



**CITY OF TACOMA**  
**Environmental Services**

**ADDENDUM NO. 2**

**DATE:** September 25, 2020

**REVISIONS TO:**

**Request for Bids Specification No. ES20-0001F**

**Stormwater & Wastewater Sewer Replacement Project (Various Areas): S Wright Ave, N Carr St, N Karl Johan Ave, S 9th St, N 12th St, N 26th St, & S 53rd St**

**NOTICE TO ALL BIDDERS:**

This addendum is issued to clarify, revise, add to or delete from, the original specification documents for the above project. This addendum, as integrated with the original specification documents, shall form the specification documents. The noted revisions shall take precedence over previously issued specification documents and shall become part of this contract.

**REVISIONS TO THE SUBMITTAL DEADLINE:**

The submittal deadline has been changed to 11:00 a.m., Pacific Time, Tuesday, October 6, 2020.

**REVISIONS TO THE TACOMA WATER SPECIAL PROVISIONS:**

- **Addition of Section 2-17**

The attached specification for Section 2-17 shall be included in the Tacoma Water Special Provisions in PART III of the Contract documents.

**REVISIONS TO THE WATER PLANS:**

- **Replace Sheet Nos. 3-5 and 7-8**

Replacement sheets are attached.

**REVISIONS TO THE PROPOSAL PAGES:**

- **Revision to Bid Item No. W114 for Trench Excavation and Disposal**

The quantity for bid item number W114 is reduced to 1,114 CY.

- **Revision to Bid Item No. W132 for 16-inch Transition Coupling with 7-inch center ring, epoxy coating, and stainless steel bolts, C.I. to D.I., installed**

The quantity for bid item number W132 is increased to 4 EA.

- **Revision to Bid Item No. W136 for 16-inch Ductile Iron Cap, M.J., tapped 4", installed and removed**

The quantity for bid item number W136 is increased to 4 EA.

- **Revision to Bid Item No. W150 for 16-inch B/F Valve, M.J., ANSI/AWWA, C504 with C.I. Valve Box, installed**

The quantity for bid item number W150 is increased to 4 EA.

- **Addition of Bid Item No. W157**

W157. 2-17	Trench Excavation & Disposal of Contaminated Materials, Incl. Haul to LRI	295 Cu. Yd.	\$ _____	\$ _____
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The attached Proposal has been revised to reflect the above changes and is labeled "Addendum No. 2." The bidder shall insert the revised proposal into the Bid Submittal Package and use the revised proposal in lieu of the original.

NOTE: Acknowledge receipt of this addendum by initialing the corresponding space as indicated on the Signature Page. Vendors who have already submitted their bid/proposal may contact the Purchasing Division at 253-502-8468 and request return of their bid/proposal for acknowledgment and re-submittal. Or, a letter acknowledging receipt of this addendum may be submitted in an envelope marked Request for Bids Specification No. ES20-0001F Addendum No. 2. The City reserves the right to reject any and all bids, including, in certain circumstances, for failure to appropriately acknowledge this addendum.

cc: Jordan Ennis, Environmental Services

## **2-17 CONTROL AND MANAGEMENT OF CONTAMINATED MATERIALS IN TACOMA SMELTER PLUME (June 3, 2014 Tacoma GSP)**

### **2-17.1(1) General**

Contaminated soils with concentrations of arsenic (As) and lead (Pb) exceeding the levels listed in the Washington State Models Toxics Control Act (MTCA) cleanup regulations (Chapter 173-340 WAC) may be encountered on the project site. The Contractor shall operate within and meet all applicable laws and regulations associated with working with regulated materials encountered during excavation activities. The Contractor is notified of the existence of cleanup standards for site soils developed according to the MTCA.

The Contractor is advised to review the applicable Washington Administrative Codes (WAC), Washington Department of Ecology (DOE), Washington State Department of Health (DOH), MTCA and Asarco Reports.

Websites for further information:

WAC: <http://apps.leg.wa.gov/wac/> (Title 173-303 & 173-340)

DOH: <http://www.doh.wa.gov/>

DOE: <http://www.ecy.wa.gov/>

MTCA: <http://www.ecy.wa.gov/pubs/9406.pdf>

Public Health Seattle and King County:  
<http://www.kingcounty.gov/healthservices/health/ehs/toxic/ArsenicLead.aspx>

Pierce County Health Department:  
<http://www.tpchd.org/index.php>

Environmental Protection Agency, Asarco Smelter Cleanup:  
<http://www.epa.gov/region10>

Agency for Toxic Substances and Disease Registry, Facts on Arsenic:  
<http://www.atsdr.cdc.gov/tfacts2.html>

Centers for Disease Control, Facts on Lead:  
<http://www.cdc.gov/nceh/lead/publications/1997/factlead.htm>

Department of Health, Drinking Water:  
<http://www.doh.wa.gov/ehp/dw>

### **2-17.1(2) Site Description**

#### **2-17.1(2)A Historical Land Use**

The Tacoma smelter opened in 1890 as a lead smelter. Asarco purchased it in 1905 and converted it to copper smelting in 1912. The smelter operated for nearly 100 years, closing in 1986. The smelter specialized in processing ores with high arsenic concentrations.

The smelter used a 562 foot smokestack. The chemicals in the smoke from the stack were carried out by the wind, and settled to the ground over a 1,000 square mile area. Much of the soil in King and Pierce Counties has been contaminated with arsenic and lead. Arsenic is a human carcinogen, and lead can cause development disabilities. The Department of Ecology and state and local health departments are concerned about potential health risks to people exposed to the contamination.

### **2-17.1(2)B Soil Descriptions and Soil Quality**

Subsurface conditions at the site were explored along the project alignment. Details regarding the subsurface exploration, geotechnical laboratory testing, and summary logs of the explorations are included in Appendix 1 of these Special Provisions.

The soil has been tested in the project for arsenic and lead. A summary of the chemical analytical results for the soils is located in Appendix 1 of these Special Provisions.

### **2-17.1(3) Soil Management of Water Main Trench**

The proposed water main trench line has been sampled for lead and arsenic contamination. It has been determined that the construction trench is contaminated to the following limits.

- N Karl Johan Avenue from Sta. 19+97 to Sta. 25+50

The contaminated material limits and depths are shown on the Tacoma Water Plans. The Contractor shall load this contaminated material directly into trucks and dispose of it as contaminated material at LRI Landfill, located at 30919 Meridian Street East, Graham, WA or a licensed solid waste disposal facility. A Waste Disposal Authorization (WDA) for LRI will be supplied to the Contractor at the beginning of the Construction Activities. The Contractor shall follow all provisions of the WDA.

The remaining excavated material outside of these limits is not considered contaminated. This material may be used for backfill in this project if suitable in accordance with these Specifications.

### **2-17.1(4) Submittals**

This paragraph lists submittals required for this project area. Other submittals will be as required.

1. **Health and Safety Plan** – Section 2-17.2(2).
2. **Resume of Site Health and Safety Officer** – Section 2-17.2(3).
3. **Manifest Package and Supporting Analytical Data** – Section 2-17.3(2)D
4. **Soil Management Plan** – Section 2-17.2(5)
5. **Contractor and/or Subcontractor Environmental Qualifications**

### **2-17.2 Health and Safety**

The Contractor shall be responsible for the health and safety conditions at the job site related to the regulated substances. This includes the health and safety of workers and public during work and non-working hours. The Contractor shall inform all workers and visitors of the

potential for exposure to regulated materials. The Contractor shall follow regulatory procedures to prevent the release of contamination.

Contaminated material excavated during the project is considered solid waste. The Contractor's Health and Safety Plan shall specify training requirements for the site, including 24, 48, or 80 hour training OSHA training as referenced in WAC 296 843 20010, if applicable. The Contractor shall be responsible for all training costs.

### **2-17.2(1) Health and Safety Laws and Regulations**

For all work conducted within the limits of this project site, the Contractor shall ensure compliance with all applicable health and safety provisions for hazardous waste operations, including requirements of the Federal Occupation Safety and Health Act of 1970 (OSHA) and all amendments, including 29 CFR Part 1910, WAC 296-843, as well as any other applicable regulations. Failure to be thoroughly familiar with applicable health and safety provisions shall not relieve the Contractor of the responsibility to fully comply with all laws and regulations.

### **2-17.2(2) Site Health and Safety Plan**

The Site Health and Safety Plan shall be prepared in accordance with WAC 173-340-810. The Contractor shall develop a written Site Health and Safety Plan to be used for the duration of the project. The plan shall incorporate all required city, county, state, and federal health and safety provisions. The plan shall be submitted to the City within ten (10) working days after execution of the contract. The Contractor is advised that the City will review the Site Health and Safety Plan, but the Contractor is solely responsible for ensuring that the Site Health and Safety Plan is implemented in accordance with the regulatory requirements. At least one copy of the plan shall be maintained at the work site. A properly qualified individual shall be assigned to serve as the Site Health and Safety Officer, authorized to supervise and enforce compliance with the plan. The Health and Safety Officer shall be responsible for monitoring the work area for health hazards including sampling of the air, soil, and water as required to ensure worker safety.

All provisions of the Site Health and Safety Plan shall apply to the Contractor, Subcontractors, and all other visitors to the site. Approved Subcontractors may elect to develop a site-specific plan, but this shall not relieve the Contractor of the requirements and responsibilities described herein. The terms and provisions of a Subcontractor's site-specific plan shall meet or exceed the Contractor's plan and shall be submitted to the City or its agents prior to the Subcontractor commencing work.

The Site Health and Safety Plan shall comply with all applicable regulations and shall include, but not be limited to:

1. A list of chemical hazards and physical hazards, allowable OSHA exposure levels, threshold limit values, and all other regulatory exposure levels.
2. If 24, 48, or 80 hour training is required by the Site Health and Safety Plan, then the Contractor shall provide a list of all persons, by work category/type, who will be trained. Photocopies of the employee's training certificates shall be submitted to the Contracting Agency.
3. Engineering controls, work practices, personnel and equipment decontamination procedures, and types of personal protective equipment to be used.

4. A list of safety and monitoring equipment to be kept at the job site and its storage location. A record of monitoring equipment calibration shall be maintained.
5. A list of required health and safety information to be documented.
6. An emergency evacuation plan for immediate removal to the nearest hospital or doctor's care for any person who may be injured on the job site. It shall include evacuation routes to medical treatment and emergency telephone numbers for hospitals, ambulances, police and fire departments, poison control, and the City of Tacoma.

In the event the Health and Safety Plan is determined by a regulatory agency to be inadequate to protect the employees and the public, then the Plan shall be modified by the Contractor at the Contractor's sole expense.

### **2-17.2(3) Site Health and Safety Officer**

The Contractor shall appoint a Site Health and Safety Officer for the project. The Health and Safety Officer must meet the requirements contained in 29 CFR Part 1910 and Chapter 296-62 WAC and who is qualified by experience and training in hazardous waste operations in accordance with other applicable laws, regulations, and requirements of this Section. The Site Health and Safety Officer shall be qualified and authorized to monitor, supervise, and enforce safety compliance with the Site Health and Safety Plan. A resume of the Site Health and Safety Officer's qualifications shall be submitted to the City for review within five (5) working days of receiving the Notice to Proceed. The Site Health and Safety Officer shall be on site at all times when work operations involve excavation and trenching or at other times when the potential for encountering hazardous substances exists as identified as contaminated soil in the Plans and Section 2-17.

The Contractor shall be solely responsible for identification and monitoring of air (gases), soil, dust, and groundwater with chemical constituents that could pose health and safety concerns to site personnel. The Contractor shall provide for the protection of safety and health of all workers and other authorized persons, including the City and its agents at the jobsite from exposure to potentially hazardous substances.

The Contractor shall be solely responsible for ensuring that all necessary monitoring equipment, protective clothing, and other supplies and equipment up to the appropriate level of protection as defined by WISHA, OSHA, and other applicable guidelines are available to implement the plan. No work shall take place in areas where hazardous substances may potentially be present unless the Site Health and Safety Officer is present and monitoring site conditions.

The Contractor, through the Site Health and Safety Officer, shall not permit any employee, in the performance of the Contract, to work under conditions which are hazardous to the employee. Should violations of the safety and health requirements be called to the Site Health and Safety Officer's attention by the City, its agent, or any authorized representative of a regulator agency, then the Contractor shall immediately correct the identified conditions.

#### **2-17.2(4) Contractor Safety Equipment**

The Contractor shall maintain, at the job site, first-aid and safety equipment applicable to the work as prescribed by the governing safety authorities. All required safety equipment shall be kept in fully operational condition for the duration of the contract.

All personnel shall be trained in the use of the appropriate safety equipment that would be utilized during the course of their work. The Site Health and Safety Officer shall ascertain that the safety equipment is being used when appropriate and/or required.

#### **2-17.2(5) Soil Management Plan**

The Contractor shall submit a detailed plan for management of all excavated soils. The plan shall include excavation, loading, and transporting procedures, dust control procedures, and disposal of contaminated soils.

#### **2-17.3 Construction Requirements**

Construction activities at the site will generate excess soils and possible groundwater associated with the installation of underground utilities. The Contractor shall fully develop and implement a program in accordance with the Health and Safety Plan to ensure worker health and safety and to minimize disruption to construction due to site contamination.

##### **2-17.3(1) Notification**

The Contractor shall notify the Contracting Agency, in writing, at least ten (10) working days prior to the date that excavation operations are to begin and identify the limits of that excavation. Excavation and sampling shall not take place without a designated representative from the Contracting Agency on site.

##### **2-17.3(2) Transportation**

###### **2-17.3(2)A General**

The Contractor shall provide all equipment, personnel, and materials necessary to load and transport waste materials, including contaminated soils and debris, for off-site treatment and/or disposal in accordance with federal, state, and local regulations.

###### **2-17.3(2)B Control of Waste Material**

Vehicles used by the Contractor to transport waste materials shall be properly designed, equipped, and maintained to prevent the loss of materials during transport. The following requirements shall be met for all vehicles transporting waste materials from the site:

1. No soil from the site shall adhere to the outside of the surface of the vehicle (including tires and undercarriage).
2. No liquids shall be leaking or dripping from the vehicles.
3. Any and all waste materials shall be covered with tarpaulin or otherwise completely enclosed to prevent loss of materials from the vehicle during transport.

If leaking or dripping from transport vehicles occurs, the Contracting Agency may direct the Contractor to use liners or other means to prevent dripping and leaking. The Contractor shall implement such measures, as directed by the Contracting Agency, at the Contractor's sole expense.

### **2-17.3(2)C Street Sweeping**

The Contractor shall sweep those streets within the project when truck traffic carries soil from the site into the street. Street sweeping shall be conducted in such a way as to not generate visible dust. Material collected from street sweeping shall be disposed of in a legal manner at an off-site location and be included in the street cleaning bid item.

### **2-17.3(2)D Transportation and Shipping Requirements**

The Contractor shall be responsible for obtaining permits and authorizations necessary to use the selected haul routes. The Contractor shall use United States DOT regulations, 49 CFR 172.101 to identify proper shipping names for each hazardous material (including Dangerous Waste) to be shipped off site. Proper shipping names shall be submitted to the Contracting Agency in the form of draft shipping documents for review and comment.

The Contractor shall ensure that each shipment of material sent off site is accompanied by the appropriate shipping documents. The Contractor shall prepare a bill of lading for each shipment of regulated material which does not require a hazardous waste manifest. The bill of lading shall satisfy the requirements of United States DOT regulations, 49 CFR 172 Subpart C and any applicable state or local law or regulation, and shall be submitted to the Contracting Agency for review. The Contractor shall be responsible for completing the shipping documents and obtaining the signatures of the Contracting Agency as needed.

### **2-17.3(3) Off-site Treatment and Disposal**

The Contractor shall provide documentation of legal disposition including trip tickets and Certificates of Disposal.

### **2-17.4 Measurement**

No specific measurement shall apply to the lump sum item of Site Health and Safety Plan, Site Health and Safety Officer, and Soil Management Plan.

### **2-17.5 Payment**

Payment will be made in accordance with Section 1-04.1 for each of the following Bid Items that are included in the Proposal:

"Site Health and Safety Plan", per lump sum.

"Site Health and Safety Officer", per lump sum.

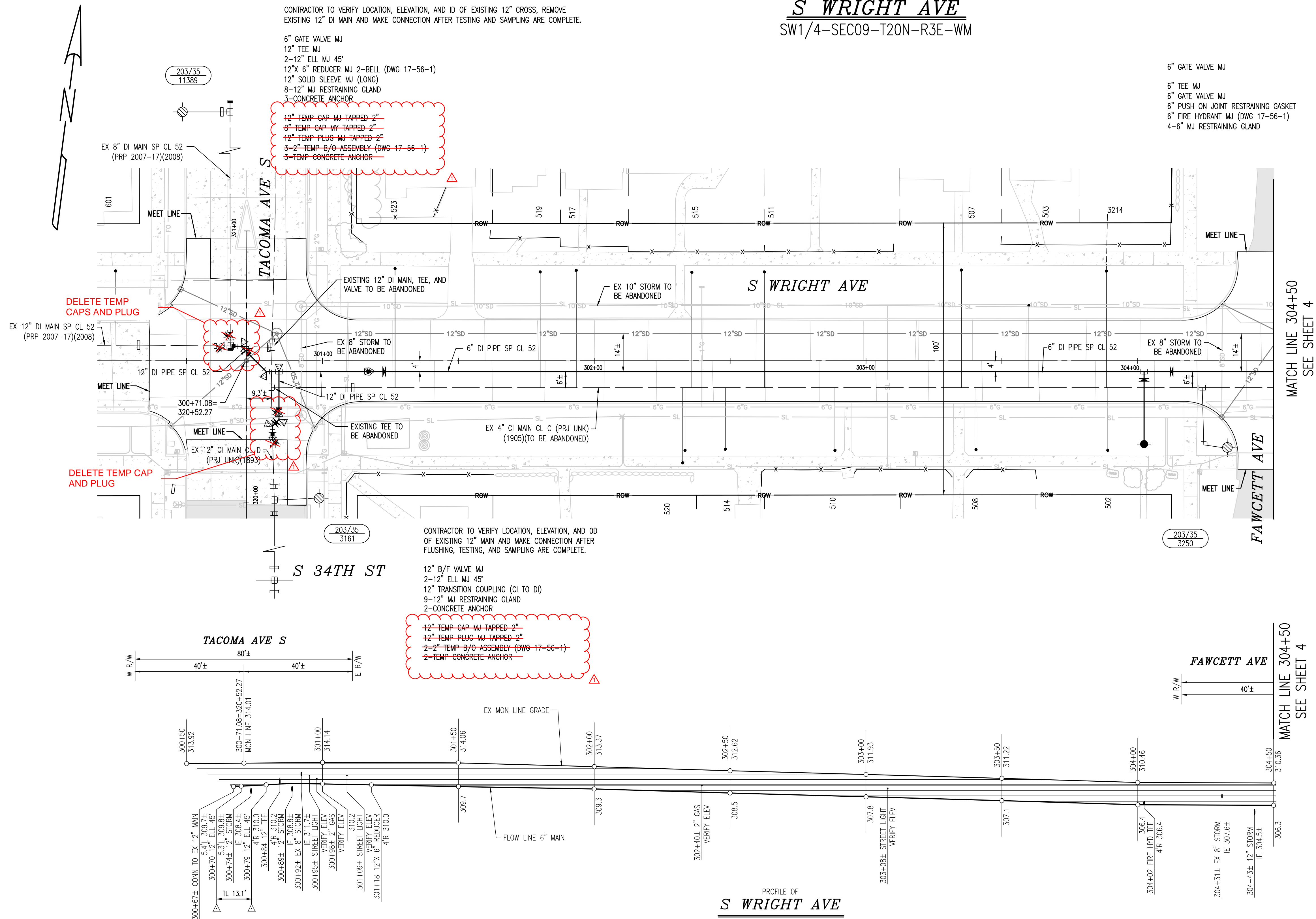
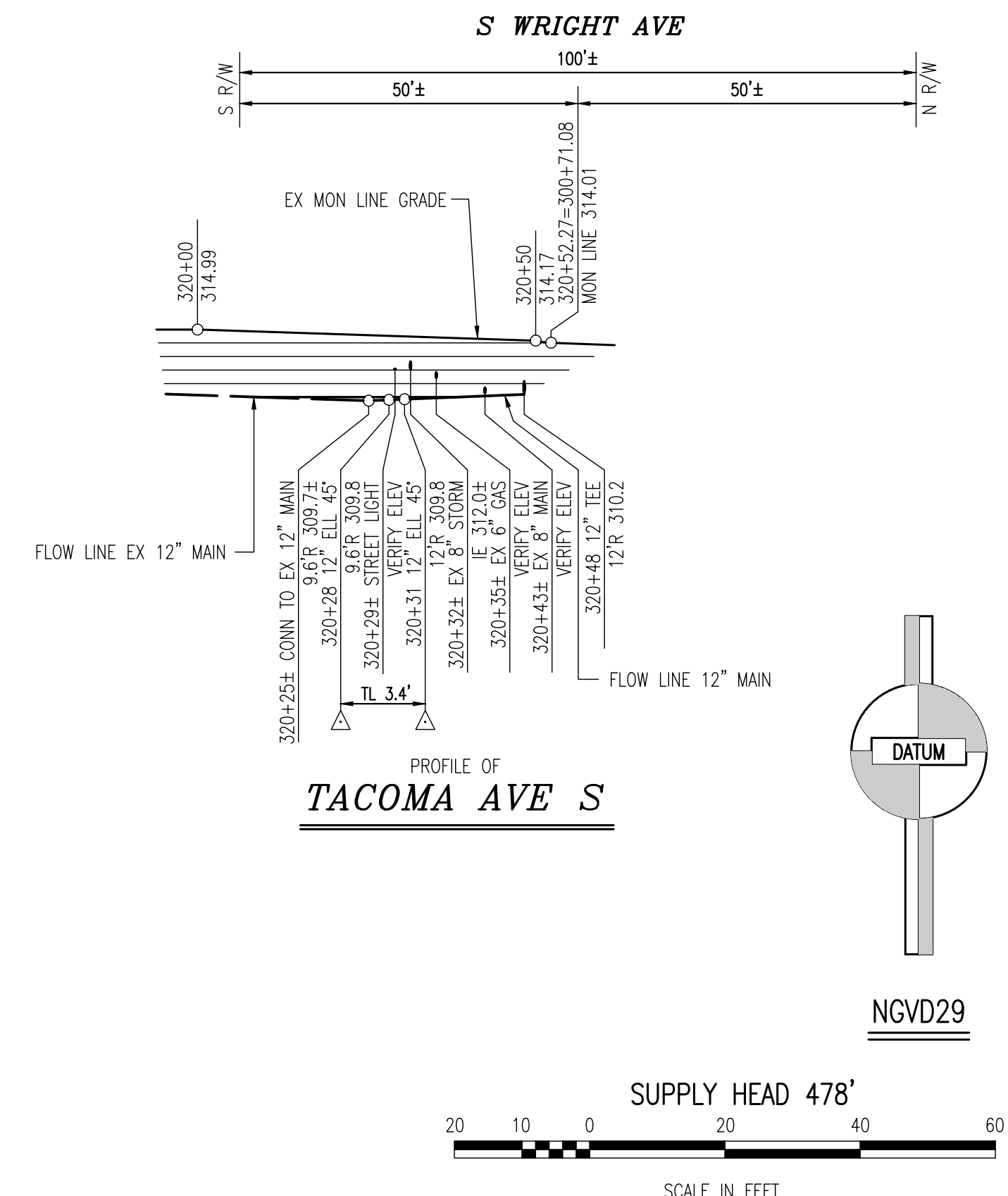
"Soil Management Plan", per lump sum.

Health and safety training, safety equipment and practices, dust control, efficiency losses to other Contract items caused by handling contaminated materials, and other Work required to



comply with this specification not specifically identified in a Bid item shall be considered incidental to the work to comply with this Section and all costs therefore shall be included in the Contract prices for the payment items involved and included in the Proposal.

*S WRIGHT AVE*  
SW1/4-SEC09-T20N-R3E-WM

[illegible]

APPROVED AS TO ALIGNMENT AND GRADE

DATE \_\_\_\_\_

CITY ENGINEER \_\_\_\_\_

**TACOMA WATER**  
TACOMA PUBLIC UTILITIES

**CITY OF TACOMA**  
**DEPARTMENT OF PUBLIC UTILITIES**

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2					
1	ADDENDUM 2	09/25/20	TS	AP	
NO	REVISION	DATE	BY	APP'D	
REFERENCE					

DATE 11/19

DESIGNED RJE

DRAWN RJE

CHECKED BAP

APPROVED

*Ali Poldo*

\_\_\_\_\_  
PLANNING & ENGINEERING DIVISION  
ASSISTANT DIVISION MANAGER

FIELD BOOK

MAP NO.203/35

BLUE BOOK 19

WRS #  
WTR-00604-01-08-01

SURVEYING  
20000088735

ENGINEERING  
20000088735

INSPECTION  
20000088735

SHEET 3 OF 8

SCALE  
HORIZ: 1"=20'  
VERT: 1"=10'

DRAWING NO  
**2019-50**



S WRIGHT AVE

SW1/4-SEC09-T20N-R3E-WM

CONTRACTOR TO VERIFY LOCATION, ELEVATION, AND OD OF EXISTING 6" CI MAIN.  
CONTRACTOR TO CUT AND REMOVE 5 L/F OF EXISTING MAIN AND MAKE CONNECTION  
AFTER FLUSHING, SAMPLING, AND SERVICE CONNECTIONS ARE COMPLETE.

2-6" GATE VALVE MJ  
6" TEE MJ  
2-6" ELL MJ 45'  
2-6" VERTICAL ELL MJ 22-1/2" (DWG 17-56-1)  
6-6" MJ RESTRAINING GLAND  
6" TRANSITION COUPLING W/7" CENTER RING (CI TO DI)  
3-CONCRETE ANCHOR

6" TEE MJ  
6" GATE VALVE MJ  
6" FIRE HYDRANT MJ (DWG 17-56-1)  
4-6" MJ RESTRAINING GLAND  
6" PUSH ON JOINT RESTRAINING GASKET

6" TEMP CAP MJ TAPPED 2"  
~~6" TEMP PLUG MJ TAPPED 2"~~  
~~X-2" TEMP B/O ASSEMBLY (DWG 17-56-1)~~  
~~X-TEMP CONCRETE ANCHOR~~

DELETE TEMP CAP

REPLACE TEMP PLUG  
WITH TEMP CAP

DELETE TEMP CAP  
AND TEMP PLUG

S 34TH ST

$$S \rightarrow D \rightarrow ST$$

*S* PROFILE OF *"D"* *ST*

NGVD29

SUPPLY HEAD 478'

APPROVED AS TO ALIGNMENT AND GRADE

DATE \_\_\_\_\_ CITY ENGINEER \_\_\_\_\_

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NO	REVISION	DATE	BY	APPROVED

NO.	NAME	DATE	ST	PA
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**TACOMA WATER**  
TACOMA PUBLIC UTILITIES

CITY OF TACOMA  
DEPARTMENT OF PUBLIC UTILITIES

MAIN REPLACEMENT PROJECT 2019-50  
WATER MAINS & FIRE HYDRANT FOR  
S WRIGHT AVE  
STA 304+50 TO S "D" ST

DATE	11/19
DESIGNED	RJE
DRAWN	RJE
CHECKED	BAP
WBS # WTR-000604-01-08	SURVEYIN

APPROVED

*Ali Poldo*

PLANNING & ENGINEERING DIVISION  
ASSISTANT DIVISION MANAGER

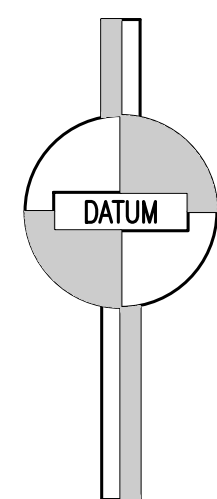
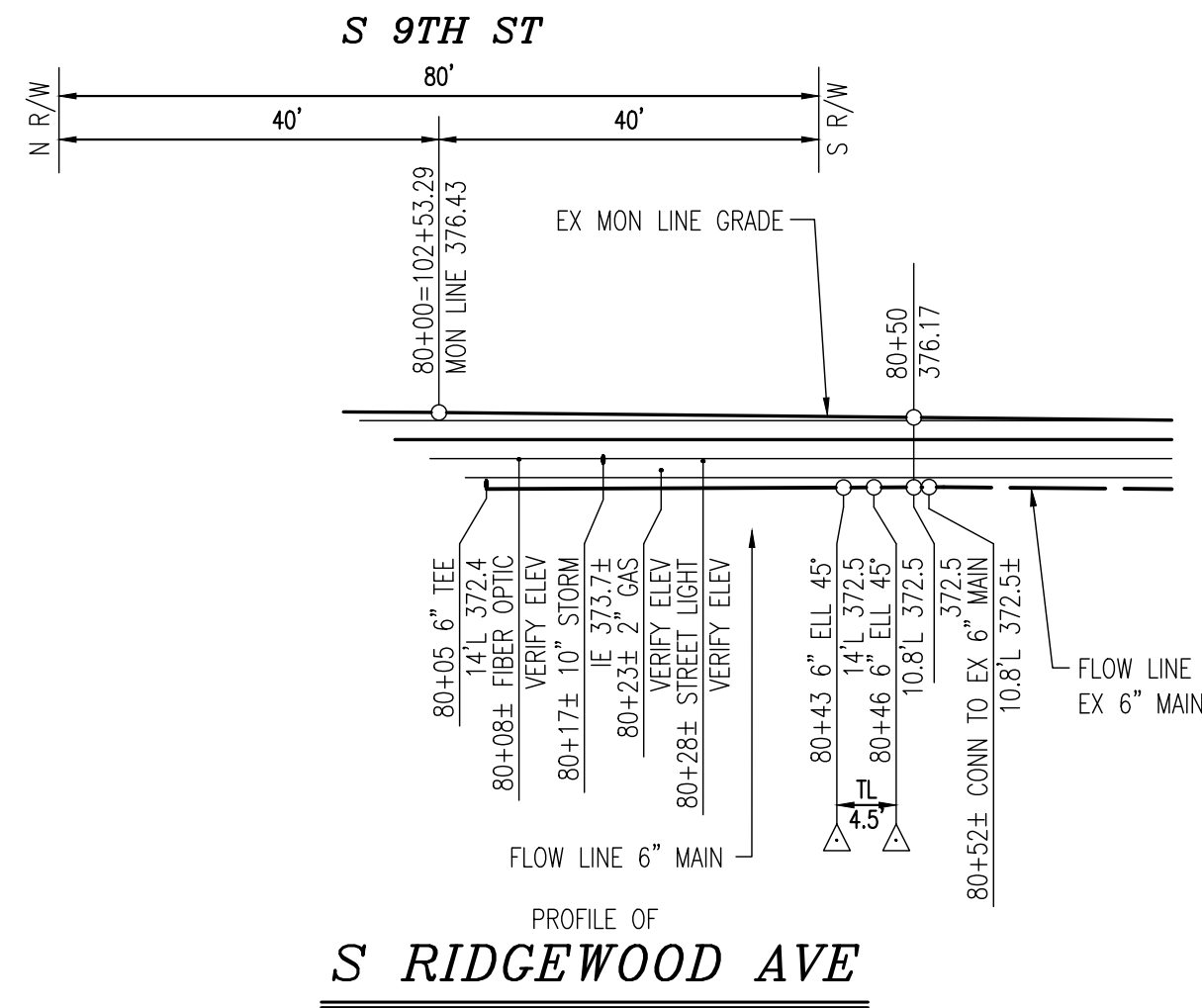
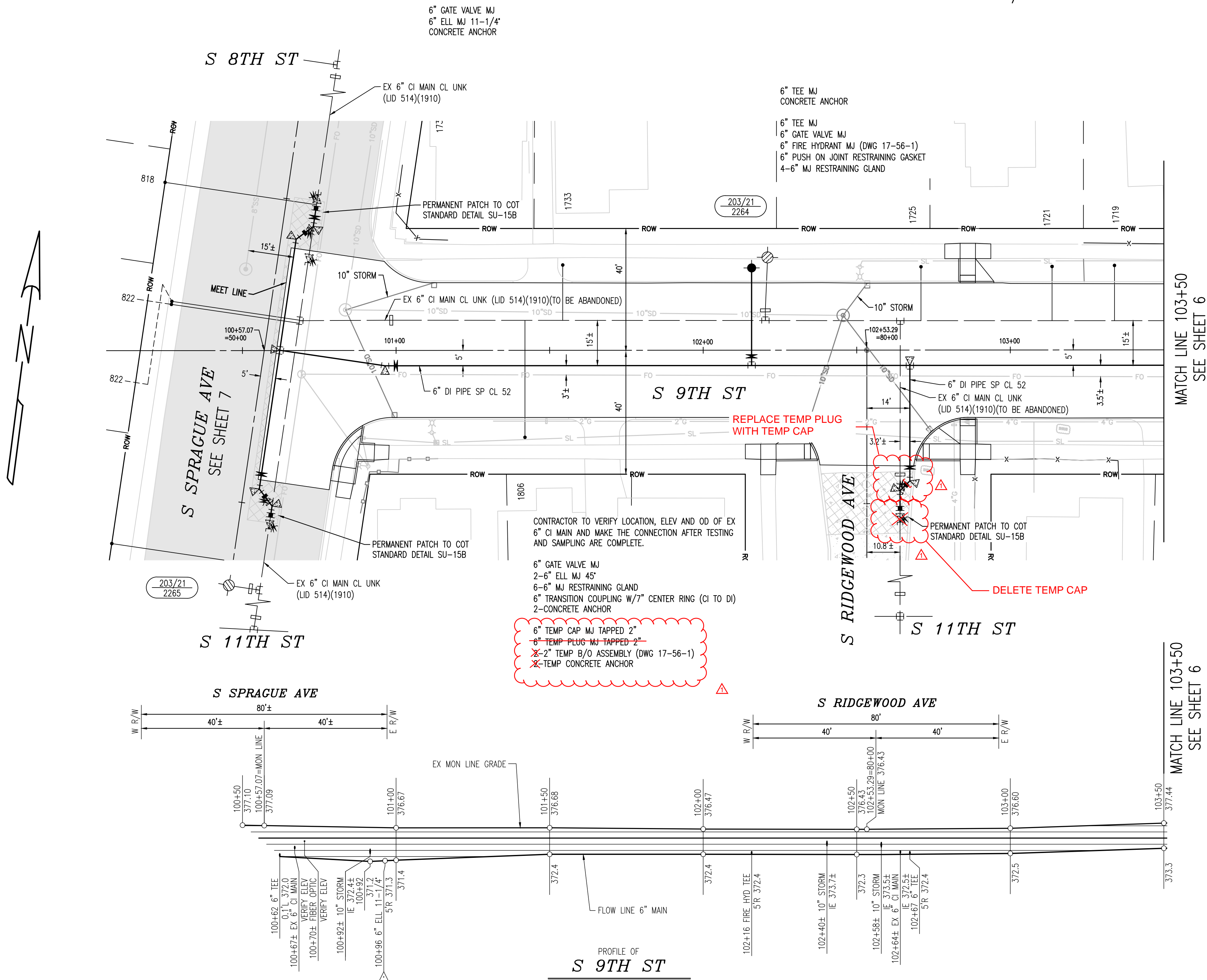
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WBS #	SURVEYIN
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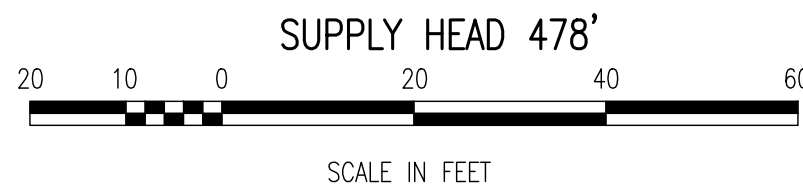
ENGINEERING	INSPECTION
WTR-00604-01-08-01	20000088

35 SHEET 4 OF

S 9TH ST  
NW1/4-SEC05-T20N-R3E-WM



NGVD29



APPROVED AS TO ALIGNMENT AND GRADE

DATE

CITY ENGINEER



CITY OF TACOMA  
DEPARTMENT OF PUBLIC UTILITIES  
WATER DIVISION

MAIN REPLACEMENT PROJECT 2019-50  
WATER MAINS AND FIRE HYDRANTS FOR  
S 9TH ST  
S SPRAGUE AVE TO STA 103+50

3					
2					
1	ADDENDUM 2	09/25/20	TS	AP	
NO	REVISION	DATE	BY	APP'D	
REFERENCE					
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FIELD BOOK	MAP NO. 203/18	BLUE BOOK 14	WBS #	SURVEYING	INSPECTION
			WTR-00604-01-08		20000088735

DATE 11/19	APPROVED	SCALE HORIZ: 1"=20' VERT: 1"=10'
DESIGNED RJE	Ali Polka	DRAWING NO
DRAWN RJE	PLANNING & ENGINEERING DIVISION	2019-50
CHECKED BAP	ASSISTANT DIVISION MANAGER	
WBS #	ENGINEERING	SHEET 5 OF 8
WTR-00604-01-08	WTR-00604-01-08-01	



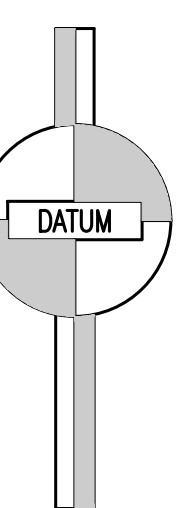
## NW1/4-SEC05-T20N-R3E-WM

PROFILE OF  
*S SPRAGUE AVE*

8TH ST

PROFILE OF  
*S GRANT AVE*


EX 16" CI MAIN CL UNK  
(LID 548)(1910)




NGVD29

SUPPLY HEAD 478'

20    10    0                    20                    40                    60



SCALE IN FEET

DATE	11/19	APPROVED	 PLANNING & ENGINEERING DIVISION ASSISTANT DIVISION MANAGER	SCALE
DESIGNED	RJE			HORIZ: 1" = 20'
DRAWN	RJE			VERT: 1" = 10'
CHECKED	BAP			DRAWING NO.
				2019-5
WBS #	SURVEYING	ENGINEERING	INSPECTION	SHEET
WBS-00604-01-08		WBS-00604-01-08-01	20000088735	7 of 7



N KARL JOHAN AVE

NW1/4-SEC03-T20N-R2E-WM

CONTRACTOR TO VERIFY LOCATION, ELEV AND OD OF EX 16" CI MAIN, ABANDON EXISTING 16"x 6" TEE, 6" VALVE, AND 6" ELL AND MAKE THE CONNECTION AFTER TESTING, SAMPLING, AND SERVICE TRANSFERS ARE COMPLETE.

- 2-16" B/F VALVE MJ
- 6" GATE VALVE MJ
- 16"x 6" TEE MJ
- 6" ELL MJ 22-1/2"
- 3-6" MJ RESTRAINING GLAND
- 8-16" MJ RESTRAINING GLAND
- 2-16" TRANSITION COUPLING (CI TO DI)
- 2-CONCRETE ANCHOR

- 6" TEE MJ
- 6" GATE VALVE MJ
- 6" FIRE HYDRANT MJ (DWG 17-56-1)
- 4-6" MJ RESTRAINING GLAND

- 2-16" TEMP CAP MJ TAPPED 4"
- 2-4" TEMP B/O ASSEMBLY (SEE DETAIL SHEET 2)
- 2-TEMP CONCRETE ANCHOR

EX 6" CI MAIN SP CL 52 (PC 1955)(1955)(TO BE ABANDONED)

CONTRACTOR TO VERIFY LOCATION, ELEV AND OD OF EX 6" CI MAIN AND MAKE THE CONNECTION AFTER TESTING AND SAMPLING ARE COMPLETE.

- 2-6" ELL MJ 45"
- 4-6" MJ RESTRAINING GLAND
- 6" TRANSITION COUPLING W/7" CENTER RING (CI TO DI)
- 2-CONCRETE ANCHOR

- 6" TEMP CAP MJ TAPPED 2"
- 6" TEMP PLUG MJ TAPPED 2"
- 2-2" TEMP B/O ASSEMBLY (DWG 17-56-1)
- 2-TEMP CONCRETE ANCHOR

202/10 42

DELETE TEMP PLUG AND TEMP CAP

PERMANENT PATCH TO COT STANDARD DETAIL SU-15B

TERRACE DR

N SUNSET DR  
S LINDEN LN  
N MOUNTAIN VIEW AVE

202/10 41

EX 16" CI MAIN CL C (LID 5031)(1927)

EX 6" CI MAIN CL 250 (LID 5166)(1948)

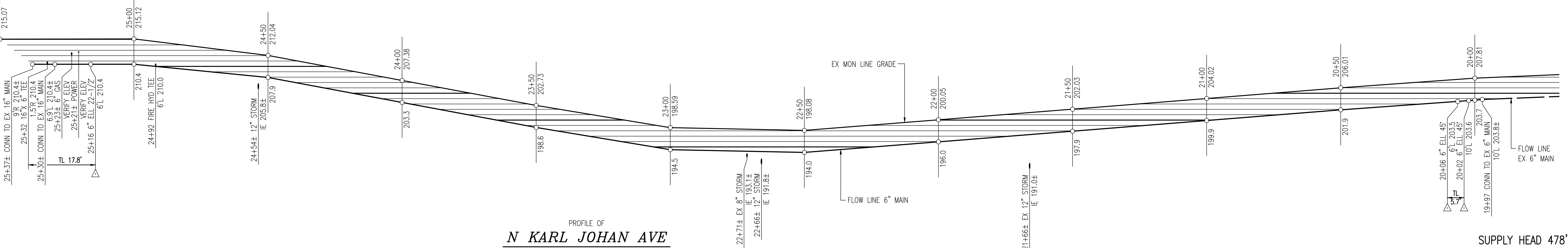
16" DI PIPE SP CL 52  
PERMANENT PATCH TO COT STANDARD DETAIL SU-15A

6TH AVE

EX 16" CI MAIN CL C (LID 5031)(1927)

6TH AVE

6TH AVE  
S R/W 40'±  
80'±  
N R/W 40'±



**BID PROPOSAL**

SPECIFICATION NO. ES20-0001F

STORMWATER & WASTEWATER SEWER REPLACEMENT PROJECT  
 (VARIOUS AREAS): S WRIGHT AVE, N CARR ST,  
 N KARL JOHAN AVE, S 9TH ST, N 12TH ST, N 26TH ST, & S 53RD ST

The undersigned hereby certifies that he/she has examined the location and construction details of work as outlined on the Plans and Specifications for Project Nos. ENV-03031-06, ENV-04022-08, PWK-00438-28, and WTR-00604-01-08, and has read and thoroughly understands the Plans and Specifications and contract governing the work embraced in this improvement and the method by which payment will be made for said work, and hereby proposes to undertake and complete the work embraced in this improvement in accordance with said Plans, Specifications and contract and at the following schedule of rates and prices:

- NOTE: 1. Unit prices of all items, all extensions and total amount of bid should be shown. Show unit prices in figures only.
2. The notations below the item numbers refer to the specification section where information may be found regarding each contract item. These notations are intended only as a guide and are not warranted to refer to all specification sections where information may be found.
3. Washington State Department of Revenue Rules 170 and 171 shall apply as shown in the Proposal and per Section 1-07.2 of the WSDOT State Amendments to the Standard Specifications. **Items marked with a \* signifies both rules may apply.**

**SCHEDULE A: ROADWAY IMPROVEMENTS (Rule 171)**

<u>ITEM NO.</u>	<u>ITEM DESCRIPTION</u>	<u>ESTIMATED QUANTITY</u>	<u>UNIT PRICE</u>	<u>TOTAL AMOUNT</u>
R1.* 1-05	Project Red Line Drawings	1 Lump Sum	Lump Sum	\$ _____
R2.* 1-07	SPCC Plan	1 Lump Sum	Lump Sum	\$ _____
R3.* 1-09	Mobilization	1 Lump Sum	Lump Sum	\$ _____
R4.* 1-10	Project Temporary Traffic Control	1 Lump Sum	Lump Sum	\$ _____

Contractor's Name: \_\_\_\_\_

Specification No. ES20-0001F

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ADDENDUM NO. 2

<u>ITEM NO.</u>	<u>ITEM DESCRIPTION</u>	<u>ESTIMATED QUANTITY</u>	<u>UNIT PRICE</u>	<u>TOTAL AMOUNT</u>
R5.* 1-10	Uniformed Police Officer for Traffic Control	40 Hours	\$ _____	\$ _____
R6. 2-01	Clearing and Grubbing	1 Lump Sum	Lump Sum	\$ _____
R7.* 2-02	Removal and Reinstallation of Existing Fences	Force Account	Estimated	\$ <u>1,500.00</u>
R8. 2-03	Roadway Excavation, Incl. Haul	420 Cu. Yd.	\$ _____	\$ _____
R9. 2-03	Roadway Excavation of Contaminated Material, Incl. Haul	315 Cu. Yd.	\$ _____	\$ _____
R10. 2-03	Gravel Borrow, Incl. Haul	100 Cu. Yd.	\$ _____	\$ _____
R11. 2-13	Remove Tree, Class II	2 Each	\$ _____	\$ _____
R12. 2-13	Stump Grinding, Class II	2 Each	\$ _____	\$ _____
R13. 2-14	Remove Existing Pavement, Type II, Class A4	2,715 Sq. Yd.	\$ _____	\$ _____
R14. 2-14	Remove Existing Pavement, Type II, Class C6	4,020 Sq. Yd.	\$ _____	\$ _____
R15. 2-14	Remove Existing Pavement, Type II, Class CA	320 Sq. Yd.	\$ _____	\$ _____
R16. 2-14	Remove Existing Pavement, Type II, Class H	25 Sq. Yd.	\$ _____	\$ _____
R17. 2-15	Remove Curb and Gutter	2,000 Lin. Ft.	\$ _____	\$ _____
R18. 4-04	Crushed Surfacing Top Course	500 Ton	\$ _____	\$ _____
R19. 4-04	Recycled Conc. Aggregate	1,240 Ton	\$ _____	\$ _____
R20. 5-04	Fiber Reinforced HMA Cl. ½" PG 58H-22	840 Ton	\$ _____	\$ _____

Contractor's Name: \_\_\_\_\_

Specification No. ES20-0001F



ADDENDUM NO. 2

ITEM NO.	ITEM DESCRIPTION	ESTIMATED QUANTITY	UNIT PRICE	TOTAL AMOUNT
R21. 5-04	HMA Cl. ½" PG 58H-22 for Pavement Patch	185 Ton	\$ _____	\$ _____
R22. 5-04	Temporary Pavement Patch	50 Ton	\$ _____	\$ _____
R23. 5-04	Planing Bituminous Pavement	3,600 Sq. Yd.	\$ _____	\$ _____
R24. 5-05	Cement Conc. Pavement, 6-Inch Section	220 Sq. Yd.	\$ _____	\$ _____
R25. 5-05	Cement Conc. Pavement, 8-Inch Section	3,200 Sq. Yd.	\$ _____	\$ _____
R26. 7-05	Adjust Existing Manhole, Furnish New Frame and Cover	5 Each	\$ _____	\$ _____
R27. 7-05	Adjust Existing Catch Basin, Furnish New Frame and Grate	3 Each	\$ _____	\$ _____
R28. 7-05	Adjust Existing Valve Chamber to Grade	8 Each	\$ _____	\$ _____
R29. 7-05	Adjust Existing Utility to Grade	2 Each	\$ _____	\$ _____
R30.* 8-01	Stormwater Pollution Prevention Plan (SWPPP)	1 Lump Sum	Lump Sum	\$ _____
R31.* 8-01	NPDES Construction Stormwater General Permit	1 Lump Sum	Lump Sum	\$ _____
R32.* 8-01	Inlet Protection	67 Each	\$ _____	\$ _____
R33.* 8-01	Street Cleaning	60 Hour	\$ _____	\$ _____
R34.* 8-01	Erosion/Water Pollution Control	Force Account	Estimated	\$ <u>20,000.00</u>
R35.* 8-01	Tree Protection	1 Lump Sum	Lump Sum	\$ _____
R36.* 8-02	Landscape Restoration	Force Account	Estimated	\$ <u>30,000.00</u>

Contractor's Name: \_\_\_\_\_

Specification No. ES20-0001F

ADDENDUM NO. 2

<u>ITEM NO.</u>	<u>ITEM DESCRIPTION</u>	<u>ESTIMATED QUANTITY</u>	<u>UNIT PRICE</u>	<u>TOTAL AMOUNT</u>
R37. 8-02	Plant Selection Type Quercus Frainetto	5 Each	\$ _____	\$ _____
R38. 8-02	Plant Selection Type Phellodendron Lavallei	4 Each	\$ _____	\$ _____
R39. 8-02	Plant Selection Type Juniperus Virginiana	3 Each	\$ _____	\$ _____
R40. 8-02	Plant Selection Type Cornus Kousa	7 Each	\$ _____	\$ _____
R41. 8-02	Plant Selection Type Crataegus Viridis	5 Each	\$ _____	\$ _____
R42. 8-04	Cement Conc. Traffic Curb and Gutter	2,165 Lin. Ft.	\$ _____	\$ _____
R43. 8-05	Brick Gutter Repair	100 Sq. Ft.	\$ _____	\$ _____
R44. 8-06	Cement Conc. Driveway Entrance Type 1	85 Sq. Yd.	\$ _____	\$ _____
R45. 8-09	Raised Pavement Marker Type 2	1 Hundred	\$ _____	\$ _____
R46. 8-13	Poured Monument	6 Each	\$ _____	\$ _____
R47. 8-14	Cement Conc. Sidewalk	170 Sq. Yd.	\$ _____	\$ _____
R48. 8-14	Cement Conc. Curb Ramp	36 Each	\$ _____	\$ _____
R49. 8-20	Intersection Improvements	1 Lump Sum	Lump Sum	\$ _____
R50. 8-21	Permanent Signing	1 Lump Sum	Lump Sum	\$ _____
R51. 8-22	Paint Line	420 Lin. Ft.	\$ _____	\$ _____
R52. 8-22	Painted Wide Lane Line	80 Lin. Ft.	\$ _____	\$ _____

Contractor's Name: \_\_\_\_\_

Specification No. ES20-0001F

ADDENDUM NO. 2

<u>ITEM NO.</u>	<u>ITEM DESCRIPTION</u>	<u>ESTIMATED QUANTITY</u>	<u>UNIT PRICE</u>	<u>TOTAL AMOUNT</u>
R53. 8-22	Plastic Stop Line	25 Lin. Ft.	\$ _____	\$ _____
R54. 8-22	Plastic Crosswalk Line	180 Lin. Ft.	\$ _____	\$ _____
R55. 8-22	Plastic Traffic Arrow	2 Each	\$ _____	\$ _____
R56. 8-22	Plastic Traffic Letter	14 Each	\$ _____	\$ _____

Contractor's Name: \_\_\_\_\_  
Specification No. ES20-0001F  
Page 5 of 15

**SCHEDULE B: STORM SEWER IMPROVEMENTS (Rule 171)**

<u>ITEM NO.</u>	<u>ITEM DESCRIPTION</u>	<u>ESTIMATED QUANTITY</u>	<u>UNIT PRICE</u>	<u>TOTAL AMOUNT</u>
S57. 2-09	Structure Excavation Class B	1,690 Cu. Yd.	\$ _____	\$ _____
S58. 2-09	Shoring or Extra Excavation Class B	10,920 Sq. Ft.	\$ _____	\$ _____
S59. 2-15	Remove Manhole	1 Each	\$ _____	\$ _____
S60. 7-05	Manhole 48-In. Diam. Type 1	9 Each	\$ _____	\$ _____
S61. 7-05	Manhole 48-In. Diam. Type 1 with Beehive Grate	1 Each	\$ _____	\$ _____
S62. 7-05	Catch Basin Type 1	4 Each	\$ _____	\$ _____
S63. 7-05	Catch Basin Type 1 with Combination Inlet	15 Each	\$ _____	\$ _____
S64. 7-05	30-In. x 60-In. Type BB Curb Inlet	1 Each	\$ _____	\$ _____
S65. 7-05	Abandon Existing Manhole	1 Each	\$ _____	\$ _____
S66. 7-05	Connect New Sewer Pipe 10-In. Diam. to Existing Structure	3 Each	\$ _____	\$ _____
S67. 7-05	Reconnect Existing Sewer Pipe 6-In. Diam. to New Structure	1 Each	\$ _____	\$ _____
S68. 7-05	Reconnect Existing Sewer Pipe 8-In. Diam. to New Structure	2 Each	\$ _____	\$ _____
S69. 7-05	Reconnect Existing Sewer Pipe 10-In. Diam. to New Structure	1 Each	\$ _____	\$ _____
S70. 7-05	Reconnect Existing Sewer Pipe 18-In. Diam. to New Structure	2 Each	\$ _____	\$ _____
S71. 7-08	Plugging Existing Pipe	22 Each	\$ _____	\$ _____

Contractor's Name: \_\_\_\_\_

Specification No. ES20-0001F

ADDENDUM NO. 2

<u>ITEM NO.</u>	<u>ITEM DESCRIPTION</u>	<u>ESTIMATED QUANTITY</u>	<u>UNIT PRICE</u>	<u>TOTAL AMOUNT</u>
S72. 7-08	CDF for Pipe Abandonment	70 Cu. Yd.	\$ _____	\$ _____
S73. 7-08	Underground Utility Potholing	4 Each	\$ _____	\$ _____
S74. 7-08	Temporary Storm Sewer Bypass Plan	1 Lump Sum	Lump Sum	\$ _____
S75. 7-08	Temporary Storm Sewer Bypass	1 Lump Sum	Lump Sum	\$ _____
S76. 7-17	PVC Storm Sewer Pipe 8-In. Diam.	10 Lin. Ft.	\$ _____	\$ _____
S77. 7-17	PVC Storm Sewer Pipe 12-In. Diam.	1,415 Lin. Ft.	\$ _____	\$ _____
S78. 7-17	PVC Storm Sewer Pipe 18-In. Diam.	110 Lin. Ft.	\$ _____	\$ _____
S79. 7-17	Ductile Iron Sewer Pipe 10-In. Diam.	340 Lin. Ft.	\$ _____	\$ _____
S80. 7-17	Removal and Replacement of Unsuitable Material	1,310 Cu. Yd.	\$ _____	\$ _____
S81. 7-17	Removal and Replacement of Unsuitable Contaminated Material, Incl. Haul	130 Cu. Yd.	\$ _____	\$ _____
S82. 7-17	Testing Sewer Pipe	1,875 Lin. Ft.	\$ _____	\$ _____

Contractor's Name: \_\_\_\_\_  
Specification No. ES20-0001F  
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**SCHEDULE C: WASTEWATER SEWER IMPROVEMENTS (Rule 170)**

<u>ITEM NO.</u>	<u>ITEM DESCRIPTION</u>	<u>ESTIMATED QUANTITY</u>	<u>UNIT PRICE</u>	<u>TOTAL AMOUNT</u>
WW83. 2-09	Structure Excavation Class B	1,010 Cu. Yd.	\$ _____	\$ _____
WW84. 2-09	Shoring or Extra Excavation Class B	7,530 Sq. Ft.	\$ _____	\$ _____
WW85. 2-15	Remove Catch Basin	1 Each	\$ _____	\$ _____
WW86. 2-17	Site Health and Safety Plan	1 Lump Sum	Lump Sum	\$ _____
WW87. 2-17	Site Health and Safety Officer	1 Lump Sum	Lump Sum	\$ _____
WW88. 2-17	Soil Management Plan	1 Lump Sum	Lump Sum	\$ _____
WW89. 7-05	Manhole 48-In. Diam. Type 1	8 Each	\$ _____	\$ _____
WW90. 7-05	Manhole Additional Height 48-In. Diam. Type 1	1 Lin. Ft.	\$ _____	\$ _____
WW91. 7-05	Catch Basin Type 1	1 Each	\$ _____	\$ _____
WW92. 7-05	Reconnect Existing Sewer Pipe 8-In. Diam. to New Structure	4 Each	\$ _____	\$ _____
WW93. 7-08	Plugging Existing Pipe	11 Each	\$ _____	\$ _____
WW94. 7-08	CDF for Pipe Abandonment	20 Cu. Yd.	\$ _____	\$ _____
WW95. 7-08	Underground Utility Potholing	2 Each	\$ _____	\$ _____
WW96. 7-08	Temporary Sanitary Sewer Bypass Plan	1 Lump Sum	Lump Sum	\$ _____
WW97. 7-08	Temporary Sanitary Sewer Bypass	1 Lump Sum	Lump Sum	\$ _____

Contractor's Name: \_\_\_\_\_

Specification No. ES20-0001F

ADDENDUM NO. 2

<u>ITEM NO.</u>	<u>ITEM DESCRIPTION</u>	<u>ESTIMATED QUANTITY</u>	<u>UNIT PRICE</u>	<u>TOTAL AMOUNT</u>
WW98. 7-17	PVC C900 Sanitary Sewer Pipe 6-In. Diam.	20 Lin. Ft.	\$ _____	\$ _____
WW99. 7-17	PVC C900 Sanitary Sewer Pipe 8-In. Diam.	75 Lin. Ft.	\$ _____	\$ _____
WW100. 7-17	PVC Sanitary Sewer Pipe 6-In. Diam.	280 Lin. Ft.	\$ _____	\$ _____
WW101. 7-17	PVC Sanitary Sewer Pipe 8-In. Diam.	660 Lin. Ft.	\$ _____	\$ _____
WW102. 7-17	Ductile Iron Sewer Pipe 10-In. Diam.	50 Lin. Ft.	\$ _____	\$ _____
WW103. 7-17	Removal and Replacement of Unsuitable Material	790 Cu. Yd.	\$ _____	\$ _____
WW104. 7-17	Removal and Replacement of Unsuitable Contaminated Material, Incl. Haul	50 Cu. Yd.	\$ _____	\$ _____
WW105. 7-17	Testing Sewer Pipe	710 Lin. Ft.	\$ _____	\$ _____
WW106. 7-19	Sewer Cleanout	20 Each	\$ _____	\$ _____

Contractor's Name: \_\_\_\_\_

Specification No. ES20-0001F

**SCHEDULE D: WATER MAIN IMPROVEMENTS (Rule 170)**

<u>ITEM NO.</u>	<u>ITEM DESCRIPTION</u>	<u>ESTIMATED QUANTITY</u>	<u>UNIT PRICE</u>	<u>TOTAL AMOUNT</u>
W107. 1-09	Mobilization	1 Lump Sum	Lump Sum	\$ _____
W108. 2-02	Removal and disposal of existing pavement, sidewalks, curbs, and gutters includes all thicknesses & combinations	889 Sq. Yd.	\$ _____	\$ _____
W109. 5-04	Temporary HMA CI ½" PG58-22, 2-inch minimum depth, installed & removed	850 Sq. Yd.	\$ _____	\$ _____
W110. 5-04	HMA CI ½" PG58-22 pavement for permanent trench patch	3 Ton	\$ _____	\$ _____
W111. 5-05	Cement Conc. Pavement, CI. 4000	29 Cu. Yd.	\$ _____	\$ _____
W112. 7-09	Crushed Surfacing Top Course for trench backfill per section 9-03.9(3) of the 2020 WSDOT Standard Specifications	2,286 Ton	\$ _____	\$ _____
W113. 7-04	Storm, Sanitary, and Side Sewer Restoration	7 Each	\$ _____	\$ _____
W114. 7-09	Trench Excavation & Disposal	1,114 Cu. Yd.	\$ _____	\$ _____
W115. 7-09	Trench Shoring	2,552 Lin. Ft.	\$ _____	\$ _____
W116. 7-09	16-inch Ductile Iron Pipe, Push-On Joint, ANSI/AWWA, C151, Special Class Thickness No. 52, to furnish, lay and test	84 Lin. Ft.	\$ _____	\$ _____
W117. 7-09	12-inch Ductile Iron Pipe, Push-On Joint, ANSI/AWWA, C151, Special Class Thickness No. 52, to furnish, lay and test	51 Lin. Ft.	\$ _____	\$ _____

Contractor's Name: \_\_\_\_\_

Specification No. ES20-0001F



ADDENDUM NO. 2

<u>ITEM NO.</u>	<u>ITEM DESCRIPTION</u>	<u>ESTIMATED QUANTITY</u>	<u>UNIT PRICE</u>	<u>TOTAL AMOUNT</u>
W118. 7-09	8-inch Ductile Iron Pipe, Push-On Joint, ANSI/AWWA, C151, Special Class Thickness No. 52, to furnish, lay and test	3 Lin. Ft.	\$ _____	\$ _____
W119. 7-09	6-inch Ductile Iron Pipe, Push-On Joint, ANSI/AWWA, C151, Special Class Thickness No. 52, to furnish, lay and test	2,415 Lin. Ft.	\$ _____	\$ _____
W120. 7-09	12-inch x 6-inch Ductile Iron Reducer, 2-B, M.J., w/ anchor, installed	1 Each	\$ _____	\$ _____
W121. 7-09	8-inch x 6-inch Ductile Iron Reducer, 2-B, M.J., w/ anchor, installed	1 Each	\$ _____	\$ _____
W122. 7-09	16-inch x 6-inch Ductile Iron Tee, 3-B, M.J., installed	2 Each	\$ _____	\$ _____
W123. 7-09	12-inch Ductile Iron Tee, 3-B, M.J., installed	1 Each	\$ _____	\$ _____
W124. 7-09	6-inch Ductile Iron Tee, 3-B, M.J., installed	8 Each	\$ _____	\$ _____
W125. 7-09	16-inch Ductile Iron Ell, M.J., 22 1/2°, installed	2 Each	\$ _____	\$ _____
W126. 7-09	16-inch Ductile Iron Ell, M.J., 45°, installed	2 Each	\$ _____	\$ _____
W127. 7-09	12-inch Ductile Iron Ell, M.J., 45°, installed	4 Each	\$ _____	\$ _____
W128. 7-09	6-inch Ductile Iron Ell, M.J., 45°, installed	14 Each	\$ _____	\$ _____
W129. 7-09	6-inch Ductile Iron Ell, M.J., 22 1/2°, installed	2 Each	\$ _____	\$ _____
W130. 7-09	6-inch Ductile Iron Vertical Ell, M.J., 22 1/2°, installed	2 Each	\$ _____	\$ _____

Contractor's Name: \_\_\_\_\_

Specification No. ES20-0001F

ADDENDUM NO. 2

<u>ITEM NO.</u>	<u>ITEM DESCRIPTION</u>	<u>ESTIMATED QUANTITY</u>	<u>UNIT PRICE</u>	<u>TOTAL AMOUNT</u>
W131. 7-09	12-inch Ductile Iron Solid Sleeve (Long Pattern) M.J., installed	1 Each	\$ _____	\$ _____
W132. 7-09	16-inch Transition Coupling with 7-inch center ring, epoxy coating, and stainless steel bolts, C.I. to D.I., installed	4 Each	\$ _____	\$ _____
W133. 7-09	12-inch Transition Coupling with 7-inch center ring, epoxy coating, and stainless steel bolts, C.I. to D.I., installed	1 Each	\$ _____	\$ _____
W134. 7-09	8-inch Transition Coupling with 7-inch center ring, epoxy coating, and stainless steel bolts, C.I. to D.I., installed	1 Each	\$ _____	\$ _____
W135. 7-09	6-inch Transition Coupling with 7-inch center ring, epoxy coating, and stainless steel bolts, C.I. to D.I., installed	5 Each	\$ _____	\$ _____
W136. 7-09	16-inch Ductile Iron Cap, M.J., tapped 4", installed and removed	4 Each	\$ _____	\$ _____
W137. 7-09	6-inch Ductile Iron Cap, M.J., tapped 2", installed and removed	6 Each	\$ _____	\$ _____
W138. 7-09	Temporary 2-inch Blow-Off Assembly, installed and removed (Dwg. 17-56-1)	6 Each	\$ _____	\$ _____
W139. 7-09	Temporary 4-inch Blow-Off Assembly, installed and removed (Dwg. 17-56-1)	1 Each	\$ _____	\$ _____
W140. 7-09	6-inch Mechanical Joint Restraining Glands, installed	67 Each	\$ _____	\$ _____
W141. 7-09	8-inch Mechanical Joint Restraining Glands, installed	3 Each	\$ _____	\$ _____

Contractor's Name: \_\_\_\_\_

Specification No. ES20-0001F

ADDENDUM NO. 2

<u>ITEM NO.</u>	<u>ITEM DESCRIPTION</u>	<u>ESTIMATED QUANTITY</u>	<u>UNIT PRICE</u>	<u>TOTAL AMOUNT</u>
W142. 7-09	12-inch Mechanical Joint Restraining Glands, installed	17 Each	\$ _____	\$ _____
W143. 7-09	16-inch Mechanical Joint Restraining Glands, installed	12 Each	\$ _____	\$ _____
W144. 7-09	6-inch Push on Joint Restraining Gasket, installed	2 Each	\$ _____	\$ _____
W145. 7-09	Concrete Thrust Anchor, installed	30 Each	\$ _____	\$ _____
W146. 7-09	Temporary Concrete Thrust Anchor, installed and removed	8 Each	\$ _____	\$ _____
W147. 7-09	Removal and disposal of abandoned C.I. pipe, all sizes	60 Lin. Ft.	\$ _____	\$ _____
W148. 7-09	Trench Compaction Test (as directed by the Inspector)	46 Each	\$ _____	\$ _____
W149. 7-09	Test Holes	1 Lump Sum	Lump Sum	\$ _____
W150. 7-12	16-inch B/F Valve, M.J., ANSI/AWWA, C504 with C.I. Valve Box, installed	4 Each	\$ _____	\$ _____
W151. 7-12	12-inch B/F Valve, M.J., ANSI/AWWA, C504 with C.I. Valve Box, installed	1 Each	\$ _____	\$ _____
W152. 7-12	6-inch Gate Valve, M.J., ANSI/AWWA, C509/515, with C.I. Valve Box , installed	15 Each	\$ _____	\$ _____
W153. 7-14	6-inch Hydrant, M.J., 4.5-ft bury, with 4-inch Tacoma Standard Threads & 5-inch Quick Coupling	3 Each	\$ _____	\$ _____
W154. 7-14	6-inch Hydrant, M.J., 5.0-ft bury, with 4-inch Tacoma Standard Threads & 5-inch Quick Coupling	1 Each	\$ _____	\$ _____

Contractor's Name: \_\_\_\_\_

Specification No. ES20-0001F

ADDENDUM NO. 2

<u>ITEM NO.</u>	<u>ITEM DESCRIPTION</u>	<u>ESTIMATED QUANTITY</u>	<u>UNIT PRICE</u>	<u>TOTAL AMOUNT</u>
W155. 8-01	Street cleaning with Self-propelled pickup and vacuum street sweeper equipment	33 Hours	\$ _____	\$ _____
W156. 1-09	Force Account	Force Account	Estimated	\$ <u>60,000.00</u>
W157. 2-17	Trench Excavation & Disposal of Contaminated Materials, Incl. Haul to LRI	295 Cu. Yd.	\$ _____	\$ _____

Contractor's Name: \_\_\_\_\_  
Specification No. ES20-0001F  
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**SCHEDULE A: ROADWAY IMPROVEMENTS (R) (Rule 171)**

Base Bid (Subtotal Items Nos. R1 – R56) \$ \_\_\_\_\_ (1)

**ROADWAY IMPROVEMENTS TOTAL** \$ \_\_\_\_\_ (2)

**SCHEDULE B: STORM SEWER IMPROVEMENTS (S) (Rule 171)**

Base Bid (Subtotal Items Nos. S57 – S82) \$ \_\_\_\_\_ (3)

**STORM SEWER IMPROVEMENTS TOTAL** \$ \_\_\_\_\_ (4)

**SCHEDULE C: WASTEWATER SEWER IMPROVEMENTS (WW) (Rule 170)**

Base Bid (Subtotal Items Nos. WW83 – WW106) \$ \_\_\_\_\_ (5)

10.2% Sales Tax (Items Nos. WW83 – WW106) \$ \_\_\_\_\_ (6)

**WASTEWATER SEWER IMPROVEMENTS TOTAL** \$ \_\_\_\_\_ (7)

**SCHEDULE D: WATER MAIN IMPROVEMENTS (W) (Rule 170)**

Base Bid (Subtotal Items Nos. W107 – W157) \$ \_\_\_\_\_ (8)

10.2% Sales Tax (Items Nos. W107 – W157) \$ \_\_\_\_\_ (9)

**WATER MAIN IMPROVEMENTS TOTAL** \$ \_\_\_\_\_ (10)

**TOTAL BASE BID (1) + (3) + (5) + (8)** \$ \_\_\_\_\_  
**(not including sales tax) Rule 170**



**City of Tacoma**  
**Environmental Services Department**  
**Stormwater & Wastewater Sewer Replacement Project**  
**(Various Areas): S Wright Ave, N Carr St, N Karl Johan Ave, S**  
**9th St, N 12th St, N 26th St, & S 53rd St**  
**RFB Specification No. ES20-0001F**  
**QUESTIONS and ANSWERS No. 2**

All interested parties had the opportunity to submit questions at the pre-bid meeting September 21, 2020, and in writing by email to Tina Eide. The answers to the questions received are provided below and posted to the City's website at [www.TacomaPurchasing.org](http://www.TacomaPurchasing.org): Navigate to *Current Contracting Opportunities / Public Works and Improvements*, and then click *Questions and Answers* for this Specification. This information IS NOT considered an addendum. Respondents should consider this information when submitting their proposals.

**Question 1:** In reviewing the bid documents and specifications, there are contaminated soils identified for removal and replacement under several of the schedules. Schedule A, Schedule B and Schedule C all have bid items for dealing with contaminated soils removal and replacement, but Schedule D doesn't even though the water main is in the same alignment as the other work. Was this an oversight by the City and will an addendum be issued to address the contaminated soils associated with the Schedule D work?

Answer 1: See Addendum No 2.

**Question 2:** I was hoping you would be able to help me locate the tree sizes for item # R-37 thru R-41?

Answer 2: Refer to the tree schedules on sheets 24 and 33 of the Plans for tree sizes.

**Question 3:** I just stared with the valves and for bid item #W150-16" butterfly valves you are asking for 2 but on sheet 7 there are 2 and sheet 8 there are 2 for 4 total. For bid item #W152-6" valves you are asking for 15 and on sheet 3 -2, sheet 4 - 4, sheet 5 - 3, sheet 6 - 1, sheet 7 -2, and sheet 8 - 2 for a total of 14. I found some quantity differences between the plan call outs and the proposal for the tapped caps and temporary blow off assemblies.

SHEET #3

12"x2" caps I found 2

8"x2" caps I found 2

12"x2" plug I found 1

2" temp blow offs I found 5

SHEET #4

8"x2" cap I found 1

8"x2" plug I found 1

6"x2" cap I found 1  
 6"x2" plug I found 1  
 2" temp blow offs I found 4  
 SHEET #5  
 6"x2" cap I found 1  
 6"x2" plug I found 1  
 2" temp blow offs I found 2  
 SHEET #7  
 6"x2" cap I found 2  
 6"x2" plug I found 2  
 2" temp blow offs I found 4  
 16"x4" cap I found 2  
 16"x4" plug I found 2  
 4" temp blow offs I found 4  
 SHEET #8  
 6"x2" cap I found 1  
 6"x2" plug I found 1  
 2" temp blow offs I found 2  
 16"x4" cap I found 2  
 4" blow offs I found 2  
 Bid item W136 is asking for 1 - 16"x4" tapped cap.  
 Bid item W137 is asking for 6 - 6"x6" cap.

**Answer 3:** See Addendum No 2.

**Question 4:** I was wondering if there was a planholder list for the above project? If so, could I get a copy?

**Answer 4:** The plan holder list is available on the ARC website. <https://www.e-arc.com/location/tacoma/>

**Question 5:** Is the EIC of 21% a requirement or a goal?

**Answer 5:** EIC objectives are required. Each objective for MBE, WBE, and SBE must be met separately. For more information, refer to the program regulations in PART IV of the Special Provisions or contact Clifford Armstrong at (253) 591-5826.

