

Call 05 Pave 4 lanes of SR 304 / I-269 from I-55 to SR 305, known as Federal Aid Project No. STP-0029-02(017) / 102556319 in Desoto County.

Q1. There is a discrepancy on the quantities for items 907-668-E001 and E002. The quantities in the proposal do not match sheet EQ-4 of the drawings.

A1. See the upcoming addendum to the project.

Q2. The proposal indicates that (1) Network Switch, Type D switch is required, but the plans do not indicate where it's to be installed. Please confirm that MDOT intended it to be installed in the Type C Equipment cabinet at DMS #1 (Plan sheet ITS-1). The Type D is a modular switch. How does MDOT desire the switch to be configured - at least (2) Gigbit SFP ports w/ fiber transceivers, multiple Base-T Ethernet ports, and lease line connection (T1, DS3, or Metro-E)?

Revised Answer: A2. ~~The Type D switch is used to interface with leased lines like the AT&T line on ITS 2. It will be a T1 sized line for the DMS and camera near Fogg road.~~ Plans were revised to require a Type D Network Switch for all DMS Type C equipment cabinets (ITS-1, ITS-10 & ITS-16) and for the Type B cabinet on ITS-2. At a minimum, the Type D switch shall include the following modules: 1 x Ethernet module, 2 x Fiber based modules and 1 x WAN module.

Q3. Relating to NTB 6436 Traffic Management Center (TMC) Modifications section Site 2: The MDOT Regional TMC inside the Southaven Police Department. Does the MDOT TMC in the Southaven PD have an existing video management system capable of handling modern IP cameras or does this project expand the MDOT Parsons/Delcan ATMS to this facility or otherwise require the contractor to install a new video management system? If expanding the existing IP video management system, what are the specifics such as manufacturer, model number, etc.? Is the existing VMS hardware sufficient to support the camera on this project? Are their available licenses for the new cameras? If this project requires installation of a new video management system, what are the specifications?

A3. We will not be adding an ATMS system in Desoto County. The new IP cameras will be networked to the statewide traffic management center to the existing Delcan system. No additional licensing is required.

Q4. Plan sheet ITS-1 indicates that an AT&T leased connection is required in the DMS cabinet. What type of leased connection does MDOT require - Metro-E, T1, DS3, or other?

A4. If MDOT chooses to place a leased line here it would be a 50 mg line Metro-E service or larger. MDOT would pay for all fees and services. The contractor would only be responsible for coordination with AT&T on-site.

Q5. The ITS drawings do not have any corresponding station numbers or layout of the roadway. Is there a better set of plans available?

A5. No survey was available for the ITS work that is located to the west of I-55, however Latitude and Longitude values as well as reference distances are shown on the plans.

Q6. Line #0870 Item #668-A024 is not shown on the plans. Where will this be installed? Also Line #0880 Item #668-A025 is not shown on the plans. Where will this be installed?

A6. See the upcoming addendum, both items removed from plans.

Q7. Will the 72ct fiber on ITS-2 be spliced to anything or left in the type 5 box for future?

A7. On ITS-2, a splice enclosure was added in the Type 5 pull box and a 12 SM F.O.D.C. from the Type 5 pull box to the Type B cabinet was added.

Q8. There is not any boring line items for Traffic Signal Conduits but they are shown on the ITS drawings. Will this be a separate pay item or included in the Traffic signal UG conduit line items?

A8. See the upcoming addendum to the project.

Q9. There is not a pay item for the three DMS pedestal supports. Will there be an addendum issued adding the pay item for these three DMS supports?

A9. Yes, see the upcoming addendum to the project.

Q10. In looking at Pay item 907-656-A002- Dynamic Message Sign, Type 2, there appears to be an omission of corresponding pay items for the pedestal structures to mount them on. Will this be addressed in an upcoming addendum? The specifications make no mention of the structure being included in the DMS pay item. Please clarify.

A10. See the addendum to the project.

Q11. Line No. 0810 lists a pay item for IMSA 20-1, AWG 4, 3 Conductor. The quantity is shown at 2,578 linear feet. The cabling supplier has informed me that in order for them to make this non-standard cable it will have to be a minimum order of 5000'. Can THHN/THWN-2 be used in lieu of IMSA cable in order to prevent MDOT from absorbing the cost of 5,000' of cable in a 2,578' pay item? Line No. 0820 list a pay item for IMSA 20-1, AWG 1/0, 4 Conductor. Is this correct? We have never provided IMSA cable this large on any project and the wire manufacturer has never sold any. They manufacturer is checking into it but they are not sure it is even available. Can THHN/THWN-2 be used on this project like all other MDOT projects?

A11. See the addendum to the project.