



Request for Bid
Loos Interceptor Diversion Construction Addendum No. 2 to
RFB No. 199498.71.0394
August 6, 2018



The following information encompasses Addendum No. 2 for the above referenced RFB. Bidders shall fully consider and acknowledge this Addendum in the preparation and submittal of its formal Bid. Failure to do so may result in the rejection of the Bid.

Section 1 – Additional Bidder Questions Received to Date

Section 2 – Updates to Articles or pages: 00170.16 Selection Schedule, 00370 Subcontract Commercial Bid Form, Technical Specifications

All other conditions and requirements remain unchanged.

Section 1
Additional Bidder Questions Received to Date

Q1: How will the disconnection of the Old Loos Interceptor at the downstream end be completed?

SARP10: At structure LO010129, on the Old Loosahatchie Interceptor Sewer Abandonment Plan, the disconnection will be made by Bypass pumping around LO010129 from LO010100 to LO010128, inserting a mechanical plug 24" inches into the 42" pipe between LO010129 and LO010130. After mechanical plug insertion, fill the 24" with 3000psi concrete and smooth finish the inside wall of LO010129

Q2: Where is the 84" Flo-Tite Tee Manhole being installed? Is this for the Siphon Structures 1 & 2? Where are the 54" Flo-Tite FRP Tee Base MHs on the bid form?

SARP10: The reference to an 84" tee is not correct. The correct size is a 54" tee. No, this is not for the Siphon Structures 1 & 2. The 84" Flo-Tite Tee Manhole reflected in the bid form will be changed to 54".

Q3: Your specs within Section 02531-5, Section H "FRP Inverted Tee Manhole Bases and Risers" state that the minimum diameter for all FRP Tee Bases & Risers on the sewer main is 54" to 4 VF from ground surface. Would you please consider allowing a 36"x36"x36" Flo-Tite Tee Base on the 36" main and using a 54" FRP Riser via ASTM 3753 via LFM or CSI.

SARP10: No FRP tees will be able to be used on the 36" pipe. A traditional concrete manhole will have to be used instead.

Q4: Regarding stiffness nominal of the FRP pipe, we would ask that you please consider using one stiffness nominal (SN72) for all pipe for most economical solution.

SARP10: The stiffness nominal for all FRP pipe will be SN72.

Q5: Erosion Control plan has clearing only in the permanent easement. Is the contractor allowed to clear the total 100' temporary construction easement if needed?

SARP10: Yes

Q6: Is the 50' permanent easement and the 100' temporary easement in place from Special Structure #1, Sta. 0 + 00.00 to Special Structure # 2, Sta. 79 + 55.06? If so, can this area be disturbed if need to install sewer pipe?

SARP10: Yes, the 50' permanent easement and the 100' temporary easement stretch STA 0+00 (connection at the New Loos Interceptor) to STA 79+55.06 and can be used for the installation of the sewer pipe.

Q7: What type and size sewer manholes are to be used when installing 54" FRP? Bid item is precast manholes. Spec. book, page 105, calls for FRP Inverted Tee Base and FRP Riser Sections, when using Fiberglass Reinforced Pipe. If so, a detail for FRP Tee Manholes is needed.

SARP10: The sewer manhole size on the 54" is a 54" FRP Tee base with 54" FRP riser sections to within 4 vertical feet of the ground surface.



Request for Bid
Loos Interceptor Diversion Construction Addendum No. 2 to
RFB No. 199498.71.0394
August 6, 2018



Q8: What type of pipe is the existing 66" at the tie in at Special Structure #1, Sta. 0 + 00.00?

SARP10: The existing pipe material of the existing 66" is Reinforced Concrete Pipe (RCP).

Q9: Slope protection detail, page 47 of 48 in the plans. Will this be paid for under Bid Item, 02370-6.01 (Rip Rap @ Stream Crossings)? If so, do we incorporate 6" of gravel and filter fabric into this bid item?

SARP10: Yes, the slope protection detail complete and in place as shown (including the 6" of gravel and filter fabric), page 47 of 48, will be paid under Bid Item, 02370-6.01.

Q10: Is any soil borings available for this project? If not, will contractors be able to dig test holes on site prior to bid date?

SARP10: No soil borings were completed for this project and no test pits will be dug on site prior to bid date.

Q11: Will burning of clearing be allowed, if contractor is issued a burn permit from Shelby County Pollution Control?

SARP10: Yes, burning will be allowed. However, the contractor is responsible for obtaining the permit and being in full compliance.

Q12: 24 ", 28 ", and 36 " Siphon Barrel Access Structure on each up and down stream Siphon Barrel does not have a detail. Will these be paid for under these were manhole bid item?, and will the bid item "special manhole coating" be used for these ? If not a detail is needed.

SARP10: The Siphon Barrel Access Structures are 60" diameter pre-cast manholes and included in the Bid Item 02531.6.01.60. The inside of the Siphon Barrel Access Structures will receive the manhole coating and included in Bid Item 02535.6.01.60, 60" Diameter Manhole Coating.

Q13: Bid item 02535-6.02, Special Structure Coating. Does this item only cover Special Structure #1 and #2, or does it also cover Siphon Structures #1 and #2?

SARP10: The Bid Item 02535-6.02 has been revised to multiple bid items. The revised Bid Schedule is attached to this addendum.

Q14: Erosion Control plan shows silt fence +/- 12' inside the temporary easement, will silt fence be allowed to be installed at outer limits of temporary easement?

SARP10: Yes

Q15: Specification #: Section 02531, Manholes, Item: Manhole Sizing, On Sewer Manhole #14, can this structure be made as a 72" diameter manhole?

SARP10: Yes, Manhole #14 can be 72" if there is room to make the pipe turn and keep the structural integrity of the manhole.

Q16: Specification #: Section 02531, Manholes, Item: Manholes, Is Sewer Manhole #15 required to be cast-in-place or can a precast manhole be supplied?

SARP10: A pre-cast manhole can be supplied for Manhole #15

Q17: Specification #: Section 02531, Manholes, Item: Manhole Sizing. Will round sewer manholes larger than 4' in diameter be allowed to be transitioned to smaller risers or will the larger diameter be required to extend to the top? This is per your Plans detail "Typical Sanitary Sewer Manhole Detail" on page 19 of 54. Some interceptor projects have not allowed these to be transitioned in the past if they were on the main interceptor line.

SARP10: Yes, the transition to a smaller diameter is allowed.



Request for Bid
Loos Interceptor Diversion Construction Addendum No. 2 to
RFB No. 199498.71.0394
August 6, 2018



Q18: Specification #: Section 02531-2.01-H, Item: 84" Flo-Tite Inverted Tee Manholes, Can you provide a detail for the top-most portion of these structures? In the past, a 60" diameter manhole was placed around these tee manholes for protection. They consisted of a 4' to 6' tall open bottom riser with a spread foot extension cast onto it. It was then topped out with a flattop slab with a cast-in watertight Memphis #7 rim and cover and a threaded vent stack stub for an extended vent stack. The flattop slab was required to have the bottom surface sprayed with coatings as required for the project. Annular space between the Flo-Tite pipe and manhole was to be field grouted. Assuming this method is still acceptable?
SARP10: There are no 84" Flo-Tite inverted Tee Manholes. The size is 54" FRP Inverted Tees. Yes, this method is still acceptable.

Q19: Is this project tax exempt?
SARP10: No, this project is not tax exempt.

Q20: Is there a geo-tech report for this project?
SARP10: No, a subsurface geotechnical survey has not been done for this project.

Q21: It appears the project specifications are missing the Good Faith Effort documents as stated in the City of Memphis Ordinance #5384. Please include the goof faith effort documents for the bid and specify if this form is required if DBE goals are not achieved.
SARP10: This Construction Contract is with Black & Veatch. The required documents for bidding the project are included in the RFB.

Q22: Are the Siphon Barrel Lines intended to be installed by open cut?
SARP10: No, the intent is for them to be directional boring.

Q23: Is a field office required for this project?
SARP10: No, the only requirement is that you have a place (box of some sort) to store SWPPP on site for someone to review. Also, you must have a place to post the required state and federal labor posters.



**Request for Bid
Loos Interceptor Diversion Construction Addendum No. 2 to
RFB No. 199498.71.0394
August 6, 2018**



Section 2
Updates to Articles or pages: 00170.16 Selection Schedule, 00370 Subcontract Commercial Bid Form*, Technical Specifications*

***Updated fillable bid form and full size drawing files are available for viewing and download at <http://www.sarp10.com/projects/>**

Table 00370.3.1 - Unit Price Bid Form

Bidder should refer to Section 00270, Instructions to Bidders, when completing this Bid Form. Bidder shall					
Bid Submitted by: (Company Name)					
00370.3 Bid Pricing Information					
00370.3.1 Unit Pricing					
Bidder proposes to complete the RFB Work based on firm, fixed, unit prices (US dollars), which prices multiplied by the final Work quantities would represent the full consideration to Bidder for its complete and satisfactory performance of the Work in compliance with all the terms and conditions of the RFB Documents. The Unit Prices in this Table include the cost of all the work which is required or implied by the RFB documents or which may be inferred therefrom, and which is customarily provided in furnishing a complete and finished work item of its kind. Further, any and all alterations, modifications, and adjustments to the work item, which is reasonably foreseeable or customarily encountered in providing and installing equipment, material, and services of the work item kind, will be performed without additional compensation.					
In the event of a Purchaser-approved change in the scope of Work for which a unit price from this Table is not applicable, as determined by the Purchaser, the Subcontractor shall provide a new unit price for review and acceptance by the Purchaser. Subcontractor shall provide all information requested by the Purchaser to substantiate the value of the new unit price.					
00370.3.1.1 Unit Prices				Bidder Response	
Item Number	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Extension Price
00001	Mobilization	LS	1		\$ -
01551-6.01	Traffic Control Devices for Construction Work Zones	LS	1		\$ -
02370-6.01	Rip-Rap at Stream Crossings	Ton	3,200		\$ -
02447-6.01	Silt Fence	LF	19,425		\$ -
02447-6.02	Construction Exit	EA	5		\$ -
02447-6.03	Rock Check Dams	EA	25		\$ -
02447-6.04	High Visibility Fence	LF	1,825		\$ -
02530-6.01	Undercut Backfill	Ton	9,800		\$ -
02530-6.02.08.01	8" Polyvinyl Chloride (PVC) Pipe, 6-12 feet deep	LF	1,236		\$ -
02530-6.02.08.02	8" Polyvinyl Chloride (PVC) Pipe, 12.1-18 feet deep	LF	402		\$ -
02530-6.02.08.03	8" Polyvinyl Chloride (PVC) Pipe, 18.1-24 feet deep	LF	100		\$ -
02530-6.02.10.01	10" Polyvinyl Chloride (PVC) Pipe, 6.1-12 feet deep	LF	209		\$ -
02530-6.02.10.02	10" Polyvinyl Chloride (PVC) Pipe, 12.1-18 feet deep	LF	50		\$ -
02530-6.02.10.03	10" Polyvinyl Chloride (PVC) Pipe, 18.1-24 feet deep	LF	872		\$ -
02530-6.02.10.04	10" Polyvinyl Chloride (PVC) Pipe, 24.1+ feet deep	LF	600		\$ -
02530-6.02.36.01	36" Polyvinyl Chloride (PVC) Pipe, 12-18 feet deep	LF	367		\$ -
02530-6.02.36.02	36" Polyvinyl Chloride (PVC) Pipe, 18.1-24 feet deep	LF	779		\$ -
02530-6.02.54.01	54" Fiber Reinforced (FRP) Pipe, 12-18 feet deep	LF	3,104		\$ -
02530-6.02.54.02	54" Fiber Reinforced (FRP) Pipe, 18.1-24 feet deep	LF	1,384		\$ -
02530-6.02.54.03	54" Fiber Reinforced (FRP) Pipe, 24.1-30 feet deep	LF	1,789		\$ -
02530-6.02.54.04	54" Fiber Reinforced (FRP) Pipe, 30+ feet deep	LF	1,119		\$ -
02530-6.03	Service Connection Removal & Replacement	EA	7		\$ -
02530-6.04	Pavement Backfill	CY	1,100		\$ -
02530-6.05	Bypass Pumping	LS	1		\$ -
02530-6.06	Dewatering for the Installation of Sewer	LF	8,550		\$ -
02530-6.07.24	24" DR11 HDPE Inverted Siphon	LS	1		\$ -
02530-6.07.28	28" DR11 HDPE Inverted Siphon	LS	1		\$ -
02530-6.07.36	36" DR11 HDPE Inverted Siphon	LS	1		\$ -
02531-6.01.48	48" Precast Manhole Installation	VF	202 196		\$ -
02531-6.01.60	60" Precast Manhole Installation	VF	89 108		\$ -
02531-6.01.72	72" Precast Manhole Installation	VF	41 42		\$ -
<u>02531-6.01.54</u>	<u>54" FLO-TITE Inverted Tee Manhole Installation</u>	<u>VF</u>	<u>267</u>		\$ -
<u>02531-6.01.84</u>	<u>84" FLO-TITE Inverted Tee Manhole Installation</u> <u>84" Precast Manhole Installation</u>	<u>VF</u>	269 21		\$ -
02531-6.01.96	96" Precast Manhole Installation	VF	62 21		\$ -

Item Number	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Extension Price
02531-6.02.01	15'X18' Siphon Structure 1 Installation	LS	1		\$ -
02531-6.02.02	15'X18' Siphon Structure 2 Installation	LS	1		\$ -
02531-6.02.03	19'X24' Special Structure 1 Installation	LS	1		\$ -
02531-6.02.04	15'X16' Special Structure 2 Installation	LS	1		\$ -
02531-6.03	Sewer Manhole Abandonment	EA	8		\$ -
02531-6.03.01	Sewer Manhole Abandonment - 4' Diameter	EA	6		\$ -
02531-6.03.02	Sewer Manhole Abandonment - 4' Diameter Trailer Park Area	EA	32		\$ -
02531-6.03.03	Sewer Manhole Abandonment - 6' Diameter Interceptor	EA	36		\$ -
02531-6.03.04	Disconnect Old Loos at Downstream End	EA	1		\$ -
02535-6.01	Standard Manhole Coating	VF	550		\$ -
02535-6.02	Special Structure Coating	VF	79		\$ -
02535-6.01.48	48" Diameter Manhole Coating	VF	196		\$ -
02535-6.01.60	60" Diameter Manhole Coating	VF	108		\$ -
02535-6.01.72	72" Diameter Manhole Coating	VF	42		\$ -
02535-6.01.84	84" Diameter Manhole Coating	VF	21		\$ -
02535-6.01.96	96" Diameter Manhole Coating	VF	21		\$ -
02535-6.02.01	Special Structure #1 Coating	VF	21		\$ -
02535-6.02.02	Special Structure #2 Coating	VF	24		\$ -
02535-6.02.03	Siphon Structure #1 Coating	VF	18		\$ -
02535-6.02.04	Siphon Structure #2 Coating	VF	16		\$ -
02541-6.01.08	Post Light Cleaning & Mainline CCTV Inspection for 8" Pipe	LF	1,737		\$ -
02541-6.01.12	Post Light Cleaning & Mainline CCTV Inspection for 10" Pipe	LF	1,731		\$ -
02541-6.01.10	Post Light Cleaning & Mainline CCTV Inspection for 10" Pipe	LF	1,731		\$ -
02541-6.01.36	Post Light Cleaning & Mainline CCTV Inspection for 36" Pipe	LF	1,146		\$ -
02541-6.01.54	Post Light Cleaning & Mainline CCTV Inspection for 54" Pipe	LF	7,404		\$ -
			7,396		\$ -
02544-6.01	Post GPS Coordinates of Cleanout or Manhole Cover	EA	38		\$ -
			44		\$ -
02544-6.02	Post MACP Level 1 Cleanout Inspection	EA	6		\$ -
			7		\$ -
02544-6.03	Post MACP Level 2 Manhole Inspection	EA	36		\$ -
			37		\$ -
02630-6.01.01	Site Preparation and Restoration	LS	1		\$ -
02630-6.01.02	Site Preparation for Roads for Facility Abandonment	LS	1		\$ -
02920-6.01	Seeding (With Mulch)	Unit of 1000 SF	650		\$ -
02920-6.02	Seeding (Without Mulch)	Unit of 1000 SF	30		\$ -
02920-6.03	Biodegradable Fabric	Unit of 1000 SF	630		\$ -
02921-6.01	Sodding (New Sod)	SY	7,000		\$ -
02921-6.02	Removing, Storing, and Resetting Sod	SY	100		\$ -
02950-6.01	Asphaltic Concrete Pavement Removal and Replacement	SY	750		\$ -
02950-6.02	Gravel Driveway or Area Removal and Replacement with Crushed Stone	Ton	200		\$ -
Total Estimated Unit Price Value					\$ -

and test equipment shall be checked at least annually against calibrated and certified test gauges and instruments. The Engineer shall have access to all records of tests and inspections related to the manufacture of the pipe, and, without notice to the manufacturer, shall also have the right to witness the manufacture of the pipe and any tests being performed by the manufacturer or his suppliers relative to products, materials, or the pipe being produced. Copies of records of tests and inspections shall be submitted if requested by the Engineer.

- a. Pipes: These shall be manufactured and tested in accordance with ASTM D 3262.
 - b. Joints: Coupling joints shall meet the requirements of ASTM D 4161 and/or produce a zero-leakage joint.
 - c. Stiffness: Minimum pipe stiffness when tested in accordance with ASTM D 2412 shall be 72 psi.
9. Fittings and Special Pipe: Fittings shall be contact molded or manufactured from mitered sections of pipe joined by glass-fiber-reinforced overlays, all capable of withstanding all operating conditions when installed.
 10. Curves of long radius shall be formed by the use of bevel end pipe or by the use of bevel adapters. Deflection of pipe joints to form the long radius curves will not be accepted. Special pipes shall be designed to provide the same strength as the adjacent pipe. Branch connections or openings, such as manholes and bypass pumping connections, shall be incorporated in straight pipe and shall be suitably reinforced. Special pipes shall be provided with joints corresponding to those on adjoining straight pipes. Special ends shall be provided on pipe, where required, to connect to pipe of other manufacturers and special structures.
 11. Unloading Handling and Storage: All pipe shall be inspected at time of delivery, and damaged pieces rejected and removed from the site of the work. Unloading shall be done by mechanical equipment designed to properly handle the pipe. Dropping pipe from delivery vehicles will not be permitted. Pipe shall be stored in an orderly manner to protect the pipe from injury, and from damage by freezing, all in accordance with the manufacturer's written instructions.
- I. Adapters and Couplings
1. At the direction of the Purchaser, a connection of sanitary sewer pipes, 8 inches through 16 inches, of dissimilar material, different sizes or for the repair of sanitary sewer pipes of similar material may be made by means of an approved compression or mechanical connector or adapter. The gaskets for compression connectors or adapters shall be manufactured of an approved preformed elastomeric material conforming to applicable sections of ASTM Standards C 143, C 425, C 564, and D 3212. Mechanical couplings or adapters shall have tightening clamps or devices made of 300 series stainless steel with a stainless steel shear ring and stainless steel hardware, as specified in ASTM A 167. If a stainless steel shear band is not used, a concrete collar shall be required. Each connector and adapter shall bear the manufacturer's name and required markings. Installation shall be by the manufacturer's recommendations.
 2. At the direction of the Purchaser, a connection of sanitary sewer pipes (18 inches in diameter and larger) of dissimilar material, different sizes or for the repair of sanitary sewer pipes of similar material may be made in accordance with this Specification. Mechanical connectors meeting the above requirements may be used at the direction of the Purchaser.

CITY OF MEMPHIS--STANDARD CONSTRUCTION SPECIFICATIONS
Modified By SARP10 Program

which price will be full compensation for preparing the structure for abandonment, sealing connecting pipes, furnishing and placing backfill material, compaction, handling of salvageable materials, and disposal of debris.

6.04 PAYMENT WILL BE MADE UNDER:

Item No.	Pay Item	Pay Unit
02531-6.01.48	48" PRECAST MANHOLE INSTALLATION	VERTICAL FOOT
02531-6.01.60	60" PRECAST MANHOLE INSTALLATION	VERTICAL FOOT
02531-6.01.72	72" PRECAST MANHOLE INSTALLATION	VERTICAL FOOT
<u>02531-6.01.54</u>	<u>54" FRP INVERTED TEE MANHOLE INSTALLATION</u>	<u>VERTICAL FOOT</u>
<u>02531-6.01.84</u>	<u>84" PRECAST MANHOLE INSTALLATION</u>	<u>VERTICAL FOOT</u>
02531-6.01.96	96" PRECAST MANHOLE INSTALLATION	VERTICAL FOOT
02531-6.02.01	15x18 SIPHON STRUCTURE 1 INSTALLATION	LUMP SUM
02531-6.02.02	15x18 SIPHON STRUCTURE 2 INSTALLATION	LUMP SUM
02531-6.02.03	19x24 SPECIAL STRUCTURE 1 INSTALLATION	LUMP SUM
02531-6.02.04	15x16 SPECIAL STRUCTURE 2 INSTALLATION	LUMP SUM
<u>02531-6.03.01</u>	<u>SEWER MANHOLE ABANDONMENT-4' DIAMETER</u>	<u>EACH</u>
<u>02531-6.03.02</u>	<u>SEWER MANHOLE ABANDONMENT-4'DIAMETER TRAILER PARK AREA</u>	<u>EACH</u>
<u>02531-6.03.03</u>	<u>SEWER MANHOLE ABANDONMENT-6' DIAMETER INTERCEPTOR</u>	<u>EACH</u>
<u>02531-6.03.04</u>	<u>DISCONNECT OLD LOOS AT DOWNSTREAM END</u>	<u>EACH</u>

END OF SECTION 02531

CITY OF MEMPHIS – STANDARD CONSTRUCTION SPECIFICATIONS
 Modified by SARP10 Program

- A. A standard manhole coating shall be paid for per vertical foot and shall include surface preparation, up to four hours of continuous leak-stop grouting, sprayed on lining, cleanup, and all testing.

6.02 SPECIAL STRUCTURE COATING

- A. Special structure coating shall be paid for per vertical foot and shall include surface preparation, up to four hours of continuous leak-stop grouting, sprayed on lining, cleanup, and all testing.

6.03 BYPASS PUMPING

- A. This item shall be paid for under item 02530-6.05. No payment will be made for bypass pumping under this section.

PAYMENT WILL BE MADE UNDER:

<u>Item No.</u>	<u>Pay Item</u>	<u>Pay Unit</u>
02535-6.01	STANDARD MANHOLE COATING	VF
02535-6.02	SPECIAL STRUCTURE COATING	VF
<u>02535-6.01.48</u>	<u>48" DIAMETER MANHOLE COATING</u>	<u>VF</u>
<u>02535-6.01.60</u>	<u>60" DIAMETER MANHOLE COATING</u>	<u>VF</u>
<u>02535-6.01.72</u>	<u>72" DIAMETER MANHOLE COATING</u>	<u>VF</u>
<u>02535-6.01.84</u>	<u>84" DIAMETER MANHOLE COATING</u>	<u>VF</u>
<u>02535-6.01.96</u>	<u>96" DIAMETER MANHOLE COATING</u>	<u>VF</u>
<u>02535-6.02.01</u>	<u>SPECIAL STRUCTURE #1 COATING</u>	<u>VF</u>
<u>02535-6.02.02</u>	<u>SPECIAL STRUCTURE #2 COATING</u>	<u>VF</u>
<u>02535-6.02.03</u>	<u>SIPHON STRUCTURE #1 COATING</u>	<u>VF</u>
<u>02535-6.02.04</u>	<u>SIPHON STRUCTURE #2 COATING</u>	<u>VF</u>

END OF SECTION 02535

CITY OF MEMPHIS – STANDARD CONSTRUCTION SPECIFICATIONS
Modified by SARP10 Program

1. No additional payment will be made for:
 - a. Re-inspection due to rejected inspection and/or records for any reason.
 - b. Reversals.
 - c. Performing excavation and associated sewer point repair to retrieve a stuck CCTV camera or hydraulic cleaning hose/nozzle.
 - d. Incomplete electronic logs.
 - e. Unapproved duplication of inspections: The Subcontractor is responsible to ensure duplications do not occur.

6.02 PAYMENT WILL BE MADE UNDER:

<u>Item No.</u>	<u>Pay Item</u>	<u>Pay Unit</u>
02541-6.01.08	POST LIGHT CLEANING & MAINLINE CCTV INSPECTION FOR 8" PIPE	LF
<u>02541-6.01.10</u>	<u>POST LIGHT CLEANING & MAINLINE CCTV INSPECTION FOR 10" PIPE</u>	<u>LF</u>
02541-6.01.12	POST LIGHT CLEANING & MAINLINE CCTV INSPECTION FOR 12" PIPE	LF
02541-6.01.36	POST LIGHT CLEANING & MAINLINE CCTV INSPECTION FOR 36" PIPE	LF
02541-6.01.54	POST LIGHT CLEANING & MAINLINE CCTV INSPECTION FOR 54" PIPE	LF

END OF SECTION 02541

CITY OF MEMPHIS—STANDARD CONSTRUCTION SPECIFICATIONS
Modified By SARP10 Program

A. Payment will be made for Site Preparation and Restoration at the contract lump sum price, which price will be full compensation for removal and/or protection of trees, shrubs, plants, brush, rubbish, fences, man-made obstructions including but not limited to structures, abandoned appliances, building foundations, and all other obstructions as may directed by the Owner; the disposal of debris and obstructions removed; and the restoration of trees, shrubs, plants, fences; restoration of turfed areas outside of right-of-way, permanent easement and cut and fill slopes, and all other items as shall be specified in the Plans and Contract Documents or directed by the Owner.

6.02 PAYMENT WILL BE MADE UNDER:

<u>Item No.</u>	<u>Pay Item</u>	<u>Pay Unit</u>
02630-6.01.01	SITE PREPARATION AND RESTORATION MANHOLE COATING	LUMP SUM
<u>02630-6.01.02</u>	<u>SITE PREPARATION FOR ROADS FOR FACILITY ABANDONMENT</u>	<u>LUMP SUM</u>

**END OF SECTION
02630**