

SECTION 009113 – ADDENDA NO. 2

1.1 ADDENDUM

A. Project Information:

1. To: Prospective Bidders.
2. Project Title: Fullerton Pike – Phase II
3. ASI Project No.: 2016.02763
4. Date: November 19, 2018
5. Owner: City of Bloomington Utilities
6. Engineer: American Structurepoint, Inc.
7. This Addendum forms a part of the Contract Documents and modifies the Bidding Documents dated October 19, 2018, with amendments and additions noted below.
8. Acknowledge receipt of this Addendum in the space provided in the Bid Form. Failure to do so may disqualify the Bidder.
9. This Addendum consists of 10 pages.

B. Changes to the Project Manual:

1. Division 00 – Invitation to Bidders:
 - a. Bid date has been modified as shown in the revised paragraph below:
Bids are to be submitted in proper form, as described in the “Instructions to Bidders” which can be found on the Owner’s website at https://bloomington.in.gov/sections/viewSection.php?section_id=537. Sealed bids shall be received at 600 E. Miller Dr., Bloomington, Indiana, at or before 4:45 PM local time on **December 10, 2018**. Bids will be publicly opened and read aloud by the Utilities Service Board at 5:00 PM local time on **December 10, 2018**, at its meeting in the Utilities Building at 600 E. Miller Dr. Any bids received after the designated time will be returned unopened. Bids will be reviewed and the award may be made at the **December 20, 2018**, meeting or a subsequent meeting of the Utilities Service Board.
2. Division 00 – Instruction to Bidders, Section 4.03:
 - a. Schedule for completion has been modified as shown in the revised paragraph below:
The Contractor shall start active work on the contract within 15 calendar days after the date of the notice to proceed. The work will be substantially completed by July 17, 2019 as provided in paragraph 1.32 of the General Conditions, and completed and ready for final payment in accordance with paragraph 15.06 of the General Conditions by July 31, 2019.
3. Division 00 – Procurement and Contracting Requirements – Bid Form:
 - a. Replace the existing Bid Form in the Project Manual with the one attached.
4. Division 00 – Agreement, Article 2.01:
 - a. Schedule for completion has been modified as shown in the revised paragraph below:

The Contractor shall start active work on the contract within 15 calendar days after the date of the notice to proceed. The work will be substantially completed by July 17, 2019 as provided in paragraph 1.32 of the General Conditions, and completed and ready for final payment in accordance with paragraph 15.06 of the General Conditions by July 31, 2019.

5. Division 01 – General Requirements – Section 01 10 00 - Summary:

- a. Replace the existing Section 01 10 00 – Summary in the Project Manual with the one attached.

C. Changes to the Drawings:

1. Sheet 2 – Index and General Notes:
 - a. Replace the existing sheet 2 with the one attached with General Note 9 added indicating pavement repair requirements.
2. Sheet 11 – Plan and Profile Sanitary Sewer – Line “S2”:
 - a. Replace the existing sheet 11 with the one attached showing an updated sewer profile from Str S202 to S102.

D. Questions:

1. Question: *Where is the project located?*

Answer: Bloomington, Indiana

2. Question: *Since the bid date has been moved back, will there still be a Mandatory Pre-Bid requirement for all bidding contractors?*

Answer: The mandatory pre-bid is still a requirement for the contractors.

END OF DOCUMENT 009113

BID FORM

This BID Summary Sheet shall be completed and submitted with all other BID Documents.

The Lump Sum cost to complete the Fullerton Pike – Phase II Water Main and Sanitary Sewer Relocation including all associated work per plans and specification is;

_____, \$_____.

Bidders shall indicate the costs for the three distinct project sections as described below. The total of all three project sections shall add up to the total fixed price indicated above.

1. All costs and work associated with Line "W1" will be performed for the fixed price of \$_____.
2. All costs and work associated with Lines "W2", "W3", and "W4" will be performed for the fixed price of \$_____.
3. All costs and work associated with Lines "S1" and "S2" will be performed for the fixed price of \$_____.

Bidders shall prepare the Bid assuming a base quantity of 800 CY for Rock Removal. Bidders shall indicate a unit price of \$_____ per CY for rock removal. If rock removal is under the assumed bid quantity, a deduct to the fixed price bid will be made. If rock removal is over the assumed bid quantity, an addition to the fixed price bid will be made. Refer to Section 312318 – Rock Removal for additional information.

For projects requiring submission of Trench Safety Systems Affidavit, the portion of the Lump Sum cost provided above which is attributable to trench safety systems is \$_____.

Requested Form of Payment (Choose one):	<input type="checkbox"/>	A Single Lump Sum Payment following completion of the project. Invoice shall be submitted within thirty (30) days following acceptance of the project.
	<input type="checkbox"/>	Progressive Payments for work completed and invoiced throughout the project.

The Contractor shall start active work on the contract within 15 calendar days after the date of the notice to proceed. The work will be substantially completed by July 17, 2019 as provided in paragraph 1.32 of the General Conditions, and completed and ready for final payment in accordance with paragraph 15.06 of the General Conditions by July 31, 2019.

Any and all Subcontractors performing work valued over \$10,000 shall be listed below: Any subcontractor not listed below at the time of bid must be approved by the City of Bloomington prior to performing any work on this contract. Subcontractors not listed or approved will not be paid for work under this contract. In accordance with Indiana Code 5-16-13 *et seq.*, incorporated herein by reference, any subcontractor performing work on this contract is a Tier 2 contractor.

SUBCONTRACTORS	ADDRESS	TYPE OF WORK

In submitting this Bid, Bidder represents that:

- A. Bidder has visited the Site and become familiar with and is satisfied as to the general, local, and Site conditions that may affect cost, progress, performance, and furnishing of the Work.
- B. Bidder has examined and carefully studied the Bidding Documents, the other related data identified in the Bidding Documents and the following Addenda, receipt of which is hereby acknowledged.

No. _____ Dated _____

No. _____ Dated _____

No. _____ Dated _____

Final Invoice shall be submitted within thirty (30) days following final acceptance of the project.

SIGNATURE OF BIDDER

Name of Bidder: _____

Date: _____

By: _____

Name & Title Printed: _____

Bidder Address: _____

Telephone: _____

SECTION 01 10 00 - SUMMARY

PART 1 - GENERAL

1.1 SUMMARY

A. Section Includes:

1. Contract description.
2. Work by Owner or other Work at the Site.
3. Contractor's use of Site and premises.
4. Work sequence.
5. Owner occupancy.
6. Permits.
7. Specification conventions.

1.2 CONTRACT DESCRIPTION

- A. Work of the Project includes relocation of water and sanitary sewer as a result of road construction.
- B. Perform Work of Contract under fixed cost Contract with Owner according to Conditions of Contract.

1.3 WORK BY OWNER OR OTHERS

- A. Coordinate work with INDOT Contractor.
- B. Coordinate Work with utilities of Owner and public or private agencies.
- C. Work under this Contract is as indicated on Drawings.

1.4 CONTRACTOR'S USE OF SITE AND PREMISES

A. Limit use of Site and premises to allow:

1. Owner occupancy.
2. Work by Owner.
3. Work by Others.
4. Use of Site and premises by the public.

B. Construction Operations: Limited to areas indicated on Drawings

1. Noisy and Disruptive Operations (such as Use of Jack Hammers and Other Noisy Equipment): Not allowed in close proximity to existing building during regular hours of operation. Coordinate and schedule such operations with Owner to minimize disruptions.

C. Time Restrictions for Performing Work: Conform to County requirements.

D. Utility Outages and Shutdown:

1. Coordinate and schedule electrical and other utility outages with Owner.
2. Outages: Allowed only at previously agreed upon times.
3. At least one week before scheduled outage, submit Outage Request Plan to Owner itemizing the dates, times, and duration of each requested outage.

E. Sound Level Restrictions: Sound pressure level measured at boundary of Site shall not exceed 40 dBA.

F. Construction Plan: Before start of construction, submit three copies of construction plan regarding access to Work, use of Site, and utility outages for acceptance by Owner. After acceptance of plan, construction operations shall comply with accepted plan unless deviations are accepted by Owner in writing.

1.5 WORK SEQUENCE

A. Contractor shall coordinate all work activities with INDOT contractor and other utility contractors. Work shall be sequenced such that water and sanitary services are maintained. If service must be interrupted, the Contractor shall coordinate with the Owner at least one week prior.

B. Sequencing of Construction Plan: Before start of construction, submit three copies of construction plan regarding phasing of demolition and new Work for acceptance by Owner. After acceptance of plan, construction sequencing shall comply with accepted plan unless deviations are accepted by Owner in writing.

C. *Below is a suggested sequence of construction for this Work. Note that the following sequence of construction was developed based upon the assumption that the INDOT Contractor intends on constructing the bridge portion of the INDOT-related work first (Phase 1 in the INDOT MOT Plan) and that the 90-day road closure for utility relocation will begin on May 2, 2019 and will be completed on July 31, 2019.*

1. *The following items shall be constructed prior to the Phase 1 INDOT road closure for the bridge, which is assumed to begin on May 2, 2019. Maintenance of Traffic shall be the responsibility of the Contractor and shall conform to the City of Bloomington Utilities Standards and be approved by the appropriate authorities with Monroe County (County). Access through the Gordon Pike and Rogers Street intersection must be maintained at all times. Access to the Batchelor Middle School located on the northwest corner of the intersection and access to the Unity of Bloomington Church on the southeast corner of the intersection must be maintained at all times. If full closure is required, Contractor shall be responsible for detour signage similar to "Traffic Maintenance Details, Detour Phase IIB Rogers St. & Gordon Pike, Sheet 20 of 96 included in Addenda No. 1." If flagging operations are sufficient for installation, one lane of traffic is to be maintained during active construction periods and two lanes shall be re-established during non-construction periods. Contractor is responsible for temporary repair of the road segments using an 8-inch concrete patch per INDOT standards.*

- a. *Install sanitary sewer line "S2" from approximately 4' NE of Str S200 to the existing manhole to be replaced by Str S102. The existing manhole shall be*

- cored to receive the new sewer pipe. The two new laterals shall be stubbed west to the existing sewer main and temporarily capped.*
- b. Install the Fire Hydrant assembly and 2-inch water service along Rogers Street, south of Gordon Pike.*
 - c. Install sanitary sewer line "S1" from Str S100 to S101.*
 - d. Install water main line "W1."*
 - e. Install water main line "W4".*
 - f. Installation of water main lines "W2" and "W3" sections outside of the R/W can be completed during this phase or the next phase (see below).*
- 2. The following items shall be constructed during the Phase 1 INDOT road closure for the bridge. The Contractor will not be responsible for maintenance of traffic or road repair inside the Phase 1 INDOT road closure. For all work outside of the INDOT Phase 1 road closure, the Contractor shall be responsible for maintenance of traffic and road repair. The Contractor shall have 90 days after the start of the road closure to complete these segments of the Work. If the Contractor requires more than 90 days to complete these segments of the Work they shall complete all work inside the R/W during the 90-day closure and complete Work outside the R/W before the closure.*
- a. Install sanitary sewer line "S1" from Str S106 to Str S102, and reinstate the lateral.*
 - b. Install sanitary sewer line "S2" from Str S102 to Str S203. Complete all remaining connections on sanitary sewer line "S2" and abandon existing sanitary sewer.*
 - c. Install water main line "W2" sections inside the R/W.*
 - d. Install water main line "W3" sections inside the R/W.*
 - e. Installation of water main lines "W2" and "W3" sections outside of the R/W can be completed during either phase.*
- 3. The substantial and final completion dates for this Work will be adjusted, as required, if the actual road closure for Phase 1 INDOT work does not commence on May 2, 2019 as is currently planned.*

1.6 OWNER OCCUPANCY

- A. Cooperate with Owner to minimize conflict and to facilitate Owner's operations.
- B. Schedule the Work to accommodate Owner occupancy.

1.7 PERMITS

- A. Contractor shall furnish all necessary permits for construction of Work.
- B. A Notice of Intent to Construct a Water Main Extension has already been submitted.
- C. Contact Ben Ayers, Permits Engineer, Monroe County Highway Department, at (812)349-2555, bayers@co.monroe.in.us, prior to beginning any work on the County right-of-way, including delivery of materials, placement of equipment, or beginning construction.

1.8 SPECIFICATION CONVENTIONS

- A. These Specifications are written in imperative mood and streamlined form. This imperative language is directed to Contractor unless specifically noted otherwise. The words "shall be" are included by inference where a colon (:) is used within sentences or phrases.

PART 2 - PRODUCTS - Not Used

PART 3 - EXECUTION - Not Used

END OF SECTION

UTILITIES		
<p>COMMUNICATIONS AT&T 5858 N. College Ave. Indianapolis, IN 46220 (812) 334-4521 Contact: John Hall</p>	<p>SEWER & WATER City of Bloomington 600 E. Miller Dr. Bloomington, IN 47402 (812) 349-3631 Contact: Jane Fleig</p>	<p>ELECTRIC Duke Energy 1619 W. Defenbaugh St. Kokomo, IN 46902 (317) 776-5341 Contact: Dawn McDaniel</p>
<p>CABLE TV Comcast Cable 1600 W. Vernal Pike Bloomington, IN 47404 (812) 360-3090 Contact: Steve McArtor</p>	<p>South Central Regional Sewer District P.O. Box 362 Bloomington, IN 47402 (812) 334-8871 Contact: Rick Coppock</p>	<p>Utilities Dist. of Western Indiana REMC P.O. Box 427 Hwy 54 Bloomfield, IN 47424 (812) 384-4446 Contact: David Patterson</p>
<p>GAS Vectren - Transmission 1 N. Main St. Evansville, IN 47702 (812) 491-4874 Contact: Daryl McClellan</p>	<p>TELEPHONE Smithville Communications Inc. 1600 W. Temerance St. Ellettsville, IN 47429 (812) 935-2315 Contact: Kim Pitcher</p>	
<p>Vectren - Distribution 205 S. Madison St. Bloomington, IN 47404 (812) 330-4018 Contact: Ariel Thomas</p>		

GENERAL NOTES

1. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS FOR THIS PROJECT. ADDITIONS, DELETIONS, AND/OR REVISIONS TO THE FACILITIES SHALL NOT BE MADE WITHOUT PRIOR APPROVAL BY THE ENGINEER. THE CONTRACTOR SHALL KEEP AND MAINTAIN IN GOOD CONDITION A COMPLETE SET OF THE PROJECT PLANS AND SPECIFICATIONS ON THE JOB SITE AT ALL TIMES.
2. CONTRACTOR SHALL COMPLY WITH ALL LOCAL, STATE, AND FEDERAL CODES, ORDINANCES, RULES, REGULATIONS, ORDERS, AND OTHER LEGAL REQUIREMENTS OF MUNICIPAL AUTHORITIES WHICH BEAR ON THE PERFORMANCE OF THE WORK.
3. IN THE EVENT THAT THE CONTRACTOR DISCOVERS A DISCREPANCY ON THE CONSTRUCTION PLANS OR A POTENTIAL UTILITY CONFLICT, HE SHALL CONTACT THE ENGINEER IMMEDIATELY FOR CLARIFICATION PRIOR TO PROCEEDING WITH CONSTRUCTION OF THE PORTION IN QUESTION.
4. CONSTRUCTION SHALL NOT COMMENCE UNTIL ALL NECESSARY PERMITS HAVE BEEN OBTAINED.
5. THE USE OF EXPLOSIVES FOR "ROCK REMOVAL" IS PROHIBITED UNLESS OTHERWISE AUTHORIZED IN WRITING.
6. PROVIDE BYPASS PUMPING AS NEEDED TO INSTALL NEW SANITARY SEWERS.
7. SITE TO BE RESTORED PER APPLICABLE CITY OF BLOOMINGTON AND INDOT STANDARDS.
8. THE USE OF "ABANDONMENT" OR "REMOVAL" SHALL BE INTERCHANGEABLE AND IT SHALL BE UP TO THE CONTRACTOR TO DETERMINE IF ABANDONMENT OR REMOVAL IS REQUIRED TO PROPERLY COMPLETE WORK.
9. ALL TEMPORARY ROAD REPAIR SEGMENTS WILL BE REPAIRED WITH AN 8-INCH CONCRETE PATCH. THE CONCRETE PATCH SHALL BE IN ACCORDANCE WITH ALL APPLICABLE SECTIONS OF THE "INDIANA DEPARTMENT OF TRANSPORTATION" STANDARD SPECIFICATIONS IN SECTION 506. THIS DOCUMENT IS AVAILABLE ONLINE AT:

<https://www.in.gov/dot/div/contracts/standards/book/sep17/sep.htm>.

THE CONCRETE PAVEMENT REPAIR SHALL BE INSTALLED ON 6" OF #53 COMPACTED AGGREGATE.

INDEX	
SHEET NO.	DRAWING INDEX
1	TITLE SHEET
2	INDEX AND GENERAL NOTES
3	GENERAL LAYOUT PLAN
4 - 5	PLAT NO. 1
6 - 7	ROUNDAABOUT GEOMETRIC TIE-IN DETAILS
8 - 9	GEOMETRIC TIE-IN DETAILS
10 - 11	PLAN AND PROFILE - SANITARY SEWER
12 - 16	PLAN AND PROFILE - WATER MAIN
17 - 19	STANDARD DETAILS - WATER MAIN AND SANITARY SEWER
20 - 21	STANDARD DETAILS - EROSION CONTROL

EXISTING LEGEND			
	BORING LOCATION		POLE, POWER
	CONTROL POINT / BENCHMARK		POLE, LIGHT
	DOWN SPOUT		SANITARY SEWER MANHOLE
	DRAINAGE INLET		SIGN
	DRAINAGE CATCH BASIN		TELEPHON CONTROLLER CABINET
	DRAINAGE MANHOLE		TELEPHONE PEDESTAL
	ELECTRIC MANHOLE		TELEPHONE HANDHOLE
	ELECTRIC RISER		TRAFFIC MANHOLE
	GAS VALVE		PROPERTY POST
	GAS MARKER		PROPERTY FLAG POLE
	GUY WIRE		UTILITY MARKER
	MAILBOX		WATER FIRE HYDRANT
	MISC. MANHOLE		WATER METER
	TREE, DECIDUOUS		WATER VALVE
	BUSH		

ABBREVIATIONS									
A/C	AIR CONDITIONING	DI	DUCTILE IRON	HB	HOSE BIBB	PP	POWER POLE	STD	STANDARD
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE	DIA	DIAMETER	HDPE	HIGH DENSITY POLYETHYLENE	PED	PEDESTAL	STRUCT	STRUCTURAL
APPROX	APPROXIMATE	DIM	DIMENSION	HH	HANDHOLE	PERF	PERFORATED	SYS	SYSTEM
ARCH	ARCHITECT	DIMJ	DUCTILE IRON MECHANICAL JOINT	HORIZ	HORIZONTAL	PI	POINT OF INTERSECTION	TAN	TANGENT
ARV	AIR RELIEF VALVE	DIRJ	DUCTILE IRON RESTRAINED JOINT	HP	HORSE POWER	PL	PLATE	TBA	TO BE ABANDONED THIS CONTRACT
ASPH	ASPHALT	DS	DOWNSPOUT	HPT	HIGH POINT	PL	PROPERTY LINE	TBM	TEMPORARY BENCHMARK
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS	DWG	DRAWING	HT	HEIGHT	PPM	PARTS PER MILLION	TEL	TELEPHONE
AUTO	AUTOMATIC	E	EAST	HVAC	HEATING, VENTILATING AND AIR CONDITIONING	PREFAB	PREFABRICATED	TEMP	TEMPORARY
BB	BUFFALO BOX	E	ELECTRIC	ID	INSIDE DIAMETER	PRKG	PARKING	TH	TELEPHONE HANDHOLE
BDRY	BOUNDARY	EL	ELEVATION	IN	INCH	PROJ	PROJECT	THK	THICK(NESS)
BFV	BUTTERFLY VALVE	ELEV	ELEVATION	INV	INVERT	PSI	POUNDS PER SQUARE INCH	TOB	TOP OF BANK
BLDG	BUILDING	EA	EACH	LF	LINEAR FEET	PT	POINT	TOPO	TOPOGRAPHY
BM	BENCHMARK	ELEC	ELECTRIC	LPT	LOW POINT	PV	PLUG VALVE	TOS	TOE OF SLOPE
CB	CATCH BASIN	EQ	EQUAL	MATL	MATERIAL	PVC	POLYVINYL CHLORIDE	TOW	TOP OF WALL
CI	CURB INLET	EQUIP	EQUIPMENT	MECH	MECHANICAL	QTY	QUANTITY	TR	TOP OF RIM
CIP	CAST-IN-PLACE	EX	EXISTING	MFG	MANUFACTURING	R	RADIUS	TR	TRAFFIC POLE
CIPP	CURED IN PLACE PIPE	EXIST	EXISTING	MFR	MANUFACTURER	RAS	RETURN ACTIVATED SLUDGE	TV	TELEVISION
CLR	CLEARANCE	FD	FLOOR DRAIN	MH	MANHOLE	RCP	REINFORCED CONCRETE PIPE	TYP	TYPICAL
CMP	CORRUGATED METAL PIPE	FH	FIRE HYDRANT	MIN	MINIMUM	RD	ROOF DRAIN	UTIL	UTILITY
CPP	CORRUGATED PLASTIC PIPE	FIG	FIGURE	MISC	MISCELLANEOUS	REF	REFERENCE	VERT	VERTICAL
CMU	CONCRETE MASONRY UNIT	FIN	FINISH	MJ	MECHANICAL JOINT	REQD	REQUIRED	VOL	VOLUME
CO	CLEANOUT	FIN FLR	FINISH FLOOR	MOD	MODIFIED	REV	REVISION	W	WATER
CONC	CONCRETE	FLEX	FLEXIBLE	N	NORTH	ROW	RIGHT OF WAY	W	WEST
CP	CONTROL POINT	FT	FOOT (FEET)	NIC	NOT IN CONTRACT	R/W	RIGHT OF WAY	W	WIDE (WIDTH)
C TO C	CENTER TO CENTER	FTG	FOOTING	NO	NUMBER	S	SOUTH	WAS	WASTE ACTIVATED SLUDGE
CU FT	CUBIC FEET	G	GAS	NOM	NOMINAL	SCHD	SCHEDULE	W/	WITH
CU YD	CUBIC YARDS	GAL	GALLON(S)	NTS	NOT TO SCALE	SD	STORM DRAIN	W/O	WITHOUT
DAT	DATUM	GALV	GALVANIZED	OC	ON CENTER	SEC	SECTION	WS	WATERSTOP
DEMO	DEMOLITION	GOVT	GOVERNMENT	OD	OUTSIDE DIAMETER	SPEC	SPECIFICATION	WT	WEIGHT
DEPT	DEPARTMENT	GPM	GALLONS PER MINUTE	OH	OVERHEAD	SS	STAINLESS STEEL	WV	WATER VALVE
DET	DETAIL	GV	GAS VALVE	P	POLE	STA	STATION	YD	YARD

A circular professional engineer seal for the State of Indiana. The outer ring contains the text "D. ROBERT HENRICKSEN, JR." at the top and "REGISTERED PROFESSIONAL ENGINEER" at the bottom, separated by two stars. The inner circle contains the text "No. PE19600265" and "STATE OF INDIANA".

INDEX AND GENERAL NOTES

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