

**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   1/21/2014   ADDENDUM NO.        DATED         
 ADDENDUM NO.        DATED        ADDENDUM NO.        DATED       

Number	Description
1	Revised Table of Contents; Add SP 907-682-10; Revised Wage Rates; Revised BidItems; Revised or Added Plan Sheet Nos. 2, 6, 15, 2001, 2002, & 2003; 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

NH-0055-02(236) / 106483301

Hinds County(ies)

# MISSISSIPPI DEPARTMENT OF TRANSPORTATION

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### PROJECT: NH-0055-02(236) / 106483301 – Hinds County

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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,  
OCR-485.

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

>

General Decision Number: MS140180 01/03/2014 MS180

Superseded General Decision Number: MS20130180

State: Mississippi

Construction Type: Highway

Counties: Copiah, Hinds and Rankin Counties in Mississippi.

HIGHWAY CONSTRUCTION PROJECTS (excluding tunnels, building structures in rest area projects & railroad construction; bascule, suspension & spandrel arch bridges designed for commercial navigation, bridges involving marine construction; and other major bridges).

Modification Number                  Publication Date  
 0    01/03/2014

\* ELEC0480-007 07/01/2013

	Rates	Fringes
ELECTRICIAN.....	\$ 23.35	3%+7.43

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\* SUMS2008-141 09/04/2008

	Rates	Fringes
CEMENT MASON/CONCRETE FINISHER...	\$ 12.85	0.39
LABORER: Common or General.....	\$ 8.25	0.00
LABORER: Pipelayer.....	\$ 10.17	0.00
OPERATOR: Backhoe.....	\$ 13.38	0.00
OPERATOR: Broom/Sweeper.....	\$ 8.00	0.00
OPERATOR: Bulldozer.....	\$ 9.00	0.00
OPERATOR: Grader/Blade.....	\$ 11.67	0.00
OPERATOR: Mechanic.....	\$ 13.00	0.00
OPERATOR: Piledriver.....	\$ 12.50	1.23
OPERATOR: Roller.....	\$ 10.00	0.00
OPERATOR: Scraper.....	\$ 10.00	0.00
TRUCK DRIVER.....	\$ 10.00	0.00

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WELDERS - Receive rate prescribed for craft performing

operation to which welding is incidental.

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 Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (ii)).  
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The body of each wage determination lists the classification and wage rates that have been found to be prevailing for the cited type(s) of construction in the area covered by the wage determination. The classifications are listed in alphabetical order of "identifiers" that indicate whether the particular rate is union or non-union.

#### Union Identifiers

An identifier enclosed in dotted lines beginning with characters other than "SU" denotes that the union classification and rate have found to be prevailing for that classification. Example: PLUM0198-005 07/01/2011. The first four letters , PLUM, indicate the international union and the four-digit number, 0198, that follows indicates the local union number or district council number where applicable , i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. The date, 07/01/2011, following these characters is the effective date of the most current negotiated rate/collective bargaining agreement which would be July 1, 2011 in the above example.

Union prevailing wage rates will be updated to reflect any changes in the collective bargaining agreements governing the rates.

0000/9999: weighted union wage rates will be published annually each January.

#### Non-Union Identifiers

Classifications listed under an "SU" identifier were derived from survey data by computing average rates and are not union rates; however, the data used in computing these rates may include both union and non-union data. Example: SULA2004-007 5/13/2010. SU indicates the rates are not union majority rates, LA indicates the State of Louisiana; 2004 is the year of the survey; and 007 is an internal number used in producing the wage determination. A 1993 or later date, 5/13/2010, indicates the classifications and rates under that identifier were issued as a General Wage Determination on that date.

Survey wage rates will remain in effect and will not change until a new survey is conducted.

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WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

- \* an existing published wage determination
- \* a survey underlying a wage determination
- \* a Wage and Hour Division letter setting forth a position on a wage determination matter
- \* a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour Regional Office for the area in which the survey was conducted because those Regional Offices have responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations  
Wage and Hour Division  
U.S. Department of Labor  
200 Constitution Avenue, N.W.  
Washington, DC 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator  
U.S. Department of Labor  
200 Constitution Avenue, N.W.  
Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board  
U.S. Department of Labor  
200 Constitution Avenue, N.W.  
Washington, DC 20210

4.) All decisions by the Administrative Review Board are final.

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END OF GENERAL DECISION

**MISSISSIPPI DEPARTMENT OF TRANSPORTATION**

**SPECIAL PROVISION NO. 907-682-10**

**CODE: (SP)**

**DATE: 03/05/2009**

**SUBJECT: Branch Circuit Wire**

**PROJECT: NH-0055-02(236) / 106483301 – Hinds County**

Section 682, Electrical Distribution System, of the 2004 Edition of the Mississippi Standard Specifications for Road and Bridge Construction is hereby amended as follows:

**907-682.01--Description.** After the last paragraph of Subsection 682.01 on page 570, add the following:

Where called for on the plans, some installations (both underground and structure mounted) will require only conductors. Branch circuit wire will consist of disconnecting and removal of existing conductors and grounds, repair or replacement of short sections of conduit, cleaning the conduit, installing, testing and connecting new wire and any additional hardware necessary to complete the work.

**907-682.03--Construction.**

**907-682.03.2--Secondary Distribution.** At the end of Subsection 682.03.2 on page 572, add the following:

Branch circuit wire shall consist of disconnecting and removal of any existing conductors and ground, repair or replacement of conduit, cleaning the existing conduit, installation of new wire of the type and size specified on the plans, and connecting the new wire. All conductors shall be tested in accordance with Subsection 681.02.1. All hardware, tools and materials for a complete and functioning branch circuit install shall be furnished by the Contractor.

**907-682.05--Basis of Payment.** After the last pay item listed in Subsection 682.05 on page 573, add the following:

907-682-A1: Branch Circuit Wire, Size, No. of Conductors - per linear foot



Intersection Improvements at I-55/Lakeland Drive, known as Federal Aid Project No. NH-0055-02(236) / 106483301 in Hinds County.

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
<b>Roadway Items</b>					
0010	201-A001		1	Lump Sum	Clearing and Grubbing
0020	202-B004		316	Square Yard	Removal of Asphalt Paved Shoulders, All Depths
0030	202-B017		1,849	Linear Feet	Removal of Concrete Combination Curb & Gutter
0040	202-B024		47	Square Yard	Removal of Concrete Median & Island Pavement, All Depths
0050	202-B025		152	Square Yard	Removal of Concrete Paved Ditch
0060	202-B039		31	Each	Removal of Delineator, All Types
0070	202-B057		1	Each	Removal of Inlets, All Sizes
0080	202-B059		77	Square Feet	Removal of Legend, All Types
0090	202-B062		1,122	Square Feet	Removal of Overhead Sign Panels
0100	202-B063		1	Each	Removal of Overhead Sign Including Panels, Truss, Supports & Footing
0110	202-B064		81	Linear Feet	Removal of Pipe, 8" And Above
0120	202-B070		12	Each	Removal of Sign Including Post & Footing
0130	202-B076		300	Linear Feet	Removal of Traffic Stripe
0140	202-B097		1,770	Square Yard	Removal of Concrete Overlaid w/ Asphalt Pavement, All Depths
0150	203-A003	(E)	389	Cubic Yard	Unclassified Excavation, FM, AH
0160	203-EX040	(E)	332	Cubic Yard	Borrow Excavation, AH, LVM, Class B9-6
0170	203-G004	(E)	6,234	Cubic Yard	Excess Excavation, LVM, AH
0180	206-A001	(S)	4	Cubic Yard	Structure Excavation
0190	209-A004		6,764	Square Yard	Geotextile Stabilization, Type V, Non-Woven
0200	211-A001		312	Square Yard	Topsoil for Slope Treatment, From Right-of-Way
0210	211-B001	(E)	403	Cubic Yard	Topsoil for Slope Treatment, Contractor Furnished
0220	213-C001		1	Ton	Superphosphate
0230	219-A001		1	Thousand Gallon	Watering [\$20.00]
0240	220-A001		1	Acre	Insect Pest Control [\$30.00]
0250	221-A001	(S)	83	Cubic Yard	Portland Cement Concrete Paved Ditch
0260	223-A001		1	Acre	Mowing [\$50.00]
0270	234-A001		2,200	Linear Feet	Temporary Silt Fence
0280	406-A001		12,610	Square Yard	Cold Milling of Bituminous Pavement, All Depths
0290	423-A001		1	Mile	Rumble Strips, Ground In
0300	503-C007		1,869	Linear Feet	Saw Cut, Full Depth
0310	602-A001	(S)	414	Pounds	Reinforcing Steel
0320	603-CA002	(S)	8	Linear Feet	18" Reinforced Concrete Pipe, Class III

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
0330	604-A001		79	Pounds	Castings
0340	604-B001		250	Pounds	Gratings
0350	609-B001	(S)	14	Linear Feet	Concrete Curb, Header
0360	609-D004	(S)	1,477	Linear Feet	Combination Concrete Curb and Gutter Type 3A Modified
0370	609-D007	(S)	154	Linear Feet	Combination Concrete Curb and Gutter Type 2 Modified
0380	616-A003	(S)	9	Square Yard	Concrete Median and/or Island Pavement, 10-inch
0390	618-A001		1	Lump Sum	Maintenance of Traffic
0400	619-A1001		9,150	Linear Feet	Temporary Traffic Stripe, Continuous White
0410	619-A2001		1,650	Linear Feet	Temporary Traffic Stripe, Continuous Yellow
0420	619-A3001		2,362	Linear Feet	Temporary Traffic Stripe, Skip White
0430	619-A5001		5,264	Linear Feet	Temporary Traffic Stripe, Detail
0440	619-A6001		708	Linear Feet	Temporary Traffic Stripe, Legend
0450	619-A6002		568	Square Feet	Temporary Traffic Stripe, Legend
0460	619-D1001		67	Square Feet	Standard Roadside Construction Signs, Less than 10 Square Feet
0470	619-D2001		326	Square Feet	Standard Roadside Construction Signs, 10 Square Feet or More
0480	619-F1001		1,000	Linear Feet	Concrete Median Barrier, Precast
0490	619-F2001		1,392	Linear Feet	Remove and Reset Concrete Median Barrier, Precast
0500	619-G4001		48	Linear Feet	Barricades, Type III, Single Faced
0510	619-G5001		33	Each	Free Standing Plastic Drums
0520	619-G7001		4	Each	Warning Lights, Type "B"
0530	619-J1003		1	Unit	Impact Attenuator, 60 MPH
0540	620-A001		1	Lump Sum	Mobilization
0550	627-K001		159	Each	Red-Clear Reflective High Performance Raised Markers
0560	630-A001		107	Square Feet	Standard Roadside Signs, Sheet Aluminum, 0.080" Thickness
0570	630-A002		58	Square Feet	Standard Roadside Signs, Sheet Aluminum, 0.125" Thickness
0580	630-B001		30	Square Feet	Interstate Directional Signs, Bolted Extruded Aluminum Panels, Ground Mounted
0590	630-B002		1,894	Square Feet	Interstate Directional Signs, Bolted Extruded Aluminum Panels, Overhead Mounted
0600	630-C003		42	Linear Feet	Steel U-Section Posts, 3.0 lb/ft
0610	630-D003		31	Linear Feet	Structural Steel Beams, W6 x 9
0620	630-E001		23	Pounds	Structural Steel Angles & Bars, 3" x 3" x 1/4" Angles
0630	630-G002		5	Each	Type 3 Object Markers, OM-3R or OM-3L, Post Mounted
0640	630-K001		86	Linear Feet	Welded & Seamless Steel Pipe Posts, 3"
0650	640-A016		13	Each	Traffic Signal Heads, Type 1 LED
0660	640-A017		7	Each	Traffic Signal Heads, Type 2 LED
0670	640-A018		2	Each	Traffic Signal Heads, Type 3 LED

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
0680	642-A008		1	Each	Solid State Traffic Actuated Controllers, Type 8A
0690	644-A001		3	Each	Optical Detector
0700	644-B001		194	Linear Feet	Optical Detector Cable
0710	646-A001		1	Lump Sum	Removal of Existing Traffic Signal Equipment
0720	647-A002		1	Each	Pullbox, Type 3
0730	647-A003		2	Each	Pullbox, Type 4
0740	647-A005		1	Each	Pullbox, Type 2
0750	666-B038		251	Linear Feet	Electric Cable, Underground in Conduit, THHN, AWG #4, 3 Conductor
0760	666-B054		194	Linear Feet	Electric Cable, Underground in Conduit, IMSA 20-1, AWG 14, 8 Conductor
0770	666-C005		530	Linear Feet	Electric Cable, Aerial Supported, IMSA 20-1, AWG 14, 4 Conductor
0780	668-A018		100	Linear Feet	Traffic Signal Conduit, Underground, Type 4, 2"
0790	668-A020		18	Linear Feet	Traffic Signal Conduit, Underground, Type 4, 3"
0800	668-A026		150	Linear Feet	Traffic Signal Conduit, Underground, Rolled Pipe, 3"
0810	668-A029		450	Linear Feet	Traffic Signal Conduit, Underground, Rolled Pipe, 2"
0820	907-216-A001		1,818	Square Yard	Solid Sodding
0830	907-225-A001		1	Acre	Grassing
0840	907-225-B001		3	Ton	Agricultural Limestone
0850	907-225-C001		2	Ton	Mulch, Vegetative Mulch
0860	907-226-A001		1	Acre	Temporary Grassing
0870	907-234-D001		3	Each	Inlet Siltation Guard
0880	907-237-A002		150	Linear Feet	Wattles, 12"
0890	907-237-A003		168	Linear Feet	Wattles, 20"
0900	907-245-A001		168	Linear Feet	Triangular Silt Dike
0910	907-246-A001		168	Linear Feet	Sandbags
0920	907-249-A001		24	Ton	Riprap for Erosion Control
0930	907-304-A010	(GY )	831	Cubic Yard	Granular Material, LVM, Class 5, Group E
0940	907-407-A001	(A2 )	1,168	Gallon	Asphalt for Tack Coat
0950	907-601-B003	(S )	4	Cubic Yard	Class "B" Structural Concrete, Minor Structures
0960	907-619-E3001		2	Each	Changeable Message Sign
0970	907-619-J3001		3	Each	Remove and Reset Impact Attenuator
0980	907-622-A001		1	Each	Engineer's Field Office Building, Type 2
0990	907-626-A006		4,903	Linear Feet	6" Thermoplastic Double Drop Traffic Stripe, Skip White
1000	907-626-B005		2,558	Linear Feet	6" Thermoplastic Double Drop Traffic Stripe, Continuous White
1010	907-626-C007		2,942	Linear Feet	6" Thermoplastic Double Drop Edge Stripe, Continuous White
1020	907-626-F005		1,841	Linear Feet	6" Thermoplastic Double Drop Edge Stripe, Continuous Yellow

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
1030	907-626-G006		4,389	Linear Feet	Thermoplastic Double Drop Detail Stripe, White
1040	907-626-G007		2,033	Linear Feet	Thermoplastic Double Drop Detail Stripe, Yellow
1050	907-626-H009		624	Linear Feet	Thermoplastic Double Drop Legend, White
1060	907-626-H010		471	Square Feet	Thermoplastic Double Drop Legend, White
1070	907-630-I005		1	Lump Sum	Metal Overhead Sign Supports, Assembly No. 5, Contractor Designed
1080	907-630-I006		1	Lump Sum	Metal Overhead Sign Supports, Assembly No. 6, Contractor Designed
1090	907-630-I007		1	Lump Sum	Metal Overhead Sign Supports, Assembly No. 7, Contractor Designed
1100	907-630-O002		3	Each	Remove and Reset Sign Assembly
1110	907-630-PP019		3	Each	Install Patch on Sign, Overhead Mounted, Per Plans
1120	907-637-A001		1	Each	Equipment Cabinet, Type B
1130	907-639-A001		3	Each	Traffic Signal Equipment Pole, Type 1, Wood
1140	907-639-A031		1	Each	Traffic Signal Equipment Pole, Type IV, 30' Shaft, 70' Arm
1150	907-639-A050		1	Each	Traffic Signal Equipment Pole, Type IV, 30' Shaft, 65' & 55' Arms
1160	907-639-C002		8	Cubic Yard	Pole Foundations, 36" Diameter
1170	907-639-D001		1	Linear Feet	Slip Casing, 36" Diameter
1180	907-641-C001		8	Each	Signal Radar Detection System
1190	907-644-C002		1	Each	Phase Selector, 4 Channel
1200	907-654-A001		1	Each	Battery Back-up System
1210	907-657-A001				Deleted 01/21/2014
1220	907-657-A005				Deleted 01/21/2014
1230	907-657-B002		137	Linear Feet	Fiber Optic Drop Cable, 12 MM
					Changed 01/21/2014
1240	907-658-A005		1	Each	Network Switch, Type A
1241	907-657-E001		230	Linear Feet	Replace Fiber Optic Cable
					Added 01/21/2014
1242	907-682-A1004		750	Linear Feet	Branch Circuit Wire, AWG #2, 3 Conductor
					Added 01/21/2014
1243	907-682-A1007		550	Linear Feet	Branch Circuit Wire, AWG #4, 3 Conductor
					Added 01/21/2014
1250	907-699-A002		1	Lump Sum	Roadway Construction Stakes
					<b>ALTERNATE GROUP AA NUMBER 1</b>
1260	907-304-F002	(GT )	2,068	Ton	Size 610 Crushed Stone Base
					<b>ALTERNATE GROUP AA NUMBER 2</b>

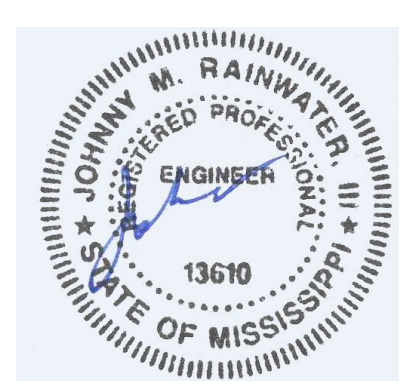
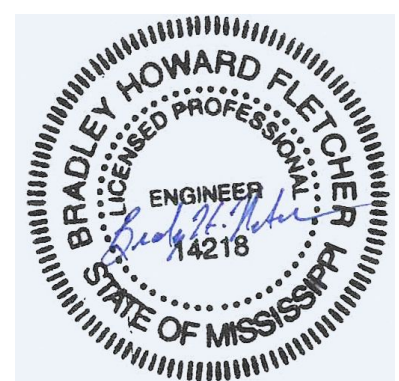
Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
1270	907-304-F003	(GT )	2,068	Ton	3/4" and Down Crushed Stone Base <b>ALTERNATE GROUP AA NUMBER 3</b>
1280	907-304-F004	(GT )	2,068	Ton	Size 825B Crushed Stone Base <b>ALTERNATE GROUP BB NUMBER 1</b>
1290	907-403-A001	(BA1 )	443	Ton	Hot Mix Asphalt, HT, 12.5-mm mixture <b>ALTERNATE GROUP BB NUMBER 2</b>
1300	907-403-M010	(BA1 )	443	Ton	Warm Mix Asphalt, HT, 12.5-mm mixture <b>ALTERNATE GROUP CC NUMBER 1</b>
1310	907-403-A002	(BA1 )	627	Ton	Hot Mix Asphalt, HT, 19-mm mixture <b>ALTERNATE GROUP CC NUMBER 2</b>
1320	907-403-M011	(BA1 )	627	Ton	Warm Mix Asphalt, HT, 19-mm mixture <b>ALTERNATE GROUP DD NUMBER 1</b>
1330	907-403-A012	(BA1 )	724	Ton	Hot Mix Asphalt, ST, 19-mm mixture <b>ALTERNATE GROUP DD NUMBER 2</b>
1340	907-403-M004	(BA1 )	724	Ton	Warm Mix Asphalt, ST, 19-mm mixture <b>ALTERNATE GROUP EE NUMBER 1</b>
1350	907-403-D001	(BA1 )	443	Ton	Hot Mix Asphalt, HT, 12.5-mm mixture, Polymer Modified <b>ALTERNATE GROUP EE NUMBER 2</b>
1360	907-403-P002	(BA1 )	443	Ton	Warm Mix Asphalt, HT, 12.5-mm mixture, Polymer Modified <b>ALTERNATE GROUP FF NUMBER 1</b>
1370	907-403-D004	(BA1 )	1,300	Ton	Hot Mix Asphalt, HT, 9.5-mm mixture, Polymer Modified <b>ALTERNATE GROUP FF NUMBER 2</b>
1380	907-403-P001	(BA1 )	1,300	Ton	Warm Mix Asphalt, HT, 9.5-mm mixture, Polymer Modified

**ADDENDUM**

STATE	PROJECT NO.
MISS.	NH-0055-02(236)

DESCRIPTION OF SHEET	WKG. NO.	SH. NO.	DESCRIPTION OF SHEET	REVISION DATE	WKG. NO.	SH. NO.
TITLE SHEET ( 1 )		1	PERMANENT PAVEMENT MARKING SHEETS (7)			
<u>DETAILED INDEX AND GENERAL NOTES SHEETS (5)</u>						
DETAILED INDEX - ROADWAY	DI-1	2	PAVEMENT MARKING - I-55 EXIT RAMP		PMD-1	31
DETAILED INDEX - ROADWAY	DI-2	3	PAVEMENT MARKING - I-55 EXIT RAMP		PMD-2	32
GENERAL NOTES	GN-1	4	PAVEMENT MARKING - LAKELAND DRIVE		PMD-3	33
GENERAL NOTES (CONTINUED)	GN-2	5	PAVEMENT MARKING - LAKELAND DRIVE		PMD-4	34
GENERAL NOTES (CONTINUED)(TRAFFIC & ITS)	GN-3	6	PAVEMENT MARKING - LAKELAND DRIVE		PMD-5	35
			PAVEMENT MARKING - I-55		PMD-6	36
			PAVEMENT MARKING - I-55		PMD-7	37
<u>TYPICAL SECTION SHEETS (5)</u>			<u>CONSTRUCTION SIGNING PLAN (1)</u>			
TYPICAL SECTION - LAKELAND DRIVE WIDEN & OVERLAY	TS-1	7	DETAIL CONSTRUCTION SIGNING		DCS-1	38
TYPICAL SECTION - LAKELAND DRIVE WIDEN & OVERLAY	TS-2	8				
TYPICAL SECTION - RAMP WIDEN & OVERLAY	TS-3	9				
TYPICAL SECTION - RAMP WIDEN & OVERLAY	TS-4	10	<u>TRAFFIC CONTROL PLANS (4)</u>			
TYPICAL SECTION - I-55 (NORTHBOUND) WIDEN & OVERLAY	TS-5	11	I-55 EXIT RAMP PHASE 1A		TC-1	39
			I-55 EXIT RAMP PHASE 1B		TC-2	40
			LAKELAND DRIVE PHASE 2		TC-3	41
			LAKELAND DRIVE PHASE 3 & 4		TC-4	42
<u>SUMMARY OF QUANTITIES (4)</u>			<u>EROSION CONTROL PLANS (28)</u>			
SUMMARY OF QUANTITIES	SQ-1	12	TYPICAL TEMPORARY EROSION/SILT SEDIMENT CONTROL APPLICATION		ECD-1	43
SUMMARY OF QUANTITIES	SQ-2	13	DETAILS OF SEDIMENT BARRIER APPLICATIONS		ECD-2	44
SUMMARY OF QUANTITIES	SQ-3	14	DETAILS OF SILT FENCE INSTALLATION		ECD-3	45
SUMMARY OF QUANTITIES	SQ-4	15	DITCH CHECK STRUCTURES, TYPICAL APPLICATIONS AND DETAILS		ECD-4	46
			TEMP. EROSION: SILT FENCE AND HAY BALE DITCH CHECKS		ECD-5	47
			DETAILS OF EROSION CONTROL WATTLE DITCH CHECKS		ECD-6	48
			DETAILS OF EROSION CONTROL SILT DIKE DITCH CHECK		ECD-7	49
			ROCK DITCH CHECK		ECD-8	50
			ROCK DITCH CHECK WITH SUMP EXCAVATION		ECD-9	51
			INLET PROTECTION TYPICAL APPLICATIONS AND DETAILS		ECD-10	52
			INLET PROTECTION DETAILS FOR COURSE AGGREGATE ON GRADES & SAGS		ECD-11	53
			INLET PROTECTION DETAILS OF WATTLES		ECD-12	54
			INLET PROTECTION DETAILS OF MANUFACTURED INLET PROTECTION DEVICE		ECD-13	55
			INLET PROTECTION DETAILS OF SAND BAGS		ECD-14	56
			STABILIZED CONSTRUCTION ENTRANCE		ECD-15	57
			TEMPORARY CULVERT STREAM CROSSING		ECD-16	58
			TEMPORARY STREAM DIVERSION		ECD-17	59
			TEMPORARY STREAM DIVERSION (BOX EXTENSIONS)		ECD-18	60
			FLOATING TURBIDITY CURTAIN		ECD-19	61
			DETAILS OF EROSION CONTROL SANDBAG DITCH CHECK		ECD-20	62
			LAKELAND DRIVE - STA. 32+80 TO STA. 43+81.182/10+00		ECP3	63
			I-55 EXIT RAMP - STA. 20+00 TO STA. 26+00		ECP3A	64
			I-55 EXIT RAMP - STA. 26+00 TO STA. 28+48.863		ECP3B	65
			LAKELAND DRIVE - STA. 43+81.182/10+00 TO STA. 16+00		ECP4	66
			LAKELAND DRIVE - STA. 16+00 TO STA. 20+22.847		ECP5	67
			I-55 EXIT LOOP - STA. 10+00 TO STA. 16+00		ECP6	68
			I-55 EXIT LOOP - STA. 16+00 TO STA. 19+02.361		ECP7	69
			I-55 (NORTHBND) - STA. 230+00 TO STA. 235+00		ECP8	70
<u>ESTIMATED QUANTITIES (4)</u>						
ESTIMATED QUANTITIES	EQ-1	16				
ESTIMATED QUANTITIES	EQ-2	17				
ESTIMATED QUANTITIES	EQ-3	18				
ESTIMATED QUANTITIES	TCP-Q	19				
<u>PLAN &amp; PROFILE SHEETS (8)</u>						
LAKELAND DRIVE - STA. 32+80 TO STA. 43+81.182/10+00	3	20				
I-55 EXIT RAMP - STA. 20+00 TO STA. 26+00	3A	21				
I-55 EXIT RAMP - STA. 26+00 TO STA. 28+48.863	3B	22				
LAKELAND DRIVE - STA. 43+81.182/10+00 TO STA. 16+00	4	23				
LAKELAND DRIVE - STA. 16+00 TO STA. 20+22.847	5	24				
I-55 EXIT LOOP - STA. 10+00 TO STA. 16+00	6	25				
I-55 EXIT LOOP - STA. 16+00 TO STA. 19+02.361	7	26				
I-55 (NORTH BOUND) - STA. 230+00 TO STA. 235+00	8	27				
<u>INTERSECTION DETAIL SHEETS (3)</u>						
INTERSECTION DETAIL	ID-1	28				
INTERSECTION DETAIL	ID-2	29				
INTERSECTION DETAIL	ID-3	30				

1/15/2014 1:54:07:40 DI-1.DGN



PS & E PLANS - 11/18/2013		
FMS CON. # 106483 / 301000		
REVISIONS		
DATE	SHEET NO.	BY
12/17/13	14, 16, 31, 32, 33, & 35	DJW
01/15/14	6, 15, 2001, 2002, 2003	SBJ

MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
<b>DETAILED INDEX</b>	
I-55/LAKELAND DRIVE	
INTERSECTION IMPROVEMENTS	
PROJECT NO. NH-0055-02(236)	
COUNTY : HINDS	
WORKING NUMBER	DI-1
FILENAME: DI-1.DGN	SHEET NUMBER
DESIGN TEAM STANTEC	2




**ADDENDUM**

**TRAFFIC & ITS GENERAL NOTES**

STATE	PROJECT NO.
MISS.	NH-0055-02(236)

- 1) PAYMENT FOR FIBER OPTIC CABLE, POWER CABLE AND CONDUIT SHALL BE BASED ON HORIZONTAL MEASUREMENTS, WITH NO ADDITIONAL PAYMENT FOR ANY VERTICAL RUNS OR SLACK IN PULLBOXES.
- △ 2) ALL FIBER OPTIC PULLBOXES SHALL BE EITHER TYPE 4 OR TYPE 5 AS NOTED ON THE PLANS. EACH BELOW GROUND PULLBOX SHALL INCLUDE ADDITIONAL FIBER CABLE SLACK (SEE SPEC. PROVISION 907-657-X FOR DETAILS). THE ADDITIONAL CABLE WILL BE COST ABSORBED UNDER PAY ITEM NO. 907-657-E001.
- 3) CONDUIT FOR POWER SUPPLY MAY BE RUN IN THE SAME TRENCH LINE AS FIBER CONDUIT, THOUGH SEPARATE ELECTRICAL PULLBOXES ARE TO BE INSTALLED.
- 4) ALL CONDUITS TO BE SEALED WITH DUCT PLUG TO PREVENT WATER INTRUSTION ONCE CABLE IS INSTALLED. COST TO BE ABSORBED UNDER PAY ITEM NOS. 668-A OR 668-B.
- △ 5) ALL FIBER SPLICES REQUIRED TO CONNECT TRUNK AND DROP CABLE TO NEW AND EXISTING EQUIPMENT SHALL NOT BE A SEPARATE PAY ITEM, BUT SHALL BE ABSORBED ITEM NO. 907-657-E001.
- 6) FIBER OPTIC UNDERGROUND JACKED CONDUIT SHALL BE INSTALLED AT A MINIMUM DEPTH OF FIVE FEET. FIBER OPTIC UNDERGROUND TRENCHED CONDUIT SHALL BE INSTALLED AT A MINIMUM DEPTH OF THREE FEET UNLESS OTHERWISE DIRECTED BY THE ENGINEER. CONDUIT FOR FIBER OPTIC CABLE REQUIRED TO UTILIZE LARGE RADIUS BENDS (MINIMUM RADIUS 6"). NO ELBOW JOINTS ALLOWED.
- 7) THE CONTRACTOR MAY DRILL OR JACK A SINGLE SLEEVE FOR INSTALLATION OF MULTIPLE CONDUITS AT BORED CROSSINGS, RATHER THAN DRILLING OR JACKING INDIVIDUAL CONDUITS. THE INSTALLATION OF THE SLEEVE AND THE CONDUITS SHALL BE PAID FOR AT THE BID PRICE FOR UNDERGROUND CONDUIT BANK (907-668-F DRILLED OR JACKED) BASED ON THE NUMBER OF CONDUITS IN THE BANK (SHOWN ON THE PLANS). NO ADDITIONAL COMPENSATION WILL BE GIVEN FOR THE LARGER SLEEVE. CONTRACTOR SHALL SUBMIT SIZE AND MATERIAL DATA OF THE SLEEVE TO THE ENGINEER FOR APPROVAL PRIOR TO INSTALLATION.
- △ 8) A TRACER (AWG #10 THHN GREEN) WIRE SHALL BE INSTALLED IN CONDUIT THAT CARRIES ONLY FIBER OPTIC CABLE ABSORBED UNDER PAY ITEM NO. 907-657-E001.
- 9) THE CONTRACTOR IS TO REMOVE AND RESET ANY SIGNS WHICH CONFLICT WITH CONSTRUCTION ABSORBED UNDER PAY ITEM NO. 618-A001.
- 10) MAINLINE FIBER CONDUITS (AS INDICATED ON THE PLANS) SHALL INCLUDE A PULL STRING.
- 11) ALL EQUIPMENT SUBMITTALS SHALL BE IN ACCORDANCE WITH SECTION 634.02.2 OF THE MISSISSIPPI STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION.
- 12) THE LOCATION AND SPACING OF SIGNS, SHOWN ON THE TRAFFIC CONTROL PLANS, ARE APPROXIMATE AND MAY BE ADJUSTED AS NECESSARY TO FIT THE FIELD CONDITIONS.
- 13) ROADWAY SIGNS THAT ARE IN CONFLICT WITH CONSTRUCTION OF THIS PROJECT SHALL BE REMOVED AND RELOCATED BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER. THE COST OF WHICH IS TO BE ABSORBED ON OTHER ITEMS BID.
- 14) ALL POSTS LENGTHS FOR SIGNS SHALL BE VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO FABRICATION.
- 15) ERECTION DATES ARE TO BE LEGIBLY WRITTEN ON THE BACK OF ALL SIGNS WITH A SANFORD MEANSTREAK WATERPROOF FORMULA MARKING STICK.
- 16) THE REMOVAL OF EXISTING RAISED PAVEMENT MARKERS IS NOT A SEPARATE PAY ITEM.
- 17) THE CONTRACTOR IS RESPONSIBLE FOR THE REMOVAL AND TRANSPORT (AS INDICATED IN PLANS) OF ALL EXISTING SIGNS, FLASHERS, SIGNALS, POLES, SUPPORTS, CABLES, WIRES, HARDWARE, ETC. UNDER PAY ITEM NO. 646-A001 (LUMP SUM). SALVAGED MATERIALS SHALL BE DELIEVERED TO THE WHITFIELD MAINTENANCE OFFICE LOCATED AT 3769 HIGHWAY 468, PEARL, MS. MDOT MUST BE GIVEN 24 HOUR NOTIFICATION PRIOR TO DELIVERY.
- 18) MISSISSIPPI STANDARDS SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, ENGLISH 2004 EDITION. PUBLISHED BY MDOT SHALL GOVERN THIS PROJECT UNLESS OTHERWISE NOTED BY SPECIAL PROVISIONS, NOTICE TO BIDDERS, OR PLAN NOTES.
- 19) TRAFFIC CONTROLLER CABINETS SHALL BE PROVIDED WITH TWO COMPARTMENTS AND LAPTOP SHELF. THESE ITEMS SHALL BE PART OF PAY ITEM 907-642-A.
- 20) POWER SUPPLY METER AND DISCONNECT SHALL NOT BE MOUNTED ON TRAFFIC CONTROLLER CABINETS OR TRAFFIC SIGNAL POLES.
- 21) ALL ABOVE GROUND CONDUIT SHALL BE TYPE 1 RIGID METAL. PVC SHALL NOT BE ALLOWED ABOVE GROUND.
- 22) CONTRACTOR TO FIELD VERIFY RADAR SITE LOCATION AND ORIENTATION FOR COMPLETE COVERAGE OF DETECTION ZONES PRIOR TO INSTALLING RADARS. TO BE APPROVED BY THE ENGINEER.
- 23) CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ANY REMOVED SIGNS THAT WILL BE REUSED FOR THE PERMANENT SIGNING PLAN. ANY SIGNS THAT ARE DAMAGED DURING PRIOR TO FINAL INSTALLATION SHALL BE REPLACED IN KIND AT THE EXPENSE OF THE CONTRACTOR.
- 24) TRAFFIC SIGNAL OPERATION MUST BE FULLY MAINTAINED AT ALL TIMES.

1/15/2014 1:53:30:1.4 GN-1.DGN MISSISSIPPI DEPARTMENT OF TRANSPORTATION


	
MISSISSIPPI DEPARTMENT OF TRANSPORTATION <b>TRAFFIC AND ITS GENERAL NOTES</b>	
<b>I-55/LAKELAND DRIVE                  INTERSECTION IMPROVEMENTS</b>	
PROJ. NO. NH-0055-02(236) COUNTY: HINDS	
FILENAME: GN-1.DGN	
DESIGN TEAM STANTEC CHECKED DATE	
WORKING NUMBER <b>GN-3</b>	SHEET NUMBER <b>6</b>

**SUMMARY OF QUANTITIES (SHEET 4)**

PAY ITEM NO.	PAY ITEM	UNIT	PRELIMINARY	FINAL
907-637-A001	EQUIPMENT CABINET, TYPE B	EA	1	
907-639-A001	TRAFFIC SIGNAL EQUIPMENT POLE, TYPE 1, WOOD	EA	3	
907-639-A031	TRAFFIC SIGNAL EQUIPMENT POLE, TYPE IV, 30' SHAFT, 70' ARM	EA	1	
907-639-A050	TRAFFIC SIGNAL EQUIPMENT POLE, TYPE IV, 30' SHAFT, 65' & 55' ARMS	EA	1	
907-639-C002	POLE FOUNDATIONS, 36" DIAMETER	CY	8	
907-639-D001	SLIP CASING, 36" DIAMETER	LF	1	
640-A016	TRAFFIC SIGNAL HEADS, TYPE 1 LED	EA	13	
640-A017	TRAFFIC SIGNAL HEADS, TYPE 2 LED	EA	7	
640-A018	TRAFFIC SIGNAL HEADS, TYPE 3 LED	EA	2	
907-641-C001	SIGNAL RADAR DETECTION SYSTEM	EA	8	
642-A008	SOLID STATE TRAFFIC ACTUATED CONTROLLERS, TYPE 8A	EA	1	
644-A001	OPTICAL DETECTOR	EA	3	
644-B001	OPTICAL DETECTOR CABLE	LF	194	
907-644-C002	PHASE SELECTOR, 4 CHANNEL	EA	1	
646-A001	REMOVAL OF EXISTING TRAFFIC SIGNAL EQUIPMENT	LS	100%	
647-A002	PULLBOX, TYPE 3	EA	1	
647-A003	PULLBOX, TYPE 4	EA	2	
647-A005	PULLBOX, TYPE 2	EA	1	
907-654-A001	BATTERY BACK-UP SYSTEM	EA	1	
907-657-B002	FIBER OPTIC DROP CABLE, 12 MM	LF	137	
907-657-E001	REPLACE FIBER OPTIC CABLE	LF	230	
907-658-A005	NETWORK SWITCH, TYPE A	EA	1	
666-B038	ELECTRIC CABLE, UNDERGROUND IN CONDUIT, THHN, AWG #4, 3 CONDUCTOR	LF	251	
666-B054	ELECTRIC CABLE, UNDERGROUND IN CONDUIT, IM SA 20-1, AWG 14, 8 CONDUCTOR	LF	194	
666-C005	ELECTRIC CABLE, AERIAL SUPPORTED, IM SA 20-1, AWG 14, 4 CONDUCTOR	LF	530	
668-A018	TRAFFIC SIGNAL CONDUIT, UNDERGROUND, TYPE 4, 2"	LF	100	
668-A020	TRAFFIC SIGNAL CONDUIT, UNDERGROUND, TYPE 4, 3"	LF	18	
668-A026	TRAFFIC SIGNAL CONDUIT, UNDERGROUND, ROLLED PIPE, 3"	LF	150	
668-A029	TRAFFIC SIGNAL CONDUIT, UNDERGROUND, ROLLED PIPE, 2"	LF	450	
907-682-A1004	BRANCH CIRCUIT WIRE, AWG #2, 3 CONDUCTOR	LF	750	
907-682-A1007	BRANCH CIRCUIT WIRE, AWG #4, 3 CONDUCTOR	LF	550	
907-699-A002	ROADWAY CONSTRUCTION STAKES	LS	100%	

- ① TRAFFIC SIGNAL POLES SHALL BE HOT DIPPED GALVANIZED AND POWDER COATED FLAT BRONZE.
- ② ALL NEW TRAFFIC SIGNAL HEADS, VISORS, BACKPLATES SHALL BE BLACK IN COLOR.
- ③ INCLUDES ALL EQUIPMENT NECESSARY FOR A COMPLETE AND OPERABLE UNIT.
- ④ MEASUREMENT INCLUDES ONLY HORIZONTAL RUNS CALLED OUT IN THE PLANS. ITEMS WILL BE MEASURED BY THE LINEAR FOOT, COMPUTED HORIZONTALLY ALONG THE CONDUIT OR CABLE. NO EXTRA LENGTH WILL BE ALLOWED FOR VERTICAL MEASURE OF ANY KIND (VERTICAL RUNS SHALL BE COST ABSORBED).
- ⑤ EXPOSED FOUNDATION SHALL NOT EXTEND MORE THAN 6" ABOVE FINISHED GRADE.
- ⑥ CLASS "B" CONCRETE AND TREMIE SHALL BE USED FOR ALL POLE FOUNDATIONS. SLIP CASING SHALL BE USED AS DIRECTED BY THE ENGINEER.
- ⑦ TO BE INSTALLED IN SIZE P CABINET WITH INTEGRATED UPS COMPARTMENT, (TWO COMPARTMENT CABINET) NOMINAL OVERALL SIZE OF CABINET SHALL BE 58"X29"X57". SHELF WITH DRAWER MUST BE PROVIDED.
- ⑧ THE FOLLOWING ITEMS SHALL BE COST ABSORBED IN PAY ITEM 907-657-B002: FIBER SPLICE, FIBER SPLICE CLOSURE, SPLICE TERMINATION, FIBER FAN OUT KIT, FIBER PATCH PANEL AND FIBER PATCH CORDS.
- ⑨ ALL UPS UNITS SHALL BE CAPABLE OF OPERATING ALL TRAFFIC SIGNAL EQUIPMENT FOR A MINIMUM OF 4 HOURS.
- ⑩ POWER CABLE FOR TRAFFIC SIGNAL. CABLE, CONDUIT, ETC. SHALL BE PAID FOR IN PAY ITEMS NO. 666-B038 AND 668-A029. DISREGARD ANY OTHER CONTRADICTIONARY STATEMENTS. METER BASE, DISCONNECT AND TIMBER POLES, IF REQ'D SHALL BE COST ABSORBED IN OTHER ITEMS. POW. WHEN INSTALLED FOR TEMPORARY SIGNAL, WILL BE USED FOR PERMANENT SIGNAL. ANY COSTS INCLUDING FEES OR OWNERSHIP CHANGING ENTITIES, SHALL BE COST ABSORBED.
- ⑪ POLE MOUNTED EQUIPMENT CABINET TO BE USED FOR TEMPORARY TRAFFIC SIGNAL. RECONFIGURATION AND RELOCATION OF M50 SERIES CONTROLLER IN EXISTING CABINET SHALL BE PAID FOR IN PAY ITEM 907-637-A001.
- ⑫ TO BE USED AS DIRECTED BY THE ENGINEER.
- ⑬ SHALL INCLUDE RELOCATION OF THE EXISTING FIBER OPTIC CABLE SHOWN ON SHEET TSI-1. EQUIVALENT FIBER OPTIC CABLE TO BE APPROVED BY MDOT.

REMOVED AND ADDED PAY ITEMS, ADDED FOOTNOTES, CHANGED QUANTITY	DATE	BY	MISSISSIPPI DEPARTMENT OF TRANSPORTATION <b>SUMMARY OF QUANTITIES</b>
01/15/14			<b>I-55/LAKELAND DRIVE INTERSECTION IMPROVEMENTS</b>
			PROJ. NO. NH-0055-02(236)
			COUNTY: HINDS
			FILENAME: SQ-1.DGN
			DESIGN TEAM STANTEC CHECKED DATE



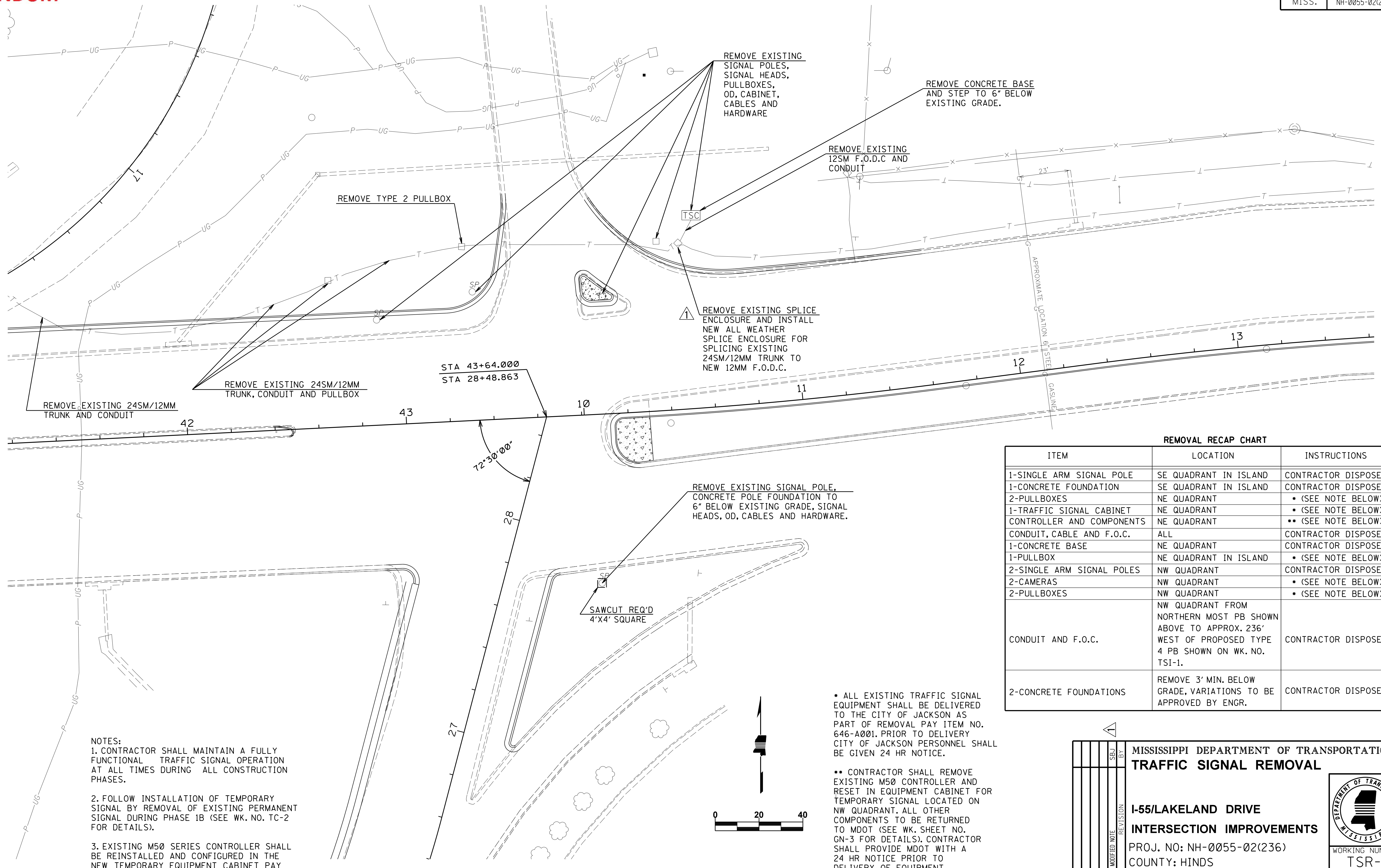
WORKING NUMBER  
**SQ-4**

SHEET NUMBER  
**15**

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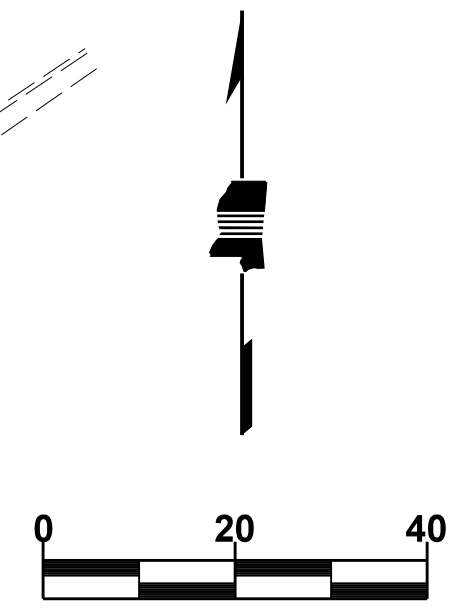
# ADDENDUM



- NOTES:**
1. CONTRACTOR SHALL MAINTAIN A FULLY FUNCTIONAL TRAFFIC SIGNAL OPERATION AT ALL TIMES DURING ALL CONSTRUCTION PHASES.
  2. FOLLOW INSTALLATION OF TEMPORARY SIGNAL BY REMOVAL OF EXISTING PERMANENT SIGNAL DURING PHASE 1B (SEE WK. NO. TC-2 FOR DETAILS).
  3. EXISTING M50 SERIES CONTROLLER SHALL BE REINSTALLED AND CONFIGURED IN THE NEW TEMPORARY EQUIPMENT CABINET PAY ITEM NO: 907-637-A001.

ITEM	LOCATION	INSTRUCTIONS
1-SINGLE ARM SIGNAL POLE	SE QUADRANT IN ISLAND	CONTRACTOR DISPOSE
1-CONCRETE FOUNDATION	SE QUADRANT IN ISLAND	CONTRACTOR DISPOSE
2-PULLBOXES	NE QUADRANT	• (SEE NOTE BELOW)
1-TRAFFIC SIGNAL CABINET CONTROLLER AND COMPONENTS	NE QUADRANT	•• (SEE NOTE BELOW)
CONDUIT, CABLE AND F.O.C.	ALL	CONTRACTOR DISPOSE
1-CONCRETE BASE	NE QUADRANT	CONTRACTOR DISPOSE
1-PULLBOX	NE QUADRANT IN ISLAND	• (SEE NOTE BELOW)
2-SINGLE ARM SIGNAL POLES	NW QUADRANT	CONTRACTOR DISPOSE
2-CAMERAS	NW QUADRANT	• (SEE NOTE BELOW)
2-PULLBOXES	NW QUADRANT	• (SEE NOTE BELOW)
CONDUIT AND F.O.C.	NW QUADRANT FROM NORTHERN MOST PB SHOWN ABOVE TO APPROX. 236' WEST OF PROPOSED TYPE 4 PB SHOWN ON WK. NO. TSI-1.	CONTRACTOR DISPOSE
2-CONCRETE FOUNDATIONS	REMOVE 3' MIN. BELOW GRADE, VARIATIONS TO BE APPROVED BY ENGR.	CONTRACTOR DISPOSE

- ALL EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE DELIVERED TO THE CITY OF JACKSON AS PART OF REMOVAL PAY ITEM NO. 646-A001. PRIOR TO DELIVERY CITY OF JACKSON PERSONNEL SHALL BE GIVEN 24 HR NOTICE.
- CONTRACTOR SHALL REMOVE EXISTING M50 CONTROLLER AND RESET IN EQUIPMENT CABINET FOR TEMPORARY SIGNAL LOCATED ON NW QUADRANT. ALL OTHER COMPONENTS TO BE RETURNED TO MDOT (SEE WK. SHEET NO. GN-3 FOR DETAILS). CONTRACTOR SHALL PROVIDE MDOT WITH A 24 HR NOTICE PRIOR TO DELIVERY OF EQUIPMENT.

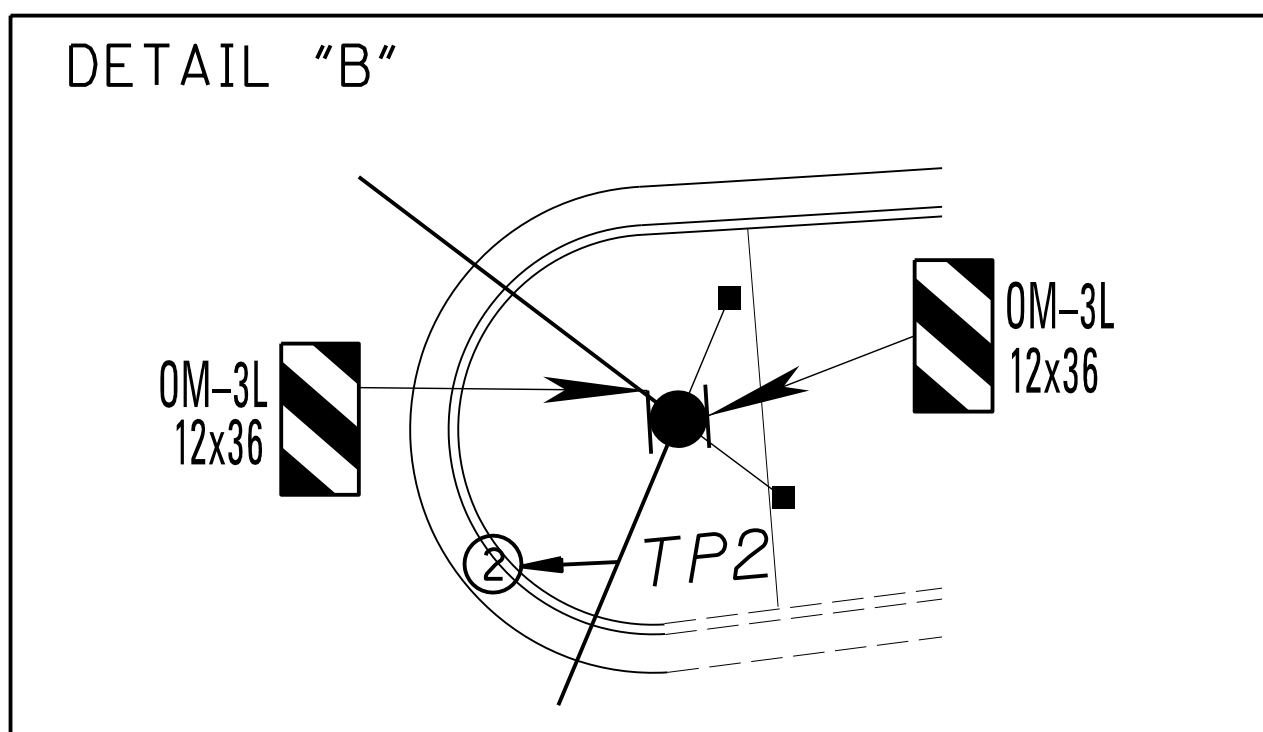
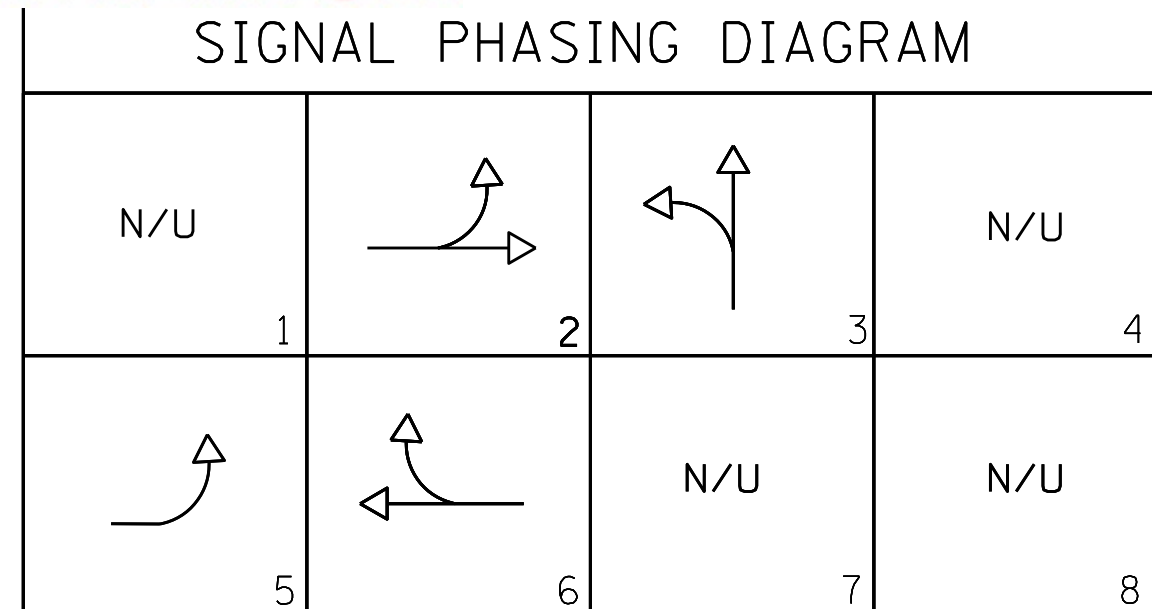


1/15/2014 1:41:37:02 TSR-1.DGN

MISSISSIPPI DEPARTMENT OF TRANSPORTATION		
TRAFFIC SIGNAL REMOVAL		
I-55/LAKELAND DRIVE		WORKING NUMBER
INTERSECTION IMPROVEMENTS		TSR-1
PROJ. NO: NH-0055-02(236)		SHEET NUMBER
COUNTY: HINDS		2001
01/15/14	DATE	FILENAME: TSR-1.DGN
DESIGN TEAM	STANTEC	CHECKED
		DATE

**ADDENDUM**

STATE	PROJECT NO.
MISS.	NH-0055-02(236)

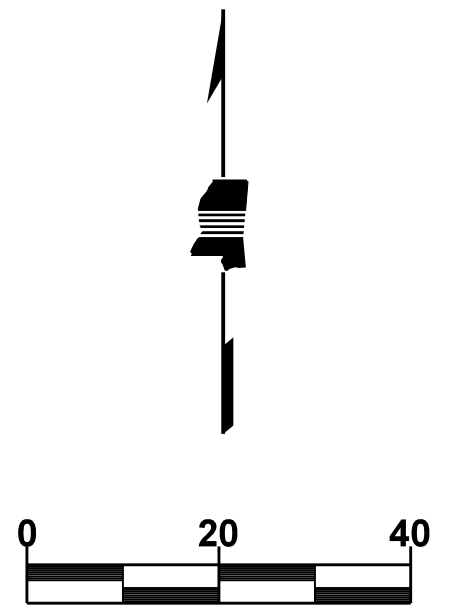
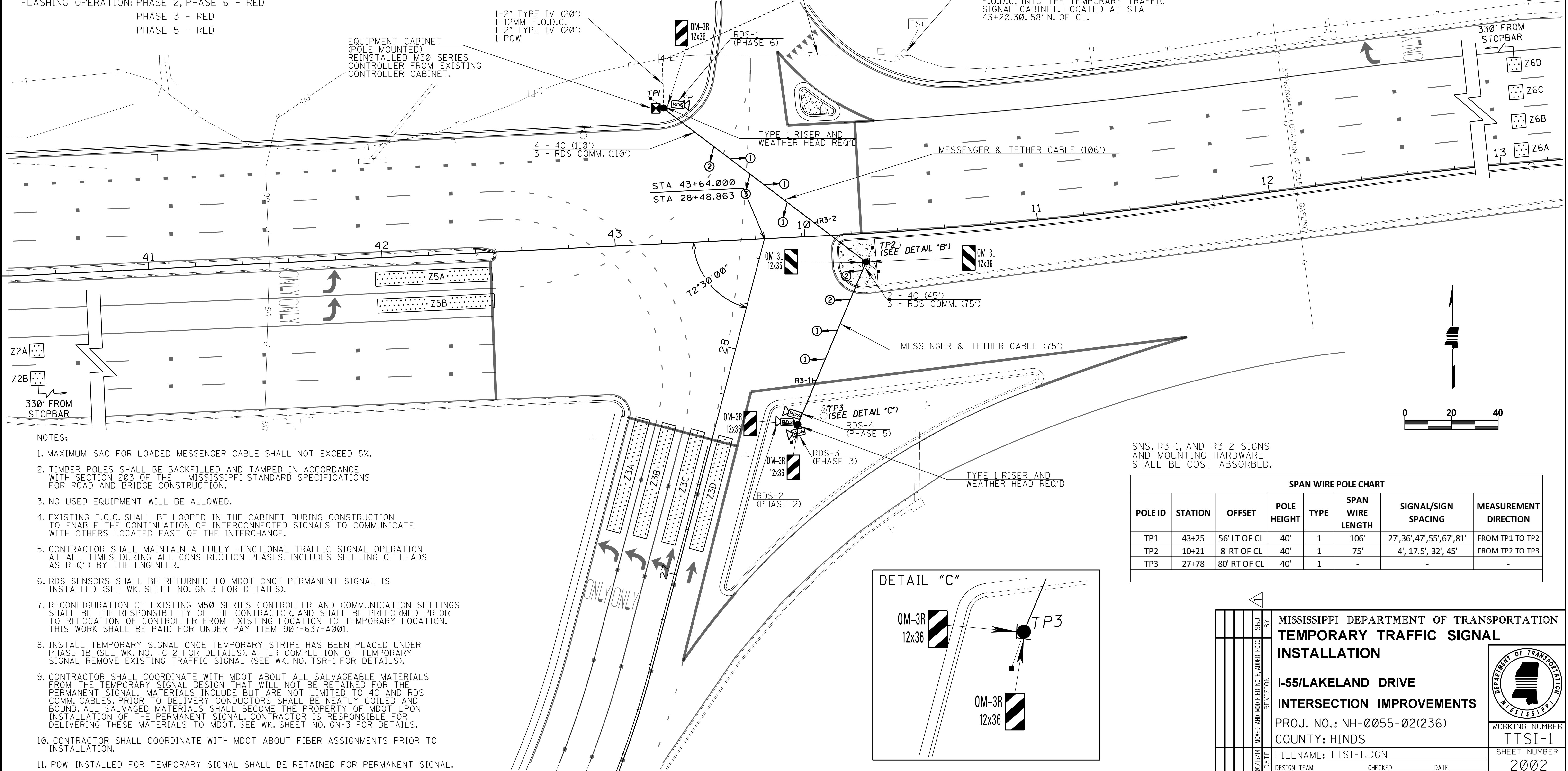


**DETECTION CHART**

DET. NO.	MIN. h	AZ	PHASE
RDS-1	30'	•	6
RDS-2	30'	•	2
RDS-3	26'	•	3
RDS-4	28'	•	5

MINIMUM RECALL: PHASE 2, PHASE 6  
 VOLUME/DENSITY: PHASE 2, PHASE 6  
 FLASHING OPERATION: PHASE 2, PHASE 6 - RED  
 PHASE 3 - RED  
 PHASE 5 - RED

• ALIGN DETECTOR AS PER MANUFACTURERS RECOMMENDATIONS

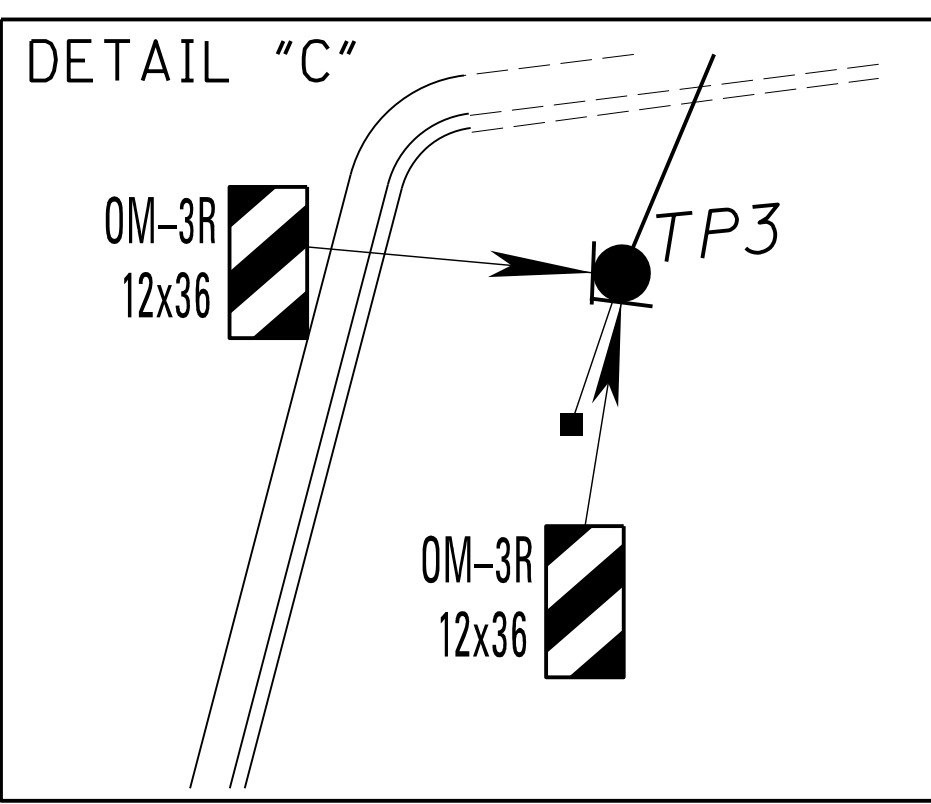


- NOTES:
- MAXIMUM SAG FOR LOADED MESSENGER CABLE SHALL NOT EXCEED 5%.
  - TIMBER POLES SHALL BE BACKFILLED AND TAMPED IN ACCORDANCE WITH SECTION 203 OF THE MISSISSIPPI STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
  - NO USED EQUIPMENT WILL BE ALLOWED.
  - EXISTING F.O.C. SHALL BE LOOPED IN THE CABINET DURING CONSTRUCTION TO ENABLE THE CONTINUATION OF INTERCONNECTED SIGNALS TO COMMUNICATE WITH OTHERS LOCATED EAST OF THE INTERCHANGE.
  - CONTRACTOR SHALL MAINTAIN A FULLY FUNCTIONAL TRAFFIC SIGNAL OPERATION AT ALL TIMES DURING ALL CONSTRUCTION PHASES. INCLUDES SHIFTING OF HEADS AS REQ'D BY THE ENGINEER.
  - RDS SENSORS SHALL BE RETURNED TO MDOT ONCE PERMANENT SIGNAL IS INSTALLED (SEE WK. SHEET NO. GN-3 FOR DETAILS).
  - RECONFIGURATION OF EXISTING M50 SERIES CONTROLLER AND COMMUNICATION SETTINGS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR, AND SHALL BE PERFORMED PRIOR TO RELOCATION OF CONTROLLER FROM EXISTING LOCATION TO TEMPORARY LOCATION. THIS WORK SHALL BE PAID FOR UNDER PAY ITEM 907-637-A001.
  - INSTALL TEMPORARY SIGNAL ONCE TEMPORARY STRIPE HAS BEEN PLACED UNDER PHASE 1B (SEE WK. NO. TC-2 FOR DETAILS). AFTER COMPLETION OF TEMPORARY SIGNAL REMOVE EXISTING TRAFFIC SIGNAL (SEE WK. NO. TSR-1 FOR DETAILS).
  - CONTRACTOR SHALL COORDINATE WITH MDOT ABOUT ALL SALVAGEABLE MATERIALS FROM THE TEMPORARY SIGNAL DESIGN THAT WILL NOT BE RETAINED FOR THE PERMANENT SIGNAL. MATERIALS INCLUDE BUT ARE NOT LIMITED TO 4C AND RDS COMM. CABLES. PRIOR TO DELIVERY CONDUCTORS SHALL BE NEATLY COILED AND BOUND. ALL SALVAGED MATERIALS SHALL BECOME THE PROPERTY OF MDOT UPON INSTALLATION OF THE PERMANENT SIGNAL. CONTRACTOR IS RESPONSIBLE FOR DELIVERING THESE MATERIALS TO MDOT. SEE WK. SHEET NO. GN-3 FOR DETAILS.
  - CONTRACTOR SHALL COORDINATE WITH MDOT ABOUT FIBER ASSIGNMENTS PRIOR TO INSTALLATION.
  - POW INSTALLED FOR TEMPORARY SIGNAL SHALL BE RETAINED FOR PERMANENT SIGNAL.

SNS, R3-1, AND R3-2 SIGNS AND MOUNTING HARDWARE SHALL BE COST ABSORBED.

**SPAN WIRE POLE CHART**

POLE ID	STATION	OFFSET	POLE HEIGHT	TYPE	SPAN WIRE LENGTH	SIGNAL/SIGN SPACING	MEASUREMENT DIRECTION
TP1	43+25	56' LT OF CL	40'	1	106'	27', 36', 47', 55', 67', 81'	FROM TP1 TO TP2
TP2	10+21	8' RT OF CL	40'	1	75'	4', 17.5', 32', 45'	FROM TP2 TO TP3
TP3	27+78	80' RT OF CL	40'	1	-	-	-



MISSISSIPPI DEPARTMENT OF TRANSPORTATION  
**TEMPORARY TRAFFIC SIGNAL INSTALLATION**  
 I-55/LAKELAND DRIVE  
 INTERSECTION IMPROVEMENTS  
 PROJ. NO.: NH-0055-02(236)  
 COUNTY: HINDS

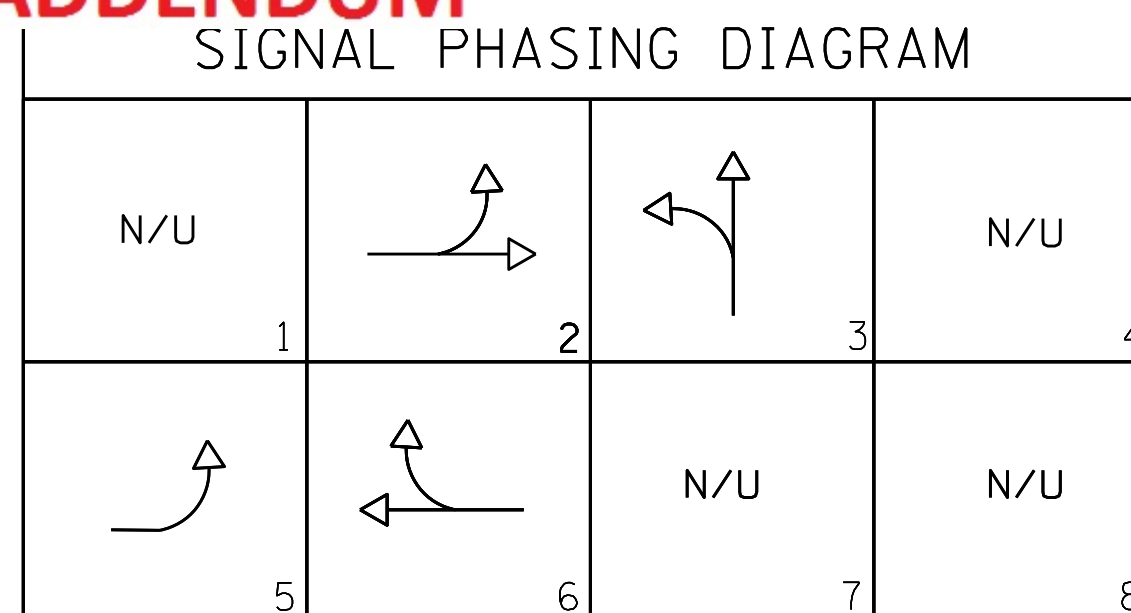
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 DESIGN TEAM \_\_\_\_\_ CHECKED \_\_\_\_\_ DATE \_\_\_\_\_

WORKING NUMBER  
 TTSI-1  
 SHEET NUMBER  
 2002

1/15/2014 1:51:33:56 TTSI-1.DGN

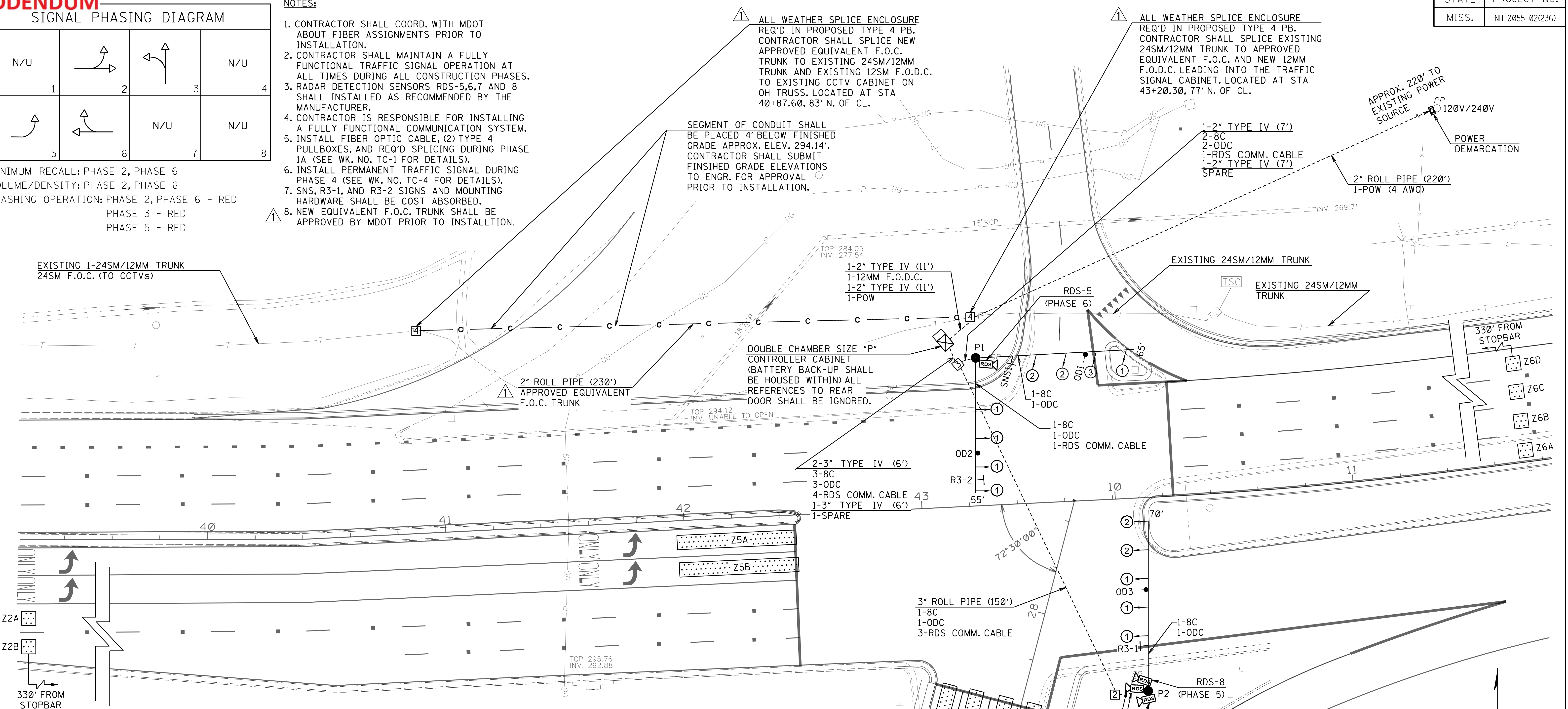
**ADDENDUM**

STATE	PROJECT NO.
MISS.	NH-0055-02(236)



MINIMUM RECALL: PHASE 2, PHASE 6  
 VOLUME/DENSITY: PHASE 2, PHASE 6  
 FLASHING OPERATION: PHASE 2, PHASE 6 - RED  
 PHASE 3 - RED  
 PHASE 5 - RED

- NOTES:**
- CONTRACTOR SHALL COORD. WITH MDOT ABOUT FIBER ASSIGNMENTS PRIOR TO INSTALLATION.
  - CONTRACTOR SHALL MAINTAIN A FULLY FUNCTIONAL TRAFFIC SIGNAL OPERATION AT ALL TIMES DURING ALL CONSTRUCTION PHASES.
  - RADAR DETECTION SENSORS RDS-5,6,7 AND 8 SHALL INSTALLED AS RECOMMENDED BY THE MANUFACTURER.
  - CONTRACTOR IS RESPONSIBLE FOR INSTALLING A FULLY FUNCTIONAL COMMUNICATION SYSTEM.
  - INSTALL FIBER OPTIC CABLE, (2) TYPE 4 PULLBOXES, AND REQ'D SPLICING DURING PHASE 1A (SEE WK. NO. TC-1 FOR DETAILS).
  - INSTALL PERMANENT TRAFFIC SIGNAL DURING PHASE 4 (SEE WK. NO. TC-4 FOR DETAILS).
  - SNS, R3-1, AND R3-2 SIGNS AND MOUNTING HARDWARE SHALL BE COST ABSORBED.
  - NEW EQUIVALENT F.O.C. TRUNK SHALL BE APPROVED BY MDOT PRIOR TO INSTALLTION.



**MAST ARM POLE CHART**

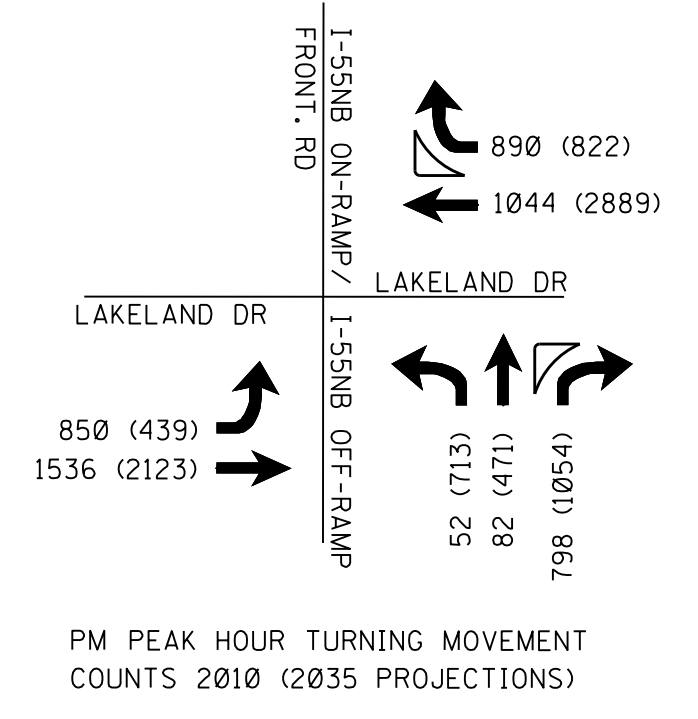
LOCATION	FOUNDATION SIZE	SHAFT LENGTH (FT.)	TYPE	MAST ARM LENGTH (FT.)	HEAD/ SIGN SPACING (FT.)	STREET NAME SIGN (SNS)	SNS SIZE	NOTES
P1	36"x15'	30'	IV	65'	16',26',30',38',42',51',63'	Lakeland Dr	72"x24"	
P2	36"x15'	30'	IV	70'	19',23',35',47',54',59',67',70'	-	-	

- MAST ARM TRAFFIC SIGNAL STRUCTURE DESIGN CRITERIA**
- STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS, 4TH EDITION (2001)
  - FATIGUE CATEGORY II
  - BASIC WIND SPEED: 90 MPH.
  - GALLOPING LOADS EXCLUDED.
  - ICE LOADS EXCLUDED.
  - TRUCK-INDUCED GUST LOADING EXCLUDED.
  - UPSWEEP MAST ARMS ARE REQUIRED.
  - DIRECT DESIGN CRITERIA QUESTIONS TO TRAFFIC SIGNAL ENGINEER AT STANTEC CONSULTING INC. (601) 354-0696 PHONE.
  - ALL POLES SHALL BE HOT DIP GALVANIZED THEN POWDER-COATED FLAT BRONZE. DESIGN LIFE: 50 YRS.

**DETECTION CHART**

DET. NO.	MIN. h	AZ	PHASE
RDS-5	30'	•	6
RDS-6	30'	•	2
RDS-7	26'	•	3
RDS-8	28'	•	5

ALIGN DETECTOR AS PER MANUFACTURERS RECOMMENDATIONS



**PREEMPTION CHART**

PREEMPT	PHASE
OD1	3
OD2	6
OD3	2,5

MISSISSIPPI DEPARTMENT OF TRANSPORTATION  
**TRAFFIC SIGNAL INSTALLATION**

**I-55/LAKELAND DRIVE INTERSECTION IMPROVEMENTS**

PROJECT: NH-0055-02(236)  
 COUNTY: HINDS

FILENAME: TSI.DGN  
 DESIGN TEAM: STANTEC  
 CHECKED: \_\_\_\_\_  
 DATE: \_\_\_\_\_

WORKING NUMBER  
**TSI-1**  
 SHEET NUMBER  
**2003**

1/15/2014 1:51:34:48 TSI.DGN