

SECTION 905 -- PROPOSAL (CONTINUED)

I (We) further propose to execute the attached contract agreement (Section 902) as soon as the work is awarded to me (us), and to begin and complete the work within the time limit(s) provided for in the Specifications and Advertisement. I (We) also propose to execute the attached contract bond (Section 903) in an amount not less than one hundred (100) percent of the total of my (our) part, but also to guarantee the excellence of both workmanship and materials until the work is finally accepted.

I (We) enclose a certified check, cashier's check or bid bond for **five percent (5%) of total bid** and hereby agree that in case of my (our) failure to execute the contract and furnish bond within Ten (10) days after notice of award, the amount of this check (bid bond) will be forfeited to the State of Mississippi as liquidated damages arising out of my (our) failure to execute the contract as proposed. It is understood that in case I am (we are) not awarded the work, the check will be returned as provided in the Specifications.

Bidder acknowledges receipt of and has added to and made a part of the proposal and contract documents the following addendum (addenda):

ADDENDUM NO. 1 DATED 11/20/2013 ADDENDUM NO. DATED
 ADDENDUM NO. DATED ADDENDUM NO. DATED

| Number | Description |
|--------|---|
| 1 | Revised Plan Sheets 2, 4, and 2028; Ammendment EBS Download Required. |

TOTAL ADDENDA: 1
 (Must agree with total addenda issued prior to opening of bids)

Respectfully Submitted,

DATE _____

 Contractor

BY _____
 Signature

TITLE _____

ADDRESS _____

CITY, STATE, ZIP _____

PHONE _____

FAX _____

E-MAIL _____

(To be filled in if a corporation)

Our corporation is chartered under the Laws of the State of _____ and the names, titles and business addresses of the executives are as follows:

| | |
|--------------------|------------------|
| _____ President | _____ Address |
| _____ Secretary | _____ Address |
| _____ Treasurer | _____ Address |

The following is my (our) itemized proposal.

Revised 09/21/2005

HSIP-6928-00(011) / 106577301

Madison County(ies)

ADDENDUM

| | |
|-------|-------------------|
| STATE | PROJECT NO. |
| MISS. | HSIP-6928-00(011) |

| DESCRIPTION OF SHEET | REVISION DATE | WKG. NO. | SH. NO. |
|--|---------------|----------|---------|
| TITLE SHEET (1) | | TITLE | 1 |
| DETAILED INDEX (1) | | DI-1 | 2 |
| GENERAL NOTES (1) | | GN-1 | 3 |
| SUMMARY OF QUANTITIES (1) | | SQ-1 | 4 |
| TRAFFIC SIGNAL SHEETS (30) | | | |
| TRAFFIC SIGNAL MODIFICATIONS - MS 463 AT REUNION PKWY | | TRS-1 | 2001 |
| TRAFFIC SIGNAL MODIFICATIONS - MS 463 AT CYPRESS LAKE BLVD | | TRS-2 | 2002 |
| TRAFFIC SIGNAL MODIFICATIONS - MS 463 AT PARK PLACE BLVD | | TRS-3 | 2003 |
| TRAFFIC SIGNAL MODIFICATIONS - MS 463 AT ST. JOSEPH | | TRS-4 | 2004 |
| TRAFFIC SIGNAL MODIFICATIONS - MS 463 AT COLONY CROSSING WAY | | TRS-5 | 2005 |
| TRAFFIC SIGNAL MODIFICATIONS - MS 463 AT HIGHLAND COLONY PKWY | | TRS-6 | 2006 |
| TRAFFIC SIGNAL MODIFICATIONS - MS 463 AT WOODGREEN DR | | TRS-7 | 2007 |
| TRAFFIC SIGNAL MODIFICATIONS - MS 463 AT SUNNY ORCHARD DR | | TRS-8 | 2008 |
| TRAFFIC SIGNAL MODIFICATIONS - MS 463 AT WELCH FARMS RD | | TRS-9 | 2009 |
| TRAFFIC SIGNAL MODIFICATIONS - MS 463 AT MAIN ST | | TRS-10 | 2010 |
| TRAFFIC SIGNAL MODIFICATIONS - MS 463 AT POST OAK RD | | TRS-11 | 2011 |
| TRAFFIC SIGNAL MODIFICATIONS - US 51 AT RIDGEWOOD RD | | TRS-12 | 2012 |
| TRAFFIC SIGNAL MODIFICATIONS - US 51 AT LAKE HARBOUR DR | | TRS-13 | 2013 |
| TRAFFIC SIGNAL MODIFICATIONS - US 51 AT SCHOOL ST | | TRS-14 | 2014 |
| TRAFFIC SIGNAL MODIFICATIONS - US 51 AT RICE RD | | TRS-15 | 2015 |
| TRAFFIC SIGNAL MODIFICATIONS - US 51 AT JACKSON ST | | TRS-16 | 2016 |
| TRAFFIC SIGNAL MODIFICATIONS - US 51 AT RIDGELAND AVE | | TRS-17 | 2017 |
| TRAFFIC SIGNAL MODIFICATIONS - US 51 AT MCCLELLAN DR | | TRS-18 | 2018 |
| TRAFFIC SIGNAL MODIFICATIONS - US 51 AT COBBLESTONE DR | | TRS-19 | 2019 |
| TRAFFIC SIGNAL MODIFICATIONS - US 51 AT ST. AUGUSTINE DR | | TRS-20 | 2020 |
| TRAFFIC SIGNAL MODIFICATIONS - US 51 AT MADISON AVE | | TRS-21 | 2021 |
| TRAFFIC SIGNAL MODIFICATIONS - US 51 AT MAIN ST | | TRS-22 | 2022 |
| TRAFFIC SIGNAL MODIFICATIONS - US 51 AT MADISON PKWY | | TRS-23 | 2023 |
| TRAFFIC SIGNAL MODIFICATIONS - US 51 AT OLYMPIC WAY | | TRS-24 | 2024 |
| DETAIL OF TRAFFIC SIGNAL HEADS, TRAFFIC SIGNAL SIGNS, AND GENERAL NOTES | | TSD-1 | 2025 |
| PULL BOX AND CONDUIT TRENCHING DETAILS FOR TRAFFIC SIGNAL INSTALLATION | | TSD-3 | 2026 |
| TYPICAL DETAILS OF CONTROLLER CABINET MOUNTINGS, TYPE 1 POLE ATTACHMENTS AND MISCELLANEOUS DETAILS | | TSD-5 | 2027 |
| MAST ARM AND PEDESTAL POLE DETAILS FOR TRAFFIC SIGNAL INSTALLATION | | TSD-6b | 2028 |
| TRAFFIC CONTROL PLAN (TYPICAL SIGNAL INSTALLATION) | | TSD-7 | 2029 |
| CONSTRUCTION SIGNING | | CS-1 | 2030 |
| TOTAL SHEETS (34) | | | |

PUBLIC UTILITIES
MISSISSIPPI ONE CALL: 1-800-227-6477 OR 811

MDOT: DISTRICT 5 OFFICE, 601-683-3341
CARTHAGE PROJECT OFFICE, 601-267-3401

CABLE:
Comcast
Phone: 601-832-3668

ELECTRIC:
Entergy
Phone: 601-925-6506

FIBER:
InLine
Phone: 205-278-8119

Level 3 Communications
Phone: 720-888-6482

Telepak d/b/a CSpire
Phone: 866-484-5179

GAS:
Centerpoint Energy
Phone: 601-826-7093
Phone: 601-856-9438

Gulf South Pipeline Co.
Phone: 601-939-4602

Texas Eastern Pipeline
Phone: 601-982-8290

PHONE:
AT&T
Phone: 601-829-3911

SEWER/WATER:
City of Ridgeland
Phone: 601-853-2027

City of Madison
Phone: 601-856-8598

Bear Creek Water Assoc.
Phone: 601-856-5969



DATE: 11/18/2013

| | | |
|------------------------------|------------|-----|
| PS & E PLANS-DATE 09-13-2013 | | |
| FMS CON. # 106577/301000 | | |
| REVISIONS | | |
| DATE | SHEET NO. | BY |
| 10-18-13 | 4 | TKK |
| 11-18-13 | 2, 4, 2028 | TKK |
| | | |
| | | |

| | | | |
|----------|------|---|----------------|
| TKK | BY | MISSISSIPPI DEPARTMENT OF TRANSPORTATION | |
| | | DETAILED INDEX | |
| | | US 51 & MS 463 FYA SIGNAL UPGRADES | |
| | | PROJ. NO. HSIP-6928-00(011) | WORKING NUMBER |
| | | MADISON COUNTY | DI-1 |
| 11/18/13 | DATE | FILENAME: DI.dgn | SHEET NUMBER |
| | | DESIGN TEAM GS&P CHECKED SMM DATE 9/13/13 | 2 |

11/18/2013 08:47 DI.DGN

ADDENDUM


| | |
|-------|-------------------|
| STATE | PROJECT NO. |
| MISS. | HSIP-6928-00(011) |

SUMMARY OF QUANTITIES (SHEET 1)

| PAY ITEM NO. | PAY ITEM | UNIT | PRELIMINARY | FINAL |
|--------------|---|------|-------------|-------|
| 618-A001 | MAINTENANCE OF TRAFFIC | LS | 100% | |
| 618-B001 | ADDITIONAL CONSTRUCTION SIGNS | SF | 1 | |
| 620-A001 | MOBILIZATION | LS | 100% | |
| 635-A001 | VEHICLE LOOP ASSEMBLIES | LF | 500 | |
| 636-A003 | SHIELDED CABLE, 4 CONDUCTOR | LF | 3050 | |
| 907-639-A015 | TRAFFIC SIGNAL EQUIPMENT POLE, TYPE IV, 30' SHAFT, 50' ARM | EA | 1 | |
| 907-639-A016 | TRAFFIC SIGNAL EQUIPMENT POLE, TYPE IV, 30' SHAFT, 55' ARM | EA | 1 | |
| 907-639-A029 | TRAFFIC SIGNAL EQUIPMENT POLE, TYPE IV, 30' SHAFT, 45' ARM | EA | 1 | |
| 907-639-C002 | POLE FOUNDATIONS, 36" DIAMETER | CY | 12 | |
| 640-A016 | TRAFFIC SIGNAL HEADS, TYPE 1 LED | EA | 22 | |
| 640-A056 | TRAFFIC SIGNAL HEADS, TYPE 2FYA LED | EA | 48 | |
| 642-A008 | SOLID STATE TRAFFIC ACTUATED CONTROLLERS, TYPE 8A | EA | 2 | |
| 907-642-B001 | SOLID STATE TRAFFIC ACTUATED CONTROLLER MODIFICATION, FYA TYPE 1 | EA | 3 | |
| 907-642-B001 | SOLID STATE TRAFFIC ACTUATED CONTROLLER MODIFICATION, FYA TYPE 2 | EA | 19 | |
| 907-642-C001 | GPS CLOCK SYSTEM | EA | 7 | |
| 644-A001 | OPTICAL DETECTOR | EA | 5 | |
| 644-B001 | OPTICAL DETECTOR CABLE | LF | 445 | |
| 644-C002 | PHASE SELECTOR, 4 CHANNEL | EA | 1 | |
| 646-A001 | REMOVAL OF EXISTING TRAFFIC SIGNAL EQUIPMENT | LS | 100% | |
| 647-A002 | PULLBOX, TYPE 3 | EA | 3 | |
| 647-A005 | PULLBOX, TYPE 2 | EA | 6 | |
| 907-650-A003 | ON STREET VIDEO EQUIPMENT, PTZ TYPE ANALOG | EA | 1 | |
| 907-658-A005 | NETWORK SWITCH, TYPE A | EA | 14 | |
| 907-662-A002 | VIDEO ENCODER | EA | 1 | |
| 666-B004 | ELECTRIC CABLE, UNDERGROUND IN CONDUIT, IM SA 20-1, AWG 10, 2 CONDUCTOR | LF | 180 | |
| 666-B054 | ELECTRIC CABLE, UNDERGROUND IN CONDUIT, IM SA 20-1, AWG 14, 8 CONDUCTOR | LF | 10660 | |
| 668-A018 | TRAFFIC SIGNAL CONDUIT, UNDERGROUND, TYPE 4, 2" | LF | 430 | |
| 668-A020 | TRAFFIC SIGNAL CONDUIT, UNDERGROUND, TYPE 4, 3" | LF | 110 | |
| 668-B025 | TRAFFIC SIGNAL CONDUIT, UNDERGROUND DRILLED OR JACKED, ROLLED PIPE, 3" | LF | 1565 | |

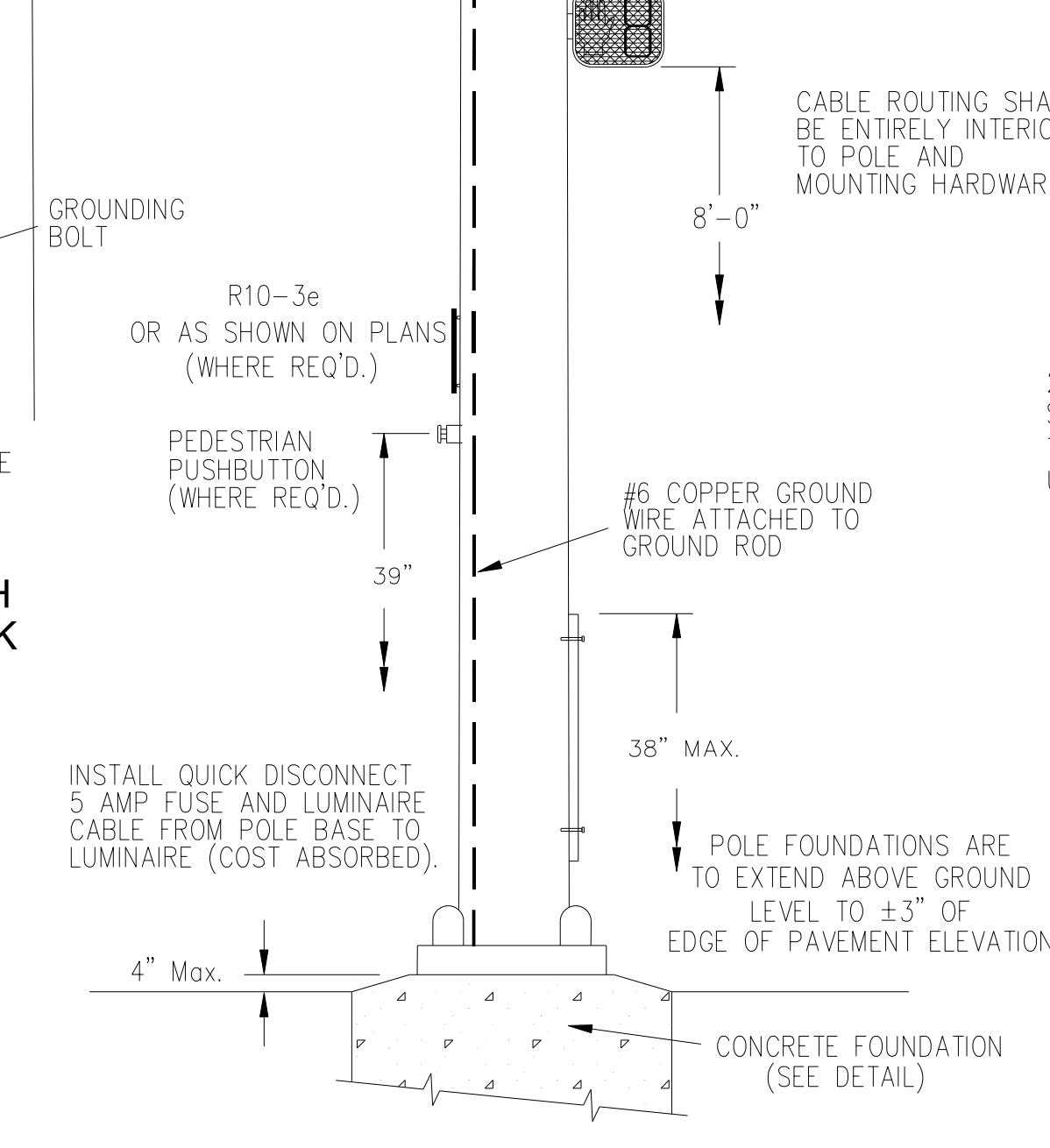
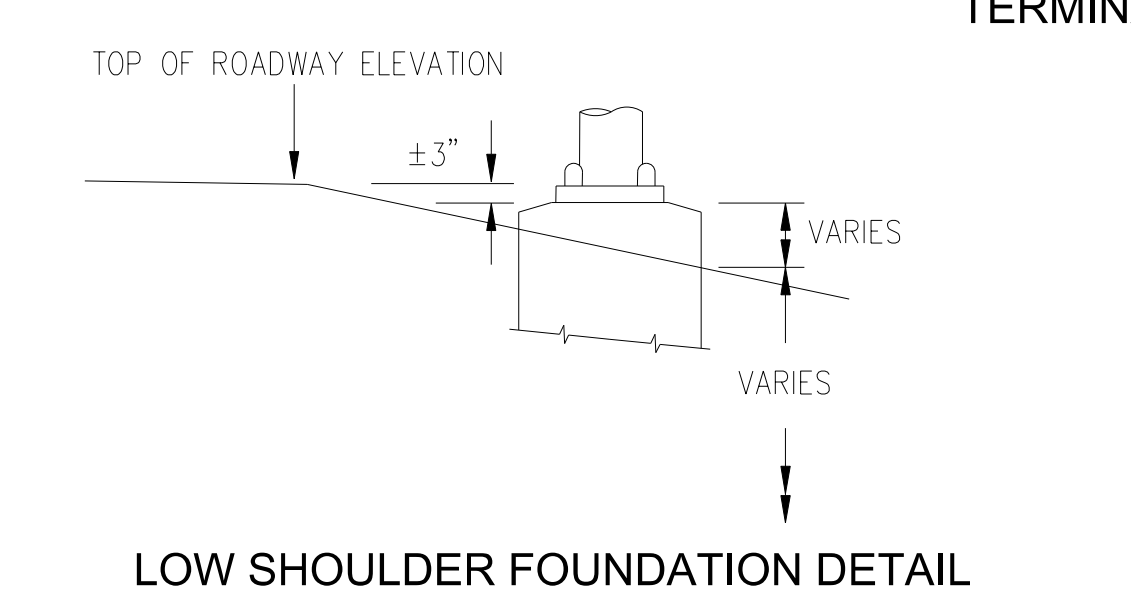
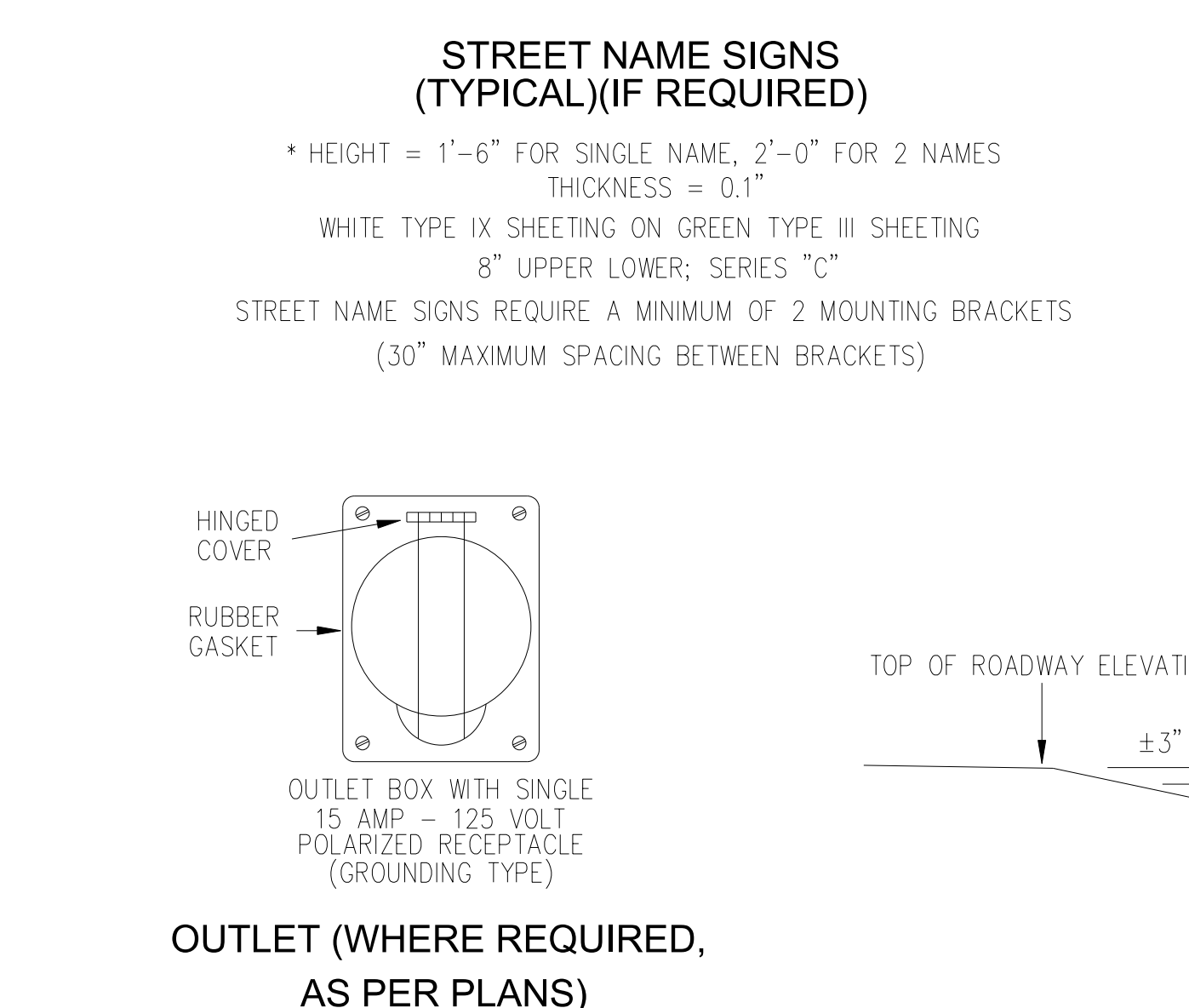
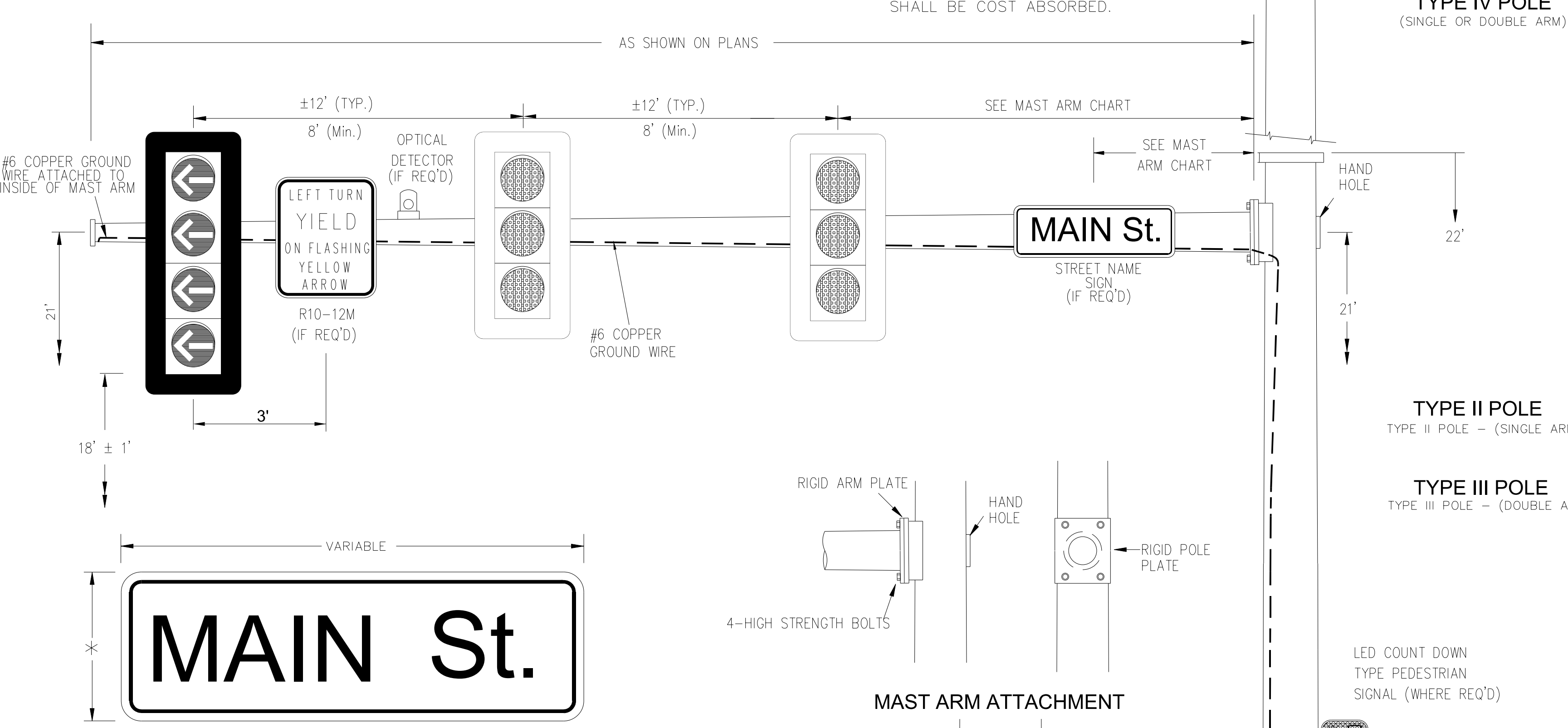
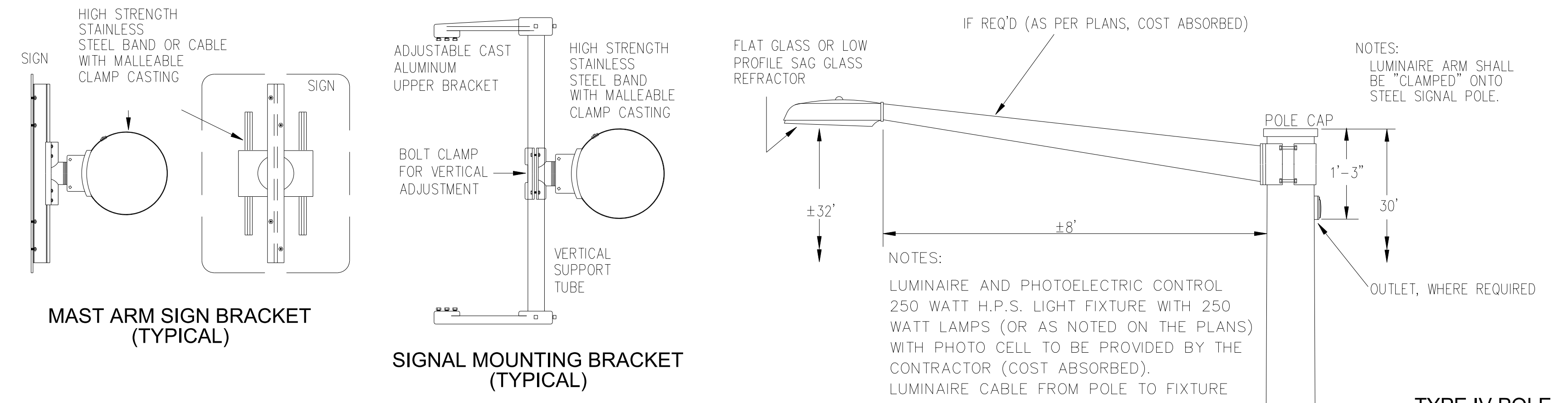
- ① ESTIMATED QUANTITY FOR REPLACEMENT OF DETECTOR LOOPS. ACTUAL QUANTITY AND PLACEMENT SHALL BE AS DIRECTED BY THE ENGINEER.
- ② SEE NOTICE TO BIDDERS REGARDING SOLID STATE TRAFFIC ACTUATED CONTROLLERS.
- ③ REPAIR OR REPLACEMENT OF CONCRETE ISLANDS, SIDEWALK AND OTHER EXISTING STRUCTURES DAMAGED DURING INSTALLATION WILL NOT BE MEASURED FOR SEPARATE PAYMENT.
- ④ FOR REMOVAL OF EXISTING TRAFFIC SIGNAL EQUIPMENT WHERE INDICATED ON THE PLANS. CONTROLLERS, CONFLICT MONITORS, AND SIGNAL HEADS SHALL BE SALVAGED AND DELIVERED BY THE CONTRACTOR TO THE MAINTAINING CITIES AS NOTED BELOW:
 * CITY OF RIDGELAND PUBLIC WORKS COMPLEX, 240 W. SCHOOL ST.
 * CITY OF MADISON PUBLIC WORKS COMPLEX, 1239 HWY. 51
 POLES, CABLING AND ALL OTHER EQUIPMENT SHALL BE REMOVED FROM THE PROJECT AND BECOME PROPERTY OF THE CONTRACTOR.
- ⑤ INCLUDES RELOCATION AND ADJUSTMENTS TO OTHER SIGNAL HEADS, SIGNS AND OPTICAL DETECTORS LOCATED ON SAME MAST ARM. ALSO INCLUDES FIELD DRILLING, TAPPING AND SEALING HOLES.
- ⑥ COST TO ESTABLISH AND PROVIDE ELECTRICAL SERVICE OVER THE LIFE OF THE CONTRACT WILL NOT BE MEASURED FOR SEPARATE PAYMENT BUT SHALL BE ABSORBED IN OTHER ITEMS BID.
- ⑦ INCLUDES WIRING CONNECTIONS TO NEW AND EXISTING SIGNAL HEADS IN CONJUNCTION WITH REMOVAL OF EXISTING CABLE(S).
- ⑧ ALL CABINET EQUIPMENT, WIRING AND CONFIGURATION SHALL CONFORM TO REQUIREMENTS SPECIFIED IN NOTICE TO BIDDERS REGARDING SOLID STATE TRAFFIC ACTUATED CONTROLLERS.
- ⑨ TO BE USED FOR POWER SERVICE TO LUMINAIRES.
- ⑩ ESTIMATED QUANTITY INCLUDES 565 LF FOR BORED CONDUIT AT LOCATIONS SHOWN IN THE PLANS. QUANTITY ALSO INCLUDES AN ADDITIONAL 1000 LF TO BE USED WHERE DIRECTED BY THE ENGINEER. ACTUAL QUANTITY AND PLACEMENT SHALL BE AS DIRECTED BY THE ENGINEER.
- ⑪ POLE FINISH SHALL BE HOT DIPPED GALVANIZED. Δ

11/18/2013 1:54:08 PM S05.DGN

| | | | | | |
|----------|-----------------------------|-----|----|---|--|
| 11/28/13 | ADDED FOOTNOTE | TKK | BY | MISSISSIPPI DEPARTMENT OF TRANSPORTATION SUMMARY OF QUANTITIES PROJECT NO. HSIP-6928-00(011) MADISON COUNTY FILENAME: SQS.DGN DESIGN TEAM GS&P CHECKED SMM DATE 9/13/13 |  WORKING NUMBER SQ-1 SHEET NUMBER 4 |
| 10/28/13 | ADDED AND REVISED PAY ITEMS | TKK | | | |
| | REVISION | | | | |
| | | | | | |

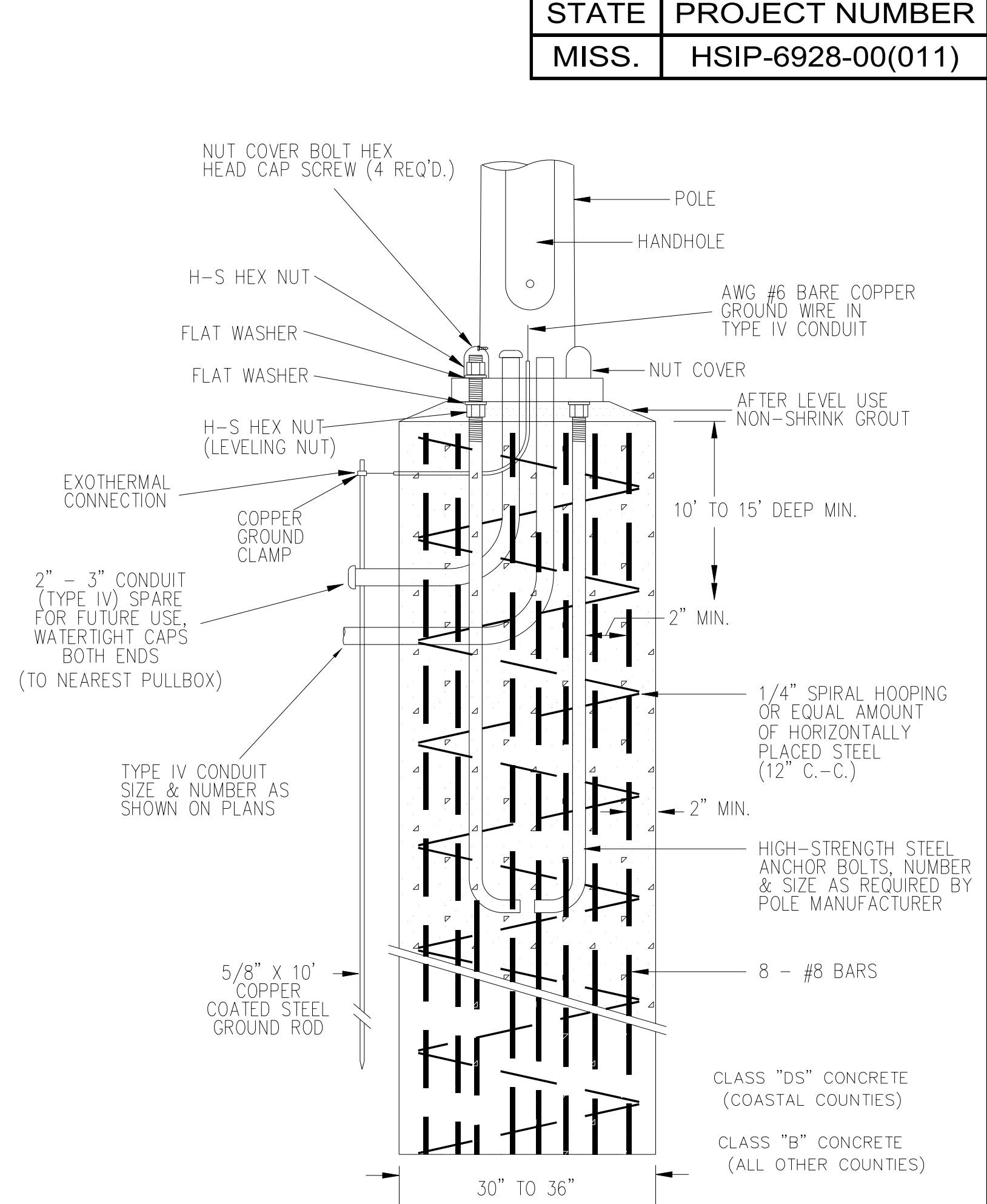
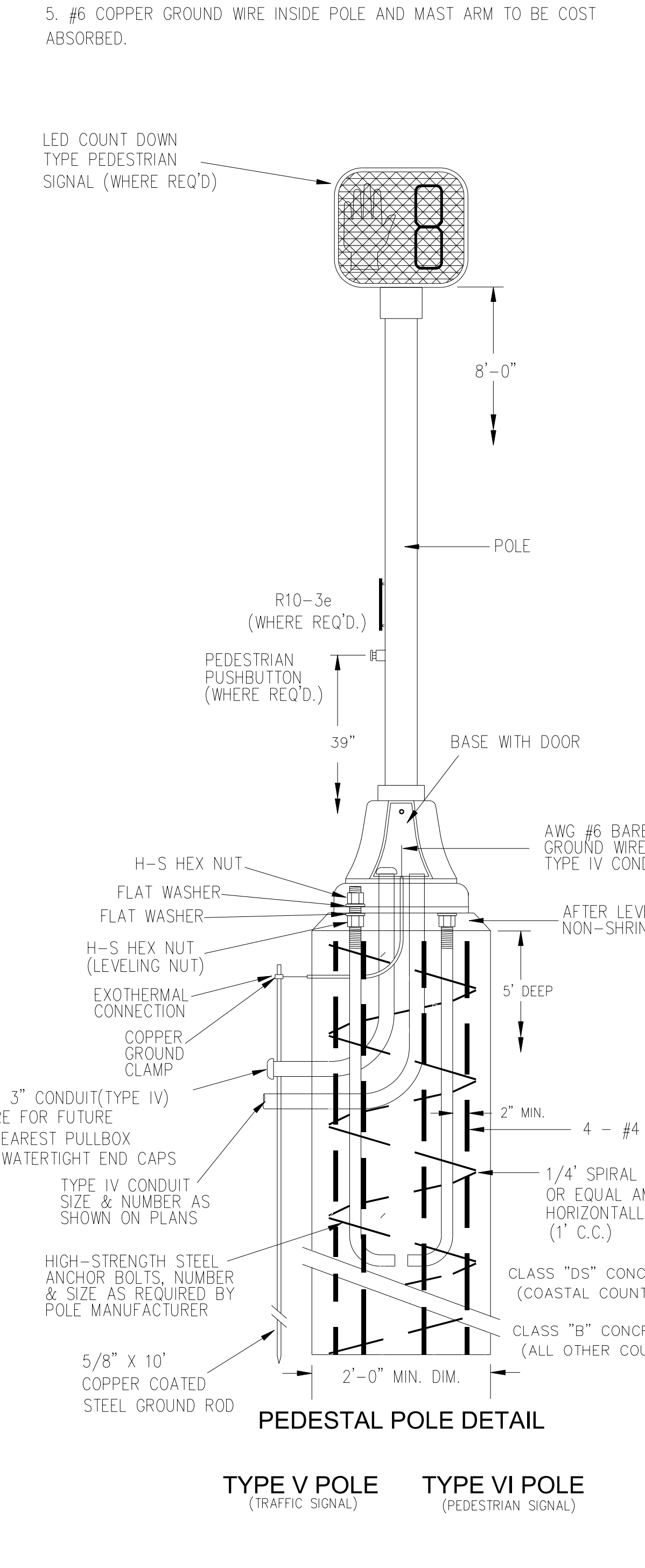
ADDENDUM

| | |
|-------|-------------------|
| STATE | PROJECT NUMBER |
| MISS. | HSIP-6928-00(011) |



NOTES:

- WIRE ENTRANCE TO MAST ARM WILL BE FIELD DRILLED TO CORRESPOND TO THE LOCATION OF THE SIGNAL HEADS WHEN ALIGNED IN THE FIELD.
- RED SECTION INDICATIONS TO BE APPROXIMATELY THE SAME HEIGHT.
- EXACT DIMENSIONS AND LOCATIONS OF ANCHOR BOLTS TO BE SUPPLIED BY THE POLE MANUFACTURER.
- THE CONTRACTOR SHALL PROVIDE MAST ARM POLE DESIGN CERTIFICATION AND CALCULATIONS AS OUTLINED IN SECTION 722.02 OF THE STANDARD SPECIFICATIONS. DESIGN STANDARD FOR MAST ARM POLES SHALL BE THE 2001 AASHTO STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS. USE FATIGUE CATEGORY II. DO NOT CONSIDER GALLOPING OR TRUCK FORCES. USE 50 YEAR DESIGN LIFE. WIND AND ICE LOADS VARIABLE BASED UPON MAPS IN THE 2001 AASHTO SPECIFICATION.
- #6 COPPER GROUND WIRE INSIDE POLE AND MAST ARM TO BE COST ABSORBED.



GENERAL FOUNDATION NOTES

- EXACT DIMENSIONS AND LOCATIONS OF ANCHOR BOLTS TO BE SUPPLIED BY THE MANUFACTURER. ANY FOUNDATIONS FAILING TO MEET MINIMUM DIMENSIONS WILL BE REJECTED.
- DRY SHAFT EXCAVATION MUST MEET REQUIREMENTS OF SECTION 803.03.2.3.2. IF GROUNDWATER OR HOLE INSTABILITY IS ENCOUNTERED, SLIP CASING AND 10' TREMIE SHALL BE REQUIRED.
- WIND LOAD DETERMINES SHAFT DIAMETER AND DEPTH:
 - ALL TYPE IV 30' POLE SHAFT - USE 36" DIAMETER AND 15' DEPTH
 - COASTAL COUNTIES (140mph) - 36" DIAMETER, 15' DEPTH WITH SLIP CASING AND D.S. CONCRETE.
 - 100mph to 130mph - 36" DIAMETER, 15' DEPTH, SLIP CASING NOT REQUIRED.
 - ALL OTHER COUNTIES (90mph):
SINGLE MAST ARM: 30" DIAMETER, 10' DEPTH
DOUBLE MAST ARM: 36" DIAMETER, 12' DEPTH

*SEE 2001 AASHTO GUIDELINES FOR WIND LOAD MAP

| | |
|---|---|
| MISSISSIPPI DEPARTMENT OF TRANSPORTATION | |
| MAST ARM AND PEDESTAL POLE DETAILS FOR TRAFFIC SIGNAL INSTALLATION | |
| 11/16/13 | REPLACED DETAIL SHEET WITH VERSION SPECIFYING STRAIGHT MAST ARM |
| DATE | DESIGNED _____ CHECKED _____ DATE _____ |
| FILENAME: | TSD-6b(straight_arm).dgn |
| WORKING NUMBER | TSD-6b |
| SHEET NUMBER | 2028 |