



**SAN ANTONIO WATER SYSTEM  
C\_13 BROADWAY CORRIDOR PROJECT  
SEWER REHABILITATION  
PACKAGE 2.C AND 4.C  
SAWS JOB NO. 15-45111 (2.C) & 15-4514 (4.C)  
SOLICITATION NO. CO-00097**

**ADDENDUM NO. 1  
NOVEMBER 8, 2016**

**TO RESPONDENT 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.

The pre-bid meeting held on November 3, 2016 was non-mandatory. The list of attendees is posted on the SAWS Contract Solicitations website.

**CHANGES TO SPECIFICATIONS**

1. COVER PAGE: Remove and replace cover page to contract documents.
2. TABLE OF CONTENTS: Remove and replace table of contents to contract documents.
3. BID PROPOSAL: REPLACE in its entirety with the attached ADD LANGUAGE: There were no changes to the Quotes page. Calendar days to complete have changed to 240. Bidder must use this revised version of the Bid Proposal when submitting a bid.
4. PROPOSAL CERTIFICATION: REPLACE in its entirety with the attached. Calendar days have changed to 240. Bidder must use this version to submit with the bid for this project.
5. SPECIAL CONDITIONS: ADD the following under H. Work Restrictions; A. WORK SEQUENCING/CONSTRAINTS:
  - "4) No construction shall occur between April 1<sup>st</sup> and April 30<sup>th</sup>. Contractor shall ensure the following activities are completed by April 1<sup>st</sup>.

**No Construction Phase:**

April 1 through April 30. Contractor shall:

- 1) Cease all construction operations and activities at Site,
- 2) Remove all materials, equipment, tools and supplies not incorporated into the work from Site,
- 3) Remove all maintenance of traffic signage from Site,
- 4) Remove all storm water controls, unless directed otherwise by the Consultant,
- 5) Backfill all trenches,
- 6) Provide temporary pavement resurfacing,
- 7) Clean the site,
- 8) Open and in all ways prepare the Site for unrestricted public use.

The Contractor will not be entitled to an increase in contract price or contract time nor any standby charges or ripple effect for any activities required to attain the aforementioned requirements.”

6. ITEM NO. 901 Rehabilitation of Sanitary Sewer by Cured-In-Place Pipe: ADD the following to 901.10 TESTING AND WARRANTY:

“7. The Contractor shall perform an infiltration/exfiltration test before the installed work shall be considered accepted. Contractor shall insure that all testing is performed in the presence of the Inspector, with copies of all written test results made available to the Inspector. Tests shall conform to SAWS Specification No. 849 - Air and Deflection Testing, Section 849.4 “Infiltration/Exfiltration Test.””

7. ITEM NO. 905 Rehabilitation of Sanitary Sewer by Cured-In-Pipe (UV Light Cured): ADD the following to 905.11 TESTING AND WARRANTY:

“6. The Contractor shall perform an infiltration/exfiltration test before the installed work shall be considered accepted. Contractor shall insure that all testing is performed in the presence of the Inspector, with copies of all written test results made available to the Inspector. Tests shall conform to SAWS Specification No. 849 - Air and Deflection Testing, Section 849.4 “Infiltration/Exfiltration Test.””

CHANGES TO DRAWINGS

1. Package 2.C:

A. SHEET 4 OF 27:

- i. REPLACE note 5 under the GENERAL NOTES with the following:  
“WORK COMPLETED BY THE CONTRACTOR WHICH HAS NOT RECEIVED THE NOTICE TO PROCEED FROM THE SAN

ANTONIO WATER SYSTEM CONSTRUCTION INSPECTION DIVISION WILL BE SUBJECT TO REMOVAL AND REPLACEMENT BY AND AT THE EXPENSE OF THE CONTRACTOR.”

- ii. REMOVE notes 16, 19, 21, 27, 28, 35, 36 and 44 under the GENERAL NOTES in their entirety.

B. SHEET 5 OF 27:

- i. REMOVE note 48 in the first column under the GENERAL NOTES in its entirety.
- ii. REMOVE notes 64, 76 and 77 in the second column under the GENERAL NOTES in their entirety.
- iii. REMOVE notes 78, 79, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93 and 94 in the third column under the GENERAL NOTES in their entirety.
- iv. REMOVE note 95 in the fourth column under the GENERAL NOTES in its entirety.

C. SHEET 13 OF 27:

- i. Under Full Depth Pavement Restoration Detail, DELETE “12” Concrete Base” and INSERT “12” Asphalt-Treated Base” in its place.

D. SHEET 15 OF 27:

- i. REMOVE note 15 and 16 under the TRAFFIC NOTES AND SPECIAL CONDITIONS in their entirety.
- ii. REMOVE the second column titled “COSA ROW MANAGEMENT GENERAL NOTES” in its entirety.

2. Package 4.C:

A. SHEET 4 OF 25:

- i. REPLACE note 5 under the GENERAL NOTES with the following: “WORK COMPLETED BY THE CONTRACTOR WHICH HAS NOT RECEIVED THE NOTICE TO PROCEED FROM THE SAN ANTONIO WATER SYSTEM CONSTRUCTION INSPECTION DIVISION WILL BE SUBJECT TO REMOVAL AND REPLACEMENT BY AND AT THE EXPENSE OF THE CONTRACTOR.”
- ii. REMOVE notes 16, 19, 21, 27, 28, 35, 36 and 44 under the GENERAL NOTES in their entirety.

B. SHEET 5 OF 25:

- i. REMOVE note 48 in the first column under the GENERAL NOTES in its entirety.
- ii. REMOVE notes 64, 76 and 77 in the second column under the GENERAL NOTES in their entirety.
- iii. REMOVE notes 78, 79, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93 and 94 in the third column under the GENERAL NOTES in their entirety.
- iv. REMOVE note 95 in the fourth column under the GENERAL NOTES in its entirety.

C. SHEET 15 OF 25:

- i. REMOVE note 15 and 16 under the TRAFFIC NOTES AND SPECIAL CONDITIONS in their entirety.

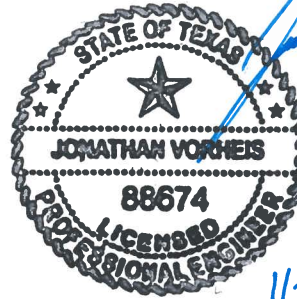
- ii. REMOVE the second column titled "COSA ROW MANAGEMENT GENERAL NOTES" in its entirety.

CH2M HILL

TBPE Firm No. 3699

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Jonathan Vorheis, P.E.

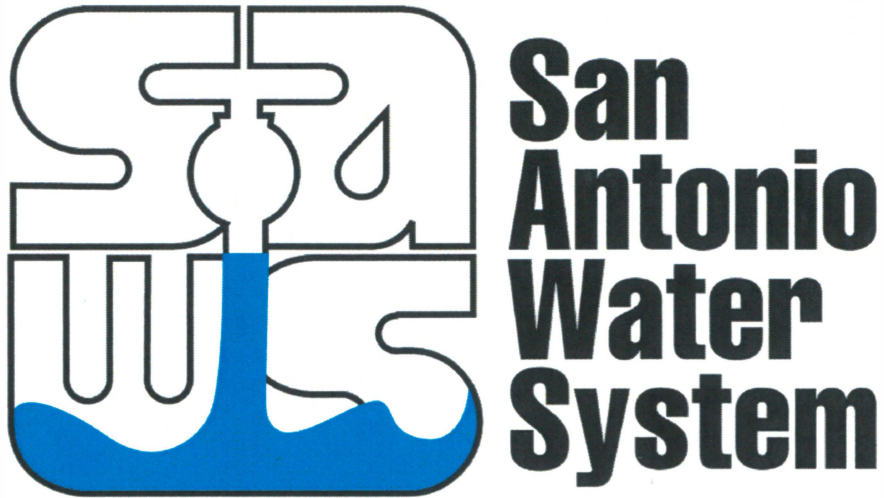


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**Appended hereto and part of Addendum No. 1 are:**

1. Cover Page
2. Table of Contents
3. Bid Proposal
4. Proposal Certification
5. Contractor Questions and Responses

**SAN ANTONIO WATER SYSTEM**



**CONTRACT  
DOCUMENTS**

**C\_13 BROADWAY CORRIDOR PROJECT  
SEWER REHABILITATION**

**PACKAGE 2.C and 4.C**

**SAWS Job No. 15-4511 (2.C), 15-4514 (4.C)**

**SAWS Solicitation No. CO-00097**

**October 2016**



# Contract Documents

## Table of Contents

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(Separate Documents - not attached\*)

### CoSA STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (Latest Edition)

<u>Item</u>	<u>Construction Specification</u>
200	Flexible Base
202	Prime Coat
203	Tack Coat
204	Hot Mix Asphaltic Concrete Pavement
206	Asphalt Treated Base
208	Salvaging, Hauling & Stockpiling Reclaimable Asphaltic Pavement
209	Concrete Pavement
230	Base and Pavement Replacement
300	Concrete (Div. III – Concrete & Concrete Structures)
301	Reinforcing Steel
410	Subgrade Filler
413	Flowable Backfill
530	Barricades, Signs, and Traffic Handling
540	Temporary Erosion, Sedimentation and Water Pollution Prevention and Control
801	Tree and Landscape Protection

### SAWS SPECIFICATIONS FOR WATER & SANITARY SEWER CONSTRUCTION (Latest Edition)

<u>Item</u>	<u>Construction Specification</u>
100	Mobilization
101	Preparation of Right-of-Way
300	Concrete (Natural Aggregate)
550	Trench Excavation Safety Protection
804	Excavation, Trenching and Backfill
812	Water Main Installation (Contingency)
848	Sanitary Sewers
849	Sanitary Sewer Pipe Air and Deflection Testing
850	Sanitary Sewer Structures
851	Adjusting Existing Manholes
852	Sanitary Sewer Manholes
853	Glass-Fiber Reinforced Polyester (FRP) Manholes
854	Sanitary Sewer Laterals
858	Concrete Encasement, Cradles, Saddles, and Collars
864	Bypass Pumping
866	Sewer Main Television Inspection
868	Sanitary Sewer System Cleaning
869	Project Signs
901	Rehabilitation of Sanitary Sewer by Cured-In-Place Pipe
902	Construction Safety and Health Program
903	Construction QA/QC Program
904	Construction Phase Procedures
905	Rehabilitation of Sanitary Sewer by Cured-In-Place Pipe (UV Light Cured)
906	Water Use Accountability
910	Manhole Rehabilitation
1103	Point Repairs and Obstruction Removals
1109	Sanitary Sewer Service Stubs and Reconnections
1110	Progress Schedule
1112	Project Record Documents
1114	Pre-Construction Video

## **Contract Documents**

### **Table of Contents**

#### 1020 Water Main Break/Leak Repairs (Contingency)

\* All of the SAWS and CoSA standard specs intended for or potentially used in the Contract have been included in the TOC only. Items that may potentially be used are indicated as a contingency. For example, while no water main work is planned, it is possible that a waterline may need to be adjusted to resolve or avoid a conflict or a water main break and/or leak repair may be necessary.

BID PROPOSAL

PROPOSAL OF \_\_\_\_\_, a corporation

a partnership consisting of

\_\_\_\_\_

an individual doing business as

\_\_\_\_\_

THE SAN ANTONIO WATER SYSTEM:

Pursuant to Instructions and Invitation to Bidders, the undersigned proposes to furnish all labor and materials as specified and perform the work required for the project as specified, in accordance with the Plans and Specifications for the following prices to wit:

**(PLEASE SEE ATTACHED PDF LIST OF BID ITEMS)**

TOTAL BID PRICE

\$ \_\_\_\_\_

Mobilization and Prep of ROW shall be limited to the maximum percentage shown. **If the percentage exceeds the allowable maximum stated for mobilization and or preparation of ROW, SAWS reserves the right to cap the amount at the percentages shown and adjust the extensions of the bid items accordingly.**

\_\_\_\_\_  
BIDDER'S SIGNATURE & TITLE

\_\_\_\_\_  
FIRM'S NAME (TYPE OR PRINT)

\_\_\_\_\_  
FIRM'S ADDRESS

\_\_\_\_\_  
FIRM'S PHONE NO. /FAX NO.

\_\_\_\_\_  
FIRM'S EMAIL ADDRESS

The Contractor herein acknowledges receipt of the following:

Addendum Nos. \_\_\_\_\_

OWNER RESERVES THE RIGHT TO ACCEPT THE OVERALL MOST RESPONSIBLE BID.

The bidder offers to construct the Project in accordance with the Contract Documents for the contract price, and to complete the Project within **240** calendar days after the start date, as set forth in the Authorization to Proceed. **The bidder understands and accepts the provisions of the contract Documents relating to liquidated damages of the project if not completed on time.**

Complete the additional requirements of the Bid Proposal which are included on the following pages.



Solicitation		Quotes								
CO-00097		Line No.	Item No.	Quote Category	SOV Item	Item Description	Unit	Quantity	Unit Bid Price	Total Price
1	202.1	General Sanitary Sewer Bid Items			Prime Coat Application. Complete and In-Place	GAL	56			
2	203.1	General Sanitary Sewer Bid Items			Tack Coat Application. Complete and In-Place	GAL	28			
3	205.4	General Sanitary Sewer Bid Items			Cutting and Replacing with Asphalt Treated Base (12") and Hot Mix Asphaltic Concrete Pavement (Trench Repair) – Type "C" Modified or Type "D" – 3 inches min. compacted depth. Complete and In-Place	SY	278			
4	208.1	General Sanitary Sewer Bid Items			Salvaging, Hauling and Stockpiling Reclaimable Asphaltic Pavement	SY	278			
5	530	General Sanitary Sewer Bid Items			Traffic Control, Barricades, Signs and Traffic Handling	LS	1			
6	540	General Sanitary Sewer Bid Items			SW3P Plan and Execution	LS	1			
7	540.8	General Sanitary Sewer Bid Items			Sandbags for Erosion Control	FT	240			
8	801	General Sanitary Sewer Bid Items			Tree Protection to include placement and removal after project is complete and in place	LS	1			
9	850	General Sanitary Sewer Bid Items			Replacement of Existing/New Manholes (AIS)	EA	3			
10	851	General Sanitary Sewer Bid Items			Manhole Adjustment (AIS)	EA	28			
11	864-S1	General Sanitary Sewer Bid Items			Bypass Pumping Small Diameter	LS	1			
12	864-S2	General Sanitary Sewer Bid Items			Bypass Pumping Large Diameter	LS	1			
13	866	General Sanitary Sewer Bid Items			36-inch Sanitary Sewer Cleaning and Televising Before Rehabilitation	LF	147			
14	866	General Sanitary Sewer Bid Items			33-inch Sanitary Sewer Cleaning and Televising Before Rehabilitation	LF	1,956			
15	866	General Sanitary Sewer Bid Items			33-inch Sanitary Sewer Cleaning and Televising	LF	1,388			
16	866	General Sanitary Sewer Bid Items			30-inch Sanitary Sewer Cleaning and Televising Before Rehabilitation	LF	36			
17	866	General Sanitary Sewer Bid Items			24-inch Sanitary Sewer Cleaning and Televising Before Rehabilitation	LF	2,630			
18	866	General Sanitary Sewer Bid Items			20-inch Sanitary Sewer Cleaning and Televising Before Rehabilitation	LF	112			
19	866	General Sanitary Sewer Bid Items			18-inch Sanitary Sewer Cleaning and Televising Before Rehabilitation	LF	2,672			
20	910.1	General Sanitary Sewer Bid Items			Manhole Rehabilitation	VF	369			
21	910.2	General Sanitary Sewer Bid Items			Sewer Structure Rehabilitation	SF	2,347			
22	1103	General Sanitary Sewer Bid Items			Point Repair for 36-inch Pipe, all depths	EA	1			
23	1103	General Sanitary Sewer Bid Items			Point Repair for 33-inch Pipe, all depths	EA	1			
24	1103	General Sanitary Sewer Bid Items			Point Repair for 30-inch Pipe, all depths	EA	1			
25	1103	General Sanitary Sewer Bid Items			Point Repair for 24-inch Pipe, all depths	EA	1			
26	1103	General Sanitary Sewer Bid Items			Point Repair for 20-inch Pipe, all depths	EA	1			
27	1103	General Sanitary Sewer Bid Items			Point Repair for 18-inch Pipe, all depths	EA	1			
28	1109	General Sanitary Sewer Bid Items			Lateral Reconnection	EA	100			
29	854	General Sanitary Sewer Bid Items			Installation of Two-Way Cleanout	EA	5			
<b>FOR ITEMS 30 THROUGH 41 BIDDERS WILL EITHER PROVIDE A BID FOR 901 OR 905, NOT BOTH</b>										
30	901	General Sanitary Sewer Bid Items			36-inch CIPP Sewer Main Rehabilitation (Steam/Water-cured)	LF	147			
31	901	General Sanitary Sewer Bid Items			33-inch CIPP Sewer Main Rehabilitation (Steam/Water-cured)	LF	1,956			
32	901	General Sanitary Sewer Bid Items			30-inch CIPP Sewer Main Rehabilitation (Steam/Water-cured)	LF	36			
33	901	General Sanitary Sewer Bid Items			24-inch CIPP Sewer Main Rehabilitation (Steam/Water-cured)	LF	2,630			
34	901	General Sanitary Sewer Bid Items			20-inch CIPP Sewer Main Rehabilitation (Steam/Water-cured)	LF	112			
35	901	General Sanitary Sewer Bid Items			18-inch CIPP Sewer Main Rehabilitation (Steam/Water-cured)	LF	2,672			
<b>OR</b>										
36	905	General Sanitary Sewer Bid Items			36-inch CIPP Sewer Main Rehabilitation (UV-cured)	LF	147			
37	905	General Sanitary Sewer Bid Items			33-inch CIPP Sewer Main Rehabilitation (UV-cured)	LF	1,956			
38	905	General Sanitary Sewer Bid Items			30-inch CIPP Sewer Main Rehabilitation (UV-cured)	LF	36			
39	905	General Sanitary Sewer Bid Items			24-inch CIPP Sewer Main Rehabilitation (UV-cured)	LF	2,630			
40	905	General Sanitary Sewer Bid Items			20-inch CIPP Sewer Main Rehabilitation (UV-cured)	LF	112			
41	905	General Sanitary Sewer Bid Items			18-inch CIPP Sewer Main Rehabilitation (UV-cured)	LF	2,672			
42	100	General Sanitary Sewer Bid Items			Mobilization /Demobilization - This item includes project move-in and move-out of personnel and equipment, and shall include furnishing all labor, materials, tools and equipment and incidentals required to mobilize, demobilize, bond and insure the Work for the Project in accordance with the contract documents, complete in place. Maximum of 10% of Items 1-35 (Steam/Water-cured) or Items 1-29, 36-41 (UV-cured).	LS	1			
43	101	General Sanitary Sewer Bid Items			Preparation of Right-of-Way. Maximum of 5% of Items 1-35 (Steam/Water-cured) or Items 1-29, 36-41 (UV-cured).	LS	1			
44	100	General Sanitary Sewer Bid Items			Intermediate Demob/Remob	EA	5			
45	864	General Sanitary Sewer Bid Items			Daily Bypass Rental Equipment (Intermediate Demob/Remob)	MD	20			
46	864	General Sanitary Sewer Bid Items			Daily Fuel (Intermediate Demob/Remob)	MD	20			
47	864	General Sanitary Sewer Bid Items			Daily Manning of the Bypass Pumps (Intermediate Demob/Remob)	MD	20			

# PROPOSAL CERTIFICATION

Accompanying this proposal is a Bid Bond or Certified or Cashier's Check payable to the Order of the San Antonio Water System for \_\_\_\_\_ dollars (\$\_\_\_\_\_), which amount represents five percent (5%) of the total bid price. Said bond or check is to be returned to the bidder unless the proposal is accepted and the bidder fails to execute and file a contract within **10** calendar days after the award of the Contract, in which case the check shall become the property of said San Antonio Water System, and shall be considered as payment for damages due to delay and other inconveniences suffered by said San Antonio Water System due to the failure of the bidder to execute the contract. The San Antonio Water System reserves the right to reject any and all bids.

It is anticipated that the Owner will act on this proposal within **60** calendar days after the bid opening. Upon acceptance and award of the contract to the undersigned by the Owner, the undersigned shall execute standard San Antonio Water System Contract Documents and make Performance and Payment Bonds for the full amount of the contract within **10** calendar days after the award of the Contract to secure proper compliance with the terms and provisions of the contract, to insure and guarantee the work until final completion and acceptance, and the guarantee period stipulated, and to guarantee payment of all lawful claims for labor performed and materials furnished in the fulfillment of the contract.

It is anticipated that the Owner will provide written Authorization to Proceed within **30** days after the award of the Contract.

The work called for in this Contract shall commence on the date indicated in the SAWS written Authorization to Proceed. Under no circumstances shall the work commence prior to the date provided for in the SAWS issued, written Authorization to Proceed. Work shall be completed in full within 240 consecutive calendar days.

The undersigned certifies that the bid prices contained in the proposal have been carefully checked and are submitted as correct and final and are in conformance with the requirements of the American Iron and Steel provisions of P.L. 113-76. Consolidated Appropriations Act, 2014.

The undersigned further acknowledges compliance with "Wage and Labor Standard Provisions" of this contract and the use of the Blue Book rental rates for establishment of equipment rental rates whether owned or leased during the course of this Contract.

In completing the work contained in this proposal the undersigned certifies that bidder's practices and policies do not discriminate on the grounds of race, color, religion, sex or national origin and that the bidder will affirmatively cooperate in the implementation of these policies and practices.

Signed: \_\_\_\_\_  
Company Representative

\_\_\_\_\_  
Company Name

\_\_\_\_\_

\_\_\_\_\_  
Address

Please return bidder's check to: \_\_\_\_\_  
Company Name

\_\_\_\_\_

\_\_\_\_\_  
Address

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**C\_13 BROADWAY CORRIDOR PROJECT SEWER REHABILITATION  
PACKAGE 2.C AND 4.C**

**QUESTIONS RECEIVED AND RESPONSES**

The following questions were received by SAWS in writing following the Pre-Proposal Meeting, and modify the Bid Documents as designated herein:

1. CIPP Specification 901, Structural Requirements, Section C. it says "shall meet". Could you please clarify by stating "shall meet the following minimum structural properties" or other in kind clarification?

**Response:** The specification is clear on the requirements for the structural properties.

2. If a clean out must be installed in order to maintain service due to rehabilitation of the main, then will the clean out pay item apply?

**Response:** No. Clean outs are required for maintaining services is incidental to CIPP of the main.

3. Please provide the Pavement Condition Index (PCI) for all streets affected by the project. If a street must be cut what will the paving limits be?

**Response:** PCI ranges from 71 to 96. Paving limits are shown on the plans (bid item). Any street cuts beyond what is shown on the plans may require additional paving by COSA and will need to be coordinated with COSA, at no additional cost to SAWS.

4. After review of the videos that were provided at the pre-bid meeting, it appears that several line segments have previously be rehabilitated with CIPP that are called out on the plans to be rehabilitated in this scope of work. What is SAWS intent with regard to segments already lined?

**Response:** Pipeline segments to be rehabilitated or cleaned and televised are as indicated in plans.

5. Are non-active service connections to be reinstated?

**Response:** All laterals identified by televising must be reinstated whether shown as active or not.

6. Is it SAWS intent to install cleanouts on all service laterals where they do not currently exist?

**Response:** No.

7. In the pre-construction meeting on 11/3/17 it was noted that no work would be allowed to take place in the month of April. Are we to assume items 46-49 of the bid sheet dealing with the Intermediate Demob/Remob would be utilized to for this work stoppage?

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**Response:** No. The No-Work in April (as outlined in this Addendum) is incidental to the project. Intermediate Demob/Remob is to be used in accordance with the specification and as directed by SAWS. Please note that the contract duration has been increased to 240 days.

8. On the project 2.C portion of the job there is a 20" siphon 38652 – 75351 that appears to be previously lined via CIPP. There are wrinkles within that segment that if not removed prior will be prevalent in the new CIPP. Is it SAWS intention to reline this portion of pipe? If so, is there anything that needs to be done prior to installation with the existing wrinkles? If they are not removed prior, will acceptance take into account the condition of the existing CIPP?

**Response:** Pipeline segments to be rehabilitated are as indicated in plans. Existing wrinkles will not be removed. Acceptance of the rehabilitated pipeline will take the existing condition into consideration.

9. The As-Builts information that has been added to the web site is appreciated however, there are no drawings for the siphon located at Commerce St. (MH 62392 to 62393). Are these available?

**Response:** They are not available.