

**Call 04 Bridge Repair on SR 25 at Pearl River, Bridge Nos. 1.7A & 1.7B, known as Federal Aid Project Nos. BR-0056-01(093) / 107404301 & BR-0056-01(093) / 107404302 in Hinds & Rankin Counties.**

- Q1. I cannot find a description of the areas to be coated for the following: Line Item 320 - Item Code 907-845-A001 - Coating Existing Structural Steel.
- A1. See Abrasive Blasting and Painting note on sheet 8002 of the plans along with the for information only sheets in the plans.
- Q2. Would you be able to provide the estimate of square footage for the structures to be painted before plans and proposal are purchased? Usually the square footage to be painted is located in the proposal, but was unable to locate. Assuming may be in the plans?
- A2. **REVISED ANSWER:** See Abrasive Blasting and Painting note on sheet 8002 of the plans which **reads in part** "All structural steel members shall be abrasive blasted, as referenced in section 907-845-03-7-6, of the specifications and repainted. The square footage of 46,800 sq. ft. **(93,600 sq. ft. total)** given for this item is for information purposes only and is approximate and will not be measured for payment. Actual square footage may be more of less than given, but shall not be basis for additional compensation. Payment shall be made by the (each) regardless of over-run or under-run of the given square footage."
- Q3. What is the square footage of line #0320 Item 907-845-A0001 Coating Existing Structural Steel?
- A3. See Q and A #2.
- Q4. Where will the contractor be allowed to access the site? Can the city streets on the northeast (Riverview Dr.) and southeast (River Ridge Dr.) be used?
- A4. Yes. However, the Contractor will be responsible for any damage repair to the streets as per Subsection 107.12 of the 2017 Standard Specifications.
- Q5. **1.** Sheet 8010 gives overall loads to be jacked. Is the 700 tons the weight of the total span? **2.** What is the load at the ends of each 40' beam?
- A5. **1.** Yes, including the estimated live load. **2.** 39 Tons. Since a F.S. of 2.0 is required, the minimum jack capacity is 78 tons.
- Q6. Is the 46,800 square foot quantity for the steel painting one bridge or both bridges?
- A6. See upcoming addendum.

- Q7. **1.** On Sheet 8012 of the plans only three FRP systems are listed. Can alternate materials be submitted provided they meet or exceed the minimum mechanical properties of the systems listed? **2.** FRP systems come in a wide range of thicknesses (i.e. fabric weights). What are minimum required strength/stiffness values for the FRP to be used on this project? **3.** It is assumed the FRP wrap is a unidirectional carbon fiber wrap and the orientation on the sides of the pier cap is vertical. Please verify if this correct.
- A7. See upcoming addendum.