

Call 01 (two month letting) Widening I-55 from Byram to McDowell Road, known as Federal Aid Project No. NH-0055-02(218) / 106023301 in Hinds County.

- Q1. Refer to Sheet Number 8087 in the drawings. Textured Concrete Finish Note the patten called out is one that was made by The Burke Company. This company went bankrupt a few years ago and no longer exists. Some other companies bought some of their patterns while other patterns just disappeared. You need to update this note to reflect an existing manufacturer such as Greenstreak or Fitzgerald Formliners, for example.
- A1. We will update this note with a current manufacturer on future projects. The note on sheet No. 8067 sheet indicates that a similar pattern to the Burke Company's pattern may be used with approval by the Director of Structures, State Bridge Engineer.
- Q2. In reference to the Traffic Signal pay items for the poles, they do NOT match the pole chart.
- A2. An upcoming addendum will correct this.
- Q3. On Working Number EQ-19 the plan quantities for Changeable Message Signs is 37 EA. It appears that the most used in any one phase is 9. Will the contractor be paid for a Message Sign 37 times even though some are used again in the following phases. This question would also apply to SRC Signs, Flashing Arrow Panels, Type II Barricades, Drums, and Attenuators.
- A3. An upcoming addendum will be issued to revise the quantity of changeable message boards.
- Q4. Can you please provide the existing structure in place now as to concrete and HMA thicknesses?
- A4. The following are approximate thicknesses:
NB Lane-----6" to 13" (approximately), average thickness of 7 cores = 9 1/2" and variable.
SB Lane-7" to 11 1/2" (approximately), average thickness of 7 cores = 8 5/8" and variable.
******There is 8" of concrete beneath all of the cores referenced above******
- Q5. Is the interior of the HUT to be insulated and RFP or just painted? If painted, what color?
- A5. Yes, the interior of the HUT is to be insulated and painted white/off white or similar.
- Q6. Will the 9.5mm SMA lift be considered the final surface for smoothness evaluation and bonus pay?
- A6. Yes

- Q7. Sheet 3028 trenching detail calls for a spare conduit for future use to be placed at all installations. Is this correct?
- A7. No, the spare conduit shown on the drawing on Sheet 3028 will not be required on the project.
- Q8. Sheet 3005 shows an existing 12ct fiber. Is this fiber routed toward the new OTN hut existing or is the fiber between the traffic signal and the hut a new installation?
- A8. The fiber between the traffic signal and the hut is a new installation.
- Q9. In reference to plan Sheet 4001, general note #11, where is the location of the MDOT facility that the Contractor will be required to deliver the poles?
- A9. They should be delivered to the Whitfield Project Office / Maintenance Lot located at 3769 Hwy 468, Pearl, MS.
- Q10. In reference to plan Sheet 38, Pay Item 685-D001, Note 1 calls for service poles to be used to support temporary aerial fiber optic cable. What location will this take place?
- A10. Addendum #1 has removed this pay item.
- Q11. To what extent and or depth are the pole foundations required to be removed. Typically, this is 2' or 3' but the drawings do not indicate what depth. Sheet Number 38, Notes 4 & 5 on this sheet is shown beside two (2) pay items for rolled pipe. These items are usually trenched in if not they would be shown under the pay items for underground drilled or jacked, rolled pipe. Is the traffic signal conduit, underground rolled pipe supposed to be trenched or bored?
- A11. Section 202.03.3 of the 2004 Mississippi Standard Specification for Road and Bridge Construction it states "existing structures shall be removed to at least one (1) foot below the final ground line or mud line." On sheet number 38, Notes 4 and 5 should only be shown beside pay items 668-B024 and 668-B025.
- Q12. Notice to Bidders No. 4225 A+B bidding indicates that contract time is multiplied by \$50,000. EBS Proposal Sheet contract Time and Comparison of bids indicate contract time is to be multiplied by \$25,000. Which of these is correct and to be used?
- A12. \$50,000 is the correct amount as per NTB 4225 and the EBS file has been corrected.
- Q13. In reference to Sheet 4018, it shows a structure mounted junction box for the underpass lighting but there is not a pay item for this.
- A13. A pay item has been added in the addendum for this project.

Q14. 1. What is the scale of these plans? 2. On Sheet No. 3003 PH1 ITS-1 is the communications interconnect between the Equipment Cabinet Type B (with network switch Type D) and the Type C Ethernet via fiber (SM? or MM?); Ethernet over copper (with surge arrestors), or something else entirely? 3. There isn't a line item 907-658-A00? Hardened Network Switch, Type D, how are these switches to be paid 4. On sheet no. 3004 PH1 ITS-2, is the network switch in the Equipment Cabinet Type B a Type A switch? 5. On sheet no. 3004 PH1 ITS-2, is the network switch in the Equipment Cabinet Type C a new Type A switch or does it already exist? 6. On sheet no. 3014 PH1 ITS-12 under the notes, which special provision does the reference to "Special Provision SP 907-650-AXXX" refer. There doesn't appear to be a special provision or specifications for On Street Video Equipment, PTZ Type. 7. On sheet no. 3021 DMS-1 Type C cabinet note indicates (correctly I believe) that the "cabinet, networks switch, and all other components absorbed in item 907-656-A, with that being the case, are the two (2) 907-637-A002 Equipment cabinets superfluous, spares, or used elsewhere? If not superfluous, what should be included in these cabinets – the specifications are woefully incomplete? 8. On sheet no. 3022, DMS-2 type c cabinet note indicates (correctly I believe) that the "cabinet, networks switch, and all other components absorbed in item 907-656-A, with that being the case, are the two (2) 907-637-A002 Equipment cabinets superfluous, spares, or used elsewhere? 9. On sheet no. 3022, DMS-2 please confirm that the sign note "DMS#1, Type 2" should correctly be "DMS#2, type 2."

A14. 1. The scale is 1" = 100' on full scale drawing and it is 1" = 200' on half scale drawings. 2. The switch description on sheet 3003 is a typo and should be a Type A Switch, not D. 3. There does not need to be a Type D switch because it is not used on this project. The plans should have shown a Type A switch. 4. Yes, all the switches are Type A with the exception of the switch at the node hut, which is a Type C switch. 5. All of the devices existing in the field are completely installed and communicating across the fiber network that is currently in place, therefore, all of the existing cabinets that are being reused have an existing Type A Network Switch in place in order to function on the current network. 6. This refers to the 907-650 special provision that is in the appendix of the MDOT ITS Design Manual. It is just a reference for a standard on installing CCTV's to aid in the reinstallation of these cameras. It can be found at the following website: [http://ftp.mdot.state.ms.us/ftp/Construction/District_5/February_Letting_2013/NH-0055-02\(218\)/](http://ftp.mdot.state.ms.us/ftp/Construction/District_5/February_Letting_2013/NH-0055-02(218)/) 7. Yes, these cabinets have been taken off of the Quantities list because the cabinets are included in the cost of the DMS signs. 8. Yes, these cabinets have been taken off of the Quantities list because the cabinets are included in the cost of the DMS signs. 9. Yes, this is a typo; it should say DMS #2, Type 2.

Q15. Is there a pole drawing for the type 50-5-0-400 that has more information than the drawing in the plans? Is there a fixture drawing for the 400w hps?

A15. The poles are 50-1-0-400 and a different drawing is not available. However, the 400 watt fixtures specified on this project are located in the median on 50' poles and are GE, 400W, HPS, ies type FMC5(flat-glass, medium cut-off, type 5), photometric curve #35-17450454. Cut sheets can be found at the following website for information only as a similar fixture can be used instead. Reference website:

[http://ftp.mdot.state.ms.us/ftp/Construction/District_5/February_Letting_2013/NH-0055-02\(218\)/](http://ftp.mdot.state.ms.us/ftp/Construction/District_5/February_Letting_2013/NH-0055-02(218)/)

- Q16. 1. Will there be temporary pavement marking multiple times in the same locations as the stripe begins to fade. Will this be paid each time? 2. Once you have three (3) lanes in each direction, will a daytime closure be permitted? 3. What is the existing concrete thickness and what is the asphalt thickness above it? 4. Will the Contractor be allowed to close multiple ramps during the SMA and OGFC installation?
- A16. 1. Maintaining and replacement of temporary stripe will be required, and replacement will be absorbed work after the initial placement. 2. After three (3) lanes have been opened in a direction; a daytime lane closure will be permitted. Two (2) lanes in each direction of travel must remain open at all times except as stated in the requirements of NTB 4224. 3. See Q and A #4. 4. The Contractor should reference plan note #6 on Plan Sheet #173 and provide five (5) days minimum notice before closing any ramps for media release purposes.
- Q17. Who will be responsible for the utility charges for the existing services feeding the secondary power controllers for the existing and new high mast and low mast lighting?
- A17. ~~MDOT will continue to pay the power usage cost up to the time the Contractor takes a portion out of service powered by a secondary power controller. When that portion is returned to service, the Contractor will assume the power cost up through the final inspection.~~ Secondary power controllers that are existing will continue to have MDOT pay utility costs regardless of a portion of the lights taken out of service; however, if the power controller is relocated or a new power controller added, the power charges will be paid by the Contractor until completion of the project. Also, any temporary lighting (if applicable for this project) that requires the Contractor to obtain “new” electrical service will be paid by the Contractor. The Contractor will be responsible for any additional utility costs (deposits, customer charges, disconnection cost, re-connection cost, etc.) associated with the modification of the system. Maintenance of all lights within the project will be the responsibility of the Contractor. The Electrical Contractor will be required to use “Lockout” procedures to protect other workers on this project and workers that may be adjacent to the project.
- Q18. The EBS file doesn’t show \$50,000 per day, is this correct?
- A18. A corrected EBS Amendment file was reposted to the website at 4:15 PM on February 20, 2013. The \$50,000 per day is required as per NTB 4225. Contractors should re-download the file in order to bid on the project to receive the update. An upcoming fax letter will be issued to further notify of this change.
- Q19. Who is the manufacturer of the existing Dynamic Message Signs that are being relocated? A factory representative will more than likely have to be on site after they are relocated?
- A19. The manufacturer was LEDSTAR.

- Q20. On sheet 2007 the wind loading is 70MPH should it be 90MPH?
- A20. The plan sheet has been revised to 90MPH, see the addendum.
- Q21. In reference to Plan Sheet 4017, the foundation schedule shows the 24” bases to have 6 - #8 bars but some other details on this sheet show 9 -#10 bars. Typically MDOT 24” foundations have 6 - #8 bars. Which is correct?
- A21. The foundation schedule is correct with 6 - #8 bars.
- Q22. What is the difference between pay item 619-D3001 and pay item 907-630-O003?
- A22. The 619-D3001 is for remove and reset of temporary signs and the 907-630-O003 is for permanent signs.
- Q23. In reference to Pay Item No. 907-641-A001, Radar Detection System, there seems to be no provision for Ethernet communications. How will the RDS communicate back to TMC? Ethernet isn’t required under SP No. 907-641-4; it is only indicated to be upgradeable (optional). No terminal server or other serial to Ethernet communications adapters are indicated for this item or elsewhere in the project.
- A23. The specification for radar detection specifies an RDS comm. cable that provides communication from the RDS to the cabinet. It is a purchase choice when purchasing the device to go with serial or Ethernet based. This purchase choice changes the comm. cable that comes with the device which is absorbed in the cost of the RDS itself according to pay item 907-641. The comm. cable comes from the RDS to the cabinet and goes to the surge suppressor. After the surge suppressor, it goes to the switch which puts it on the fiber network and back to the TMC.
- Q24. In regards to question #17 of the Q&A, under phase one, the existing south bound fixtures will be removed in phase one. The existing highmast will be relocated in phase one. The existing NB fixtures will be removed in phase 4. Will the contractor assume utility usage in phase one when the highmast lighting is relocated or in phase 5 when the new median lights are installed?
- A24. See revised QandA #17.
- Q25. Since the new median lowmast lights are not installed until phase 5, will there be a requirement for temporary lighting?
- A25. No, however, we want as many as practical of the high mast lights to remain burning and maintained during this time.
- Q26. You are calling for 40 mil. spray plastic as temp. markings on some of the phases. Do you expect these plastic markings to be done each night behind the asphalt crew? The

option would be to paint then cover with plastic when all asphalt is finished. (Time is a concern with plastic)

- A26. The project is setup for head to head traffic. With that said, each mainline direction will not be under traffic at the time of striping except temporary widening in prep for head to head traffic.
- Q27. On the quantities pay item no. 685-D001 there are six (6) service poles listed, where are they located and what are they feeding?
- A27. See QandA #10.
- Q28. 1. Who determines how many times temporary stripe will be installed and absorbed on this project? 2. Who determines when it becomes a safety issue?
- A28. 1. Project Engineer 2. It will be determined mutually between the Contractor and MDOT.
- Q29. Will a lane closure be allowed the full length of the project in phases that removal of traffic stripe and temporary striping occurs for the full length of the project in order to shift or relocate traffic? If not, what will be the maximum length allowed?
- A29. For striping purposes only (to include placement and removal), a four (4) mile lane closure will be permitted, all lane closures shall be in accordance with NTB 4224.
- Q30. Were the wage rates and supplement to special provision 907-403-4 updated for this project?
- A30. Yes, the updated wage rates and supplement to special provision 907-403-4 can be found at the following website and will be added to the project by Class IV Supplemental Agreement at a later date:
[http://ftp.mdot.state.ms.us/ftp/Construction/District 5/February Letting 2013/NH-0055-02\(218\)/](http://ftp.mdot.state.ms.us/ftp/Construction/District%205/February%20Letting%202013/NH-0055-02(218)/)
- Q31. Will the new supplement to special provision 907-703-10 apply to this project?
- A31. Yes, the new supplement to 907-703-10 can be found at the following website and will be added to the project by Class IV Supplemental Agreement at a later date:
[http://ftp.mdot.state.ms.us/ftp/Construction/District 5/February Letting 2013/NH-0055-02\(218\)/](http://ftp.mdot.state.ms.us/ftp/Construction/District%205/February%20Letting%202013/NH-0055-02(218)/)
- Q32. In concrete areas overlaid with asphalt, what is the thickness of the concrete?
- A32. The concrete is 8" thick. Also, see revised QandA #4.
- Q33. Refer to Sheet 8067, Section A-A, Note regarding Josam cleanout. The Josam number 8564-20 is not a good number. This ought to be fixed on future projects where this

cleanout is being utilized. Refer to Josam's website for current product line numbers:
[Http://www.josam.com/product](http://www.josam.com/product). We suggest possibly Josam #58680 as a substitute.

- A33. We will investigate and possibly update this note on future projects. The note on sheet No. 8067 sheet indicates that an "Approved Equal" may be used.