

Call 09 Replace Twin Bridges on I-55 over SR 306, known as Federal Aid Project No. BR-0055-04(104) / 107420301 in Tate County.

- Q1. The EBS file still shows both bridge concrete items as Class AA. Pay items are different than the plans.
- A1. See upcoming addendum.
- Q2. Bid Item 810-A006: Structural Steel A 709 Grade 50 970,900 lbs What makes up this bid item? Is it the 12x190 steel H-pile or the steel in the panels or both? The piles alone are 1,024,100#
- A2. Structural Steel, A709, Grade 50 Quantity Per Wall should be 512,050 LBS for a total of 1,024,100 LBS.
- Q3. Sheet No. 8017 references "coal tar epoxy" as a coating on the steel pipe pile, is there a limitation to this coating, what is the mil thickness and how many coats?
- A3. Two (2) coats of 16 mil minimum dry film thickness.
- Q4. Will the contractor be allowed to install a single panel between soldier pile in lieu of the multiple panels as shown in the plans?
- A4. No.
- Q5. Please review the quantity for Pay Item 221-A001 Concrete Paved ditch. Based on the dimensions given in the plans, the concrete quantity should only be around 66 cy for the vegetation control pad.
- A5. See addendum.
- Q6. Please review the quantity for Item No. 221-A001, Concrete Paved Ditch. The CY quantity appears high and appears to match the LF quantity of the cable barrier rail item.
- A6. See addendum.
- Q7. On the boring logs the water table elevation is listed as N/A. Does this mean the water table was not encountered or that it wasn't documented? If it was not documented, does MDOT have a record of the water table elevation?
- A7. Groundwater was encountered 1.8 feet below existing ground, which translates to an elevation of 240.2.
- Q8. Steel Pipe Pile Is it 2 coats for a total of 16 mils? What are the limitations for the coating on the steel soldier pile? Millage and coverage?

- A8. **REVISED:** Only exposed pipe piles and steel piles require coating. There are no exposed soldier piles on this project.
- Q9. The concrete quantities for substructure and superstructure appear to be swapped. Please confirm the bridge concrete quantities.
- A9. **REVISED:** See upcoming addendum. ~~The quantities as shown below, and as shown in the bridge plans, are correct. Bridge Concrete, Class AA 269 CY & Bridge Concrete, Class BD 331 CY~~
- Q10. Regarding Q&A #8: **1.** The answer stated only exposed pipe pile require coating. All the pipe pile are in the ground and embedded in concrete. So does that mean there is no coating on the 24" pipe pile? Reference General Notes sheet 8017 last paragraph, it references coating for the pipe pile. Please clarify. **2.** The answer stated there are no exposed soldier pile on this project, sheet 8005 Notes: 4,5, & 6 references the h-pile for the retaining wall as soldier pile and the outside face above ground are exposed. Please clarify.
- A10. **1.** Note on sheet 8017 is a general note. **2.** The face of the piles above ground in the wall shall be painted as per sheet 8029.
- Q11. In reference to the bridge concrete quantities, please reference sheet number 8002 and sheet 8003. The bridge concrete quantities on these pages contradict one another. Please advise.
- A11. See Answer #9.
- Q12. Bid item 682-E002 underground junction box qty (6). Where will these items be used? I understand (4) of them would go with the (4) relocated poles, but where will the remaining (2) be needed?
- A12. Three (3) are located in the northwest quadrant, and three (3) are located in the southeast quadrant of the interchange on Working No. LP-3, Sheet No. 4003.