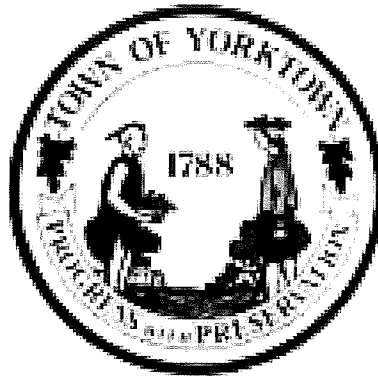


**TOWN OF YORKTOWN  
WESTCHESTER COUNTY, NEW YORK**

**ADDENDUM NO. 2  
TO  
CONTRACT DOCUMENTS**



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**PIN 8761.66: REPLACEMENT OF THE HILL BOULEVARD  
BRIDGE OVER BARGER BROOK TRIBUTARY**

**PIN 8761.71: REPLACEMENT OF THE VETERANS ROAD  
CULVERT OVER HALLOCKS MILL BROOK**

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**WSP USA, Inc.  
555 Pleasantville Road, North Building, Suite 201  
Briarcliff Manor, NY 10510  
Tel No.: 914.747.1120**

**April 8, 2020**

CAMCE No. 1893D

WARNING - IT IS A VIOLATION OF NEW YORK EDUCATION LAW SECTION 7209.2 FOR ANY PERSON UNLESS HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER OR LAND SURVEYOR TO ALTER THIS DOCUMENT IN ANY WAY. IF ALTERED, THE ALTERING PERSON SHALL COMPLY WITH THE REQUIREMENTS OF NEW YORK EDUCATION LAW SECTION 7209.2

**TOWN OF YORKTOWN  
WESTCHESTER COUNTY, NEW YORK**

**ADDENDUM No. 2**

**TO**

**CONTRACT DOCUMENTS**

**PIN 8761.66: Replacement of the Hill Boulevard Bridge over Barger  
Brook Tributary**

**PIN 8761.71: Replacement of the Veterans Road Culvert over  
Hallocks Mill Brook**

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**To all Prospective Bidders on Town of Yorktown, Westchester County, New York, PINs 8761.66 and 8761.71 for Town of Yorktown, Replacement of the Hill Boulevard Bridge and Veterans Road Culvert Project, the following changes are hereby made part of the Contract Documents, must be attached to the Contract Documents and must be acknowledged by replying via email to the Town Clerk.**

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**Modifications/Additions to the Contract Documents:**

**Notice to Bidders**

**Please be advised that the bid opening date has been changed to:**

**Monday, May 18, 2020 at 2:00 PM,**

**at which time the bids will be publicly opened and read aloud. Note that in-person attendance of the bid opening will not be permitted. A link for a live viewing online will be distributed via email to all prospective bidders.**

**Pre-Bid Meeting:**

Representatives from the following firms attended the pre-bid teleconference:

Michels Constuction  
Montesano Bros., Inc,  
Walsh Construction  
Arben Group. LLC  
Brennan Construction Co,  
Eastern Excavation, Inc.  
Gianfia Corp.

The following questions were received at the pre-bid teleconference held at 10:00AM on Tuesday, March 31, 2020. Responses are provided as indicated.

Q1: Can tree removal restrictions be eased? Conflicts with project completion time. Will the Town be removing the trees?

A1: Tree removals cannot be performed outside the allowable window without further biological and permitting investigations. The Town will conduct these investigations to either eliminate the tree cutting time restrictions before the contract is awarded or revise the project completion date and/or contract duration to accommodate these restrictions.

Q2: What are the peak flows for the sewer bypass for the Towns of Somers and Yorktown?

A2: On Contract Plan Sheet 27 (Dwg HB-22), replace the “SANITARY SEWER BYPASS PUMP TABLE” with the following flow rates based on maximum theoretical flow:

NUMBER	REQUIRED PEAK CAPACITY (GPM)	MAX ALLOWABLE BEND (DEG)	TELEMETRY REQUIRED	FLOAT ACTIVATION SYSTEM REQUIRED	ALLOWABLE POWER SUPPLY	SOUND ATTENUATION ENCLOSURE REQUIRED	DESCRIPTION	24-HR ONSITE MONITORING REQUIRED	INSEPTION INTERVAL (HR)
P-1	630	45	YES	YES	ELECTRIC OR DIESEL	NO (ELEC) YES (DIESEL)	PRIMARY PUMP	NO	2
S-1	630	45	NO	YES	ELECTRIC OR DIESEL	NO (ELEC) YES (DIESEL)	BACKUP PUMP	**YES	2

On Contract Plan Sheet 27 (Dwg HB-22), add the following to Note 8:

THE CONTRACTOR SHALL MONITOR THE SEWER FLOW DAILY FOR 1 WEEK PRIOR TO THE DELVELOPEMENT OF THE SEWER BYPASS PLAN. THE PEAK FLOW IS AVAILABLE PER THE PUMP TABLE BELOW, HOWEVER THE LOWER FLOW LIMIT NEEDS TO BE DETERMINED. THE CONTRACTOR SHALL PROVIDE SANITARY SEWER FLOW DEPTHS BY TAKING MEASUREMENTS VIA THE EXISTING MANHOLES, LOCATED IMMEDIATLEY UP AND DOWNSTREAM OF THE EXISTING CULVERT. THE MEASUREMENTS SHALL BE TAKEN 3 TIMES DAILY IN BOTH MANHOLES AS FOLLOWS: (1) 7 AM, (2) 12 PM, (3) 5 PM. THE CONTRACTOR'S PROFESSIONAL ENGINEER SHALL USE THE MEASURED FLOW DEPTHS TO CALCULATE THE MINIMUM DAILY FLOW AND SHALL PROVIDE THE FLOW DATA AND CALCULATIONS TO THE ENGINEER OF RECORD FOR REVIEW.

On Contract Plan Sheet 24 (Dwg HB-19):

- To the callout “EXISTING 6” AND 8” SANITARY SEWER FORCE MAIN TO BE REMOVED” add the following text, “SUPPORT AND MAINTENANCE OF EXISTING MAIN REQUIRED. SEE SUGGESTED CONSTRUCTION SEQUENCING.”
- Add the attached construction sequencing note for connection to the Town of Somers sanitary sewer force mains (“*Suggested Town of Somers Sanitary Sewer Force Main Connection Sequence*” is attached). As per the sequencing, the Somers force main will remain active during construction. Westchester County DEF collected 17 months of data for which the average daily flow was 132,000 gpd. The maximum recorded flow during the study was 538,000 gpd.

Q3: It was stated that there is no electric at Hill Boulevard. Why does General Note 18 mention hat conduits are present?

A3: Revise note 18 to read that conduits MAY be present. Their possible presence is based on conversations with Towns of Yorktown and Somers sewer / water field personnel. However, Con Edison utility plates indicate no electric facilities within the Hill Boulevard Bridge

project site. Plates show the closest electric facilities are located at the intersection of Hill Boulevard / NYS Route 6 to the north and Hill Boulevard / Village Road to the south. Conversations with Verizon, NYSEG, Crown Castle, and Altice similarly revealed the absence of underground facilities within the Hill Boulevard project area.

Q4: Is the official project start date dependent on utility relocation?

A4: The Con Edison gas main relocation at Hill Boulevard has been completed. Overhead lines at Veterans Road are to be temporarily relocated, de-energized, or removed through coordination between the Contractor and utility companies, as specifically described in Special Note 6 of the proposal book (Coordination with the Utility Schedule).

Q5: Is it a requirement for the main bypass pump at Hill Boulevard to be electric?

A5: The main bypass pump does not necessarily need to be electric, providing that if powered by a source other than electricity, it is housed within a sound attenuation enclosure. Be advised that Con Edison plates indicated that electric lines can be found at the intersection of Hill Boulevard and NYS Route 6 as well as Hill Boulevard and Village Road. See response to question 2 above for additional details.

Q6: Will it be required to maintain flow in the Town of Somers sewer main? Is the maintenance of sanitary flows item in the contract only for the Town of Yorktown gravity main?

A6: The contractor is required to connect to the Town of Somers force mains one at a time during a shutdown, to be coordinated with the Town of Somers by the contractor. The Town will maintain flow in the opposite force main during the connection processes. See the response to question 2 above for further details (see "*Suggested Town of Somers Sanitary Sewer Force Main Connection Sequence*" that is attached to this document).  
Yes, the maintenance of sanitary flows item is only for the Town of Yorktown gravity sewer main.

Q7: Where are items for Watertight Disconnect Box and Gateway Modem with Antenna located in the plans?

A7: These traffic control items (680.94010003 and 683.08020104) are to be located at the intersections shown on the detour plans.

Q8: Item 625.01 on the bid sheets has a lump sum quantity over 1.

A8: The lump sum item should equal 1 LS. Please make the following correction to the line item in the bid sheet.

Q9: Does this project include a Project Labor Agreement?

A9: No.

Q10: Please clarify which of the types of insurance listed in NSYDOT Standard Specification Section 107-06 apply to this project:

- 1) Workers Comp & Disability Insurance
- 2) Commercial General Liability
- 3) Commercial Auto
- 4) Umbrella or Excess Liability
- 5) Special Protective and Highway Liability
- 6) Contractor's Risk
- 7) Professional Liability/Errors and Omissions

- 8) Railroad Protective Liability
- 9) Marine Protection & Indemnity
- 10) Pollution Liability Insurance
- 11) Builders' Risk Policy

A10: Of the 11 types of insurance listed in NYSDOT Standard Specification Section 107-06, the contractor shall furnish types 1 through 6. Types 7 through 11 are not applicable to this project.

Q11: Issues are predicted with the utility crossing at Veterans Road. There is minimal slack in the overhead lines, especially at the north side. This is likely to cause scheduling delays. These lines may have to be relocated to complete the work. How will this be handled?

A11: The types of relocations, de-energizations, and/or removals with corresponding lead times for the various overhead utilities to perform this work is listed in Special Note 6 of the proposal book (Coordination with the Utility Schedule).

**END OF ADDENDUM NO. 2**

**WSP USA, Inc.  
555 Pleasantville Road, North Building, Suite 201  
Briarcliff Manor, NY 10510  
Tel No.: 914.747.1120**

**Dated: April 8, 2020**

**PIN 8761.66: Replacement of the Hill Boulevard Bridge over Barger Brook Tributary**  
**Addendum No. 2 – April 6, 2020**

On Contract Plan Sheet 24 (Dwg HB-19), add the following construction sequencing note:

Suggested Town of Somers Sanitary Sewer Force Main Connection Sequence:

General:

1. The contractor shall install, test, obtain Westchester County Department of Health (WCDOH) & Town of Somers approvals and connect the new 6" and 8" sanitary sewer force mains to the existing force mains. Once complete, the contractor shall remove and dispose of the of the existing force mains to the limits shown on the plans.
2. At no point shall both force mains be taken out of service at the same time. Only 1 force main shall be taken out of service at a time and it shall be done in coordination with the Town of Somers. The existing mains shall be supported and maintained via the contractor's means and methods until removal is allowed per the below sequence.
3. The contractor shall provide means for temporary thrust restraint to exposed fittings or pipe, if needed, before backfilling occurs.
4. Although the sequence below is suggested, the contractor MUST generally adhere to the sequence in terms of notification time frames, sequential approvals and support and maintenance of existing mains to ensure sewer service is not interrupted. The contractor shall provide their own sequence of work for the engineer's review and approval as a shop drawing.

Sequence:

1. Install new 6" and 8" sanitary sewer force mains up to the connection points on the north and south sides of the existing culvert. The new mains will not be connected to the existing mains at this point.
2. Pressure test the 6" and 8" sanitary sewer force mains as per WCDOH guideline and AWWA C-600 (latest version available at the time of bid). The contractor shall provide the engineer of record (EOR), Town of Somers and the WCDOH 72-hour notification prior to performance of the pressure test.
3. Once a successful test is performed for each main, submit the test results to the WCDOH and EOR for review and approval (test results can be submitted together or separately). After approval is obtained, the contractor shall begin the process of connecting the new force mains to the existing force mains.
4. The contractor shall provide the Town of Somers with 72 hours' notice before connection to the existing 6" force main. During this time, the Town of Somers will prepare the force main system for the contractor to connect.
5. After approval from the Town of Somers, the contractor shall first connect the 6" force main to the existing 6" sewer system. The connections must be done between 10 PM and 6 AM, during low flow periods, and both connections (north of and south of culvert) are required to be done in a one-night shift. The contractor shall mobilize the staff, material and equipment required to work within this time frame.

6. After the 6" force main has been connected, the contractor shall coordinate the activation of the 6" force main with the Town of Somers, provide notification of the intended schedule to connect the 8" force main and coordinate this activity with the Town of Somers.
7. After approval from the Town of Somers, the contractor shall connect the 8" force main to the existing 8" sewer system. The connections must be done between 10 PM and 6 AM, during low flow periods, and both connections (north of and south of culvert) are required to be done in a one-night shift. The contractor shall mobilize the staff, material and equipment required to work within this time frame.
8. Once the 8" force main has been connected, the contractor shall coordinate the activation of the 8" force main with the Town of Somers.
9. Backfill new sewer where needed and remove existing 6" and 8" force mains to the limits as shown on the plan set.