPARTMENT
 2024 Wastewater CIPP Rehabilitation
 in Various Tacoma Locations
 Plan View

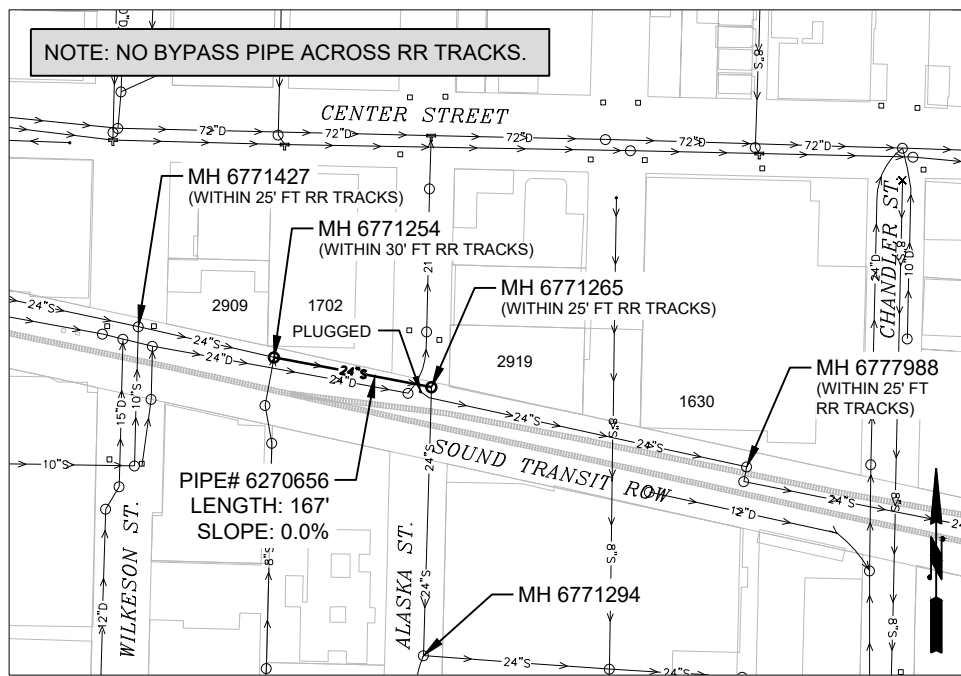
SPEC. NO.	ES24-0032F
SHEET NO.	ENV-04025-05
SHEET	6 of 14



WRIGHT AVE. FROM SAWYER ST. TO CUSHMAN AVE

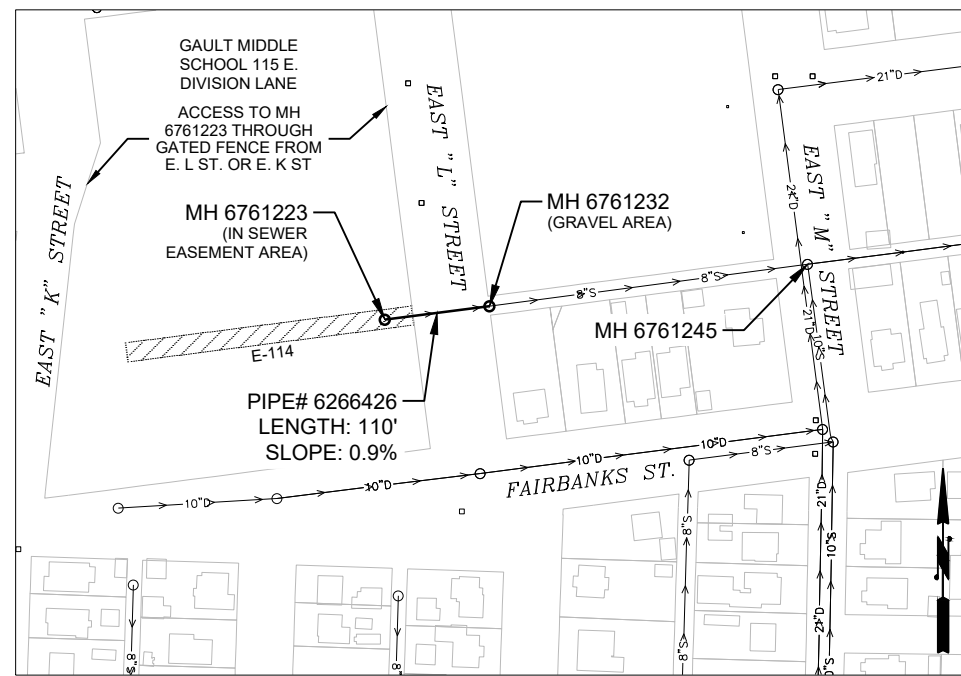


ALLEY BETWEEN E. 34TH ST. TO E. 35TH ST. FROM E. "D" ST. TO E. "G" ST.



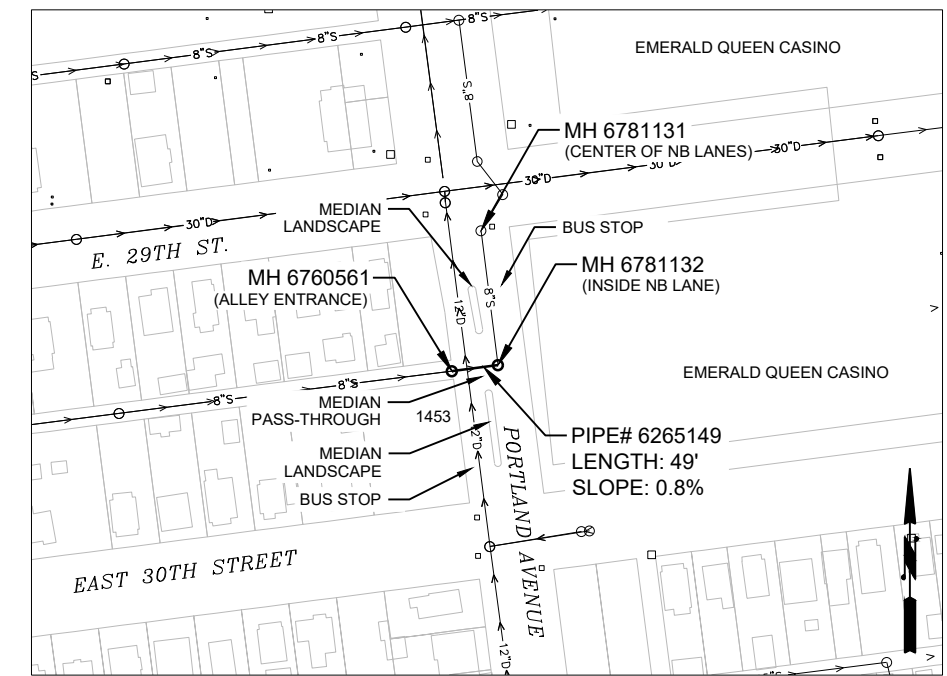
SOUND TRANSIT ROW FROM WILKESON ST. TO ALASKA ST.

NOTE: SEGMENT 6270656 IS LOCATED IN SOUND TRANSIT RIGHT OF WAY AND CITY OF TACOMA RIGHT OF WAY. ADDITIONAL COORDINATION WITH SOUND TRANSIT FOR FLAGGING AND RR LIABILITY INSURANCE REQUIRED. ADDITIONAL COORDINATION WITH CITY AND PROPERTY OWNER AT 1702 CENTER ST. FOR WORK AT THIS SITE. ACCESS TO MH 6771254 FROM WILKESON STREET ONLY.



115 E. DIVISION LN. (GAULT MIDDLE SCHOOL)

NOTE: CONTRACTOR SHALL NOTIFY PRIVATE PROPERTIES AND GAULT MIDDLE SCHOOL CONTACT AT A MINIMUM OF, 14 DAYS, IN ADVANCE OF WORK. GAULT MIDDLE SCHOOL HAS BEEN RECENTLY DEMOLISHED. SEGMENT 6266426 IS LOCATED IN THE 20 FT WIDE SEWER EASEMENT AREA (E-114). MH 6761223 IS LOCATED IN GAULT MIDDLE SCHOOL PROPERTY.



ALLEY BETWEEN E. 29TH ST. TO E. 30TH ST. AT PORTLAND AVE.

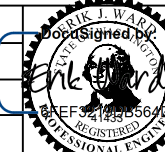
NOTE: CONTRACTOR SHALL NOTIFY PRIVATE PROPERTIES AND BUSINESSES AT A MINIMUM OF, 14 DAYS, IN ADVANCE OF WORK. CONTRACTOR SHALL COMPLY WITH APPROVED TRAFFIC CONTROL PLAN REQUIREMENTS FOR WORK IN PORTLAND AVE. SEGMENT 6265149 IS LOCATED ADJACENT TO EMERALD QUEEN CASINO PARKING STRUCTURES. FLAGGING AND SPOTTERS REQUIRED AT THIS PROJECT SITE.

BID SET



NO	REVISION	DATE	APPO

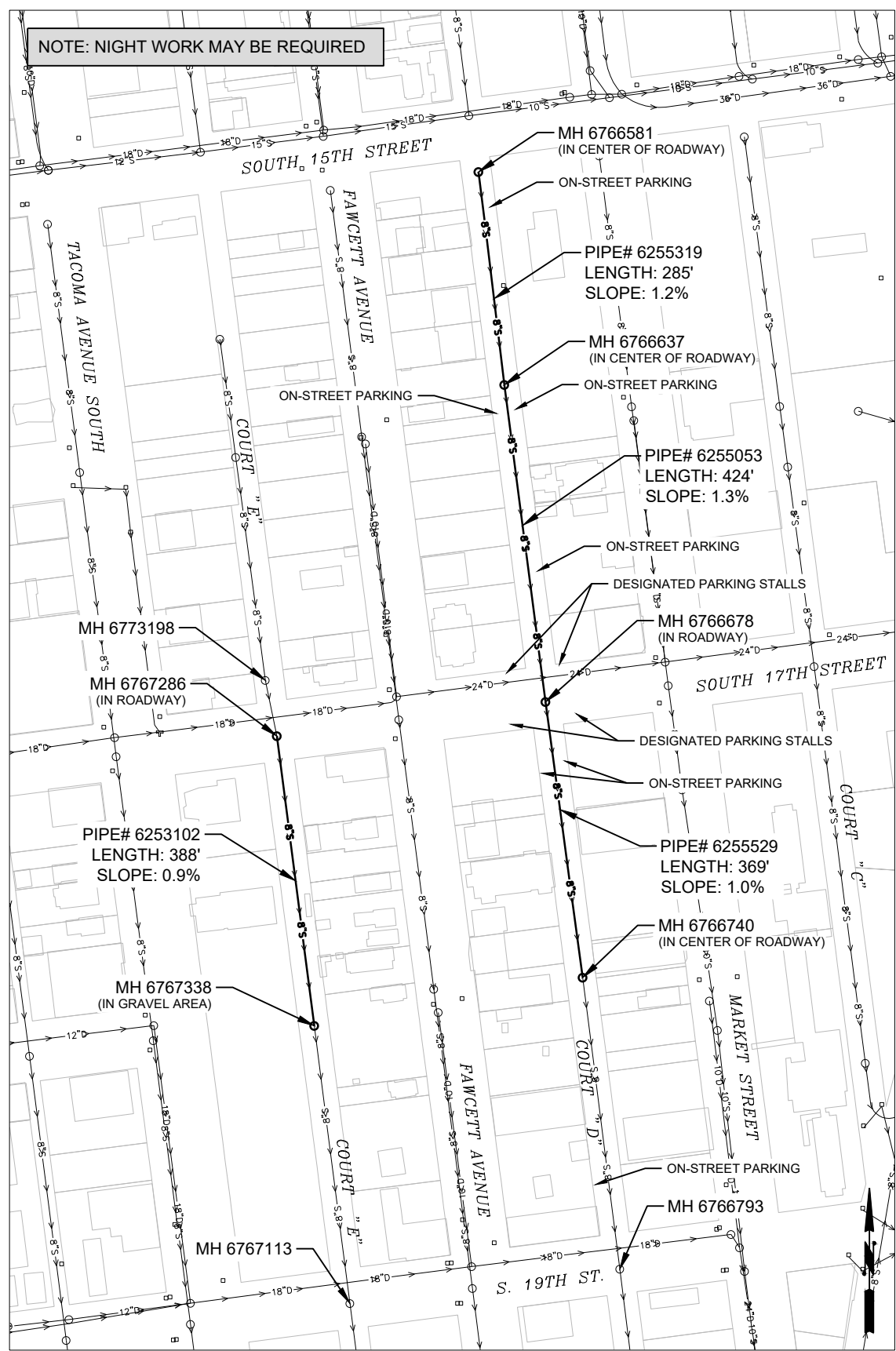
FINAL CONSTRUCTION CHECKED	DATE 11/19/2024	SCALE 1" = 200'
DESIGNED OAM	CHECKED EJW	DATE
DRAWN JLP	FIELD BOOK	
DRAWING NAME ENV-04025-05 PS 2-4.dwg		



CITY OF TACOMA
ENVIRONMENTAL SERVICES DEPARTMENT
 2024 Wastewater CIPP Rehabilitation
 in Various Tacoma Locations
 Plan View

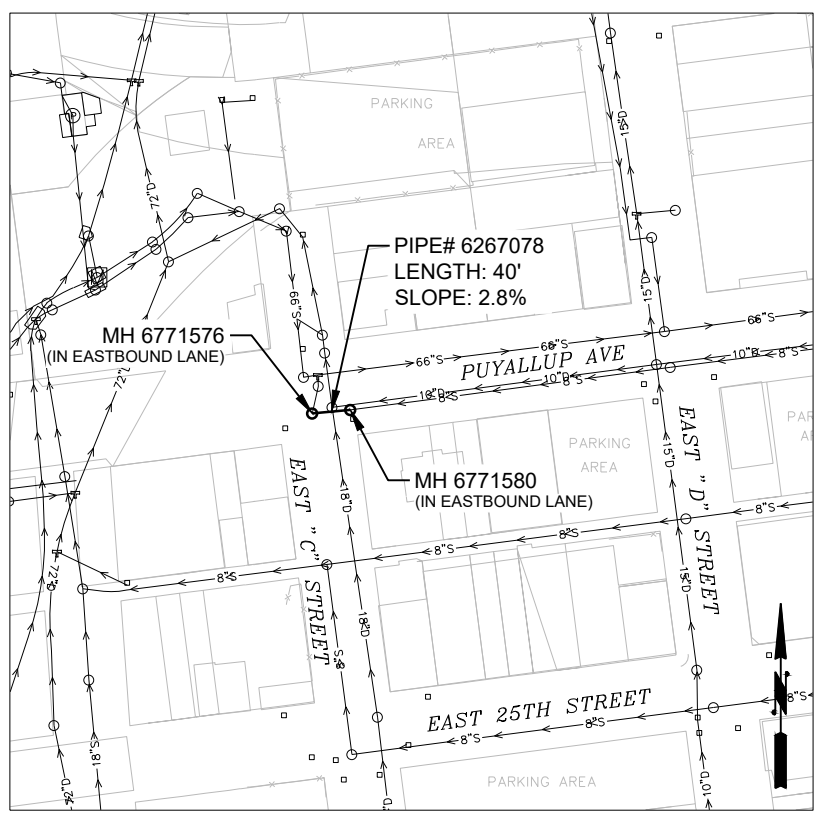
SPEC. NO. ES24-0032F
 SHEET NO. ENV-04025-05
 SHEET 7 of 14

DATE: 11/19/2024 9:20 AM PATH: W:\PROJECTS\ENV-04025-05 PS 2-4 CIPP IN VARIOUS AREAS\PRODUCTION SET FILE: ENV-04025-05 PS 2-4 LAYOUT: 7 PLAN



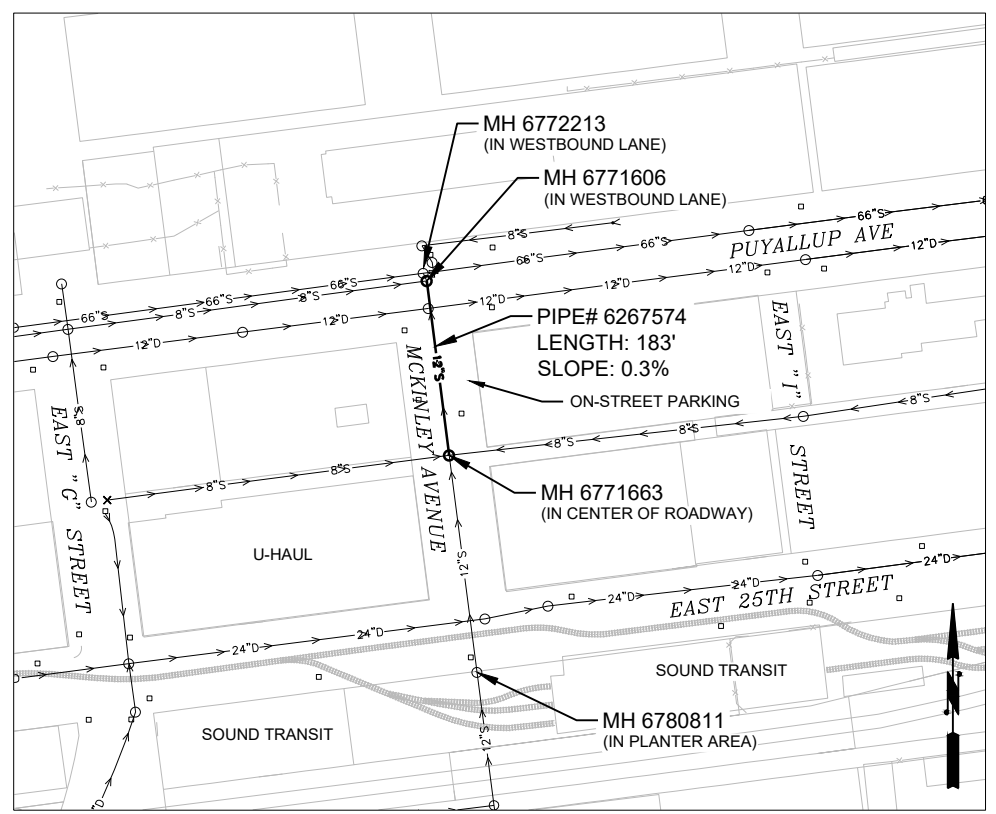
COURT "E" FROM S. 17TH ST. TO S.19TH ST. AND COURT "D" FROM S. 15TH ST. TO S. 19TH ST.

NOTE: COURT "D" AND COURT "E" ARE ADJACENT TO MULTISTORY RESIDENTIAL BLDGS AND UNIVERSITY OF WASHINGTON CAMPUS BLDGS. CONTRACTOR SHALL COORDINATE WORK WITH CITY AND ADJACENT PRIVATE PROPERTIES AT A MINIMUM, 14 DAYS, IN ADVANCE OF WORK.



PUYALLUP AVE. AT E. "C" ST.

NOTE: PUYALLUP AVENUE HAS TWO EASTBOUND LANES, TWO WESTBOUND LANES, DESIGNATED ON-STREET PARKING, AND A DESIGNATED TURN LANE. SEGMENT 6267078 IS LOCATED ADJACENT TO A MULTISTORY RESIDENTIAL BLDG AND PRIVATE BUSINESSES. CONTRACTOR SHALL COORDINATE WORK WITH CITY AND ADJACENT PRIVATE PROPERTIES AT A MINIMUM, 14 DAYS, IN ADVANCE OF WORK.



MCKINLEY AVE. FROM PUYALLUP AVE. TO E. 25TH ST.

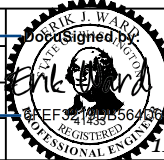
NOTE: PUYALLUP AVENUE HAS TWO EASTBOUND LANES, TWO WESTBOUND LANES, DESIGNATED ON-STREET PARKING, AND A DESIGNATED TURN LANE. SEGMENT 6267574 IS LOCATED ADJACENT TO PRIVATE BUSINESSES. CONTRACTOR SHALL COORDINATE WORK WITH CITY AND ADJACENT PRIVATE PROPERTIES AT A MINIMUM, 14 DAYS, IN ADVANCE OF WORK. THERE SHALL BE NO BYPASS LINE ACROSS SOUND TRANSIT TRACKS FOR BYPASS ACTIVITIES.

DATE: 11/19/2024 9:20 AM PATH: W:\PROJECTS\ENV\04025-05 MW 2024 CIPP IN VARIOUS AREAS\PRODUCTION SET FILE: ENV\04025-05 PS 2.4 LAYOUT: 8 PLAN

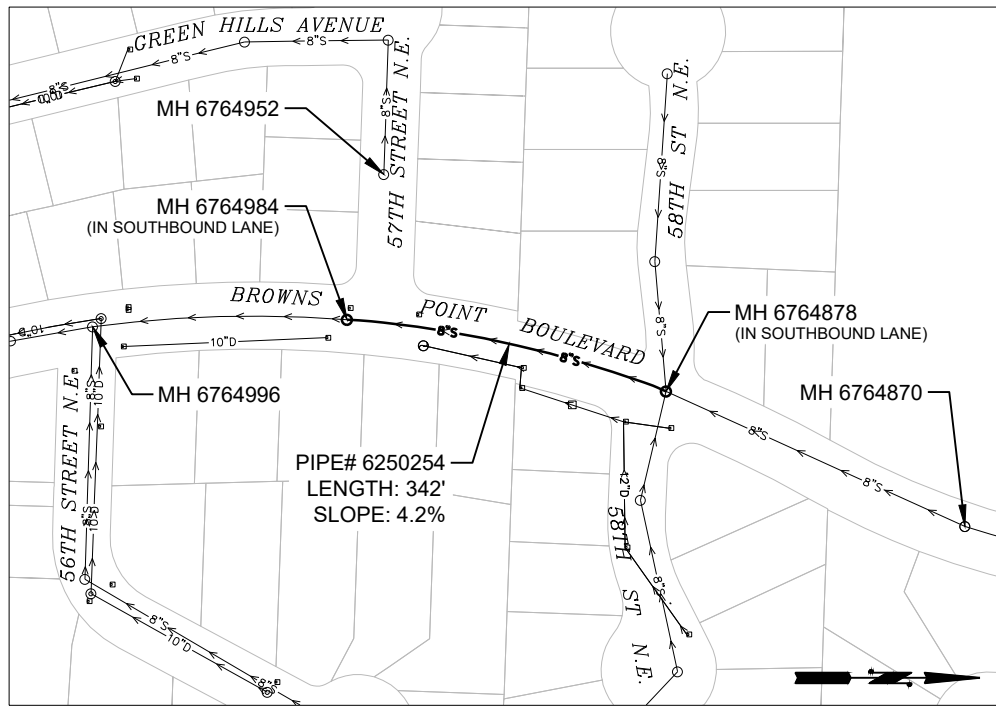
BID SET



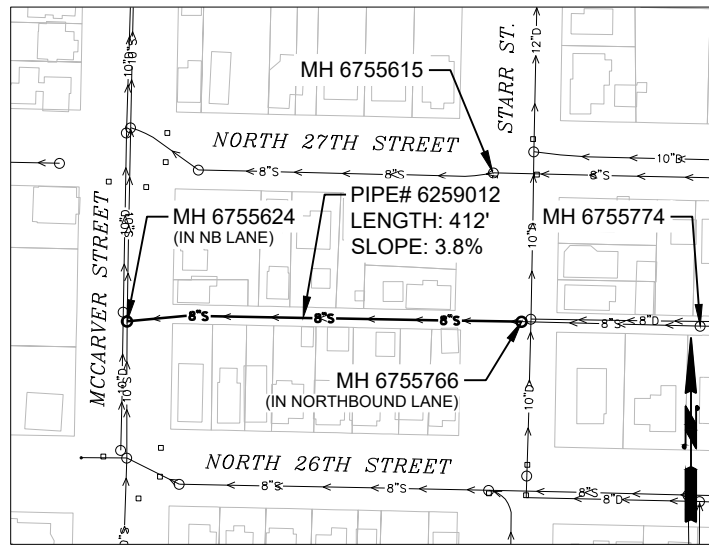
NO	REVISION	DATE	APPO



FINAL CONSTRUCTION CHECKED BY: OAM DATE: JLP	DATE: 11/19/2024 DESIGNED: OAM DRAWN: JLP	SCALE: 1" = 200' CHECKED: EJW FIELD BOOK:	CITY OF TACOMA ENVIRONMENTAL SERVICES DEPARTMENT 2024 Wastewater CIPP Rehabilitation in Various Tacoma Locations Plan View	SPEC. NO.: ES24-0032F MBS NO.: SHEET NO.: ENV-04025-05 SHEET 8 of 14
--	---	---	--	---

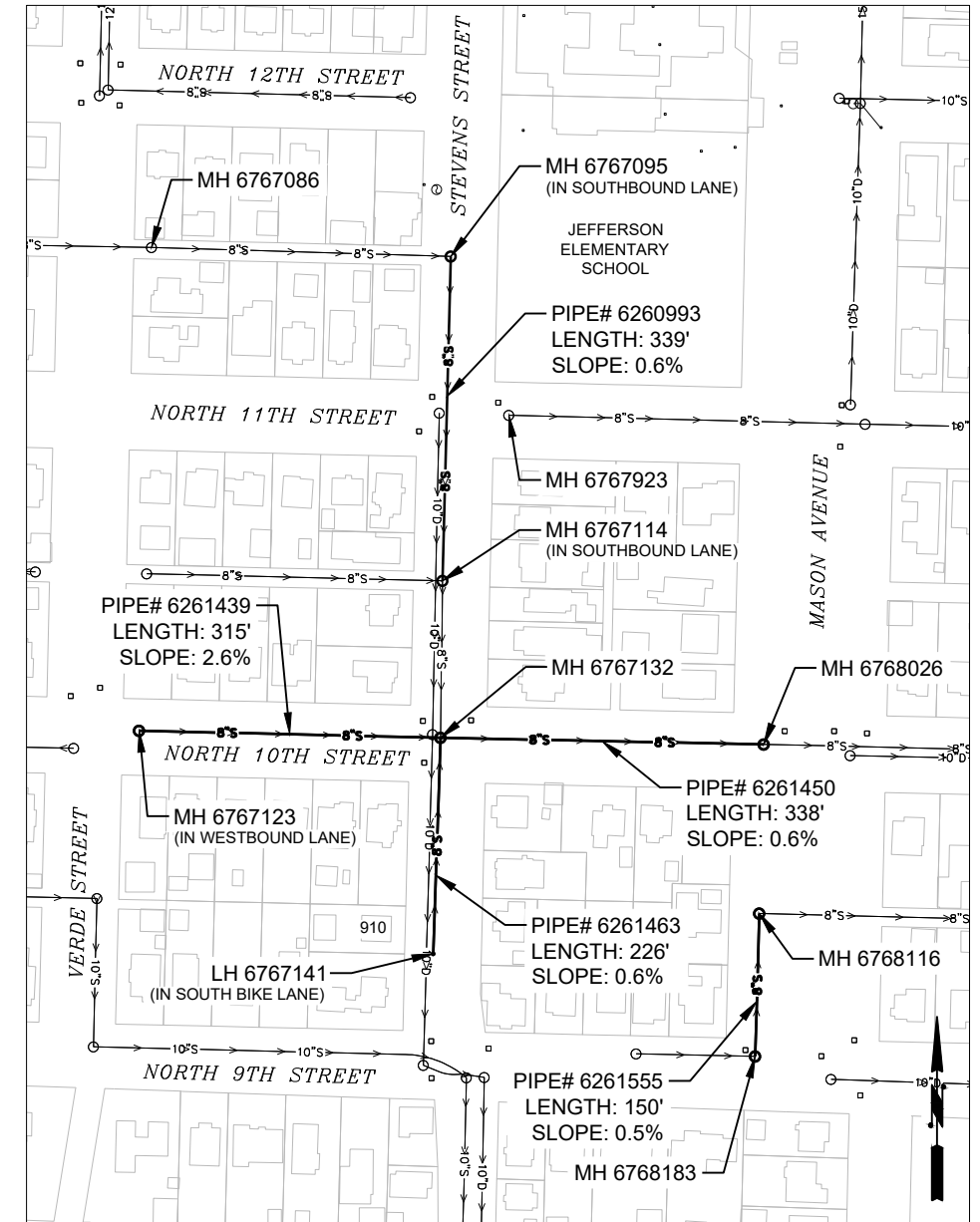


BROWNS POINT BLVD. FROM 58TH ST. N.E. TO 57TH ST. N.E.



ALLEY BETWEEN N. 27TH ST. AND N. 26TH ST. FROM N. STARR ST. TO MCCARVER ST.

NOTE: SEGMENT 6259012 TRANSITIONS FROM CONCRETE TO CLAY PIPE WITH A HORIZONTAL BEND AT 50 FT UPSTREAM OF MH 6755624.

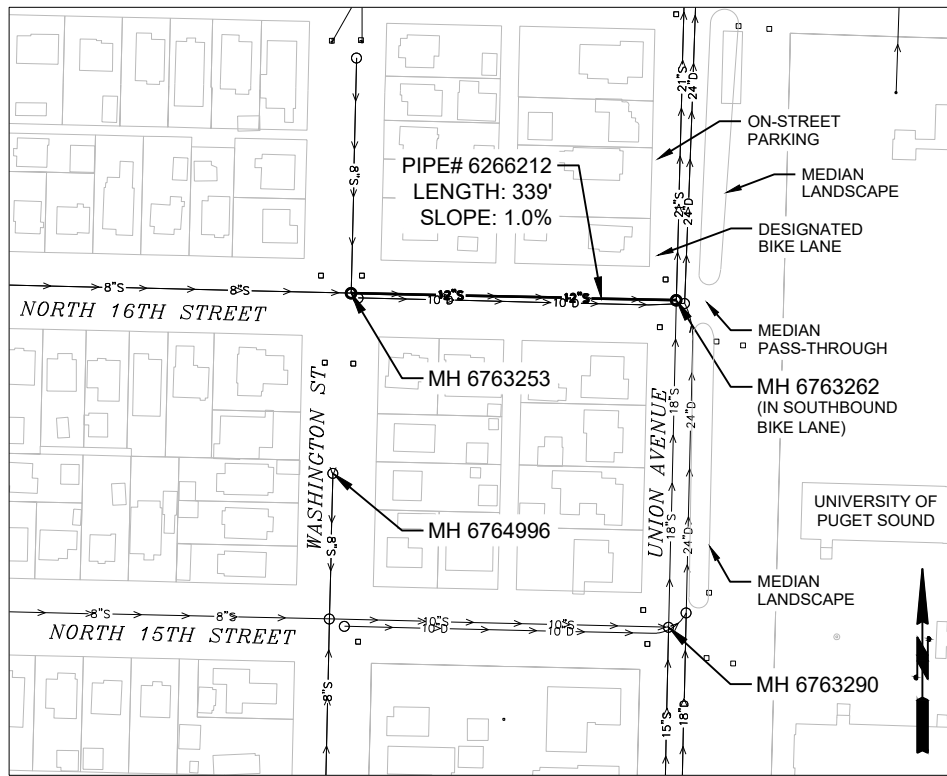


**STEVENS ST. FROM N. 9TH ST. TO N. 12TH ST.
N. 10TH ST. FROM VERDE ST. TO MASON AVE.
MASON AVE. FROM N. 9TH ST. TO N. 10TH ST.**

NOTE: SEGMENT 6260993 IS ADJACENT TO JEFFERSON ELEMENTARY SCHOOL AND PRIVATE PROPERTIES. STEVENS STREET HAS ON-STREET PARKING AND DESIGNATED NORTH AND SOUTH BIKE LANES. CONTRACTOR SHALL COMPLETE LINING WORK OUTSIDE OF SCHOOL ACTIVITIES.

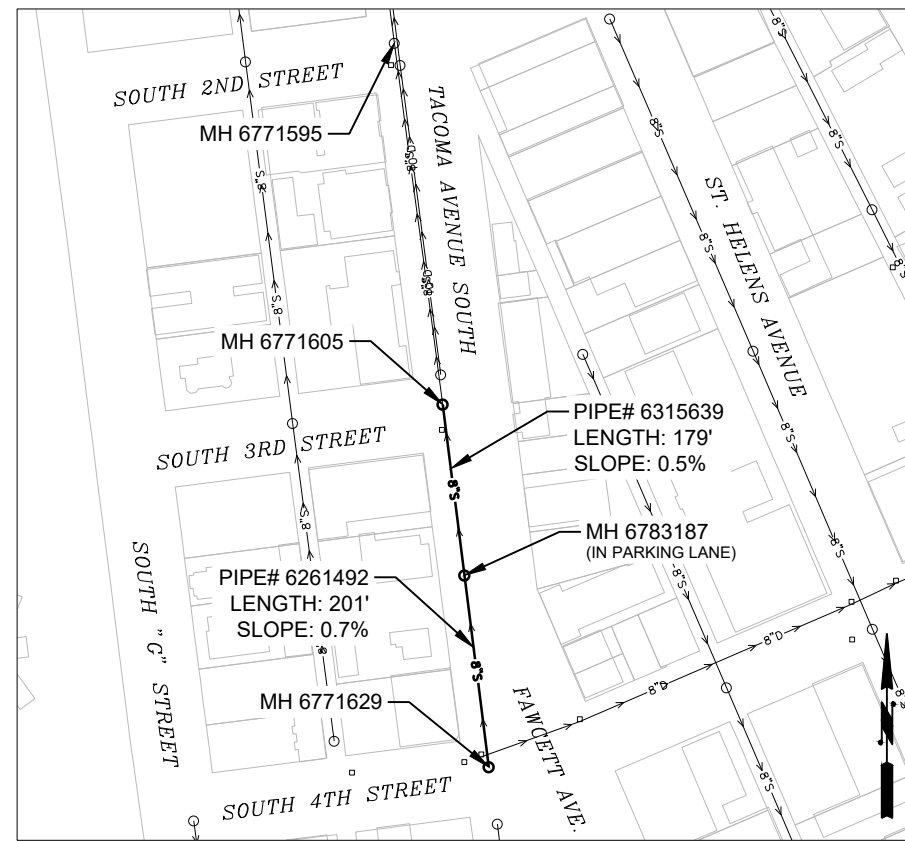
NOTE: SEGMENT 6261463 HAS A LAMP HOLE ACCESS STRUCTURE PLANNED FOR REMOVAL AND REPLACEMENT BY OTHERS PRIOR TO LINING.

NOTE: ADDITIONAL MANHOLE STRUCTURES PLANNED FOR REMOVAL AND REPLACEMENT BY OTHERS. CONTRACTOR TO ANTICIPATE COORDINATION WITH OTHER CONTRACTORS AT THIS SITE.



N. 16TH ST. FROM WASHINGTON ST. TO UNION AVE.

NOTE: SEGMENT 6266212 IS ADJACENT TO UNIVERSITY OF PUGET SOUND AND PRIVATE PROPERTIES. UNION AVENUE HAS ON-STREET PARKING AND DESIGNATED NORTH AND SOUTH BIKE LANES. CONTRACTOR SHALL COMPLETE LINING WORK OUTSIDE OF SCHOOL ACTIVITIES.



TACOMA AVE S. FROM S. 4TH ST. TO S. 3RD ST.

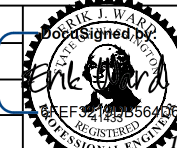
NOTE: SEGMENTS 6315639 AND 6261492 ARE LOCATED ADJACENT TO MULTI-FAMILY APARTMENTS, CONDOS, AND PRIVATE BUSINESSES. CONTRACTOR SHALL COORDINATE WORK WITH CITY AND ADJACENT PRIVATE PROPERTIES AT A MINIMUM, 14 DAYS, IN ADVANCE OF WORK.

BID SET



NO.	REVISION	DATE	APPO

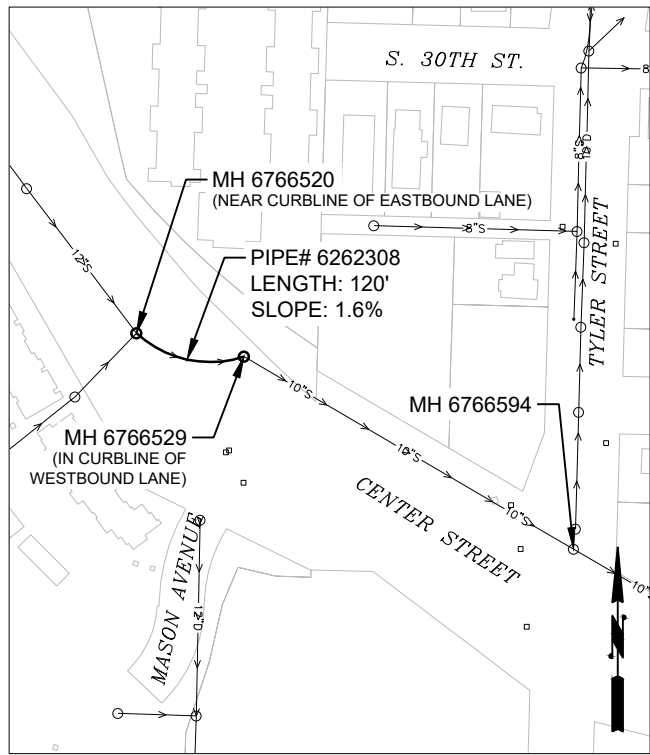
FINAL CONSTRUCTION CHECKED	DATE: 11/19/2024	SCALE: 1" = 200'
DESIGNED: OAM	CHECKED: EJW	
DATE:	DRAWN: JLP	FIELD BOOK:
DRAWING NAME: ENV-04025-05 PS 5-6.dwg		



CITY OF TACOMA
ENVIRONMENTAL SERVICES DEPARTMENT
2024 Wastewater CIPP Rehabilitation
in Various Tacoma Locations
Plan View

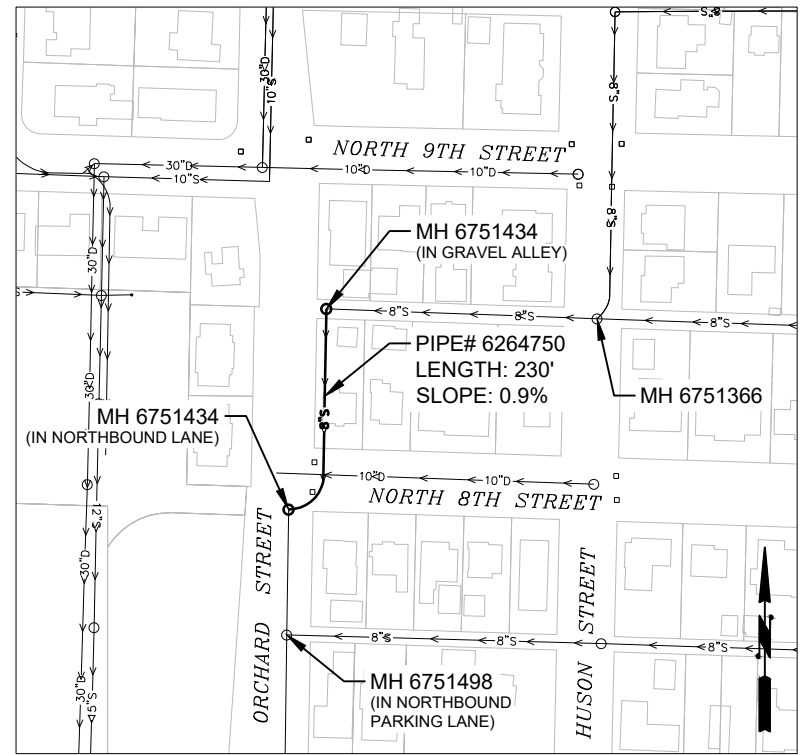
SPEC. NO.	ES24-0032F
SHEET NO.	9 of 14

DATE: 11/19/2024 9:20 AM PATH: W:\PROJECTS\ENV-04025-05 PS 5-6 LAYOUT: 9 PLAN FILE: ENV-04025-05 PS 5-6



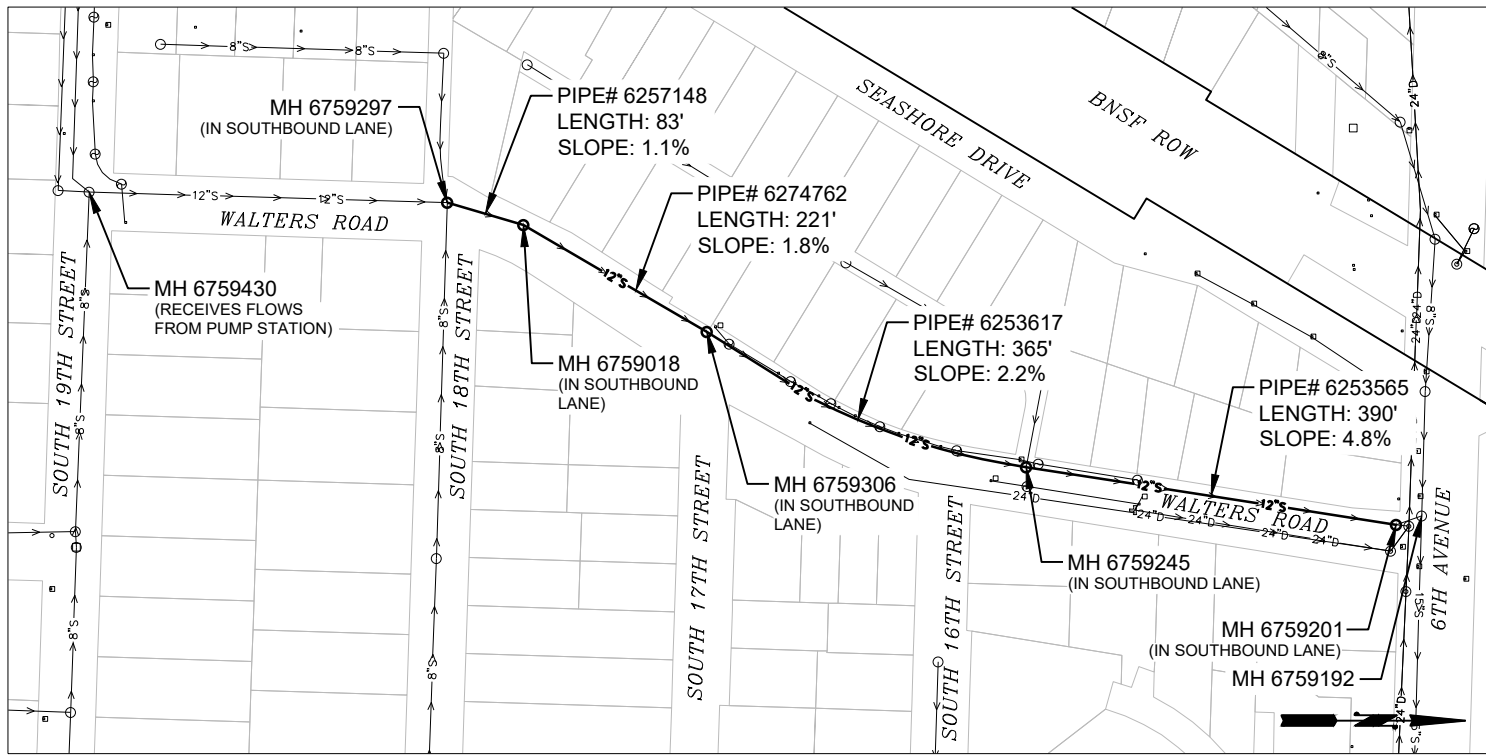
CENTER ST. AND MASON AVE.

NOTE: CENTER STREET HAS TWO EASTBOUND LANES, TWO WESTBOUND LANES, AND A CENTER TURN LANE. INTERSECTION OF TYLER STREET AND CENTER STREET IS A SIGNALIZED INTERSECTION.



ORCHARD ST. FROM N. 9TH ST. TO N. 8TH ST.

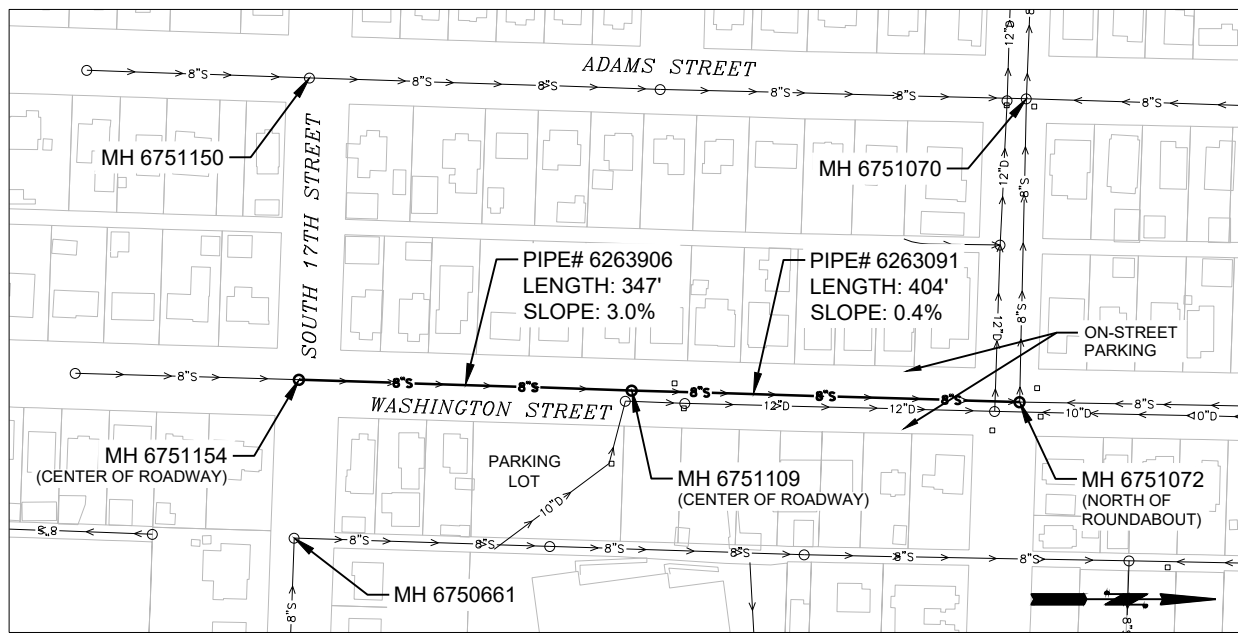
NOTE: SEGMENT 6264750 HAS AN APPROXIMATE 40 FT RADIUS TRANSITION FROM MH 6751434 TO MH 6755624.



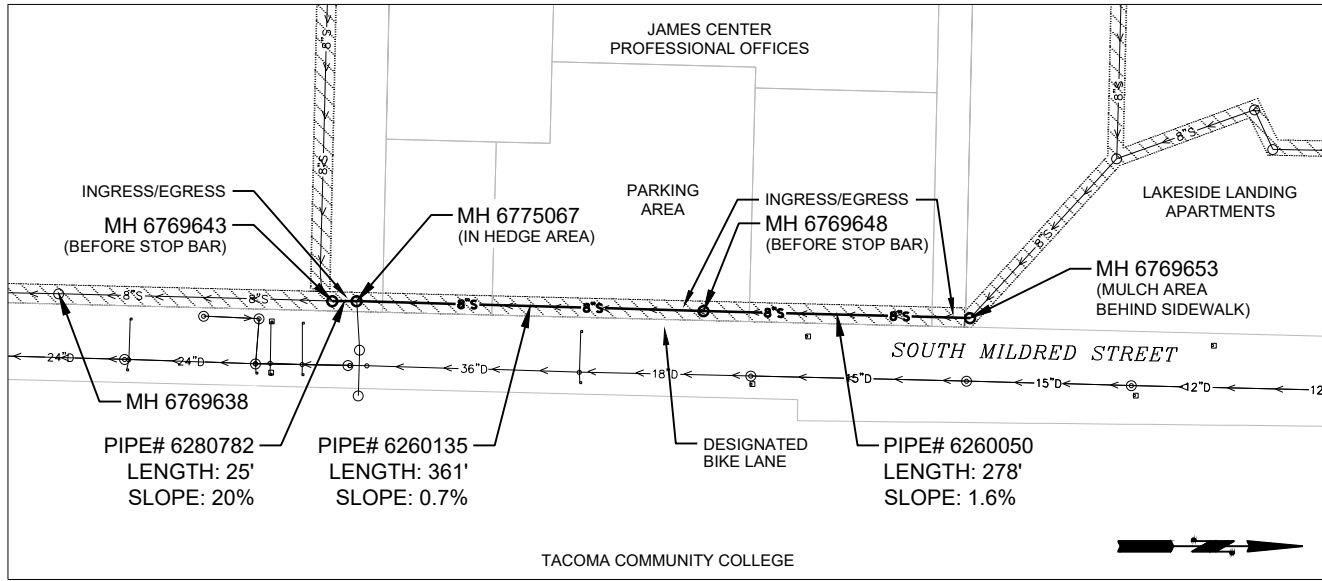
WALTERS RD. FROM S. 18TH ST. TO 6TH AVE.

NOTE: SEGMENTS IN WALTER RD. ARE ADJACENT TO PRIVATE PROPERTIES AND BUSINESSES. SEGMENTS RECEIVE FLOW FROM PUMP STATION OWNED BY PIERCE COUNTY. CONTRACTOR SHALL COORDINATE WORK WITH CITY AND ADJACENT PRIVATE PROPERTIES AT A MINIMUM, 14 DAYS, IN ADVANCE OF WORK. CONTRACTOR SHALL ANTICIPATE ADDITIONAL COORDINATION WITH PIERCE COUNTY FOR BYPASSING ACTIVITIES.

NOTE: CONTRACTOR SHALL ANTICIPATE WORK BY OTHERS IN BNSF ROW AT 6TH TO S 19TH ST AND ALSO WORK BY OTHERS IN SEASHORE DRIVE.



WASHINGTON ST. FROM S. 17TH ST. TO S. 15TH ST.



S. MILDRED ST. BETWEEN S. 12TH ST. TO S. 19TH ST.

NOTE: SEGMENTS ARE LOCATED IN 20 FT SEWER EASEMENT AREA ON PRIVATE PROPERTIES BEHIND THE SIDEWALK. CONTRACTOR SHALL COORDINATE WORK WITH CITY AND PRIVATE PROPERTIES AT A MINIMUM, 14 DAYS, IN ADVANCE OF WORK.

DATE: 11/19/2024 9:20 AM PATH: W:\PROJECTS\ENV\04025-05 PS 5-6 LAYOUT-10 PLAN FILE: ENV\04025-05 PS 5-6

BID SET



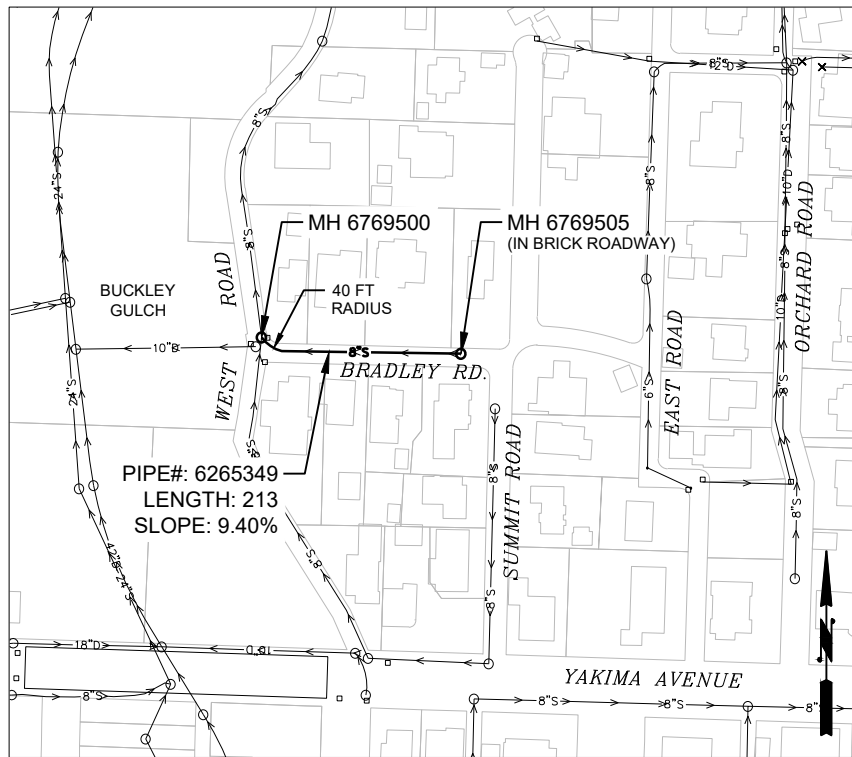
NO	REVISION	DATE	APPO

FINAL CONSTRUCTION CHECKED	DATE 11/19/2024	SCALE 1" = 200'
DESIGNED OAM	CHECKED EJV	
DATE	DRAWN JLP	FIELD BOOK
DRAWING NAME ENV-04025-05 PS 5-6.dwg		



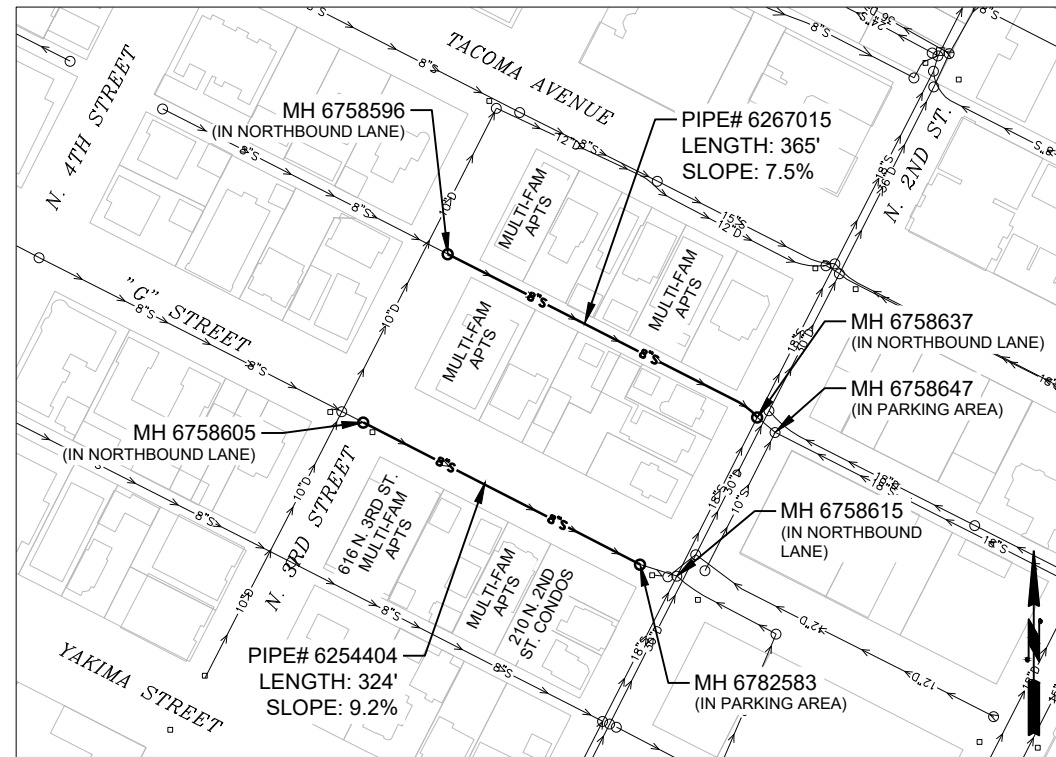
CITY OF TACOMA
ENVIRONMENTAL SERVICES DEPARTMENT
 2024 Wastewater CIPP Rehabilitation
 in Various Tacoma Locations
 Plan View

SPEC. NO.	ES24-0032F
SHEET NO.	10 of 14



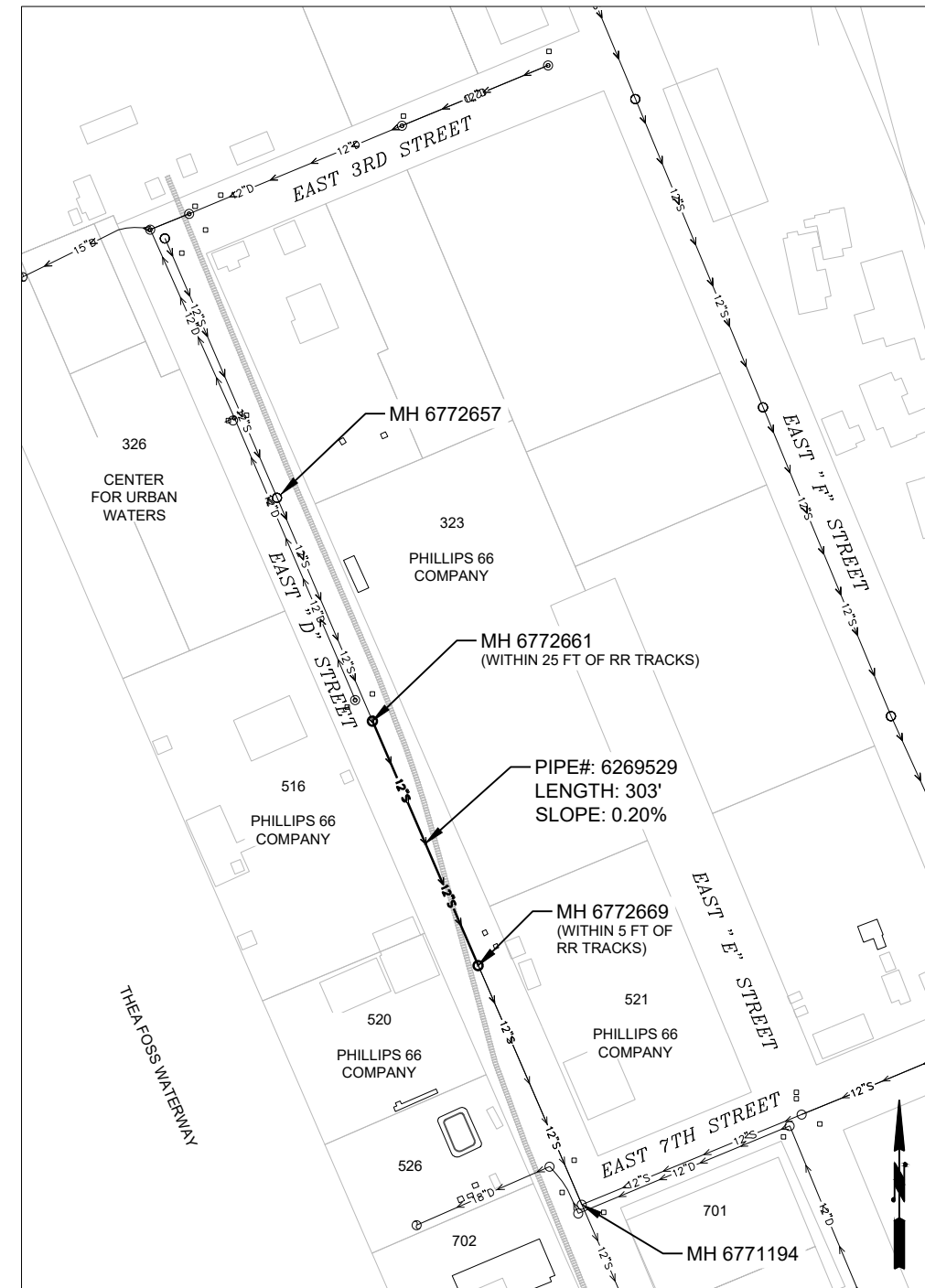
BRADLEY RD. FROM WEST RD. TO SUMMIT RD.

NOTE: CONTRACTOR SHALL NOTIFY RESIDENTS AT A MINIMUM, 14 DAYS, IN ADVANCE OF WORK. ADDITIONAL COORDINATION WITH CITY REQUIRED FOR BRADLEY ROAD CLOSURES FOR LINING WORK. LOCAL ACCESS TO WEST ROAD WILL BE MAINTAINED.



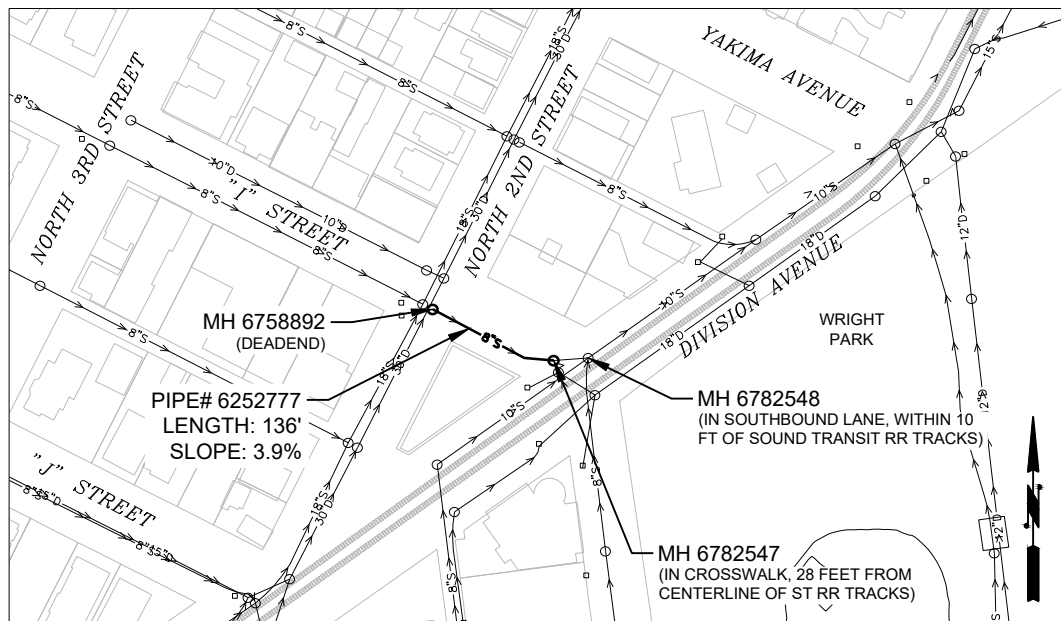
"G" ST. AND ALLEY FROM N. 3RD ST. TO N. 2ND ST.

NOTE: SEGMENTS 6267015 AND 6254404 ARE LOCATED ADJACENT TO MULTI-FAMILY APARTMENTS, CONDOS, AND PRIVATE BUSINESSES. CONTRACTOR SHALL COORDINATE WORK WITH CITY AND ADJACENT PRIVATE PROPERTIES AT A MINIMUM, 14 DAYS, IN ADVANCE OF WORK.



E. "D" ST. FROM E. 3RD ST. TO E. 7TH ST.

NOTE: SEGMENT 6269529 IS TIDALLY-INFLUENCED AND IS LOCATED UNDER BNSF RR TRACKS. ADDITIONAL COORDINATION WITH BNSF FOR FLAGGING AND RR LIABILITY INSURANCE REQUIRED. EAST "D" STREET AND EAST 7TH STREET RECEIVE FUELING TRUCKS 24 HRS A DAY AND 7 DAYS A WEEK. ADDITIONAL COORDINATION WITH CITY FOR WORK AT THIS SITE. NO BYPASS LINE OVER RR TRACKS.



"I" ST. FROM N. 2ND ST. TO DIVISION AVE.

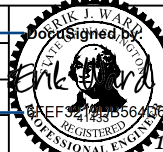
NOTE: THE INTERSECTION AT DIVISION AVE. AND N. "I" ST. HAS SOUND TRANSIT RAILROAD TRACKS, A SIGNALIZED INTERSECTION, AND CROSSWALKS. CONTRACTOR SHALL COMPLY WITH APPROVED TRAFFIC CONTROL PLANS WITH UNIFORMED POLICE OFFICERS AND SPOTTERS. SEGMENT 6252777 IS LOCATED ADJACENT TO PRIVATE BUSINESSES AND HOSPITALS. CONTRACTOR SHALL COORDINATE WORK WITH CITY AND ADJACENT PRIVATE PROPERTIES AT A MINIMUM, 14 DAYS, IN ADVANCE OF WORK. THERE SHALL BE NO BYPASS LINE ACROSS SOUND TRANSIT TRACKS FOR BYPASS ACTIVITIES.

NOTE: SEGMENT 6252777 BEGINS BEND TO THE LEFT AT 114 FT DOWNSTREAM, IN TWO FOOT INCREMENTS, UP TO 120 FT.

BID SET

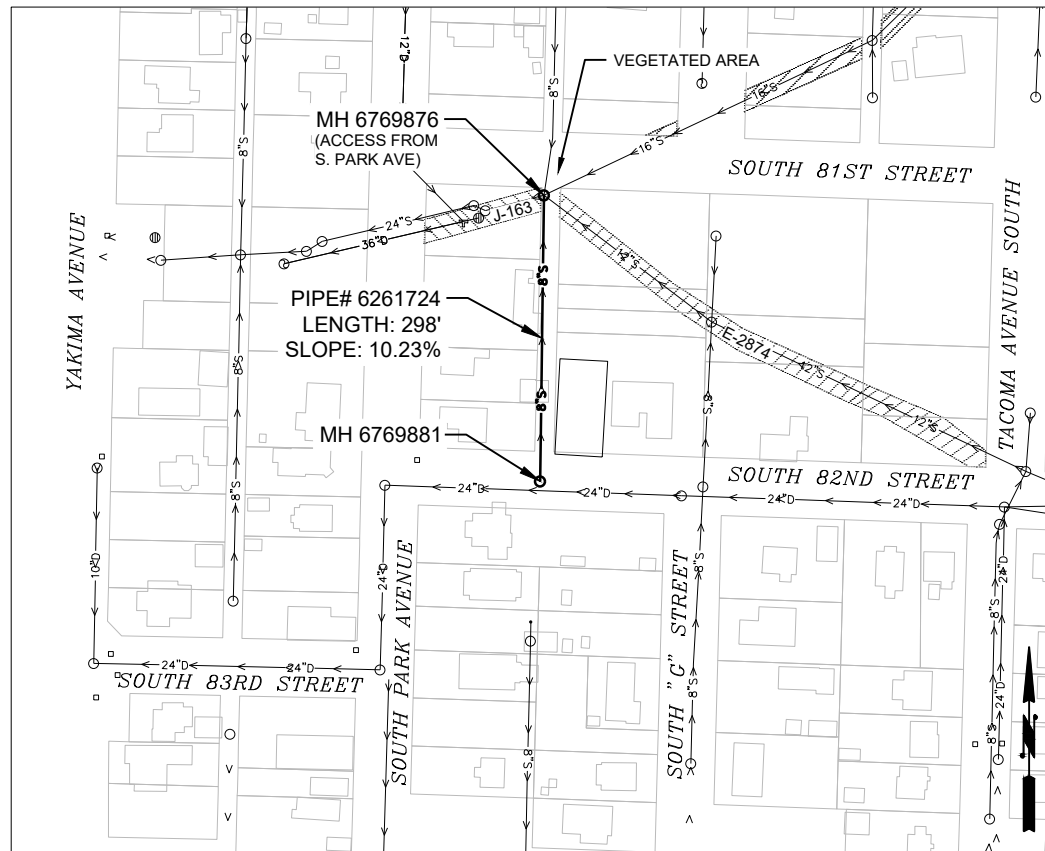


NO	REVISION	DATE	APPO



FINAL CONSTRUCTION CHECKED DATE: 11/19/2024 SCALE: 1" = 200' DESIGNED: OAM CHECKED: EJW DRAWN: JLP FIELD BOOK:	CITY OF TACOMA ENVIRONMENTAL SERVICES DEPARTMENT 2024 Wastewater CIPP Rehabilitation in Various Tacoma Locations Plan View	SPEC. NO. ES24-0032F SHEET NO. ENV-04025-05 SHEET 11 of 14
--	--	--

DATE: 11/19/2024 9:20 AM PATH: W:\PROJECTS\ENV\04025-05 MW 2024 CIPP IN VARIOUS AREAS\PRODUCTION SET FILE: ENV-04025-05 PS 11 LAYOUT: 11 PLAN



ALLEY BETWEEN S. PARK AVE. AND S. "G" ST. FROM S. 81ST ST. TO S. 82ND ST.

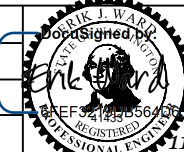
NOTE: CONTRACTOR SHALL ACCESS MH 6769876 FROM S. PARK AVE. AND ACROSS VEGETATED AREA. SEE APPENDIX F FOR PHOTOGRAPHS OF PROJECT SITE.

BID SET



NO	REVISION	DATE	APPO

FINAL CONSTRUCTION CHECKED	DATE	SCALE
	11/19/2024	1" = 200'
DESIGNED	CHECKED	
OAM	EJW	
DATE	DRAWN	FIELD BOOK
	JLP	
DRAWING NAME		
ENV-04025-05 PS 11.dwg		



CITY OF TACOMA
ENVIRONMENTAL SERVICES DEPARTMENT
 2024 Wastewater CIPP Rehabilitation
 in Various Tacoma Locations
 Plan View

SPEC. NO.	ES24-0032F
MBS NO.	
SHEET NO.	ENV-04025-05
SHEET	12 of 14

DATE: 11/19/2024 9:20 AM PATH: W:\PROJECTS\ENV\04025-05 WW 2024 CIPP IN VARIOUS AREAS\PRODUCTION SET FILE: ENV\04025-05 PS 11 LAYOUT: 12 PLAN

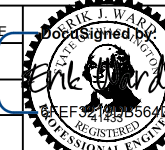
Sheet	Line Segment	Material	Size (Inches)	Length	Up MH	Up Depth	Dn MH	Dn Depth	Slope (%)	Location
2	6265952	URC	8	300	6763777	8.1	6763786	12.3	3.84%	WAPATO
2	6265966	URC	8	300	6763786	12.3	6764244	14.0	0.50%	WAPATO
2	6270135	URC	8	322	6764244	14.0	6764118	12.0	3.31%	WAPATO
2	6265902	RCP	8	330	6763723	11.4	6764118	12.0	0.50%	WAPATO
2	6266721	URC	12	329	6764118	12.0	6763026	18.8	1.62%	WAPATO
2	6266709	URC	15	197	6764327	20.9	6764309	22.1	0.30%	WAPATO
2	6266681	URC	15	205	6764309	22.0	6763035	19.6	0.30%	WAPATO
2	6265446	URC	15	67	6763035	19.6	6763026	18.8	0.16%	WAPATO
2	6265432	URC	15	171	6763026	18.8	6763015	21.7	0.35%	WAPATO
2	6269295	URC	8	290	6762998	9.0	6762989	5.4	1.73%	WAPATO
2	6269330	URC	15	358	6763015	21.7	6762614	17.7	0.30%	WAPATO
2	6265754	URC	15	362	6762614	17.7	6762595	18.4	0.30%	WAPATO
2	6265730	URC	15	157	6762595	18.4	6762489	17.7	0.30%	WAPATO
2	6265637	URC	15	363	6762489	17.7	6762479	9.7	0.31%	WAPATO
2	6268754	URC	15	240	6762479	9.7	6762461	11.8	4.53%	WAPATO
2	6265621	URC	15	386	6762461	11.8	6762448	12.0	0.29%	WAPATO
2	6265609	URC	15	397	6762448	12.0	6762439	17.2	0.28%	WAPATO
2	6265597	URC	15	303	6762439	17.2	6762798	14.9	0.28%	WAPATO
2	6266538	URC	15	112	6762798	14.9	6762728	10.5	0.27%	WAPATO
2	6266549	URC	8	219	6762807	10.4	6762728	10.5	3.76%	WAPATO
2	6266452	URC	15	88	6762728	10.5	6762718	11.2	0.30%	WAPATO
2	6266436	URC	15	223	6762718	11.2	6762739	15.1	0.30%	WAPATO
2	6266562	URC	8	205	6762818	12.8	6762739	15.1	5.73%	WAPATO
2	6266463	URC	15	54	6762739	15.1	6762749	14.9	0.17%	WAPATO
2	6266474	URC	15	276	6762749	14.9	6762760	19.4	0.28%	WAPATO
2	6266485	URC	15	217	6762760	19.4	6762769	20.8	0.28%	WAPATO
3	6266496	URC	15	268	6762769	20.8	6763148	15.1	0.28%	WAPATO
3	6267327	URC	15	263	6763148	15.1	6763139	14.1	0.28%	WAPATO
3	6267316	URC	15	350	6763139	14.1	6763110	6.0	0.39%	WAPATO
3	6269342	URC	15	349	6763110	6.0	6763252	12.4	0.33%	WAPATO
3	6267532	URC	15	234	6763252	12.4	6776622	20.0	0.14%	WAPATO
3	6262401	URC	15	45	6776619	19.2	6763619	16.2	0.29%	S. 80TH ST. TO HOSMER ST.
3	6267810	URC	15	157	6763619	16.2	6763628	13.1	0.36%	S. 80TH ST. TO HOSMER ST.
3	6267824	URC	15	325	6763628	13.1	6763609	24.3	2.26%	S. 80TH ST. TO HOSMER ST.
3	6270087	URC	15	231	6763609	24.3	6763499	32.4	2.49%	S. 80TH ST. TO HOSMER ST.
3	6269700	URC	8	279	6763741	11.5	6763759	10.6	1.40%	"K" ST. FROM S. 68TH ST. TO S. 70TH ST.
3	6265925	URC	8	299	6763759	10.6	6763768	8.8	1.41%	"K" ST. FROM S. 68TH ST. TO S. 70TH ST.
3	6259225	URC	8	330	6763591	8.7	6763582	8.3	0.40%	ALASKA ST. FROM S. 80TH ST. TO S. 82ND ST.
3	6259216	URC	8	353	6763582	8.3	6763306	10.8	0.40%	ALASKA ST. FROM S. 80TH ST. TO S. 82ND ST.
4	6269687	URC	8	255	6764966	13.1	6764540	11.3	1.38%	WAPATO
4	6266976	URC	8	255	6764576	11.9	6764966	13.1	0.50%	WAPATO
4	6267511	URC	8	226	6764692	10.1	6764674	9.2	0.50%	WAPATO
4	6269439	URC	8	335	6764674	9.2	6764656	10.8	1.60%	WAPATO
4	6267522	URC	8	141	6764701	6.3	6764656	10.8	6.86%	WAPATO
4	6269668	URC	8	90	6764930	8.2	6764701	6.3	1.00%	WAPATO
4	6267484	URC	8	346	6764656	10.8	6764647	12.6	0.50%	WAPATO
4	6267908	URC	8	303	6764884	2.8	6764757	9.1	0.50%	WAPATO
4	6267038	URC	8	342	6764720	11.8	6764729	11.8	0.84%	WAPATO
4	6267027	URC	8	301	6764621	18.3	6764638	10.2	0.40%	WAPATO
4	6269414	URC	8	303	6764638	10.2	6764837	9.9	0.56%	WAPATO
4	6267732	URC	8	135	6764866	7.3	6764837	9.9	3.75%	WAPATO
4	6267702	URC	8	150	6764837	9.9	6765003	10.5	3.45%	WAPATO
4	6267692	URC	8	124	6764825	11.1	6764816	9.3	0.14%	WAPATO
4	6267715	URC	8	317	6764855	11.7	6764847	9.7	1.68%	WAPATO
4	6250321	URC	8	241	6764847	9.7	6764796	9.7	0.90%	WAPATO
4	6267846	URC	8	143	6764766	11.0	6764787	8.6	2.02%	WAPATO

BID SET



NO	REVISION	DATE	APPD

FINAL CONSTRUCTION CHECKED	DATE 11/19/2024	SCALE NO SCALE
DESIGNED	OAM	CHECKED E.J.W.
DRAWN	JLP	FIELD BOOK
DRAWING NAME ENV-04025-05 PS Notes.dwg		



CITY OF TACOMA
ENVIRONMENTAL SERVICES DEPARTMENT
 2024 Wastewater CIPP Rehabilitation
 in Various Tacoma Locations
 Notes

SPEC. NO.	ES24-0032F
SHEET NO.	ENV-04025-05
SHEET	13 of 14

Sheet	Line Segment	Material	Size (Inches)	Length	Up MH	Up Depth	Dn MH	Dn Depth	Slope (%)	Location
5	6251985	TCP	8	156	6768476	6.3	6768484	5.3	6.73%	S. 11TH AND ALTHEIMER ST.
5	6250558	TCP	8	186	6768484	5.3	6768900	5.0	0.47%	S. 11TH AND ALTHEIMER ST.
5	6252852	TCP	8	377	6769301	6.7	6769332	7.9	2.41%	ST. HELENS AVE. FROM S. 2ND ST. TO 6TH AVE.
5	6253075	TCP	8	315	6769332	7.9	6769346	5.7	3.29%	ST. HELENS AVE. FROM S. 2ND ST. TO 6TH AVE.
5	6253254	TCP	8	289	6769346	5.7	6769390	10.3	6.97%	ST. HELENS AVE. FROM S. 2ND ST. TO 6TH AVE.
5	6252195	TCP	8	438	6769390	10.3	6769403	7.4	3.66%	ST. HELENS AVE. FROM S. 2ND ST. TO 6TH AVE.
5	6271937	TCP	8	153	6769407	5.3	6769403	7.4	12.80%	ST. HELENS AVE. FROM S. 2ND ST. TO 6TH AVE.
5	6280765	TCP	8	34	6769403	7.4	6775034	8.9	7.19%	ST. HELENS AVE. FROM S. 2ND ST. TO 6TH AVE.
5	6293864	URC	8	158	6781398	13.3	6769604	11.9	-0.11%	ALLEY BETWEEN S. 16TH ST. TO S. 17TH ST. FROM MLK JR WAY TO S. "J" ST.
5	6253070	URC	8	223	6769637	12.0	6781398	13.3	2.04%	ALLEY BETWEEN S. 16TH ST. TO S. 17TH ST. FROM MLK JR WAY TO S. "J" ST.
6	6269773	URC	10	333	6752791	8.4	6752935	13.0	0.00%	WAPATO ST. FROM S. 66TH ST. TO S. 70TH ST.
6	6262908	URC	10	327	6752935	13.0	6753093	14.7	0.00%	WAPATO ST. FROM S. 66TH ST. TO S. 70TH ST.
6	6263641	URC	12	334	6753093	14.7	6753255	15.6	0.20%	WAPATO ST. FROM S. 66TH ST. TO S. 70TH ST.
6	6263679	URC	12	335	6753255	15.6	6753485	15.6	0.20%	WAPATO ST. FROM S. 66TH ST. TO S. 70TH ST.
6	6263387	URC	12	171	6753485	15.6	6753476	17.1	0.20%	ALLEY BETWEEN PROSPECT ST. AND WAPATO ST. FROM S. 70TH ST. TO S. 74TH ST.
6	6263376	URC	12	362	6753476	17.1	6753646	15.9	0.20%	ALLEY BETWEEN PROSPECT ST. AND WAPATO ST. FROM S. 70TH ST. TO S. 74TH ST.
6	6263888	URC	12	300	6753646	15.9	6753796	4.3	0.20%	ALLEY BETWEEN PROSPECT ST. AND WAPATO ST. FROM S. 70TH ST. TO S. 74TH ST.
6	6263972	URC	12	285	6753796	4.3	6754028	6.9	0.18%	ALLEY BETWEEN PROSPECT ST. AND WAPATO ST. FROM S. 70TH ST. TO S. 74TH ST.
6	6265340	RCP	12	176	6754028	6.9	6754041	21.0	0.22%	ALLEY BETWEEN PROSPECT ST. AND WAPATO ST. FROM S. 70TH ST. TO S. 74TH ST.
6	6266170	URC	8	311	6763937	12.9	6763947	12.5	1.08%	ALLEY BETWEEN S. THOMPSON AVE. TO YAKIMA AVE. FROM S. 70TH ST. TO S. 72ND ST.
6	6266181	URC	8	315	6763947	12.5	6764183	14.7	1.00%	ALLEY BETWEEN S. THOMPSON AVE. TO YAKIMA AVE. FROM S. 70TH ST. TO S. 72ND ST.
6	6257526	URC	10	169	6771127	20.4	6771131	6.5	0.50%	S. 50TH ST. AT TYLER ST.
7	6270656	TCP	24	167	6771254	12.9	6771265	16.3	0.50%	SOUND TRANSIT ROW FROM WILKESON ST. TO ALASKA ST.
7	6250598	TCP	8	380	6769420	1.8	6769425	3.4	12.76%	ALLEY BETWEEN E. 34TH ST. TO E. 35TH ST. FROM E. "D" ST. TO E. "G" ST.
7	6250157	TCP	8	379	6769431	8.3	6769436	6.1	0.01%	ALLEY BETWEEN E. 34TH ST. TO E. 35TH ST. FROM E. "D" ST. TO E. "G" ST.
7	6271312	URC	10	150	6757499	16.2	6775583	20.8	1.79%	WRIGHT AVE. FROM SAWYER ST. TO CUSHMAN AVE.
7	6266426	TCP	8	110	6761223	11.9	6761232	8.6	0.45%	1115 E. DIVISION LN (GAULT MIDDLE SCHOOL)
7	6265149	TCP	8	49	6760561	14.1	6781132	14.1	1.52%	ALLEY BETWEEN E. 29TH ST. TO E. 30TH ST. AT PORTLAND AVE.
8	6253102	TCP	8	388	6767286	8.9	6767338	8.2	0.91%	COURT "E" FROM S. 17TH ST. TO S. 19TH ST.
8	6255319	TCP	8	285	6766581	5.2	6766637	12.2	0.84%	COURT "D" FROM S. 15TH ST. TO S. 19TH ST.
8	6255053	TCP	8	424	6766637	12.2	6766678	4.8	0.86%	COURT "D" FROM S. 15TH ST. TO S. 19TH ST.
8	6255529	TCP	8	369	6766678	4.8	6766740	11.7	1.23%	COURT "D" FROM S. 15TH ST. TO S. 19TH ST.
8	6267078	TCP	12	40	6771580	11.3	6771576	12.9	1.25%	PUYALLUP AVE. AT E. "C" ST.
8	6267574	TCP	12	183	6771663	8.3	6771606	10.3	1.03%	MCKINLEY AVE. FROM PUYALLUP AVE. TO E. 25TH ST.
9	6250254	URC	8	342	6764878	11.9	6764984	13.0	2.79%	BROWNS POINT BLVD. FROM 58TH ST. N.E. TO 57TH ST. N.E.
9	6266212	URC	12	339	6763253	7.6	6763262	11.2	0.25%	N. 16TH ST. FROM WASHINGTON ST. TO UNION AVE.
9	6259012	TCP	8	412	6755766	3.8	6755624	14.0	7.45%	ALLEY BETWEEN N. 27TH ST. AND N. 26TH ST. FROM N. STARR ST. TO MCCARVER ST.
9	6261492	TCP	8	201	6771629	5.7	6783187	6.2	9.22%	TACOMA AVE S. FROM S. 4TH ST. TO S. 3RD ST.
9	6315639	TCP	8	179	6783187	6.2	6771605	7.0	3.94%	TACOMA AVE S. FROM S. 4TH ST. TO S. 3RD ST.
9	6261463	URC	8	226	6767141	5.0	6767132	6.9	4.18%	STEVENS ST. FROM N. 9TH ST. TO N. 10TH ST.
9	6260993	URC	8	339	6767095	9.9	6767114	6.9	1.00%	STEVENS ST. FROM N. 9TH ST. TO N. 10TH ST.
9	6261439	URC	8	315	6767123	7.3	6767132	6.9	3.80%	N. 10TH ST. FROM VERDE ST. TO MASON AVE.
9	6261450	URC	8	338	6767132	6.9	6768026	10.2	0.66%	N. 10TH ST. FROM VERDE ST. TO MASON AVE.
9	6261555	URC	8	150	6768183	5.3	6768116	7.4	0.54%	MASON AVE. FROM N. 9TH ST. TO N. 10TH ST.
10	6262308	RCP	12	120	6766520	5.5	6766529	4.0	0.55%	CENTER ST. AND MASON AVE.
10	6264750	URC	8	230	6751434	6.9	6751469	8.8	0.60%	ORCHARD ST. FROM N. 9TH ST. TO N. 8TH ST.
10	6263906	URC	8	347	6751154	11.2	6751109	9.4	2.61%	WASHINGTON ST. FROM S. 17TH ST. TO S. 15TH ST.
10	6263091	URC	8	404	6751109	9.4	6751072	14.9	0.59%	WASHINGTON ST. FROM S. 17TH ST. TO S. 15TH ST.
10	6257148	URC	12	83	6759297	14.6	6759018	13.9	0.48%	WALTERS RD. FROM S. 18TH TO 6TH AVE.
10	6274762	URC	12	221	6759018	13.9	6759306	12.2	1.60%	WALTERS RD. FROM S. 18TH TO 6TH AVE.
10	6253617	URC	12	365	6759306	12.2	6759245	9.4	0.87%	WALTERS RD. FROM S. 18TH TO 6TH AVE.
10	6253565	URC	12	390	6759245	9.4	6759201	7.7	2.96%	WALTERS RD. FROM S. 18TH TO 6TH AVE.
10	6260050	URC	8	278	6769653	7.7	6769648	8.8	0.40%	S. MILDRED ST. FROM S. 12TH ST. TO S. 19TH ST.
10	6260135	URC	8	361	6769648	8.8	6775067	8.4	1.14%	S. MILDRED ST. FROM S. 12TH ST. TO S. 19TH ST.
10	6280782	URC	8	25	6775067	8.4	6769643	19.9	1.77%	S. MILDRED ST. FROM S. 12TH ST. TO S. 19TH ST.
11	6269529	TCP	12	303	6772661	7.9	6772669	8.8	0.20%	E. "D" ST. FROM E. 3RD ST. TO E. 7TH ST.
11	6265349	TCP	8	213	6769505	4.6	6769500	7.3	9.40%	BRADLEY RD. FROM WEST RD. TO SUMMIT RD.
11	6267015	TCP	8	365	6758596	7.4	6758637	10.1	1.56%	"G" ST. AND ALLEY FROM N. 3RD ST. TO N. 2ND ST.
11	6254404	TCP	8	324	6758605	10.0	6782583	10.3	0.72%	"G" ST. AND ALLEY FROM N. 3RD ST. TO N. 2ND ST.
11	6252777	TCP	8	173	6758892	7.9	6782547	9.5	1.97%	"I" ST. FROM N. 2ND ST. TO DIVISION AVE.
12	6261724	URC	8	299	6769881	6.1	6769876	6.0	10.23%	ALLEY BETWEEN S. PARK AVE. AND S. "G" ST. FROM S. 81ST ST. TO S. 82ND ST.

Pipe Size (IN)	Pipe Length (LF)
8	18,095
10	979
12	4,334
15	6,398
24	167
TOTAL	29,973

BID SET



NO	REVISION	DATE	APPO

FINAL CONSTRUCTION CHECKED	DATE 11/19/2024	SCALE NO SCALE
DESIGNED OAM	CHECKED EJJ	FIELD BOOK
DATE	DRAWN JLP	
DRAWING NAME ENV-04025-05 PS Notes.dwg		



CITY OF TACOMA
ENVIRONMENTAL SERVICES DEPARTMENT
2024 Wastewater CIPP Rehabilitation
 in Various Tacoma Locations
 Notes

SPEC. NO.	ES24-0032F
SHEET NO.	ENV-04025-05
SHEET	14 of 14