# TOWN OF COLCHESTER

# RAPALLO VIADUCT FORCE MAIN REPAIR

# ADDENDUM NO. 2

## July 8, 2021

This addendum modifies the original bid document dated June 10, 2021 and Addendum No. 1, and resets the **Bid Opening date to July 16, 2021**. Please acknowledge receipt of this addendum in the space provided on the bid form. Failure to do so may subject the bidder to disqualification.

### QUESTIONS, ANSWERS, AND CLARIFICATIONS

The following questions were received and are answered below for clarification:

#### Question 1

Section 01040, 3.2.A. states that we are required to provide free and clear access to the trail when construction is not taking place during open trail hours - is blocking the trail during open hours allowed when construction is taking place?

##### Answer 1

Section 01040, 3.2.A refers to time when construction work is not taking place. For further clarification, please see Addendum 1, Answer 13.

#### Question 2

Are there any bends or elevation changes in the host pipe?

##### Answer 2

There are no bends in the force main segment to be repaired. The elevation change is shown on Drawing C-3, based on the record drawings. Per the note beneath the western gate valve, the actual elevation of the 16” gate valve (west) is approximately 30-inches below where it is shown on the record drawing.

#### Question 3

Will the contractor be able to access the path with their trucks and equipment?

##### Answer 3

Yes. Access to the site will be via the Smith Street access point to the Airline Trail. For further clarification, please see Addendum 1, Answer 14.

#### Question 4

Is it the Owner’s intent to install a 18” Primus liner in an existing 16” force main?

##### Answer 4

Yes. The host pipe is nominal 16-inch cement lined ductile iron, installed in the early 1980s. Once all tuberculation is removed from the host pipe, it should have an internal diameter of 16.4 inches. There are no bends in the segment of this repair. Primus Line requires 0.08-inches of clearance around the outer diameter of the liner. As per the Primus Line pipe connection detail on the design drawing sheet CD-2 the OD of the 18” Primus Liner is 16.06 inches.

16.06-inches + 0.08-inches + 0.08-inches = 16.22-inches

16.22-inches < 16.4-inches

For further clarification, please see Addendum 1 Answer 7.

#### Question 5

Are there concerns that wrinkles may or will occur in the 18” Primus line, especially due to it being installed in a 16” host pipe?

##### Answer 5

When inserted, the FFRP is in a folded position. When the liner expands, it should be able to obtain its full circular cross section, and it will completely fill the host pipe. For further explanation, see Answer 4 above.

### CONTRACT PLANS & SPECIFICATIONS

Make the following changes, revision, additions, and/or deletions to the Contract Documents:

##### Section 00020

In item 1, REMOVE “July 09, 2021” and REPLACE with “July 16, 2021.”

# END OF ADDENDUM NO. 2