

Call 09 Reconstruction of SR 15 (Pave, Grade and Bridge Replacements) from SR 76 to the Union County Line, known as Federal Aid Project No. STP-0022-04(063) / 102607303 in Pontotoc County.

- Q1. 1.** Sheet 2001; Poles P1 & P3 are 30' pole and do not show a luminaire for them. Is there a reason these pole will not have luminaires? **2.** Sheet 2001, 2002 & 2003 show a Power Service Panel near the electrical Demarcation. Will the Power Service Pedestal shown on sheet 2015? **3.** Sheet 2001, 2002 & 2003 show 1-2" Type IV conduit from the controller to the power service panel then to the electrical demarcation. At each Electric Demarcation the arrow note states that the riser to be 1" conduit. Does the riser need to be 1" or 2"? **4.** Pay Item 63-A009 - Pull Box Enclosure, Type 2, Tier 22; shows a quantity of 15. On the drawings there is a quantity of 17. Please Clarify. **5.** Sheet 2001; between Pole "P2" and the Type 3 Pullbox shows 2 ea. - 3" Roll pipe bored. There is not a pay item for 2 ea. - 3" roll pipe bored. Please Clarify. **6.** Sheet 2002; between the Type 3 pull box to the Type 2 pull box going south shows 1 ea. - 2" Roll pipe. There is not a pay item for this item. Please Clarify. **7.** Sheet 2002; the 1 ea. - 2" type IV conduit going to the Flashing Prepare to Stop Sign assembly looks to be going under drive ways. Are these drive ways going to be removed and reinstalled in this project or is it the contractor to absorb the cost to bore under these drive ways? **8.** Pay Item 638-A006 - Flasher Assembly, Prepare To Stop, Quantity of 4. There is only a quantity of 3 shown on the drawings. One on Sheet 2002 & two on Sheet 2003. Please Clarify. **9.** Pay Item 638-D001 - School Zone Flasher Assembly - Solar Powered, Quantity of 4. I cannot find a diagram for this assembly and cannot them on the drawings. Please Clarify.
- A1. 1.** See addendum. **2.** Under the 2017 Specifications, we only use the power service pedestal now, as shown on Sheet 2015. **3.** One (1") will be sufficient. **4.** See addendum. **5.** All three (3") inch rolled pipe will be paid for under 637-D003. See addendum. **6.** All rolled pipe shall be three (3") inches. See addendum. **7.** The driveways will be put back. The two (2") inch Type IV conduit should be changed to three (3") inch rolled pipe to accommodate for boring under the driveways. See addendum. **8.** See addendum. **9.** See addendum.
- Q2. 1.** Pay Item 662-B001, Radio Interconnect, installed in Existing Controller Cabinet: Where will this Radio Interconnect be installed? It is not shown on the drawings. **2.** Sheet 2006; the signals shown for Phase 1 at this location are 5 ea. - Type 1 & 1 ea. Type 3. This quantity also matches what is existing. On Sheet 2007; Phase 2 the quantities goes to 6 ea. - Type 1 & 2 ea. - Type 1A Signals. Are the signals used for temporary to be cost absorbed or are they to be used as part of the quantities proposed on the Proposal? **3.** Sheet 2007; is the 3" roll pipe shown part of Pay Item 637-D003 or is it the same 3" roll pipe shown on Sheet 2003? **4.** Sheet 2007; is the Type 3 Pull Box shown the same Type 3 Pull Box shown on Sheet 2003 or is the one to be cost absorbed with the Temporary Signals?
- A2. 1.** See addendum. **2.** Phase 1 construction, the existing signal is planned to be used during construction. Phase 2 temporary signal will be paid for under 619-H1001. This includes all material and labor for the temporary signal with the exception of the radar detection units which are to be paid for under 641-A002 and 641-B002. **3.** The intention is that the roll pipe that will be installed on the temporary can be used in the permanent installation as

well. It will be paid for with 637-D003 and not included as part of the 619-H temp signal.
4. The Type 3 pullbox shown in the temporary signal Phase 2 will be paid for under 637-A011 and should not be included in the 619-H temp signal.

- Q3.** **1.** Sheet 2003 (TSI-3): The traffic signal notes states "Straight Mast Arms are Required". However, some of the pole shafts are only 17'. It either has to be curved mast arms or a 22' pole shaft to meet height requirements. **2.** Sheet 2004 (TEMP-1): 3 Stop Bar Radar Units are required to maintain existing phasing during temporary operations, but plans only show 2. **3.** Sheet 2006 (TEMP-3): Plans show signal phase 6 uses a Type 1 and Type 3 signal head but currently existing conditions are a Type 1 and Type 7. Is the intent to swap the existing Type 7 for a Type 3 and change signal phases 2 and 6 to split phase operation? Or is the intent to leave the signal as is for Phase 1 Temporary operations. **4.** Sheet 2007 (TEMP-4): Would it be possible to set up the permanent signal to run phase 2 temporary instead of building the temporary shown on this sheet?
- A3.** **1.** See addendum. **2.** See addendum. **3.** See addendum. **4.** No, the phase 2 temporary signal should be installed during the phase 2 construction.
- Q4.** **1.** Sheet 2001 notes has a statement: must match signal at Henry Southern. Is this statement referring to the type of radio equipment? **2.** Plans show (3) "be prepared to stop" advance warning signs. Sheet 25 note 14 calls for (4). Please advise. **3.** On sheet 2001, street name sign (B) is shown two different ways. Will it be the symbol or the words? Please advise. **4.** Do all 30' vertical poles get a luminaire? **5.** Sheet 2015 general note # 3 calls for 800a rating on power service pedestal. Is that needed? **6.** Sheet 2001: What is the 4c cable for? The radio path from exit ramp to Walmart signal has a bridge in-between. How will that be handled? **7.** Sheet 2003 pole p-1 has no street name sign shown. Please advise pay item 653-A002 traffic sign type III, 38 sf. Where is this to be used? What is this?
- A4.** **1.** See addendum. **2.** See addendum. **3.** See addendum. **4.** There are no luminaires on this project. Luminaires are called out by (L) beside the mast arm pole type. Example Type II (L). **5.** See Subsection 722.13 of the Standard Specifications for power service pedestal requirements. **6.** Traffic Signal Cable. **7.** See addendum. **8.** SNS Sign B is missing from P1. See addendum.
- Q5.** Plan sheets TS1 and TS2 may have the incorrect pole heights to go along with the arm styles (curved and Straight). Would it be possible for someone to review this and provide an addenda correcting the sheets if needed?
- A5.** See addendum.
- Q6.** **1.** On sheet 25 (Summary of Quantities) the Note 2 for the Traffic Signal Equipment Poles state Black. The plan sheets 2001, 2002, and 2003 notes state Dark Bronze. **2.** Sheet 2001 does not have the note for straight mast arms for the Traffic Signal Equipment poles. Please verify these poles are to be made with upswept arms. Both sheets 2002 and 2003 call for Straight Arms.

A6. **1.** See upcoming addendum. **2.** Upswept Arms are to be used unless otherwise noted as indicated on Sheet 2008. The mast arm poles at the 278 Ramp are to be upswept arms. The mast arm poles at 346 and 345 are to be straight arms as stated in the notes.