

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> 1/13/2023 </u>	ADDENDUM NO. <u> </u>	DATED <u> </u>
ADDENDUM NO. <u> </u>	DATED <u> </u>	ADDENDUM NO. <u> </u>	DATED <u> </u>
ADDENDUM NO. <u> </u>	DATED <u> </u>	ADDENDUM NO. <u> </u>	DATED <u> </u>

Number	Description
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1	Revised Table of Contents; Revised NTB No. 4711; Added NTB No. 4712; Revised Wage Rates; Revised Bid Items; Revised or Added Plan Sheet Nos. 2,32,43 &2002; Amendment EBSx Download Required.
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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
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_____ Secretary	_____ Address
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_____ Treasurer	_____ Address
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The following is my (our) itemized proposal.
NHPP-0040-02(038)/ 107781302000
Itawamba County(ies)

Revised 01/26/2016

**MISSISSIPPI DEPARTMENT OF TRANSPORTATION
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PROJECT: NHPP-0040-02(038)/107781302 - Itawamba

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01/13/2023 02:41 PM

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904 - NOTICE TO BIDDERS NO. 4711

DATE: 01/13/2023

SUBJECT: Specialty Items

PROJECT: NHPP-0040-02(038)/107781302 - ITAWAMBA

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: CURBING, SIDEWALKS, GUTTERS

Line No	Pay Item	Description
0540	609-D004	Combination Concrete Curb and Gutter Type 2 Modified
0550	609-D012	Combination Concrete Curb and Gutter Type 3A Modified

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

Line No	Pay Item	Description
0120	202-B240	Removal of Traffic Stripe

CATEGORY: EROSION CONTROL

Line No	Pay Item	Description
0190	213-C001	Superphosphate
0200	216-A001	Solid Sodding
0210	219-A001	Watering
0220	220-A001	Insect Pest Control
0230	221-A001	Concrete Paved Ditch
0240	223-A001	Mowing
0250	225-A001	Grassing
0260	225-B001	Agricultural Limestone
0270	225-C001	Mulch, Vegetative Mulch
0280	226-A001	Temporary Grassing
0290	237-A002	Wattles, 20"
0300	239-A001	Temporary Slope Drains
0310	245-A001	Silt Dike
0320	246-B002	Rockbags
0330	249-A001	Riprap for Erosion Control
0340	249-B001	Remove and Reset Riprap
1030	907-234-A001	Temporary Silt Fence
1040	907-234-D001	Inlet Siltation Guard

CATEGORY: PAVEMENT STRIPING AND MARKING

Line No	Pay Item	Description
0780	626-A002	6" Thermoplastic Double Drop Traffic Stripe, Skip White

CATEGORY: PAVEMENT STRIPING AND MARKING

Line No	Pay Item	Description
0790	626-C001	6" Thermoplastic Double Drop Edge Stripe, Continuous White
0800	626-D002	6" Thermoplastic Double Drop Traffic Stripe, Skip Yellow
0810	626-E002	6" Thermoplastic Double Drop Traffic Stripe, Continuous Yellow
0820	626-F002	6" Thermoplastic Double Drop Edge Stripe, Continuous Yellow
0830	626-G004	Thermoplastic Double Drop Detail Stripe, White
0840	626-G005	Thermoplastic Double Drop Detail Stripe, Yellow
0850	626-H001	Thermoplastic Double Drop Legend, White
0860	626-H002	Thermoplastic Double Drop Legend, White
0870	627-J001	Two-Way Clear Reflective High Performance Raised Markers
0880	627-K001	Red-Clear Reflective High Performance Raised Markers
0890	627-L001	Two-Way Yellow Reflective High Performance Raised Markers
1500	907-624-A002	6" Inverted Profile Thermoplastic Traffic Stripe, Skip White
1510	907-624-B002	6" Inverted Profile Thermoplastic Traffic Stripe, Continuous White
1520	907-624-D002	6" Inverted Profile Thermoplastic Traffic Stripe, Continuous Yellow
1530	628-G001	6" High Performance Cold Plastic Traffic Stripe, Skip White
1540	628-H001	6" High Performance Cold Plastic Traffic Stripe, Continuous White
1550	628-J001	6" High Performance Cold Plastic Traffic Stripe, Continuous Yellow

CATEGORY: SURVEY AND STAKING

Line No	Pay Item	Description
1010	699-A001	Roadway Construction Stakes

CATEGORY: TRAFFIC CONTROL - PERMANENT

Line No	Pay Item	Description
0900	630-A001	Standard Roadside Signs, Sheet Aluminum, 0.080" Thickness
0910	630-A003	Standard Roadside Signs, Sheet Aluminum, 0.125" Thickness
0920	630-A005	Standard Roadside Signs, Sheet Aluminum, 0.1" Thickness
0930	630-B002	Interstate Directional Signs, Bolted Extruded Aluminum Panels, Ground Mounted
0940	630-C001	Square Tube Posts, 4.0 lb/ft
0950	630-C005	Square Tube Posts, 2.0 lb/ft
0960	630-D008	Structural Steel Beams, W6 x 9
0970	635-A059	Traffic Signal Head, Type 1
0980	635-A061	Traffic Signal Head, Type 2
0990	635-A065	Traffic Signal Head, Type 2 FYA
1000	635-A070	Traffic Signal Head, Type 3
1130	907-632-A010	Solid State Traffic Cabinet Assembly, Type IV Cabinet, Type 1 Controller
1140	907-632-J001	Power Service Pedestal
1150	907-633-A001	Uninterruptable Power Supply
1160	907-634-A050	Traffic Signal Equipment Pole, Type II(L), 30' Shaft, 70' Arm
1162	907-634-A052	Traffic Signal Equipment Pole, Type II(L), 30' Shaft, 80' Arm
1180	907-634-A081	Traffic Signal Equipment Pole, Type II, 17' Shaft, 35' Arm

CATEGORY: TRAFFIC CONTROL - PERMANENT

Line No	Pay Item	Description
1190	907-634-A083	Traffic Signal Equipment Pole, Type II, 17' Shaft, 45' Arm
1200	907-634-A088	Traffic Signal Equipment Pole, Type II, 17' Shaft, 60' Arm
1220	907-634-A090	Traffic Signal Equipment Pole, Type II, 17' Shaft, 70' Arm
1222	907-634-A130	Traffic Signal Equipment Pole, Type II, 30' Shaft, 65' Arm
1230	907-634-A257	Traffic Signal Equipment Pole, Type III(L), 30' Shaft, 40' & 55' Arm
1240	907-634-A394	Traffic Signal Equipment Pole, Type III, 17' Shaft, 45' & 65' Arm
1250	907-634-C001	Pole Foundations, Class "B" Concrete
1260	907-634-D002	Slip Casing, 30" Diameter
1270	907-634-D003	Slip Casing, 36" Diameter
1280	907-636-B016	Electric Cable, Underground in Conduit, IMSA 20-1, AWG 14, 8 Conductor
1290	907-636-B027	Electric Cable, Underground in Conduit, IMSA 20-1, AWG 8, 2 Conductor
1300	907-637-A002	Pullbox Enclosure, Type 2
1310	907-637-A003	Pullbox Enclosure, Type 3
1320	907-637-C028	Traffic Signal Conduit, Underground, Type 4, 2"
1330	907-637-C030	Traffic Signal Conduit, Underground, Type 4, 3"
1340	907-637-D003	Traffic Signal Conduit, Underground Drilled or Jacked, Rolled Pipe, 3"
1350	907-639-B001	Type 1 Optical Detector
1360	907-639-C001	Type 1 Optical Detector Cable
1370	907-639-D001	Multimode Phase Selector
1380	907-641-A002	Signal Stop Bar Radar Vehicle Detection Sensor, Type 2
1390	907-641-B002	Signal Advanced Radar Vehicle Detection Sensor, Type 2
1400	907-641-D001	Radar Vehicle Detection Cable
1410	907-650-A002	On Street Video Equipment, Fixed Type
1420	907-650-A003	On Street Video Equipment, PTZ Type
1430	907-653-A001	Traffic Sign
1440	907-662-D002	Radio Interconnect, Broadband, Short Range
1450	907-663-A002	Network Switch, Type B
1460	907-663-D001	Category 6 Cable, Installed in Conduit

CATEGORY: TRAFFIC CONTROL - TEMPORARY

Line No	Pay Item	Description
0590	619-A1002	Temporary Traffic Stripe, Continuous White
0600	619-A1005	Temporary Traffic Stripe, Continuous White, Type 1 Tape
0610	619-A2002	Temporary Traffic Stripe, Continuous Yellow
0620	619-A2006	Temporary Traffic Stripe, Continuous Yellow, Type 1 Tape
0630	619-A5001	Temporary Traffic Stripe, Detail
0640	619-A6001	Temporary Traffic Stripe, Legend
0650	619-A6002	Temporary Traffic Stripe, Legend
0660	619-C6001	Red-Clear Reflective High Performance Raised Marker
0670	619-D1001	Standard Roadside Construction Signs, Less than 10 Square Feet
0680	619-D2001	Standard Roadside Construction Signs, 10 Square Feet or More
0690	619-F1001	Concrete Median Barrier, Precast

CATEGORY: TRAFFIC CONTROL - TEMPORARY

Line No	Pay Item	Description
0700	619-G4001	Barricades, Type III, Double Faced
0710	619-G4005	Barricades, Type III, Single Faced
0720	619-G5001	Free Standing Plastic Drums
0730	619-G7001	Warning Lights, Type "B"
0740	619-H1001	Traffic Signals
0750	619-J1003	Impact Attenuator, 50 MPH
0760	619-J2003	Impact Attenuator, 50 MPH, Replacement Package
1050	907-619-E3001	Changeable Message Sign
1060	907-619-M1002	Smart Work Zone, Portable Queue Trailer
1070	907-619-M1003	Smart Work Zone, Portable Camera Trailer
1080	907-619-M1004	Smart Work Zone, Portable Message Board Trailer
1090	907-619-M2001	Smart Work Zone, Portable Queue Trailer, Operational Month
1100	907-619-M2002	Smart Work Zone, Portable Camera Trailer, Operational Month
1110	907-619-M2003	Smart Work Zone, Portable Message Board Trailer, Operational Month
1120	907-619-M3002	Smart Work Zone, System Monitoring, Operational Month

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904 - NOTICE TO BIDDERS NO. 4712

CODE: (SP)

DATE: 12/1/2020

SUBJECT: Temporary Transverse Joints

Bidders are hereby advised of the following transition requirements of temporary transverse joints to be placed under this project.

Roadway Type	Short Term Temporary (In place for less than 7 calendar days)	Temporary (In place for more than 7 calendar days)
Interstates & divided highways with speed limits greater than 55 MPH	Four feet (4') length for each one inch (1") of thickness	Ten feet (10') length for each one inch (1") of thickness
Other highways with speed limits less than or equal to 55 MPH	Three feet (3') length for each one inch (1") of thickness	Five feet (5') length for each one inch (1") of thickness

It is intended to place the taper as near a straight line taper as possible, but it should not vary along a straight line from the bottom to the top at any point by more than 3/16".

If the time the paper joint is in service exceeds the time threshold, the existing paper joint will be removed and the appropriate joint will be installed as directed by the Engineer.

All costs associated with placement, maintenance, and removal of temporary transverse joints will not be measured for separate payment and shall be absorbed in other items bid.

"General Decision Number: MS20230091 01/06/2023

Superseded General Decision Number: MS20220091

State: Mississippi

Construction Type: Highway

County: Itawamba County in Mississippi.

HIGHWAY CONSTRUCTION PROJECTS

Note: Contracts subject to the Davis-Bacon Act are generally required to pay at least the applicable minimum wage rate required under Executive Order 14026 or Executive Order 13658. Please note that these Executive Orders apply to covered contracts entered into by the federal government that are subject to the Davis-Bacon Act itself, but do not apply to contracts subject only to the Davis-Bacon Related Acts, including those set forth at 29 CFR 5.1(a)(2)-(60).

<p>If the contract is entered into on or after January 30, 2022, or the contract is renewed or extended (e.g., an option is exercised) on or after January 30, 2022:</p>	<ul style="list-style-type: none"> . Executive Order 14026 generally applies to the contract. . The contractor must pay all covered workers at least \$16.20 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract in 2023.
<p>If the contract was awarded on or between January 1, 2015 and January 29, 2022, and the contract is not renewed or extended on or after January 30, 2022:</p>	<ul style="list-style-type: none"> . Executive Order 13658 generally applies to the contract. . The contractor must pay all covered workers at least \$12.15 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on that contract in 2023.

The applicable Executive Order minimum wage rate will be adjusted annually. If this contract is covered by one of the Executive Orders and a classification considered necessary for performance of work on the contract does not appear on this wage determination, the contractor must still submit a conformance request.

Additional information on contractor requirements and worker protections under the Executive Orders is available at <http://www.dol.gov/whd/govcontracts>.

Modification Number Publication Date
 0 01/06/2023

SUMS2010-014 08/04/2014

	Rates	Fringes
CARPENTER (Form Work Only).....	\$ 14.13 **	0.00
CARPENTER, Excludes Form Work....	\$ 13.49 **	0.00
CEMENT MASON/CONCRETE FINISHER...	\$ 13.70 **	0.00
ELECTRICIAN.....	\$ 21.80	7.93
HIGHWAY/PARKING LOT STRIPING: Truck Driver (Line Striping Truck).....	\$ 15.48 **	0.00
INSTALLER - GUARDRAIL.....	\$ 11.51 **	0.00
IRONWORKER, REINFORCING.....	\$ 14.82 **	0.00
LABORER: Asphalt, Includes Raker, Shoveler, Spreader and Distributor.....	\$ 10.39 **	0.00
LABORER: Common or General.....	\$ 10.22 **	0.00
LABORER: Concrete Worker.....	\$ 10.69 **	0.00
LABORER: Flagger.....	\$ 8.00 **	0.00
LABORER: Grade Checker.....	\$ 12.77 **	0.00
LABORER: Landscape.....	\$ 9.83 **	0.00
LABORER: Mason Tender - Cement/Concrete.....	\$ 11.08 **	0.00
LABORER: Pipelayer.....	\$ 10.76 **	0.00
LABORER: Laborer-Cones/ Barricades/Barrels - Setter/Mover/Sweeper.....	\$ 10.38 **	0.00
OPERATOR: Asphalt Spreader.....	\$ 16.03 **	0.00
OPERATOR: Backhoe/Excavator/Trackhoe.....	\$ 13.42 **	0.00
OPERATOR: Boring Machine.....	\$ 15.14 **	0.00
OPERATOR: Broom/Sweeper.....	\$ 10.94 **	0.00
OPERATOR: Bulldozer.....	\$ 14.38 **	0.00
OPERATOR: Concrete Saw.....	\$ 15.68 **	0.00
OPERATOR: Crane.....	\$ 18.32	0.00
OPERATOR: Distributor.....	\$ 12.59 **	0.00
OPERATOR: Drill.....	\$ 19.22	0.00
OPERATOR: Grader/Blade.....	\$ 14.13 **	0.00
OPERATOR: Loader.....	\$ 11.05 **	0.00

OPERATOR: Mechanic.....	\$ 16.00 **	0.00
OPERATOR: Milling Machine.....	\$ 15.12 **	0.00
OPERATOR: Oiler.....	\$ 12.33 **	0.00
OPERATOR: Paver (Asphalt, Aggregate, and Concrete).....	\$ 16.47	0.00
OPERATOR: Piledriver.....	\$ 15.13 **	0.00
OPERATOR: Roller (All Types)....	\$ 11.54 **	0.00
OPERATOR: Scraper.....	\$ 13.15 **	0.00
OPERATOR: Tractor.....	\$ 10.22 **	0.00
OPERATOR: Trencher.....	\$ 15.00 **	0.00
TRUCK DRIVER: Flatbed Truck.....	\$ 13.79 **	0.00
TRUCK DRIVER: Lowboy Truck.....	\$ 11.00 **	0.00
TRUCK DRIVER: Mechanic.....	\$ 14.23 **	0.00
TRUCK DRIVER: Off the Road Truck.....	\$ 12.29 **	0.00
TRUCK DRIVER: Water Truck.....	\$ 10.58 **	0.00
TRUCK DRIVER: Dump Truck (All Types).....	\$ 10.49 **	0.00
TRUCK DRIVER: Semi/Trailer Truck.....	\$ 15.81 **	0.00

WELDERS - Receive rate prescribed for craft performing operation to which welding is incidental.

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** Workers in this classification may be entitled to a higher minimum wage under Executive Order 14026 (\$16.20) or 13658 (\$12.15). Please see the Note at the top of the wage determination for more information.

Note: Executive Order (EO) 13706, Establishing Paid Sick Leave for Federal Contractors applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2017. If this contract is covered by the EO, the contractor must provide employees with 1 hour of paid sick leave for every 30 hours they work, up to 56 hours of paid sick leave each year. Employees must be permitted to use paid sick leave for their own illness, injury or other health-related needs, including preventive care; to assist a family member (or person who is like family to the employee) who is ill, injured, or has other health-related needs, including preventive care; or for reasons resulting from, or to assist a family member (or person who is like family to the employee) who is a victim of, domestic violence, sexual assault, or stalking. Additional information on contractor requirements and worker protections under the EO is available at <https://www.dol.gov/agencies/whd/government-contracts>.

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)).

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 a union rate (current union negotiated rate for local), a survey rate (weighted average rate) or a union average rate (weighted union average rate).

Union Rate Identifiers

A four letter classification abbreviation identifier enclosed in dotted lines beginning with characters other than ""SU"" or ""UAVG"" denotes that the union classification and rate were prevailing for that classification in the survey. Example: PLUM0198-005 07/01/2014. PLUM is an abbreviation identifier of the union which prevailed in the survey for this classification, which in this example would be Plumbers. 0198 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. 07/01/2014 is the effective date of the most current negotiated rate, which in this example is July 1, 2014.

Union prevailing wage rates are updated to reflect all rate changes in the collective bargaining agreement (CBA) governing this classification and rate.

Survey Rate Identifiers

Classifications listed under the ""SU"" identifier indicate that no one rate prevailed for this classification in the survey and the published rate is derived by computing a weighted average rate based on all the rates reported in the survey for that classification. As this weighted average rate includes all rates reported in the survey, it may include both union and non-union rates. Example: SULA2012-007 5/13/2014. SU indicates the rates are survey rates based on a weighted average calculation of rates and are not majority rates. LA indicates the State of Louisiana. 2012 is the year of survey on which these classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. 5/13/2014 indicates the survey completion date for the classifications and rates under that identifier.

Survey wage rates are not updated and remain in effect until a new survey is conducted.

Union Average Rate Identifiers

Classification(s) listed under the UAVG identifier indicate that no single majority rate prevailed for those classifications; however, 100% of the data reported for the classifications was union data. EXAMPLE: UAVG-OH-0010

08/29/2014. UAVG indicates that the rate is a weighted union average rate. OH indicates the state. The next number, 0010 in the example, is an internal number used in producing the wage determination. 08/29/2014 indicates the survey completion date for the classifications and rates under that identifier.

A UAVG rate will be updated once a year, usually in January of each year, to reflect a weighted average of the current negotiated/CBA rate of the union locals from which the rate is based.

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 National Office because National Office has 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 DECISIO"

Interchange Improvements of SR 25 / I-22 from the beginning of the 4-Lane Section south of Fulton to just north of Country Club Road, known as Federal Aid Project No. NHPP-0040-02(038) / 107781302 in Itawamba County.

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
Roadway Items					
0010	201-B001		2	Acre	Clearing and Grubbing
0020	202-B006		667	Square Yard	Removal of Asphalt Paved Shoulders, All Depths For Ramp Shoulders
0030	202-B007		2,740	Square Yard	Removal of Asphalt Pavement, All Depths
0040	202-B059		1,565	Square Yard	Removal of Concrete Median & Island Pavement, All Depths
0050	202-B063		230	Square Yard	Removal of Concrete Paved Ditch
0060	202-B092		2,570	Linear Feet	Removal of Curb, All Types
0070	202-B165		5	Each	Removal of Inlets, All Sizes
0080	202-B191		12	Linear Feet	Removal of Pipe, 8" And Above
0090	202-B217		21	Each	Removal of Sign Post and Footing
0100	202-B229		1,244	Square Yard	Removal of Soil Cement, All Depths
0110	202-B239		3	Each	Removal of Traffic Signal
0120	202-B240		10,000	Linear Feet	Removal of Traffic Stripe
0130	203-EX020	(E)	22,149	Cubic Yard	Borrow Excavation, AH, FME, Class B9
0140	203-G001	(E)	5,000	Cubic Yard	Excess Excavation, FM, AH
0150	206-A001	(S)	258	Cubic Yard	Structure Excavation
0160	206-B001	(E)	100	Cubic Yard	Select Material for Undercuts, Contractor Furnished, FM
0170	209-A005		16,720	Square Yard	Geotextile Stabilization, Type V, Non-Woven
0180	211-B001	(E)	1,000	Cubic Yard	Topsoil for Slope Treatment, Contractor Furnished
0190	213-C001		5	Ton	Superphosphate
0200	216-A001		344	Square Yard	Solid Sodding
0210	219-A001		7	Thousand Gallon	Watering [\$20.00]
0220	220-A001		10	Acre	Insect Pest Control [\$30.00]
0230	221-A001	(S)	59	Cubic Yard	Concrete Paved Ditch
0240	223-A001		20	Acre	Mowing [\$50.00]
0250	225-A001		10	Acre	Grassing
0260	225-B001		5	Ton	Agricultural Limestone
0270	225-C001		20	Ton	Mulch, Vegetative Mulch
0280	226-A001		10	Acre	Temporary Grassing
0290	237-A002		320	Linear Feet	Wattles, 20"
0300	239-A001		500	Linear Feet	Temporary Slope Drains
0310	245-A001		200	Linear Feet	Silt Dike
0320	246-B002		200	Linear Feet	Rockbags

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
0330	249-A001		10	Ton	Riprap for Erosion Control
0340	249-B001		30	Cubic Yard	Remove and Reset Riprap
0350	304-B001	(GT)	5,254	Ton	Granular Material, Class 3, Group C
0360	403-A001	(BA1)	708	Ton	12.5-mm, HT, Asphalt Pavement
0370	403-A004	(BA1)	1,063	Ton	19-mm, HT, Asphalt Pavement
0380	403-A006	(BA1)	1,640	Ton	19-mm, ST, Asphalt Pavement
0390	403-A013	(BA1)	4,414	Ton	9.5-mm, HT, Asphalt Pavement
0400	406-B001		320	Square Yard	Cold Milling of Concrete Pavement, All Depths Bridge End Pavement
0410	406-D001		5,500	Square Yard	Fine Milling of Bituminous Pavement, All Depths
0420	407-A001	(A2)	4,770	Gallon	Asphalt for Tack Coat
0430	503-C010		3,000	Linear Feet	Saw Cut, Full Depth
0440	601-B001	(S)	30	Cubic Yard	Class "B" Structural Concrete, Minor Structures
0450	602-A001	(S)	2,068	Pounds	Reinforcing Steel
0460	603-ALT003	(S)	500	Linear Feet	18" Type A Alternate Pipe
0470	603-CA011	(S)	16	Linear Feet	18" Reinforced Concrete Pipe, Class III
0480	603-CA076	(S)	8	Linear Feet	48" Reinforced Concrete Pipe, Class III
0490	603-CB003	(S)	2	Each	18" Reinforced Concrete End Section
0500	603-CB008	(S)	1	Each	48" Reinforced Concrete End Section
0510	603-CE002	(S)	8	Linear Feet	22" x 13" Concrete Arch Pipe, Class A III
0520	604-A001		1,457	Pounds	Castings
0530	604-B001		1,881	Pounds	Gratings
0540	609-D004	(S)	4,854	Linear Feet	Combination Concrete Curb and Gutter Type 2 Modified
0550	609-D012	(S)	3,918	Linear Feet	Combination Concrete Curb and Gutter Type 3A Modified
0560	616-A001	(S)	503	Square Yard	Concrete Median and/or Island Pavement, 10-inch
0570	616-A004	(S)	3,171	Square Yard	Concrete Median and/or Island Pavement, 4-inch
0580	618-A001		1	Lump Sum	Maintenance of Traffic
0590	619-A1002		14,911	Linear Feet	Temporary Traffic Stripe, Continuous White
0600	619-A1005		1,125	Linear Feet	Temporary Traffic Stripe, Continuous White, Type 1 Tape
0610	619-A2002		16,520	Linear Feet	Temporary Traffic Stripe, Continuous Yellow
0620	619-A2006		1,750	Linear Feet	Temporary Traffic Stripe, Continuous Yellow, Type 1 Tape
0630	619-A5001		46,810	Linear Feet	Temporary Traffic Stripe, Detail
0640	619-A6001		1,390	Square Feet	Temporary Traffic Stripe, Legend
0650	619-A6002		2,864	Linear Feet	Temporary Traffic Stripe, Legend
0660	619-C6001		745	Each	Red-Clear Reflective High Performance Raised Marker

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
0670	619-D1001		140	Square Feet	Standard Roadside Construction Signs, Less than 10 Square Feet
0680	619-D2001		1,010	Square Feet	Standard Roadside Construction Signs, 10 Square Feet or More
0690	619-F1001		972	Linear Feet	Concrete Median Barrier, Precast
0700	619-G4001		48	Linear Feet	Barricades, Type III, Double Faced
0710	619-G4005		156	Linear Feet	Barricades, Type III, Single Faced
0720	619-G5001		475	Each	Free Standing Plastic Drums
0730	619-G7001		19	Each	Warning Lights, Type "B"
0740	619-H1001		1	Lump Sum	Traffic Signals
0750	619-J1003		2	Each	Impact Attenuator, 50 MPH
0760	619-J2003		2	Each	Impact Attenuator, 50 MPH, Replacement Package
0770	620-A001		1	Lump Sum	Mobilization
0780	626-A002		6,259	Linear Feet	6" Thermoplastic Double Drop Traffic Stripe, Skip White
0790	626-C001		6,274	Linear Feet	6" Thermoplastic Double Drop Edge Stripe, Continuous White
0800	626-D002		80	Linear Feet	6" Thermoplastic Double Drop Traffic Stripe, Skip Yellow
0810	626-E002		2,394	Linear Feet	6" Thermoplastic Double Drop Traffic Stripe, Continuous Yellow
0820	626-F002		4,629	Linear Feet	6" Thermoplastic Double Drop Edge Stripe, Continuous Yellow
0830	626-G004		17,489	Linear Feet	Thermoplastic Double Drop Detail Stripe, White
0840	626-G005		4,100	Linear Feet	Thermoplastic Double Drop Detail Stripe, Yellow
0850	626-H001		1,302	Square Feet	Thermoplastic Double Drop Legend, White
0860	626-H002		2,144	Linear Feet	Thermoplastic Double Drop Legend, White
0870	627-J001		31	Each	Two-Way Clear Reflective High Performance Raised Markers
0880	627-K001		445	Each	Red-Clear Reflective High Performance Raised Markers
0890	627-L001		95	Each	Two-Way Yellow Reflective High Performance Raised Markers
0900	630-A001		104	Square Feet	Standard Roadside Signs, Sheet Aluminum, 0.080" Thickness
0910	630-A003		407	Square Feet	Standard Roadside Signs, Sheet Aluminum, 0.125" Thickness
0920	630-A005		33	Square Feet	Standard Roadside Signs, Sheet Aluminum, 0.1" Thickness
0930	630-B002		219	Square Feet	Interstate Directional Signs, Bolted Extruded Aluminum Panels, Ground Mounted
0940	630-C001		282	Linear Feet	Square Tube Posts, 4.0 lb/ft
0950	630-C005		231	Linear Feet	Square Tube Posts, 2.0 lb/ft
0960	630-D008		178	Linear Feet	Structural Steel Beams, W6 x 9
0970	635-A059		22	Each	Traffic Signal Head, Type 1
0980	635-A061		2	Each	Traffic Signal Head, Type 2
0990	635-A065		6	Each	Traffic Signal Head, Type 2 FYA

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
1000	635-A070		6	Each	Traffic Signal Head, Type 3
1010	699-A001		1	Lump Sum	Roadway Construction Stakes
1020	815-F002	(S)	50	Ton	Sediment Control Stone
1030	907-234-A001		10,000	Linear Feet	Temporary Silt Fence
1040	907-234-D001		10	Each	Inlet Siltation Guard
1050	907-619-E3001		2	Each	Changeable Message Sign
1060	907-619-M1002		4	Each	Smart Work Zone, Portable Queue Trailer
1070	907-619-M1003		1	Each	Smart Work Zone, Portable Camera Trailer
1080	907-619-M1004		3	Each	Smart Work Zone, Portable Message Board Trailer
1090	907-619-M2001		8	Each	Smart Work Zone, Portable Queue Trailer, Operational Month
1100	907-619-M2002		8	Each	Smart Work Zone, Portable Camera Trailer, Operational Month
1110	907-619-M2003		8	Each	Smart Work Zone, Portable Message Board Trailer, Operational Month
1120	907-619-M3002		8	Each	Smart Work Zone, System Monitoring, Operational Month
1130	907-632-A010		4	Each	Solid State Traffic Cabinet Assembly, Type IV Cabinet, Type 1 Controller
1140	907-632-J001		4	Each	Power Service Pedestal
1150	907-633-A001		4	Each	Uninterruptable Power Supply
1160	907-634-A050		1	Each	Traffic Signal Equipment Pole, Type II(L), 30' Shaft, 70' Arm
1162	907-634-A052		1	Each	Traffic Signal Equipment Pole, Type II(L), 30' Shaft, 80' Arm
1180	907-634-A081		1	Each	Traffic Signal Equipment Pole, Type II, 17' Shaft, 35' Arm
1190	907-634-A083		3	Each	Traffic Signal Equipment Pole, Type II, 17' Shaft, 45' Arm
1200	907-634-A088		1	Each	Traffic Signal Equipment Pole, Type II, 17' Shaft, 60' Arm
1220	907-634-A090		2	Each	Traffic Signal Equipment Pole, Type II, 17' Shaft, 70' Arm
1222	907-634-A130		1	Each	Traffic Signal Equipment Pole, Type II, 30' Shaft, 65' Arm
1230	907-634-A257		1	Each	Traffic Signal Equipment Pole, Type III(L), 30' Shaft, 40' & 55' Arm
1240	907-634-A394		1	Each	Traffic Signal Equipment Pole, Type III, 17' Shaft, 45' & 65' Arm
1250	907-634-C001		34	Cubic Yard	Pole Foundations, Class "B" Concrete
1260	907-634-D002		20	Linear Feet	Slip Casing, 30" Diameter
1270	907-634-D003		24	Linear Feet	Slip Casing, 36" Diameter
1280	907-636-B016		3,675	Linear Feet	Electric Cable, Underground in Conduit, IMSA 20-1, AWG 14, 8 Conductor
1290	907-636-B027		400	Linear Feet	Electric Cable, Underground in Conduit, IMSA 20-1, AWG 8, 2 Conductor
1300	907-637-A002		10	Each	Pullbox Enclosure, Type 2
1310	907-637-A003		6	Each	Pullbox Enclosure, Type 3
1320	907-637-C028		388	Linear Feet	Traffic Signal Conduit, Underground, Type 4, 2"
1330	907-637-C030		192	Linear Feet	Traffic Signal Conduit, Underground, Type 4, 3"

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
1340	907-637-D003		1,030	Linear Feet	Traffic Signal Conduit, Underground Drilled or Jacked, Rolled Pipe, 3"
1350	907-639-B001		14	Each	Type 1 Optical Detector
1360	907-639-C001		3,015	Linear Feet	Type 1 Optical Detector Cable
1370	907-639-D001		4	Each	Multimode Phase Selector
1380	907-641-A002		14	Each	Signal Stop Bar Radar Vehicle Detection Sensor, Type 2
1390	907-641-B002		8	Each	Signal Advanced Radar Vehicle Detection Sensor, Type 2
1400	907-641-D001		1,525	Linear Feet	Radar Vehicle Detection Cable
1410	907-650-A002		6	Each	On Street Video Equipment, Fixed Type
1420	907-650-A003		6	Each	On Street Video Equipment, PTZ Type
1430	907-653-A001		60	Square Feet	Traffic Sign
1440	907-662-D002		4	Each	Radio Interconnect, Broadband, Short Range
1450	907-663-A002		4	Each	Network Switch, Type B
1460	907-663-D001		1,499	Linear Feet	Category 6 Cable, Installed in Conduit
ALTERNATE GROUP AA NUMBER 1					
1470	304-F001	(GT)	6,277	Ton	3/4" and Down Crushed Stone Base
ALTERNATE GROUP AA NUMBER 2					
1480	304-F002	(GT)	6,277	Ton	Size 610 Crushed Stone Base
ALTERNATE GROUP AA NUMBER 3					
1490	304-F003	(GT)	6,277	Ton	Size 825B Crushed Stone Base
ALTERNATE GROUP BB NUMBER 1					
1500	907-624-A002		747	Linear Feet	6" Inverted Profile Thermoplastic Traffic Stripe, Skip White
1510	907-624-B002		747	Linear Feet	6" Inverted Profile Thermoplastic Traffic Stripe, Continuous White
1520	907-624-D002		747	Linear Feet	6" Inverted Profile Thermoplastic Traffic Stripe, Continuous Yellow
ALTERNATE GROUP BB NUMBER 2					
1530	628-G001		747	Linear Feet	6" High Performance Cold Plastic Traffic Stripe, Skip White
1540	628-H001		747	Linear Feet	6" High Performance Cold Plastic Traffic Stripe, Continuous White
1550	628-J001		747	Linear Feet	6" High Performance Cold Plastic Traffic Stripe, Continuous Yellow

ADDENDUM

DESCRIPTION OF SHEET

TITLE SHEET (1)

DETAILED INDEX AND GENERAL NOTES SHEETS (6)

- DETAILED INDEX - ROADWAY
- DETAILED INDEX - ROADWAY
- DETAILED INDEX - ROADWAY
- GENERAL NOTES
- GENERAL NOTES
- GENERAL NOTES

TYPICAL SECTION SHEETS (21)

- TYPICAL SECTION - MAINLINE
- TYPICAL SECTION - MAINLINE
- TYPICAL SECTION - MAINLINE
- TYPICAL SECTION - MAINLINE
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- TYPICAL SECTION - MAINLINE
- TYPICAL SECTION - MAINLINE
- TYPICAL SECTION - MAINLINE
- TYPICAL SECTION - PIERCE TOWN ROAD
- TYPICAL SECTION - PIERCE TOWN ROAD
- TYPICAL SECTION - SOUTHWEST RAMP
- TYPICAL SECTION - SOUTHWEST RAMP
- TYPICAL SECTION - SOUTHWEST RAMP
- TYPICAL SECTION - NORTHWEST RAMP
- TYPICAL SECTION - NORTHWEST RAMP
- TYPICAL SECTION - NORTHWEST RAMP
- TYPICAL SECTION - NORTHWEST RAMP
- TYPICAL SECTION - NORTHWEST RAMP
- TYPICAL SECTION - COUNTRY CLUB ROAD
- TYPICAL SECTION - ACCESS ROAD

SUMMARY OF QUANTITY SHEETS (4)

- SUMMARY OF QUANTITIES
- SUMMARY OF QUANTITIES
- SUMMARY OF QUANTITIES
- SUMMARY OF QUANTITIES

ESTIMATED QUANTITY SHEETS (11)

- ESTIMATED QUANTITY - DRAINAGE STRUCTURES & JUNCTION BOX
- ESTIMATED QUANTITY - EARTHWORK
- ESTIMATED QUANTITY - REMOVAL ITEMS
- ESTIMATED QUANTITY - EROSION CONTROL
- ESTIMATED QUANTITY - PAVEMENT MARKING
- ESTIMATED QUANTITY - CONSTRUCTION SIGNING
- ESTIMATED QUANTITY - TRAFFIC CONTROL
- ESTIMATED QUANTITY - STANDARD ROADSIDE SIGNS
- ESTIMATED QUANTITY - STANDARD ROADSIDE SIGNS
- ESTIMATED QUANTITY - DIRECTIONAL SIGNS
- ESTIMATED QUANTITY - TRAFFIC SIGNALS

WK. SH.

NO. 1

- DI-1
- DI-2
- DI-3
- GN-1
- GN-2
- GN-3

- TS-1
- TS-2
- TS-3
- TS-4
- TS-5
- TS-6
- TS-7
- TS-8
- TS-9
- TS-10
- TS-11
- TS-12
- TS-13
- TS-14
- TS-15
- TS-16
- TS-17
- TS-18
- TS-19
- TS-20
- TS-21

- SQ-1
- SQ-2
- SQ-3
- SQ-4

- EQ-1
- EQ-2
- EQ-3
- EQ-4
- EQ-5
- EQ-6
- EQ-7
- EQ-8
- EQ-9
- EQ-10
- EQ-11

DESCRIPTION OF SHEET

PLAN & PROFILE SHEETS (11)

- SR 25 MAINLINE - STA. 68+07.710 TO STA. 100+00.00
- SR 25 MAINLINE - STA. 68+07.710 TO STA. 100+00.00
- PIERCE TOWN ROAD
- SOUTHWEST RAMP
- SOUTHEAST RAMP
- SR 25 MAINLINE - STA. 100+00.00 TO STA. 130+00.00
- SR 25 MAINLINE - STA. 100+00.00 TO STA. 130+00.00
- NORTHWEST RAMP
- NORTHEAST RAMP
- ACCESS ROAD
- COUNTRY CLUB ROAD

SPECIAL DESIGN SHEETS (81)

INTERSECTION DETAIL SHEETS (4)

- INTERSECTION DETAIL - SR 25 AT PIERCE TOWN RD.
- INTERSECTION DETAIL - SR 25 AT SW AND SE RAMPS
- INTERSECTION DETAIL - SR 25 AT NW AND NE RAMPS
- INTERSECTION DETAIL - SR 25 AT ACCESS RD AND COUNTRY CLUB RD

PAVEMENT MARKING SHEETS (5)

- PAVEMENT MARKING - SR 25
- PAVEMENT MARKING - SR 25
- PAVEMENT MARKING - SR 25
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- PAVEMENT MARKING - SR 25

FORM GRADE SHEETS (7)

- FORM GRADE - SR 25
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MICHAEL BAKER INTERNATIONAL	
PS & E PLANS-DATE:	9/01/22
FMS CON.: 107781 / 302000	
REVISIONS	
DATE	SHEET NO. BY
1-12-23	32, 43, 2002 KJC

BY	REVISION

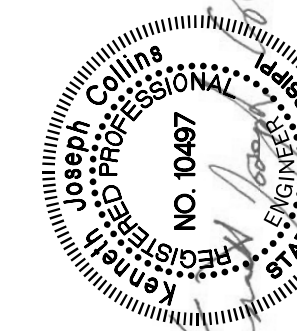
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DETAILED INDEX

SR 25 / I-22 SAFETY INTERCHANGE IMPROVEMENTS

PROJ. NO.: NHPP-0040-02(038)

COUNTY: ITAWAMBA



WORKING NUMBER	DI-1
SHEET NUMBER	2

Date: 9/01/22

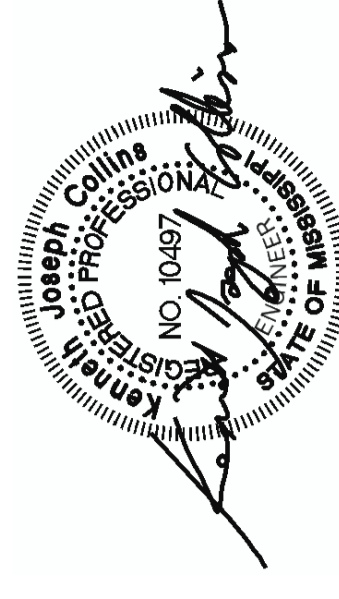
ADDENDUM

STATE	PROJECT NO.
MISS	NHPP-0040-02(038)

① TO BE USED AT THE DISCRETION OF THE PROJECT ENGINEER IF NEEDED FOR MAST ARM AND FOUNDATION.

PAY ITEM NO.	PAY ITEM	UNIT	ITAWAMBA : 107781-302000	
			Prelim	Final
907-632-A010	Solid State Traffic Cabinet Assembly, Type IV Cabinet, Type 1 Contoller	EA	4	
907-632-J001	Power Service Pedestal	EA	4	
907-633-A001	Uninterruptable Power Supply	EA	4	
907-634-A050	Traffic Signal Equipment Pole, Type II(L), 30' Shaft, 70' Arm	EA	1	
907-634-A052	Traffic Signal Equipment Pole, Type II(L), 30' Shaft, 80' Arm	EA	1	
907-634-A081	Traffic Signal Equipment Pole, Type II, 17' Shaft, 35' Arm	EA	1	
907-634-A083	Traffic Signal Equipment Pole, Type II, 17' Shaft, 45' Arm	EA	3	
907-634-A088	Traffic Signal Equipment Pole, Type II, 17' Shaft, 60' Arm	EA	1	
907-634-A090	Traffic Signal Equipment Pole, Type II, 17' Shaft, 70' Arm	EA	2	
907-634-A130	Traffic Signal Equipment Pole, Type II, 30' Shaft, 65' Arm	EA	1	
907-634-A257	Traffic Signal Equipment Pole, Type III(L), 30' Shaft, 40' & 55' Arm	EA	1	
907-634-A394	Traffic Signal Equipment Pole, Type III, 17' Shaft, 45' & 65' Arm	EA	1	
907-634-C001	Pole Foundations, Class "B" Concrete	CY	34	
907-634-D002	Slip Casing, 30" Diameter	LF	20	
907-634-D003	Slip Casing, 36" Diameter	LF	24	
635-A059	Traffic Signal Head, Type 1	EA	22	
635-A061	Traffic Signal Head, Type 2	EA	2	
635-A065	Traffic Signal Head, Type 2 FYA	EA	6	
635-A070	Traffic Signal Head, Type 3	EA	6	
907-636-B016	Electric Cable, Underground in Conduit, IMSA 20-1, AWG 14, 8 Conductor	LF	3,675	
907-636-B027	Electric Cable, Underground in Conduit, IMSA 20-1, AWG 8, 2 Conductor	LF	400	
907-637-A002	Pullbox Enclosure, Type 2	EA	10	
907-637-A003	Pullbox Enclosure, Type 3	EA	6	
907-637-C028	Traffic Signal Conduit, Underground, Type 4, 2"	LF	388	
907-637-C030	Traffic Signal Conduit, Underground, Type 4, 3"	LF	192	
907-637-D003	Traffic Signal Conduit, Underground Drilled or Jacked, Rolled Pipe, 3"	LF	1,030	
907-639-B001	Type 1 Optical Detector	EA	14	
907-639-C001	Type 1 Optical Detector Cable	LF	3,015	
907-639-D001	Multimode Phase Selector	EA	4	
907-641-A002	Signal Stop Bar Radar Vehicle Detection Sensor, Type 2	EA	14	
907-641-B002	Signal Advanced Radar Vehicle Detection Sensor, Type 2	EA	8	
907-641-D001	Radar Vehicle Detection Cable	LF	1,525	
907-650-A002	On Street Video Equipment, Fixed Type	EA	6	
907-650-A003	On Street Video Equipment, PTZ Type	EA	6	
907-653-A001	Traffic Sign	SF	60	
907-662-D002	Radio Interconnect, Broadband, Short Range	EA	4	
907-663-A002	Network Switch, Type B	EA	4	
907-663-D001	Category 6 Cable, Installed in Conduit	LF	1,499	
699-A001	Roadway Construction Stakes	LS	1	
815-F002	Sediment Control Stone	TON	50	

SUMMARY OF QUANTITIES (SHEET 4)



Date: 1/12/23

MISSISSIPPI DEPARTMENT OF TRANSPORTATION SUMMARY OF QUANTITIES	
REVISION	DATE
QUANTITIES	WE
DESIGN TEAM	Michael Baker Intl.
Checked	KJC
Date	2022
Working Number	SQ-4
Sheet Number	32
PROJ NO:	NHPP-0040-02(038)
COUNTY:	ITAWAMBA
FILENAME:	SQS-1

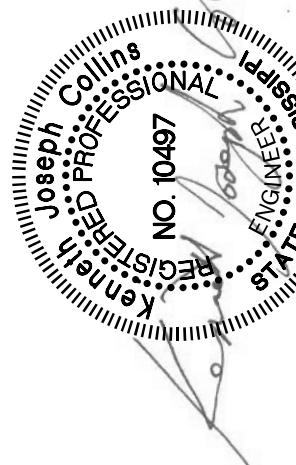
ADDENDUM

ESTIMATED TRAFFIC SIGNAL & ITS QUANTITIES		TSI 1:		TSI 2:		TSI 3:		TSI 4:		PROJECT TOTALS	
ITEM NO.	DESCRIPTION	UNITS	ESTIMATED	ESTIMATED	ESTIMATED	ESTIMATED	ESTIMATED	ESTIMATED	ESTIMATED	ESTIMATED	ESTIMATED
619-HI001	TRAFFIC SIGNALS	LS	-	1	-	-	-	-	-	1	1
907-632-A010	SOLID STATE TRAFFIC CABINET ASSEMBLY, TYPE IV CABINET, TYPE I CONTROLLER	EA	1	1	1	1	1	1	1	4	4
907-632-J001	POWER SERVICE PEDESTAL	EA	1	1	1	1	1	1	1	4	4
907-633-A001	UNINTERRUPTIBLE POWER SUPPLY	EA	1	1	1	1	1	1	1	4	4
907-634-A050	TRAFFIC SIGNAL EQUIPMENT POLE, TYPE II(L), 30' SHAFT, 70' ARM	EA	-	1	-	-	-	1	1	1	1
907-634-A052	TRAFFIC SIGNAL EQUIPMENT POLE, TYPE II(L), 30' SHAFT, 80' ARM	EA	1	1	-	-	-	-	-	1	1
907-634-A081	TRAFFIC SIGNAL EQUIPMENT POLE, TYPE II, 17' SHAFT, 35' ARM	EA	1	1	-	-	-	-	-	1	1
907-634-A083	TRAFFIC SIGNAL EQUIPMENT POLE, TYPE II, 17' SHAFT, 45' ARM	EA	1	1	-	-	-	-	-	3	3
907-634-A088	TRAFFIC SIGNAL EQUIPMENT POLE, TYPE II, 17' SHAFT, 60' ARM	EA	-	1	-	-	-	-	-	1	1
907-634-A090	TRAFFIC SIGNAL EQUIPMENT POLE, TYPE II, 17' SHAFT, 70' ARM	EA	1	1	-	-	-	-	-	2	2
907-634-A130	TRAFFIC SIGNAL EQUIPMENT POLE, TYPE II, 30' SHAFT, 65' ARM	EA	-	1	-	-	-	-	-	1	1
907-634-A257	TRAFFIC SIGNAL EQUIPMENT POLE, TYPE III (L), 30' SHAFT, 40' & 55' ARM	EA	-	1	-	-	-	-	-	1	1
907-634-A394	TRAFFIC SIGNAL EQUIPMENT POLE, TYPE III, 17' SHAFT, 45' & 65' ARM	EA	-	1	-	-	-	-	-	1	1
907-634-C001	POLE FOUNDATIONS, CLASS "B" CONCRETE	CY	10	7	7	7	7	10	10	34	34
907-634-D002	SLIP CASING, 30" DIAMETER	LF	-	1	-	-	-	-	-	20	20
907-634-D003	SLIP CASING, 36" DIAMETER	LF	-	1	-	-	-	-	-	24	24
635-A059	TRAFFIC SIGNAL HEADS, TYPE 1	LF	6	5	5	5	5	6	6	22	22
635-A061	TRAFFIC SIGNAL HEADS, TYPE 2	LF	-	1	-	-	-	1	1	2	2
635-A065	TRAFFIC SIGNAL HEADS, TYPE 2 FYA	LF	2	1	1	1	1	2	2	6	6
635-A070	TRAFFIC SIGNAL HEADS, TYPE 3	LF	2	1	1	1	1	2	2	6	6
907-636-B016	ELECTRIC CABLE, UNDERGROUND IN CONDUIT, IMSA 20-1, AWG 14, 8 CONDUCTOR	CY	977	1,023	501	501	501	1,174	1,174	3,675	3,675
907-636-B027	ELECTRIC CABLE, UNDERGROUND IN CONDUIT, IMSA 20-1, AWG 8, 2 CONDUCTOR	CY	100	100	100	100	100	100	100	400	400
907-637-A002	PULL BOX ENCLOSURE, TYPE 2	EA	3	2	2	2	2	3	3	10	10
907-637-A003	PULL BOX ENCLOSURE, TYPE 3	EA	1	2	1	1	1	2	2	6	6
907-637-C028	TRAFFIC SIGNAL CONDUIT, UNDERGROUND, TYPE 4, 2"	LF	130	84	72	72	72	102	102	388	388
907-637-C030	TRAFFIC SIGNAL CONDUIT, UNDERGROUND, TYPE 4, 3"	EA	45	69	36	36	36	42	42	192	192
907-637-D003	TRAFFIC SIGNAL CONDUIT, UNDERGROUND DRILLED OR JACKED, ROLLED PIPE, 3"	EA	395	158	214	214	214	263	263	1,030	1,030
907-639-B001	TYPE I OPTICAL DETECTOR	EA	4	3	3	3	3	4	4	14	14
907-639-C001	TYPE I OPTICAL DETECTOR CABLE	LF	542	957	443	443	443	1,073	1,073	3,015	3,015
907-639-D001	MULTIMODE PHASE SELECTOR	EA	1	1	1	1	1	1	1	4	4
907-641-A002	SIGNAL STOP BAR RADAR DETECTION, 1 SENSOR, TYPE 2	EA	4	3	3	3	3	4	4	14	14
907-641-B002	SIGNAL ADVANCED RADAR DETECTION, 1 SENSOR, TYPE 2	EA	2	2	2	2	2	2	2	8	8
907-641-D001	RADAR VEHICLE DETECTION CABLE	LF	197	599	197	197	197	532	532	1,525	1,525
907-650-A002	ON STREET VIDEO EQUIPMENT, FIXED TYPE	EA	0	3	3	3	3	0	0	6	6
907-650-A003	ON STREET VIDEO EQUIPMENT, PTZ TYPE	EA	1	2	2	2	2	1	1	6	6
907-653-A001	TRAFFIC SIGN	SF	24	6	6	6	6	24	24	60	60
907-662-D002	RADIO INTERCONNECT, BROADBAND, SHORT RANGE	EA	1	1	1	1	1	1	1	4	4
907-663-A002	NETWORK SWITCH, TYPE B	EA	1	1	1	1	1	1	1	4	4
907-663-D001	CATEGORY 6 CABLE, INSTALLED IN CONDUIT	LF	134	891	275	275	275	199	199	1,499	1,499

NOTE:

① FOR 907-662-D-002: MDOT TO INSTALL CSPIRE-AT&T FIBER CIRCUIT FOR COMMUNICATION TO MISSISSIPPI STATEWIDE TRAFFIC MANAGEMENT CENTER.

② 907-634-D002 AND 907-634-D003 TO BE USED AT THE DISCRETION OF THE PROJECT ENGINEER IF NEEDED FOR MAST ARM POLE FOUNDATION.



Date: 1/12/2023

1/12/23	REVISED PAY ITEMS AND QUANTITIES		
DATE	REVISION	BY	KJC

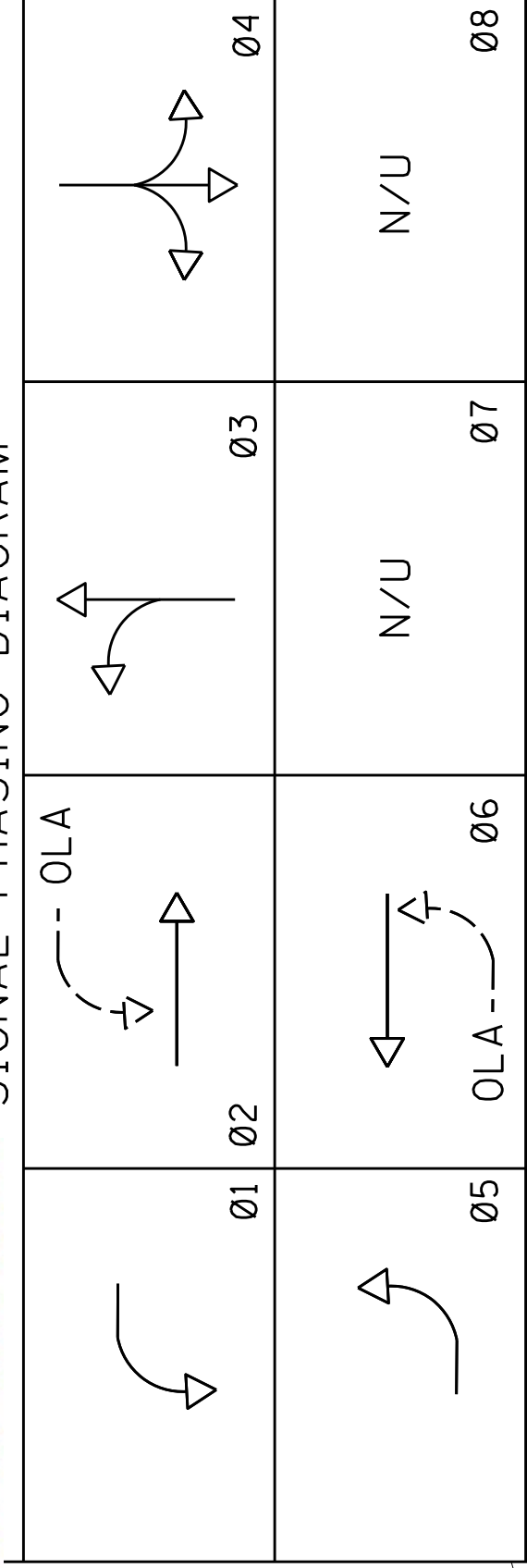
ESTIMATED QUANTITIES

SR 25 / I-22 SAFETY
 INTERCHANGE IMPROVEMENTS
 TRAFFIC SIGNALS

PROJ. NO.: NHP-0040-02(038)
 COUNTY: ITAWAMBA

MISSISSIPPI DEPARTMENT OF TRANSPORTATION
 WORKING NUMBER
EQ-11
 SHEET NUMBER
43

ADDENDUM SIGNAL PHASING DIAGRAM



MINIMUM RECALL: PHASE 2, PHASE 6
 VOLUME/DENSITY: PHASE 2, PHASE 6
 FLASHING OPERATION: PHASE 2, PHASE 6 - YELLOW
 PHASE 3 AND 4 - RED
 PHASE 1 AND 5 - FLASH RED
 EMERGENCY VEHICLE PRE-EMPTION: CH. 1: PHASE 1, PHASE 6, OLA
 CH. 2: PHASE 5, PHASE 2
 CH. 3: PHASE 3
 CH. 4: PHASE 4
 OLA = $\frac{G}{V} = 1, *CRN=2, RED 5.0$

POWER SERVICE PANEL
 TYPE IV CABINET
 TYPE I CONTROLLER
 NETWORK SWITCH, TYPE B
 BATTERY BACKUP SYSTEM

POLE #3 (80' MAST ARM)
 TYPE II SIGNAL POLE
 STA. 85+20.71 LT
 42.34' LT

POLE #4 (35' MAST ARM)
 TYPE II SIGNAL POLE
 STA. 86+44.14 LT
 57.21' LT

1-8c
 1-ODC

1-8c
 1-RDC
 1-ODC

POLE #2 (45' MAST ARM)
 TYPE II SIGNAL POLE
 STA. 85+41.70 RT
 37.56' RT

1-8c
 1-ODC

POLE #1 (70' MAST ARM)
 TYPE II SIGNAL POLE
 STA. 86+23.08 RT
 34.84' RT

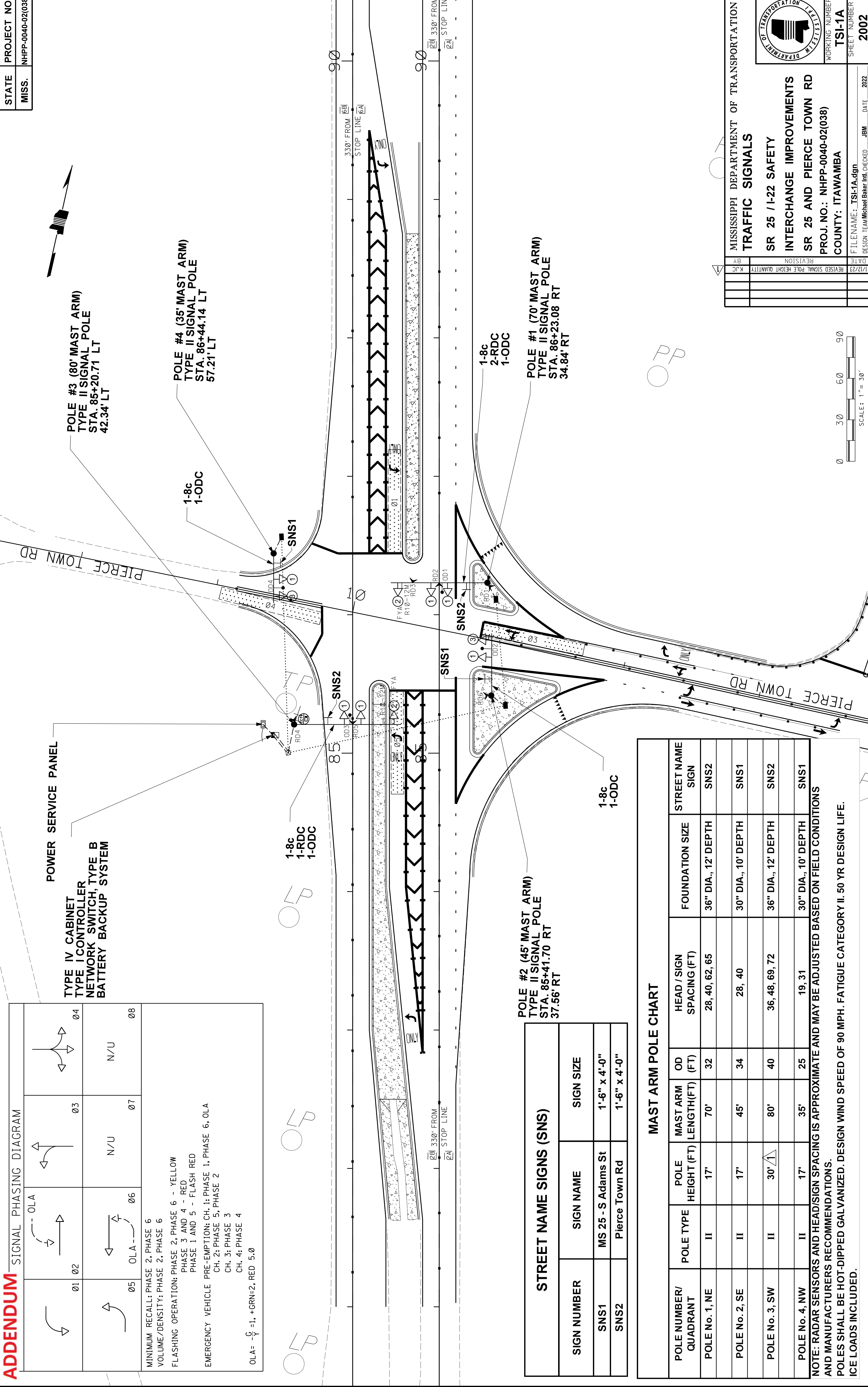
1-8c
 2-RDC
 1-ODC

SIGN NUMBER	SIGN NAME	SIGN SIZE
SNS1	MS 25 - S Adams St	1'-6" x 4'-0"
SNS2	Pierce Town Rd	1'-6" x 4'-0"

MAST ARM POLE CHART

POLE NUMBER/ QUADRANT	POLE TYPE	POLE HEIGHT (FT)	MAST ARM LENGTH (FT)	OD (FT)	HEAD / SIGN SPACING (FT)	FOUNDATION SIZE	STREET NAME SIGN
POLE No. 1, NE	II	17'	70'	32	28, 40, 62, 65	36" DIA., 12' DEPTH	SNS2
POLE No. 2, SE	II	17'	45'	34	28, 40	30" DIA., 10' DEPTH	SNS1
POLE No. 3, SW	II	30' Δ	80'	40	36, 48, 69, 72	36" DIA., 12' DEPTH	SNS2
POLE No. 4, NW	II	17'	35'	25	19, 31	30" DIA., 10' DEPTH	SNS1

NOTE: RADAR SENSORS AND HEAD/SIGN SPACING IS APPROXIMATE AND MAY BE ADJUSTED BASED ON FIELD CONDITIONS AND MANUFACTURERS RECOMMENDATIONS.
 POLES SHALL BE HOT-DIPPED GALVANIZED. DESIGN WIND SPEED OF 90 MPH. FATIGUE CATEGORY II. 50 YR DESIGN LIFE. ICE LOADS INCLUDED.



MISSISSIPPI DEPARTMENT OF TRANSPORTATION
TRAFFIC SIGNALS
 SR 25 / I-22 SAFETY
 INTERCHANGE IMPROVEMENTS
 SR 25 AND PIERCE TOWN RD
 PROJ. NO.: NHPP-0040-02(038)
 COUNTY: ITAWAMBA

DATE	REVISION	BY
1/12/23	REVISED SIGNAL POLE HEIGHT QUANTITY	KJC

WORKING NUMBER: **TSI-1A**
 SHEET NUMBER: **2002**

FILENAME: TSI-1A.dgn
 DESIGN TEAM: Michael Baker Intl. CHECKED: JBM DATE: 2022

