



**2021 CMOM PACKAGE 2A (CIPP)
Solicitation Number: CO-00684
Job No.: 23-4513**

**ADDENDUM 1
January 31, 2024**

To Bidder of Record:

This addendum, applicable to work referenced above, is an amendment to the bid proposal, plans and specifications and as such will be a part of and included in the Contract Documents. Acknowledge receipt of this addendum by entering the Addendum number and issue date on the space provided in submitted copies of the bid proposal.

RESPONSES TO QUESTIONS

1. Are the point repairs excavated or trenchless?

Response: Point repairs are anticipated be excavated. Please refer to SAWS Standard Specification Item 1103 Point Repairs and Obstruction Removals.

2. CIPP standard specification section 901.4-3.e.6 requires a soil modulus of 500 psi be used in the CIPP thickness designs, but this soil modulus is overly conservative and will produce CIPP thicknesses that are thicker than needed, which will increase the difficulty of installation and overall project cost. On previous projects, this section has been replaced with language saying the Contractor was allowed to submit calculations signed and sealed by a Texas Professional Engineer utilizing other values for soil modulus so long as those values were part of the sealed calculations, the calculation method complied with ASTM F1216, and the soil modulus utilized did not exceed 1,000 psi. Please confirm that the Contractor will again be allowed to use values other than 500 psi for the soil modulus on this project.

Response: See Changes to The Specifications #5 included with this Addendum.

3. Will soil borings and testing at each site be required to use a 1,000 psi soil modulus for CIPP designs or will a TX PE engineers stamped CIPP design be sufficient?

Response: See response to Question 2.

4. Can you provide the Rim & Invert elevations for MH 7246 & 13526 so that the CIPP designs can be calculated?

Response: Revised plan sheets 10 and 39 are attached to this Addendum. Please see Changes to The Plans Numbers 1 and 2.

CHANGES TO THE SPECIFICATIONS

1. BUILDING WAGE DECISION, remove in its entirety and replace with the revised version attached to this Addendum. This version should be referenced by the Bidders for this project.

2. Remove the Special Conditions (SC-1 to SC-6) in its entirety and replace with the attached SC-1 to SC-7. The following items were updated:

- a. Added coordination requirements with SAWS Job No 22-4509 (by others) to Worksite 3, Worksite 4, and Worksite 6.

3. Remove Special Provision to Technical Specifications (SPTS-1) in its entirety and replace with the attached SPTS-1. The following items were updated:
 - a. Modified cover sheet SPTS-1 to add Item 299.
4. Add the following item to the Special Provisions to Technical Specifications.
 - a. Special Provision to SAWS Standard Construction Specification Item 299 Flowable Fill.
5. Remove Special Provision to SAWS Standard Construction Specification Item 901 Rehabilitation of Sanitary Sewer by Cured-In-Place Pipe (Hot Water) in its entirety and replace with the attached Special Provision to SAWS Standard Construction Specification Item 901 Rehabilitation of Sanitary Sewer by Cured-In-Place Pipe (Hot Water). The following items were updated:
 - a. Added clarification on allowable soil modulus.

CHANGES TO THE PLANS

1. Sheet 10 – Replace plan sheet 10 dated 1/5/2024 with attached sheet 10 dated 1/24/2024.
2. Sheet 39 – Replace plan sheet 39 dated 1/5/2024 with attached sheet 10 dated 1/26/2024.

END OF ADDENDUM

This Addendum, including these two (2) pages, is 21 pages with attachments in its entirety.

- Attachments:
- General Wage Decision Number TX20240231 (Rev. 01/12/2024) (7 pages)
 - Special Conditions SC-1 to SC-7 (7 pages)
 - Special Provisions to Technical Specifications SPTS-1 (1 page)
 - Special Provision to SAWS Standard Construction Specification Item 299 (1 page)
 - Special Provision to SAWS Standard Construction Specification Item 901 (1 page)
 - Plan Sheet 10 (1 page)
 - Plan Sheet 39 (1 page)




 Michael Persyn
 K Friese + Associates

"General Decision Number: TX20240231 01/12/2024

Superseded General Decision Number: TX20230231

State: Texas

Construction Type: Building

County: Bexar County in Texas.

BUILDING CONSTRUCTION PROJECTS (does not include single family homes or apartments up to and including 4 stories).

Note: Contracts subject to the Davis-Bacon Act are generally required to pay at least the applicable minimum wage rate required under Executive Order 14026 or Executive Order 13658. Please note that these Executive Orders apply to covered contracts entered into by the federal government that are subject to the Davis-Bacon Act itself, but do not apply to contracts subject only to the Davis-Bacon Related Acts, including those set forth at 29 CFR 5.1(a)(1).

If the contract is entered into on or after January 30, 2022, or the contract is renewed or extended (e.g., an option is exercised) on or after January 30, 2022: Executive Order 14026 generally applies to the contract. The contractor must pay all covered workers at least \$17.20 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract in 2024.

If the contract was awarded on or between January 1, 2015 and January 29, 2022, and the contract is not renewed or extended on or after January 30, 2022: Executive Order 13658 generally applies to the contract. The contractor must pay all covered workers at least \$12.90 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on that contract in 2024.

The applicable Executive Order minimum wage rate will be adjusted annually. If this contract is covered by one of the Executive Orders and a classification considered necessary for performance of work on the contract does not appear on this wage determination, the contractor must still submit a conformance request.

Additional information on contractor requirements and worker protections under the Executive Orders is available at <http://www.dol.gov/whd/govcontracts>.

Modification Number	Publication Date
0	01/05/2024
1	01/12/2024

ASBE0087-014 06/04/2023

Rates Fringes

ASBESTOS WORKER/HEAT & FROST
INSULATOR (Duct, Pipe and
Mechanical System Insulation)....\$ 28.95 8.39

BOIL0074-003 07/01/2023

Rates Fringes

BOILERMAKER.....\$ 37.00 24.64

ELEC0060-003 06/05/2023

Rates Fringes

ELECTRICIAN (Communication
Technician Only).....\$ 33.00 18%+5.45

ELEC0060-004 06/05/2023

Rates Fringes

ELECTRICIAN (Excludes Low
Voltage Wiring).....\$ 33.00 18%+5.45

ELEV0081-001 01/01/2023

Rates Fringes

ELEVATOR MECHANIC.....\$ 46.83 37.335+a+b

FOOTNOTES:

a. 6% under 5 years based on regular hourly rate for all hours worked. 8% over 5 years based on regular hourly rate for all hours worked.

b. Holidays: New Year's Day; Memorial Day; Independence Day; Labor Day; Thanksgiving Day; Friday after Thanksgiving Day; Christmas Day; and Veterans Day.

ENGI0450-002 04/01/2014

Rates Fringes

POWER EQUIPMENT OPERATOR
Cranes.....\$ 34.85 9.85

IRON0066-013 06/01/2023

Rates Fringes

IRONWORKER, STRUCTURAL.....\$ 26.00 7.53

IRON0084-011 06/01/2023

Rates Fringes

IRONWORKER, ORNAMENTAL.....\$ 27.51 8.13

PLUM0142-009 07/01/2023

	Rates	Fringes
HVAC MECHANIC (Electrical Temperature Control Installation & Unit Installation Only).....	\$ 35.95	11.25
PIPEFITTER (Including HVAC Pipe Installation).....	\$ 35.95	11.25
Including HVAC Pipe Installation PLUMBER.....	\$ 35.95	11.25
Excludes HVAC Pipe Installation		

* SFTX0669-002 01/01/2024

	Rates	Fringes
SPRINKLER FITTER (Fire Sprinklers).....	\$ 34.60	23.88

SHEE0067-004 07/03/2023

	Rates	Fringes
Sheet metal worker Excludes HVAC Duct Installation.....	\$ 30.24	15.89
HVAC Duct Installation Only.	\$ 30.24	15.89

* SUTX2014-006 07/21/2014

	Rates	Fringes
BRICKLAYER.....	\$ 22.15	0.00
CARPENTER (Acoustical Ceiling Installation Only).....	\$ 17.83	0.00
CARPENTER (Form Work Only).....	\$ 13.63 **	0.00
CARPENTER, Excludes Acoustical Ceiling Installation, Drywall Hanging, Form Work, and Metal Stud Installation.....	\$ 16.86 **	4.17
CAULKER.....	\$ 15.00 **	0.00
CEMENT MASON/CONCRETE FINISHER...	\$ 22.27	5.30
DRYWALL FINISHER/TAPER.....	\$ 13.81 **	0.00
DRYWALL HANGER AND METAL STUD INSTALLER.....	\$ 15.18 **	0.00
ELECTRICIAN (Low Voltage Wiring Only).....	\$ 20.39	3.04
IRONWORKER, REINFORCING.....	\$ 12.27 **	0.00
LABORER: Common or General.....	\$ 10.75 **	0.00
LABORER: Mason Tender - Brick...	\$ 11.88 **	0.00
LABORER: Mason Tender -		

Cement/Concrete.....	\$ 12.00 **	0.00
LABORER: Pipelayer.....	\$ 11.00 **	0.00
LABORER: Roof Tearoff.....	\$ 11.28 **	0.00
LABORER: Landscape and Irrigation.....	\$ 8.00 **	0.00
OPERATOR: Backhoe/Excavator/Trackhoe.....	\$ 15.98 **	0.00
OPERATOR: Bobcat/Skid Steer/Skid Loader.....	\$ 14.00 **	0.00
OPERATOR: Bulldozer.....	\$ 14.00 **	0.00
OPERATOR: Drill.....	\$ 14.50 **	0.00
OPERATOR: Forklift.....	\$ 12.50 **	0.00
OPERATOR: Grader/Blade.....	\$ 23.00	5.07
OPERATOR: Loader.....	\$ 12.79 **	0.00
OPERATOR: Mechanic.....	\$ 18.75	5.12
OPERATOR: Paver (Asphalt, Aggregate, and Concrete).....	\$ 16.03 **	0.00
OPERATOR: Roller.....	\$ 12.00 **	0.00
PAINTER (Brush, Roller and Spray), Excludes Drywall Finishing/Taping.....	\$ 13.07 **	0.00
ROOFER.....	\$ 12.00 **	0.00
TILE FINISHER.....	\$ 11.32 **	0.00
TILE SETTER.....	\$ 14.94 **	0.00
TRUCK DRIVER: Dump Truck.....	\$ 12.39 **	1.18
TRUCK DRIVER: Flatbed Truck.....	\$ 19.65	8.57
TRUCK DRIVER: Semi-Trailer Truck.....	\$ 12.50 **	0.00
TRUCK DRIVER: Water Truck.....	\$ 12.00 **	4.11

WELDERS - Receive rate prescribed for craft performing operation to which welding is incidental.

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** Workers in this classification may be entitled to a higher minimum wage under Executive Order 14026 (\$17.20) or 13658 (\$12.90). Please see the Note at the top of the wage determination for more information. Please also note that the minimum wage requirements of Executive Order 14026 are not currently being enforced as to any contract or subcontract to which the states of Texas, Louisiana, or Mississippi, including their agencies, are a party.

Note: Executive Order (EO) 13706, Establishing Paid Sick Leave for Federal Contractors applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2017. If this contract is covered by the EO, the contractor must provide employees with 1 hour of paid sick leave for every 30 hours they work, up to 56 hours of paid sick leave each year. Employees must be permitted to use paid sick leave for their own illness, injury or other health-related needs, including preventive care; to assist a family member (or person who is like family to the employee) who is ill, injured, or has other health-related needs, including preventive care; or for reasons resulting from, or to assist a family member (or person who is like family to the employee) who is a victim of, domestic violence, sexual assault, or stalking. Additional information on contractor requirements and worker protections under the EO is available at <https://www.dol.gov/agencies/whd/government-contracts>.

Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (iii)).

The body of each wage determination lists the classification and wage rates that have been found to be prevailing for the cited type(s) of construction in the area covered by the wage determination. The classifications are listed in alphabetical order of ""identifiers"" that indicate whether the particular rate is a union rate (current union negotiated rate for local), a survey rate (weighted average rate) or a union average rate (weighted union average rate).

Union Rate Identifiers

A four letter classification abbreviation identifier enclosed in dotted lines beginning with characters other than ""SU"" or ""UAVG"" denotes that the union classification and rate were prevailing for that classification in the survey. Example: PLUM0198-005 07/01/2014. PLUM is an abbreviation identifier of the union which prevailed in the survey for this classification, which in this example would be Plumbers. 0198 indicates the local union number or district council number where applicable, i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. 07/01/2014 is the effective date of the most current negotiated rate, which in this example is July 1, 2014.

Union prevailing wage rates are updated to reflect all rate changes in the collective bargaining agreement (CBA) governing this classification and rate.

Survey Rate Identifiers

Classifications listed under the ""SU"" identifier indicate that no one rate prevailed for this classification in the survey and the published rate is derived by computing a weighted average rate based on all the rates reported in the survey for that classification. As this weighted average rate includes all

rates reported in the survey, it may include both union and non-union rates. Example: SULA2012-007 5/13/2014. SU indicates the rates are survey rates based on a weighted average calculation of rates and are not majority rates. LA indicates the State of Louisiana. 2012 is the year of survey on which these classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. 5/13/2014 indicates the survey completion date for the classifications and rates under that identifier.

Survey wage rates are not updated and remain in effect until a new survey is conducted.

Union Average Rate Identifiers

Classification(s) listed under the UAVG identifier indicate that no single majority rate prevailed for those classifications; however, 100% of the data reported for the classifications was union data. EXAMPLE: UAVG-OH-0010 08/29/2014. UAVG indicates that the rate is a weighted union average rate. OH indicates the state. The next number, 0010 in the example, is an internal number used in producing the wage determination. 08/29/2014 indicates the survey completion date for the classifications and rates under that identifier.

A UAVG rate will be updated once a year, usually in January of each year, to reflect a weighted average of the current negotiated/CBA rate of the union locals from which the rate is based.

WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

- * an existing published wage determination
- * a survey underlying a wage determination
- * a Wage and Hour Division letter setting forth a position on a wage determination matter
- * a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour National Office because National Office has responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations
Wage and Hour Division
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator

(See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

4.) All decisions by the Administrative Review Board are final.

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END OF GENERAL DECISION"

Special Conditions

SC-1.0 SCOPE OF WORK

The San Antonio Water System is soliciting Bids for the purpose of retaining a Contractor to perform the rehabilitation, replacement, and/or adjustment of approximately 4,062 linear feet of 8-inch to 30-inch existing SAWS sanitary sewer pipeline facilities using Cured-In-Place Pipe (CIPP) and point repairs. The work will also involve replacement, rehabilitation, repair, and/or upgrade of associated manhole structures and reconnection of all lateral services. All quantities are estimated in the proposal, and it is the intent of the proposal and quantities to establish a fixed unit price for various line items to be paid to the Contractor by SAWS during the term of this contract. No change in the unit price will be made, regardless of the actual quantity of the item of work performed during the term of the contract. Some of the work involved in the projects may require but is not limited to installation, replacement, or removal of sidewalks, driveways, concrete curbs, wheelchair ramps, topsoil, sodding, and asphalt replacement.

SC 2.0 - PROJECT REQUIREMENTS

Contractor shall submit a completion report to SAWS when construction is completed. The completion report shall include but not limited to the following:

- Pre and post MPEG-1 format and written to CD/DVD video and video logs.

Any test and/or submittals specified in this contract documents such as density tests, structural properties, etc. that are required.

SC 2.1 - PERFORMANCE TIME

PROJECT MILESTONES:

- I. Multiple Worksites may be under construction concurrently. Order of construction may be completed in any order at the Contractor's discretion, subject to limitations identified in sections SC 2.1.II through 2.1.IV. Order of construction shall be reflected in Contractor's submitted project baseline schedule and include Worksite No. outlined in table below.

List of Worksites

Worksite No.	Area Description
1	Jackson Keller Road *
2	West Avenue
3	Plainview Drive
4	Alexander Avenue
5	Mulberry Avenue

6	N. Mesquite Street
7	Vignes Street

* Contractor must complete this worksite prior to September 7, 2024.

- II. SAWS has obtained the TxDOT permit for this project. Note that permits expire on the 90th calendar day from issuance and may be amended by SAWS for one additional 90-day period (180 calendar days total). If a permit extends beyond 180 calendar days or expires prior to renewal, the permit must be resubmitted to TxDOT by SAWS. TxDOT has up to 30 calendar days for review. Contractor shall provide notification to SAWS 45 calendar days prior to desired start date for new permits or expiration of permit that has already been amended so that SAWS may resubmit the permit request to TxDOT.

Note that TxDOT permits are organized by roadway. For the purposes of tracking and communication between the Contractor and SAWS, permit numbers and Worksites for this project are outlined below.

Highway	Worksite
IH 410	1

- III. Contractor shall not work on more than four (4) worksites concurrently without prior written approval from SAWS Inspections. Work is defined as active construction operations (bypass pumping setup, CIPP lining, manhole rehabilitation, or point repairs) and is not intended to limit preparatory work such as pre-CCTV activities, unless pre-CCTV requires bypass pumping due to heavy flows within the main. Contractor may have up to two (2) worksites substantially complete but not at final completion that will not count towards the four (4) active worksites. SAWS reserves the right to limit the number of active worksites if Contractor fails to restore sites to final completion within the time indicated in the Supplemental Conditions.
- IV. Contractor’s baseline schedule shall incorporate the following limitations on scheduling:

a. WORKSITE 1 – JACKSON KELLER ROAD

- i. This worksite is located near Union Pacific Railroad (UPRR) and the bypass piping crosses a UPRR bridge. The contractor is required to comply with notification and insurance requirements contained in the Union Pacific Railroad Maintenance Consent Letter in Appendix A. Costs associated with UPRR requirements are subsidiary to the pay item to which it relates (no separate pay item).
- ii. Work at this location shall achieve final completion prior to September 7, 2024.
- iii. Work on private property at this location shall be completed within 120 days of Contractor’s first entry on the affected property (as evidenced by notice to Owner). See Right-of-Entry documents in Appendix B of the contract documents.
- iv. The contractor shall obtain a Work in Right-Of-Way (WiROW) permit from the City of Castle Hills prior to installation of bypass piping in City of Castle

Hills property shown in the plans. Contact information for the City of Castle Hills:

1. Luis “Louie” Zamarron
2. Assistant to the City Manager, Development Services Supervisor
3. lzamarron@castlehills-tx.gov
4. (210) 293-9680

b. WORKSITE 2 – WEST AVENUE

- i. This worksite is located near Pre-K Academy at West Avenue. Work shall be performed during weekends, holidays, or scheduled school breaks to avoid construction during periods of school for Pre-K Academy at West Avenue. Contact the school for specific dates.
 1. Pre-K Academy at West Avenue
 2. 210-407-8600
 3. Northeast Independent School District

c. WORKSITE 3 – PLAINVIEW DRIVE

- i. This worksite is located near Memorial High School. Work shall be performed during weekends, holidays, or scheduled school breaks to avoid construction during periods of school. Contact the school for specific dates.
 1. Memorial High School
 2. 210-898-4110
 3. Edgewood Independent School District
- ii. The Contractor shall be aware that this worksite is adjacent to sewer rehabilitation in NW 36th Street being completed concurrently by others as part of SAWS Job No 22-4509 “2021 CMOM Package 2 (Pipeburst & Open Cut)”. The Contractor shall coordinate closely with the contractor for that project. Schedule modification for this project may be necessary to avoid conflicts with Job No 22-4509.

d. WORKSITE 4 – ALEXANDER AVENUE

- i. This worksite is located near the City of San Antonio’s Woodlawn Lake Park. Work shall be scheduled to avoid construction during the summer pool season from June 1, 2024, to September 30, 2024.
- ii. Work on private property at this location shall be completed within 120 days of Contractor’s first entry on the affected property (as evidenced by notice to Owner). See Right-of-Entry documents in Appendix B of the contract documents.
- iii. The Contractor shall be aware that the City of San Antonio project “Zarzamora Pedestrian Improvements” (CSJ 0915-12-596), which includes sidewalk, driveway, and signal improvements along Zarzamora Street, will be constructed concurrently by others. Close coordination with the City of San Antonio and their contractor will be required for traffic control for both projects. Schedule for this worksite may need to be adjusted accordingly to avoid conflict.

- iv. The Contractor shall be aware that this worksite is adjacent to sewer rehabilitation in Cincinnati Avenue and N Elmendorf Street being completed concurrently by others as part of SAWS Job No 22-4509 “2021 CMOM Package 2 (Pipeburst & Open Cut)”. The Contractor shall coordinate closely with the contractor for that project. Schedule modification for this project may be necessary to avoid conflicts with Job No 22-4509.

e. WORKSITE 5 – MULBERRY AVENUE

- i. This worksite is located near Great Hearts Academy Monte Vista North. Work shall be performed during weekends, holidays, or scheduled school breaks to avoid construction during periods of school. Contact the school for specific dates.
 - 1. Amanda Lopez, Director of Campus Operations
 - 2. 210-888-9485
- ii. This worksite is located near Trinity University. MH 23745 at this worksite is connected to a restroom on the university’s athletic fields.
- iii. Trinity University can close the restroom for up to 10 calendar days with appropriate advance notice. Contact Ernesto Gonzalez at Trinity University (210-999-8077 or egonzalez@trinity.edu) two (2) weeks prior to the planned start of construction activities to coordinate closure of the restroom on university property.
- iv. Sewer repair/rehabilitation work requiring closure of the restroom on Trinity University shall be completed on or before July 31, 2024, to avoid conflicts with the Trinity University soccer team practices.

f. WORKSITE 6 – N. MESQUITE STREET

- i. This worksite includes a point repair of the existing sewer located in very close proximity to an existing 16” SAWS recycled water main. The recycled water main provides service to the San Antonio Riverwalk, the Henry B. Gonzalez Convention Center, and irrigation in the downtown area. SAWS can shut down the recycled main during excavation for the point repair with appropriate advance notice. Contact Roland Gutierrez with SAWS at 210-336-1898 20 business days prior to the Contractor requested shutdown to allow SAWS time to notify their customers.
- ii. The duration of the shutdown is not guaranteed, but up to 5 calendar days can be anticipated.
- iii. The point repair near MH 30817 at this location shall be performed during the lower demand periods prior to April 30, 2024, or after October 31, 2024.
- iv. The Contractor shall be aware that this worksite is adjacent to sewer rehabilitation in Hays Street being completed concurrently by others as part of SAWS Job No 22-4509 “2021 CMOM Package 2 (Pipeburst & Open Cut)”. The Contractor shall coordinate closely with the contractor for that project. Schedule modification for this project may be necessary to avoid conflicts with Job No 22-4509.

g. WORKSITE 7 – VIGNES STREET

- i. Work on private property at this location shall be completed within 120 days of Contractor's first entry on the affected property (as evidenced by notice to Owner). See Right-of-Entry documents in Appendix B of the contract documents.

SC 2.2 - PAYMENT

- I. As specified in the Contract Documents unit price cost for the items bid shall include all the necessary and incidental work as subsidiary to the bid item, unless specifically called out in the plans or approved by SAWS. Pay items indicating no separate or additional pay for incidental, related, associated, or other work will take precedence if in conflict with other pay provisions. If no pay item is included for any stipulated item, it will be considered as subsidiary to other pay items.
- II. It is the Contractor's responsibility for the preparation, research, submittal, and layout of the location specific submittals, including the Storm Water Pollution Prevention Plan, Traffic Control Plan, the Bypass Pumping Plan, and its approvals at no cost to SAWS. Tree Preservation Protection work shall be subsidiary to Item 101 Preparing Right-of-Way. Tree Protection Permit has been obtained by SAWS for this project and is attached to Appendix A.

SC 2.3 – TxDOT AND CoSA REQUIREMENT

- I. Contractor is to follow all TxDOT and CoSA requirements for project signage and visible identification when working within TxDOT and CoSA ROW.
- II. Contractor is to follow the CoSA requirements for impacted collector or arterial streets, which requires the Contractor to provide notification by electronic message boards seven (7) days prior to beginning construction. Message board is to remain in place until three (3) days after construction begins. Contractor is also to provide a three (3) day notification to be made by door hanger to impacted residents or businesses.
- III. Traffic Control Plans (TCP) and Bypass Layout Sheets are suggested routes only. The Contractor may provide an alternative Traffic Control Plan and Bypass Layout for approval by SAWS, TxDOT, and CoSA. The TCP must be signed, sealed, and dated by a Professional Engineer licensed in the state of Texas and submitted for approval at least two weeks prior to installation. The Bypass Pumping Plan shall meet the requirements of SAWS Specifications 864 and 865 as appropriate.
- IV. The Contractor shall be aware that water ballasted systems (barriers) or low profile concrete barriers shall be provided at each location with open cut excavation within TxDOT ROW, as per TXDOT requirements. Barriers shall be subsidiary to the pay item to which it relates.

SC-2.4 PERMITS

- I. The Owner has obtained a Floodplain Development Permit and a Tree Permit from the City of San Antonio. The Owner has obtained a ROW Permit from TxDOT. Contractor shall notify the appropriate City or TxDOT department prior to construction per the notes in the plans and shall adhere to the terms of the permits included with the Contract Documents. Contractor is responsible for all other required permits per the General Conditions.
- II. The Owner has obtained a Maintenance Consent Letter from Union Pacific Railroad for Worksite 1. Refer to requirements SC-2.6 and Appendix A.

SC 2.5 – ACCESS / PRIVATE PROPERTY COORDINATION

- I. **ACCESS TO EASEMENT AREAS:** Access to the project site will require close coordination with landowners and their tenants, if any. The Contractor shall coordinate with the Inspector to provide notice to all involved parties well in advance of the work and indicate when field work will begin at affected worksites and provide an explanation of the type of work to be done and approximate schedule. The Contractor will bear full responsibility for any and all of his actions or results of any of his activities, intended or not, regardless where his work is taking place.

SC-2.6 UNION PACIFIC RAILROAD REQUIREMENTS

- I. This worksite is located near Union Pacific Railroad (UPRR) and the bypass piping crosses a UPRR bridge. The contractor is required to comply with notification and insurance requirements contained in the Union Pacific Railroad Maintenance Consent Letter in Appendix A.
 - a. General requirements from UPRR:
 - i. The contractor shall obtain an executed Contractor's Right of Entry Agreement with UPRR prior to commencing work, including payment of all UPRR required fees (no separate pay item).
 - ii. The contractor shall notify a railroad representative at least ten (10) working days in advance of Contractor commencing its work and at least ten (10) working days in advance of any proposed work within 25 feet of any track. Contractor shall notify a UPRR approved flagger and UPRR field representative. Any fees associated with flagging or notifications shall be subsidiary to the pay item to which it relates (no separate pay item).
 1. 3rd party flagger
 - a. www.up.com/real_estate/third-arty-flagging/index.htm
 2. Field Representative
 - a. Jason D. Lowe
 - b. Senior Manager Signal Maintenance
 - c. Cell Phone (559) 681-3645

- d. Email jdlowe@up.com
- iii. Visit www.up.com/CBUB to complete and submit required form to determine if fiber optic is buried on the subject property.

SC-2.7 EXISTING SEWER CCTV

CCTV videos of the existing sewer mains are available to download. To obtain a copy of the videos, Contractors must complete the disclaimer form at the following link on SAWS website: https://apps.saws.org/business_center/ContractSol/. Please submit the form via email to Roxanne Lockhart Contract Administrator via email at Roxanne.Lockhart@saws.org. CCTV videos will be provided once the disclaimer form is submitted. All Contractors shall be required to execute the disclaimer form and submit it as part of their proposal.

SPECIAL PROVISIONS

- 100 Mobilization (SAWS)
- 299 Flowable Fill (SAWS)
- 101 Preparing Right-Of-Way (SAWS)
- 340 Dense-Graded Hot-Mix Asphalt (Small Quantity) (TxDOT)
- 530 Barricades, Signs, and Traffic Handling (COSA)
- 535 Hot Applied Thermoplastic Pavement Marking (COSA)
- 536 Preformed Pavement Marking (COSA)
- 537 Raised Pavement Markers (COSA)
- 540 Temporary Erosion, Sedimentation, and Water Pollution Prevention and Control (COSA)
- 551 Temporary Special Shoring (COSA)
- 901 Rehabilitation of Sanitary Sewer by Cured-In-Place Pipe (Hot Water) (SAWS)
- 1103 Point Repairs and Obstruction Removals (SAWS)
- 1109 Sanitary Sewer Lateral and Reconnection (SAWS)

**SPECIAL PROVISION TO SAWS STANDARD SPECIFICATION ITEM NO. 299
(Flowable Fill)**

299.1 DESCRIPTION

Add the following:

When worksite is located within the Texas Department of Transportation (TxDOT) right-of-way (ROW), this item shall meet the requirements of TxDOT specifications.

299.5 CONSTRUCTION

The statement to be replaced currently reads as follows:

1. *Strength. The compressive strength range shall be between the following strength values unless otherwise directed by the Engineer or shown on the plans:*
 - a. *Low Strength. Between 80 psi and 150 psi at 28 days,*
 - b. *High Strength. Greater than 500 psi at 28 days. For emergency repairs, strength shall be greater than 50 psi at 2 hours.*

The above statement is to be replaced with the following:

1. *Strength. The compressive strength range shall be between the following strength values unless otherwise directed by the Engineer or shown on the plans:*
 - a. *Low Strength. Between 80 psi and 150 psi at 28 days,*
 - b. *High Strength. Greater than 500 psi at 28 days. For emergency repairs, strength shall be greater than 50 psi at 2 hours.*
 - c. *In TxDOT ROW, strength shall meet the requirements of TxDOT Item 401 Flowable Backfill Table 2.*

All other language in specification 299 shall remain in full force.

END OF SECTION

**SPECIAL PROVISION TO SAWS STANDARD SPECIFICATION ITEM NO. 901
(Rehabilitation of Sanitary Sewers By
Cured-In-Place Pipe (Hot Water))**

901.4 MATERIALS

Add the following sentence to the end of the item 6 in paragraph 3.e in this section:

6) A soil modulus of 1000 psi may be used if documented site specific soil data (signed and sealed by a Professional Engineer registered in the State of Texas) is provided with liner thickness design calculations required in 901.3 Submittals, Section 4.

901.4 MATERIALS

Add the following:

5. Hydrophilic End Seal Sleeves are required at each end of the pipe segment to be rehabilitated. LMK Technologies “Insignia” hydrophilic end seal sleeve or Engineer approved equal shall be used.

901.5 CONSTRUCTION

Add the following:

10. Operation

i. Hydrophilic end seals shall be placed at the manhole/wall interface in accordance with the end seal manufacturer instructions prior to CIPP installation.

All other language in specification 901 shall remain in full force.

END OF SECTION

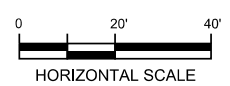
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		TOTAL ESTIMATED QUANTITIES	
ITEM NO.	DESCRIPTION	UNIT	QUANTITY
515.1	TOPSOIL	CY	1
520	HYDROMULCHING	SY	8
SP 530.1	BARRICADES, SIGNS, AND TRAFFIC HANDLING - WORKSITE 1 (JACKSON KELLER)	LS	1
855	RECONSTRUCTION OF EXISTING MANHOLES (ANY TYPE OR SIZE)	EA	1
865	BYPASS PUMPING (SMALL DIAMETER SANITARY SEWERS) - WORKSITE 1 (JACKSON KELLER)	LS	1
866	PRE SEWER MAIN TELEVISION INSPECTION (8"-15")	LF	405
SP 901.1	INSTALL CIPP SANITARY SEWER PIPE (HOT WATER), ALL DEPTHS (12 IN)	LF	405
SP 1109.2	SANITARY SEWER LATERAL RECONNECTIONS BY REMOTE DEVICE	EA	1

LEGEND

- SURFACE RESTORATION
- WW LINE TO BE REHABILITATED/ REPLACED
- EXIST SEWER LATERAL & CLEANOUT
- CONCEPTUAL BYPASS LINE
- EXIST FENCE
- FOL
- OHE
- UGC
- UGE
- X" WL
- X" SS
- X" G
- PROPERTY LINE
- X" SD
- UTILITY POLE
- EXIST TREE TO PROTECT
- EXIST TREE



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 www.kfriese.com



- NOTES:**
- CONTRACTOR TO FIELD VERIFY ALL DEPTHS, DISTANCES, PIPE SIZES, GRADES, AND SERVICE LATERALS BEFORE BEGINNING CONSTRUCTION AND NOTIFY ENGINEER OF ANY INCONSISTENCIES (NSPI).
 - UTILITY LINE INFORMATION SHOWN IS BASED ON UTILITY BLOCK MAPS AND AVAILABLE AS-BUILT DRAWINGS. NOT ALL UTILITIES MAY BE SHOWN. CONTRACTOR TO FIELD LOCATE. USE CAUTION IN AREAS OF EXCAVATION.
 - CONTRACTOR SHALL PROTECT ALL EXISTING TREES WITHIN THE PROJECT LIMITS. NO TREE REMOVAL IS PERMITTED.
 - REFER TO SAWS GENERAL NOTE 24 REGARDING SMART MANHOLE COVERS.
 - MH 7246 DOES NOT REQUIRE MANHOLE ADJUSTMENT (ITEM 851) OR REHABILITATION (ITEM 910). THIS MANHOLE WILL BE REPLACED UNDER A SEPERATE SAWS PROJECT.

POINT NO.	NORTHING	EASTING	ELEVATION	DESCRIPTION
CP-1 (JACKSON KELLER)	13738026.18	2118722.24	782.97	1/2" IRON ROD WITH BGE CAP SET
CP-2 (JACKSON KELLER)	13738204.15	2119091.50	783.48	MAGNAIL SET

————— CIPP 405 LF 12" VCP

ADDENDUM 1	ED	MP	1/24/24
No.	Revision	Drawn	Approved

REVISIONS

2021 CMOM
 PACKAGE 2A (CIPP)
 WORKSITE 1
 JACKSON KELLER ROAD
 CIPP

DEVELOPER: _____

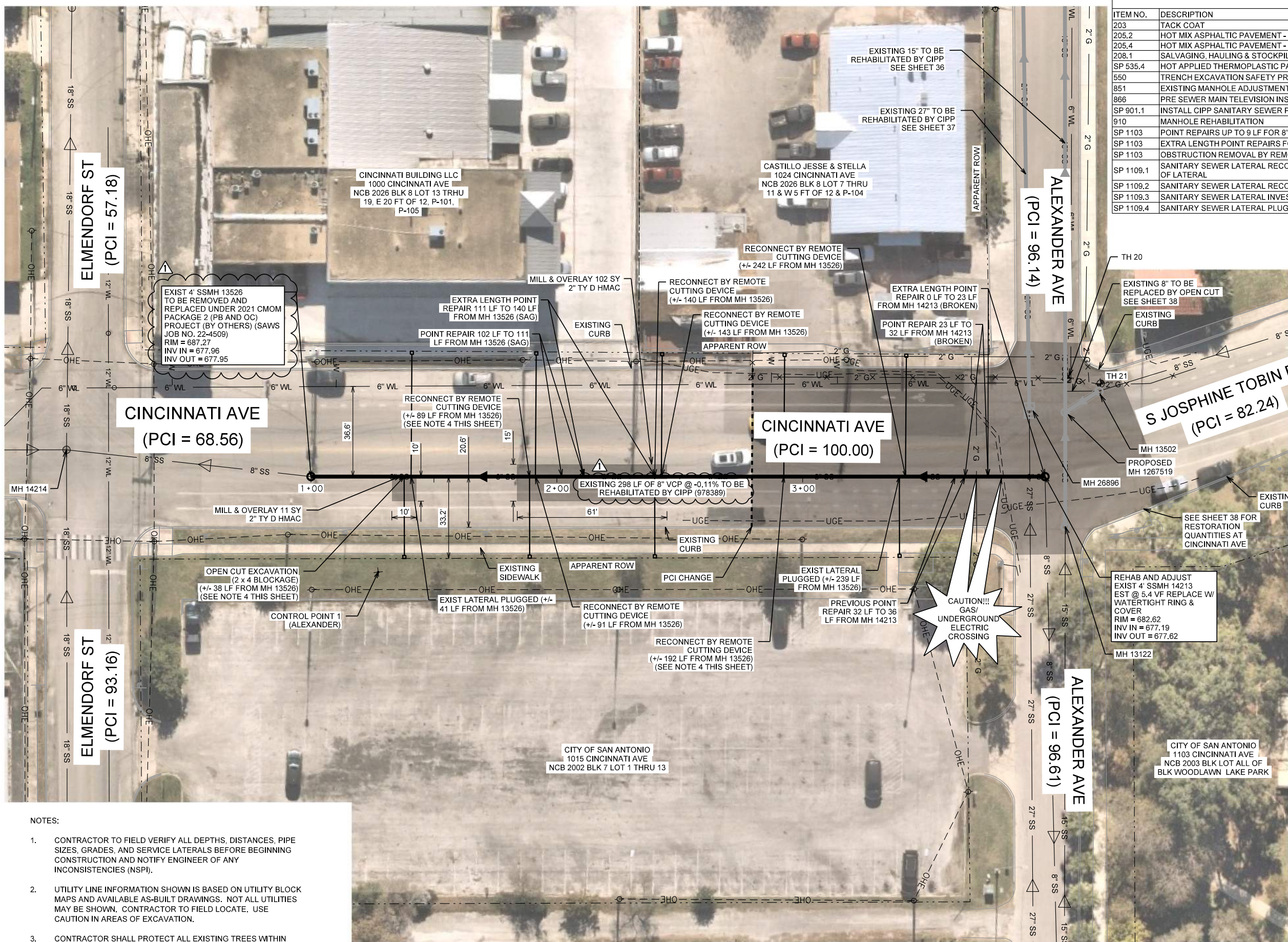
CONT. BUDGET PROJ.

SUBMITTED _____

APPROVED _____

MAP No.	SHEET 10
SECT. No.	
DR.	CK.
JOB No. 23-4513	
OF 69	

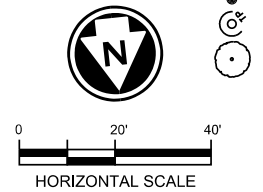
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TOTAL ESTIMATED QUANTITIES		UNIT	QUANTITY
ITEM NO.	DESCRIPTION		
203	TACK COAT	GAL	12
205.2	HOT MIX ASPHALTIC PAVEMENT - TYPE B (10" COMPACTED DEPTH)	SY	59
205.4	HOT MIX ASPHALTIC PAVEMENT - TYPE D (2" COMPACTED DEPTH)	SY	113
208.1	SALVAGING, HAULING & STOCKPILING RECLAIMABLE ASPHALTIC PAVEMENT (2" DEPTH)	SY	113
SP 535.4	HOT APPLIED THERMOPLASTIC PAVEMENT MARKINGS (8" WIDE) (WHITE)	LF	71
550	TRENCH EXCAVATION SAFETY PROTECTION	LF	70
851	EXISTING MANHOLE ADJUSTMENT	EA	1
866	PRE SEWER MAIN TELEVISION INSPECTION (8"-15")	LF	298
SP 901.1	INSTALL CIPP SANITARY SEWER PIPE (HOT WATER), ALL DEPTHS (8 IN)	LF	298
910	MANHOLE REHABILITATION	VF	6
SP 1103	POINT REPAIRS UP TO 9 LF FOR 8" DIAMETER (6'-10' DEPTH)	EA	2
SP 1103	EXTRA LENGTH POINT REPAIRS FOR 8" OR 10" DIAMETER (6'-10' DEPTH)	LF	52
SP 1103	OBSTRUCTION REMOVAL BY REMOTE DEVICE, 8"-15" DIAMETER, ALL DEPTHS	EA	1
SP 1109.1	SANITARY SEWER LATERAL RECONNECTIONS BY OPEN CUT CONNECTION, INCLUDING 10 LF OF LATERAL	EA	1
SP 1109.2	SANITARY SEWER LATERAL RECONNECTIONS BY REMOTE DEVICE	EA	6
SP 1109.3	SANITARY SEWER LATERAL INVESTIGATION (INCLUDING LICENSED PLUMBER)	EA	3
SP 1109.4	SANITARY SEWER LATERAL PLUGGING	EA	3

LEGEND

- SURFACE RESTORATION
- WW LINE TO BE REHABILITATED/REPLACED
- EXIST SEWER LATERAL & CLEANOUT
- CONCEPTUAL BYPASS LINE
- EXIST FENCE
- EXIST FIBER OPTIC LINE
- EXIST OVERHEAD UTILITIES
- EXIST UNDERGROUND CABLE
- EXIST UNDERGROUND ELECTRIC
- EXIST WATERLINE
- EXIST SANITARY SEWER LINE
- EXIST GAS LINE
- PROPERTY LINE
- EXIST STORM SEWER LINE
- UTILITY POLE
- EXIST TREE TO PROTECT
- EXIST TREE



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- NOTES:**
- CONTRACTOR TO FIELD VERIFY ALL DEPTHS, DISTANCES, PIPE SIZES, GRADES, AND SERVICE LATERALS BEFORE BEGINNING CONSTRUCTION AND NOTIFY ENGINEER OF ANY INCONSISTENCIES (NSPI).
 - UTILITY LINE INFORMATION SHOWN IS BASED ON UTILITY BLOCK MAPS AND AVAILABLE AS-BUILT DRAWINGS. NOT ALL UTILITIES MAY BE SHOWN. CONTRACTOR TO FIELD LOCATE. USE CAUTION IN AREAS OF EXCAVATION.
 - CONTRACTOR SHALL PROTECT ALL EXISTING TREES WITHIN THE PROJECT LIMITS. NO TREE REMOVAL IS PERMITTED.
 - CONTRACTOR TO VERIFY IF IDENTIFIED LATERALS ARE ACTIVE PER ITEM SP1109.3. ACTIVE LATERALS SHALL BE RECONNECTED PER ITEM 1109.2. INACTIVE LATERALS ARE TO BE PLUGGED PER ITEM SP1109.4.

POINT NO.	NORTHING	EASTING	ELEVATION	DESCRIPTION
CP-1 (ALEXANDER)	13713761.37	2119385.34	687.34	IRON ROD SET BGE BASE
CP-21 (ALEXANDER)	13713763.64	2118969.96	681.43	60D

CIPP 298 LF 8" VCP

No.	Revision	Drawn	Approved	Date
1	ADDENDUM 1	AF	MP	1/26/24

REVISIONS

2021 CMOM PACKAGE 2A (CIPP) WORKSITE 4 ALEXANDER AVE CIPP (3 OF 3)

DEVELOPER: _____
CONT.: BUDGET PROJ.
SUBMITTED: _____
APPROVED: _____
MAP No.: _____
SECT. No.: _____
DR.: _____ **CK.:** _____ **JOB No.:** 23-4513 **SHEET 39 OF 69**