

Call 06 Bridge Preservation on SR 25 over Plummer Slough (Bridge No. 12.7), known as Federal Aid Project No. NHPP-0056-01(105) / 108281301 in Rankin County.

- Q1. Are there any known underground utilities within the right-of-way on the south side of Hwy 25? We see that utilities are noted on working sheet no. 3, however we do not see where they are located (drawn on the plans).
- A1. No.
- Q2. Please clarify the order of work. Sheet No. 8005 states: "Note: Riprap shall be placed after all excavation has been completed. The scour hole will be filled at this time as well with 300# riprap.[...]" Our initial understanding of the phasing of work as noted on sheet no. 10 was during phase 1 (all work related to box culvert), would include the rip rap in the scour area as necessary for the construction of the box culvert (907-804-B001 Box Bridge Concrete, Class B and 907-824-PP004 Bridge Repair, Removal of Existing Headwall, Apron, Wing Walls, and a Portion of Barrel) including the necessary area for the 907-824-PP004 Bridge Repair, Dewatering and Water Diversion Measurements. And then phase 2 would be the excavation and placement of the remainder of the area of the riprap as noted as "armoring ditch with rip rap". Is this correct, or will all excavation be required to be performed prior to phase 1 placement of rip rap in the scour area (and prior to demo and new construction of the box culvert)?
- A2. An alternate sequence of construction may be submitted by the Contractor for review and approval.
- Q3. The Nationwide Permit No. 3 states: "(c) This NWP also authorizes temporary structures, fills, and work, including the use of temporary mats, necessary to conduct the maintenance activity. Appropriate measures must be taken to maintain normal downstream flows and minimize flooding to the maximum extent practicable, when temporary structures, work, and discharges of dredged or fill material, including cofferdams, are necessary for construction activities, access fills, or dewatering of construction sites. Temporary fills must consist of materials, and be placed in a manner, that will not be eroded by expected high flows." Please confirm that earthen berms / levees will not be allowed for water diversion, due to their nature of being eroded by expected high flows.
- A3. Earthen berms will not be allowed in the stream.
- Q4. Plan sheet number 10 shows a work zone on the south side of Hwy 25. In order to block incoming water from the Ross Barnett Reservoir, we believe that work will be required on the North side of Hwy 25. Please confirm that this will be allowed.
- A4. The Contractor is not prohibited from working on the north side of the project.
- Q5. We see where there is a note on plan sheets 8007, 8008, 8009, and 8010 that reads: "The riprap shall be flush with the surrounding ground elevation and should not be mounded in a way that blocks flow". Please clarify that this is only for the phase 2 work of armoring

ditch with riprap and that it will be allowed to "block flow" during phase 1 work, which is "all work related to the box culvert" especially for 907-824-PP004 Bridge Repair, Dewatering and Water Diversion Measurements.

- A5. At project completion, all riprap shall be flush with the surrounding ground elevation where no water flow is restricted.
- Q6. We understand as per sheet 8002 of the drawings where it notes that one of contractor's submittals is to be the "dewatering/water diversion plan". Since the Ross Barnett Reservoir pools around an elevation of 297.0 or 297.5, we do not believe it is feasible to simply "dewater" by traditional means and methods, without damming up the area. Also, we are unaware of a "diversion plan" that would divert water other than through the existing box culvert. Please clarify if there will be any restrictions or minimum measures that need to be met in order to have an acceptable "dewatering/water diversion plan". (ex: engineer stamped drawing, etc.)
- A6. See addendum.
- Q7. Please confirm if water flow comes into the existing box culvert from both sides - the Ross Barnett Reservoir / North West side and also the "Creek side" / South East side?
- A7. Yes.
- Q8. Please clarify the intention of pay item: 907-824-PP004 Bridge Repair, Dewatering and Water Diversion Measurements 1.00 LS. Is the plan that is to be implemented to be contractor proposed or does MDOT have a specific plan that the contractor is to follow?
- A8. Dewatering and Water Diversion plan is contractor designed where phase construction of the box culvert can be completed since the water flow can only be re-directed. See addendum.
- Q9. What traffic control will be required when working in the MDOT right of way on the North side of Hwy 25 for work associated with 907-824-PP004 Bridge Repair, Dewatering and Water Diversion Measurements?
- A9. If work is performed on the north side of SR 25, ROAD WORK 500 ft and END ROAD WORK signs will be required in addition to any shoulder closures necessary to safely perform the work.