

# BOARD OF PUBLIC WORKS AND SAFETY

## Agenda Request Form

Organizations and individuals are asked to submit a request form and supporting documents requesting to be placed on the agenda. You will be contacted by the City confirming the date of the meeting in which your request will be heard.

Please make sure that your contact information is accurate in case we need to get in touch with you. The Board of Works meets on the 1st and 3rd Monday of each month at 5:15 p.m. in City Hall located at 70 E. Monroe Street.

Date Submitted: 6/13/2019

Requested Meeting Date: 6/17/2019

Confirmed Meeting Date:

Received by:

**Contact Information: Please provide all requested information in the fields below. (Print or Type)**

On Behalf of Organization or Individual:

Name: Sally Brown

Telephone: 317-736-3640

Title or Position:

Interim Super of DPW

E-Mail: Sbrown@franklin.in.gov

Address: S State Street

City: Franklin

State: IN

ZIP: 46131

**Who will attend the meeting and present the request?**

Name: Sally Brown

Telephone: 317-736-3640

Title or Position:

Interim Super of DPW

E-Mail:

Sbrown@franklin.in.gov

**Please describe the purpose or title of your presentation.**

Change Order #1 Miller Pipeline

**Supporting documents: All supporting documents should be submitted with the request form.**

1. Change Order #1

2.

3.

4.

Questions about this application or the process described should be directed to the Clerk Treasurer's Office at 70 E. Monroe Street, Franklin Indiana 46131 or by email at [jalexander@franklin.in.gov](mailto:jalexander@franklin.in.gov) or call 317-736-3609.

## CHANGE ORDER

Change Order No. 1

DATE OF ISSUANCE: 06/12/2019

EFFECTIVE DATE: \_\_\_\_\_

Owner: City of Franklin Department of Public Works

Contractor: Miller Pipeline

Project: 2018 Sanitary Sewer and Manhole Rehabilitation Project

Owner's Contract No. N/A

The Contract is modified as follows upon execution of this Change Order:

Description: **Deduct of work along Forsyth Street; Addition of nine (9) point repairs; Increase mil thickness of liner for segment 460010-460010A; Addition of a 10" CIPP patch in segment 240070-240060 (Adams Drive); Addition of Manhole Rehabilitation (MH260111); Addition of Flowfill, Milling, and Paving based on requirements from City Engineer.**

Attachments: **Attachment No. 1: Franklin, IN – 2018 Sanitary Sewer and Manhole Rehabilitation Project Tracking**  
**Attachment No. 2: Email (10/1/18) re: City Engineer Requirements with Attachments**  
**Attachment No. 3: Email (1/4/19) re: Removal of Forsyth Street Work from Scope with Tracking Data**

CHANGE IN CONTRACT PRICE:

Original Contract Price

\$ 468,005.00

[Increase] [Decrease] from previously approved  
Change Orders No. \_\_\_\_ to \_\_\_\_:

\$ 0.00

Contract Price prior to this Change Order:

\$ 468,005.00

Increase of this Change Order:

\$ 24,896.60

Contract Price incorporating this Change Order:

\$ 492,901.60

ACCEPTED:

By: \_\_\_\_\_

Owner (Authorized Signature)

Title: \_\_\_\_\_

Date: \_\_\_\_\_

ACCEPTED:

By: \_\_\_\_\_

Contractor (Authorized Signature)

Title: \_\_\_\_\_

Date: \_\_\_\_\_

ATTACHMENT NO. 1: FRANKLIN, IN - 2018 SANITARY SEWER AND MANHOLE REHABILITATION PROJECT TRACKING

Franklin, IN - 2018 Sanitary Sewer And Manhole Rehabilitation Project Tracking

Bid Item Number	Description	Bid Quantity	Unit	Unit Price	Bid Amount	Quantity Completed	Total to be Invoiced
1	Mobilization And Demobilization Max 5% of base bid	1	LS	\$2,200.00	\$2,200.00	1.0	\$2,200.00
2	Maintenance of Traffic	1	LS	\$3,000.00	\$3,000.00	1.0	\$3,000.00
3	CIPP Sewer Lining 6 inch Diameter	900	LF	\$36.75	\$33,075.00	819.0	\$30,098.25
4	CIPP Sewer Lining 8 inch Diameter	4,800	LF	\$22.00	\$105,600.00	1,751.0	\$38,512.00
5	CIPP Sewer Lining 10 inch Diameter	1,900	LF	\$26.75	\$50,825.00	997.0	\$26,689.75
6	CIPP Sewer Lining 12 inch Diameter	800	LF	\$37.35	\$30,000.00	267.0	\$9,971.45
7	CIPP Sewer Lining 15 inch Diameter	300	LF	\$42.00	\$12,600.00	0.0	\$0.00
8	Fold and Form Sewer Lining 15 inch Diameter	300	LF	\$42.00	\$12,600.00	0.0	\$0.00
9	Sewer Point Repair w/ PVC Pipe All Dia up to 10ft Length	6	EA	\$7,580.00	\$45,480.00	6.0	\$45,480.00
10	Manhole Rehabilitation Structural Lining All Dia	2,800	LF	\$4.15	\$11,620.00	3,877.0	\$15,887.05
11	Replace Manhole Frame and Cover	180	VF	\$152.00	\$27,360.00	143.25	\$21,917.25
12	Install New Manufactured Internal Chimney Seal	20	EA	\$1,520.00	\$30,400.00	18.0	\$27,360.00
13	Manhole Defect Repair Grouting Frame Alignment Laterals	13	EA	\$1,320.00	\$17,160.00	12.0	\$15,840.00
14	Replace Manhole All Dia	40	VF	\$1,252.00	\$50,080.00	32.6	\$40,855.20
15	Contingency Allowance	1	LS	\$60,000.00	\$60,000.00	2.07	\$124,249.30
16	Overstreet Ave. Point Repair @ 26' Offset Joint	---	EA	\$7,580.00	---	1.0	\$7,580.00
---	Adams Drive Point Repair Protruding Tap @ 200'	---	EA	\$7,580.00	---	1.0	\$7,580.00
---	Adams Drive Point Repair Broken Service @ 140'	---	EA	\$7,580.00	---	1.0	\$7,580.00
---	Adams Drive Point Repair Broken Service @ 110'	---	EA	\$7,580.00	---	1.0	\$7,580.00
---	Adams Drive PR - Milling - Paving Adder	---	EA	\$5,692.50	---	1.0	\$5,692.50
---	Adams Drive Point Repair - Broken Service @ 46'	---	EA	\$7,580.00	---	1.0	\$7,580.00
---	Adams Drive PR - Milling - Paving Adder	---	EA	\$4,548.50	---	1.0	\$4,548.50
---	Hamilton Avenue Point Repair - Flowfill - Milling - Paving Adder	---	EA	\$7,580.00	---	1.0	\$7,580.00
---	Glendale Dr. Point Repair	---	EA	\$2,878.00	---	1.0	\$2,878.00
---	Glendale Dr. Point Repair - Flowfill - Milling - Paving Adder	---	EA	\$3,493.00	---	1.0	\$3,493.00
---	Howe Street PR - Flowfill - Milling - Paving Adder	---	EA	\$4,616.00	---	1.0	\$4,616.00
---	Cincinnati St. PR - Flowfill - Milling - Paving Adder	---	EA	\$6,058.80	---	1.0	\$6,058.80
---	Oyster St. PR - Flowfill - Milling - Paving Adder	---	EA	\$5,263.50	---	1.0	\$5,263.50
---	Increase of mill thickness on slot 460010 to 460010A 3" 6mm to 8" x 7.5mm	---	LS	\$629.00	---	1.0	\$629.00
---	Patch Installation - Adams Dr. 240070 to 240080 - 10" CIPP Patch	---	LS	\$4,200.00	---	1.0	\$4,200.00
---	MHW 260151 (Coburn & Hamilton) - Flowfill - Milling - Paving Adder	---	LS	\$4,191.00	---	1.0	\$4,191.00
---	MHW 310130 (Near Yandes & Oyer) - Flowfill - Milling - Paving Adder	---	LS	\$4,191.00	---	1.0	\$4,191.00
---	MHW 310131 (Yandes & Oyer) - Flowfill - Milling - Paving Adder	---	LS	\$4,191.00	---	1.0	\$4,191.00
---	MHW 310132 (Duane & Oyer) - Flowfill - Milling - Paving Adder	---	LS	\$4,191.00	---	1.0	\$4,191.00
---	MHW 260111 Rehabilitation (in lieu of replacement)	---	LS	\$1,650.00	---	1.0	\$1,650.00
Totals							\$492,901.60

(974,896.60) Anticipated Change Order Amount

Actual 819.0 900.0 Bid 900.0  
\*Lining of segment 260150 to 260151 removed (replaced with PR at 18')

8" CIPP+FF 3,480.0 4,600.0

10" CIPP+FF 2,238.0 1,900.0 \*Includes Howe St.

12" CIPP+FF 592.0 600.0

15" CIPP+FF 0.0 300.0

~885 feet of cleaning done on Forsyth. Would've been covered by lining cost.

\*\*Per 11/9/18 Email (\$2,445.00 for flow fill; \$2,730 for milling/moving; 10% markup for Miller)

\*\*Per 11/9/18 Email (\$2,445.00 for flow fill; \$1,690 for milling/moving; 10% markup for Miller)

\*\*Per Kurt Zeisler based on Culy's March Billing - \$9,462 billed by Culy; 10% markup for Miller = \$10,408; Subtract Unit Price for PR of \$7,580 = \$2,828

\*\*Per Kurt Zeisler based on Culy's March Billing - \$10,065 billed by Culy; 10% markup for Miller = \$11,073; Subtract Unit Price for PR of \$7,580 = \$3,493

\*\*Per Kurt Zeisler based on Culy's March Billing - \$11,087 billed by Culy; 10% markup for Miller = \$12,196; Subtract Unit Price for PR of \$7,580 = \$4,616

\*\*Per 11/9/18 Email (\$2,445.00 for flow fill; \$3,063 for milling/moving; 10% markup for Miller)

\*\*Per 11/9/18 Email (\$2,445.00 for flow fill; \$2,340 for milling/moving; 10% markup for Miller)

\*\*Per 11/9/18 Email (\$2,445.00 for flow fill; \$1,365 for milling/moving; 10% markup for Miller)

\*\*Per 11/9/18 Email (\$2,445.00 for flow fill; \$1,365 for milling/moving; 10% markup for Miller)

\*\*Per 11/9/18 Email (\$2,445.00 for flow fill; \$1,365 for milling/moving; 10% markup for Miller)

**Fairfax, Spencer**

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**From:** Zeisler, Kurt <Kurt.Zeisler@millerpipeline.com>  
**Sent:** Monday, October 1, 2018 2:42 PM  
**To:** Fairfax, Spencer  
**Cc:** 'Aaron Anderson (AaronA@culycontracting.com)'; Smith, Brian; Flanagan, John  
**Subject:** Point Repairs  
**Attachments:** City of Franklin Engineer - info.jpg; City of Franklin Technical Specifications - RESTORATION.PDF

Spencer,

It has come to our sub-contractors (Culy Contractors) attention from the city that they have to use flowable backfill on the holes dug for the point repairs. While they do not have a problem doing this, they priced their work going by what was in the cities point repair specification on the their website. This specification callout for using compacted granular material which is the way they priced them. They are asking if the city could help out with the extra cost of using the flowable backfill? Also the city engineer is requesting them to do a lot more on the asphalt repair than what is called out in the specifications. While once again they don't have a problem doing that but would like some help on the extra cost associated with this change. I have attached a copy of the specification and the text message they received from the city engineer on the asphalt repair. If you have any questions on this let me know.

Thanks,

Kurt Zeisler  
Miller Pipeline Corp.  
317-691-9142

**Kurt Zeisler**  
Superintendent  
O | C 317.691.9142  
E Kurt.Zeisler@millerpipeline.com

[www.millerpipeline.com](http://www.millerpipeline.com)





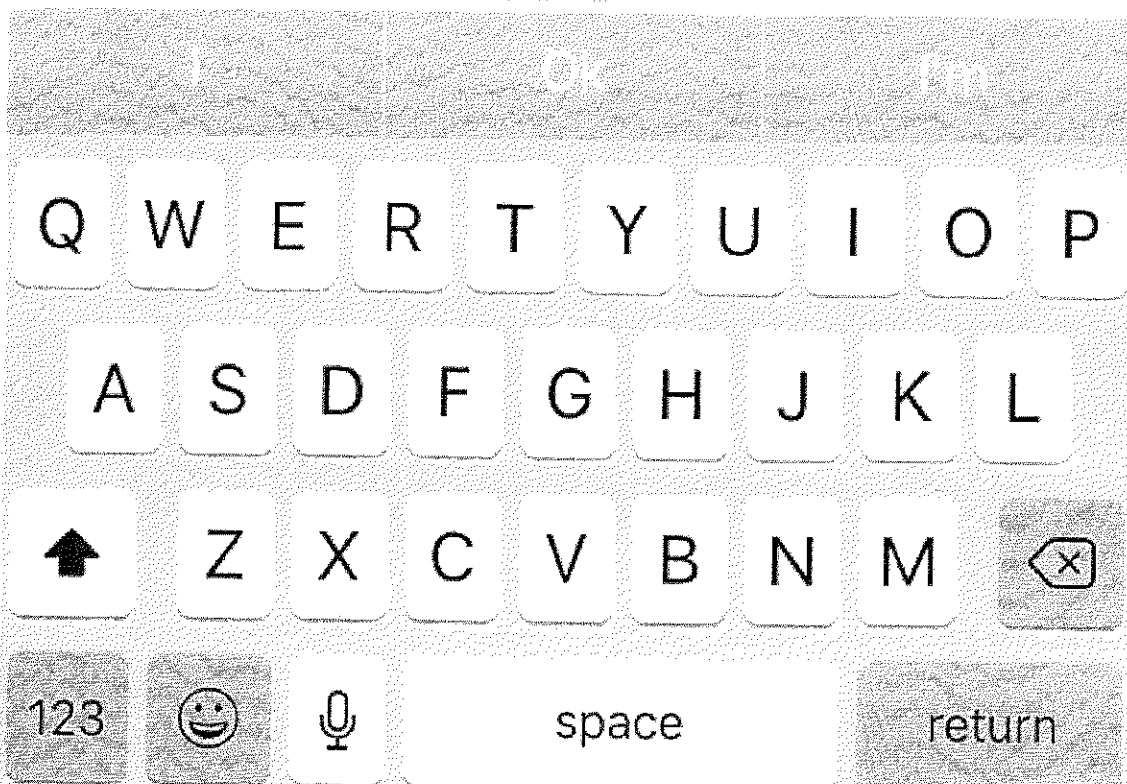
Mark



It should be flowable fill to the surface. They then have to come back and mill 1.5 inches of the repair area 5 ft past each side of the excavation in the direction of travel, and from edge of pavement to centerline. If the excavation crosses the centerline, they have to mill edge of pavement to edge of pavement. 1.5 inches of surface goes back.



Message



## SECTION 8

### RESTORATION OF SURFACES

#### 8.01 General

Restoration of surfaces within the public right-of-way and easements shall include the removal of the existing surface, the disposal of the surplus material and the construction of new surfaces and adjusting all new and existing structures for proper grade prior to paving as indicated on the plans and/or as specified in these Specifications.

#### 8.02 Restoration of Paved Surfaces

##### A. Restoration

After all excavations within the limits of paved surfaces have been properly backfilled and compacted, the paved surfaces shall be restored to a condition as good as or better than existed prior to the beginning of the work, in accordance with the following specifications.

Paved Surfaces: Streets, alleys, sidewalks, driveways, curbs and gutters, not constructed or maintained by the State Highway Department, but paved with asphalt, concrete, cinders, crushed stone, waterbound macadam, oil-bound macadam, or heterogenous paving materials, which are wholly or partially removed, damaged, or disturbed by the Contractor's operations, shall be restored with like or better materials, acceptable to the City Engineer and DPW, to a condition as good as or better than existed prior to the beginning of the work, so that movement of traffic, both vehicular and pedestrian, through the restored way shall be as free, safe and unimpeded as before.

##### B. Temporary Surface

Temporary trench surfaces shall be installed and maintained in accordance with these specifications. This temporary surface shall be maintained by the Contractor until the permanent pavement is placed. Before placing permanent pavement, all or parts of the temporary surface shall be removed, as necessary, and hauled from the site of the work.

##### C. Temporary Pavement Replacement

Trench surfaces of highly traveled streets and roads may be, at the direction of DPW, required to receive a temporary pavement replacement of cold mixed bituminous pavement. This temporary pavement shall be surface mixture Class A or B prepared and placed in accordance with Section 406 - Cold Mixed Bituminous Pavement of the latest edition of the Indiana State Highway Department Specifications. Prime and tack coats shall not be required. All temporary pavement shall be maintained by the Contractor to proper grade so as not to impede the safe flow of traffic until the permanent pavement replacement is made.

##### D. Permanent Paving

Permanent paved surfaces shall be restored in accordance with the following requirements, unless otherwise set forth by the City Engineer, in all cases, the methods and materials of restoration shall meet the requirements of the Indiana State Highway Department, as applicable.

1. Class "B" Concrete Pavement

Existing local streets, roads, alleys, driveways and parking areas consisting of concrete pavement shall be restored according to the following requirements.

Areas subjected to excavation or damage by the Contractor are to be replaced as a whole. Sidewalks to be replaced in complete sections, streets and driveways as complete sections or replaced with sections that coincide with the original pattern, and to the DPW's and/or City Engineer's satisfaction.

Prior to placing concrete, the existing edges are to be saw-cut in a neat straight manner, sub-base compacted, wetted down and edges swept clean. The use of flexible joint material is required as needed. All chunks of existing material larger than three by three (3 x 3) inches are to be removed.

Class "B" concrete pavement shall consist of a cast in place, layer of Class A concrete with one (1) layer of woven wire fabric (6 x 6 - W1.4 x W1.4) meeting ASTM Designation 497. The concrete layer shall be six (6) inches thick. All rigid concrete pavement work and materials shall meet the latest specifications of the Indiana State Highway Department.

2. Class "C" Asphalt Pavement

Existing local streets and roads consisting of asphalt paving shall be restored with binder and surface of the thickness specified and as follows:

Areas subject to Class C asphalt pavement replacement shall have the existing edges (those created by cutting prior to excavation) re-cut in a neat straight manner as to remove irregularities and damaged areas. Manholes, service line trenches and existing valve areas are to be boxed out in a neat manner. All cuts shall be parallel or perpendicular to the trench. Curved or diagonal cuts shall not be allowed. All chunks of existing material larger than three by three (3 x 3) inches are to be removed.

The aggregate base course, including the previously placed temporary surface or pavement, shall have the upper portions removed to allow placement of the binder and surface. After the base is cutback, it shall be re-compacted with a ten (10) ton roller or other suitable equipment if approved by the City Engineer. Care shall be taken to assure that not less than six (6) inches of compacted aggregate base remains below the permanent pavement.

The binder course(s) shall consist of compacted Hot Asphaltic Concrete, Type A, Size No. 9 as defined by the latest edition of the Indiana State Highway Specifications. Compaction shall be accomplished with suitable smooth wheel rollers. Generally, conventional self-propelled rollers of not less than 10 tons gross weight shall be used. The City Engineer may allow other specialized rollers for narrow trenches or lighter rollers with vibratory action. The City Engineer shall consider alternate equipment only if Contractor requests same in writing and includes technical data on the specific equipment to be considered.

The quantity and thickness of binder courses required shall match the existing pavement, but not less than one (1) course, two (2) inches in thickness.

The surface course shall consist of compacted Hot Asphaltic Concrete Surface Type A, (Size No. 11 or 12)' as defined by the latest edition of the Indiana State Highway Specifications and placed in the same manner as described above for binder. The surface thickness shall match the existing pavement, but not less than one (1) inch.

3. Adjustments of Shoulders Necessitated by Resurfacing

The shoulders of the road shall be adjusted to the elevation of the resurfacing with all materials (i.e., earth, sod, gravel, crushed stone, asphalt, etc.) necessary. The transition may be made within a distance of one (1) foot to one and one-half (1 & 1/2) feet from the edge of paving except in unusual cases where a greater distance is required. Existing driveways shall be primed and wedged from a featheredge to the final height of the resurfaced street paving.

**8.03 Restoration of Ground Surfaces**

All ground surfaces in public Rights of Way and easements that have been damaged or destroyed by the Contractor's operations shall be restored in accordance with the following specifications. All surplus material, rock, trees, shrubs, concrete pipe, asphalt, crushed stone, etc., not to be used in the Contractor's restoration operations shall be removed from the site and disposed of in an acceptable manner.



1. Restoration of Grassed Areas with Sod

Where shown on the plans or required by the DPW or City Engineer, established grassed areas shall be restored with sod containing grasses of comparable quality. Sod shall be placed and rolled so that the final elevations of the area being restored are the same as existed prior to the beginning of construction. Sod shall be pegged where necessary, and shall be watered and cared for to assure its survival.

2. Restoration of Grassed Areas with Seed and Mulch

The Contractor shall seed and mulch in one of the following manners:

a. The ground shall be loosened approximately three (3) inches deep with a disc or a harrow and fertilized with twenty-five (25) pounds of 10-10-10, or equivalent, and one hundred (100) pounds of agricultural lime per one thousand (1,000) square feet.

The mixture of seed applied shall be as follows:

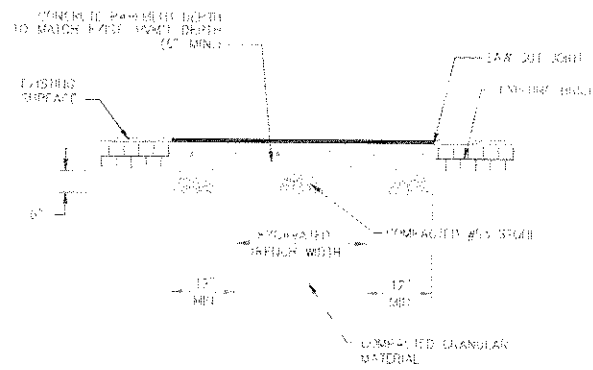
	35% Kentucky Bluegrass
	30% Perennial Rye Grass
(Lolium Perenne)	
30% Kentucky 31 Fescue	
5% Inert Matter	

The seed shall be applied at a rate of four (4) pounds per one thousand (1,000) square feet and shall be well raked or boarded into the soil and mulched with straw of sufficient thickness to hold the seed until it has germinated.

b. Mulching Material: Materials for mulching shall be wheat, oats, barley or rye straw only. All materials shall be reasonably free from weed seeds, foreign material, and other grasses and chaff, and shall contain no Johnson Grass. The straw shall be reasonably bright in color and shall not be musty, moldy, caked, or of otherwise low quality. The straw shall be dry on delivery, and spread evenly.

Mulch net may be required on special areas designated by the DPW to hold mulch in place until turf is established. The net shall be made of a tightly twisted craft paper yarn, leno woven with a wrap count of one (1) pair of yarns per two (2) inches and a filling count of two (2) per inch. Salvage edges and center shall be reinforced with polyethylene filament. The material shall have a minimum width of forty-five (45) inches.





CONCRETE RABBLED BOTTOM

FORCE MAIN DROP INTO EXISTING MANHOLE

REVISION DATE

CITY of FRANKLIN, INDIANA

**DPW**

FIGURE

Illustration 8-2

# ATTACHMENT NO. 3: EMAIL (1/4/19) RE: REMOVAL OF FORSYTH STREET WORK FROM SCOPE WITH TRACKING DATA

**Fairfax, Spencer**

**From:** Fairfax, Spencer  
**Sent:** Friday, January 4, 2019 4:01 PM  
**To:** Smith, Brian; Zeisler, Kurt  
**Subject:** RE: Franklin, In.

Hi Brian and Kurt

I apologize for my delayed responses to you on this. I was waiting to have a discussion with Rick Littleton prior to replying.

Based on your original scope and the approval of additional work utilizing the contingency allowance in our August 21, 2018 memo, Kurt and I developed what we believe is an appropriate invoice for work completed to-date. Please review and let me know if you are in agreement with these quantities.

Bid Item Number	Description	Bid Quantity	Unit	Unit Price	Bid Amount	Quantity This Invoice	Total Amount This Invoice	Quantity to Date	Total Amount to Date
1	Mobilization And Demobilization Max 5% of base bid	1	LS	\$2,200.00	\$2,200.00	0.5	\$1,100.00	0.5	\$1,100.00
2	Maintenance of Traffic	1	LS	\$3,000.00	\$3,000.00	0.5	\$1,500.00	0.5	\$1,500.00
3	CIPP Sewer Lining 6 inch Diameter	---	LF	\$36.75	---	331.0	\$12,164.25	331.0	\$12,164.25
4	CIPP Sewer Lining 8 inch Diameter	---	LF	\$22.00	---	1,751.0	\$38,522.00	1,751.0	\$38,522.00
5	CIPP Sewer Lining 10 inch Diameter	---	LF	\$26.75	---	701.0	\$18,751.75	701.0	\$18,751.75
6	CIPP Sewer Lining 12 inch Diameter	---	LF	\$37.35	---	267.0	\$9,972.45	267.0	\$9,972.45
7	CIPP Sewer Lining 15 inch Diameter	---	LF	\$42.00	---	0.0	\$0.00	0.0	\$0.00
8	Sewer Point Repair w/ PVC Pipe All Dia up to 10ft Length	6	EA	\$7,580.00	\$45,480.00	6.0	\$45,480.00	6.0	\$45,480.00
9	Sewer Heavy Cleaning and Root Removal All Dia	2,800	LF	\$4.15	\$11,620.00	3,827.0	\$15,882.05	3,827.0	\$15,882.05
10	Manhole Rehabilitation Structural Lining All Dia	180	VLF	\$153.00	\$27,540.00	0.0	\$0.00	0.0	\$0.00
11	Replace Manhole Frame and Cover	20	EA	\$1,320.00	\$26,400.00	0.0	\$0.00	0.0	\$0.00
12	Install New Manufactured Internal Chimney Seal	9	EA	\$440.00	\$3,960.00	0.0	\$0.00	0.0	\$0.00
13	Elevate Manhole to Grade	13	EA	\$1,100.00	\$14,300.00	0.0	\$0.00	0.0	\$0.00
14	Manhole Defect Repair Grouting Frame Alignment Laterals	13	EA	\$1,320.00	\$17,160.00	0.0	\$0.00	0.0	\$0.00
15	Replace Manhole All Dia	40	VLF	\$1,252.00	\$50,080.00	32.7	\$40,940.40	32.7	\$40,940.40
16	Contingency Allowance	1	LS	\$60,000.00	\$60,000.00	0.84	\$50,309.00	0.84	\$50,309.00
	Overstreet Ave. Point Repair @ 26' Offset Joint	---	EA	\$7,580.00	---	1.0	\$7,580.00	1.0	\$7,580.00

	Adams Drive Point Repair Protruding Tap @ 200'	---	EA	\$7,580.00	---	1.0	\$7,580.00	1.0	\$7,580.00
	Adams Drive Point Repair Broken Service @ 140'	---	EA	\$7,580.00	---	1.0	\$7,580.00	1.0	\$7,580.00
	Adams Drive Point Repair Broken Service @ 110'	---	EA	\$7,580.00	---	1.0	\$7,580.00	1.0	\$7,580.00
	Adams Drive Point Repair Broken Service @ 174'	---	EA	\$7,580.00	---	1.0	\$7,580.00	1.0	\$7,580.00
	Adams Drive Point Repair Broken Service @ 146'	---	EA	\$7,580.00	---	1.0	\$7,580.00	1.0	\$7,580.00
	Increase of mill thickness on shot 460010 to 460010A 8" 6mm to 8" x 7.5mm	---	LS	\$629.00	---	1.0	\$629.00	1.0	\$629.00
	Patch Installation - Adams Dr. 240070 to 240060 - 10" CIPP Patch	---	LS	\$4,200.00	---	1.0	\$4,200.00	1.0	\$4,200.00
3A	Fold and Form Sewer Lining 6 inch Diameter	900	LF	\$34.00	\$30,600.00	0.0	\$0.00	0.0	\$0.00
4A	Fold and Form Sewer Lining 8 inch Diameter	4,600	LF	\$20.00	\$92,000.00	1,729.0	\$34,580.00	1,729.0	\$34,580.00
5A	Fold and Form Sewer Lining 10 inch Diameter	1,900	LF	\$26.35	\$50,065.00	1,241.0	\$32,700.35	1,241.0	\$32,700.35
6A	Fold and Form Sewer Lining 12 inch Diameter	600	LF	\$35.00	\$21,000.00	0.0	\$0.00	0.0	\$0.00
7A	Fold and Form Sewer Lining 15 inch Diameter	300	LF	\$42.00	\$12,600.00	0.0	\$0.00	0.0	\$0.00
				<b>Totals</b>	<b>\$468,005.00</b>		<b>\$301,902.25</b>		<b>\$301,902.25</b>

For the remainder of the work to be completed, we have the following comments:

- 1) All scoped work related to rehabilitation in Forsyth Street that hasn't been completed to-date will be removed from this Scope due to the environmental issues associated with that area.
- 2) Also, we no longer wish to include the CIPP patch in the Monroe Park Area that was listed in the August 21, 2018 memo, so this work should not be done.
- 3) The requested point repair on Howe Street may be completed prior to CIPP of the segment on Howe Street and added to the project Scope.
- 4) We will issue a change order dictating the removal of the Forsyth Street items, addition of the Howe Street Point Repair, addition of flowable fill for manhole backfilling, and addition of milling and paving requirements dictated by the City Engineer. The final dollar amount of the Change Order will be determined once we've had a chance to evaluate the theoretical amount that your subsequent invoice(s) will exceed the original Contract not-to-exceed value of \$468,005.00, if at all. This will be easier once the remaining work is completed and I can compare eliminated costs and added costs.

Please let me know if any of this is unclear.  
Thank you!  
Spencer

**From:** Smith, Brian [mailto:Brian.Smith@millerpipeline.com]  
**Sent:** Friday, January 4, 2019 8:46 AM  
**To:** Zeisler, Kurt <Kurt.Zeisler@millerpipeline.com>; Fairfax, Spencer <FairfaxS@bv.com>  
**Subject:** RE: Franklin, In.

Good morning Spencer,  
Can you please provide an update on our invoicing that needs to be processed.  
Thanks  
Brian

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**From:** Zeisler, Kurt  
**Sent:** Wednesday, January 02, 2019 10:43 AM  
**To:** Fairfax, Spencer  
**Cc:** Smith, Brian  
**Subject:** Re: Franklin, In.

Ok thanks  
Let us know.  
Thanks,  
Kurt  
Sent from my iPhone

**Kurt Zeisler**  
Superintendent  
O J C 317.691.9142  
E [Kurt.Zeisler@millerpipeline.com](mailto:Kurt.Zeisler@millerpipeline.com)

[www.millerpipeline.com](http://www.millerpipeline.com)



On Jan 2, 2019, at 9:58 AM, Fairfax, Spencer <[FairfaxS@bv.com](mailto:FairfaxS@bv.com)> wrote:

Hi Kurt,  
Unfortunately Rick was essentially out of the office from 12/21 to now and I was never able to sit down with him.  
I intend to resolve this as quickly as possible this week.  
Spencer

---

**From:** Zeisler, Kurt [<mailto:Kurt.Zeisler@millerpipeline.com>]  
**Sent:** Friday, December 28, 2018 11:27 AM  
**To:** Fairfax, Spencer <[FairfaxS@bv.com](mailto:FairfaxS@bv.com)>

Cc: Smith, Brian <[Brian.Smith@millerpipeline.com](mailto:Brian.Smith@millerpipeline.com)>; Flanagan, John <[John.Flanagan@millerpipeline.com](mailto:John.Flanagan@millerpipeline.com)>  
Subject: Franklin, In.

Spencer,  
Just wanted to touch base with you on the invoicing for Franklin. Have you been able to talk it over with Rick yet? Also where do we stand on the point repair on the 10" line in Howe St. I would like to get Culy in there to do it if Rick agrees. Let me know.  
Thanks,  
Kurt

Kurt Zeisler  
Superintendent  
O | C 317.691.9142  
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# FORSYTH STREET ITEMS REMOVED FROM SCOPE TRACKING DATA

## FORSYTH STREET ITEMS REMOVED FROM SCOPE

Bid Item Number	Description	Quantity	Unit	Unit Price	Amount
1	Mobilization And Demobilization Max 5% of base bid	0	LS	\$2,200.00	\$0.00
2	Maintenance of Traffic	0	LS	\$3,000.00	\$0.00
3	CIPP Sewer Lining 6 inch Diameter	0	LF	\$36.75	\$0.00
3A	Fold and Form Sewer Lining 6 inch Diameter	0	LF	\$34.00	\$0.00
4	CIPP Sewer Lining 8 inch Diameter	0	LF	\$22.00	\$0.00
4A	Fold and Form Sewer Lining 8 inch Diameter	620	LF	\$20.00	\$12,400.00
5	CIPP Sewer Lining 10 inch Diameter	0	LF	\$26.75	\$0.00
5A	Fold and Form Sewer Lining 10 inch Diameter	0	LF	\$26.35	\$0.00
6	CIPP Sewer Lining 12 inch Diameter	265	LF	\$37.35	\$9,897.75
6A	Fold and Form Sewer Lining 12 inch Diameter	0	LF	\$35.00	\$0.00
7	CIPP Sewer Lining 15 inch Diameter	0	LF	\$42.00	\$0.00
7A	Fold and Form Sewer Lining 15 inch Diameter	0	LF	\$42.00	\$0.00
8	Sewer Point Repair w/ PVC Pipe All Dia up to 10ft Length	0	EA	\$7,580.00	\$0.00
9	Sewer Heavy Cleaning and Root Removal All Dia	0	LF	\$4.15	\$0.00
10	Manhole Rehabilitation Structural Lining All Dia	27	VLF	\$153.00	\$4,131.00
11	Replace Manhole Frame and Cover	2	EA	\$1,320.00	\$2,640.00
12	Install New Manufactured Internal Chimney Seal	3	EA	\$440.00	\$1,320.00
13	Elevate Manhole to Grade	1	EA	\$1,100.00	\$1,100.00
14	Manhole Defect Repair Grouting Frame Alignment Laterals	1	EA	\$1,320.00	\$1,320.00
15	Replace Manhole All Dia	0	VLF	\$1,252.00	\$0.00
16	Contingency Allowance	0	LS	\$60,000.00	\$0.00
			Totals		\$32,808.75