

Call 01 Slide Repair on SR 822, 1.8 miles East of SR 27, known as Federal Aid Project No. ER-1441-00(006) / 108455301 in Warren County.

- Q1. On a similar project (Emergency Slide Repair on I-20 South Frontage Road, known as State Project No. SP-0020-01(065) / 107480301 in Warren County.) MDOT provided the following contract line items for measurement and payment associated with construction of a shoring system to allow for safe access to work around the existing drainage structure (tie onto the existing box culvert) 803-D014 HP 18 x 135 Steel Piling LF and 907-820-PP001 Lagging Timbers SY. We request that MDOT issue a shoring plan and add at least these 2 line items in the contract for when the Contractor excavates the toe of the failed slope out to tie onto the existing box culvert and also for when the Contractor excavates out to lay the 80' of pipe and construct the 2 each junction boxes.
- A1. Slopes shall be laid back to provide a safe working environment. However, the Contractor shall be responsible for placing what bracing, shoring, or ground support system deemed necessary to prevent a failure and protect the persons working near the excavation, the public that may be above the excavation, or any structures adjacent to the excavation. All costs for designing, drawing, and constructing the facility shall be included in other bid items.
- Q2. What measures are to be required to be taken so that when the Contractor excavates out the toe of the existing failed slope (which will be removing the buttress) the entire roadway does not slide more causing a complete loss of the entire roadway?
- A2. See Answer #1.
- Q3. Please provide a detail for the following contract line item: 815-B001 Grouted Riprap 135.00 SY. What is the rip rap thickness, ditch width, ditch length, etc.?
- A3. The riprap shall be Size 300, and the ditch is to be approximately 150' in length and 8' wide. The riprap will be placed 18" thick with a 2' toe at the top and bottom.
- Q4. Please add a contract line item for 203-G Excess Excavation, LVM, AH CY.
- A4. See addendum. The pay item and quantity is to be used at the discretion of the Engineer.
- Q5. What size holes are to be "drilled into the top of the asphalt" for the installation of the flowable fill?
- A5. 6"
- Q6. Will the flowable fill that is to be installed to fill voids under the west bound lanes be required to be pumped or simply gravity fed? If pumped, what PSI is required as to not lift other areas of the highway or blow out the slope if the roadway?
- A6. Gravity fed.

- Q7. What are the gradation requirements for 304-D002 Granular Material, Crushed Stone 655.00 TON?
- A7. See addendum.
- Q8. Will work be allowed 24 hours per day if proper lighting is provided?
- A8. No.
- Q9. Will the Contractor be allowed to work all days, including holidays, until project completion?
- A9. Yes.
- Q10. Should during the project, the westbound lane fail, please confirm that it is MDOT's intention to repair the area with the pay items in the contract and simply increase the quantities to cover the actual work that is required to be completed.
- A10. Refer to Note 12 in the Scope of Work.
- Q11. Please provide a detail for JB-1 and JB-1 (we assume it is supposed to be JB-2).
- A11. The detail drawings for JB-1 and JB-1A can be downloaded at the following link:
<https://file-exchange.mdot.state.ms.us/dl/?f=d96d079f235c4c2287922e5379e5a52587d86004>
- Q12. Please clarify the location where the 234-A001 Temporary Silt Fence 500.00 LF is to be installed.
- A12. It is to be installed where necessary to prevent erosion and sedimentation from leaving the project site.
- Q13. Please clarify the location where the 237-A002 Wattles, 20" 200.00 LF is to be installed.
- A13. See Answer #12.
- Q14. Please clarify the location where the 246-B001 Rockbags 200.00 EA are to be installed.
- A14. See Answer #12.
- Q15. Please clarify the dimensions for the 206-A001 Structure Excavation 125.00 CY. Please keep in mind the outside diameter / dimensions of the 44"x27" RCAP pipe and the fact that the proposal reads "after the pipe is installed, forms shall be placed two (2') on each side of the pipe for flowable fill." Forms can easily be 1' to 1.5' thick and the Contractor will need 3' on the outside of the forms for personnel to build the forms.

- A15. ~~Refer to Subsection 206.04 of the 2017 Mississippi Standard Specifications for Road and Bridge Construction.~~ **Revised Answer:** In cases where a form wall is required adjacent to the pipe, structure excavation will be measured inclusive of the pipe and form walls. Therefore, it will be measured from 1' from the back of form on one side across the pipe to back of form plus 1' foot to the other side where it is specified that a form wall is to be installed. All other situations that do not require a form wall will be measured as per the 2017 Standard Specifications of Road and Bridge Construction.
- Q16. Please confirm that for 203-EX040 Borrow Excavation, AH, LVM, Class B9 6,200.00 CY, the material is required to come from a MDEQ permitted pit.
- A16. Refer to Subsection 107.23 of the 2017 Mississippi Standard Specifications for Road and Bridge Construction.
- Q17. Please clarify if 206-A001 Structure Excavation 125.00 CY will be paid for LVM (loose vehicular measure) or PM (plan measure).
- A17. See Answer #15.
- Q18. Can the contract be modified to allow for measurement and payment for the rip rap to be by the TN and the grout by the CY?
- A18. No.
- Q19. What size rip rap is to be used for 815-B001 Grouted Riprap 35.00 SY? 100 lb., 200 lb., 300 lb., or 500 lb.?
- A19. See Answer #3.