

Call 06 Bridge Rehabilitation on US 98 at CNIC RR Bridge No. 78.3, known as Federal Aid Project No. BR-0014-01(058) / 106190301 in Pike County.

- Q1. Would the MDOT consider including the following Pay Items within the list of Specialty Items for this project? 907-202-B001 Removal of Bridge Deck, Hydrodemolition and 907-845-A001 Coating Existing Structural Steel
- A1. See addendum.
- Q2. The estimated bid quantity of 1019 sq. ft. for the Pay Item No. 907-824-PP003 "Bridge Repair, Removal of Bridge Deck" appears to only include the area of full depth deck removal at the joints and end walls within the middle 31'-10" of the bridge width. We have yet to find a note specifically addressing how the removal of the bridge deck (in the outer 12'-4 1/2" of each side of the bridge) and the railing removal is to be paid for. Please clarify what Pay Item the removal of the bridge deck and railing concrete within the outside 12'-4 1/2" width on each side of the bridge is to be paid for under.
- A2. This will be paid for under Pay Item 202-B027, Removal of Bridge Deck, Curb and Railing.
- Q3. Bid Item 907-824-PP006 for Bearing Replacements calls for quantity 68. However, Sheet 8019 shows a quantity of 64.
- A3. See addendum.
- Q4. Is it MDOT's intention to have a thin layer of concrete formed under the top flange of the overhang brackets? With all due respect, this would appear to be problematic in the long term, leaving the potential for this portion for concrete to pop/spall off over time. If this is the intention, what is the missing vertical dimension in the Bracket Encasement Detail on Sheet 8018?
- A4. Two (2") inches. See addendum.
- Q5. Can the MDOT provide a breakdown, including quantity and weights, of the items that are included in Pay Item #810-A006 "Structural Steel, A 709, Grade 50"?
- A5. Overhang Bracket Components: 10,501 lbs.
W33x221 Beams: 46,852 lbs.
- Q6. Please indicate which Pay Items will be used to pay for the removal of the existing overhang brackets and existing girders indicated in the plans.
- A6. See Answer #2.
- Q7. **1.** Sheet Number 8002 states "Bridge concrete for end bent reconstruction and approach slab modification shall be Class AA", however Sheet Number 8007 states "All concrete in end bents shall be class BD", please clarify which is correct. Is the concrete and

reinforcement to be absorbed into Pay Item 907-824-PP006 "End Bent Reconstruction"? Is the concrete and reinforcement to be absorbed into Pay Item 907-824-PP003 "Bridge Repair, Bridge Deck Repair"? 2. Sheet Number 8002 states "Bridge concrete for hydrodemolition repair and bridge deck repair shall be bridge overlay concrete". It would appear that the quantity for the "Bridge Deck Repair is in the quantity for Class "BD". Based on the above questions, please define the work and materials the following Pay Items are to include: 804-A001 "Bridge Concrete, Class AA" 804-A004 "Bridge Concrete, Class BD" 907-804-0001 "Bridge Deck Overlay Concrete" 907-824-PP003 "Bridge Repair, Bridge Deck Repair" 907-824-PP006 "Bridge Repair, End Bent Reconstruction"

- A7. 1. Class AA is correct. See addendum. 2. Pay Item 805-A001 "Reinforcement" includes the following: All reinforcement required for work EXCLUDING the reinforcement required for the railing. Pay Item 804-A001 "Bridge Concrete, Class AA" includes the following: Concrete for end bent reconstruction. Pay Item 804-A004 "Bridge Concrete, Class BD (Bridge Deck)" includes the following: Concrete & installation for exterior bay reconstruction & overhang reconstruction. Pay Item 907-804-0001 "Bridge Deck Overlay Concrete" includes the following: Concrete for hydrodemolition overlay and repair of the deck & drop slabs. Pay Item 907-824-PP003 "Bridge Repair, Bridge Deck Repair" will be deleted. Pay Item 907-824-PP006 "Bridge Repair, End Bent Reconstruction" will be deleted.
- Q8. Item 907-824-PP006 for Riser Repairs has a quantity of 3 each but Plan Sheet 8015 identifies four (4) riser locations to be repaired. Should the correct quantity be 4 each?
- A8. Yes. See addendum.
- Q9. Special Provision No. 907-202-1 for Removal of Bridge Deck (Page 70) states that rotomilling of the existing concrete deck prior to hydrodemolition will not be allowed. Plan Sheet 13 details the limits of concrete milling which includes the existing concrete bridge deck. Will the contractor be allowed to mill the existing concrete deck prior to hydrodemolition as shown in the plans? If so, can MDOT confirm that the intent is to pay for this under Item 406-B001 Cold Milling of Concrete Pavement?
- A9. No concrete milling will be performed on this project. See addendum.
- Q10. What items of work other than the footing concrete for the permanent signs (as called out on Plan Sheet 9 for a total of 0.85 CY) does the MDOT have intended to be paid for under the PAY ITEM NO. 601-B001 Class "B" Structural Concrete, Minor Structures with a Preliminary Estimated Quantity of 10 CY?
- A10. See addendum.
- Q11. What is the depth of the concrete milling on the bridge?
- A11. See Answer #9.