

Call 01 Construction of Interchange on US 78 at Coley Road / Barnes Crossing Road, known as Federal Aid Project No. STP-0006-02(027) / 105420301 in Lee County.

Q1. Could you please verify that asphalt quantities are correct for item 907-403-A010. After calculating quantities based on the typical sections shown on the plans, there is a big discrepancy in tonnages calculated vs plan quantities.

A1. See the upcoming addendum to the project.

Q2. Plan sheet 12 SQ-4 General note #2 states that the Poles to be Powered coated Dark Bronze and also states that the pole to be rated for 140 mph. According to sheet 2007 TSD-5 this falls outside the Coastal counties and shows it to be 90 mph. Could you please verify what you want.

A2. That is correct. It should be 90 mph. An addendum will correct this note.

Q3. Item 221-A001 Paved Ditch - lists 113 cy, 59 cy of which is for paved flumes. Using the stations given in the plan and profile, there is 1594 LF of 4' paved ditch, which comes out to around 80 cy of concrete for Paved Ditch. Cable Barrier is also paid under this item, and comes out at 22 cy. Is this 113 CY quantity correct?

A3. An upcoming addendum will revise the quantity.

Q4. **1.** Quantities for the construction signs, Bid Item 619-D1001 & 619-D2001 & summarized on Sheet 20 appear to be approximately half of what will be require to install the construction signs detailed on Sheet 41. **2.** Sheets 41, 46 & 47 show Type III Barricades together with R1-1 & R11-2 signage to be placed across the new roadway however there does not appear to be a pay item for single faced barricades nor are the quantities for the R1-1 & R11-2 signs included in Estimated Quantities for Traffic Control Signs on Sheet 20 and likewise in the corresponding Bid Items. **3.** Are the Type III Barricades to be installed across the new roadway going to be left in place at the end of the project?

A4. **1.** An upcoming addendum will correct the quantities. **2.** Barricades will be double faced as per pay item 619-G4005. Reference the upcoming addendum for revised sign quantities. **3.** No, the roadway will be open to traffic at the end of the project.

Q5. You are missing at least two fencing pay items that will be required. There is no pay item for Brace Post, 8' x 6" x 6" Concrete. Also, there is no pay item for concrete anchors.

A5. An upcoming addendum will add these pay items.

Q6. **1-**which intersection is the master to be located? **2-**on TSI-1 sheet you show 35' detector pole with VD1 phase 6-SB and on TSI-2 you have VD1 phase 2B-NB. You also have probe point detectors. You have bid items for both. If we are using cameras for these phases, why are probe points needed? **3-**Would MDOT considered using VECTOR system that Temple offers to pick up phases 6 and 1 southbound approach and also phases 2 and 5 northbound approach.

- A6. **1.** The master is on the South ramp and the local on the North Ramp. **2.** The Probe Point Detector Units have been removed from the project. **3.** Yes
- Q7. The plans show 2 Radio's installed in New Cabinets and you show a Closed Loop-On-Street Master System. Where is the Master being installed at? I cannot find anything about this system as to location. Because according to MDOT Specifications a Master is to include a Radio and you state that the 2 Radios on the Pay items are to install in a new cabinet I can only assume that the Closed Loop-On-Street Master is being install somewhere off the Project. We need this location so we can figure what needs to be done to install the radio or communication to the MARC.
- A7. The master is on the South ramp and the local on the North Ramp. The pay item quantity for Radio Interconnect has been reduced to (1) Each in the addendum to this job.
- Q8. How is the 35ft Detector Pole that will be used to mount the advance Video detection for the Traffic Signals be paid for. I do not see a pay item for these 2 poles or a foundation detail.
- A8. Detector poles will not be required on the project.
- Q9. Your Pay item shows 2 pair of Probe Point Detection I assume for the advance detection for the Bridge but your plans are showing Video Detection mounted on 35ft Poles. If you are using Probe Point Detection you do not show installation details for this. Please clarify what you want.
- A9. See QandA #6.
- Q10. **1-**When will addendum be posted that is listed in the questions and answers? **2-**Where is the pay item for the 35' tall detector pole? **3-**What color will the detector poles be? **4-**Where is a pay item for the detector pole foundation? **5-**What size will the foundation be? **6-**What wind load, design life, fatigue category, etc.. to be used on detector poles? **7-**What cabinet will the master be located in? **8-**What is pay item 635-B001 ? **9-**Where is it on plans? **10-**Why probes and Cameras? **11-**Will any of the pay item 668-a016 1" pvc (1,448) be used for power service to each cabinet? **12-**Where is the pay item for the Coax cable required on video detection system?
- A10. **1.** The addendum has been posted. **2, 3, 4, 5, 6.** See QandA #8. **7.** See QandA #7. **8, 9, 10.** See QandA #6 **11.** See General Note #15 on plan sheet # 2003. **12. It will be absorbed in the video detection.**
- Q11. **1-**In Addendum 1, the quantity for paved ditch is different on page 33 of 56 and page 43/56 (Plan Sheet 9). **2-**Can you give a breakdown of the Paved Ditch quantity and the Class B Minor quantity?

A11. **1-**The quantity listed on page 33 of 56 is correct, also reference Notice to Bidders #4691 in Addendum #1. **2.** The quantity for Class B Minor has been revised in Addendum #2 and the Estimated Breakdown for pay item no. 221-A001, Portland Cement Concrete Paved Ditch, is as follows:

Location	Quantity
Paved Ditch	118
Paved Flumes	57
Vegetation Pad for Cable Barrier	22
	197 CY

Q12. The bid schedule shows 78 CY for Minor Structure Concrete. We can only find 22 CY. Is the 78 CY of Minor Structure Concrete correct?

A12. No, see Addendum #2 for this project.