

CITY OF CUYAHOGA FALLS, OHIO

April 8, 2021

ADDENDUM NO. 2

To the Drawings and Specifications For

MUD BROOK GREENWAY TRAIL PHASE I

TO ALL BIDDERS:

This Addendum supplements and amends the original Plans and Specifications and shall be taken into account in preparing proposals and shall become a part of the contract documents as follows:

The following changes shall be made a part of the contract documents:

QUESTIONS:

1. Could you please specify where a temporary stream crossing could be installed? After reviewing the plans, I did not see any area of the creek that could be crossed with heavy equipment. Typically, I would use a set of 2 – 24” Culvert Pipes and encase them in a stone backfill. This temporary crossing would be very helpful in the process of Constructing the trail system?

Answer: Any temporary construction stream crossing shall be in accordance with all applicable laws and regulations, including USACE Nationwide Permit #33. The Contractor is responsible for permitting associated with a temporary construction stream crossing, if needed.

2. Is the use of timber matting approved through the wetland area where the board walk is going to be built? This would be the area of the site closer to Bath Rd. Specifically from station 5+62.79 Thru 14+17.91 The timber mats would only be used as access until the boardwalk construction is complete.

Answer: Yes, up to 0.25 acres of timber matting is approved to be laid over a portion of the wetlands during construction activity.

3. Please clarify the difference between Trail Type C, Boardwalk (8-ft) & Boardwalk Bridge (8-ft) on the bid form & within the plans. My interpretation is that Trail Type C, Boardwalk (8-ft) is timber pile supported at ~10’ O.C. wooden boardwalk with a 2”x 4 “runner rail (Curb/toe-kick) ONLY and Boardwalk Bridge (8-ft) is timber pile supported at ~10’ O.C. wooden boardwalk with handrail as shown in detail 2 on sheet 32. Please confirm that this interpretation is correct and that there are no spans greater than ~10’ O.C. If not, please clarify the location(s) of the free span bridges with station numbers.

Answer: The four boardwalk bridges all have spans greater than 10 feet. These bridges are located at the following stations:

5+71 to 6+30
12+08 to 12-45
23+60 to 24+00
29+08 to 29+57

4. Please confirm the height(s) of the boardwalks above existing grade as there is not any existing grade data shown in the wetland areas the boardwalks are crossing?

Answer: The surface elevation of the boardwalk from stations 6+30 to 10+00 may vary slightly based on the existing topography. The boardwalk surface elevation shall be between 21 - 24” above existing grade.

5. Please clarify the total linear footage of handrail required (if any) on Trail Type C, Boardwalk (8-ft) and Boardwalk Bridge (8-ft)?

Answer: The handrail shall be installed along both sides of the four boardwalk bridges which total to 190 linear feet of bridge length.

6. The handrail detail (Detail 2 on sheet 32) depicts a handrail system that would not pass a 4" sphere test, will compliance with passing a 4" sphere test be an issue/concern for this project?

Answer: Detail 2/32 shall be modified to include a 10-gauge black powder coated welded wire fabric with 2" square grid between the top and bottom rails. The bottom edge of the lower railing shall be 4" above the top of the deck surface. A shop drawing of the handrail shall be provided as per the drawing requirements.

7. Will timber abutments be acceptable in lieu of cast in place concrete abutments? Timber abutments require less disturbance, will last the life cycle of the timber structures and flow aesthetically with the timber structures.

Answer: Timber abutments are an acceptable substitution for concrete abutments for this project. As per drawings, Contractor shall provide stamped engineered shop drawings for approval prior to construction.

8. Sheet 4 Item Special – Boardwalk Trail (type C) Note 13, calls for treated lumber and timber to be re-dried to 19% after treatment (K.D.A.T). In our experience, K.D.A.T. lumber adds additional costs with little benefit to the project as often the process causes aesthetic issues (Checking, warping, cracking, and twisting) to treated products prior to even being incorporated into a project. Will material that has not be re-dried after treatment (K.D.A.T.) be acceptable for this project?

Answer: Material that has not be re-dried after treatment (K.D.A.T) will not be acceptable for this project.

9. Sheet 4 Item Special – Boardwalk Trail (type C) Note 4, notes that test piles that become part of the permanent foundation system are considered an integral part of the work. Is there a requirement for performing pile load tests for this project? If so, how many load tests are to be performed and are they the responsibility of the contractor?

Answer: Note #3, "Permits" on Sheet 3 - shall be removed and replaced with, "The Contractor shall be responsible for the cost of all materials testing. Material testing is required for asphalt, concrete, aggregates for trench bedding and backfill, and **pile load testing**. Contractor shall employ a certified independent testing company. Copies of all reports and test results shall be submitted to the City of Cuyahoga Falls. Payment for testing shall be included in the unit bid for respective materials."

10. Are there any soils reports available for this area to evaluate soil conditions to estimate pile length and embedment depths? If not, is there an estimated total pile length or embedment bid depth that should be utilized to ensure all bidders bid on the same assumptions for the embedment depths/pile lengths?

Answer: There are no soil reports available for this area and no estimated total pile length or embedment is being provided.

END OF ADDENDUM 2

Acknowledgement of Receipt of Addendum No. 2

MUD BROOK GREENWAY TRAIL PHASE I

We hereby acknowledge receipt of Addendum No.2 (3 page(s)), including Acknowledgment, as becoming a part of the contract documents known as Mud Brook Greenway Trail Phase I.

PLEASE REPLY IMMEDIATELY via e-mail @ engineering@cityofcf.com, to acknowledge receipt of this addendum.

Sign and print your name below on this acknowledgement sheet.

Addendum No. 2 received by:

Signature

Date

Print Name

Company Name