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August 3, 2022

Addendum Number 3

ITB 22-02-209508

Trail River Bridge 25.7 and Falls Creek Bridge 25.4 Replacements

This Addendum is being issued to provide information as follows:

Question & Answers:

1. **Q:** Will spiral weld pipe be acceptable for the piling? It has been in the past and will shorten procurement time.
A: Spiral weld pipe is not acceptable at this time.
2. **Q:** Is it allowable to "No Bid" one or more alternate items?
A: "No bids" for additive alternatives are allowable.
3. **Q:** It is unclear from the plans and specs if any liquid applied waterproofing membrane will be required on the bridges as is often utilized. Can any clarification or confirmation be supplied for this?
A: No waterproofing membrane is required.
4. **Q:** Regarding the Pipe Pile material for the Trail River and Falls Creek project, Specification section 715, 715-2.02 GENERAL REQUIREMENTS, 2. C. Indicates ASTM A709 Grade 50T3 helical weld pipe is an approved material for pipe piling. Is helical weld (spiral weld) pipe piling manufactured per Specification 715 approved for this project?
A: All piles must be straight seam welded.
5. **Q:** Please clarify what items ancillary to the 28' CBD members will be owner furnished and which items must be contractor furnished.
A: ARRC will furnish the precast concrete one row bent caps and two row bent caps, as well as the precast 28' CBD members. The contractor must furnish and install all other ancillary items called for in the plans. See update below.
(1) Reference Appendix G, page 210, Item No. B-13, remove in its entirety and replace with the following:

"Item No. B-13 (501.0007.2) – Precast Concrete Member, 28' CBD

Work includes all equipment, materials, supervision, and labor required to install the Owner provided precast structures ~~and bearing pads~~. Owner provided materials will be delivered to the Seward Yard on rail cars. Use the class of concrete noted on the Plans unless otherwise specified. All materials

required to perform this work shall be as indicated on the Plans and in accordance with SSHC Sections 501, 503, and 504; and the current edition of the American Railway Engineering and Maintenance-of-Way Association (AREMA) Manual for Railway Engineering – Chapter 8 Concrete Structures and Foundations.

Subsidiary to this work shall be all costs associated with the affixing the 28' Concrete Ballast Deck (CBD) segments to the pre-cast concrete members (e.g.: *coring, grouting, and etc.*), and the [furnishing and installation of all ancillary items required to complete the aforementioned task per the plans](#) (e.g.: *bearing pads, diaphragm bracing, fasteners, steel tees, anchor rods, anchor brackets, anchor bolts, etc.*).

Bear Pads:

[Furnish and install elastomeric bearing pads in accordance with SSHC Section 720 and AREMA Chapter 15, Part 5. Bearing fabrication, finishing, tolerances, testing requirements, and installation requirements shall conform to AREMA Chapter 15, Part 5. Elastomeric bearings shall be previously un-vulcanized 100% virgin polyisoprene \(natural rubber\), 60 durometer with low temperature properties equal to AASHTO Grade 5. Steel laminates shall be ASTM A1011. Methyl Ethyl Ketone for use in cleaning of elastomeric bearings shall conform to ASTM D740, Type 1 or Type 2.](#)

Steel members:

[Furnish ancillary steel components accordance with SSHC Section 504, the Plans, and the current edition of the American Railway Engineering and Maintenance-of-Way Association \(AREMA\) Manual for Railway Engineering – Chapter 15 Steel Structures.](#)

[Furnish the Certification Reports for all materials in accordance with SSHC subsection 716-2.08.](#)

[Provide detailed shop drawings to the Owner for approval. Fabrication prior the Owner's approval or acceptance of the shop drawings shall be at the Fabricator's own risk.](#)

[High strength bolts shall be installed in accordance with the Plans and in accordance with SSHC subsection 504-3.01.6. Fastener testing and inspection shall be performed by a certified third-party testing firm. Provide the test results to the Owner for review and approval. Reaming of holes is not acceptable, unless otherwise approved by the Engineer.](#)

[All welds required to assemble the structure shall be completed in accordance with the Plans. Tolerance requirements are included in AREMA Chapter 15, Section 3.1.7 and AWS D1.1; the more restrictive criteria shall control. Prior to welding, the Fabricator shall submit a welding plan stamped by a Certified Welding Inspector \(CWI\) for Owner review and approval. The Fabricator shall be responsible for obtaining inspection services from an independent third-party inspection firm to perform Nondestructive Examination \(NDE\) as specified on the Plans. Inspections shall be completed by a CWI and results provided to the Owner on a weekly basis.](#)

All required falsework is subsidiary to this item and shall meet the requirements of SSHC Section 512.

Method of Measurement: (Each). Compensation shall be paid for at the agreed upon unit price and in accordance with SSHC Sections 501 and 504; and Supplemental SC-01 – Measurement and Payment.”

All other terms and conditions remain unchanged.

Acknowledge receipt of this and all addenda in your firm's Construction Bid Form (Form 395-0121).

Sincerely,

Michele Hope
Contract Administrator