

Call 01 Work necessary for Interchange Improvements on I-20 at the West Brandon Interchange, known as Federal Aid Project No., HSIP-0020-01(191) / 105536301 and State Project No., SP-0020-01(063) / 105536302 in Rankin County.

Q1. What is the required finish of the facing for 8" permanent CIP soil nail wall?

A1. The Contractor should reference Special Provision Section 907-825.03.5 Concrete Facing on page 357 of the Proposal.

Q2. Will there be any lane closure restrictions on Marquette Road?

A2. Yes, see the upcoming addendum to the project.

Q3. Russo Corporation request permission to bid the soil nail shotcrete wall. Please let us know who we should send our resume to. Thanks Lance Kitchens, PE Russo Corporation

A3. Send it to the MDOT Geotechnical Engineer, Mr. Sean Ferguson email to: (sferguson@mdot.ms.gov).

Q4. **1.** Geotechnical Report No. 13-31-22: "The concrete mix used on this project should be designed according to specification requirements for severe sulfate conditions for concrete structures." This requirement is not stated in the structural drawings. Does the drilled shaft concrete require severe sulfate design conditions? **2.** Drilled Shaft Notes: "The Engineer shall require a minimum of five (5) days after the trial shaft has been completed to determine which type of load test shall be performed." Please clarify the maximum days the Engineer will require before directing the Contractor which type of O-Cell test will be required (single-level or multi-level)? Note: 2-each, 2-inch steel plates are required for each O-Cell level and these plates will require up to a week to fabricate and deliver after the type of test is determined by the Engineer. **3.** Drilled Shaft Notes: "Permanent steel casing shall be required on all drilled shafts in Bents No. 3 & 4 to a minimum depth of 25ft or longer subject to review of The Director of Structures, State Bridge Engineer and the MSLLC Rail Road. Bents 3 & 4 have a total of 6 each 54" drilled shafts and this will require a minimum of 150 LF of 54" permanent casing, but the provided Estimated Quantities allow for 125 LF, please clarify. • Also, please provide the maximum duration required by the Director of Structures, State Bridge Engineer and the MSLLC Rail Road before the casing design lengths at bents 3 & 4 will be determined. **4.** Please provide KCS shoring/casing requirements for this project. **5.** Drilled Shaft Notes: "A draft copy of the load test report shall be submitted to the State Geotechnical Engineer within three (3) days of completion of the load test for each test shaft. The final load test report shall be submitted to the Engineer within thirty (30) days. Per the 2004 Mississippi Standard Specifications: "After completion of any load test, the order list providing the final production lengths will be provided within two weeks of receiving the load test results." Please clarify if the two week time frame begins after the Engineer receives the "draft" report or if it begins after receiving the "final" load test report? **6.** Railroad Notes: "Railroad protective liability insurance will be required per section 107.14.2 of the 2004 Mississippi Standard Specifications. Does this requirement apply to all subcontractors and sub-subcontractors, please clarify.

Revised: A4. **1.** Yes **2.** Two (2) weeks. **3.** The quantity has been revised for permanent ~~sheet~~ ~~piling~~ steel casing. The normal review time for this process is approximately three (3) weeks. **4.** Request the current shoring requirements from the railroad at the following contact:

Sri Honnur, P.E.

Engineering Department

Post Office Box 219335

Kansas City, MO 64121-9335

SHonnur@KCSouthern.com

5. Final load test **6.** Refer to Special Provision 907-107-13 of the contract proposal.

Q5. Working Number TC-2 of the Traffic Control Plan calls for 6" Temporary Thermoplastic and Temporary Raised Markers. Which pay items will be used to pay for these items?

A5. They will be paid for under the permanent pay items.

Q6. 808-A001, 907-823-B001, and 907-823-A001 are missing from the Summary of Quantities plan sheets.

A6. See NTB 5107 in the contract proposal.

Q7. On Pay Item: 907-824-PP093 Repairing Damaged Pile Encasements, can the encasements be formed up round because of pressure point's and availability of forms sizes.

A7. No

Q8. What section or page number can I find the spec for the temporary & permanent casing? I was wondering about wall thickness and any coatings.

A8. Drilled shaft specifications are in 803.03.2 of the 2004 MS Standard Specifications for Road and Bridge Construction.

Q9. Can the label on the aluminum surface mount pull box assembly for the bridge conduit be a sticker or does it need to be engraved in the lid?

A9. The label will need to be engraved on the boxes. MDOT will also provide an additional epoxy label to the contractor with phone numbers and other identifying information.

Q10. In reference to pay item 602-A001 - Reinforcing Steel - 1008 LBS, on Wk. No. SQ-3 (Sheet 19), note says 505 lbs. for Sign Footings. However, on Wk. No. EQ-4 (Sheet 26), it shows 1008 lbs. for Drainage Structures. Should item 602-A001 be 1513 lbs.?

A10. The Contractor should bid as per the Contract Proposal bid items and Plan Summary of Quantities (Sheet 19).