

**SECTION 905 -- PROPOSAL (CONTINUED)**

I (We) hereby certify by digital signature and electronic submission via Bid Express of the Section 905 proposal below, that all certifications, disclosures and affidavits incorporated herein are deemed to be duly executed in the aggregate, fully enforceable and binding upon delivery of the bid proposal. I (We) further acknowledge that this certification shall not extend to the bid bond or alternate security which must be separately executed for the benefit of the Commission. This signature does not cure deficiencies in any required certifications, disclosures and/or affidavits. I (We) also acknowledge the right of the Commission to require full and final execution on any certification, disclosure or affidavit contained in the proposal at the Commission's election upon award. Failure to so execute at the Commission's request within the time allowed in the Standard Specifications for execution of all contract documents will result in forfeiture of the bid bond or alternate security.

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

ADDENDUM NO. <u>  1  </u>	DATED <u>  5/19/2022  </u>	ADDENDUM NO. _____	DATED _____
ADDENDUM NO. _____	DATED _____	ADDENDUM NO. _____	DATED _____
ADDENDUM NO. _____	DATED _____	ADDENDUM NO. _____	DATED _____

Number	Description
1	Revised Table of Contents; Revised NTB No. 4181; Added NTB No. 4182; Revised Bid Items; Revised or Added Plan Sheet Nos. 1-3, 7, 9-15; Amendment EBSx 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.

NH-0008-02(118)/ 108370301000 & NH-0008-02(122)/ 108370301100

Simpson County(ies)

Revised 01/26/2016

**MISSISSIPPI DEPARTMENT OF TRANSPORTATION  
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NH-0008-02(122)/108370301 - Simpson**

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NH-0008-02(122)/108370301 - Simpson**

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

05/19/2022 02:18 PM

# MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904 - NOTICE TO BIDDERS NO. 4181

DATE: 05/19/2022

SUBJECT: Specialty Items

PROJECT: NH-0008-02(118)/108370301 & NH-0008-02(122)/108370301 - SIMPSON

Pursuant to the provisions of Section 108, the following work items are hereby designated as "Specialty Items" for this contract. Bidders are reminded that these items must be subcontracted in order to be considered as specialty items.

## CATEGORY: DISPOSAL OF BUILDINGS, RIGHT OF WAY CLEARING & GRUBBING

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Line No	Pay Item	Description
0080	202-B240	Removal of Traffic Stripe
0090	202-B241	Removal of Traffic Stripe

## CATEGORY: EROSION CONTROL

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Line No	Pay Item	Description
0150	213-C001	Superphosphate
0160	216-A001	Solid Sodding
0170	219-A001	Watering
0180	220-A001	Insect Pest Control

## CATEGORY: GUARDRAIL, GUIDERAIL

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Line No	Pay Item	Description
0410	606-B002	Guard Rail, Class A, Type 1, 'W' Beam
0420	606-C003	Guard Rail, Cable Anchor, Type 1
0430	606-D005	Guard Rail, Bridge End Section, Type A
0440	606-D022	Guard Rail, Bridge End Section, Type I
0450	606-E005	Guard Rail, Terminal End Section, Flared
0460	606-E007	Guard Rail, Terminal End Section, Non-Flared
0470	606-G001	Special Sections, Bridge Connector

## CATEGORY: MISCELLANEOUS/ SPECIALTY WORK ITEMS

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Line No	Pay Item	Description
0280	423-A001	Rumble Strips, Ground In

## CATEGORY: PAVEMENT STRIPING AND MARKING

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Line No	Pay Item	Description
0630	626-A001	6" Thermoplastic Double Drop Traffic Stripe, Skip White
0640	626-C002	6" Thermoplastic Double Drop Edge Stripe, Continuous White
0650	626-F001	6" Thermoplastic Double Drop Edge Stripe, Continuous Yellow
0660	626-F002	6" Thermoplastic Double Drop Edge Stripe, Continuous Yellow
0670	626-G002	Thermoplastic Detail Stripe, White

CATEGORY: PAVEMENT STRIPING AND MARKING

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Line No	Pay Item	Description
0680	626-G003	Thermoplastic Detail Stripe, Yellow
0690	626-H004	Thermoplastic Legend, White
0700	626-H005	Thermoplastic Legend, White
0710	627-J001	Two-Way Clear Reflective High Performance Raised Markers
0720	627-K001	Red-Clear Reflective High Performance Raised Markers
0730	627-L001	Two-Way Yellow Reflective High Performance Raised Markers

CATEGORY: SURVEY AND STAKING

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Line No	Pay Item	Description
0860	699-A001	Roadway Construction Stakes

CATEGORY: TRAFFIC CONTROL - PERMANENT

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Line No	Pay Item	Description
0740	630-A001	Standard Roadside Signs, Sheet Aluminum, 0.080" Thickness
0750	630-A003	Standard Roadside Signs, Sheet Aluminum, 0.125" Thickness
0760	630-C003	Steel U-Section Posts, 3.0 lb/ft
0770	630-E004	Structural Steel Angles & Bars, 7/16" x 2 1/2" Flat Bar
0780	630-F002	Delineators, Flexible Post Mounted, Crossover, Type I, Yellow
0790	630-F006	Delineators, Guard Rail, White
0800	630-F007	Delineators, Guard Rail, Yellow
0810	630-K001	Welded & Seamless Steel Pipe Posts, 3 1/2"
0820	635-A059	Traffic Signal Head, Type 1
0830	635-A065	Traffic Signal Head, Type 2 FYA
0840	635-A070	Traffic Signal Head, Type 3
0850	647-A001	Removal of Existing Traffic Signal Equipment
0900	907-632-C001	Modify Existing Traffic Signal Cabinet Assembly
0910	907-632-D001	Solid State Traffic Actuated Controller, Type 1
0920	907-632-G001	Malfunction Management Unit
0930	907-636-C009	Electric Cable, Aerial Supported, IMSA 20-1, AWG 14, 8 Conductor
0940	907-637-C028	Traffic Signal Conduit, Underground, Type 4, 2"
0950	907-641-A002	Signal Stop Bar Radar Vehicle Detection Sensor, Type 2
0960	907-641-B002	Signal Advanced Radar Vehicle Detection Sensor, Type 2
0970	907-641-D001	Radar Vehicle Detection Cable
0980	907-662-D002	Radio Interconnect, Broadband, Short Range
0990	907-663-A001	Network Switch, Type A

CATEGORY: TRAFFIC CONTROL - TEMPORARY

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Line No	Pay Item	Description
0530	619-A1001	Temporary Traffic Stripe, Continuous White
0540	619-A2001	Temporary Traffic Stripe, Continuous Yellow

CATEGORY: TRAFFIC CONTROL - TEMPORARY

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Line No	Pay Item	Description
0550	619-A3001	Temporary Traffic Stripe, Skip White
0560	619-A5001	Temporary Traffic Stripe, Detail
0570	619-A6001	Temporary Traffic Stripe, Legend
0580	619-A6002	Temporary Traffic Stripe, Legend
0590	619-F1001	Concrete Median Barrier, Precast
0600	619-G7001	Warning Lights, Type "B"
0610	619-J1006	Impact Attenuator, 55 MPH
0612	619-J2006	Impact Attenuator, 55 MPH, Replacement Package
0890	907-619-E3001	Changeable Message Sign

**MISSISSIPPI DEPARTMENT OF TRANSPORTATION**

**SECTION 904 - NOTICE TO BIDDERS NO. 4182**

**CODE: (SP)**

**DATE: 5/18/2022**

**SUBJECT: Lane Closure Restrictions**

**PROJECT: NH-0008-02(118) / 108370301000 – Simpson County  
NH-0008-02(122) / 108370301100 – Simpson County**

Bidders are hereby advised of the following restrictions on the above captioned project.

Throughout the entire project limits, any day to include the weekend, work requiring a lane closure will only be allowed between the hours of 6:00 PM – 6:00 AM. Lane closures may be installed beginning at 6:00 PM and must be removed by 6:00 AM.

The Contractor will be charged a fee of **\$500.00** for each full or partial 5 minute period until the roadway is back in compliance with the requirements stated above.

Official time can be obtained by calling the following Jackson area phone number: 601-355-9311.

Mill & Overlay approximately 10 miles of US 49 from Magee to Mendenhall & Intersection Improvements along US 49 from Goodwater Rd. to 1st Ave., known as Federal Aid Project Nos. NH-0008-02(118) / 1083703010 & NH-0008-02(122) / 1083703011 in Simpson County.

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
Roadway Items					
0010	202-B006		3,034	Square Yard	Removal of Asphalt Paved Shoulders, All Depths
0020	202-B059		28	Square Yard	Removal of Concrete Median & Island Pavement, All Depths
0030	202-B069		107	Square Yard	Removal of Concrete Pavement w/ Variable Depth Overlay
0040	202-B089		142	Linear Feet	Removal of Curb &/or Curb and Gutter, All Types
0050	202-B150		7,480	Linear Feet	Removal of Guard Rail Including Post, Blockouts & Hardware
0060	202-B188		6,306	Square Yard	Removal of Pavement, All Types and Depths
0070	202-B191		386	Linear Feet	Removal of Pipe, 8" And Above
0080	202-B240		2,092	Linear Feet	Removal of Traffic Stripe
0090	202-B241		5	Mile	Removal of Traffic Stripe
0100	203-A002	(E)	1,450	Cubic Yard	Unclassified Excavation, LVM, AH
0110	203-EX040	(E)	1,100	Cubic Yard	Borrow Excavation, AH, LVM, Class B9
0120	203-G002	(E)	372	Cubic Yard	Excess Excavation, LVM, AH
0130	206-A001	(S)	871	Cubic Yard	Structure Excavation
0140	209-A005		8,796	Square Yard	Geotextile Stabilization, Type V, Non-Woven
0150	213-C001		2	Ton	Superphosphate
0160	216-A001		16,243	Square Yard	Solid Sodding
0170	219-A001		324	Thousand Gallon	Watering [\$20.00]
0180	220-A001		3	Acre	Insect Pest Control [\$30.00]
0190	221-A001	(S)	64	Cubic Yard	Concrete Paved Ditch
0200	226-A001		3	Acre	Temporary Grassing
0210	304-A008	(GY)	4,039	Cubic Yard	Granular Material, LVM, Class 6, Group D
0212	403-A004	(BA1)	55	Ton	19-mm, HT, Asphalt Pavement
0220	403-A006	(BA1)	2,492	Ton	19-mm, ST, Asphalt Pavement
0230	403-A015	(BA1)	14,685	Ton	9.5-mm, ST, Asphalt Pavement
0240	403-D007	(BA1)	29,081	Ton	9.5-mm, HT, Asphalt Pavement, Polymer Modified
0250	406-D001		467,427	Square Yard	Fine Milling of Bituminous Pavement, All Depths
0260	407-A001	(A2)	40,001	Gallon	Asphalt for Tack Coat
0270	413-E001		1,608	Linear Feet	Sawing and Sealing Transverse Joints in Asphalt Pavement
0280	423-A001		31	Mile	Rumble Strips, Ground In
0290	503-A001	(C)	107	Square Yard	8" and Variable Continuously Reinforced Concrete Pavement, Broom Finish
0300	503-B001		40	Linear Feet	Saw Cut, Longitudinal Joints
0310	503-C010		15,808	Linear Feet	Saw Cut, Full Depth

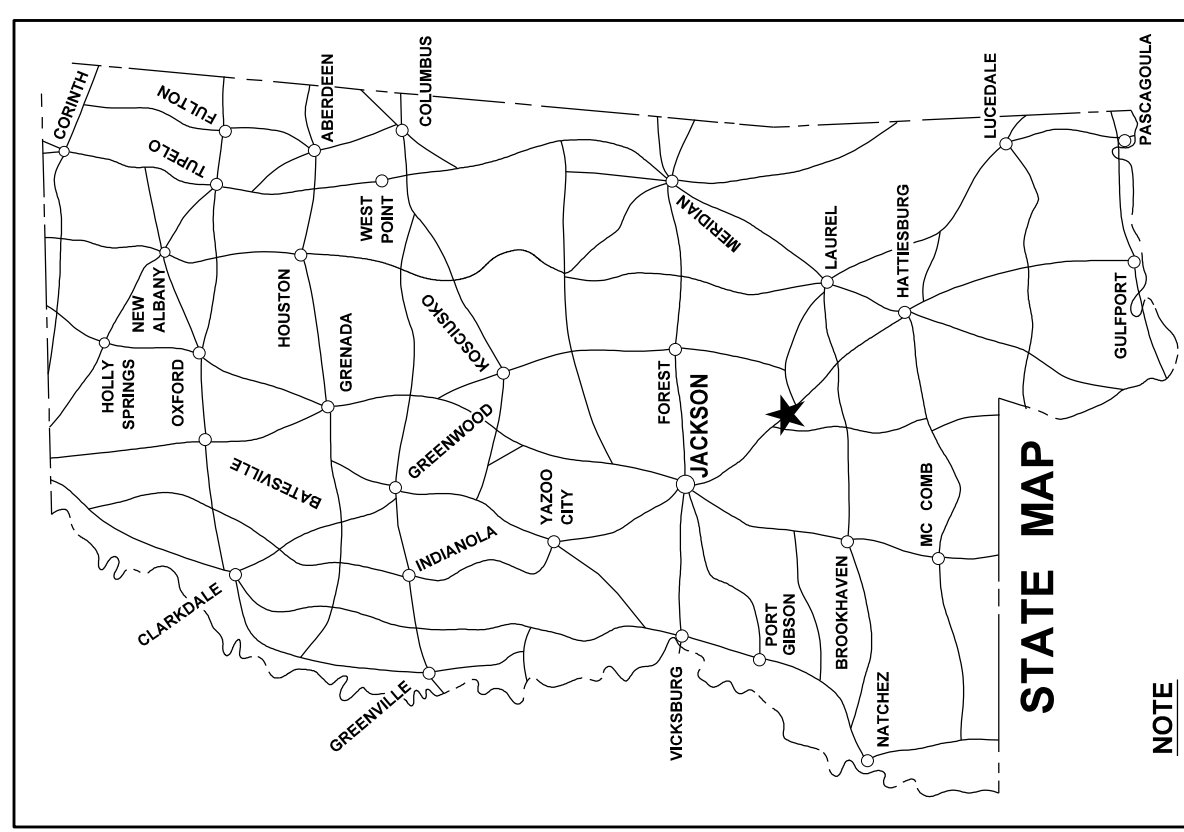


Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
0320	503-D001		18	Cubic Yard	Concrete for Base Repair
0330	503-E002		112	Each	Tie Bars, No. 5 Deformed Drilled and Epoxied or Grouted
0340	601-B001	(S)	19	Cubic Yard	Class "B" Structural Concrete, Minor Structures
0350	602-A001	(S)	1,443	Pounds	Reinforcing Steel
0360	603-CA011	(S)	1,856	Linear Feet	18" Reinforced Concrete Pipe, Class III
0370	603-CB004	(S)	1	Each	24" Reinforced Concrete End Section
0380	603-SB012	(S)	3	Each	18" Branch Connections, Stub into Box Culvert
0390	604-A001		2,684	Pounds	Castings
0400	604-B001		2,950	Pounds	Gratings
0410	606-B002		7,123	Linear Feet	Guard Rail, Class A, Type 1, 'W' Beam
0420	606-C003		10	Each	Guard Rail, Cable Anchor, Type 1
0430	606-D005		6	Each	Guard Rail, Bridge End Section, Type A
0440	606-D022		2	Each	Guard Rail, Bridge End Section, Type I
0450	606-E005		8	Each	Guard Rail, Terminal End Section, Flared
0460	606-E007		6	Each	Guard Rail, Terminal End Section, Non-Flared
0470	606-G001		6	Each	Special Sections, Bridge Connector
0480	609-D004	(S)	3,732	Linear Feet	Combination Concrete Curb and Gutter Type 2 Modified
0490	616-A001	(S)	251	Square Yard	Concrete Median and/or Island Pavement, 10-inch
0500	616-A004	(S)	903	Square Yard	Concrete Median and/or Island Pavement, 4-inch
0510	618-A001		1	Lump Sum	Maintenance of Traffic
0520	618-B001		1	Square Feet	Additional Construction Signs [\$10.00]
0530	619-A1001		21	Mile	Temporary Traffic Stripe, Continuous White
0540	619-A2001		20	Mile	Temporary Traffic Stripe, Continuous Yellow
0550	619-A3001		26	Mile	Temporary Traffic Stripe, Skip White
0560	619-A5001		138,419	Linear Feet	Temporary Traffic Stripe, Detail
0570	619-A6001		2,314	Square Feet	Temporary Traffic Stripe, Legend
0580	619-A6002		9,459	Linear Feet	Temporary Traffic Stripe, Legend
0590	619-F1001		12,568	Linear Feet	Concrete Median Barrier, Precast
0600	619-G7001		8	Each	Warning Lights, Type "B"
0610	619-J1006		10	Each	Impact Attenuator, 55 MPH
0612	619-J2006		3	Each	Impact Attenuator, 55 MPH, Replacement Package
0620	620-A001		1	Lump Sum	Mobilization
0630	626-A001		21	Mile	6" Thermoplastic Double Drop Traffic Stripe, Skip White
0640	626-C002		16	Mile	6" Thermoplastic Double Drop Edge Stripe, Continuous White

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
0650	626-F001		15	Mile	6" Thermoplastic Double Drop Edge Stripe, Continuous Yellow
0660	626-F002		3,410	Linear Feet	6" Thermoplastic Double Drop Edge Stripe, Continuous Yellow
0670	626-G002		84,787	Linear Feet	Thermoplastic Detail Stripe, White
0680	626-G003		53,632	Linear Feet	Thermoplastic Detail Stripe, Yellow
0690	626-H004		2,314	Square Feet	Thermoplastic Legend, White
0700	626-H005		9,459	Linear Feet	Thermoplastic Legend, White
0710	627-J001		2,474	Each	Two-Way Clear Reflective High Performance Raised Markers
0720	627-K001		4,137	Each	Red-Clear Reflective High Performance Raised Markers
0730	627-L001		635	Each	Two-Way Yellow Reflective High Performance Raised Markers
0740	630-A001		132	Square Feet	Standard Roadside Signs, Sheet Aluminum, 0.080" Thickness
0750	630-A003		35	Square Feet	Standard Roadside Signs, Sheet Aluminum, 0.125" Thickness
0760	630-C003		189	Linear Feet	Steel U-Section Posts, 3.0 lb/ft
0770	630-E004		195	Pounds	Structural Steel Angles & Bars, 7/16" x 2 1/2" Flat Bar
0780	630-F002		62	Each	Delineators, Flexible Post Mounted, Crossover, Type I, Yellow
0790	630-F006		206	Each	Delineators, Guard Rail, White
0800	630-F007		28	Each	Delineators, Guard Rail, Yellow
0810	630-K001		167	Linear Feet	Welded & Seamless Steel Pipe Posts, 3 1/2"
0820	635-A059		10	Each	Traffic Signal Head, Type 1
0830	635-A065		4	Each	Traffic Signal Head, Type 2 FYA
0840	635-A070		2	Each	Traffic Signal Head, Type 3
0850	647-A001		1	Lump Sum	Removal of Existing Traffic Signal Equipment
0860	699-A001		1	Lump Sum	Roadway Construction Stakes
0870	907-410-D001	(A2)	13,492	Gallon	Asphalt for Rejuvenating Fog Seal, Grade CMS-1PF
0880	907-604-PP001		1	Each	Modify Existing Inlet, Per Plans
0890	907-619-E3001		2	Each	Changeable Message Sign
0900	907-632-C001		1	Each	Modify Existing Traffic Signal Cabinet Assembly
0910	907-632-D001		2	Each	Solid State Traffic Actuated Controller, Type 1
0920	907-632-G001		1	Each	Malfunction Management Unit
0930	907-636-C009		780	Linear Feet	Electric Cable, Aerial Supported, IMSA 20-1, AWG 14, 8 Conductor
0940	907-637-C028		80	Linear Feet	Traffic Signal Conduit, Underground, Type 4, 2"
0950	907-641-A002		9	Each	Signal Stop Bar Radar Vehicle Detection Sensor, Type 2
0960	907-641-B002		6	Each	Signal Advanced Radar Vehicle Detection Sensor, Type 2
0970	907-641-D001		2,850	Linear Feet	Radar Vehicle Detection Cable

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
0980	907-662-D002		3	Each	Radio Interconnect, Broadband, Short Range
0990	907-663-A001		2	Each	Network Switch, Type A
1000	907-906001		520	Hours	Trainees [\$5.00]
ALTERNATE GROUP AA NUMBER 1					
1010	304-F001	(GT)	3,693	Ton	3/4" and Down Crushed Stone Base
ALTERNATE GROUP AA NUMBER 2					
1020	304-F002	(GT)	3,693	Ton	Size 610 Crushed Stone Base
ALTERNATE GROUP AA NUMBER 3					
1030	304-F003	(GT)	3,693	Ton	Size 825B Crushed Stone Base

STATE	PROJECT NUMBER	SHEET NO.
MISSISSIPPI	NH-0008-02(118) NH-0008-02(122)	1



NOTE  
★ INDICATES APPROXIMATE LOCATION OF PROJECT.  
LAT. 31° 54' 01.58" N LONG. 89° 46' 28.07" W  
(APPROX. MIDDLE OF PROJECT)

DESIGN CONTROL	
ADT ( ) = : ADT ( ) =	
DHV = : D = % T = %	
PERMITS ACQUIRED BY MDOT	
WETLANDS AND WATERS PERMITS	
WATERS	WETLANDS
NATIONWIDE #14	N
NATIONWIDE (OTHER)*	N
GENERAL*	N
INDIVIDUAL (404)*	N
STORMWATER PERMIT [S]	
Y	REQUIRED (AND SUBMITTED BY MDOT)
S	REQUIRED (S200 TO BE SUBMITTED BY CONTRACTOR (1 TO 4.99 ACRES))
N	NO STORMWATER PERMIT REQUIRED (<1 ACRE)
APPROVED BY:	

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

# PLAN AND PROFILE OF PROPOSED STATE HIGHWAY FEDERAL AID PROJECT NO.

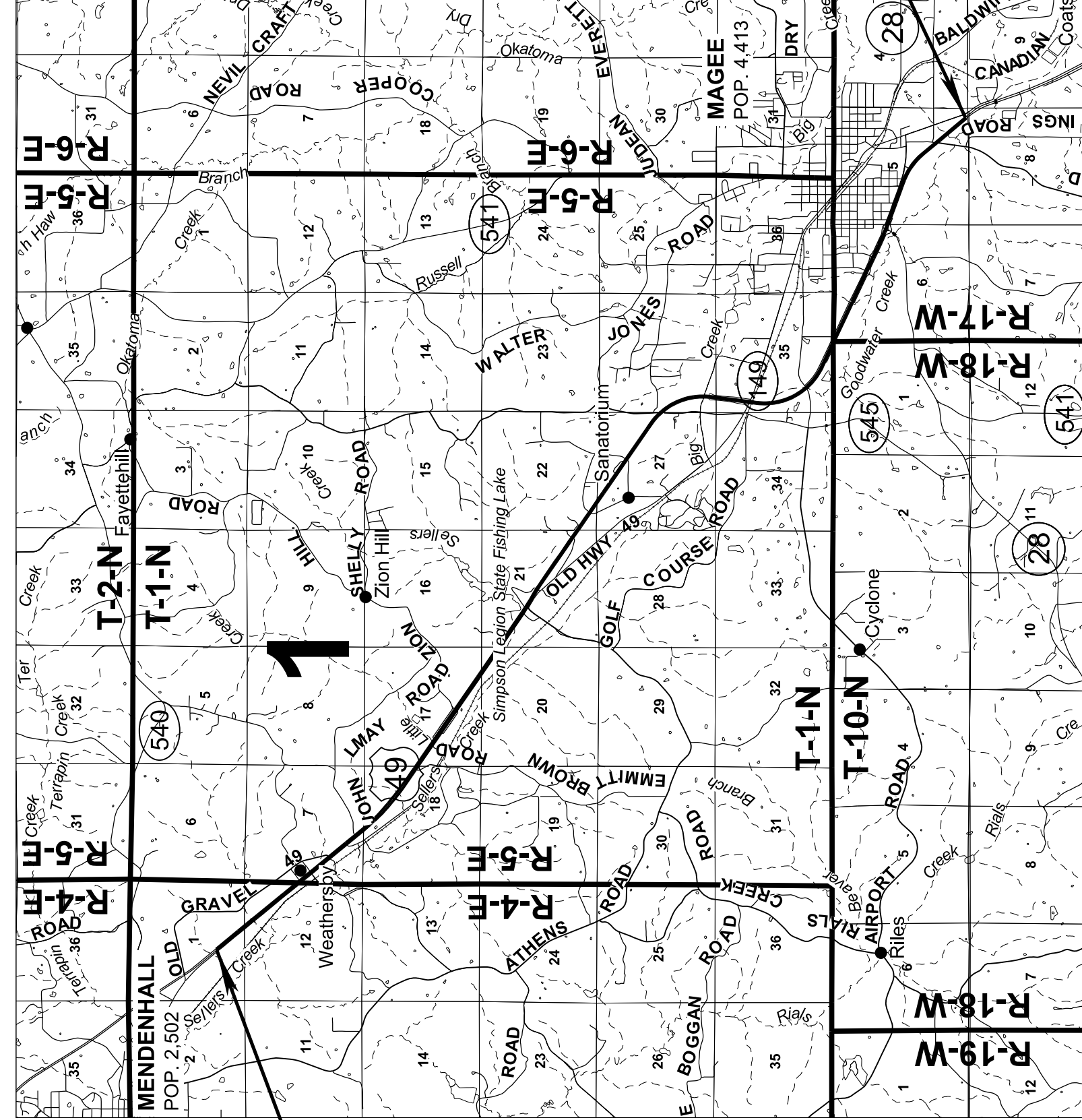
## NH-0008-02(118) NH-0008-02(122)

FMS CON. NO. 108370 / 301000  
108370 / 301100

US 49  
MAGEE 10 MI NORTH TO MENDENHALL  
SIMPSON COUNTY

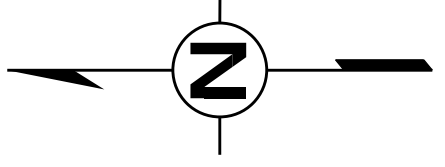
SCALES

PLAN	1 IN. = 100 FT.
PROFILE {	HOR. 1 IN. = 100 FT.
}	VERT. 1 IN. = 10 FT.
LAYOUT	1 IN. = 5,848 FT.



E.O.P. STA. 858 + 00

B.O.P STA. 310 + 27



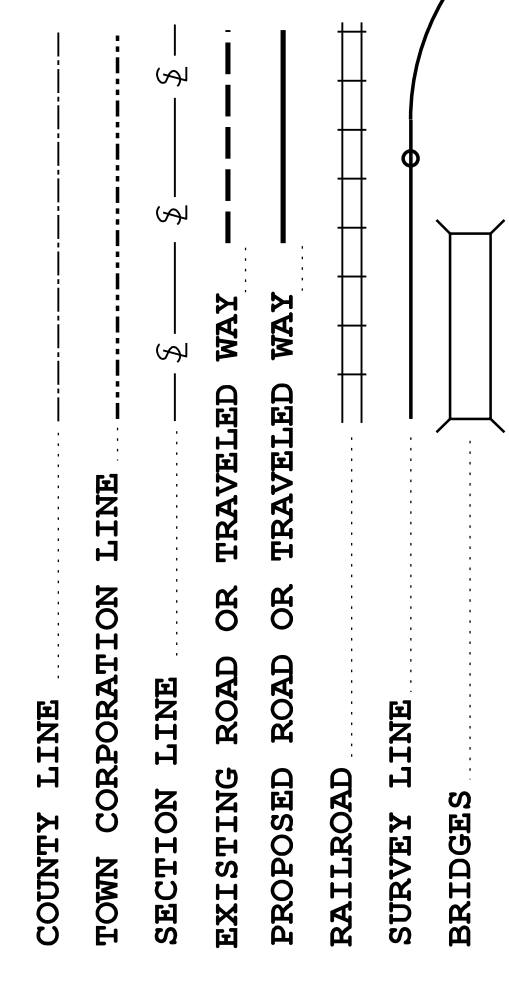
### GENERAL INDEX

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<input checked="" type="checkbox"/>	PERMANENT SIGNS	.....	1001
<input checked="" type="checkbox"/>	TRAFFIC SIGNALS	.....	2001
<input type="checkbox"/>	ITS COMPONENTS	.....	3001
<input type="checkbox"/>	LIGHTING	.....	4001
<input type="checkbox"/>	(RESERVED)	.....	5001
<input checked="" type="checkbox"/>	ROADWAY STANDARD DWGS	.....	6001
<input type="checkbox"/>	BOX CULVERT STD. DRAWINGS (LRFD)	.....	7001
<input type="checkbox"/>	BOX CULVERT STD. DRAWINGS (STD. SPEC.)	.....	7501
<input type="checkbox"/>	BRIDGE	.....	8001
<input type="checkbox"/>	CROSS SECTIONS	.....	9001

BRIDGE STRUCTURES REQ'D.

BOX BRIDGES REQ'D.

### CONVENTIONAL SYMBOLS



### EQUATIONS

396+43.84 BK =	392+10.33 AH =	433.51
541+82.15 BK =	542+91.15 AH =	-109.00
771+90.36 BK =	771+69.28 AH =	21.08
		345.59

### LENGTH DATA

LENGTH OF ROADWAY	10.059	MI.
LENGTH OF BRIDGES	0.049	MI.
LENGTH OF PROJECT (NET)	10.010	MI.
LENGTH OF EXCEPTIONS		MI.
LENGTH OF PROJECT (GROSS)	10.059	MI.

### EXCEPTIONS

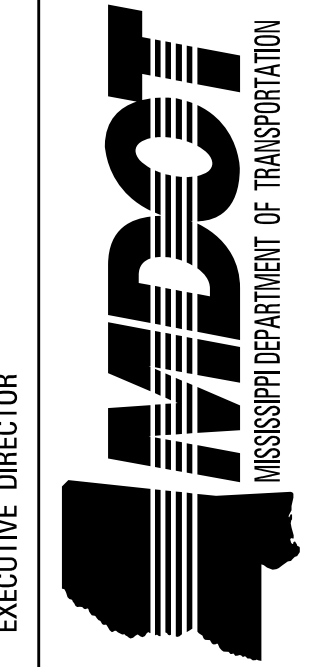
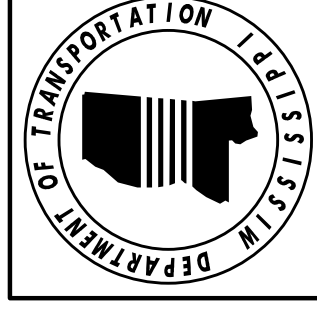
BY	REVISIONS	DATE

P S & E DATE: 2-22-2022

APPROVED:

DEPUTY EXECUTIVE DIRECTOR / CHIEF ENGINEER

EXECUTIVE DIRECTOR





# ADDENDUM

## DESCRIPTION OF SHEET

TEMPORARY STREAM DIVERSION (BOX EXTENSIONS)  
 FLOATING TURBIDITY CURTAIN  
 DETAILS OF EROSION CONTROL SANDBAG DITCH CHECK  
 SEDIMENT RETENTION BARRIER  
 DETAILS OF TYPICAL DITCH TREATMENTS  
 GUARDRAIL: "W" BEAM (WOOD POSTS)  
 GUARDRAIL: "W" BEAM (STEEL POSTS)  
 GUARDRAIL: BRIDGE END SECTIONS TYPE "A" & "C"  
 GUARDRAIL: BRIDGE END SECTIONS TYPE "I" (WOOD POSTS)(NEW CONSTRUCTION)  
 GUARDRAIL: BRIDGE END SECTIONS TYPE "I" (STEEL POSTS)(NEW CONSTRUCTION)  
 GUARDRAIL: MISCELLANEOUS HARDWARE  
 PIPE CULVERT INSTALLATION  
 STANDARD ROADSIDE SIGNS  
 STANDARD ROADSIDE SIGNS  
 STANDARD ROADSIDE SIGNS  
 STANDARD ROADSIDE SIGN ASSEMBLY AND INSTALLATION  
 STANDARD ROADSIDE SIGN ASSEMBLY AND INSTALLATION  
 STANDARD ROADSIDE SIGN ASSEMBLY AND INSTALLATION  
 BREAKAWAY SIGN SUPPORTS  
 BREAKAWAY SIGN SUPPORTS  
 TYPICAL CROSSOVER DELINEATION  
 TYPICAL GUARDRAIL DELINEATION  
 TRAFFIC CONTROL PLAN WITH FLAGGER (ONE-LANE CLOSURE OF TWO-WAY TRAFFIC)  
 TRAFFIC CONTROL PLAN FOR POSTED SPEED LIMIT LESS THAN 65 MPH  
 TRAFFIC CONTROL PLAN FOR POSTED SPEED LIMIT LESS THAN 65 MPH (EXTENDED PERIOD)  
 TRAFFIC CONTROL PLAN FOR POSTED SPEED LIMIT OF 65 OR 70 MPH (EXTENDED PERIOD)  
 TRAFFIC CONTROL PLAN FOR POSTED SPEED LIMIT OF 65 OR 70 MPH  
 SHORT DURATION CLOSING OF TWO-LANE TWO-WAY HIGHWAYS  
 SHORT DURATION CLOSING OF DIVIDED HIGHWAYS  
 HIGHWAY SIGN AND BARRICADE DETAILS FOR CONSTRUCTION PROJECTS  
 TRAFFIC CONTROL PLAN MOBILE OPERATIONS MULTILANE ROADS AND TWO-LANE ROADS  
 TRAFFIC CONTROL PLAN FOR TEMPORARY CONSTRUCTION CROSSOVER (WORK DAY ONLY)  
 TRAFFIC CONTROL PLAN FOR UNEVEN PAVEMENT DETAILS  
 TEMPORARY STRIPING FOR TRAFFIC CONTROL 2-LANE AND 4-LANE DIVIDED HIGHWAYS  
 TEMPORARY STRIPING FOR TRAFFIC CONTROL 4-LANE AND 5-LANE UNDIVIDED ROADWAYS  
 DRIVEWAYS, CURB & GUTTER, & SIDEWALK  
 MISCELLANEOUS DETAIL SHEET 1. STACKED PIPE JOINTS 2. EXCAVATION AT GRADE POINTS  
 DETAILS OF PAVED FLUMES  
 CONCRETE PIPE COLLAR  
 JUNCTION BOX FOR PIPE CULVERTS  
 JUNCTION BOX TYPE 2 FOR TRAFFIC LOAD (MAXIMUM "W" = 9.3 FT.)  
 BRANCH CONNECTIONS  
 TYPE I MEDIAN INLET (24" PIPE AND UNDER)  
 DETAILS OF GRATES FOR GUTTER INLETS  
 GUTTER INLET FOR TYPE 2 CURB (OUTLET 90° TO ROADWAY)  
 GUTTER INLET FOR TYPE 2 CURB (STORM SEWER ALONG ROADWAY)  
 FLARED END SECTION FOR CONCRETE PIPE

TOTAL NUMBER OF SHEETS: 162

WKG. NO.

DESCRIPTION OF SHEET

SH. NO.

ECD-19  
 ECD-20  
 ECD-21  
 ECD-22  
 DT-1  
 GR-1  
 GR-1B  
 GR-2  
 GR-2F  
 GR-2G  
 GR-HW  
 PI-1  
 SN-3  
 SN-3A  
 SN-3B  
 SN-4  
 SN-4A  
 SN-4B  
 SN-6A  
 SN-6B  
 SN-8B  
 SN-8C  
 TCP-1  
 TCP-2  
 TCP-3  
 TCP-4  
 TCP-5  
 TCP-6  
 TCP-7  
 TCP-8  
 TCP-9  
 TCP-11  
 TCP-12  
 TCP-13  
 TCP-14  
 SD-1  
 MDS-1  
 PF-1  
 PC-1  
 JB-1  
 JB-2  
 BC-1  
 MI-1  
 IG-2  
 GI-1  
 GI-1A  
 FE-1

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BY	
REVISION	
DATE	
DESIGN TEAM	DISTRICT 7
CHECKED	
DATE	
WORKING NUMBER	DI-2
SHEET NUMBER	3

PS & E PLANS-DATE: 2-22-2022	
FMS CON. # 108370/301000/301100	
REVISIONS	
DATE	SHEET NO.
5-18-2022	7, 9-15
	JMD

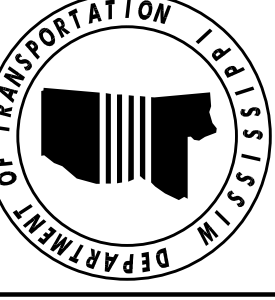
## DISTRICT 7

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

**DETAILED INDEX**

PROJ. NO.: NH-0008-02(118)  
 COUNTY: SIMPSON

FILE NAME: \02\DI-1.dgn

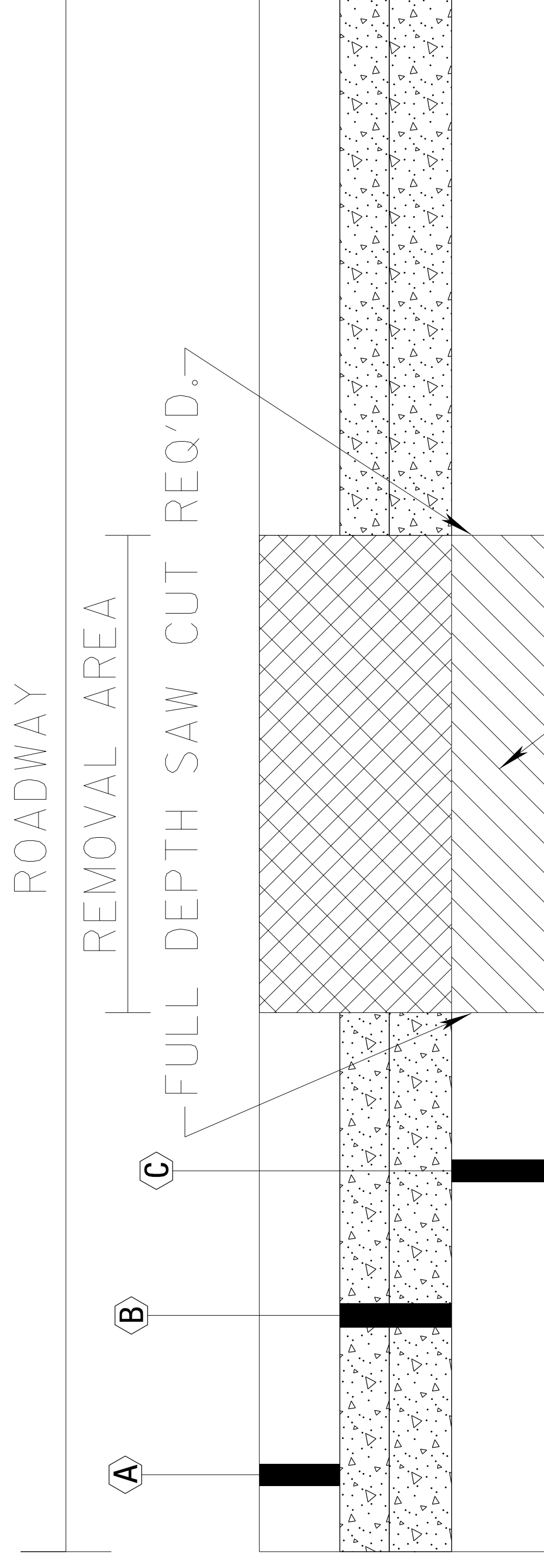


STATE	PROJECT NO.
MISS.	NH-0008-02(118)
	NH-0008-02(122)

# ADDENDUM

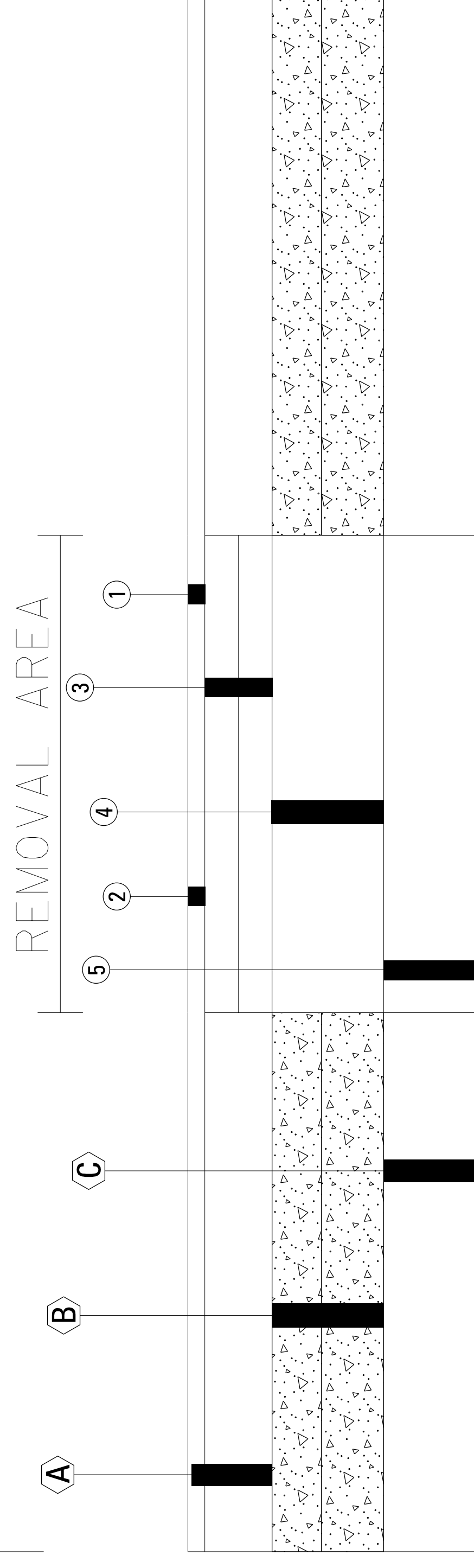
- Ⓐ 8" AND VARIABLE BITUMINOUS PAVEMENT IN PLACE
- Ⓑ 8" CONTINUOUS REINFORCED CEMENT CONCRETE PAVEMENT IN PLACE
- Ⓒ 6" SOIL CEMENT IN PLACE

TO BE REMOVED AS DIRECTED BY THE ENGINEER



- ① 1.50" OF 9.5MM HT ASPHALT REQ'D
- ② 1.50" & VAR. FINE MILLING REQ'D
- ③ 6.5" (2 @ 3.25") OF 19MM HT ASPHALT REQ'D
- ④ 8" CONTINUOUS REINFORCED CEMENT CONCRETE PAVEMENT REQ'D
- ⑤ 6" & VAR. CONCRETE FOR BASE REPAIR AS DIRECTED BY THE ENGINEER

ROADWAY



## NOTES:

- ⚠ 3" SAW CUT FOR JACKHAMMERING AND REMOVAL OF CONCRETE AS SHOWN ON PR-1A & PR-1B WILL NOT BE REQ'D.

\*\* NOT TO SCALE \*\*

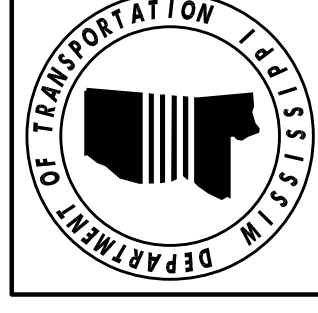
DATE	ADDED NOTE
5-19-2023	JMD
	REVISION
	BY

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

TYPICAL SECTION  
CONCRETE PAVEMENT REPAIR

PROJ. NO.: NH-0008-02(118)  
COUNTY: SIMPSON

FILE NAME: \04\TS-1.dgn  
DESIGN TEAM DISTRICT 7 CHECKED DATE



WORKING NUMBER  
**TS-3**  
SHEET NUMBER  
**7**

**ADDENDUM**


STATE	PROJECT NO.
MISS	NH-0008-02(118)/NH-0008-02(122)

① INCLUDES 3,128 TONS FOR USE WITH CROSSEOVERS.

PAY ITEM NO.	PAY ITEM	UNIT	SIMPSON : 108370-301000	
			Prelim	Final
202-B006	Removal of Asphalt Paved Shoulders, All Depths	SY	3,034	
202-B069	Removal of Concrete Pavement w/ Variable Depth Overlay	SY	107	
202-B150	Removal of Guard Rail Including Post, Blockouts & Hardware	LF	7,480	
202-B240	Removal of Traffic Stripe	LF	2,092	
203-G002	Excess Excavation, LVM, AH	CY	372	
304-A008	Granular Material, LVM, Class 6, Group D	CY	3,739	
304-F001	3/4" and Down Crushed Stone Base	TON	743	
304-F002	OR Size 610 Crushed Stone Base	TON	743	
304-F003	OR Size 825B Crushed Stone Base	TON	743	
403-A004	19-mm, HT, Asphalt Pavement	TON	55	
403-A015	9.5-mm, ST, Asphalt Pavement	TON	14,118	
403-D007	9.5-mm, HT, Asphalt Pavement, Polymer Modified	TON	29,081	
406-D001	Fine Milling of Bituminous Pavement, All Depths	SY	467,032	
407-A001	Asphalt for Tack Coat	GAL	39,001	
907-410-D001	Asphalt for Rejuvenating Fog Seal, Grade CMS-1PF	GAL	13,492	
413-E001	Sawing and Sealing Transverse Joints in Asphalt Pavement	LF	1,608	
423-A001	Rumble Strips, Ground In	MI	31	
503-A001	8" and Variable Continuously Reinforced Concrete Pavement, Broom Finish	SY	107	
503-B001	Saw Cut, Longitudinal Joints	LF	40	
503-C010	Saw Cut, Full Depth	LF	8,362	
503-D001	Concrete for Base Repair	CY	18	
503-E002	Tie Bars, No. 5 Deformed Drilled and Epoxied or Grouted	EA	112	
606-B002	Guard Rail, Class A, Type 1, 'W' Beam	LF	7,123	
606-C003	Guard Rail, Cable Anchor, Type 1	EA	10	
606-D005	Guard Rail, Bridge End Section, Type A	EA	6	
606-D022	Guard Rail, Bridge End Section, Type I	EA	2	
606-E005	Guard Rail, Terminal End Section, Flared	EA	8	
606-E007	Guard Rail, Terminal End Section, Non-Flared	EA	6	
606-G001	Special Sections, Bridge Connector	EA	6	
618-A001	Maintenance of Traffic	LS	1	
618-B001	Additional Construction Signs	SF	1	
619-A1001	Temporary Traffic Stripe, Continuous White	MI	16	
619-A2001	Temporary Traffic Stripe, Continuous Yellow	MI	15	
619-A3001	Temporary Traffic Stripe, Skip White	MI	21	
619-A5001	Temporary Traffic Stripe, Detail	LF	129,449	
619-A6001	Temporary Traffic Stripe, Legend	SF	1,410	
619-A6002	Temporary Traffic Stripe, Legend	LF	9,459	
620-A001	Mobilization	LS	1	
626-A001	6" Thermoplastic Double Drop Traffic Stripe, Skip White	MI	21	
626-C002	6" Thermoplastic Double Drop Edge Stripe, Continuous White	MI	16	

①



	
<b>MISSISSIPPI DEPARTMENT OF TRANSPORTATION</b> <b>SUMMARY OF QUANTITIES</b>	
Added pay item.	Revision
PROJ NO: NH-0008-02(118) COUNTY: SIMPSON	Working Number <b>SQ-1</b>
FILENAME: 108370 SQS Design Team DISTRICT7	Checked Date
Sheet Number <b>9</b>	Sheet Number <b>SQ-1</b>



**ADDENDUM**


STATE	PROJECT NO.
MISS	NH-0008-02(118)/NH-0008-02(122)

**SUMMARY OF QUANTITIES (SHEET 2)**

PAY ITEM NO.	PAY ITEM	UNIT	SIMPSON : 108370-301000	
			Prelim	Final
626-F001	6" Thermoplastic Double Drop Edge Stripe, Continuous Yellow	MI	15	
626-G002	Thermoplastic Detail Stripe, White	LF	78,692	
626-G003	Thermoplastic Detail Stripe, Yellow	LF	50,757	
626-H004	Thermoplastic Legend, White	SF	1,410	
626-H005	Thermoplastic Legend, White	LF	9,459	
627-J001	Two-Way Clear Reflective High Performance Raised Markers	EA	2,474	
627-K001	Red-Clear Reflective High Performance Raised Markers	EA	3,759	
627-L001	Two-Way Yellow Reflective High Performance Raised Markers	EA	635	
630-F002	Delineators, Flexible Post Mounted, Crossover, Type I, Yellow	EA	62	
630-F006	Delineators, Guard Rail, White	EA	206	
630-F007	Delineators, Guard Rail, Yellow	EA	28	
907-632-C001	Modify Existing Traffic Signal Cabinet Assembly	EA	1	
907-632-D001	Solid State Traffic Actuated Controller, Type 1	EA	2	
907-632-G001	Malfunction Management Unit	EA	1	
635-A059	Traffic Signal Head, Type 1	EA	10	
635-A065	Traffic Signal Head, Type 2 FYA	EA	4	
635-A070	Traffic Signal Head, Type 3	EA	2	
907-636-C009	Electric Cable, Aerial Supported, IMSA 20-1, AWG 14, 8 Conductor	LF	780	
907-637-C028	Traffic Signal Conduit, Underground, Type 4, 2"	LF	80	
907-641-A002	Signal Stop Bar Radar Vehicle Detection Sensor, Type 2	EA	9	
907-641-B002	Signal Advanced Radar Vehicle Detection Sensor, Type 2	EA	6	
907-641-D001	Radar Vehicle Detection Cable	LF	2,850	
647-A001	Removal of Existing Traffic Signal Equipment	LS	1	
907-662-D002	Radio Interconnect, Broadband, Short Range	EA	3	
907-663-A001	Network Switch, Type A	EA	2	

- ① RADIOS SHALL BE INSTALLED AS PER MANUFACTURER'S RECOMMENDATIONS. ALL CABLING, MOUNTING, HARDWARE ARRESTORS, ETC. THAT ARE NECESSARY FOR A COMPLETE AND OPERABLE UNIT ARE COST ABSORBED INTO THIS PAY ITEM.
- ② COVERS ALL RE-PHASING/MODIFICATION OF THE EXISTING TRAFFIC SIGNAL CABINETS, AND INCIDENTAL MATERIALS INCLUDING BUT NOT LIMITED TO NEW LOAD SWITCHES, LIGHTNING ARRESTORS, RE-TERMINATION OF FIELD WIRING, PREEMPTION WIRING, ETC. THAT IS NECESSARY TO COMPLETE THE WORK DEPICTED IN THE PLANS. ALSO INCLUDES THE ADJUSTMENT OF EXISTING RADAR DETECTION AS NECESSARY TO MINIMIZE DELAY TO TRAFFIC DURING AND AFTER COMPLETION OF OVERLAY. LOCATED AT US 49 @ MS 28/PINOLA.
- ③ HEADS/SPAN WIRE/ TETHER CABLE SHALL BE ADJUSTED ACCORDINGLY, SO THAT A MINIMUM VERTICAL CLEARANCE OF 18+/- 1' SHALL BE MAINTAINED ON ALL TRAFFIC SIGNAL HEADS. THE HEADS SHALL BE ADJUSTED SO THAT THE RED SECTION INDICATIONS ARE APPROXIMATELY THE SAME HEIGHT. SEE TSD-12. (COST ABSORBED)
- ④ USED FOR ALL CABLE, BOTH UNDERGROUND AND AERIALLY SUPPORTED.
- ⑤ TO BE USED AS DIRECTED BY THE PROJECT ENGINEER IF THE EXISTING CONDUIT IS DETERMINED TO BE UNUSABLE.
- ⑥ RADAR DETECTION SHALL BE INSTALLED AND MOUNTED AS PER MANUFACTURER'S RECOMMENDATION. ADVANCED RADAR DETECTION ZONES SHALL BE SETUP FOR PRIORITY ZONES. INCLUDES ALL RADARS, CLICK 656 UNITS, MOUNTING BRACKETS, CABLING, JUNCTION BOXES, ETC. NECESSARY FOR A FULLY OPERABLE UNIT. COVERS THE REMOVAL OF ALL OLD SIGNAL HEADS, BRACKETS, AND ANY OTHER OBSOLETE MATERIALS TO BE DISPOSED OF BY THE CONTRACTOR. EXISTING CONTROLLERS, MMUS, VIDEO DETECTION CAMERAS AND CARDS, AND UNUSED RADAR DETECTION EQUIPMENT SHALL BE SALVAGED TO MDOT.
- ⑧ CONTACT TRAFFIC ENGINEERING FOR CONTROLLER TIMINGS A MINIMUM OF 2 WEEKS PRIOR TO SWAPPING TO NEW CONTROLLERS, SO THAT THE TIMINGS CAN BE ADJUSTED TO ACCOUNT FOR PHASING CHANGES.

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<b>MISSISSIPPI DEPARTMENT OF TRANSPORTATION</b>	
<b>SUMMARY OF QUANTITIES</b>	
	Working Number <b>SQ-2</b>
PROJ NO: NH-0008-02(118) COUNTY: SIMPSON	
Design Team	Checked
Date	Date
FILENAME: 108370 SQS	
Sheet Number <b>10</b>	


**ADDENDUM**

STATE	PROJECT NO.
MISS	NH-0008-02(118)/NH-0008-02(122)

**SUMMARY OF QUANTITIES (SHEET 3)**

PAY ITEM NO.	PAY ITEM	UNIT	SIMPSON : 108370-301100	
			Prelim	Final
202-B059	Removal of Concrete Median & Island Pavement, All Depths	SY	28	
202-B089	Removal of Curb &/or Curb and Gutter, All Types	LF	142	
202-B188	Removal of Pavement, All Types and Depths	SY	6,306	
202-B191	Removal of Pipe, 8" And Above	LF	386	
202-B241	Removal of Traffic Stripe	MI	5	
203-A002	Unclassified Excavation, LVM, AH	CY	1,450	
203-EX040	Borrow Excavation, AH, LVM, Class B9	CY	1,100	
206-A001	Structure Excavation	CY	871	
209-A005	Geotextile Stabilization, Type V, Non-Woven	SY	8,796	
213-C001	Superphosphate	TON	2	
216-A001	Solid Sodding	SY	16,243	
219-A001	Watering	KGAL	324	
220-A001	Insect Pest Control	ACRE	3	
221-A001	Concrete Paved Ditch	CY	64	
226-A001	Temporary Grassing	ACRE	3	
304-A008	Granular Material, LVM, Class 6, Group D	CY	300	④
304-F001	3/4" and Down Crushed Stone Base	TON	2,950	⑤
	OR			
304-F002	Size 610 Crushed Stone Base	TON	2,950	⑤
	OR			
304-F003	Size 825B Crushed Stone Base	TON	2,950	⑤
403-A006	19-mm, ST, Asphalt Pavement	TON	2,492	
403-A015	9.5-mm, ST, Asphalt Pavement	TON	567	
406-D001	Fine Milling of Bituminous Pavement, All Depths	SY	395	
407-A001	Asphalt for Tack Coat	GAL	1,000	
503-C010	Saw Cut, Full Depth	LF	7,446	
601-B001	Class "B" Structural Concrete, Minor Structures	CY	19	①
602-A001	Reinforcing Steel	LBS	1,443	②
603-CA011	18" Reinforced Concrete Pipe, Class III	LF	1,856	
603-CB004	24" Reinforced Concrete End Section	EA	1	
603-SB012	18" Branch Connections, Stub into Box Culvert	EA	3	
604-A001	Castings	LBS	2,684	
604-B001	Gratings	LBS	2,950	
907-604-PP001	Modify Existing Inlet, Per Plans	EA	1	③
609-D004	Combination Concrete Curb and Gutter Type 2 Modified	LF	3,732	
616-A001	Concrete Median and/or Island Pavement, 10-inch	SY	251	
616-A004	Concrete Median and/or Island Pavement, 4-inch	SY	903	
618-A001	Maintenance of Traffic	LS	1	
619-A1001	Temporary Traffic Stripe, Continuous White	MI	5	
619-A2001	Temporary Traffic Stripe, Continuous Yellow	MI	5	
619-A3001	Temporary Traffic Stripe, Skip White	MI	5	
619-A5001	Temporary Traffic Stripe, Detail	LF	8,970	

- ① INCLUDES 1.20 CY FOR ROADSIDE SIGN FOOTINGS, 4.42 CY FOR JUNCTION BOXES, AND 13.49 CY FOR MINOR STRUCTURES.
- ② INCLUDES 491 LBS FOR JUNCTION BOXES AND 952 LBS FOR MINOR STRUCTURES.
- ③ INLET AT STATION 401+94.
- ④ INCLUDES 50% INCREASE FROM CALCULATED QUANTITY.
- ⑤ INCLUDES 20% INCREASE FROM CALCULATED QUANTITY.

<b>MISSISSIPPI DEPARTMENT OF TRANSPORTATION</b>	
<b>SUMMARY OF QUANTITIES</b>	
	Working Number <b>SQ-3</b>
PROJ NO: NH-0008-02(122) COUNTY: SIMPSON	
Revision	Date
Design Team	Checked
FILENAME: 108370 SQS	
Sheet Number	Date
11	11

**ADDENDUM**

STATE	PROJECT NO.
MISS	NH-0008-02(118)/NH-0008-02(122)

**SUMMARY OF QUANTITIES (SHEET 4)**

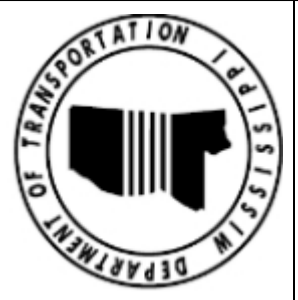
PAY ITEM NO.	PAY ITEM	UNIT	SIMPSON : 108370-301100	
			Prelim	Final
619-A6001	Temporary Traffic Stripe, Legend	SF	904	
907-619-E3001	Changeable Message Sign	EA	2	
619-F1001	Concrete Median Barrier, Precast	LF	12,568	
619-G7001	Warning Lights, Type "B"	EA	8	
619-J1006	Impact Attenuator, 55 MPH	EA	10	
619-J2006	Impact Attenuator, 55 MPH, Replacement Package	EA	3	
620-A001	Mobilization	LS	1	
626-F002	6" Thermoplastic Double Drop Edge Stripe, Continuous Yellow	LF	3,410	
626-G002	Thermoplastic Detail Stripe, White	LF	6,095	
626-G003	Thermoplastic Detail Stripe, Yellow	LF	2,875	
626-H004	Thermoplastic Legend, White	SF	904	
627-K001	Red-Clear Reflective High Performance Raised Markers	EA	378	
630-A001	Standard Roadside Signs, Sheet Aluminum, 0.080" Thickness	SF	132	
630-A003	Standard Roadside Signs, Sheet Aluminum, 0.125" Thickness	SF	35	
630-C003	Steel U-Section Posts, 3.0 lb/ft	LF	189	
630-E004	Structural Steel Angles & Bars, 7/16" x 2 1/2" Flat Bar	LBS	195	
630-K001	Welded & Seamless Steel Pipe Posts, 3 1/2"	LF	167	
699-A001	Roadway Construction Stakes	LS	1	

① USED AS DIRECTED BY THE ENGINEER. LOCATION AND SCREEN MESSAGE TO BE DETERMINED BY THE ENGINEER.

①

A



<b>MISSISSIPPI DEPARTMENT OF TRANSPORTATION</b> <b>SUMMARY OF QUANTITIES</b>		
PROJ NO: NH-0008-02(122) COUNTY: SIMPSON	Working Number <b>SQ-4</b>	Sheet Number <b>12</b>
FILENAME: 108370 SQS Design Team DISTRICTLZ	Checked	Date
Date 05/19/2022	Revision Added pay item.	Date 05/19/2022

**ADDENDUM**

STATE	PROJECT NO.
MISS	NH-0008-02(118)/NH-0008-02(122)

**SUMMARY OF QUANTITIES (SHEET 5)**

PAY ITEM NO.	PAY ITEM	UNIT	Total Amount	
			Prelim	Final
202-B006	Removal of Asphalt Paved Shoulders, All Depths	SY	3,034	
202-B059	Removal of Concrete Median & Island Pavement, All Depths	SY	28	
202-B069	Removal of Concrete Pavement w/ Variable Depth Overlay	SY	107	
202-B089	Removal of Curb &/or Curb and Gutter, All Types	LF	142	
202-B150	Removal of Guard Rail Including Post, Blockouts & Hardware	LF	7,480	
202-B188	Removal of Pavement, All Types and Depths	SY	6,306	
202-B191	Removal of Pipe, 8" And Above	LF	386	
202-B240	Removal of Traffic Stripe	LF	2,092	
202-B241	Removal of Traffic Stripe	MI	5	
203-A002	Unclassified Excavation, LVM, AH	CY	1,450	
203-EX040	Borrow Excavation, AH, LVM, Class B9	CY	1,100	
203-G002	Excess Excavation, LVM, AH	CY	372	
206-A001	Structure Excavation	CY	871	
209-A005	Geotextile Stabilization, Type V, Non-Woven	SY	8,796	
213-C001	Superphosphate	TON	2	
216-A001	Solid Sodding	SY	16,243	
219-A001	Watering	KGAL	324	
220-A001	Insect Pest Control	ACRE	3	
221-A001	Concrete Paved Ditch	CY	64	
226-A001	Temporary Grassing	ACRE	3	
304-A008	Granular Material, LVM, Class 6, Group D	CY	4,039	
304-F001	3/4" and Down Crushed Stone Base	TON	3,693	
304-F002	Size 610 Crushed Stone Base	TON	3,693	
304-F003	Size 825B Crushed Stone Base	TON	3,693	
403-A004	19-mm, HT, Asphalt Pavement	TON	55	
403-A006	19-mm, ST, Asphalt Pavement	TON	2,492	
403-A015	9.5-mm, ST, Asphalt Pavement	TON	14,685	
403-D007	9.5-mm, HT, Asphalt Pavement, Polymer Modified	TON	29,081	
406-D001	Fine Milling of Bituminous Pavement, All Depths	SY	467,427	
407-A001	Asphalt for Tack Coat	GAL	40,001	
907-410-D001	Asphalt for Rejuvenating Fog Seal, Grade CMS-1PF	GAL	13,492	
413-E001	Sawing and Sealing Transverse Joints in Asphalt Pavement	LF	1,608	
423-A001	Rumble Strips, Ground In	MI	31	
503-A001	8" and Variable Continuously Reinforced Concrete Pavement, Broom Finish	SY	107	
503-B001	Saw Cut, Longitudinal Joints	LF	40	
503-C010	Saw Cut, Full Depth	LF	15,808	
503-D001	Concrete for Base Repair	CY	18	
503-E002	Tie Bars, No. 5 Deformed Drilled and Epoxied or Grouted	EA	112	
601-B001	Class "B" Structural Concrete, Minor Structures	CY	19	
602-A001	Reinforcing Steel	LBS	1,443	


- ① INCLUDES 1.20 CY FOR ROADSIDE SIGN FOOTINGS, 4.42 CY FOR JUNCTION BOXES, AND 13.49 CY FOR MINOR STRUCTURES.
- ② INCLUDES 491 LBS FOR JUNCTION BOXES AND 952 LBS FOR MINOR STRUCTURES.
- ③ INCLUDES 3,128 TONS FOR USE WITH CROSSEOVERS.
- ④ INCLUDES 50% INCREASE FROM CALCULATED QUANTITY.
- ⑤ INCLUDES 20% INCREASE FROM CALCULATED QUANTITY.

- ④
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Added pay Item.	Revision
05/19/2022	JMS

**MISSISSIPPI DEPARTMENT OF TRANSPORTATION**  
**SUMMARY OF QUANTITIES - PROJECT TOTALS**



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**ADDENDUM**

STATE	PROJECT NO.
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**SUMMARY OF QUANTITIES (SHEET 6)**


PAY ITEM NO.	PAY ITEM	UNIT	Total Amount	
			Prelim	Final
603-CA011	18" Reinforced Concrete Pipe, Class III	LF	1,856	
603-CB004	24" Reinforced Concrete End Section	EA	1	
603-SB012	18" Branch Connections, Stub into Box Culvert	EA	3	
604-A001	Castings	LBS	2,684	
604-B001	Gratings	LBS	2,950	
907-604-PP001	Modify Existing Inlet, Per Plans	EA	1	
606-B002	Guard Rail, Class A, Type 1, 'W' Beam	LF	7,123	
606-C003	Guard Rail, Cable Anchor, Type 1	EA	10	
606-D005	Guard Rail, Bridge End Section, Type A	EA	6	
606-D022	Guard Rail, Bridge End Section, Type I	EA	2	
606-E005	Guard Rail, Terminal End Section, Flared	EA	8	
606-E007	Guard Rail, Terminal End Section, Non-Flared	EA	6	
606-G001	Special Sections, Bridge Connector	EA	6	
609-D004	Combination Concrete Curb and Gutter Type 2 Modified	LF	3,732	
616-A001	Concrete Median and/or Island Pavement, 10-inch	SY	251	
616-A004	Concrete Median and/or Island Pavement, 4-inch	SY	903	
618-A001	Maintenance of Traffic	LS	1	
618-B001	Additional Construction Signs	SF	1	
619-A1001	Temporary Traffic Stripe, Continuous White	MI	21	
619-A2001	Temporary Traffic Stripe, Continuous Yellow	MI	20	
619-A3001	Temporary Traffic Stripe, Skip White	MI	26	
619-A5001	Temporary Traffic Stripe, Detail	LF	138,419	
619-A6001	Temporary Traffic Stripe, Legend	SF	2,314	
619-A6002	Temporary Traffic Stripe, Legend	LF	9,459	
907-619-E3001	Changeable Message Sign	EA	2	
619-F1001	Concrete Median Barrier, Precast	LF	12,568	
619-G7001	Warning Lights, Type "B"	EA	8	
619-J1006	Impact Attenuator, 55 MPH	EA	10	
619-J2006	Impact Attenuator, 55 MPH, Replacement Package	EA	3	
620-A001	Mobilization	LS	1	
626-A001	6" Thermoplastic Double Drop Traffic Stripe, Skip White	MI	21	
626-C002	6" Thermoplastic Double Drop Edge Stripe, Continuous White	MI	16	
626-F001	6" Thermoplastic Double Drop Edge Stripe, Continuous Yellow	MI	15	
626-F002	6" Thermoplastic Double Drop Edge Stripe, Continuous Yellow	LF	3,410	
626-G002	Thermoplastic Detail Stripe, White	LF	84,787	
626-G003	Thermoplastic Detail Stripe, Yellow	LF	53,632	
626-H004	Thermoplastic Legend, White	SF	2,314	
626-H005	Thermoplastic Legend, White	LF	9,459	
627-J001	Two-Way Clear Reflective High Performance Raised Markers	EA	2,474	
627-K001	Red-Clear Reflective High Performance Raised Markers	EA	4,137	
627-L001	Two-Way Yellow Reflective High Performance Raised Markers	EA	635	
630-A001	Standard Roadside Signs, Sheet Aluminum, 0.080" Thickness	SF	132	
630-A003	Standard Roadside Signs, Sheet Aluminum, 0.125" Thickness	SF	35	
630-C003	Steel U-Section Posts, 3.0 lb/ft	LF	189	

- ① INLET AT STATION 401+94.
- ② USED AS DIRECTED BY THE ENGINEER. LOCATION AND SCREEN MESSAGE TO BE DETERMINED BY THE ENGINEER.



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**MISSISSIPPI DEPARTMENT OF TRANSPORTATION**  
**SUMMARY OF QUANTITIES - PROJECT TOTALS**



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**ADDENDUM**

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**SUMMARY OF QUANTITIES (SHEET 7)**

PAY ITEM NO.	PAY ITEM	UNIT	Total Amount	
			Prelim	Final
630-E004	Structural Steel Angles & Bars, 7/16" x 2 1/2" Flat Bar	LBS	195	
630-F002	Delineators, Flexible Post Mounted, Crossover, Type I, Yellow	EA	62	
630-F006	Delineators, Guard Rail, White	EA	206	
630-F007	Delineators, Guard Rail, Yellow	EA	28	
630-K001	Welded & Seamless Steel Pipe Posts, 3 1/2"	LF	167	
907-632-C001	Modify Existing Traffic Signal Cabinet Assembly	EA	1	
907-632-D001	Solid State Traffic Actuated Controller, Type 1	EA	2	
907-632-G001	Malfunction Management Unit	EA	1	
635-A059	Traffic Signal Head, Type 1	EA	10	
635-A065	Traffic Signal Head, Type 2 FYA	EA	4	
635-A070	Traffic Signal Head, Type 3	EA	2	
907-636-C009	Electric Cable, Aerial Supported, IMSA 20-1, AWG 14, 8 Conductor	LF	780	
907-637-C028	Traffic Signal Conduit, Underground, Type 4, 2"	LF	80	
907-641-A002	Signal Stop Bar Radar Vehicle Detection Sensor, Type 2	EA	9	
907-641-B002	Signal Advanced Radar Vehicle Detection Sensor, Type 2	EA	6	
907-641-D001	Radar Vehicle Detection Cable	LF	2,850	
647-A001	Removal of Existing Traffic Signal Equipment	LS	1	
907-662-D002	Radio Interconnect, Broadband, Short Range	EA	3	
907-663-A001	Network Switch, Type A	EA	2	
699-A001	Roadway Construction Stakes	LS	1	

- ① RADIOS SHALL BE INSTALLED AS PER MANUFACTURER'S RECOMMENDATIONS. ALL CABLING, MOUNTING, HARDWARE ARRESTORS, ETC. THAT ARE NECESSARY FOR A COMPLETE AND OPERABLE UNIT ARE COST ABSORBED INTO THIS PAY ITEM.
- ② COVERS ALL RE-PHASING/MODIFICATION OF THE EXISTING TRAFFIC SIGNAL CABINETS, AND INCIDENTAL MATERIALS INCLUDING BUT NOT LIMITED TO NEW LOAD SWITCHES, LIGHTNING ARRESTORS, RE-TERMINATION OF FIELD WIRING, PREEMPTION WIRING, ETC. THAT IS NECESSARY TO COMPLETE THE WORK DEPICTED IN THE PLANS. ALSO INCLUDES THE ADJUSTMENT OF EXISTING RADAR DETECTION AS NECESSARY TO MINIMIZE DELAY TO TRAFFIC DURING AND AFTER COMPLETION OF OVERLAY. LOCATED AT US 49 @ MS 28/PINOLA.
- ③ HEADS/SPAN WIRE/ TETHER CABLE SHALL BE ADJUSTED ACCORDINGLY, SO THAT A MINIMUM VERTICAL CLEARANCE OF 18+/- 1' SHALL BE MAINTAINED ON ALL TRAFFIC SIGNAL HEADS. THE HEADS SHALL BE ADJUSTED SO THAT THE RED SECTION INDICATIONS ARE APPROXIMATELY THE SAME HEIGHT. SEE TSD-12. (COST ABSORBED)
- ④ USED FOR ALL CABLE, BOTH UNDERGROUND AND AERIALLY SUPPORTED.
- ⑤ TO BE USED AS DIRECTED BY THE PROJECT ENGINEER IF THE EXISTING CONDUIT IS DETERMINED TO BE UNUSABLE.
- ⑥ RADAR DETECTION SHALL BE INSTALLED AND MOUNTED AS PER MANUFACTURER'S RECOMMENDATION. ADVANCED RADAR DETECTION ZONES SHALL BE SETUP FOR PRIORITY ZONES. INCLUDES ALL RADARS, CLICK 656 UNITS, MOUNTING BRACKETS, CABLING, JUNCTION BOXES, ETC. NECESSARY FOR A FULLY OPERABLE UNIT. COVERS THE REMOVAL OF ALL OLD SIGNAL HEADS, BRACKETS, AND ANY OTHER OBSOLETE MATERIALS TO BE DISPOSED OF BY THE CONTRACTOR. EXISTING CONTROLLERS, MMUS, VIDEO DETECTION CAMERAS AND CARDS, AND UNUSED RADAR DETECTION EQUIPMENT SHALL BE SALVAGED TO MDOT.
- ⑧ CONTACT TRAFFIC ENGINEERING FOR CONTROLLER TIMINGS A MINIMUM OF 2 WEEKS PRIOR TO SWAPPING TO NEW CONTROLLERS, SO THAT THE TIMINGS CAN BE ADJUSTED TO ACCOUNT FOR PHASING CHANGES.

<b>MISSISSIPPI DEPARTMENT OF TRANSPORTATION</b>	
<b>SUMMARY OF QUANTITIES - PROJECT TOTALS</b>	
	
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