



May 5th, 2022

RE: City of Peoria
Department of Public Works
Culvert Replacement for East Branch Dry Run Creek at W. Merle Lane
Peoria, Illinois
Midwest Engineering Associates, Inc. Job Number 20210102

ADDENDUM NO. 001

This Addendum supplements and amends the original Drawings and Specifications and shall be taken into account in preparing proposals, and shall become a part of the Contract Documents. In case of conflict between the Drawings, Specifications and this Addendum, this Addendum will govern. Careful note of this Addendum shall be taken and all trades affected shall be fully advised for performance of the work.

Contract Documents

1. All references in the Contract Documents to a bid submittal and bid opening time and date of 10:00 AM May 10, 2022 shall be revised to read 10:00 AM May 17, 2022.

Drawings

A. Sheet 2; Utility Notes:

- The following is an Alternate Sanitary Sewer Staging Plan (Based on discussions with Greater Peoria Sanitary District):

Stage 1

1. Install SAN-1, SAN-4, and SAN-5
2. Bypass pump from SAN-4 to SAN-5
3. Install SAN-2 and SAN-3
4. Install sanitary sewer pipe from SAN-1 to SAN-2
5. Install sanitary sewer pipe from SAN-2 to SAN-3
6. Divert all flow in SAN-1 to SAN-2 and SAN-3. Bypass pump from SAN-3 to SAN-5.
7. Remove existing sanitary sewer manhole between SAN-3 and SAN-5.
8. Install sanitary sewer pipe from SAN-3 to SAN-5
9. Discontinue bypass flow pumping.
10. Remove existing abandoned sanitary sewer manhole east of SAN-3.

Stage 2

No changes. Refer to Sheet 2.

The following are answers to questions and/or clarifications that have been submitted through May 4th, 2022:

- I. Question: Given the wingwall heights and information in the geotechnical report, we have some concerns about the wingwall foundations and believe that some over-excavation and improvement will be necessary. Please advise what assumptions we should make for design of the wingwall foundations.
Response: Based on a recent conversation with a three-sided structure manufacturer, geotechnical consultant will be contacted to determine if geotechnical consultant can provide additional specific



geotechnical information. An additional Addendum will be distributed with additional geotechnical information or an additional addendum will be distributed indicating geotechnical consultant cannot provide additional geotechnical information.

- II. Question: With the amount of cover and the poor soils, we agree with IMEG in that a full slab (or deep foundations) will likely be best but could use more information on what soil bearing capacity to use. If a base slab foundation is used, we assume that the Armorflex would be eliminated, and the riprap scour protection shown at each end would remain (along with some concrete toe walls)?
Response: The use of a base slab foundation eliminates the need for the Armorflex. Riprap scour protection at each end would remain as per the plans along with concrete toe walls. Deep foundation systems, such as driving piles, are not preferred due to the close proximity of residential housing.
- III. Question: Is there any way to level the structure? We can fabricate as-is, but it would be easier and more cost-effective if it were level.
Response: Based on a recent conversation with a three-sided structure manufacturer, the hydraulic gradient through the structure will be level. Revised plans will be forthcoming via a future addendum.
- IV. Question: Do you have any details (or description) of the existing structure (and its foundation)? It would be helpful to know what is currently there.
Response: The existing structure is a corrugated metal pipe culvert without any end treatment.
- V. Question: Formliners vary greatly in price. Could you please specify the formliner that you would like? Here are a couple of websites with single-use formliners which are the most economical.
www.Specformliners.com, www.formliners.com
Response: The City's preferred formliner is chiseled limestone by Spec Formliners.
- VI. Question: Is there an alternate staging plan that does not require bypass flow pumping from EX-SAN 1?
Response: Yes. Refer to Alternate Stage 1 Sanitary Sewer Staging plan included in this Addendum.
- VII. Question: I noticed the construction entrance is on the west side of the culvert (with a note saying to be coordinated with owner). Is there any reason why we couldn't put it on the east side....provided we follow the traffic control notes for the project?
Response: IDOT has approved the plans and issued a "letter of understanding" based on the current plans (construction entrance on the west side of the culvert). Relocation of the construction entrance needs to be approved in writing by the City of Peoria (owner) and IDOT.
- VIII. CLARIFICATION: Relocation of the sanitary sewer system may not begin until the IEPA has issued the permit. The permit application has been submitted to the IEPA. No additional compensation will be allowed due to waiting for the IEPA to issue the permit.

Sincerely,

Robert D. Culp, P.E., C.F.M.
Sr. Project Manager