

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 11/19/2013 ADDENDUM NO. DATED
 ADDENDUM NO. DATED ADDENDUM NO. DATED

Number	Description
1	Revise Table of Contents, replace same; Add Supplement to SP No. 907-107-14; Revise or Added Plan Sheet Nos. 2, 2002; Amendment 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-0009-02(078) / 106418301 Warren County(ies)

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

TABLE OF CONTENTS

PROJECT: HSIP-0009-02(078) / 106418301 – Warren County

901--Advertisement

904--Notice to Bidders:

- Governing Specifications - # 1
- Final Cleanup - # 3
- Fiber Reinforced Concrete - # 640
- Errata & Modifications to 2004 Standard Specifications - # 1405
- Federal Bridge Formula - # 1928
- Status of ROW w/ attachments - # 2382
- Non-Quality Control / Quality Assurance Concrete - # 2818
- Reduced Speed Limit Signs - # 2937
- Alternate Asphalt Mixture Bid Items - # 3039
- Storm Water Discharge Associated w/ Construction Activities (≥ 1 and ≤ 5 Acres) - # 3067
- Temporary Traffic Paint - # 3131
- Safety Edge - # 3585
- Additional Erosion Control Requirements - # 3612
- Type III Barricade Rails - # 3655
- Use of Precast Drainage Units - # 3704
- Petroleum Products Base Price - # 3893
- Questions Regarding Bidding - # 3980
- Disadvantaged Business Enterprise, w/ Supplement - # 4103
- Rumble Stripe - # 4189
- Safety Apparel - # 4214
- Alternate Crushed Stone Base Bid Items - # 4473
- DBE Forms, Participation and Payment - # 4488
- Warm Mix Asphalt (WMA) - # 4524
- Electronic Addendum Process - # 4526
- Manual on Uniform Traffic Control Devices (MUTCD) - # 4565
- DUNS Requirement for Federal Funded Projects - # 4566
- Adjustments for Bituminous Materials - # 4612
- Contract Time - # 4639
- Specialty Items - # 4640
- Payroll Requirements - # 4661
- Pay Item - # 4677

906- : Required Federal Contract Provisions -- FHWA 1273, w/ Supplements

907-101-4: Definitions
907-102-10: Bidding Requirements and Conditions
907-103-8: Award and Execution of Contract
907-104-1: Partnering Process
907-104-5: Scope of Work
907-105-7: Control of Work
907-107-13: Legal Relations & Responsibility to Public
907-107-14: Contractor's Protection Plan, w/Supplement
907-108-30: Prosecution and Progress

- CONTINUED ON NEXT PAGE -

Page 2 - PROJECT: HSIP-0009-02(078) / 106418301 – Warren County

- 907-109-6: Measurement and Payment
- 907-110-2: Wage Rates
- 907-216-1: Solid Sodding
- 907-225-3: Grassing
- 907-226-2: Temporary Grassing
- 907-227-10: Hydroseeding
- 907-237-4: Wattles
- 907-246-3: Sandbags & Rockbags
- 907-249-1: Riprap for Erosion Control
- 907-304-13: Granular Courses
- 907-401-2: Hot Mix Asphalt (HMA), w/ Supplement
- 907-401-6: Warm Mix Asphalt(WMA)
- 907-403-4: Hot Mix Asphalt (HMA), w/ Supplement
- 907-403-12: Warm Mix Asphalt (WMA)
- 907-407-1: Tack Coat
- 907-601-1: Structural Concrete
- 907-618-9: Placement of Temporary Traffic Stripe
- 907-626-25: Thermoplastic Traffic Markings
- 907-639-4: Traffic Signal Equipment Poles
- 907-642-5: Solid State Traffic Actuated Controllers
- 907-643-2: Closed Loop On Street Master System
- 907-644-1: Optical Emergency Vehicle Priority Control System
- 907-645-1: Be Prepared to Stop When Flashing Assembly
- 907-681-2: Submittal Data
- 907-682-13: Roadway Lighting System
- 907-684-1: Contractor Designed Pole Foundation
- 907-699-4: Construction Stakes
- 907-701-4: Hydraulic Cement
- 907-702-3: Polyphosphoric Acid (PPA) Modification of Petroleum Asphalt Cement
- 907-703-11: Aggregates
- 907-710-1: Fast Dry Solvent Traffic Paint
- 907-711-4: Synthetic Structural Fiber Reinforcement
- 907-713-3: Admixtures for Concrete
- 907-714-8: Miscellaneous Materials
- 907-715-4: Roadside Development Materials
- 907-720-2: Pavement Marking Materials
- 907-804-13: Concrete Bridges and Structures, w/ Supplement

SECTION 905 - PROPOSAL, PROPOSAL BID ITEMS

COMBINATION BID PROPOSAL

CERTIFICATION OF PERFORMANCE - PRIOR FEDERAL-AID CONTRACTS

CERTIFICATION REGARDING NON-COLLUSION, DEBARMENT AND SUSPENSION

SECTION 902- CONTRACT FORM, AND SECTION 903 - CONTRACT BOND FORMS

FORM -- OCR-485

(REVISIONS TO THE ABOVE WILL BE INDICATED ON THE SECOND SHEET
OF SECTION 905 AS ADDENDA)

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SUPPLEMENT TO SPECIAL PROVISION NO. 907-107-14

DATE: 10/29/2013

SUBJECT: Contractor's Protection Plan

907-107.22.1--Contractor's Erosion Control Plan. Delete the first sentence of the second paragraph of Subsection 907-107.22.1 on page 1, and substitute the following.

The time between the Notice of Award and Notice to Proceed/Beginning of Contract Time in the proposal, has been allowed for the submittal and concurrence of the Contractor's erosion control plan, MDOT's review of the plan, and any revisions that may be necessary.

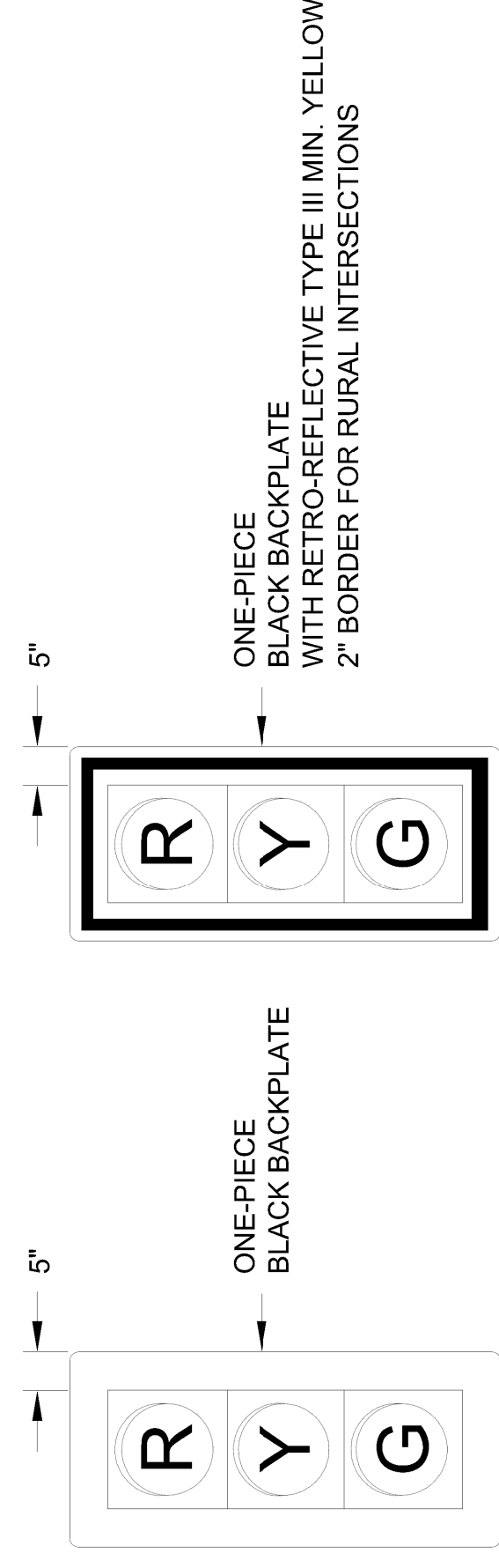
DETAIL OF TYPICAL TRAFFIC SIGNAL HEADS

TYPE 1	TYPE 2	TYPE 2 FYA	TYPE 3	TYPE 4	TYPE 5	TYPE 6	TYPE 7	TYPE 8

NOTES:

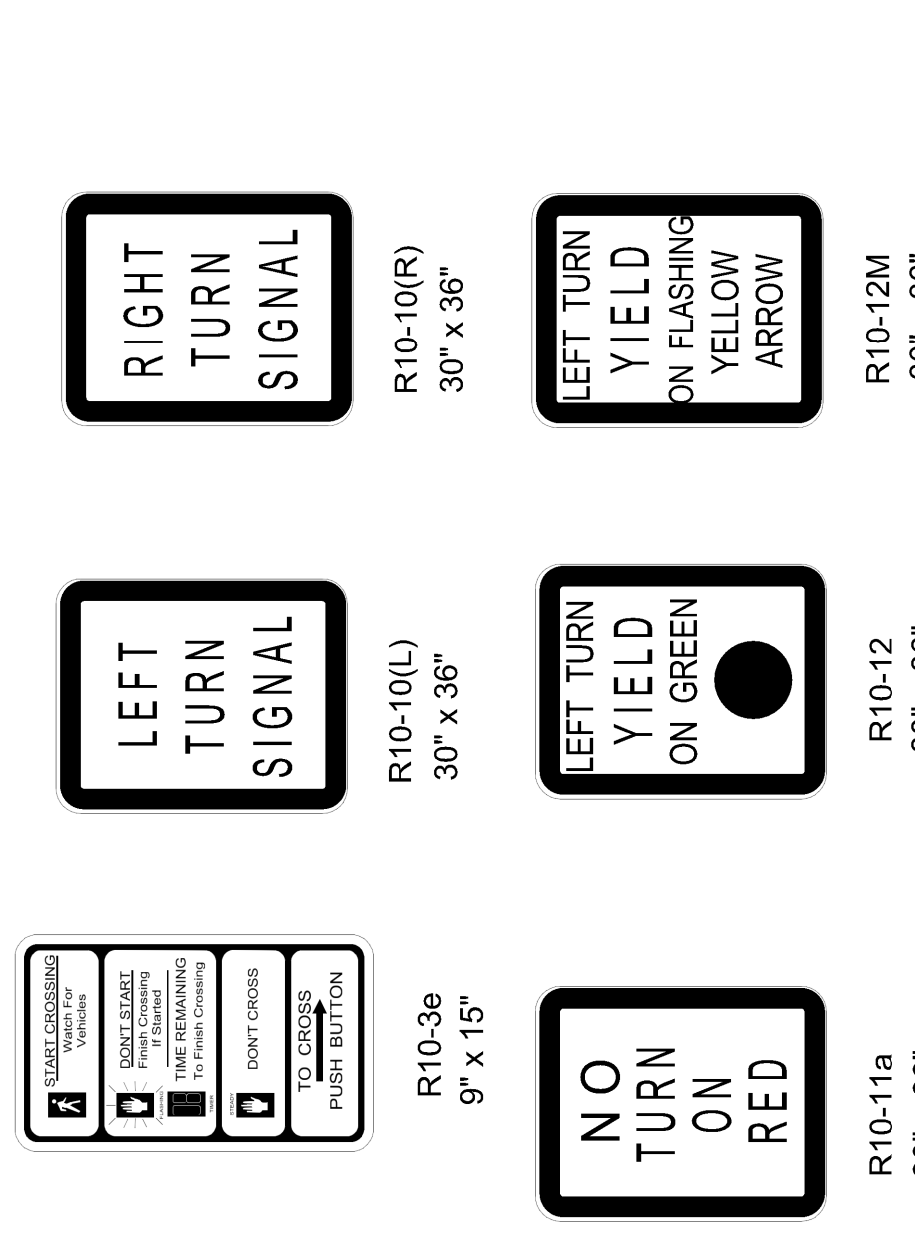
1. ALL SIGNAL HEADS SHALL BE BLACK IN COLOR UNLESS OTHERWISE NOTED ON THE PLANS.
2. ALL SIGNAL HEADS SHALL BE L.E.D. LENSES UNLESS OTHERWISE NOTED ON THE PLANS. TYPE "A" SIGNAL HEAD IS TO BE OPTICALLY PROGRAMMED VIA LOUVERS.
3. LETTER "R" ON HEAD TYPES MEANS RIGHT TURN ARROW(S).
4. TYPE 6 SIGNAL HEAD SHALL BE FURNISHED WITH R10-3e SIGN & PEDESTRIAN PUSHBUTTON. TYPE 6 SIGNAL HEAD SYMBOLS/NUMBERS SHALL BE FULLY ILLUMINATED (NO OUTLINE SYMBOLS ALLOWED).
5. TYPE 7 SIGNAL HEAD SHALL BE FURNISHED WITH R10-12 SIGN WHEN INDICATED ON PLANS.
TYPE 4 & 5 SIGNAL HEADS SHALL BE FURNISHED WITH R10-10L SIGNS.
TYPE 2 FYA SIGNAL HEAD SHALL BE FURNISHED WITH A FYA SIGN.
COST OF SIGNAL SIGNS SHALL BE COST ABSORBED.
6. FOR SPAN WIRE INSTALLATION, THE HOUSING FOR THE RED INDICATION OF A TYPE 7 HEAD, SHALL BE ALUMINUM.

DETAIL OF TRAFFIC SIGNAL WITH BACKPLATE



- NOTE:**
ALL SIGNAL HEADS SHALL INCLUDE BACKPLATES UNLESS OTHERWISE NOTED ON TRAFFIC SIGNAL INSTALLATION SHEETS.

DETAIL OF TYPICAL TRAFFIC SIGNAL SIGNS



NOTES:

1. ALUMINUM SIGN BLANKS ARE TO BE ALLOY 5052-H38 AND 0.08" (NOMINAL) THICK.
2. THE SIGNS SHALL BE SUPPLIED WITH MOUNTING BRACKETS AS REQUIRED.
3. NUMBER 12 PLATED JACK CHAINS SHALL BE ATTACHED TO THE BOTTOM OF ALL SPAN WIRE MOUNTED SIGNS.
4. CHAINS SHALL BE ATTACHED TO SIGN AND TETHER USING "S" HOOKS.
5. THE SIZE OF THE SIGN BLANK, LEGEND, BORDER AND THE COLOR OF THE BACKGROUND AND LEGEND IS TO CONFORM TO THE M.U.T.C.D.
6. THE BACKGROUND SHALL BE REFLECTORIZED USING TYPE IX SHEETING.

GENERAL NOTES

1. INTERCONNECT CABLE SHALL BE EITHER IMSA 40-2 OR IMSA 40-4 SIGNAL CABLE, STRANDED, AVG NUMBER AND NUMBER OF CONDUCTORS AS SHOWN ON PLANS.
2. SIGNAL SUPPLY CABLE SHALL BE IMSA 20-1-1991 SIGNAL CABLE, STRANDED, AVG NUMBER AND NUMBER OF CONDUCTORS AS SHOWN ON PLANS.
3. POWER SUPPLY CABLE SHALL BE IMSA 20-1-2 CONDUCTOR CABLE, STRANDED, AVG NUMBER AS SHOWN ON PLANS.
4. DETECTOR SHIELDED CABLE SHALL BE IMSA 50-2 SIGNAL CABLE, AVG #14 STRANDED COPPER CONDUCTORS, UNLESS OTHERWISE NOTED ON THE PLANS.
5. POLES, SIGNAL HEADS, EQUIPMENT BOXES, PULLBOXES AND CONDUIT MAY BE VARIED SLIGHTLY TO FIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER. HOWEVER, SIGNAL HEAD OR POLE LOCATIONS SHALL BE WITHIN REQUIREMENTS OUTLINED IN THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES AND HIGHWAY DESIGN AND OPERATIONAL PRACTICES RELATED TO HIGHWAY SAFETY.
6. POLES AND FOUNDATIONS OF EXISTING SIGNAL INSTALLATIONS SHALL BE CUT OFF 6" BELOW GROUND OR REMOVED AND AREA RESTORED TO MATCH ADJACENT SURFACE AS DIRECTED BY THE ENGINEER.
7. LOOP AMPLIFIERS SHALL BE REQUIRED AS SHOWN ON PLANS WHERE TWO OR MORE LOOPS ARE CONNECTED TO THE SAME CHANNEL, THEY SHALL BE WIRED IN SERIES.
8. THE CONTRACTOR SHALL PROVIDE MAST ARM POLE DESIGN CERTIFICATION AND CALCULATIONS AS OUTLINED IN SECTION 722.02 OF STANDARD SPECIFICATIONS. DESIGN STANDARD FOR MAST ARMS POLES SHALL BE 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. USE UPSWEEP MAST ARMS.
9. DETERMINATION OF REQUIRED SIZES, LENGTHS AND GAUGES OF TYPE I, II, III AND IV STEEL POLES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR IN ACCORDANCE WITH THE PLANS AND SECTION 722.02 OF THE STANDARD SPECIFICATIONS, UNLESS OTHERWISE SPECIFIED IN PLANS OR SPECIFICATIONS.
10. THE TOP OF THE STRAIN POLE FOUNDATION SHALL BE 6" ABOVE THE GROUND. THE CONTRACTOR SHALL PROVIDE POLES OF SUFFICIENT LENGTH PLUS 2 FEET TO PROVIDE REQUIRED VERTICAL CLEARANCE OF THE TRAFFIC SIGNAL HEADS WITHOUT EXTENDING THE FOUNDATION ABOVE THE GROUND LINE OF THE POINT WHERE THE POLE IS LOCATED, EVEN THOUGH THIS MAY BE BELOW THE FINISHED GRADE OF THE ROADWAY.
11. ALL STRAIN POLES AT AN INTERSECTION SHALL BE THE SAME DIAMETER AND UTILIZE THE SAME BOLT CIRCLE SPACING.
12. POLE FOUNDATIONS AND BASE MOUNTED CABINET FOUNDATIONS, GRADE SHALL BE ESTABLISHED TO ±3" OF EDGE OF PAVEMENT ELEVATION AS DIRECTED BY THE ENGINEER
13. TRAFFIC SIGNAL CABINETS AND CONTROLLERS SHALL BE WIRED TO PROVIDE FOR ALL PHASES INCLUDING FUTURE PHASES IN ACCORDANCE WITH THE PHASE SEQUENCE DIAGRAM.
14. ALL EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED AND SALVAGED BY THE CONTRACTOR WITH THE COST TO BE ABSORBED, UNLESS OTHERWISE NOTED IN THE PLANS. THE EXISTING POLES, CABINETS, CONTROLLERS, TRAFFIC SIGNAL HEADS, AND OTHER ITEMS AS NOTED ON PLANS ARE TO BE STOCKPILED AS DIRECTED BY THE ENGINEER FOR PICKUP BY STATE FORCES OR AS NOTED ON PLANS. ALL OTHER SIGNAL EQUIPMENT SHALL BECOME THE PROPERTY OF THE CONTRACTOR.
15. THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ELECTRICAL SERVICE FROM THE POWER COMPANY SERVICE POINT TO THE TRAFFIC SIGNAL CONTROLLER. FOR SPAN WIRE INSTALLATION, POWER SHALL RUN FROM THE POWER COMPANY SERVICE POINT AERIAL TO THE SIGNAL POLE NEAREST THE CONTROLLER. THE SERVICE SHALL THEN RUN TO THE CONTROLLER AS SHOWN ON THE PLANS. FOR MAST ARM INSTALLATION, POWER SHALL RUN FROM THE POWER COMPANY SERVICE POINT UNDERGROUND DIRECTLY TO THE POWER SERVICE PANEL, THEN TO THE CONTROLLER, AS SHOWN ON THE PLANS. THE CONTRACTOR SHALL MAKE APPLICATION WITH THE POWER COMPANY IN ADVANCE OF NEEDING THE SERVICE. INSTALLATION OF NEW SERVICE POLE (IF NEEDED) IS THE RESPONSIBILITY OF THE CONTRACTOR AND IS COST ABSORBED.
16. IF IT IS NECESSARY TO RUN ELECTRIC SERVICE CABLE FROM ONE POLE TO ANOTHER, THE SERVICE CABLE SHALL BE LASHED TO A SEPARATE MESSENGER CABLE LOCATED 1 FOOT MIN. ABOVE THE SIGNAL CABLE.
17. VEHICLE LOOP ASSEMBLIES SHALL BE INSTALLED IN THE TOP LAYER OF BINDER OR EXISTING SURFACE BEFORE THE FINAL SURFACE COURSE IS APPLIED.
18. PEDESTRIAN PUSHBUTTONS AND SIGNS TO BE INCLUDED IN PAY LOCATIONS OF PUSHBUTTONS MAY BE FIELD ADJUSTED.
19. FIELD DRILL AND TAP EXISTING POLES WHERE PEDESTRIAN SIGNALS AND PUSHBUTTONS ARE REQUIRED ON PLANS. (ABSORBED ITEM).
20. REFER TO WORKING NUMBER TSD-5 "CONDUIT ENTRANCE DETAIL" WHEN NEW CONDUIT(S) ARE REQUIRED AT EXISTING SIGNAL POLES OR CONTROLLERS.
21. MESSENGER CABLE AND OTHER SUPPORTING DEVICES WHERE REQUIRED SHALL BE ABSORBED IN THE PAY ITEMS FOR ELECTRIC CABLE.
22. FOR PROTECTED/PERMITTED LEFT TURN PHASING: TYPE 7 OR 7A TRAFFIC SIGNAL HEADS (FIVE SECTION HEADS) SHALL OPERATE SUCH THAT THE CIRCULAR INDICATIONS DISPLAYED WILL BE IDENTICAL AND SIMULTANEOUS TO THE CIRCULAR INDICATIONS FOR THE ADJACENT THROUGH MOVEMENT SIGNAL HEADS; A CIRCULAR RED AND EITHER A GREEN ARROW OR YELLOW ARROW MAY BE DISPLAYED SIMULTANEOUSLY IN THE SAME FIVE SECTION HEAD. FOR TYPE 2 FYA TRAFFIC SIGNAL HEADS, OPERATION SHALL BE AS FOLLOWS: THE PROTECTED PHASE OF THIS OPERATION SHALL DISPLAY A SOLID GREEN ARROW, FOLLOWED BY A SOLID YELLOW ARROW, AND ENDING WITH A SOLID RED ARROW. THE PERMITTED PORTION OF THIS OPERATION SHALL START WITH A FLASHING YELLOW ARROW, FOLLOWED BY A SOLID YELLOW ARROW, AND ENDING WITH A SOLID RED ARROW. THERE SHALL BE A DELAY (AS DIRECTED BY THE ENGINEER) BETWEEN THE END OF THE PROTECTED PORTION OF THIS OPERATION AND THE BEGINNING OF THE PERMITTED PORTION OF THIS OPERATION. DURING THIS DELAY, THE OPPOSING PHASE THRU HEADS ARE CAPABLE OF DISPLAYING A GREEN BALL. SIGNAL CONTROLLER WITH FIRMWARE NECESSARY TO ACCOMPLISH THIS DELAY SHALL BE PROVIDED.
23. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING TEMPORARY SIGNALS IF NECESSARY TO ACCOMMODATE ROADWAY CONSTRUCTION AND SHALL BE PAID FOR UNDER PAY ITEM 619-H1, TRAFFIC SIGNALS.
24. CONTRACTOR IS RESPONSIBLE FOR SCHEDULING FINAL INSPECTION MEETING WITH DISTRICT OFFICE, PROJECT OFFICE AND TRAFFIC ENGINEERING FOR SIGNAL PORTION OF THE PROJECT.
25. THERE SHALL BE A 30 DAY BURN IN PERIOD FROM THE TIME THE SIGNAL IS OPERATIONAL AS OUTLINED IN SECTION 634.03.3 OF THE MISSISSIPPI STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, 2004 EDITION.
26. EMERGENCY VEHICLE PREEMPTION (WHERE REQUIRED ON THE PLANS) SHALL HAVE A SECURITY ENABLED PHASE SELECTOR.

NO.	DATE	BY	REVISION
10/2013			ADDED TYPE 2 FYA SIGNAL HEAD

**MISSISSIPPI DEPARTMENT OF TRANSPORTATION
DETAIL OF TRAFFIC
SIGNAL HEADS, TRAFFIC
SIGNAL SIGNS, AND
GENERAL NOTES**

PROJECT NO.: HSIP-0009-02(078)
COUNTY: WARREN
FILENAME: TSD-1.DGN
DESIGN TEAM: GARVER
CHECKED: NOT
DATE: APR. 2013
WORKING NUMBER: TSD-1
SHEET NUMBER: 2002