



**TOWN OF MORIAH
ESSEX COUNTY, N.Y.
WATER & SEWER MAIN REPLACEMENT – PHASE II**

Addendum No. 1 – April 22, 2021

To **all** holders of the Contract Documents, please note the following changes:

Clarification and Addendums (General Construction Contract):

- 1. Bid Opening (No Change):**
 - a. The bids shall be opened publicly and read aloud on **April 28, 2021** at **10:00 A.M.** at the Town Hall, located at 38 Park Place, Port Henry, NY 12974.
- 2. Bid Form Revision:**
 - a. Please utilize the updated base bid form supplied in **Attachment 1** when submitting bids and remove the original base bid sheet included within the original Project Manual. The following quantities have been updated from the original base bid sheet; Item No. 7 decreased from 20 to 15 linear feet, Item No. 8 decreased from 1200 to 1020 linear feet, and Item No. 9 decreased from 11 to 10 linear feet. The bid alternate sheet remains the same.
- 3. Pre-Bid Conference Sign-In Sheet & Minutes Clarification:**
 - a. The pre-bid conference took place on April 7, 2021 at 9:00 A.M., and the agenda and sign-in sheet are included herein as **Attachment 2** to this Addendum.
- 4. Drawing Sheet C-1 Note Clarification:**
 - a. Please remove note #15 in the general notes section on sheet C-1.
- 5. Drawing Sheet C-11 Detail 6 - Asphalt Pavement Detail Clarification:**
 - a. Binder course may be placed in a single lift.
 - b. Tack coat shall be utilized between binder course and top course as shown on the detail.
- 6. Drawing Sheet C-11 Detail 5 - Typical Sidewalk Section Clarification:**
 - a. Bid concrete sidewalk using 6 x 6 W2.9 x W2.9 welded wire fabric as shown on detail.
- 7. Drawing Sheet C-11 – Add New Catch Basin Detail:**
 - a. Add new catch basin detail to drawing sheet C-11 as included in **Attachment 3**.
- 8. Bid Alternate Clarification for Item 3A:**
 - a. Bid 12” nominal diameter ADS N-12 HDPE pipe, or approved equal for the stormwater main replacement for bid alternate item 3A.

9. Sanitary Sewer System Clarifications:

- a. What kind of sanitary sewer testing will be required?

The following testing requirements shall apply to the sanitary sewer:

i. Gravity Piping:

1. Pressure and leakage testing using low pressure air testing in conformance with ASTM F1417 for newly installed sanitary sewer laterals and mains per specification section 02660. Contractor shall be responsible for bypass pumping as required until testing is satisfactorily completed.
2. Deflection tests shall be performed after final backfill has been in place at least 30 days to permit stabilization of the soil-pipe system. No pipe shall exceed a deflection of 5 percent of the inside diameter. If deflection exceeds 5 percent, the pipe shall be excavated. Replacement or correction shall be accomplished in accordance with the Contract Documents.
3. Straight alignment shall be checked by either using a laser beam or lamping.

- ii. Manhole Structure: Sanitary sewer manholes shall be tested for watertightness. Air (vacuum) testing for concrete sewer manholes shall conform to the test procedures described in ASTM C1244. Manholes which cannot be properly air (vacuum) tested by the above referenced procedure should be visually inspected and leakage tested using internal or external hydrostatic pressure (exfiltration or infiltration) in accordance to specification section 02660.

10. Water Distribution System Questions & Clarifications:

- a. Can we use 6" ductile iron pipe instated of 4" if it is cheaper?
- i. 4" pipe shall be installed to minimize flushing/maintenance and to increase water turnover rates. The design shall remain as shown on the Contract Drawings.
- b. Why don't you put a full-sized fire hydrant at the end of the road?
- i. Existing fire hydrants on College Street will be used for fire protection throughout the project area, and only a flushing hydrant will be used for the dead-end water mains for the design. The design shall remain as shown on the Contract Drawings.
- c. Will blue bolts and polyethylene wrap be used?
- i. Yes, both are required as per American Water Works Association C105 standards for corrosion protection of the water mains. Polyethylene encasement wrap shall be blue in color and be made of 8 mil linear low density polyethylene suitable for ductile iron pipe meeting AWWA C105, of the latest revision.

11. Third Party Testing Clarification:

- a. The Contractor shall pay for a third-party testing laboratory as indicated in General Conditions Article 14.02.D and the Contract Documents.

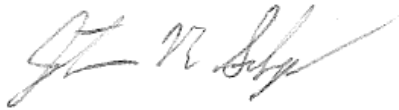
12. Does the Town prefer flushing hydrants be Mueller or Kennedy models?

- a. The Town has standardized Mueller hydrants for their existing distribution system, although to comply with open and free competition requirements, prospective bidders may submit the Mueller 2-1/8" post type fire hydrant or approved equals meeting the required specifications.

Please contact me at the Warrensburg office number at 518-623-5500, or by email at jsoukup@cedarwoodengineering.com.

Respectfully,

CEDARWOOD ENGINEERING SERVICES, PLLC

A handwritten signature in dark ink, appearing to read 'JSoukup', is written over a light blue horizontal line.

Jonathan Soukup, P.E.

ATTACHMENT 1

Updated Base Bid Sheet

Water and Sewer Main Replacement Phase II

Base Bid Sheet

Item No.	Description	Unit	Estimated Quantity		Unit Price	Bid Price
1	Mobilization, demobilization, bonds & insurance	LS	N/A			\$
2	Maintenance & protection of traffic	LS	N/A			\$
3	Erosion & Sediment Control	LS	N/A			\$
4	Utility clearance/support during construction	LS	N/A			\$
5	Site work & site restoration	LS	N/A			\$
6	Water main & appurtenances installation - 8"	LF	60	\$		\$
7	Water main & appurtenances installation - 6"	LF	15	\$		\$
8	Water main & appurtenances installation - 4"	LF	1020	\$		\$
9	Water main removal including cut & capping existing main	LF	10	\$		\$
10	Valve box removal & disposal	EA	1	\$		\$
11	Buried gate valve Installation - 8"	EA	4	\$		\$
12	Buried gate valve installation - 4"	EA	4	\$		\$
13	Water service line installation - same side	EA	9	\$		\$
14	Water service line installation - opposite side	EA	7	\$		\$
15	Water curb box removal	EA	5	\$		\$
16	Water main connections to existing mains	EA	4	\$		\$
17	Flushing hydrant installation	EA	2	\$		\$
18	Air release valve assembly installation	EA	1	\$		\$
19	Sewer main installation - 8"	LF	840	\$		\$
20	Existing sewer main removal & disposal	LF	900	\$		\$
21	Sewer manhole installation	EA	9	\$		\$
22	Sewer manhole installation - drop manhole	EA	2	\$		\$
23	Existing sewer manhole removal & disposal	EA	4	\$		\$
24	Sewer lateral replacement - same side	EA	8	\$		\$
25	Sewer lateral replacement - far side	EA	9	\$		\$
26	Sewer bypass pumping	LS	N/A			\$
27	Sidewalk demolition & replacement	SQ. FT.	380	\$		\$
28	Asphalt demolition & replacement	TN	600	\$		\$
29	Preparation of As-Built Drawings	LS	N/A			\$
30	Construction Allowance	LS	N/A			\$35,000.00
			Base Bid Subtotal			\$

Base Bid Total (In Words): _____

Bid Submitted By (Company): _____ Date Submitted: _____

ATTACHMENT 2
Pre-Bid Meeting Agenda & Sign-In Sheet

Town of Moriah Pre-Bid Meeting Agenda

Town Court, April 7, 2021 @ 9:00 A.M.

Project: Town of Moriah, N.Y. Water & Sewer Main Replacement – Phase II

Contract No. TM-2021-G

Owner: Town of Moriah 38 Park Place Port Henry, NY 12974

Location: Town Court (42 Park Place, Port Henry, NY 12974)

Cedarwood Job No.: 20-027

DISCUSSION ITEMS:

1. Sign-in sheet

2. Introductions

- a. Cedarwood Engineering
- b. Town

3. Project Scope

- a. The Project consists of work including providing all labor, materials, machinery, tools, equipment and other means of construction necessary and incidental to the completion of work shown on the plans and described in these specifications including, but not necessarily limited to the following:
 - i. 1,280± linear feet of water main replacement, approximately 16 water service lines, 840± linear feet of sanitary sewer main replacement and rehabilitation, approximately 17 sanitary sewer laterals, 380± square feet of sidewalk demolition and replacement, and approximately 600 tons of pavement restoration at 1st Lane, 2nd Lane, and College Street in the Village of Port Henry, NY.

4. Specific Project Requirements

- a. Funding Requirements
 - i. Office of Community Renewal – Community Development Block Grant
 1. Requirements attached to **Attachment A** of the Agreement (in Bid Documents)
 2. Project Sign
- b. Prevailing wage/Davis Bacon requirements

5. Project Schedule

- a. CDBG Funding Deadline:
 - i. Substantial Completion: October 31, 2021
 - ii. Ready for Final Payment: November 30, 2021

6. Bid Schedule

- a. Bid opening is **Wednesday, April 28, 2021 @ 10:00 AM** at the Town Hall (located at 38 Park Place, Port Henry, NY 12974).

7. Q&A

- a. Questions from Contractors received at the pre-bid meeting as well as additional questions submitted to the Engineer will be responded to in an Addendum.

8. Site Visit

- a. Optional site visit to view Project site. Additional questions will be recorded and responded to in an Addendum.

PRE-BID MEETING SIGN-IN: Town of Moriah, N.Y. Water & Sewer Main Replacement - Phase II (Contract No. TM-2021-G)

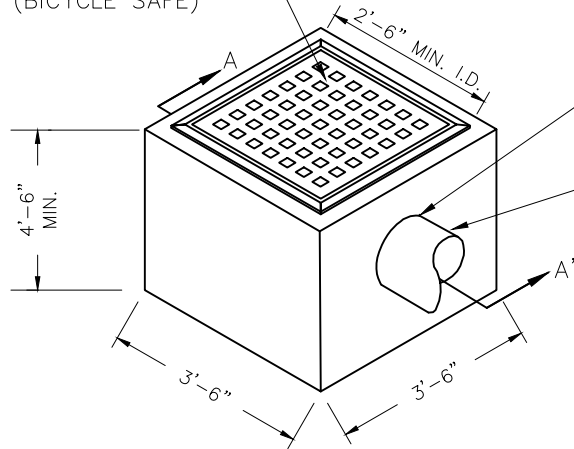
DATE: April 7, 2021 @ 9:00 A.M.

NAME	COMPANY (REPRESENTING)	ADDRESS	CITY	ZIP	PHONE #	EMAIL ADDRESS
Jonathan Soukup	Cedarwood Engineering	3903 Main St	Warrensburg	12885	518-623-5500	jsoukup@cedarwoodengineering.com
Lucas Cain	Cedarwood Engineering	3903 Main St	Warrensburg	12885	518-623-5500	lcain@cedarwoodengineering.com
CHARLES MANFRO	MANFRO CONST INC	5094 NYS RT 9N	WESTPORT	12993	518 546 1017	CHARLES@MANFROCONSTRUCTION.COM
Devin Luck	Luck Brothers inc.	73 Trade Rd.	plattsburgh	12901	518 561 4321	devin @ Luck bros.COM
Scott Kubricky	John Kubricky & Sons	1011 Ridge Road	Queensbury	12804	(518) 744-7727	Scott K & John Kubricky and sons.
Jacob Kubricky	John Kubricky & Sons	1011 Ridge Road	Queensbury	12804	518 894 5939	
Art Morgan	Town of Moriah		Moriah		518 570-8896	Water @ Town of Moriah . gov
Tom Lorenzano	Town of Moriah	38 Park	Moriah	12974	518-546-8631	Supervisor @ Town of Moriah N.Y. Gov

ATTACHMENT 3

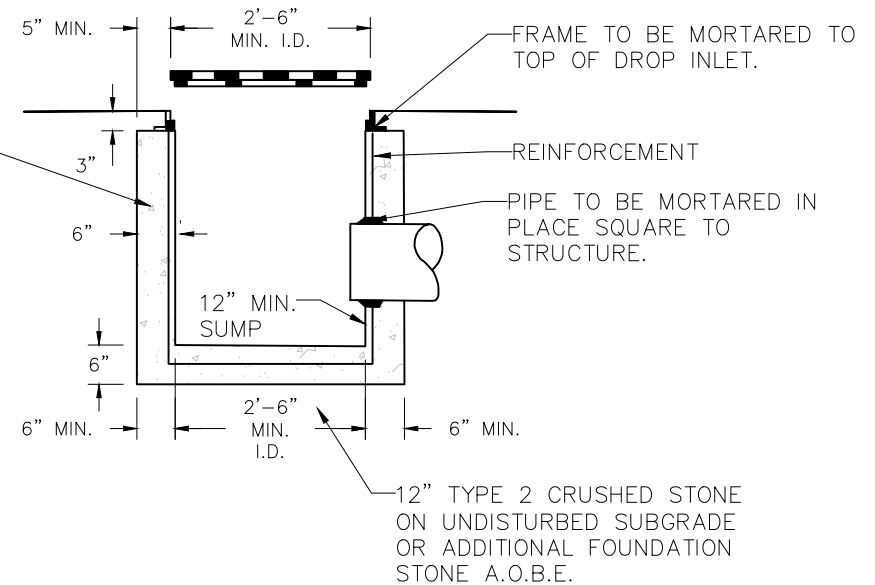
Catch Basin Detail

HEAVY DUTY FRAME AND
GRATE — CAMPBELL NO.
2816B OR APPROVED
EQUAL (BICYCLE SAFE)



PIPE PENETRATION SIZED
FOR 12" ADS N-12
STORMWATER PIPE OR
APPROVED EQUAL.

PIPE SET SQUARE TO UNIT.
TIE IN PIPE AS REQUIRED FOR
WATERTIGHT CONNECTION.



FRAME TO BE MORTARED TO
TOP OF DROP INLET.

REINFORCEMENT

PIPE TO BE MORTARED IN
PLACE SQUARE TO
STRUCTURE.

SECTION A — A'
NTS

NOTES:

- 1.) SHOP DRAWING REQUIRED TO BE REVIEWED BY THE ENGINEER.
- 2.) ALL STRUCTURES TO BE PLACED IN ANY TRAFFIC AREAS SHALL MEET AASHTO HS20-44 WHEEL LOADING REQUIREMENTS.
- 3.) CONCRETE — 4000 PSI @ 28 DAYS
MIN. REINFORCEMENT — 6X6 — 10/10 WWM ALL FOUR SIDES & BOTTOM.
- 4.) CONTRACTOR SHALL REMOVE & DISPOSE OF OLD CATCH BASIN AS REQUIRED DURING CONSTRUCTION.

CATCH BASIN REPLACEMENT DETAIL

NTS