

Call 07 Bridge Repair on SR 25 Across Bull Mountain Creek Bridge No. 147.1, known as State Project Nos. EXB-0040-02(036) / 1071393090 & 1071393091 in Itawamba & Monroe Counties.

Q1. In regard to the Concrete for pile encapsulation requirement of "Class AA with a #67 Aggregate, will MSDOT accept an alternate product from Five Star Marine? We would like to suggest Five Star Marine's Underwater High-Strength Cementitious Pile Jacket Grout - a pump grade, cement-based, non-shrink grout for pile restoration, containing "Migrating Corrosion Inhibitors" for superior corrosion resistance. Exhibits positive expansion for shrink compensation and meets the performance requirements of ASTM C 1107 and CRD-C 621 specifications for non-shrink grout. Compressive Strengths: 1 day - 3,500 psi, 7 days - 8,000 psi; and 28 days - 8,500 psi. Bond Strength (ASTM C882) - 28 Days - 2,000 psi.

A1. Yes, it will be allowed.

Q2. Please verify that if the Five Star grout is used for the pile encasement that the synthetic structural fiber reinforcement is NOT required.

A2. No, synthetic structural fiber reinforcement is required in all pile encasements except pile encasements requiring reinforcement steel.

Q3. Are traffic signals per MUTCD allowed in lieu of flagman acceptable?

A3. No

Q4. Are there as built drawings available for this structure? If so, can we get them prior to bid date?

A4. As-built plans are included in the plans; however, maintenance forces are made repairs that may not be reflected on the as-builts, so the as-builts may not reflect the current condition.

Q5. Sheet 8003 has a note on the top of the page that states " Continuous Span Joint Repair Note: Fill intermediate deck joints in 210 ft. continuous span with epoxy mortar or non-shrink grout" What pay item is this covered under?

A5. 907-824-PP097 Bridge Repair, Fill Intermediate Bridge Deck Joints

Q6. Plan Sheet 5 of 10 (8006) is the Girder Repair Layout. This sheet shows 36 each 3 foot repairs, 86 each 4 foot repairs, and 20 each 5 foot repairs. These quantities are different than the bid quantities in the proposal. Which are correct?

A6. All bid quantities in the proposal and in the plans are correct. Please notice on sheet number 8006 of the plans bents 7 and 19 are repeated.

Q7. Line No. 230 Piling Encasement at Bents 2, 3 & 5 thru 29 has a bid quantity of 1,379 LF. Using the table on Sheet 3 of 10 (8004) and applying those dimensions to the fact that all bents have 4 piling except Bent 5, which has 8 piling, yields approximately 1,038 LF. Can MDOT please clarify how the 1,379 LF was calculated?

A7. Additional pile encasement length was added to each pile for uncertain. Approximately, three feet of pile encasement was added to each pile which is not reflected in the table on sheet number 8004.