

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>8/7/2026</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 8125; Added NTB Nos. 8307, 8308, 8309 & 8310; Revised Wage Rates; SP 907-405-2 replaces SP 907-405-1; Added SP 907-618-1; Revised Bid Items; Revised or Added Plan Sheet Nos. 1, 8, 32-47; Delete Progress Schedule; 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.

STP-0055-02(271)/ 108168301000 & STP-0055-02(275)/ 108168302000

Madison County(ies)

Revised 01/26/2016

**MISSISSIPPI DEPARTMENT OF TRANSPORTATION
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STP-0055-02(275)/108168302 - Madison

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PROJECT: STP-0055-02(271)/108168301 - Madison
STP-0055-02(275)/108168302 - Madison

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OF SECTION 905 AS ADDENDA)

08/06/2026 02:18 PM

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904 - NOTICE TO BIDDERS NO. 8125

CODE: (SP)

DATE: 08/07/2026

SUBJECT: Contract Time

PROJECT: STP-0055-02(271) / 108168301 & STP-0055-02(275) / 108168302
Madison County

The completion of work to be performed by the Contractor for this project will not be a specified date but shall be when all allowable working days are assessed, or any extension thereto as provided in Subsection 108.06. The working days will be as shown by the Contractor on the Expedite Bid Sheets.

It is anticipated that the Notice of Award will be issued no later than **September 08, 2026** and the effective date of the Notice to Proceed / Beginning of Contract Time will be **March 10, 2027**.

Should the Contractor request a Notice to Proceed earlier than **March 10, 2027** and it is agreeable with the Department for an early Notice to Proceed, the requested date will become the new Notice to Proceed / Beginning of Contract Time date.

Prior to beginning work, the Contractor is required to submit a Progress Schedule to the Project Engineer for review and approval.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904 - NOTICE TO BIDDERS NO. 8307

CODE: (SP)

DATE: 8/07/2026

SUBJECT: Disturbed Area

**PROJECT: STP-0055-02(271) / 108168301 & STP-0055-02(275) / 108168302
Madison County**

Bidders are advised of Notice to Bidders No. 757 and Special Provision No. 907-107-2 that limit the maximum total acreage that can be disturbed at one time to 19 acres. However, if the Contractor provides a schedule for earthwork activity by means of haul-mass diagram, narrative description of the phasing for the haul-mass diagram (including proposed acreages for each phase that includes anticipated locations for multiple crews) and any proposed commitments to help maintain embankment stability during each phase, the expansion of the 19-acre limit will be considered for a maximum disturbed acreage of no more than forty (40) acres. A written request with supporting documentation shall be submitted to the Project Engineer who will review the request before submitting it to Construction Division for approval. MDOT reserves the right to decrease the acreage requested by the Contractor based on the Contractor's erosion control performance and the complexity of the project.

Time associated with the submittal, review, and approval/denial of this change will run concurrent with the 90 days set aside in Special Provision No. 907-107-2 for the approval of the Contractor's Erosion Control Plan.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904 - NOTICE TO BIDDERS NO. 8308

CODE: (SP)

DATE: 08/07/2026

SUBJECT: Pay Item Corrections

**PROJECT: STP-0055-02(271) / 108168301 & STP-0055-02(275) / 108168302
Madison County**

Bidders are hereby advised of the following pay item corrections in the Contract Plans. The Bid Sheets are correct.

- Any reference to Pay Item No. 618-A001 is understood to mean Pay Item No. 907-618-A001.
- Any reference to Pay Item No. 619-F001 is understood to mean Pay Item No. 619-F1001.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904 - NOTICE TO BIDDERS NO. 8309

CODE: (SP)

DATE: 8/07/2026

SUBJECT: A + C Bidding

PROJECT: STP-0055-02(271) / 108168301 & STP-0055-02(275) / 108168302
Madison County

Bidders are hereby advised this project contains requirements for A + C bidding.

The bidder shall determine the total number of working days required to complete the work in the contract. The product of the total number of working days required for construction of the project in accordance with the plans and specifications (contract time), as determined by the Bidder, times the disincentive cost of **\$35,000.00 per working day** shall be added to the total bid determined from the bid items. The sum of these two amounts will be the amount used for comparison of bids. This information will be shown on the Expedite Bid Sheets.

The proposal guaranty for this project should not include the amount determined for contract time as specified above. The proposal guaranty should be for the amount of the bid items.

After the proposals are opened and read, they will be compared on the basis of the following formula:

$$X = A + C$$

Where:

X = The total amount used only for determining the lowest bid for award of Contract.

A = Total Bid - Direct and Dependent Items - This being the summation of the products of the quantities shown in the bid schedule multiplied by their respective unit prices.

C = Value of the Contract Time – This being the total working days required to complete construction of the project in accordance with the plans and specifications (contract time), as determined by the Bidder, multiplied by the disincentive cost of **\$35,000.00** per day. The value C is included for comparison of bids only and will NOT be included in any payment to the Contractor. **The total number of days entered for contract time CAN NOT EXCEED 420 Working Days.** If the Contractor enters a Contract Time of more than **420 working days**, the proposal will be considered **irregular, rejected, and returned to the bidder.**

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904 - NOTICE TO BIDDERS NO. 8310

CODE: (SP)

DATE: 08/07/2026

SUBJECT: Liquidated Damages

**PROJECT: STP-0055-02(271) / 108168301 & STP-0055-02(275) / 108168302
Madison County**

Bidders are hereby advised to disregard the values in the “Schedule of Deductions for Each Day of Overrun in Contract Time” table shown in Subsection 108.07 of the 2017 Mississippi Standard Specifications for Road and Bridge Construction.

Liquidated Damages of **\$35,000.00** per calendar day shall be applicable to each calendar day after the Contractor determined number of working days and shall continue until all work under the contract has been met.

General Decision Number: MS20260137 07/28/2026

State: Mississippi

Construction Types: Highway

Counties: Mississippi Counties of
Madison

Modification Number	Publication Date
1	05/08/2026
2	07/28/2026

ELEC0480-010 01/01/2025

	Rates	Fringes
TRAFFIC SIGNALIZATION (ELECTRICIAN).....	\$ 30.35	11.39

SUMS2010-060 08/04/2014

	Rates	Fringes
TRUCK DRIVER: SEMI/TRAILER TRUCK.....	\$ 12.50	0.00
TRUCK DRIVER: DUMP TRUCK (ALL TYPES).....	\$ 11.02	0.00
TRUCK DRIVER: WATER TRUCK.....	\$ 10.00	0.00
TRUCK DRIVER: MECHANIC.....	\$ 13.00	0.00
TRUCK DRIVER: LOWBOY TRUCK.....	\$ 12.08	0.00
TRUCK DRIVER: FLATBED TRUCK.....	\$ 14.06	0.00
OPERATOR: TRACTOR.....	\$ 10.56	0.00
OPERATOR: SCRAPER.....	\$ 12.25	0.00
OPERATOR: ROLLER (ALL TYPES).....	\$ 10.85	0.00
OPERATOR: PAVER (ASPHALT, AGGREGATE, AND CONCRETE).....	\$ 11.74	0.00
OPERATOR: OILER.....	\$ 12.35	0.00
OPERATOR: MIXER.....	\$ 14.25	0.00
OPERATOR: MILLING MACHINE.....	\$ 14.68	0.00
OPERATOR: MECHANIC.....	\$ 13.00	0.00
OPERATOR: LOADER.....	\$ 13.28	0.00
OPERATOR: GRINDING/GROOVING MACHINE.....	\$ 15.90	0.00
OPERATOR: GRADER/BLADE.....	\$ 14.28	0.00
OPERATOR: DISTRIBUTOR.....	\$ 10.95	0.00
OPERATOR: CRANE.....	\$ 15.00	0.00
OPERATOR: CONCRETE SAW.....	\$ 15.50	0.00
OPERATOR: BULLDOZER.....	\$ 13.88	0.00
OPERATOR: BROOM/SWEEPER.....	\$ 10.48	0.00
OPERATOR: BOBCAT/SKID STEER/SKID LOADER.....	\$ 11.64	0.00
OPERATOR: BACKHOE/EXCAVATOR/TRACKHOE.....	\$ 14.37	0.00
OPERATOR: ASPHALT SPREADER.....	\$ 14.71	0.00
LABORER: LABORER-CONES/ BARRICADES/BARRELS - SETTER/MOVER/SWEEPER.....	\$ 10.26	0.00
LABORER: PIPELAYER.....	\$ 13.44	0.00

LABORER: MASON TENDER - CEMENT/CONCRETE.....	\$ 11.27	0.00
LABORER: LUTEMAN.....	\$ 12.88	0.00
LABORER: FLAGGER.....	\$ 9.91	0.00
LABORER: COMMON OR GENERAL, INCLUDING ASPHALT RAKING, SHOVELING, SPREADING; AND GRADE CHECKING....	\$ 10.38	0.00
IRONWORKER, REINFORCING.....	\$ 15.52	0.00
INSTALLER - SIGN.....	\$ 11.54	0.00
INSTALLER - GUARDRAIL.....	\$ 12.07	0.00
HIGHWAY/PARKING LOT STRIPING: TRUCK DRIVER (LINE STRIPING TRUCK).....	\$ 10.86	0.00
ELECTRICIAN.....	\$ 24.04	5.87
CEMENT MASON/CONCRETE FINISHER.....	\$ 12.85	0.39
CARPENTER (FORM WORK ONLY).....	\$ 12.32	0.00

TEST

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

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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>.

Note: Executive Order 13658 generally applies to contracts subject to the Davis-Bacon Act that were awarded on or between January 1, 2015 and January 29, 2022, and that have not been renewed or extended on or after January 30, 2022. Executive Order 13658 does not apply to contracts subject only to the Davis-Bacon Related Acts regardless of when they were awarded. If a contract is subject to Executive Order 13658, the contractor must pay all covered workers at least \$13.30 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 2025. The applicable Executive Order minimum wage rate will be adjusted annually. Additional information on contractor requirements and worker protections under Executive Order 13658 is available at www.dol.gov/whd/govcontracts.

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) (iii)).

The body of each wage determination lists the classifications and wage rates that have been found to be prevailing for the type(s) of construction and geographic area covered by the wage determination. The classifications are listed in alphabetical order under rate identifiers indicating whether the particular rate is a union rate (current union negotiated rate), a survey rate, a weighted union average rate, a state adopted rate, or a supplemental classification rate.

Union Rate Identifiers

A four-letter identifier beginning with characters other than SU, UAVG, SA, or SC denotes that a union rate was prevailing for that classification in the survey. Example: PLUM0198-005 07/01/2024. PLUM is an identifier of the union whose collectively bargained rate 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. The date, 07/01/2024 in the example, is the effective date of the most current negotiated rate.

Union prevailing wage rates are updated to reflect all changes over time that are reported to WHD in the rates in the collective bargaining agreement (CBA) governing the classification.

Union Average Rate Identifiers

The UAVG identifier indicates that no single rate prevailed for those classifications, but that 100% of the data reported for the classifications reflected union rates. EXAMPLE: UAVG-OH-0010 01/01/2024. UAVG indicates that the rate is a weighted union average rate. OH indicates the State of Ohio. The next number, 0010 in the example, is an internal number used in producing the wage determination. The date, 01/01/2024 in the example, indicates the date the wage determination was updated to reflect the most current union average rate.

A UAVG rate will be updated once a year, usually in January, to reflect a weighted average of the current rates in the collective bargaining agreements on which the rate is based.

Survey Rate Identifiers

The SU identifier indicates that either a single non-union rate prevailed (as defined in 29 CFR 1.2) for this classification in the survey or that the rate was derived by computing a weighted average rate based on all the rates reported in the survey for that classification. As a weighted average rate includes all rates reported in the survey, it may include both union and non-union rates. Example: SUFL2022-007 6/27/2024. SU indicates the rate is a single non-union prevailing rate or a weighted average of survey data for that

classification. FL indicates the State of Florida. 2022 is the year of the 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. The date, 6/27/2024 in the example, indicates the survey completion date for the classifications and rates under that identifier.

SU wage rates typically remain in effect until a new survey is conducted. However, the Wage and Hour Division (WHD) has the discretion to update such rates under 29 CFR 1.6(c)(1).

State Adopted Rate Identifiers

The SA identifier indicates that the classifications and prevailing wage rates set by a state (or local) government were adopted under 29 C.F.R 1.3(g)-(h). Example: SAME2023-007 01/03/2024. SA reflects that the rates are state adopted. ME refers to the State of Maine. 2023 is the year during which the state completed the survey on which the listed classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. The date, 01/03/2024 in the example, reflects the date on which the classifications and rates under the ♦SA♦ identifier took effect under state law in the state from which the rates were adopted.

WAGE DETERMINATION APPEALS PROCESS

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

- a) a survey underlying a wage determination
- b) an existing published wage determination
- c) an initial WHD letter setting forth a position on a wage determination matter
- d) an initial conformance (additional classification and rate) determination

On survey related matters, initial contact, including requests for summaries of surveys, should be directed to the WHD Branch of Wage Surveys. Requests can be submitted via email to davisbaconinfo@dol.gov or by mail to:

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

Regarding any other wage determination matter such as conformance decisions, requests for initial decisions should be directed to the WHD Branch of Construction Wage Determinations. Requests can be submitted via email to BCWD-Office@dol.gov or by mail 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 an initial decision has been issued, then any interested party (those affected by the action) that disagrees with the decision can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7).

Requests for review and reconsideration can be submitted via email to dba.reconsideration@dol.gov or by mail 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 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.

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END OF GENERAL DECISION

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION NO. 907-405-2

CODE: (IS)

DATE: 07/20/2026

SUBJECT: Stone Matrix Asphalt

Section 405, Stone Matrix Asphalt, of the 2017 Edition of the Mississippi Standard Specifications for Road and Bridge Construction is hereby amended as follows:

907-405-2 – Materials.

907-405.02.6 --Standards of acceptance.

907-405.02.6.4—Acceptance Procedure for Density.

Delete the paragraph and Lot Determination table of Subsection 405.02.6.4 and substitute the following.

Each completed lift will be accepted with respect to compaction on a lot to lot basis from density tests performed by the Department. Material produced and placed during the trial section(s), if placed on the roadway, will be designated as separate lots. For normal production days, every 350 tons will be considered a lot. When cores are being used for the compaction evaluation, randomly obtain one core from each lot. When the nuclear density gauge is being used for compaction evaluation, obtain two random readings from each lot and average the results. See Chapter 7 of the latest edition of MDOT's Field Manual for Asphalt Mixtures. Additional tests may be required by the Engineer to determine acceptance of work appearing deficient. The Contractor shall furnish and maintain traffic control for all compaction evaluations, including coring, required in satisfying specified density requirements.

907-405.03 --Construction Requirements.

907-405.03.1 --Specific Requirements.

907-405.03.1.4—Density.

Delete the first sentence of the first paragraph of Subsection 405.03.1.4 and substitute the following.

The lot density for all SMA pavement lifts, except for irregular areas as defined in Subsection 907-401.02.6.4.4 shall not be less than 93.0 percent of the maximum density based on AASHTO T 209 for the day's production.

Delete the third paragraph of Subsection 405.03.1.4 and substitute the following.

Irregular areas as defined in Subsection 907-401.02.6.4.4 shall be compacted to roll to refusal densification as defined in Subsection 907-401.02.6.4.3.

Basis for Payment.

Add the “907” prefix to the pay items listed on page 305.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION NO. 907-618-1

CODE: (SP)

DATE: 01/17/2017

SUBJECT: Service Patrol

Section 618, Maintenance of Traffic and Traffic Control Plan, of the 2017 Edition of the Mississippi Standard Specifications for Road and Bridge Construction is hereby amended as follows.

907-618.01--Description. After Subsection 618.01.2 on page 441, add the following.

907-618.01.3--Service Patrol. This work shall consist of providing Service Patrol inclusive of the equipment and operator to patrol the roadways within the project limits to clear the lanes and shoulders of disabled automobiles, motorcycles and small trucks, and to provide assistance at other incidents as directed by law enforcement personnel or the Engineer. The Service Patrol vehicle shall be a tow truck as described in this special provision.

907-618.01.3.1--Service Patrol Limits. The limits of operation for Service Patrol included in this contract shall be mainline roadways and ramps and other roadways within the construction limits defined on the plans for the project.

907-618.01.3.2--Service Patrol Truck. The Contractor shall provide one (1) Service Patrol truck with operator. The Service Patrol truck shall be one ton or larger, having a minimum gross vehicle weight rating of 10,000 pounds and a dual wheel chassis. The truck shall be no older than 2012.

The truck shall be equipped, as a minimum, with the following.

- (1) Wheel lift towing equipment with a minimum lift rating of 3,000 pounds.
- (2) Hydraulically extendible boom with a minimum static rating of 8,000 pounds.
- (3) Winch - 8,000-pound rating on the first layer of cable.
- (4) Winch Cable - 100 feet, 3/8-inch diameter, steel center, with a minimum working load capacity of 3,500 pounds.
- (5) Towing sling.
- (6) Push bumper and grill guard.
- (7) AM/FM radio.
- (8) Spotlight(s) capable of directing a beam centered in any direction of a 360 degree horizontal arc around the truck.
- (9) Roof-mounted amber warning lights, flashing, with on/off switch in cab.
- (10) Power outlets ("hot boxes"), front mounted with outlets compatible to booster cables.
- (11) Heavy duty, 75-amp± battery.
- (12) Cellular mobile telephone.
- (13) Wiring harness for powering portable, remote brake/tail lights on towed vehicles.

- (14) Lamp, high intensity, dashboard mounted.
- (15) Trailer hitch.
- (16) Motorcycle transporting capability.
- (17) Rear work lights.
- (18) Safety chain D-ring or eyelet mounted or rear of truck.
- (19) "Loudhailer" with Microphone and External Speaker, 100-watt.
- (20) Vehicle Mounted Flashing Warning Sign (Arrow Board) and Roof Rack. Flashing Arrow Board shall be capable of flashing 50 times per minute and display right arrow, left arrow, warning bar or double arrow messages.
- (21) 40-Channel Citizens Band (CB) Radio.

The truck shall display the Service Patrol title and the name of the Prime Contractor. The displays shall be mounted on the doors and in a readable location on the front and rear of the truck. The displays shall be maintained in a clean, readable condition throughout the Service Patrol operation.

The Service Patrol truck shall be assigned exclusively to this project. The truck shall be used only at the times and locations as specified herein, or as designated by the Engineer, and until such time as the Contractor is released from maintenance.

Truck maintenance shall be performed during off-duty hours. The truck shall be kept neat and clean, and shall be maintained in conformance with the requirements of the Motor Vehicle Code.

The Service Patrol truck and the equipment it carries shall be subject to periodic inspection by the Engineer who, for an unsafe or a poorly maintained truck, or for an improperly equipped truck, may order the truck removed from service and replaced at no cost to the Department. The Contractor shall replace the truck removed from service within 24 hours. Failure to comply may result in the Contractor's monthly estimate being held until such time the Service Patrol is returned to service.

907-618.01.3.3--Toolbox. The Service Patrol truck shall carry a toolbox with the tools and supplies required to perform operations specified herein. Such tools and supplies shall included the following as a minimum.

	<u>Quantity</u>
Screwdrivers:	
Standard - 1/8", 3/16", 1/4", 5/16"	1 each, min.
Phillips head - No. 1 & No. 2	1 each, min.
Needle nose pliers	1
Adjustable, rib-joint pliers, 2-inch min. capacity	1
Crescent wrench - 8-inch	1
Crescent wrench - 12-inch	1
3-lb. hammer	1
20-oz. claw hammer	1
Rubber mallet	1
Wire cutters	1

Jackknife	1
Electrical tape, roll	1
Hacksaw & spare blades	1
Duct tape, 20-yard roll	1
Light or penetrating oil, 2-oz. or larger can	1
Battery cable puller	1
Tire pressure gauge	1
Ratchet Wrenches	1 complete set
Open-end Wrenches	1 complete set

907-618.01.3.4--Equipment for Operations. Each Service Patrol vehicle shall carry as a minimum the following equipment needed to perform the intended service function.

Two - 5-gallon fuel cans filled with	
Diesel fuel	1
Unleaded gasoline	1
Safety chain, towing	1
Snatch block, 4-ton capacity	1
First aid kit	1
Fire extinguishers	
20-lb. Chemical ABC	1
20-lb. Carbon Dioxide	1
Pry bar - 36" or longer	1
5-gallon can of radiator water	1
4" x 6" x 12" wood blocks	4
24" wide street broom	1
Square point shovel	1
Highway flares, 15 minutes	12
Traffic cones - fluorescent orange, 28"	6
Star type lug wrench	1
Air compressor or rechargeable air bottle hoses & fittings to fit tire valve stems, 200 psi capacity	1
Paper towels, roll	1
Hand cleaner, waterless, can	1
Flashlights & spare batteries	2
Booster cables, 25 feet long, 3-AWG copper, with heavy-duty clamps and one end adapted to truck's power outlets	1 set
Vehicle door unlocking tool	1 set
Funnel, multipurpose, flexible spout	1
Tow chain and hooks	1
Self-loading dolly	1
5-gallon cans, filled with sand	2

Expendable items such as gasoline, fire extinguishers and fusees shall be replenished after use and prior to commencing the next circuit of the patrol route. Such re-stocking shall be

accomplished at sites which do not require the operators to travel more than 1½ miles from the Service Patrol route.

907-618.01.3.5--Communications Equipment. Service Patrol trucks shall be equipped and maintained with a cellular mobile telephone capable of communicating with the Prime Contractor from any and all points along the patrol route, and for contacting the Mississippi Highway Patrol, other law enforcement agencies and the Engineer.

907-618.01.3.6--Operators Uniforms. Operators shall wear protective shoes or boots, a cap, white shirt, and dark slacks, not blue jeans. Jackets and shirts shall bear the name of the Prime Contractor and the designation 'Service Patrol'. Clearly visible and readable plates or badges showing the operator's name shall be worn on the shirts and jackets.

907-618.01.3.7--Operations.

907-618.01.3.7.1--Patrol Route. The Service Patrol truck shall operate on mainline roadways, ramps and other roadways located within the construction limits as designated on the plans for this project. The Service Patrol truck shall not leave the designated area except:

- (1) To discontinue patrol at the end of a shift.
- (2) For mechanical failure of the Service Patrol vehicle or equipment.
- (3) To replenish expendable supplies.
- (4) To circumvent a queue to reach an incident or lane blockage.
- (5) In response to an order from a law enforcement officer or fire department official carrying out their duties, or an order from the Engineer or his representative.
- (6) To provide an operator a rest period of no longer than 15 minutes. Such rest periods shall be outside peak periods and shall be no more frequent than one such break per four-hour shift segment.
- (7) To change operators in the event of operator illness.
- (8) dispose of collected debris gathered during the previous circuit.

The operator shall maintain a detailed, written log of his time during the work shift as indicated herein. A copy of the Service Patrol logs documenting its activities shall be submitted to the Engineer on a weekly basis.

907-618.01.3.7.2--Time of Operation. Service Patrol operation shall commence on the first day of construction and shall remain in operation until all work has been completed and the Contractor released from maintenance on the project.

The Service Patrol vehicle shall operate within the limits of the project 24 hours a day / 7 days a week, regardless of whether or not the Contractors is working on the project.

When Service Patrol operators receive a request for service from either the Engineer or law enforcement agencies near the end of the Service Patrol operator's shift, the operator shall respond and provide the necessary services. The specified level of service shall be provided for

each incident or disabled vehicle, even if it requires work past an otherwise scheduled break or end of shift, all at no additional cost to the State.

Service Patrol operators shall keep a log of the times their truck physically commences its patrol of the designated route, and the times the truck goes off duty, and any time the truck leaves the designated patrol area. The operator shall provide a copy of the log to the Engineer each week. The log shall contain the reason for each departure from the patrol route.

907-618.01.3.7.3--Duties. The Service Patrol shall perform the following duties within the specified time and patrol area.

Patrol: Continuously patrol the designated area seeking disabled vehicles, stranded motorists, debris in the roadway, spilled loads, accidents, obstructions to traffic, and other potential hazards.

Clearing, Clean-up and Communications: Clear lanes and shoulders of all disabled vehicles encountered on patrol, and call the following parties where appropriate:

- a) The Contractors forces for large spilled loads or large debris.
- b) Local fire departments for verified fires.
- c) The Mississippi Highway Patrol (MHP) for accidents, law enforcement situations, or for towing of vehicles beyond the Service Patrol truck's capacity.

Assistance to Motorists: The Service Patrol operator shall provide assistance to motorists as follows:

- a) Change flat tires for motorists.
- b) Provide jump starts with booster cables for vehicles with dead batteries.
- c) Attempt unlocking of vehicles for locked-out motorists.
- d) Provide fuel for motorists where necessary.
- e) Perform minor repairs where time permits.

Advice to Motorists: Motorists shall be advised, and given a card, approved by the Engineer, explaining that prior to towing, pushing, fueling, or servicing their vehicles, their vehicle must be removed from the highway, that this service is being provided free of charge as a courtesy by MDOT, that the Service Patrol may attempt minor repairs when time permits, once the vehicle is cleared from the highway, and that, should the repairs not prove feasible, the motorist may make two local telephone calls not longer than three minutes using the Service Patrol's cellular telephone to telephone arrangements for further service, towing , or transportation.

Disabled Vehicles: Disabled vehicles shall be cleared of lanes, with the least delay practicable, by either pushing or towing. Vehicles that are disabled due to lack of fuel shall be provided with a maximum of two (2) gallons of the proper fuel after which re-starting of the vehicle should be attempted. Then, if the vehicle is not able to continue under its own power, it shall be towed to a safer location on the next exit ramp or to the nearest designated staging area, when provided in the contract. Vehicles with flat tires shall be towed to safer location and the tire changed there.

Disabled vehicles shall be pushed or towed to a safer location on the next exit ramp or to the nearest designated staging area, when provided in the contract.

Disabled vehicles may be towed to an open service station, located within the above limits, only at the specific request of the patron. Within these stated limits, the patron's request for disposition of the disabled vehicle shall be followed.

After towing or pushing a disabled vehicle to a location other than a service station, as described above, the Service patrol operator shall attempt to discern the cause of the disability and offer to attempt simple repairs and/or remedies. The patrol operator may spend up to 15 minutes during off-peak periods with any single disabled vehicle and shall inform the motorist of this requirement prior to commencing repairs. If repairs cannot be made, or would take longer than 15 minutes, the Service Patrol operator shall offer the motorist the opportunity to make two local telephone calls (not more than three (3) minutes) using the Service Patrol Vehicle's cellular telephone.

Should a motorist refuse to allow the disabled vehicle to be cleared of the traffic lanes, the Service Patrol operator shall contact the Mississippi Highway Patrol for assistance and remain on the scene, directing traffic around the disabled vehicle while providing additional protection to same from traffic via the patrol truck. If the driver does not grant permission, vehicles shall not be removed unless a Mississippi Highway Patrol officer authorizes the removal.

Abandoned Vehicles: When an abandoned vehicle is encountered, the attending Service Patrol operator shall contact the Mississippi Highway Patrol to advise the vehicle location, make, color, body type, plate number and whether or not it is impeding traffic.

When an abandoned vehicle is not impeding traffic, or is not considered to be a potential safety hazard, the Service Patrol shall notify the MHP of the vehicle location for tagging and for scheduling of wrecker services for removal.

If the abandoned vehicle is impeding traffic, or is considered to be a potential safety hazard, the Service Patrol shall request the MHP for authorization for the Service Patrol vehicle to move the abandoned vehicle to a safer location or to the nearest designated staging area, when provided in the contract. Once moved to a safer location the vehicle shall be treated as abandoned as described in the previous paragraph.

After towing an abandoned vehicle, or removing a vehicle from the scene of an accident, it shall be parked at a safer location, the wheels turned away from the roadway, the parking brake set, the windows closed, and doors locked, if possible. The vehicle may be removed to the nearest designated staging area, when provided in the contract. An inventory of vehicle items shall be conducted to include, but not limited to, radios, C.B.'s and other personal items. The location of the vehicle shall be reported to MHP.

Accidents: The Service Patrol operator shall call for police, fire and ambulance assistance as necessary at accident scenes. Where no apparent physical injury is evident, the operator shall

request drivers to drive or be pushed to emergency lanes or off the road to open the obstructed lane to traffic. Operators shall take no action without the driver's consent except under police direction. Where apparent physical injury or driver intoxication is evident or suspected the operator shall not move vehicles involved in an accident until so directed by the police. In such cases, the operator shall not follow directions or requests made by vehicle's driver or occupants.

The Service Patrol Operator shall protect accident scenes by setting flares, cones, flagging, and/or flashing amber lights and assisting in traffic control.

When a vehicle's operator has been involved in an accident and is unable or not available to authorize towing, the Service Patrol operator shall request and receive authorization and orders from the Mississippi Highway Patrol prior to removing the vehicle.

Assistance to Mississippi Highway Patrol and/or other Law Enforcement Agencies: The Service Patrol operator shall render assistance to Mississippi Highway Patrol and/or other law enforcement officers when requested. Service Patrol operators shall follow the instructions of, and obey the orders of law enforcement officers at the scene of any incident.

Towing: The Service Patrol operator shall use an appropriate method of towing for each encountered situation and type of vehicle to be towed. The operator shall use towing procedures considered appropriate by the towing industry and other competent tow service operators acting in similar circumstances with similar equipment. Safety chain(s) between the towed vehicle and the Service Patrol truck shall be used during all towing.

People shall not be permitted to ride in vehicles being towed, but shall ride in the Service Patrol truck instead. If there are more than two such persons, the Service Patrol shall call the Mississippi Highway Patrol or a cab service for transportation. Costs of any needed cab service shall be included in the Service Patrol bid price.

Transporting People: When transporting passengers, the Service Patrol operator shall keep a log with the names, destination and time and mileage at the moment of departure with the passenger, and again with the mileage and time of arrival at the destination.

Animals: The location, type, and condition of injured or dead animals shall be telephone to the Animal Control Agency. The location of dead animals shall be communicated to the Contractor for his disposal.

Disposal of Rubbish, Debris and Dead Animals: The Contractor shall dispose of collected rubbish, debris, and dead animals at a legal site and in a manner conforming to local sanitation laws. The locations and nature of heavy or voluminous debris shall be reported to the Contractor for removal.

907-618.01.3.7.4--Service Patrol Log. Service Patrol operators shall maintain "Service Patrol Logs" which shall be completed for each incident attended to by the Patrol. The log form shall be approved by the Engineer.

Service Patrol Logs shall show:

- (1) The date of the incident.
- (2) The following times (using military time):
 - a) The time when the Service Patrol dispatcher noted the incident.
 - b) The time of arrival at the incident.
 - c) The time of departure from the scene of the incident.
 - d) The time of return to patrol duty.
- (3) The nature of the incident, such as debris removal, injured or dead animal, stalled vehicle, accident.
- (4) Whether the incident was detected by normal patrol activity or in response to a dispatcher's call.
- (5) The incident location by route name and approximate distance north, south, east, or west to a cross street, the lane number(s) in which the incident was located, and the direction travel of the lanes.
- (6) Where applicable, the following information shall be recorded.
 - a) The vehicle's make model, body type, and license plate number.
 - b) The nature of the problem, such as out of gas, overheated and flat tire.
 - c) The disabled vehicle driver's sex.
 - d) The type of assistance provided by the Service Patrol.
 - e) Any damage evident before, and again after, towing or pushing the disabled vehicle.
 - f) The location at which the disabled vehicle was disengaged from the tow truck and parked.
 - g) The location to which the disabled vehicle's driver and/or passengers were transported.
 - h) Expendable items and quantities furnished.
- (7) If additional assistance by other tow services or government agencies was required.
- (8) Weather conditions.
- (9) The Service Patrol operator's name.

907-618.01.3.7.5--Operator Qualifications. Service Patrol truck operators shall be licensed in accordance with the Mississippi Motor Vehicle Code.

Operators shall be competent in the tasks of tow truck operations to provide safe and proper discharge of their service responsibilities. The Contractor shall provide resumes of the proposed operators for approval by the Engineer.

907-618.01.3.7.6--Operator Conduct. The operators shall exercise good sound judgment in carrying out their duties and conduct themselves in such a manner that it will reflect favorably upon the Mississippi Department of Transportation and State of Mississippi.

Operators shall:

- (1) Wear clean uniforms at the start of each shift.
- (2) Be well-groomed.
- (3) Wear name plates where they can be seen.
- (4) Be courteous at all times.

Service Patrol operators shall follow the following safety rules and general regulations.

Operator shall:

- (1) Not drink alcoholic beverages on, or less than 4 hours before a shift, nor use illegal or controlled substances.
- (2) Inspect assigned Service Patrol vehicles at the beginning of each shift.
- (3) Always wear uniform while on duty. Uniform shirt or jacket must be clearly visible.
- (4) Keep all communications radio and monitors 'on' and the volume 'up'.
- (5) Remain in their assigned area and depart from the area only when absolutely necessary.
- (6) Obey all traffic laws.
- (7) Stop on the Interstate only to service an incident. Paperwork should be done off the Interstate, along ramps.
- (8) When clearing an incident, use caution.
- (9) Never push a truck or any other vehicle that obscures the vision directly ahead of you. Tow instead.
- (10) Not accept payment for any type of service rendered. This is a free service and operators shall not accept any payment or gratuity for services rendered, even if the motorist insists.
- (11) Contact the Mississippi Highway Patrol when arriving at situations which the Service Patrol cannot handle.
- (12) Not carry firearms or other weapons either on their persons or in the Service Patrol truck.
- (13) Use flashing amber lights in conformance with the Mississippi Motor Vehicle Code and only in the following circumstances:
 - a) When needed to warn overtaking traffic of the Service Patrol truck's low speed when accelerating into traffic lanes.
 - b) To warn traffic when using the truck to protect the scene of an incident.

907-618.04--Method of Measurement. After the last paragraph of Subsection 618.04 on page 449, add the following.

The Service Patrol item of work will be measured as a lump sum quantity. The percentage of the contract lump sum price allowed on progress estimates will be determined by the percentage of the combined total monetary value of all direct bid items, excepting those items identified in the

bid schedule as dependent items and the Service Patrol item itself, earned during the current (same) estimate period; however, when the Service Patrol is initially placed in service, the Contractor will be allowed payment at least equal to ten percent (10%) of the amount bid for Service Patrol.

907-618.05--Basis of Payment. After the third paragraph of Subsection 618.05 on page 449, add the following.

Service Patrol will be paid for at the contract lump sum price which includes compensation for complying with all the requirements of the specifications and this special provision and which shall be full compensation for completing the work.

After the last pay item listed on page 450, add the following.

907-618-M1: Service Patrol

lump sum

Add 2 Lanes to I-55 from SR 463 to Gluckstadt Road, & Mill & Overlay approximately 0.77 miles on I-55 from Gluckstadt Road north, known as Federal Aid Project Nos. STP-0055-02(271) / 108168301 & STP-0055-02(275) / 108168302 in Madison County.

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
Roadway Items					
0010	201-B001		44	Acre	Clearing and Grubbing
0020	201-D001		16	Station	Random Clearing
0030	202-B007		2,580	Square Yard	Removal of Asphalt Pavement, All Depths
0040	202-B017		4	Each	Removal of Box Bridge
0050	202-B019		39	Linear Feet	Removal of Box Culvert
0060	202-B059		471	Square Yard	Removal of Concrete Median & Island Pavement, All Depths
0070	202-B060		40	Linear Feet	Removal of Concrete Median Barrier
0080	202-B061		11,500	Linear Feet	Removal of Concrete Median Barrier, Precast
0090	202-B063		121	Square Yard	Removal of Concrete Paved Ditch
0100	202-B069		34,294	Square Yard	Removal of Concrete Pavement w/ Variable Depth Overlay
0110	202-B089		721	Linear Feet	Removal of Curb &/or Curb and Gutter, All Types
0120	202-B096		802	Linear Feet	Removal of Debris and Sand From Box Culvert, 10-foot and Greater Width
0130	202-B114		100	Linear Feet	Removal of Debris and Sand From Pipe, All Sizes
0140	202-B126		40,623	Linear Feet	Removal of Fence, All Types
0150	202-B150		4,679	Linear Feet	Removal of Guard Rail Including Post, Blockouts & Hardware
0160	202-B160		2	Each	Removal of High Mast Lighting Assembly
0170	202-B162		3	Each	Removal of Impact Attenuator
0180	202-B165		8	Each	Removal of Inlets, All Sizes
0190	202-B177		13	Each	Removal of Low Mast Lighting Assembly
0200	202-B191		538	Linear Feet	Removal of Pipe, 8" And Above
0210	202-B220		1	Each	Removal of Sign, Overhead Mounted Including Panels, Trust, and Footings
0220	202-B225		55,594	Square Yard	Removal of Soil Cement Shoulders with Asphalt Overlay
0230	202-B226		34,294	Square Yard	Removal of Soil Cement Treated Base, All Depths
0240	202-B226		14,175	Square Yard	Removal of Soil Cement Treated Base, All Depths - Milling
0250	202-B240		6,000	Linear Feet	Removal of Traffic Stripe
0260	202-B273		145	Linear Feet	Removal of Debris and Sand From Box Culvert, 6-foot to Less than 10-foot Width
0270	202-B276		690	Linear Feet	Removal of Debris from Drainage Channel
0280	203-EX021	(E)	729,764	Cubic Yard	Borrow Excavation, AH, FME, Class B9-6
0290	203-F001	(E)	15,151	Cubic Yard	Channel Excavation, FM
0300	203-G001	(E)	498,248	Cubic Yard	Excess Excavation, FM, AH
0310	206-A001	(S)	2,935	Cubic Yard	Structure Excavation

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
0320	206-B001	(E)	96	Cubic Yard	Select Material for Undercuts, Contractor Furnished, FM
0330	209-A005		279,624	Square Yard	Geotextile Stabilization, Type V, Non-Woven
0340	211-B001	(E)	29,750	Cubic Yard	Topsoil for Slope Treatment, Contractor Furnished
0350	213-C001		56	Ton	Superphosphate
0360	216-A001		2,873	Square Yard	Solid Sodding
0370	217-A001		2,209	Square Yard	Ditch Liner
0380	219-A001		59	Thousand Gallon	Watering [\$20.00]
0390	220-A001		56	Acre	Insect Pest Control [\$30.00]
0400	221-A001	(S)	3,548	Cubic Yard	Concrete Paved Ditch
0410	223-A001		851	Acre	Mowing [\$70.00]
0420	224-A001		7,370	Square Yard	Soil Reinforcing Mat
0430	225-A001		111	Acre	Grassing
0440	225-B001		56	Ton	Agricultural Limestone
0450	225-C001		222	Ton	Mulch, Vegetative Mulch
0460	226-A001		111	Acre	Temporary Grassing
0470	236-A008		8	Each	Silt Basin, Type D
0480	237-A002		4,500	Linear Feet	Wattles, 20"
0490	239-A001		2,000	Linear Feet	Temporary Slope Drains
0500	245-A001		2,000	Linear Feet	Silt Dike
0510	246-B002		4,000	Linear Feet	Rockbags
0520	249-A001		8,000	Ton	Riprap for Erosion Control
0530	304-D002	(GT)	18,150	Ton	Granular Material, Crushed Stone
0540	307-B003	(M)	118,950	Square Yard	6" Soil-Lime-Water Mixing, Class B
0550	307-D001		1,606	Ton	Lime
0560	307-S001	(A3)	29,738	Gallon	Bituminous Curing Seal
0570	308-A001		1,071	Ton	Cement
0580	308-B003	(M)	118,950	Square Yard	Soil-Cement-Water Mixing, Optional Mixers, Design Soil
0590	308-S001	(A3)	29,738	Gallon	Bituminous Curing Seal
0600	406-D001		302,705	Square Yard	Fine Milling of Bituminous Pavement, All Depths
0610	423-A001		17	Mile	Rumble Strips, Ground In
0620	501-K001		222	Square Yard	Transverse Grooving
0630	503-C010		40,670	Linear Feet	Saw Cut, Full Depth
0640	602-A001	(S)	48,821	Pounds	Reinforcing Steel

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
0650	603-ALT003	(S)	72	Linear Feet	18" Type A Alternate Pipe
0660	603-CA011	(S)	1,032	Linear Feet	18" Reinforced Concrete Pipe, Class III
0670	603-CA022	(S)	2,024	Linear Feet	18" Reinforced Concrete Pipe, Class V, Jacked or Bored
0680	603-CA026	(S)	824	Linear Feet	24" Reinforced Concrete Pipe, Class III
0690	603-CA038	(S)	632	Linear Feet	24" Reinforced Concrete Pipe, Class V, Jacked or Bored
0700	603-CA040	(S)	8	Linear Feet	30" Reinforced Concrete Pipe, Class III
0710	603-CA055	(S)	96	Linear Feet	36" Reinforced Concrete Pipe, Class III
0720	603-CA065	(S)	224	Linear Feet	36" Reinforced Concrete Pipe, Class V, Jacked or Bored
0730	603-CA066	(S)	16	Linear Feet	42" Reinforced Concrete Pipe, Class III
0740	603-CB003	(S)	28	Each	18" Reinforced Concrete End Section
0750	603-CB004	(S)	20	Each	24" Reinforced Concrete End Section
0760	603-CB005	(S)	1	Each	30" Reinforced Concrete End Section
0770	603-CB006	(S)	4	Each	36" Reinforced Concrete End Section
0780	603-CB007	(S)	2	Each	42" Reinforced Concrete End Section
0790	603-CE008	(S)	104	Linear Feet	29" x 18" Concrete Arch Pipe, Class A III
0800	603-CE018	(S)	88	Linear Feet	44" x 27" Concrete Arch Pipe, Class A III
0810	603-CE034	(S)	40	Linear Feet	65" x 40" Concrete Arch Pipe, Class A III
0820	603-CF003	(S)	2	Each	29" x 18" Concrete Arch Pipe End Section
0830	603-CF005	(S)	2	Each	44" x 27" Concrete Arch Pipe End Section
0840	603-CF008	(S)	2	Each	65" x 40" Concrete Arch Pipe End Section
0850	603-SB012	(S)	4	Each	18" Branch Connections, Stub into Box Culvert
0860	603-SB028	(S)	2	Each	24" Branch Connections, Stub into Box Culvert
0870	604-A001		79	Pounds	Castings
0880	604-B001		10,897	Pounds	Gratings
0890	605-AA001	(S)	424	Square Yard	Geotextile for Subsurface Drainage, Type III
0900	605-O002	(S)	762	Linear Feet	4" Perforated Sewer Pipe for Underdrains, SDR 23.5
0910	605-P002	(S)	190	Linear Feet	4" Non-perforated Sewer Pipe for Underdrains, SDR 23.5
0920	605-W001	(GY)	29	Cubic Yard	Filter Material for Combination Storm Drain and/or Underdrains, Type A, FM
0930	606-B001		550	Linear Feet	Guard Rail, Class A, Type 1
0940	606-B006		313	Linear Feet	Guard Rail, Class A, Type 1, Double Faced
0950	606-C003		1	Each	Guard Rail, Cable Anchor, Type 1
0960	606-D022		4	Each	Guard Rail, Bridge End Section, Type I
0970	606-E001		5	Each	Guard Rail, Terminal End Section

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
0980	607-B018		40,947	Linear Feet	60" Type I Chain Link Fence, Class II
0990	607-E001		600	Linear Feet	Barbed Wire Fence, Single Strand
1000	607-G127		12	Each	Gate, 3' x 60" Chain Link
1010	607-P1003		8	Each	Line Post, 14' x 2 1/2" Galvanized Steel
1020	607-P1008		3,834	Each	Line Post, 7' x 1 1/2" Galvanized Steel
1030	607-P2004		247	Each	Brace Post, 7 1/2' x 2" Galvanized Steel
1040	607-P2022		8	Each	Brace Post, 5' x 2 1/2" Galvanized Steel
1050	607-P3004		24	Each	Gate Post, 8' x 2 1/2" Galvanized Steel
1060	608-A001	(S)	870	Square Yard	Concrete Sidewalk, Without Reinforcement
1070	609-C001	(S)	173	Linear Feet	Concrete Integral Curb, Type 1
1080	609-D004	(S)	1,785	Linear Feet	Combination Concrete Curb and Gutter Type 2 Modified
1090	609-D007	(S)	3,101	Linear Feet	Combination Concrete Curb and Gutter Type 3 Modified
1100	612-B001		22	Cubic Yard	Flowable Fill, Non-Excavatable
1110	615-A004	(S)	287	Linear Feet	Concrete Bridge End Barrier, 43.5"
1120	615-A007	(S)	256	Linear Feet	Concrete Pier Protection Barrier, 54"
1130	615-A023	(S)	34,372	Linear Feet	Concrete Type IV Modified, 42" Height, Cast-in-Place Median Barrier
1140	616-A001	(S)	155	Square Yard	Concrete Median and/or Island Pavement, 10-inch
1150	616-A004	(S)	1,127	Square Yard	Concrete Median and/or Island Pavement, 4-inch
1160	616-B001	(S)	776	Square Yard	Bituminous Median and/or Island Pavement
1170	617-A001		3	Each	Right-of-Way Marker
1180	619-A1001		84	Mile	Temporary Traffic Stripe, Continuous White
1190	619-A2001		81	Mile	Temporary Traffic Stripe, Continuous Yellow
1200	619-A3001		96	Mile	Temporary Traffic Stripe, Skip White
1210	619-A5001		142,991	Linear Feet	Temporary Traffic Stripe, Detail
1220	619-A6001		3,431	Square Feet	Temporary Traffic Stripe, Legend
1230	619-A6002		2,568	Linear Feet	Temporary Traffic Stripe, Legend
1240	619-C6001		20,347	Each	Red-Clear Reflective High Performance Raised Marker
1250	619-C8001		2,075	Each	One-Way Clear Reflective High Performance Raised Marker
1260	619-C9001		2,099	Each	One-Way Yellow Reflective High Performance Raised Marker
1270	619-D1001		95	Square Feet	Standard Roadside Construction Signs, Less than 10 Square Feet
1280	619-D2001		2,060	Square Feet	Standard Roadside Construction Signs, 10 Square Feet or More
1290	619-F1001		1,000	Linear Feet	Concrete Median Barrier, Precast
1300	619-F2001		84,948	Linear Feet	Remove and Reset Concrete Median Barrier, Precast

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
1310	619-G4005		228	Linear Feet	Barricades, Type III, Single Faced
1320	619-G5001		847	Each	Free Standing Plastic Drums
1330	619-G7001		22	Each	Warning Lights, Type "B"
1340	619-J1004		4	Each	Impact Attenuator, 60 MPH
1350	619-J2004		4	Each	Impact Attenuator, 60 MPH, Replacement Package
1360	619-J3001		20	Each	Remove and Reset Impact Attenuator
1370	620-A001		1	Lump Sum	Mobilization
1380	622-A004		1	Each	Engineer's Field Office Building, Type 3
1390	629-A005		1	Each	Vehicular Impact Attenuator, 70 MPH
1400	630-A001		178	Square Feet	Standard Roadside Signs, Sheet Aluminum, 0.080" Thickness
1410	630-A003		469	Square Feet	Standard Roadside Signs, Sheet Aluminum, 0.125" Thickness
1420	630-A005		349	Square Feet	Standard Roadside Signs, Sheet Aluminum, 0.1" Thickness
1430	630-B002		378	Square Feet	Interstate Directional Signs, Bolted Extruded Aluminum Panels, Ground Mounted
1440	630-B003		7,776	Square Feet	Interstate Directional Signs, Bolted Extruded Aluminum Panels, Overhead Mounted
1450	630-C001		559	Linear Feet	Square Tube Posts, 4.0 lb/ft
1460	630-C004		136	Linear Feet	Square Tube Posts, 9.0 lb/ft
1470	630-C005		944	Linear Feet	Square Tube Posts, 2.0 lb/ft
1480	630-C1001		64	Linear Feet	Square Post Inner Sleeve
1490	630-D006		51	Linear Feet	Structural Steel Beams, W6 x 12
1500	630-D008		136	Linear Feet	Structural Steel Beams, W6 x 9
1510	630-E001		63	Pounds	Structural Steel Angles & Bars, 3 1/2" x 3 1/2" x 1/4" Angles
1520	630-E002		132	Pounds	Structural Steel Angles & Bars, 3" x 3" x 1/4" Angles
1530	630-F006		28	Each	Delineators, Guard Rail, White
1540	630-F007		10	Each	Delineators, Guard Rail, Yellow
1550	630-F010		152	Each	Delineators, Post Mounted, Double White
1560	630-F011		54	Each	Delineators, Post Mounted, Double Yellow
1570	630-F012		61	Each	Delineators, Post Mounted, Single White
1580	630-F013		14	Each	Delineators, Post Mounted, Single Yellow
1590	630-G004		4	Each	Type 3 Object Markers, OM-3R or OM-3L
1600	630-I003		1	Lump Sum	Metal Overhead Sign Supports, Assembly No. 1, Contractor Designed
1610	630-I004		1	Lump Sum	Metal Overhead Sign Supports, Assembly No. 10, Contractor Designed
1620	630-I005		1	Lump Sum	Metal Overhead Sign Supports, Assembly No. 11, Contractor Designed

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
1630	630-I006		1	Lump Sum	Metal Overhead Sign Supports, Assembly No. 12, Contractor Designed
1640	630-I007		1	Lump Sum	Metal Overhead Sign Supports, Assembly No. 13, Contractor Designed
1650	630-I008		1	Lump Sum	Metal Overhead Sign Supports, Assembly No. 14, Contractor Designed
1660	630-I009		1	Lump Sum	Metal Overhead Sign Supports, Assembly No. 15, Contractor Designed
1670	630-I010		1	Lump Sum	Metal Overhead Sign Supports, Assembly No. 16, Contractor Designed
1680	630-I015		1	Lump Sum	Metal Overhead Sign Supports, Assembly No. 2, Contractor Designed
1690	630-I020		1	Lump Sum	Metal Overhead Sign Supports, Assembly No. 3, Contractor Designed
1700	630-I022		1	Lump Sum	Metal Overhead Sign Supports, Assembly No. 4, Contractor Designed
1710	630-I024		1	Lump Sum	Metal Overhead Sign Supports, Assembly No. 5, Contractor Designed
1720	630-I025		1	Lump Sum	Metal Overhead Sign Supports, Assembly No. 6, Contractor Designed
1730	630-I026		1	Lump Sum	Metal Overhead Sign Supports, Assembly No. 7, Contractor Designed
1740	630-I027		1	Lump Sum	Metal Overhead Sign Supports, Assembly No. 8, Contractor Designed
1750	630-I028		1	Lump Sum	Metal Overhead Sign Supports, Assembly No. 9, Contractor Designed
1760	635-A059		12	Each	Traffic Signal Head, Type 1
1770	635-A065		2	Each	Traffic Signal Head, Type 2 FYA
1780	635-A070		2	Each	Traffic Signal Head, Type 3
1790	635-A073		1	Each	Traffic Signal Head, Type 4
1800	635-A076		2	Each	Traffic Signal Head, Type 6
1810	647-A001		1	Lump Sum	Removal of Existing Traffic Signal Equipment
1820	682-A005		4,378	Linear Feet	Underground Branch Circuit, AWG 1/0, 3 Conductor
1830	682-A007		2,642	Linear Feet	Underground Branch Circuit, AWG 1/0, 5 Conductor
1840	682-A018		8,904	Linear Feet	Underground Branch Circuit, AWG 2, 3 Conductor
1850	682-A034		3,180	Linear Feet	Underground Branch Circuit, AWG 6, 3 Conductor
1860	682-A039		1,680	Linear Feet	Underground Branch Circuit, AWG 8, 3 Conductor
1870	682-B005		90	Linear Feet	Underground Branch Circuit, Jacked or Bored, AWG 1/0, 3 Conductor
1880	682-B007		90	Linear Feet	Underground Branch Circuit, Jacked or Bored, AWG 1/0, 5 Conductor
1890	682-B016		620	Linear Feet	Underground Branch Circuit, Jacked or Bored, AWG 2, 3 Conductor
1900	682-B025		870	Linear Feet	Underground Branch Circuit, Jacked or Bored, AWG 4, 3 Conductor
1910	682-B032		490	Linear Feet	Underground Branch Circuit, Jacked or Bored, AWG 6, 3

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
					Conductor
1920	682-B037		340	Linear Feet	Underground Branch Circuit, Jacked or Bored, AWG 8, 3 Conductor
1930	682-C006		200	Linear Feet	Structure Mounted Branch Circuit, AWG 1/0, 5 Conductor
1940	682-C009		480	Linear Feet	Structure Mounted Branch Circuit, AWG 10, 3 Conductor
1950	682-C015		150	Linear Feet	Structure Mounted Branch Circuit, AWG 2, 3 Conductor
1960	682-D002		10	Each	Structure Mounted Pull Box
1970	682-D003		38	Each	Underground Pull Box
1980	682-E001		3	Each	Structure Mounted Junction Box
1990	682-E003		21	Each	Underground Junction Box With Concrete Pad
2000	682-F002		3	Each	Secondary Power Controllers
2010	683-A002		32	Each	Lighting Assembly, High Mast, LED, Type 120-4-A
2020	683-A124		4	Each	Lighting Assembly, High Mast, LED, Type 120-8-S
2030	683-A137		1	Each	Lighting Assembly, High Mast, LED, Type 120-8-A
2040	683-A138		1	Each	Lighting Assembly, High Mast, LED, Type 120-6-A
2050	683-B212		11	Each	Lighting Assembly, Low Mast, LED, Type 40-1-8-110
2060	683-B213		1	Each	Lighting Assembly, Low Mast, LED, Type 40-2-8-110
2070	683-C010		8	Each	Lighting Assembly, Underpass, Type UP
2080	683-D001		1	Each	Portable Electric Power Units
2090	684-A003		12	Cubic Yard	Pole Foundation, 24" Diameter
2100	684-A006		271	Cubic Yard	Pole Foundation, 42" Diameter
2110	684-B003		8	Linear Feet	Slip Casing, 24" Diameter
2120	684-B006		20	Linear Feet	Slip Casing, 42" Diameter
2130	699-A001		1	Lump Sum	Roadway Construction Stakes
2140	815-A002	(S)	1,250	Ton	Loose Riprap, Size 100
2150	815-A007	(S)	7,050	Ton	Loose Riprap, Size 300
2160	815-E001	(S)	8,681	Square Yard	Geotextile under Riprap
2170	815-F002	(S)	3,000	Ton	Sediment Control Stone
2180	907-234-A001		17,000	Linear Feet	Temporary Silt Fence
2190	907-234-C001		2,575	Linear Feet	Super Silt Fence
2200	907-234-D001		15	Each	Inlet Siltation Guard
2210	907-234-E001		15	Each	Reset Inlet Siltation Guard
2220	907-248-A001		1	Lump Sum	Temporary Site Drainage
2230	907-253-A001		1,021	Linear Feet	Coir Fiber Baffle

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
2240	907-402-A002	(BA1)	11,193	Ton	Open Graded Friction Course, 9.5-mm Mixture
2250	907-402-B001	(A3)	39,202	Gallon	Bituminous Tack Coat
2260	907-403-A001	(BA1)	29,040	Ton	12.5-mm, HT, Asphalt Pavement
2270	907-403-A004	(BA1)	35,680	Ton	19-mm, HT, Asphalt Pavement
2280	907-403-A006	(BA1)	35,456	Ton	19-mm, ST, Asphalt Pavement
2290	907-403-A013	(BA1)	4,667	Ton	9.5-mm, HT, Asphalt Pavement
2300	907-403-A015	(BA1)	608	Ton	9.5-mm, ST, Asphalt Pavement
2310	907-403-B001	(BA1)	42,798	Ton	12.5-mm, HT, Asphalt Pavement, Leveling
2320	907-403-B010	(BA1)	5,921	Ton	9.5-mm, HT, Asphalt Pavement, Leveling
2330	907-403-S001		34	Mile	Joint Sealant
2340	907-405-A001	(BA1)	44,502	Ton	Stone Matrix Asphalt, 9.5 mm Mixture
2350	907-405-A002	(BA1)	20,101	Ton	Stone Matrix Asphalt, 12.5 mm Mixture
2360	907-407-A001	(A2)	116,816	Gallon	Asphalt for Tack Coat
2370	907-413-E001		576	Linear Feet	Sawing and Sealing Transverse Joints in Asphalt Pavement
2380	907-501-F001		640	Linear Feet	Concrete Lug Anchors
2390	907-502-A001	(C)	1,693	Square Yard	Reinforced Cement Concrete Bridge End Pavement
2400	907-601-A001	(S)	302	Cubic Yard	Class "B" Structural Concrete
2410	907-601-B001	(S)	88	Cubic Yard	Class "B" Structural Concrete, Minor Structures
2420	907-608-C001		120	Square Feet	Detectable Warning Panels
2430	907-618-A001		1	Lump Sum	Maintenance of Traffic
2440	907-618-M1001		1	Lump Sum	Service Patrol
2450	907-618-M2001		4,640	Hours	Work Zone Law Enforcement [\$60.00]
2460	907-619-E3001		2	Each	Changeable Message Sign
2470	907-619-M1002		24	Each	Smart Work Zone, Portable Queue Trailer
2480	907-619-M1003		10	Each	Smart Work Zone, Portable Camera Trailer
2490	907-619-M1004		12	Each	Smart Work Zone, Portable Message Board Trailer
2500	907-619-M2001		84	Each	Smart Work Zone, Portable Queue Trailer, Operational Month
2510	907-619-M2002		84	Each	Smart Work Zone, Portable Camera Trailer, Operational Month
2520	907-619-M2003		84	Each	Smart Work Zone, Portable Message Board Trailer, Operational Month
2530	907-619-M2004		84	Each	Smart Work Zone, Portable Bluetooth Detection System, Additional Device, Operational Month
2540	907-619-M3002		84	Each	Smart Work Zone, System Monitoring, Operational Month
2550	907-626-A010		21	Mile	6" Thermoplastic Traffic Stripe, Skip White
2560	907-626-B006		14	Mile	6" Thermoplastic Traffic Stripe, Continuous White

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
2570	907-626-E005		13	Mile	6" Thermoplastic Traffic Stripe, Continuous Yellow
2580	907-626-G004		37,665	Linear Feet	Thermoplastic Detail Stripe, White
2590	907-626-G005		1,966	Linear Feet	Thermoplastic Detail Stripe, Yellow
2600	907-626-H009		1,096	Square Feet	Thermoplastic Legend, White
2610	907-626-H010		1,284	Linear Feet	Thermoplastic Legend, White
2620	907-627-K001		4,973	Each	Red-Clear Reflective High Performance Raised Markers
2630	907-632-A007		2	Each	Solid State Traffic Cabinet Assembly, Type III Cabinet, Type 1 Controller
2640	907-632-D001		2	Each	Solid State Traffic Actuated Controller, Type 1
2650	907-632-G001		2	Each	Malfunction Management Unit
2660	907-632-J001		6	Each	Power Service Pedestal
2670	907-634-A047		1	Each	Traffic Signal Equipment Pole, Type II(L), 30' Shaft, 55' Arm
2680	907-634-A083		1	Each	Traffic Signal Equipment Pole, Type II, 17' Shaft, 45' Arm
2690	907-634-A374		1	Each	Traffic Signal Equipment Pole, Type III, 17' Shaft, 35' & 40' Arms
2700	907-634-A397		1	Each	Traffic Signal Equipment Pole, Type III, 17' Shaft, 50' & 50' Arms
2710	907-634-A545		1	Each	Traffic Signal Equipment Pole, Type VI, 8' Shaft
2720	907-634-C001		16	Cubic Yard	Pole Foundations, Class "B" Concrete
2730	907-634-E001		4	Each	Camera Pole with Foundation, 50' Pole
2740	907-636-B003		190	Linear Feet	Electric Cable, Underground in Conduit, IMSA 20-1, AWG 10, 2 Conductor
2750	907-636-B014		425	Linear Feet	Electric Cable, Underground in Conduit, IMSA 20-1, AWG 14, 5 Conductor
2760	907-636-B016		915	Linear Feet	Electric Cable, Underground in Conduit, IMSA 20-1, AWG 14, 8 Conductor
2770	907-636-B025		225	Linear Feet	Electric Cable, Underground in Conduit, IMSA 20-1, AWG 6, 3 Conductor
2780	907-636-B043		40	Linear Feet	Electric Cable, Underground in Conduit, THHN, AWG #2, 4 Conductor
2790	907-636-B053		1,120	Linear Feet	Electric Cable, Underground in Conduit, THHN, AWG #6, 3 Conductor
2800	907-636-D001		40	Linear Feet	Electric Cable, Aerial Supported in Conduit, IMSA 20-1, AWG 10, 2 Conductor
2810	907-636-D006		20	Linear Feet	Electric Cable, Aerial Supported in Conduit, IMSA 20-1, AWG 14, 5 Conductor
2820	907-636-D008		380	Linear Feet	Electric Cable, Aerial Supported in Conduit, IMSA 20-1, AWG 14, 8 Conductor
2830	907-636-D022		40	Linear Feet	Electric Cable, Aerial Supported in Conduit, IMSA 20-1, AWG 6, 3 Conductor
2840	907-637-A002		17	Each	Pullbox Enclosure, Type 2
2850	907-637-A003		2	Each	Pullbox Enclosure, Type 3
2860	907-637-A004		16	Each	Pullbox Enclosure, Type 4

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
2870	907-637-A005		11	Each	Pullbox Enclosure, Type 5
2880	907-637-C028		160	Linear Feet	Traffic Signal Conduit, Underground, Type 4, 2"
2890	907-637-C030		105	Linear Feet	Traffic Signal Conduit, Underground, Type 4, 3"
2900	907-637-D003		670	Linear Feet	Traffic Signal Conduit, Underground Drilled or Jacked, Rolled Pipe, 3"
2910	907-637-H001		160	Linear Feet	Traffic Signal Conduit Bank, Underground, Rolled Pipe, 2 @ 2"
2920	907-637-H002		445	Linear Feet	Traffic Signal Conduit Bank, Underground, Rolled Pipe, 2"
2930	907-637-I001		23,495	Linear Feet	Traffic Signal Conduit Bank, Underground, Drilled or Jacked, Rolled Pipe, 2 @ 2"
2940	907-637-I002		760	Linear Feet	Traffic Signal Conduit Bank, Underground, Drilled or Jacked, Rolled Pipe, 2"
2950	907-640-B001		440	Linear Feet	Shielded Cable, AWG #14, 2 Conductor
2960	907-641-A002		6	Each	Signal Stop Bar Radar Vehicle Detection Sensor, Type 2
2970	907-641-B002		8	Each	Signal Advanced Radar Vehicle Detection Sensor, Type 2
2980	907-641-C002		2	Each	ITS Radar Vehicle Detection Sensor
2990	907-641-D001		2,505	Linear Feet	Radar Vehicle Detection Cable
3000	907-641-F002		4	Each	Signal Radar Vehicle Detection Processor, Type 2
3010	907-641-G002		2	Each	ITS Radar Vehicle Detection Processor, Type 2
3020	907-645-B001		2	Each	Accessible Pedestrian Detection Assembly
3030	907-650-A002		32	Each	On Street Video Equipment, Fixed Type
3040	907-650-A003		6	Each	On Street Video Equipment, PTZ Type
3050	907-650-A004		5	Each	On Street Video Equipment, PTZ Type, Signal Monitoring
3060	907-653-A001		27	Square Feet	Traffic Sign
3070	907-656-A001		1	Each	Dynamic Message Sign, Type 1
3080	907-659-A001		1	Lump Sum	Traffic Management Center Modifications
3090	907-660-A002		5	Each	Equipment Cabinet, Type B
3100	907-660-A003		1	Each	Equipment Cabinet, Type C
3110	907-661-A004		20,470	Linear Feet	Fiber Optic Cable, 72 SM
3120	907-661-B002		3,805	Linear Feet	Fiber Optic Drop Cable, 12 SM
3130	907-663-A001		10	Each	Network Switch, Type A
3140	907-663-A002		1	Each	Network Switch, Type B
3150	907-663-A003		1	Each	Network Switch, Type C
3160	907-663-A005		2	Each	Network Switch, Type E
3170	907-666-A001		3	Each	Bluetooth Detection System, Type A
3180	907-682-A1011		440	Linear Feet	Branch Circuit Wire, AWG #2, 3 Conductor

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
3190	907-682-A1019		830	Linear Feet	Branch Circuit Wire, AWG #4, 3 Conductor
ALTERNATE GROUP AA NUMBER 1					
3200	304-F001	(GT)	117,600	Ton	3/4" and Down Crushed Stone Base
ALTERNATE GROUP AA NUMBER 2					
3210	304-F002	(GT)	117,600	Ton	Size 610 Crushed Stone Base
ALTERNATE GROUP AA NUMBER 3					
3220	304-F003	(GT)	117,600	Ton	Size 825B Crushed Stone Base
ALTERNATE GROUP BB NUMBER 1					
3230	605-W002	(GY)	800	Cubic Yard	Filter Material for Combination Storm Drain and/or Underdrains, Type B, FM
ALTERNATE GROUP BB NUMBER 2					
3240	605-W003	(GY)	800	Cubic Yard	Filter Material for Combination Storm Drain and/or Underdrains, Type C, FM
Bridge Items					
3250	501-K001		5,588	Square Yard	Transverse Grooving
3260	605-AA001	(S)	2,476	Square Yard	Geotextile for Subsurface Drainage, Type III
3270	605-T002	(S)	3,262	Linear Feet	6" Perforated Pipe for Underdrains
3280	605-X002	(GY)	258	Cubic Yard	Filter Material for Filter Beds, Type A
3290	605-X003	(GY)	613	Cubic Yard	Filter Material for Filter Beds, Type B
3300	605-Y002	(GY)	1,059	Cubic Yard	Impervious Material, Type D
3310	803-C002	(S)	8,295	Linear Feet	14" x 14" Prestressed Concrete Piling
3320	803-D002	(S)	4,816	Linear Feet	HP 12 x 53 Steel Piling
3330	803-D006	(S)	7,608	Linear Feet	HP 14 x 73 Steel Piling
3340	803-D007	(S)	17,688	Linear Feet	HP 14 x 89 Steel Piling
3350	803-P015	(S)	5,425	Linear Feet	24" Steel Pipe Piling, Wall Thickness 0.625"
3360	804-C188	(S)	1,272	Linear Feet	80' Prestressed Concrete Beam, Type FIB-36
3370	804-C195	(S)	1,352	Linear Feet	85' Prestressed Concrete Beam, Type FIB-36
3380	804-C208	(S)	1,904	Linear Feet	60' Prestressed Concrete Beam, Type FIB-36
3390	804-C274	(S)	1,264	Linear Feet	40' Prestressed Concrete Beam, Type FIB-36
3400	805-A001	(S)	1,081,334	Pounds	Reinforcement
3410	805-C001	(S)	22,208	Pounds	Reinforcement, Corrosion Resistant
3420	813-A003	(S)	1,480	Linear Feet	Concrete Railing, 42"
3430	815-A007	(S)	6,937	Ton	Loose Riprap, Size 300
3440	815-E001	(S)	6,383	Square Yard	Geotextile under Riprap
3450	907-803-B001	(S)	7	Each	Conventional Static Pile Load Test [\$5,000.00]

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
3460	907-803-I002	(S)	2	Each	PDA Test Pile, Concrete Pile
3470	907-803-I003	(S)	23	Each	PDA Test Pile, HP Steel Pile
3480	907-803-I004	(S)	2	Each	PDA Test Pile, Steel Pipe Pile
3490	907-803-J001	(S)	27	Each	Pile Restrike
3500	907-804-A001	(S)	1,668	Cubic Yard	Bridge Concrete, Class BDx
3510	907-804-A002	(S)	882	Cubic Yard	Bridge Concrete, Class AA
3520	907-804-A003	(S)	4,726	Cubic Yard	Bridge Concrete, Class B
3530	907-823-A001		642	Linear Feet	Preformed Joint Seal, Type I

GENERAL INDEX		
INCLUDED THIS PROJECT	BEGIN WITH SHEET	
☒ ROADWAY.....	1	
☒ PERMANENT SIGNS.....	1001	
☒ TRAFFIC SIGNALS.....	2001	
☒ ITS COMPONENTS.....	3001	
☒ LIGHTING.....	4001	
☐ (RESERVED).....	5001	
☒ ROADWAY STD. DWGS.....	6001	
☐ BOX CULVERT STD. DWGS (LRFD).....	7001	
☒ BOX CULVERT STD. DWGS (STD. SPEC.).....	7501	
☒ BRIDGE.....	8001	
☒ CROSS SECTIONS.....	9001	

BRIDGE STRUCTURES REQ'D.

- 55 SB
A STA. 373+34.320 - STA. 375+41.822
SPANS: 1 @ 61'-3" 1 @ 85'. 1 @ 61'-3"
SKEW: 30 DEG. RT. FWD.
LENGTH: 207'-6"
55 NB
STA. 373+77.749 - STA. 375+85.251
SPANS: 1 @ 61'-3" 1 @ 85'. 1 @ 6'-3"
SKEW: 30 DEG. RT. FWD.
LENGTH: 207'-6"
- 55 SB
B STA. 420+95.554 - STA. 422+57.797
SPANS: 1 @ 41'-1 7/16", 1 @ 80',
1 @ 41'-1 7/16"
SKEW: 15 DEG. RT. FWD.
LENGTH:162'-2 7/8"
55 NB
STA. 421+12.878 - STA. 422+75.122
SPANS: 1 @ 41'-1 7/16", 1 @ 80',
1 @ 41'-1 7/16"
SKEW: 15 DEG. RT. FWD.
LENGTH: 162'-2 7/8"

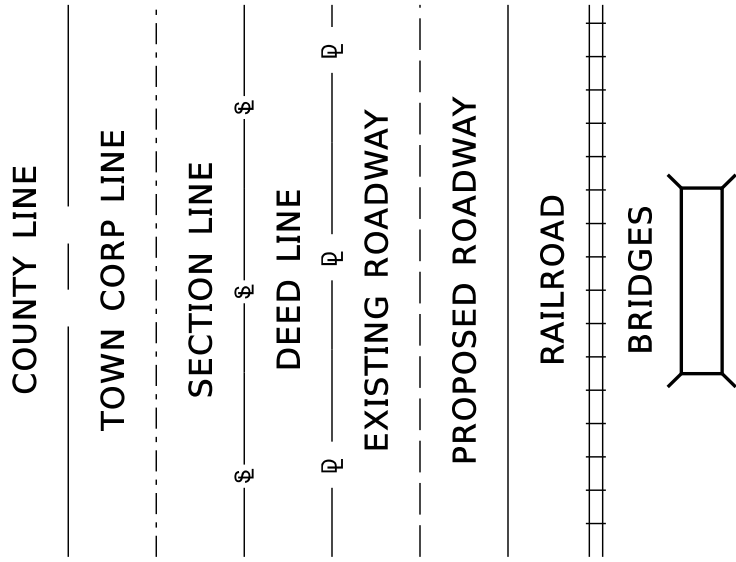
BOX BRIDGES REQ'D.
NONE

NOTES:

1) ACCESS TO AND EXIT FROM THIS HIGHWAY WILL BE PERMITTED ONLY THROUGH INTERCHANGE OR SUCH OTHER POINTS AS MAY BE ESTABLISHED BY PUBLIC AUTHORITY AND AS SHOWN ON THE PLANS.

2) THIS PROJECT IS DECLARED BY THE TRANSPORTATION COMMISSION TO BE A TYPE 1 CONTROLLED ACCESS FACILITY, AS DEFINED IN AND SUBJECT TO ALL RESTRICTIONS SHOWN BY ORDER OF SAID COMMISSION DATED 10th DAY OF JULY, 2018 IN MINUTE BOOK 21, PAGE 964 AND ALL ORDERS AND RESOLUTIONS THEREUNDER (1972, AS AMENDED).

CONVENTIONAL SYMBOLS



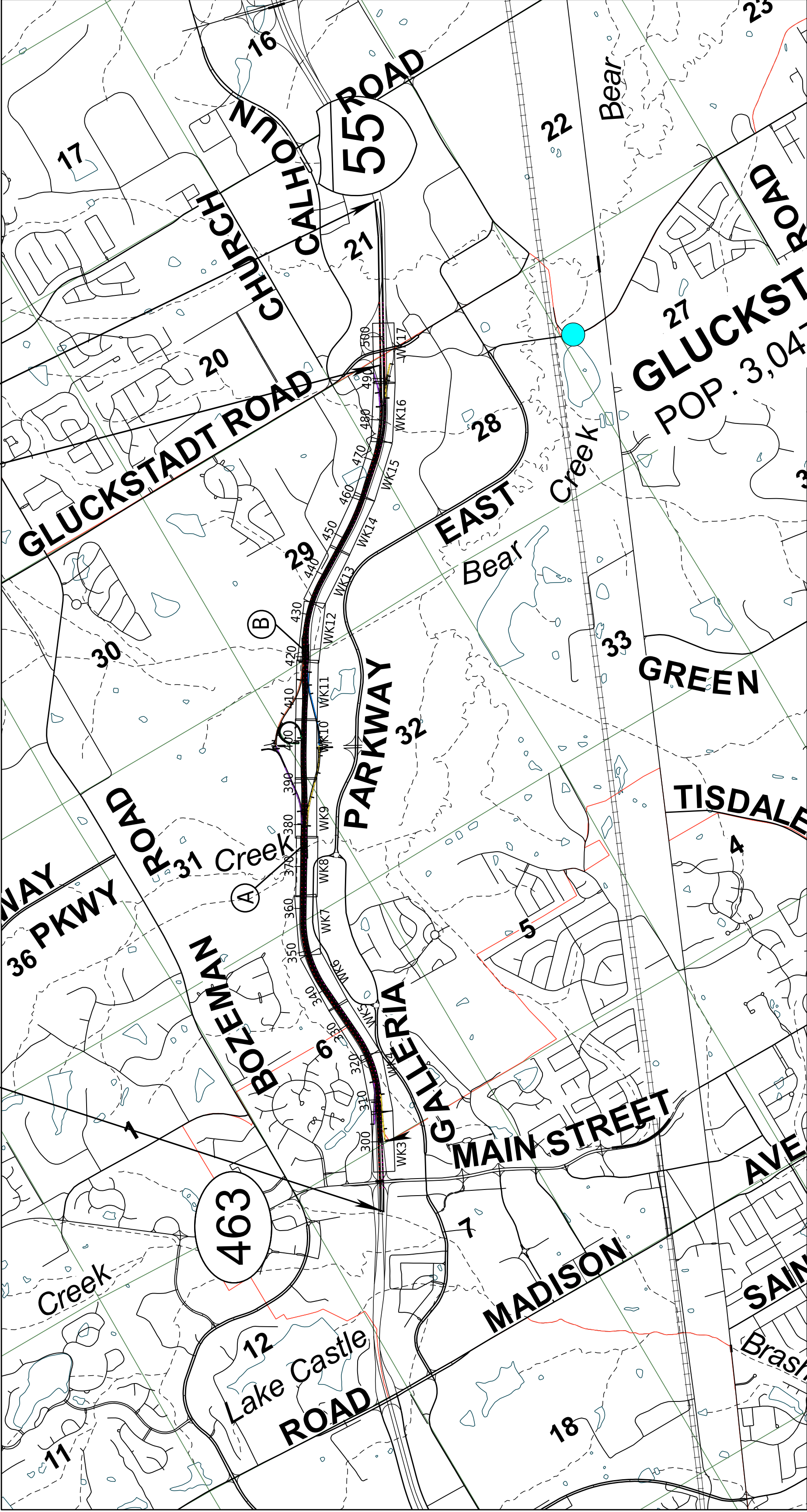
LENGTH DATA (NB)	
LENGTH OF ROADWAY	25,145.26 FT. 4.762 MI.
LENGTH OF BRIDGES	369.74 FT. 0.070 MI.
LENGTH OF PROJECT (NET)	25,515.00 FT. 4.832 MI.
LENGTH OF EXCEPTIONS	0.00 FT. 0.000 MI.
LENGTH OF PROJECT (GROSS)	25,515.00 FT. 4.832 MI.

STATE OF MISSISSIPPI
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

ADDENDUM

PLAN AND PROFILE OF
PROPOSED STATE HIGHWAY STP-0055-02(271)
FEDERAL AID PROJECT NO. STP-0055-02(275)

I-55 FROM SR 463 TO GLUCKSTADT ROAD
I-55 FROM GLUCKSTADT INTERCHANGE TO 0.77 MILES NORTH
B.O.P. STA. 283+25.000 — STA. 493+25.000 (END 301000)
(301000) — (BEGIN 302000)
T 7 N — E.O.P. STA. 538+40.000 (302000)



PLAN
PROFILE
LAYOUT

SCALES
1 IN.= 50 FT.
1 IN.= 50 FT.
1 IN.= 5 FT.
1 IN.= 4000 FT.

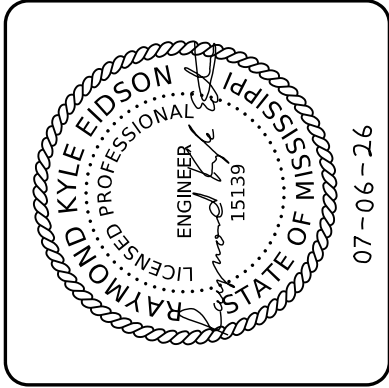
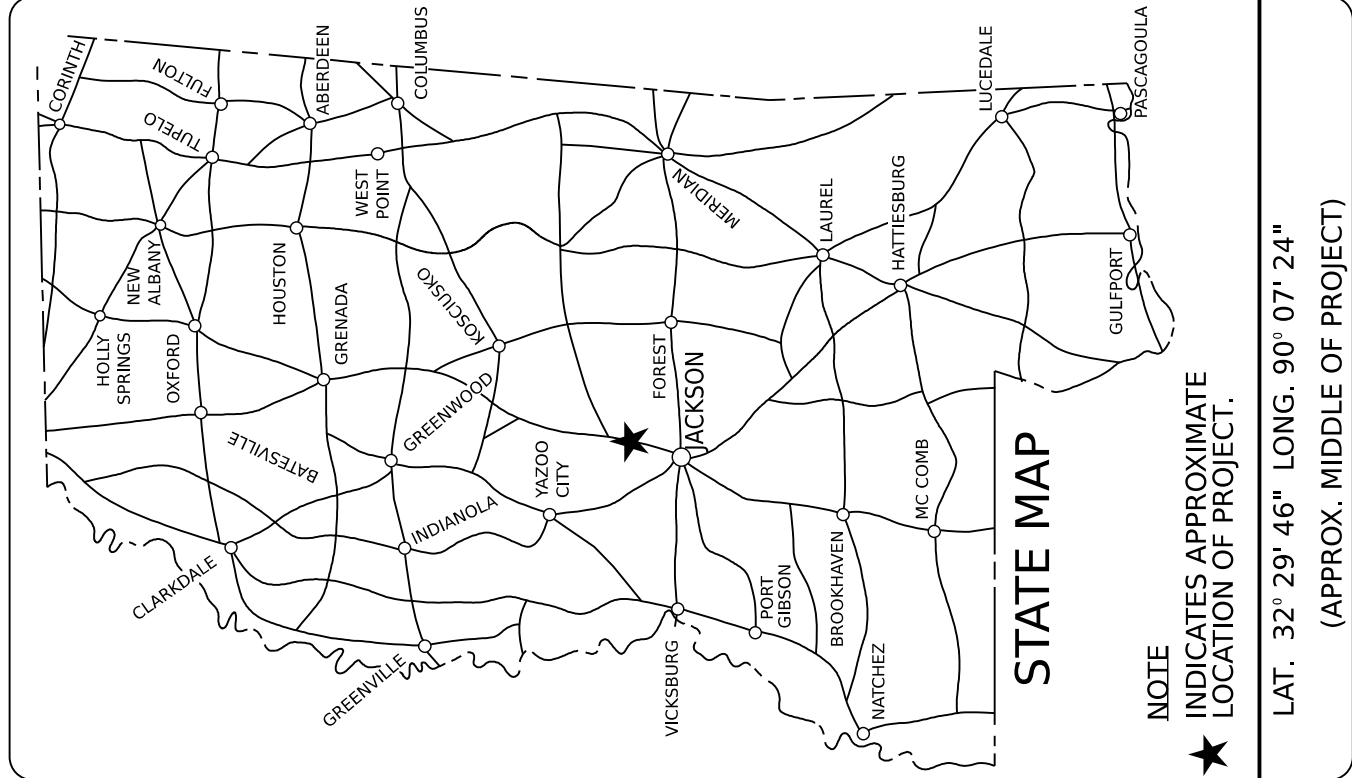
EXCEPTIONS

NONE

EQUATIONS

NONE

DESIGN CONTROL 70 MPH = V (SPEED DESIGN) ADT (2025) = 61200 : ADT (2045) = 112,500 DHV = 9330 : D = 55 % T = 11 %	PERMITS ACQUIRED BY MDOT WETLANDS AND WATERS PERMITS NATIONWIDE #14 ☒ Y NATIONWIDE (OTHER)* ☒ N GENERAL* ☒ N INDIVIDUAL (404)* ☒ N STORMWATER PERMIT ☒ Y Y REQUIRED, CNOI SUBMITTED BY MDOT (DISTURBED AREA=5 ACRES) S REQUIRED, SCNOI TO BE SUBMITTED BY S CONTRACTOR (1 TO 4.99 ACRES) N NO STORMWATER PERMIT N REQUIRED (<1 ACRE) APPROVED BY: _____
--	--



P S & E DATE:10-30-2025	
APPROVED:	
DEPUTY EXECUTIVE DIRECTOR / CHIEF ENGINEER	
EXECUTIVE DIRECTOR	

DESIGNED BY: NEEL-SCHAFFER INC.	
CONSTRUCTION PROJECT DATA	
EXTERNAL PROJECT NUMBER	STP-0055-02(271) STP-0055-02(275)
FMS & DETAIL	108168/301000 108168/302000

SUMMARY OF QUANTITIES (SHEET 3)					MADISON : 108168-301000	
PAY ITEM NO.	PAY ITEM	UNIT			Prelim	Final
406-D001	Fine Milling of Bituminous Pavement, All Depths	SY			231,701	
907-407-A001	Asphalt for Tack Coat	GAL			112,434	
907-413-E001	Sawing and Sealing Transverse Joints in Asphalt Pavement	LF			576	
423-A001	Rumble Strips, Ground In	MI			14	
907-501-F001	Concrete Lug Anchors	LF			640	
501-K001	Transverse Grooving	SY			222	
907-502-A001	Reinforced Cement Concrete Bridge End Pavement	SY			1,693	
503-C010	Saw Cut, Full Depth	LF			40,670	①
907-601-A001	Class "B" Structural Concrete	CY			302	
907-601-B001	Class "B" Structural Concrete, Minor Structures	CY			88	②
602-A001	Reinforcing Steel	LBS			48,821	③
603-ALT003	18" Type A Alternate Pipe	LF			72	
603-CA011	18" Reinforced Concrete Pipe, Class III	LF			1,032	
603-CA022	18" Reinforced Concrete Pipe, Class V, Jacked or Bored	LF			2,024	
603-CA026	24" Reinforced Concrete Pipe, Class III	LF			824	
603-CA038	24" Reinforced Concrete Pipe, Class V, Jacked or Bored	LF			632	
603-CA040	30" Reinforced Concrete Pipe, Class III	LF			8	
603-CA055	36" Reinforced Concrete Pipe, Class III	LF			96	
603-CA065	36" Reinforced Concrete Pipe, Class V, Jacked or Bored	LF			224	
603-CA066	42" Reinforced Concrete Pipe, Class III	LF			16	
603-CB003	18" Reinforced Concrete End Section	EA			28	
603-CB004	24" Reinforced Concrete End Section	EA			20	
603-CB005	30" Reinforced Concrete End Section	EA			1	
603-CB006	36" Reinforced Concrete End Section	EA			4	
603-CB007	42" Reinforced Concrete End Section	EA			2	
603-CE008	29" x 18" Concrete Arch Pipe, Class A III	LF			104	
603-CE018	44" x 27" Concrete Arch Pipe, Class A III	LF			88	
603-CE034	65" x 40" Concrete Arch Pipe, Class A III	LF			40	
603-CF003	29" x 18" Concrete Arch Pipe End Section	EA			2	
603-CF005	44" x 27" Concrete Arch Pipe End Section	EA			2	
603-CF008	65" x 40" Concrete Arch Pipe End Section	EA			2	
603-SB012	18" Branch Connections, Stub into Box Culvert	EA			4	
603-SB028	24" Branch Connections, Stub into Box Culvert	EA			2	
604-A001	Castings	LBS			79	
604-B001	Gratings	LBS			10,897	
605-AA001	Geotextile for Subsurface Drainage, Type III	SY			424	④
605-O002	4" Perforated Sewer Pipe for Underdrains, SDR 23.5	LF			762	④
605-P002	4" Non-perforated Sewer Pipe for Underdrains, SDR 23.5	LF			190	④
605-W001	Filter Material for Combination Storm Drain and/or Underdrains,Type A, FM	CY			29	④
605-W002	Filter Material for Combination Storm Drain and/or Underdrains,Type B, FM	CY			800	④

① ESTIMATED QUANTITY TO BE USED FOR PAVEMENT REMOVAL AS DIRECTED BY THE ENGINEER.

② INCLUDES 66 CU. YDS. FOR INLETS AND TOE WALLS, 8 CU. YDS. FOR JUNCTION BOXES AND 14 CU. YDS. FOR PERMANENT SIGNS.

③ INCLUDES 3428 LBS. FOR INLETS, 525 LBS FOR JUNCTION BOXES, 44529 LBS. FOR BOX CULVERTS AND 339 LBS. FOR PERMANENT SIGNS.

④ INCLUDES 10% INCREASE FROM CALCULATED QUANTITY TO BE USED AS DIRECTED BY THE ENGINEER FOR REPAIR AND/OR EXTENDING EXISTING EDGE DRAINS

DESIGNED BY: NEEL-SCHAFFER INC

CHECKED BY:

DATE:

FMS CON : 108168/301000

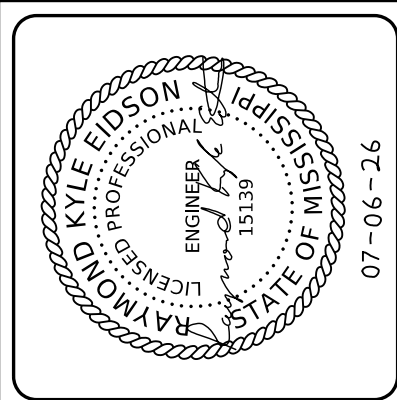
PROJECT NO.: STP-0055-02(271)

COUNTY: MADISON

SUMMARY OF QUANTITIES

SHEET ID
SQ-3

SHEET NO.
32



ADDENDUM

SUMMARY OF QUANTITIES (SHEET 4)

PAY ITEM NO.	PAY ITEM	UNIT	MADISON : 108168-301000	
			Prelim	Final
	OR			
605-W003	Filter Material for Combination Storm Drain and/or Underdrains,Type C, FM	CY	800	
606-B001	Guard Rail, Class A, Type 1	LF	550	
606-B006	Guard Rail, Class A, Type 1, Double Faced	LF	313	
606-C003	Guard Rail, Cable Anchor, Type 1	EA	1	
606-D022	Guard Rail, Bridge End Section, Type I	EA	4	
606-E001	Guard Rail, Terminal End Section	EA	5	
607-B018	60" Type I Chain Link Fence, Class II	LF	40,947	
607-E001	Barbed Wire Fence, Single Strand	LF	600	
607-G127	Gate, 3' x 60" Chain Link	EA	12	
607-P1003	Line Post, 14' x 2 1/2" Galvanized Steel	EA	8	
607-P1008	Line Post, 7" x 1 1/2" Galvanized Steel	EA	3,834	
607-P2004	Brace Post, 7 1/2' x 2" Galvanized Steel	EA	247	
607-P2022	Brace Post, 5' x 2 1/2" Galvanized Steel	EA	8	
607-P3004	Gate Post, 8' x 2 1/2" Galvanized Steel	EA	24	
608-A001	Concrete Sidewalk, Without Reinforcement	SY	870	
907-608-C001	Detectable Warning Panels	SF	120	
609-C001	Concrete Integral Curb, Type 1	LF	173	
609-D004	Combination Concrete Curb and Gutter Type 2 Modified	LF	1,785	
609-D007	Combination Concrete Curb and Gutter Type 3 Modified	LF	3,101	
612-B001	Flowable Fill, Non-Excavatable	CY	22	
615-A004	Concrete Bridge End Barrier, 43.5"	LF	287	
615-A007	Concrete Pier Protection Barrier, 54"	LF	256	
615-A023	Concrete Type IV Modified, 42" Height, Cast-in-Place Median Barrier	LF	34,372	
616-A001	Concrete Median and/or Island Pavement, 10-inch	SY	155	
616-A004	Concrete Median and/or Island Pavement, 4-inch	SY	1,127	
616-B001	Bituminous Median and/or Island Pavement	SY	776	
617-A001	Right-of-Way Marker	EA	3	
907-618-A001	Maintenance of Traffic	LS	1	
907-618-M1001	Service Patrol	LS	1	
907-618-M2001	Work Zone Law Enforcement	HRS	4,640	
619-A1001	Temporary Traffic Stripe, Continuous White	MI	75	
619-A2001	Temporary Traffic Stripe, Continuous Yellow	MI	73	
619-A3001	Temporary Traffic Stripe, Skip White	MI	88	
619-A5001	Temporary Traffic Stripe, Detail	LF	121,341	
619-A6001	Temporary Traffic Stripe, Legend	SF	2,454	
619-A6002	Temporary Traffic Stripe, Legend	LF	1,192	
619-C6001	Red-Clear Reflective High Performance Raised Marker	EA	18,826	
619-C8001	One-Way Clear Reflective High Performance Raised Marker	EA	2,075	
619-C9001	One-Way Yellow Reflective High Performance Raised Marker	EA	2,099	
619-D1001	Standard Roadside Construction Signs, Less than 10 Square Feet	SF	79	

- ① INCLUDES 4892 LIN. FT. INSTALLED ON SPECIAL DESIGN WALL.. SEE BRIDGE SHEET NUMBERS 8101-8127.
- ② LENGTH OF GUARDRAIL REQUIRED IS BASED ON A TERMINAL SECTION OF 37.5 FEET BEING USED. FOR ANY OTHER LENGTH TERMINAL SECTION, THE LENGTH OF NORMAL GUARDRAIL WILL BE ADJUSTED.
- ③ INCLUDES 10% INCREASE FROM CALCULATED QUANTITY TO BE USED AS DIRECTED BY THE ENGINEER FOR REPAIR AND/OR EXTENDING EXISTING EDGE DRAINS
- ④ DARK GREY COLOR TO BE USED.



ADDENDUM

DESIGNED BY: NEEL-SCHAFFER INC	DETAILED BY:	CHECKED BY:	DATE:
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FMS CON: 108168/301000	PROJECT NO.: STP-0055-02(271)	COUNTY: MADISON
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SUMMARY OF QUANTITIES

SHEET ID SQ-4
SHEET NO. 33

SUMMARY OF QUANTITIES (SHEET 5)									
PAY ITEM NO.	PAY ITEM	UNIT	MADISON : 108168-301000						
			Prelim	Final					
619-D2001	Standard Roadside Construction Signs, 10 Square Feet or More	SF	1,744						
907-619-E3001	Changeable Message Sign	EA	1						
619-F1001	Concrete Median Barrier, Precast	LF	1,000						
619-F2001	Remove and Reset Concrete Median Barrier, Precast	LF	84,948						
619-G4005	Barricades, Type III, Single Faced	LF	204						
619-G5001	Free Standing Plastic Drums	EA	847						
619-G7001	Warning Lights, Type "B"	EA	20						
619-J1004	Impact Attenuator, 60 MPH	EA	4						
619-J2004	Impact Attenuator, 60 MPH, Replacement Package	EA	4						
619-J3001	Remove and Reset Impact Attenuator	EA	20						
907-619-M1002	Smart Work Zone, Portable Queue Trailer	EA	17						
907-619-M1003	Smart Work Zone, Portable Camera Trailer	EA	7						
907-619-M1004	Smart Work Zone, Portable Message Board Trailer	EA	8						
907-619-M2001	Smart Work Zone, Portable Queue Trailer, Operational Month	EA	42						
907-619-M2002	Smart Work Zone, Portable Camera Trailer, Operational Month	EA	42						
907-619-M2003	Smart Work Zone, Portable Message Board Trailer, Operational Month	EA	42						
907-619-M2004	Smart Work Zone, Portable Bluetooth Detection System, Additional Device, Operational Month	EA	42						
907-619-M3002	Smart Work Zone, System Monitoring, Operational Month	EA	42						
620-A001	Mobilization	LS	1						
622-A004	Engineer's Field Office Building, Type 3	EA	1						
907-626-A010	6" Thermoplastic Traffic Stripe, Skip White	MI	18						
907-626-B006	6" Thermoplastic Traffic Stripe, Continuous White	MI	10						
907-626-E005	6" Thermoplastic Traffic Stripe, Continuous Yellow	MI	10						
907-626-G004	Thermoplastic Detail Stripe, White	LF	28,978						
907-626-G005	Thermoplastic Detail Stripe, Yellow	LF	1,537						
907-626-H009	Thermoplastic Legend, White	SF	607						
907-626-H010	Thermoplastic Legend, White	LF	596						
907-627-K001	Red-Clear Reflective High Performance Raised Markers	EA	4,439						
629-A005	Vehicular Impact Attenuator, 70 MPH	EA	1						
630-A001	Standard Roadside Signs, Sheet Aluminum, 0.080" Thickness	SF	178						
630-A003	Standard Roadside Signs, Sheet Aluminum, 0.125" Thickness	SF	469						
630-A005	Standard Roadside Signs, Sheet Aluminum, 0.1" Thickness	SF	349						
630-B002	Interstate Directional Signs, Bolted Extruded Aluminum Panels, Ground Mounted	SF	378						
630-B003	Interstate Directional Signs, Bolted Extruded Aluminum Panels, Overhead Mounted	SF	7,776						
630-C001	Square Tube Posts, 4.0 lb/ft	LF	559						
630-C004	Square Tube Posts, 9.0 lb/ft	LF	136						
630-C005	Square Tube Posts, 2.0 lb/ft	LF	944						
630-C1001	Square Post Inner Sleeve	LF	64						
630-D006	Structural Steel Beams, W6 x 12	LF	51						
630-D008	Structural Steel Beams, W6 x 9	LF	136						
630-E001	Structural Steel Angles & Bars, 3 1/2" x 3 1/2" x 1/4" Angles	LBS	63						
630-E002	Structural Steel Angles & Bars, 3" x 3" x 1/4" Angles	LBS	132						

- 1
- ESTIMATED QUANTITY TO BE USED AS DIRECTED BY THE ENGINEER.
- 2
- INCLUDES OMNI SLEEVE.

DESIGNED BY: NEEL-SCHAFFER INC

Detailed By:

Checked By:

DATE:

PROJECT NO.: STP-0055-02(271)

COUNTY: MADISON

FMS CON: 108168/301000

SUMMARY OF QUANTITIES

SHEET ID
SQ-5

SHEET NO.
34

07-06-26

15139

ENGINEER

PROFESSIONAL SEAL

KYLE EDISON

STATE OF MISSISSIPPI

ADDENDUM

PLAN SHEET

SQS-SH-SUMMARY OF QUANTITIES.dgn

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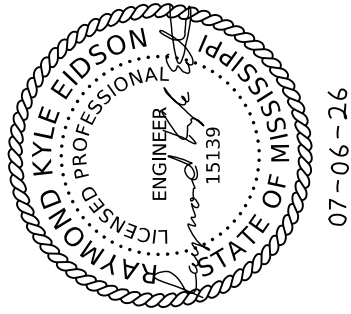
7/12/2026

SUMMARY OF QUANTITIES (SHEET 6)

PAY ITEM NO.	PAY ITEM	UNIT	MADISON : 108168-301000	
			Prelim	Final
630-F006	Delineators, Guard Rail, White	EA	28	
630-F007	Delineators, Guard Rail, Yellow	EA	10	
630-F010	Delineators, Post Mounted, Double White	EA	152	
630-F011	Delineators, Post Mounted, Double Yellow	EA	54	
630-F012	Delineators, Post Mounted, Single White	EA	61	
630-F013	Delineators, Post Mounted, Single Yellow	EA	14	
630-G004	Type 3 Object Markers, OM-3R or OM-3L	EA	4	
630-I003	Metal Overhead Sign Supports, Assembly No. 1, Contractor Designed	LS	1	
630-I004	Metal Overhead Sign Supports, Assembly No. 10, Contractor Designed	LS	1	
630-I005	Metal Overhead Sign Supports, Assembly No. 11, Contractor Designed	LS	1	
630-I006	Metal Overhead Sign Supports, Assembly No. 12, Contractor Designed	LS	1	
630-I007	Metal Overhead Sign Supports, Assembly No. 13, Contractor Designed	LS	1	
630-I008	Metal Overhead Sign Supports, Assembly No. 14, Contractor Designed	LS	1	
630-I009	Metal Overhead Sign Supports, Assembly No. 15, Contractor Designed	LS	1	
630-I010	Metal Overhead Sign Supports, Assembly No. 16, Contractor Designed	LS	1	
630-I015	Metal Overhead Sign Supports, Assembly No. 2, Contractor Designed	LS	1	
630-I020	Metal Overhead Sign Supports, Assembly No. 3, Contractor Designed	LS	1	
630-I022	Metal Overhead Sign Supports, Assembly No. 4, Contractor Designed	LS	1	
630-I024	Metal Overhead Sign Supports, Assembly No. 5, Contractor Designed	LS	1	
630-I025	Metal Overhead Sign Supports, Assembly No. 6, Contractor Designed	LS	1	
630-I026	Metal Overhead Sign Supports, Assembly No. 7, Contractor Designed	LS	1	
630-I027	Metal Overhead Sign Supports, Assembly No. 8, Contractor Designed	LS	1	
630-I028	Metal Overhead Sign Supports, Assembly No. 9, Contractor Designed	LS	1	
907-632-A007	Solid State Traffic Cabinet Assembly, Type III Cabinet, Type 1 Controller	EA	2	
907-632-D001	Solid State Traffic Actuated Controller, Type 1	EA	2	
907-632-G001	Malfunction Management Unit	EA	2	
907-632-J001	Power Service Pedestal	EA	6	
907-634-A047	Traffic Signal Equipment Pole, Type II(L), 30' Shaft, 55' Arm	EA	1	
907-634-A083	Traffic Signal Equipment Pole, Type II, 17' Shaft, 45' Arm	EA	1	
907-634-A374	Traffic Signal Equipment Pole, Type III, 17' Shaft, 35' & 40' Arms	EA	1	
907-634-A397	Traffic Signal Equipment Pole, Type III, 17' Shaft, 50' & 50' Arms	EA	1	
907-634-A545	Traffic Signal Equipment Pole, Type VI, 8' Shaft	EA	1	
907-634-C001	Pole Foundations, Class "B" Concrete	CY	16	
907-634-E001	Camera Pole with Foundation, 50' Pole	EA	4	
635-A059	Traffic Signal Head, Type 1	EA	12	
635-A065	Traffic Signal Head, Type 2 FYA	EA	2	
635-A070	Traffic Signal Head, Type 3	EA	2	
635-A073	Traffic Signal Head, Type 4	EA	1	
635-A076	Traffic Signal Head, Type 6	EA	2	
907-636-B003	Electric Cable, Underground in Conduit, IMSA 20-1, AWG 10, 2 Conductor	LF	190	
907-636-B014	Electric Cable, Underground in Conduit, IMSA 20-1, AWG 14, 5 Conductor	LF	425	
907-636-B016	Electric Cable, Underground in Conduit, IMSA 20-1, AWG 14, 8 Conductor	LF	915	

- 1 NEW TRAFFIC SIGNAL CONTROLLERS / MMU'S / AND/OR CONTROLLER CABINETS SHALL BE THE LATEST MODEL AND EQUIPPED WITH 5.2.2 FIRMWARE. CONTRACTOR SHALL SUPPLY THUMB DRIVE WITH LATEST TIMINGS IN EACH CABINET. CABINETS WILL NO LONGER REQUIRE CARD RACK.
- 2 THIS PAY ITEM INCLUDES QUANTITIES SHOWN ON BOTH THE TRAFFIC SIGNAL EQ SHEET AND THE ITS EQ SHEET. POWER SERVICE SHALL REQUIRE NEW POWER PEDESTAL AND SERVICE. THE SIGNAL CONTRACTOR SHALL BE RESPONSIBLE FOR MAKING ANY NECESSARY ARRANGEMENTS WITH POWER COMPANY PROVIDER FOR THE NEW POWER SERVICE. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL UTILITY MAKE-READY COST INCURRED TO PROVIDE POWER SERVICE TO THE EQUIPMENT, NOT A SEPARATE PAY ITEM (COST ABSORBED UNDER OTHER SIGNAL ITEMS).
- 3 POWER SERVICE SHALL REQUIRE NEW POWER PEDESTAL AND SERVICE. THE SIGNAL CONTRACTOR SHALL BE RESPONSIBLE FOR MAKING ANY NECESSARY ARRANGEMENTS WITH POWER COMPANY PROVIDER FOR THE NEW POWER SERVICE. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL UTILITY MAKE-READY COST INCURRED TO PROVIDE POWER SERVICE TO THE EQUIPMENT, NOT A SEPARATE PAY ITEM (COST ABSORBED UNDER OTHER SIGNAL ITEMS).
- 4 POLES SHALL BE BLACK IN COLOR. THEY SHALL BE ROUND. POLYHEDRAL (MULTI-SIDED) POLES SHALL NOT BE ALLOWED.
- 5 PEDESTAL POLES SHALL BE BLACK IN COLOR. THEY SHALL USE SQUARE BASES.
- 6 TRAFFIC SIGNAL HEADS SHALL BE BLACK IN COLOR WITH BLACK BACK PLATES.
- 7 TO BE USED TO SUPPORT DYNAMIC MESSAGE SIGN, TYPE 1.
- 8 TO BE USED TO INSTALL TRAFFIC SIGNAL EQUIPMENT ITEMS.

ADDENDUM



DESIGNED BY: NEEL-SCHAFFER INC

DETAILED BY:

CHECKED BY:

DATE:

FMS CON: 108168/301000

PROJECT NO.: STP-0055-02(271)

COUNTY: MADISON

SUMMARY OF QUANTITIES

SUMMARY OF QUANTITIES (SHEET 7)

PAY ITEM NO.	PAY ITEM	UNIT	MADISON : 108168-301000	
			Prelim	Final
907-636-B025	Electric Cable, Underground in Conduit, IMSA 20-1, AWG 6, 3 Conductor	LF	225	
907-636-B043	Electric Cable, Underground in Conduit, THHN, AWG #2, 4 Conductor	LF	40	
907-636-B053	Electric Cable, Underground in Conduit, THHN, AWG #6, 3 Conductor	LF	1,120	
907-636-D001	Electric Cable, Aerial Supported in Conduit, IMSA 20-1, AWG 10, 2 Conductor	LF	40	
907-636-D006	Electric Cable, Aerial Supported in Conduit, IMSA 20-1, AWG 14, 5 Conductor	LF	20	
907-636-D008	Electric Cable, Aerial Supported in Conduit, IMSA 20-1, AWG 14, 8 Conductor	LF	380	
907-636-D022	Electric Cable, Aerial Supported in Conduit, IMSA 20-1, AWG 6, 3 Conductor	LF	40	
907-637-A002	Pullbox Enclosure, Type 2	EA	17	
907-637-A003	Pullbox Enclosure, Type 3	EA	2	
907-637-A004	Pullbox Enclosure, Type 4	EA	16	
907-637-A005	Pullbox Enclosure, Type 5	EA	11	
907-637-C028	Traffic Signal Conduit, Underground, Type 4, 2"	LF	160	
907-637-C030	Traffic Signal Conduit, Underground, Type 4, 3"	LF	105	
907-637-D003	Traffic Signal Conduit, Underground Drilled or Jacked, Rolled Pipe, 3"	LF	670	
907-637-H001	Traffic Signal Conduit Bank, Underground, Rolled Pipe, 2 @ 2"	LF	160	
907-637-H002	Traffic Signal Conduit Bank, Underground, Rolled Pipe, 2"	LF	445	
907-637-I001	Traffic Signal Conduit Bank, Underground, Drilled or Jacked, Rolled Pipe, 2 @ 2"	LF	23,495	
907-637-I002	Traffic Signal Conduit Bank, Underground, Drilled or Jacked, Rolled Pipe, 2"	LF	760	
907-640-B001	Shielded Cable, AWG #14, 2 Conductor	LF	440	
907-641-A002	Signal Stop Bar Radar Vehicle Detection Sensor, Type 2	EA	6	
907-641-B002	Signal Advanced Radar Vehicle Detection Sensor, Type 2	EA	8	
907-641-C002	ITS Radar Vehicle Detection Sensor	EA	2	
907-641-D001	Radar Vehicle Detection Cable	LF	2,505	
907-641-F002	Signal Radar Vehicle Detection Processor, Type 2	EA	4	
907-641-G002	ITS Radar Vehicle Detection Processor, Type 2	EA	2	
907-645-B001	Accessible Pedestrian Detection Assembly	EA	2	
647-A001	Removal of Existing Traffic Signal Equipment	LS	1	
907-650-A002	On Street Video Equipment, Fixed Type	EA	26	
907-650-A003	On Street Video Equipment, PTZ Type	EA	6	
907-650-A004	On Street Video Equipment, PTZ Type, Signal Monitoring	EA	5	
907-653-A001	Traffic Sign	SF	27	
907-656-A001	Dynamic Message Sign, Type 1	EA	1	
907-659-A001	Traffic Management Center Modifications	LS	1	
907-660-A002	Equipment Cabinet, Type B	EA	5	
907-660-A003	Equipment Cabinet, Type C	EA	1	
907-661-A004	Fiber Optic Cable, 72 SM	LF	20,470	
907-661-B002	Fiber Optic Drop Cable, 12 SM	LF	3,805	
907-663-A001	Network Switch, Type A	EA	10	
907-663-A002	Network Switch, Type B	EA	1	
907-663-A003	Network Switch, Type C	EA	1	
907-663-A005	Network Switch, Type E	EA	2	
907-666-A001	Bluetooth Detection System, Type A	EA	2	

- 1 THIS PAY ITEM INCLUDES QUANTITIES SHOWN ON BOTH THE TRAFFIC SIGNAL EQ SHEET AND THE ITS EQ SHEET.
- 2 TO BE USED TO INSTALL TRAFFIC SIGNAL EQUIPMENT ITEMS.
- 3 TO BE USED TO INSTALL ITS EQUIPMENT ITEMS.
- 4 SIGNAL CABLE IN POLES AND ARMS. AWG 10, 2c - MEASUREMENT WILL BE COMPUTED HORIZONTALLY ALONG THE LUMINAIRE ARM AND VERTICALLY ALONG THE POLE. AWG 14, 5c - MEASUREMENT WILL BE COMPUTED VERTICALLY ALONG THE MAST ARM OR PEDESTAL POLE. AWG 14, 8c - MEASUREMENT WILL BE COMPUTED HORIZONTALLY ALONG THE MAST ARM AND VERTICALLY ALONG THE POLE. AWG 6, 3c - MEASUREMENT WILL BE COMPUTED VERTICALLY ALONG THE RISER GOING UP THE POWER SERVICE POLE.
- 5 SHALL BE USED TO POWER ACCESSIBLE PEDESTRIAN DETECTION ASSEMBLY (APS PUSHBUTTONS). MEASUREMENT WILL BE COMPUTED HORIZONTALLY AND VERTICALLY ALONG THE POLE.
- 6 POWER TO BE SUPPLIED OVER VEHICLE DETECTION CABLE.
- 7 INCLUDES PUSHBUTTON AND SIGN. PEDESTRIAN PUSH BUTTONS SHALL BE TOUCHLESS ACCESSIBLE PEDESTRIAN DETECTION ASSEMBLY (APS). THEY SHALL BE BLACK IN COLOR. SIGN SHALL BE 9" x 15" TOUCHLESS SIGN STATING: PUSH OR WAVE AT BUTTON AND SHOWING WALKING MAN SYMBOL.
- 8 ITS PTZ UNITS SHALL BE COHU RISE 4220HD SERIES OR APPROVED EQUAL. CAMERAS SHALL INTEGRATE WELL INTO THE MDOT ATMS SYSTEM. THEY SHALL BE DIGITAL (IP) TYPE CAMERAS PER THE PROJECT SPECIFICATIONS. INCLUDES ALL EQUIPMENT NECESSARY FOR A COMPLETE AND OPERABLE UNIT. CABLES REQUIRED TO SUPPLY POWER, VIDEO, AND/OR CONTROL WILL NOT BE MEASURED FOR SEPARATE PAYMENT AND SHALL BE COST ABSORBED.
- 9 TO BE FULL COLOR (RGB), INCLUDES ALL EQUIPMENT NECESSARY FOR A COMPLETE AND OPERABLE UNIT. INCLUDING, BUT NOT LIMITED TO POWER CABLES, COMMUNICATION CABLES, AND DMS EQUIPMENT CABINETS (TYPE C). REFER TO DMS DETAIL SHEETS SHOWN IN THE PLANS.
- 10 REFER TO NTB ENTITLED "TRAFFIC MANAGEMENT CENTER (TMC) MODIFICATIONS".
- 11 SHOWN ON THE PLANS AS F.O. CABLE OR F.O. DROP. INCLUDES F.O. DROP PANELS, TERMINATION PANELS, AND TERMINATION OF ALL FIBERS AS SHOWN ON THE PLANS. ALL SPLICES AND CONNECTIONS TO BE COST ABSORBED. CONDUIT THAT CARRIES FIBER OPTIC CABLE OR DROP CABLE SHALL CONTAIN AN AWG #10 ORANGE DETECTOR CABLE (TRACER WIRE). COST SHALL BE ABSORBED UNDER PAY ITEM NO. 907-661-A004 OR 907-661-B002. PAY ITEMS INCLUDE CONTRACTOR TO SUBMIT AS-BUILTS FOR THE NEWLY INSTALLED FIBER OPTIC CABLES (INCLUDING FIBER TRUNK AND FIBER DROPS), ITS PULLBOXES, AND ITS/SIGNAL CABINETS WITH AN ACCURACY WITHIN THREE FEET. ALL SURVEY MUST BE PROVIDED TO MDOT IS DIVISION IN BOTH A KMZ FILE AND SHAPETILE FORMATS. THIS WORK SHALL BE COST ABSORBED UNDER PAY ITEMS 907-661-A004 AND 907-661-B002.
- 12 INCLUDES 14 FOR SMART WORK ZONE SYSTEM.
- 13 TYPE C NETWORK SWITCH SHALL BE CISCO CATALYST 9404 TYPE C SWITCH. IT SHALL BE SUPPLIED WITH TWO 10Gb TRANSCEIVERS. TYPE E NETWORK SWITCH SHALL BE CISCO MODEL IE-9320-2252C4X-A, AN E2 SWITCH WITH 10 Gb TRANSCEIVERS FOR THE BLUE TUBE FIBER. TYPE C AND TYPE E SWITCHES SHALL BE DELIVERED TO MDOT IS DIVISION FOR CONFIGURATION.
- 14 INCLUDES TRAFFIC SIGNAL AND ITS ITEMS. CONTRACTOR SHALL REMOVE ALL UNUSED EQUIPMENT / SIGNAL ITEMS / ITS ITEMS. SALVAGABLE EQUIPMENT SUCH AS CONTROLLERS, MMUS, NETWORK SWITCHES, DETECTION PLATFORMS, ETC. SHALL BE RETURNED TO MDOT (CONTRACTOR SHALL CONTACT MDOT TO DETERMINE WHAT EQUIPMENT THEY WISH TO RECEIVE). PAY ITEM INCLUDES DELIVERY TO MDOT. DISPOSAL OF UNWANTED ITEMS SHALL BE INCLUDED IN THIS PAY ITEM WITH NO ADDITION COST TO THE PROJECT.
- 15 USED FOR SMART WORK ZONE SYSTEM.



ADDENDUM

DESIGNED BY: NEEL-SCHAFFER INC

DETAILED BY:

CHECKED BY:

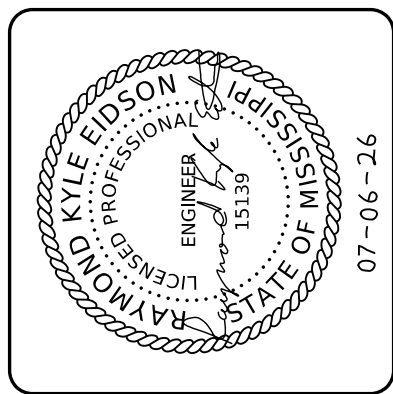
DATE:

FMS CON: 108168/301000

PROJECT NO.: STP-0055-02(271)

COUNTY: MADISON

SUMMARY OF QUANTITIES



ADDENDUM

DESIGNED BY: NEEL-SCHAFFER INC

Detailed By:

Checked By:

DATE:

FMS CON: 108168/301000

PROJECT NO.: STP-0055-02(271)

COUNTY: MADISON

SUMMARY OF QUANTITIES

SHEET ID
SQ-8

SHEET NO.
37

- 1 SLIP CASINGS FOR BID PURPOSE ONLY. THE SLIP CASINGS SHALL BE USED ONLY AS DIRECTED BY THE ENGINEER.
- 2 INCLUDES 12 JUNCTION BOXES AT LOW MAST LIGHTING ASSEMBLIES AND 9 JUNCTION BOXES LOCATED AT HIGH MAST LIGHTING ASSEMBLIES
- 3 ESTIMATED QUANTITY ROUNDED TO NEAREST 50 TONS
- 4 INCLUDES 2777 TONS TO BE USED AS DIRECTED BY THE ENGINEER
- 5 INCLUDES ANY REQUIRED MODIFICATIONS AT 2 EXISTING SECONDARY POWER CONTROLLERS. COST ABSORBED.

SUMMARY OF QUANTITIES (SHEET 8)				
PAY ITEM NO.	PAY ITEM	UNIT	MADISON : 108168-301000	
			Prelim	Final
682-A005	Underground Branch Circuit, AWG 1/0, 3 Conductor	LF	4,378	
682-A007	Underground Branch Circuit, AWG 1/0, 5 Conductor	LF	2,642	
682-A018	Underground Branch Circuit, AWG 2, 3 Conductor	LF	8,904	
682-A034	Underground Branch Circuit, AWG 6, 3 Conductor	LF	3,180	
682-A039	Underground Branch Circuit, AWG 8, 3 Conductor	LF	1,680	
907-682-A1011	Branch Circuit Wire, AWG #2, 3 Conductor	LF	440	
907-682-A1019	Branch Circuit Wire, AWG #4, 3 Conductor	LF	830	
682-B005	Underground Branch Circuit, Jacked or Bored, AWG 1/0, 3 Conductor	LF	90	
682-B007	Underground Branch Circuit, Jacked or Bored, AWG 1/0, 5 Conductor	LF	90	
682-B016	Underground Branch Circuit, Jacked or Bored, AWG 2, 3 Conductor	LF	620	
682-B025	Underground Branch Circuit, Jacked or Bored, AWG 4, 3 Conductor	LF	870	
682-B032	Underground Branch Circuit, Jacked or Bored, AWG 6, 3 Conductor	LF	490	
682-B037	Underground Branch Circuit, Jacked or Bored, AWG 8, 3 Conductor	LF	340	
682-C006	Structure Mounted Branch Circuit, AWG 1/0, 5 Conductor	LF	200	
682-C009	Structure Mounted Branch Circuit, AWG 10, 3 Conductor	LF	480	
682-C015	Structure Mounted Branch Circuit, AWG 2, 3 Conductor	LF	150	
682-D002	Structure Mounted Pull Box	EA	10	
682-D003	Underground Pull Box	EA	38	
682-E001	Structure Mounted Junction Box	EA	3	
682-E003	Underground Junction Box With Concrete Pad	EA	21	2
682-F002	Secondary Power Controllers	EA	3	5
683-A002	Lighting Assembly, High Mast, LED, Type 120-4-A	EA	32	
683-A124	Lighting Assembly, High Mast, LED, Type 120-8-S	EA	4	
683-A137	Lighting Assembly, High Mast, LED, Type 120-8-A	EA	1	
683-A138	Lighting Assembly, High Mast, LED, Type 120-6-A	EA	1	
683-B212	Lighting Assembly, Low Mast, LED, Type 40-1-8-110	EA	11	
683-B213	Lighting Assembly, Low Mast, LED, Type 40-2-8-110	EA	1	
683-C010	Lighting Assembly, Underpass, Type UP	EA	8	
683-D001	Portable Electric Power Units	EA	1	
684-A003	Pole Foundation, 24" Diameter	CY	12	
684-A006	Pole Foundation, 42" Diameter	CY	271	
684-B003	Slip Casing, 24" Diameter	LF	8	1
684-B006	Slip Casing, 42" Diameter	LF	20	1
699-A001	Roadway Construction Stakes	LS	1	
815-A002	Loose Riprap, Size 100	TON	1,250	3
815-A007	Loose Riprap, Size 300	TON	7,050	3
815-E001	Geotextile under Riprap	SY	8,681	
815-F002	Sediment Control Stone	TON	3,000	4

SUMMARY OF QUANTITIES (SHEET 9)					MADISON : 108168-302000	
PAY ITEM NO.	PAY ITEM	UNIT	Prelim	Final		
201-D001	Random Clearing	STA	16			
202-B096	Removal of Debris and Sand From Box Culvert, 10-foot and Greater Width	LF	142			
202-B276	Removal of Debris from Drainage Channel	LF	325			
223-A001	Mowing	ACRE	176			
304-D002	Granular Material, Crushed Stone	TON	1,300			
907-402-A002	Open Graded Friction Course, 9.5-mm Mixture	TON	1,616			
907-402-B001	Bituminous Tack Coat	GAL	3,841			
907-403-A013	9.5-mm, HT, Asphalt Pavement	TON	1,725			
907-403-A015	9.5-mm, ST, Asphalt Pavement	TON	608			
907-403-S001	Joint Sealant	MI	2			
907-405-A001	Stone Matrix Asphalt, 9.5 mm Mixture	TON	3,001			
406-D001	Fine Milling of Bituminous Pavement, All Depths	SY	71,004			
907-407-A001	Asphalt for Tack Coat	GAL	4,382			
423-A001	Rumble Strips, Ground In	MI	3			
907-618-A001	Maintenance of Traffic	LS	1			
619-A1001	Temporary Traffic Stripe, Continuous White	MI	9			
619-A2001	Temporary Traffic Stripe, Continuous Yellow	MI	8			
619-A3001	Temporary Traffic Stripe, Skip White	MI	8			
619-A5001	Temporary Traffic Stripe, Detail	LF	21,650			
619-A6001	Temporary Traffic Stripe, Legend	SF	977			
619-A6002	Temporary Traffic Stripe, Legend	LF	1,376			
619-C6001	Red-Clear Reflective High Performance Raised Marker	EA	1,521			
619-D1001	Standard Roadside Construction Signs, Less than 10 Square Feet	SF	16			
619-D2001	Standard Roadside Construction Signs, 10 Square Feet or More	SF	316			
907-619-E3001	Changeable Message Sign	EA	1			
619-G4005	Barricades, Type III, Single Faced	LF	24			
619-G7001	Warning Lights, Type "B"	EA	2			
907-619-M1002	Smart Work Zone, Portable Queue Trailer	EA	7			
907-619-M1003	Smart Work Zone, Portable Camera Trailer	EA	3			
907-619-M1004	Smart Work Zone, Portable Message Board Trailer	EA	4			
907-619-M2001	Smart Work Zone, Portable Queue Trailer, Operational Month	EA	42			
907-619-M2002	Smart Work Zone, Portable Camera Trailer, Operational Month	EA	42			
907-619-M2003	Smart Work Zone, Portable Message Board Trailer, Operational Month	EA	42			
907-619-M2004	Smart Work Zone, Portable Bluetooth Detection System, Additional Device, Operational Month	EA	42			
907-619-M3002	Smart Work Zone, System Monitoring, Operational Month	EA	42			
620-A001	Mobilization	LS	1			

- ① ESTIMATED AS 6 MOWINGS FOR THE LIFE OF THE PROJECT.
- ② STA. 512+50 - STA. 521+50 NB, STA. 517+50 - STA. 524+50 SB

DESIGNED BY: NEEL-SCHAFFER INC

DATE:

CHECKED BY:

DATE:

DETAILED BY:

DATE:

PROJECT NO.: STP-0055-02(275)

COUNTY: MADISON

FMS CON: 108168/302000

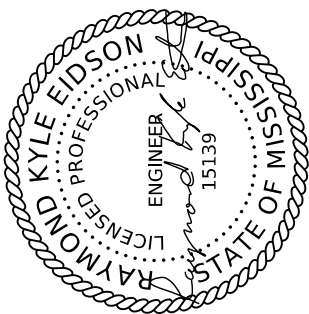
SUMMARY OF QUANTITIES

SHEET ID
SQ-9

SHEET NO.
38

SUMMARY OF QUANTITIES (SHEET 10)				
PAY ITEM NO.	PAY ITEM	UNIT	MADISON : 108168-302000	
			Prelim	Final
907-626-A010	6" Thermoplastic Traffic Stripe, Skip White	MI	3	
907-626-B006	6" Thermoplastic Traffic Stripe, Continuous White	MI	4	
907-626-E005	6" Thermoplastic Traffic Stripe, Continuous Yellow	MI	3	
907-626-G004	Thermoplastic Detail Stripe, White	LF	8,687	
907-626-G005	Thermoplastic Detail Stripe, Yellow	LF	429	
907-626-H009	Thermoplastic Legend, White	SF	489	
907-626-H010	Thermoplastic Legend, White	LF	688	
907-627-K001	Red-Clear Reflective High Performance Raised Markers	EA	534	
907-650-A002	On Street Video Equipment, Fixed Type	EA	6	
907-666-A001	Bluetooth Detection System, Type A	EA	1	

SUMMARY OF QUANTITIES (SHEET 10)



07-06-26

ADDENDUM

DESIGNED BY: NEEL-SCHAFER INC.

DETAILED BY:

DATE:

FMS CON: 108168/302000

PROJECT NO.: STP-0055-02(275)

COUNTRY: MADISON

SUMMARY OF QUANTITIES

SHEET ID
SQ-10

SHEET NO.
39

SUMMARY OF QUANTITIES (SHEET 11)					108168-301000 108168-302000
PAY ITEM NO.	PAY ITEM	UNIT	Total Amount		
			Prelim	Final	
201-B001	Clearing and Grubbing	ACRE	44		
201-D001	Random Clearing	STA	16		
202-B007	Removal of Asphalt Pavement, All Depths	SY	2,580	(18)	
202-B017	Removal of Box Bridge	EA	4	(16)	
202-B019	Removal of Box Culvert	LF	39		
202-B059	Removal of Concrete Median & Island Pavement, All Depths	SY	471		
202-B060	Removal of Concrete Median Barrier	LF	40		
202-B061	Removal of Concrete Median Barrier, Precast	LF	11,500	(14) (15)	
202-B063	Removal of Concrete Paved Ditch	SY	121	(13)	
202-B069	Removal of Concrete Pavement w/ Variable Depth Overlay	SY	34,294		
202-B089	Removal of Curb &/or Curb and Gutter, All Types	LF	721		
202-B096	Removal of Debris and Sand From Box Culvert, 10-foot and Greater Width	LF	802		
202-B114	Removal of Debris and Sand From Pipe, All Sizes	LF	100	(1)	
202-B126	Removal of Fence, All Types	LF	40,623		
202-B150	Removal of Guard Rail Including Post, Blockouts & Hardware	LF	4,679	(9)	
202-B160	Removal of High Mast Lighting Assembly	EA	2		
202-B162	Removal of Impact Attenuator	EA	3		
202-B165	Removal of Inlets, All Sizes	EA	8	(12) (15)	
202-B177	Removal of Low Mast Lighting Assembly	EA	13		
202-B191	Removal of Pipe, 8" And Above	LF	538		
202-B220	Removal of Sign, Overhead Mounted Including Panels, Trust, and Footings	EA	1		
202-B225	Removal of Soil Cement Shoulders with Asphalt Overlay	SY	55,594	(17)	
202-B226	Removal of Soil Cement Treated Base, All Depths	SY	34,294		
202-B226	Removal of Soil Cement Treated Base, All Depths - Milling	SY	14,175	(19)	
202-B240	Removal of Traffic Stripe	LF	6,000	(7)	
202-B273	Removal of Debris and Sand From Box Culvert, 6-foot to Less than 10-foot Width	LF	145		
202-B276	Removal of Debris from Drainage Channel	LF	690		
203-EX021	Borrow Excavation, AH, FME, Class B9-6	CY	729,764		
203-F001	Channel Excavation, FM	CY	15,151		
203-G001	Excess Excavation, FM, AH	CY	498,248		
206-A001	Structure Excavation	CY	2,935	(10)	
206-B001	Select Material for Undercuts, Contractor Furnished, FM	CY	96		
209-A005	Geotextile Stabilization, Type V, Non-Woven	SY	279,624		
211-B001	Topsoil for Slope Treatment, Contractor Furnished	CY	29,750	(8)	
213-C001	Superphosphate	TON	56		
216-A001	Solid Sodding	SY	2,873	(4)	
217-A001	Ditch Liner	SY	2,209		
219-A001	Watering	KGAL	59	(3)	
220-A001	Insect Pest Control	ACRE	56		
221-A001	Concrete Paved Ditch	CY	3,548	(5)	
223-A001	Mowing	ACRE	851	(6)	

1ESTIMATED QUANTITY TO BE USED AS DIRECTED BY THE ENGINEER.

2INCLUDES 20% INCREASE FROM CALCULATED QUANTITY.

3FOR SOLID SOD.

4INCLUDES 2467 SQ. YDS. FOR PAVED DITCH, 381 SQ. YDS. FOR PAVED FLUMES AND 25 SQ. YDS. FOR PAVED APRONS.

5INCLUDES 44 CU. YDS. FOR PAVED FLUMES, 3 CU. YDS. FOR EDGE DRAINS, 2 CU. YD. FOR PAVED APRONS, AND 929 CU. YDS. FOR AREA BETWEEN PAVED DITCH AND WALL (SEE SHEET ID TS-18 FOR DETAILS).

6ESTIMATED AS 6 MOWINGS FOR THE LIFE OF THE PROJECT.

7ESTIMATED QUANTITY TO BE USED AS DIRECTED BY THE ENGINEER. HIGH PRESSURE WATER BLASTING REQUIRED. SEE GENERAL NOTE NO. 50.

8ESTIMATED 50% ACREAGE SEEDED.

9INCLUDES REMOVAL OF TERMINAL END SECTIONS, BRIDGE END SECTIONS AND CABLE ANCHORAGE.

102523 CU. YDS. FOR PIPES AND 412 CU. YDS. FOR BOX CULVERTS.

11FOR TREATMENT OF SUBGRADE

12INCLUDES 1 PERMANENT ATTENUATOR (AND CONCRETE PAD) AND 2 TEMPORARY ATTENUATORS.

13INCLUDES PAVED FLUMES AND PAVED APRONS.

14ESTIMATED STATE FURNISHED CONCRETE MEDIAN BARRIER IN PLACE (1-55 SOUTHBOUND). TO BE UTILIZED DURING CONSTRUCTION PHASING.

15TO BE DELIVERED TO DISTRICT MAINTENANCE SHOP.

16STA. 374+90 NB - 60', STA. 374+40 SB - 56', STA. 422+16 NB - 65', STA. 421+91 SB - 54'

17ESTIMATED ASPHALT THICKNESS 6" - 8.25"

18INCLUDES 917 S.Y. FOR REMOVAL OF MULTI-USE PATH.

19REMOVAL REQUIRED BY MILLING ONLY. SEE DETAIL SHEET ID MCD-4

108168-301000
108168-302000

DESIGNED BY: NEEL-SCHAFER INC

DATE:

CHECKED BY:

DETAILED BY:

PROJECT NO.: STP-0055-02(275)

COUNTRY: MADISON

FMS CON: 108168/301000
108168/302000

SUMMARY OF QUNTTITES

SHEET ID
SQ-11

SHEET NO.
40

108168-301000
108168-302000

ENGINEER
KYLE MADSON
PROFESSIONAL
15139
STATE OF MISSISSIPPI
07-06-26

ADDENDUM

1 ESTIMATED QUANTITY TO BE USED AS DIRECTED BY THE ENGINEER.

2 INCLUDES 20% INCREASE FROM CALCULATED QUANTITY.

3 FOR SOLID SOD.

4 INCLUDES 2467 SQ. YDS. FOR PAVED DITCH, 381 SQ. YDS. FOR PAVED FLUMES AND 25 SQ. YDS. FOR PAVED APRONS.

5 INCLUDES 44 CU. YDS. FOR PAVED FLUMES, 3 CU. YDS. FOR EDGE DRAINS, 2 CU. YD. FOR PAVED APRONS, AND 929 CU. YDS. FOR AREA BETWEEN PAVED DITCH AND WALL (SEE SHEET ID TS-18 FOR DETAILS).

6 ESTIMATED AS 6 MOWINGS FOR THE LIFE OF THE PROJECT.

7 ESTIMATED QUANTITY TO BE USED AS DIRECTED BY THE ENGINEER. HIGH PRESSURE WATER BLASTING REQUIRED. SEE GENERAL NOTE NO. 50.

8 ESTIMATED 50% ACREAGE SEEDED.

9 INCLUDES REMOVAL OF TERMINAL END SECTIONS, BRIDGE END SECTIONS AND CABLE ANCHORAGE.

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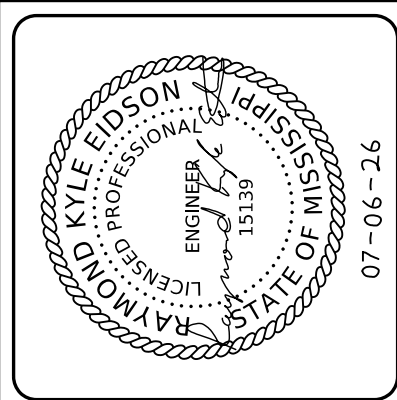
15 TO BE DELIVERED TO DISTRICT MAINTENANCE SHOP.

16 STA. 374+90 NB - 60', STA. 374++40 SB - 56', STA. 422+16 NB - 65', STA. 421+91 SB - 54'

17 ESTIMATED ASPHALT THICKNESS 6" - 8.25"

18 INCLUDES 917 S.Y. FOR REMOVAL OF MULTI-USE PATH.

19 REMOVAL REQUIRED BY MILLING ONLY. SEE DETAIL SHEET ID MCD-4



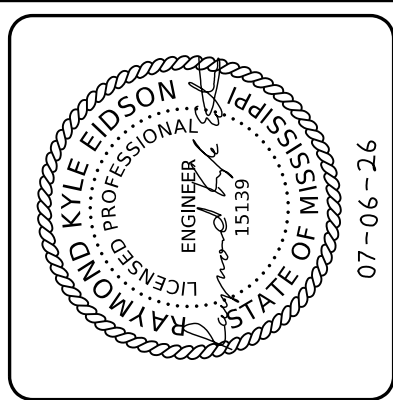
ADDENDUM

DESIGNED BY: NEEL-SCHAFFER INC
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DATE:

FMS CON: 108168/301000
PROJECT NO.: STP-0055-02(271)
COUNTY: MADISON

SUMMARY OF QUANTITIES

SHEET ID
SQ-11
SHEET NO.
40



ADDENDUM

DESIGNED BY: NEEL-SCHAFFER INC
DETAILED BY:
CHECKED BY:
DATE:

FMS CON: 108168/301000
PROJECT NO.: STP-0055-02(271)
COUNTY: MADISON

SUMMARY OF QUANTITIES

SHEET ID
SQ-12
SHEET NO.
41

- 1
- ESTIMATED QUANTITY TO BE USED AS DIRECTED BY THE ENGINEER.
- 2
- INCLUDES 20% INCREASE FROM CALCULATED QUANTITY.
- 3
- FOR SOLID SOD.
- 4
- INCLUDES 2467 SQ. YDS. FOR PAVED DITCH, 381 SQ. YDS. FOR PAVED FLUMES AND 25 SQ. YDS. FOR PAVED APRONS.
- 5
- INCLUDES 44 CU. YDS. FOR PAVED FLUMES, 3 CU. YDS. FOR EDGE DRAINS, 2 CU. YD. FOR PAVED APRONS, AND 929 CU. YDS. FOR AREA BETWEEN PAVED DITCH AND WALL (SEE SHEET ID TS-18 FOR DETAILS).
- 6
- ESTIMATED AS 6 MOWINGS FOR THE LIFE OF THE PROJECT.
- 7
- ESTIMATED QUANTITY TO BE USED AS DIRECTED BY THE ENGINEER. HIGH PRESSURE WATER BLASTING REQUIRED. SEE GENERAL NOTE NO. 50.
- 8
- ESTIMATED 50% ACREAGE SEEDED.
- 9
- INCLUDES REMOVAL OF TERMINAL END SECTIONS, BRIDGE END SECTIONS AND CABLE ANCHORAGE.
- 10
- 2523 CU. YDS. FOR PIPES AND 412 CU. YDS. FOR BOX CULVERTS.
- 11
- FOR TREATMENT OF SUBGRADE
- 12
- INCLUDES 1 PERMANENT ATTENUATOR (AND CONCRETE PAD) AND 2 TEMPORARY ATTENUATORS.
- 13
- INCLUDES PAVED FLUMES AND PAVED APRONS.
- 14
- ESTIMATED STATE FURNISHED CONCRETE MEDIAN BARRIER IN PLACE (I-55 SOUTHBOUND). TO BE UTILIZED DURING CONSTRUCTION PHASING.
- 15
- TO BE DELIVERED TO DISTRICT MAINTENANCE SHOP.
- 16
- STA. 374+90 NB - 60', STA. 374++40 SB - 56', STA. 422+16 NB - 65', STA. 421+91 SB - 54'
- 17
- ESTIMATED ASPHALT THICKNESS 6" - 8.25"
- 18
- INCLUDES 917 S.Y. FOR REMOVAL OF MULTI-USE PATH.
- 19
- REMOVAL REQUIRED BY MILLING ONLY. SEE DETAIL SHEET ID MCD-4

SUMMARY OF QUANTITIES (SHEET 12)					108168-301000 108168-302000
PAY ITEM NO.	PAY ITEM	UNIT	Total Amount		
			Prelim	Final	
224-A001	Soil Reinforcing Mat	SY	7,370		
225-A001	Grassing	ACRE	111		
225-B001	Agricultural Limestone	TON	56		
225-C001	Mulch, Vegetative Mulch	TON	222		
226-A001	Temporary Grassing	ACRE	111		
907-234-A001	Temporary Silt Fence	LF	17,000		1
907-234-C001	Super Silt Fence	LF	2,575		
907-234-D001	Inlet Siltation Guard	EA	15		1
907-234-E001	Reset Inlet Siltation Guard	EA	15		1
236-A008	Silt Basin, Type D	EA	8		
237-A002	Wattles, 20"	LF	4,500		1
239-A001	Temporary Slope Drains	LF	2,000		1
245-A001	Silt Dike	LF	2,000		1
246-B002	Rockbags	LF	4,000		1
907-248-A001	Temporary Site Drainage	LS	1		
249-A001	Riprap for Erosion Control	TON	8,000		1
907-253-A001	Coir Fiber Baffle	LF	1,021		
304-D002	Granular Material, Crushed Stone	TON	18,150		2
304-F001	3/4" and Down Crushed Stone Base	TON	117,600		2
	OR				
304-F002	Size 610 Crushed Stone Base	TON	117,600		2
	OR				
304-F003	Size 825B Crushed Stone Base	TON	117,600		2
307-B003	6" Soil-Lime-Water Mixing, Class B	SY	118,950		11
307-D001	Lime	TON	1,606		11
307-S001	Bituminous Curing Seal	GAL	29,738		11
308-A001	Cement	TON	1,071		11
308-B003	Soil-Cement-Water Mixing, Optional Mixers, Design Soil	SY	118,950		11
308-S001	Bituminous Curing Seal	GAL	29,738		11
907-402-A002	Open Graded Friction Course, 9.5-mm Mixture	TON	11,193		
907-402-B001	Bituminous Tack Coat	GAL	39,202		
907-403-A001	12.5-mm, HT, Asphalt Pavement	TON	29,040		
907-403-A004	19-mm, HT, Asphalt Pavement	TON	35,680		
907-403-A006	19-mm, ST, Asphalt Pavement	TON	35,456		
907-403-A013	9.5-mm, HT, Asphalt Pavement	TON	4,667		
907-403-A015	9.5-mm, ST, Asphalt Pavement	TON	608		
907-403-B001	12.5-mm, HT, Asphalt Pavement, Leveling	TON	42,798		
907-403-B010	9.5-mm, HT, Asphalt Pavement, Leveling	TON	5,921		
907-403-S001	Joint Sealant	MI	34		
907-405-A001	Stone Matrix Asphalt, 9.5 mm Mixture	TON	44,502		

SUMMARY OF QUANTITIES (SHEET 13)					108168-301000 108168-302000
PAY ITEM NO.	PAY ITEM	UNIT	Total Amount		
			Prelim	Final	
907-405-A002	Stone Matrix Asphalt, 12.5 mm Mixture	TON	20,101		
406-D001	Fine Milling of Bituminous Pavement, All Depths	SY	302,705		
907-407-A001	Asphalt for Tack Coat	GAL	116,816		
907-413-E001	Sawing and Sealing Transverse Joints in Asphalt Pavement	LF	576		
423-A001	Rumble Strips, Ground In	MI	17		
907-501-F001	Concrete Lug Anchors	LF	640		
501-K001	Transverse Grooving	SY	222		
907-502-A001	Reinforced Cement Concrete Bridge End Pavement	SY	1,693		
503-C010	Saw Cut, Full Depth	LF	40,670		
907-601-A001	Class "B" Structural Concrete	CY	302		
907-601-B001	Class "B" Structural Concrete, Minor Structures	CY	88		
602-A001	Reinforcing Steel	LBS	48,821		
603-ALT003	18" Type A Alternate Pipe	LF	72		
603-CA011	18" Reinforced Concrete Pipe, Class III	LF	1,032		
603-CA022	18" Reinforced Concrete Pipe, Class V, Jacked or Bored	LF	2,024		
603-CA026	24" Reinforced Concrete Pipe, Class III	LF	824		
603-CA038	24" Reinforced Concrete Pipe, Class V, Jacked or Bored	LF	632		
603-CA040	30" Reinforced Concrete Pipe, Class III	LF	8		
603-CA055	36" Reinforced Concrete Pipe, Class III	LF	96		
603-CA065	36" Reinforced Concrete Pipe, Class V, Jacked or Bored	LF	224		
603-CA066	42" Reinforced Concrete Pipe, Class III	LF	16		
603-CB003	18" Reinforced Concrete End Section	EA	28		
603-CB004	24" Reinforced Concrete End Section	EA	20		
603-CB005	30" Reinforced Concrete End Section	EA	1		
603-CB006	36" Reinforced Concrete End Section	EA	4		
603-CB007	42" Reinforced Concrete End Section	EA	2		
603-CE008	29" x 18" Concrete Arch Pipe, Class A III	LF	104		
603-CE018	44" x 27" Concrete Arch Pipe, Class A III	LF	88		
603-CE034	65" x 40" Concrete Arch Pipe, Class A III	LF	40		
603-CF003	29" x 18" Concrete Arch Pipe End Section	EA	2		
603-CF005	44" x 27" Concrete Arch Pipe End Section	EA	2		
603-CF008	65" x 40" Concrete Arch Pipe End Section	EA	2		
603-SB012	18" Branch Connections, Stub into Box Culvert	EA	4		
603-SB028	24" Branch Connections, Stub into Box Culvert	EA	2		
604-A001	Castings	LBS	79		
604-B001	Gratings	LBS	10,897		
605-AA001	Geotextile for Subsurface Drainage, Type III	SY	424		
605-O002	4" Perforated Sewer Pipe for Underdrains, SDR 23.5	LF	762		
605-P002	4" Non-perforated Sewer Pipe for Underdrains, SDR 23.5	LF	190		
605-W001	Filter Material for Combination Storm Drain and/or Underdrains, Type A, FM	CY	29		

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- 9INCLUDES REMOVAL OF TERMINAL END SECTIONS, BRIDGE END SECTIONS AND CABLE ANCHORAGE.
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- 16STA. 374+90 NB - 60', STA. 374++40 SB - 56', STA. 422+16 NB - 65', STA. 421+91 SB - 54'
- 17ESTIMATED ASPHALT THICKNESS 6" - 8.25"
- 18INCLUDES 917 S.Y. FOR REMOVAL OF MULTI-USE PATH.
- 19REMOVAL REQUIRED BY MILLING ONLY. SEE DETAIL SHEET ID MCD-4

ADDENDUM

DESIGNED BY: NEEL-SCHAFFER INC

DETAILED BY:

CHECKED BY:

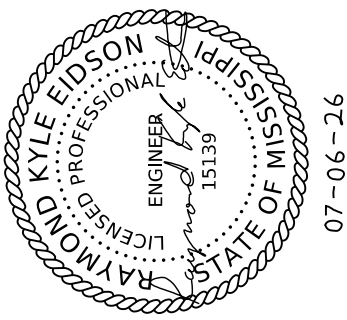
DATE:

FMS CON: 108168/301000
108168/302000

PROJECT NO.: STP-0055-02(271)
STP-0055-02(275)

COUNTY: MADISON

SUMMARY OF QUANTITIES



SUMMARY OF QUANTITIES (SHEET 15)					108168-301000 108168-302000	
PAY ITEM NO.	PAY ITEM	UNIT	Total Amount			
			Prelim	Final		
619-D1001	Standard Roadside Construction Signs, Less than 10 Square Feet	SF		95		
619-D2001	Standard Roadside Construction Signs, 10 Square Feet or More	SF		2,060		
907-619-E3001	Changeable Message Sign	EA		2		
619-F1001	Concrete Median Barrier, Precast	LF		1,000		
619-F2001	Remove and Reset Concrete Median Barrier, Precast	LF		84,948		
619-G4005	Barricades, Type III, Single Faced	LF		228		
619-G5001	Free Standing Plastic Drums	EA		847		
619-G7001	Warning Lights, Type "B"	EA		22		
619-J1004	Impact Attenuator, 60 MPH	EA		4		
619-J2004	Impact Attenuator, 60 MPH, Replacement Package	EA		4		
619-J3001	Remove and Reset Impact Attenuator	EA		20		
907-619-M1002	Smart Work Zone, Portable Queue Trailer	EA		24		
907-619-M1003	Smart Work Zone, Portable Camera Trailer	EA		10		
907-619-M1004	Smart Work Zone, Portable Message Board Trailer	EA		12		
907-619-M2001	Smart Work Zone, Portable Queue Trailer, Operational Month	EA		84		
907-619-M2002	Smart Work Zone, Portable Camera Trailer, Operational Month	EA		84		
907-619-M2003	Smart Work Zone, Portable Message Board Trailer, Operational Month	EA		84		
907-619-M2004	Smart Work Zone, Portable Bluetooth Detection System, Additional Device, Operational Month	EA		84		
907-619-M3002	Smart Work Zone, System Monitoring, Operational Month	EA		84		
620-A001	Mobilization	LS		1		
622-A004	Engineer's Field Office Building, Type 3	EA		1		
907-626-A010	6" Thermoplastic Traffic Stripe, Skip White	MI		21		
907-626-B006	6" Thermoplastic Traffic Stripe, Continuous White	MI		14		
907-626-E005	6" Thermoplastic Traffic Stripe, Continuous Yellow	MI		13		
907-626-G004	Thermoplastic Detail Stripe, White	LF		37,665		
907-626-G005	Thermoplastic Detail Stripe, Yellow	LF		1,966		
907-626-H009	Thermoplastic Legend, White	SF		1,096		
907-626-H010	Thermoplastic Legend, White	LF		1,284		
907-627-K001	Red-Clear Reflective High Performance Raised Markers	EA		4,973		
629-A005	Vehicular Impact Attenuator, 70 MPH	EA		1		
630-A001	Standard Roadside Signs, Sheet Aluminum, 0.080" Thickness	SF		178		
630-A003	Standard Roadside Signs, Sheet Aluminum, 0.125" Thickness	SF		469		
630-A005	Standard Roadside Signs, Sheet Aluminum, 0.1" Thickness	SF		349		
630-B002	Interstate Directional Signs, Bolted Extruded Aluminum Panels, Ground Mounted	SF		378		
630-B003	Interstate Directional Signs, Bolted Extruded Aluminum Panels, Overhead Mounted	SF		7,776		
630-C001	Square Tube Posts, 4.0 lb/ft	LF		559		
630-C004	Square Tube Posts, 9.0 lb/ft	LF		136		
630-C005	Square Tube Posts, 2.0 lb/ft	LF		944		
630-C1001	Square Post Inner Sleeve	LF		64		
630-D006	Structural Steel Beams, W6 x 12	LF		51		
630-D008	Structural Steel Beams, W6 x 9	LF		136		

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- 8
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- 10
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- 11
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- 12
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- STA. 374+90 NB - 60', STA. 374++40 SB - 56', STA. 422+16 NB - 65', STA. 421+91 SB - 54'
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- 18
- INCLUDES 917 S.Y. FOR REMOVAL OF MULTI-USE PATH.
- 19
- REMOVAL REQUIRED BY MILLING ONLY. SEE DETAIL SHEET ID MCD-4

ADDENDUM

DESIGNED BY: NEEL-SCHAFFER INC

DETAILED BY:

CHECKED BY:

DATE:

FMS CON: 108168/301000
108168/302000

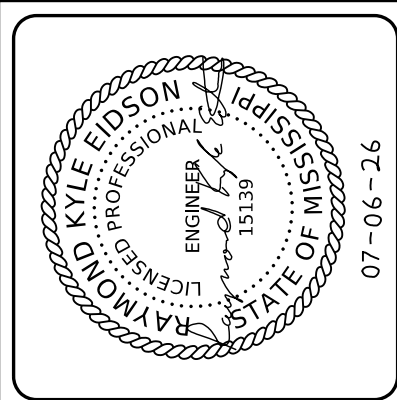
PROJECT NO.: STP-0055-02(271)
STP-0055-02(275)

COUNTY: MADISON

SUMMARY OF QUANTITIES

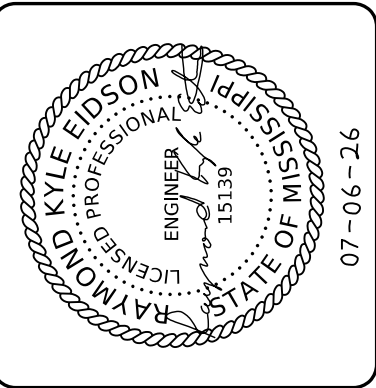
SHEET ID
SQ-15

SHEET NO.
44



SUMMARY OF QUANTITIES (SHEET 16)					108168-301000 108168-302000
PAY ITEM NO.	PAY ITEM	UNIT	Total Amount		
			Prelim	Final	
630-E001	Structural Steel Angles & Bars, 3 1/2" x 3 1/2" x 1/4" Angles	LBS	63		
630-E002	Structural Steel Angles & Bars, 3" x 3" x 1/4" Angles	LBS	132		
630-F006	Delineators, Guard Rail, White	EA	28		
630-F007	Delineators, Guard Rail, Yellow	EA	10		
630-F010	Delineators, Post Mounted, Double White	EA	152		
630-F011	Delineators, Post Mounted, Double Yellow	EA	54		
630-F012	Delineators, Post Mounted, Single White	EA	61		
630-F013	Delineators, Post Mounted, Single Yellow	EA	14		
630-G004	Type 3 Object Markers, OM-3R or OM-3L	EA	4		
630-I003	Metal Overhead Sign Supports, Assembly No. 1, Contractor Designed	LS	1		
630-I004	Metal Overhead Sign Supports, Assembly No. 10, Contractor Designed	LS	1		
630-I005	Metal Overhead Sign Supports, Assembly No. 11, Contractor Designed	LS	1		
630-I006	Metal Overhead Sign Supports, Assembly No. 12, Contractor Designed	LS	1		
630-I007	Metal Overhead Sign Supports, Assembly No. 13, Contractor Designed	LS	1		
630-I008	Metal Overhead Sign Supports, Assembly No. 14, Contractor Designed	LS	1		
630-I009	Metal Overhead Sign Supports, Assembly No. 15, Contractor Designed	LS	1		
630-I010	Metal Overhead Sign Supports, Assembly No. 16, Contractor Designed	LS	1		
630-I015	Metal Overhead Sign Supports, Assembly No. 2, Contractor Designed	LS	1		
630-I020	Metal Overhead Sign Supports, Assembly No. 3, Contractor Designed	LS	1		
630-I022	Metal Overhead Sign Supports, Assembly No. 4, Contractor Designed	LS	1		
630-I024	Metal Overhead Sign Supports, Assembly No. 5, Contractor Designed	LS	1		
630-I025	Metal Overhead Sign Supports, Assembly No. 6, Contractor Designed	LS	1		
630-I026	Metal Overhead Sign Supports, Assembly No. 7, Contractor Designed	LS	1		
630-I027	Metal Overhead Sign Supports, Assembly No. 8, Contractor Designed	LS	1		
630-I028	Metal Overhead Sign Supports, Assembly No. 9, Contractor Designed	LS	1		
907-632-A007	Solid State Traffic Cabinet Assembly, Type III Cabinet, Type 1 Controller	EA	2		
907-632-D001	Solid State Traffic Actuated Controller, Type 1	EA	2		
907-632-G001	Malfunction Management Unit	EA	2		
907-632-J001	Power Service Pedestal	EA	6		
907-634-A047	Traffic Signal Equipment Pole, Type II(L), 30' Shaft, 55' Arm	EA	1		
907-634-A083	Traffic Signal Equipment Pole, Type II, 17' Shaft, 45' Arm	EA	1		
907-634-A374	Traffic Signal Equipment Pole, Type III, 17' Shaft, 35' & 40' Arms	EA	1		
907-634-A397	Traffic Signal Equipment Pole, Type III, 17' Shaft, 50' & 50' Arms	EA	1		
907-634-A545	Traffic Signal Equipment Pole, Type VI, 8' Shaft	EA	1		
907-634-C001	Pole Foundations, Class "B" Concrete	CY	16		
907-634-E001	Camera Pole with Foundation, 50' Pole	EA	4		
635-A059	Traffic Signal Head, Type 1	EA	12		
635-A065	Traffic Signal Head, Type 2 FYA	EA	2		
635-A070	Traffic Signal Head, Type 3	EA	2		
635-A073	Traffic Signal Head, Type 4	EA	1		
635-A076	Traffic Signal Head, Type 6	EA	2		
907-636-B003	Electric Cable, Underground in Conduit, IMSA 20-1, AWG 10, 2 Conductor	LF	190		

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ADDENDUM

DESIGNED BY: NEEL-SCHAFFER INC

DETAILED BY:

CHECKED BY:

DATE:

FMS CON: 108168/301000
108168/302000

PROJECT NO.: STP-0055-02(271)
STP-0055-02(275)

COUNTY: MADISON

SUMMARY OF QUANTITIES

SUMMARY OF QUANTITIES (SHEET 17)					108168-301000 108168-302000
PAY ITEM NO.	PAY ITEM	UNIT	Total Amount		
			Prelim	Final	
907-636-B014	Electric Cable, Underground in Conduit, IMSA 20-1, AWG 14, 5 Conductor	LF	425		
907-636-B016	Electric Cable, Underground in Conduit, IMSA 20-1, AWG 14, 8 Conductor	LF	915		
907-636-B025	Electric Cable, Underground in Conduit, IMSA 20-1, AWG 6, 3 Conductor	LF	225		
907-636-B043	Electric Cable, Underground in Conduit, THHN, AWG #2, 4 Conductor	LF	40		
907-636-B053	Electric Cable, Underground in Conduit, THHN, AWG #6, 3 Conductor	LF	1,120		
907-636-D001	Electric Cable, Aerial Supported in Conduit, IMSA 20-1, AWG 10, 2 Conductor	LF	40		
907-636-D006	Electric Cable, Aerial Supported in Conduit, IMSA 20-1, AWG 14, 5 Conductor	LF	20		
907-636-D008	Electric Cable, Aerial Supported in Conduit, IMSA 20-1, AWG 14, 8 Conductor	LF	380		
907-636-D022	Electric Cable, Aerial Supported in Conduit, IMSA 20-1, AWG 6, 3 Conductor	LF	40		
907-637-A002	Pullbox Enclosure, Type 2	EA	17		
907-637-A003	Pullbox Enclosure, Type 3	EA	2		
907-637-A004	Pullbox Enclosure, Type 4	EA	16		
907-637-A005	Pullbox Enclosure, Type 5	EA	11		
907-637-C028	Traffic Signal Conduit, Underground, Type 4, 2"	LF	160		
907-637-C030	Traffic Signal Conduit, Underground, Type 4, 3"	LF	105		
907-637-D003	Traffic Signal Conduit, Underground Drilled or Jacked, Rolled Pipe, 3"	LF	670		
907-637-H001	Traffic Signal Conduit Bank, Underground, Rolled Pipe, 2 @ 2"	LF	160		
907-637-H002	Traffic Signal Conduit Bank, Underground, Rolled Pipe, 2"	LF	445		
907-637-I001	Traffic Signal Conduit Bank, Underground, Drilled or Jacked, Rolled Pipe, 2 @ 2"	LF	23,495		
907-637-I002	Traffic Signal Conduit Bank, Underground, Drilled or Jacked, Rolled Pipe, 2"	LF	760		
907-640-B001	Shielded Cable, AWG #14, 2 Conductor	LF	440		
907-641-A002	Signal Stop Bar Radar Vehicle Detection Sensor, Type 2	EA	6		
907-641-B002	Signal Advanced Radar Vehicle Detection Sensor, Type 2	EA	8		
907-641-C002	ITS Radar Vehicle Detection Sensor	EA	2		
907-641-D001	Radar Vehicle Detection Cable	LF	2,505		
907-641-F002	Signal Radar Vehicle Detection Processor, Type 2	EA	4		
907-641-G002	ITS Radar Vehicle Detection Processor, Type 2	EA	2		
907-645-B001	Accessible Pedestrian Detection Assembly	EA	2		
647-A001	Removal of Existing Traffic Signal Equipment	LS	1		
907-650-A002	On Street Video Equipment, Fixed Type	EA	32		
907-650-A003	On Street Video Equipment, PTZ Type	EA	6		
907-650-A004	On Street Video Equipment, PTZ Type, Signal Monitoring	EA	5		
907-653-A001	Traffic Sign	SF	27		
907-656-A001	Dynamic Message Sign, Type 1	EA	1		
907-659-A001	Traffic Management Center Modifications	LS	1		
907-660-A002	Equipment Cabinet, Type B	EA	5		
907-660-A003	Equipment Cabinet, Type C	EA	1		
907-661-A004	Fiber Optic Cable, 72 SM	LF	20,470		
907-661-B002	Fiber Optic Drop Cable, 12 SM	LF	3,805		
907-663-A001	Network Switch, Type A	EA	10		
907-663-A002	Network Switch, Type B	EA	1		
907-663-A003	Network Switch, Type C	EA	1		

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108168/301000
108168/302000

PROJECT NO.: STP-0055-02(271)
STP-0055-02(275)

COUNTY: MADISON

DESIGNED BY: NEEL-SCHAFFER INC

DETAILED BY:

CHECKED BY:

DATE:

SUMMARY OF QUANTITIES

SHEET ID
SQ-17

SHEET NO.
46

108168-301000
108168-302000

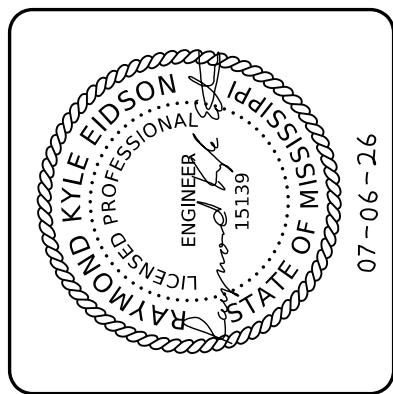
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108168-302000

108168-301000
108168-302000

ADDENDUM

07-06-26

KYLE EDISON
ENGINEER
15139
STATE OF MISSISSIPPI
LICENSED PROFESSIONAL



ADDENDUM

DESIGNED BY: NEEL-SCHAFFER INC
DETAILED BY:
CHECKED BY:
DATE:

FMS CON: 108168/301000
PROJECT NO.: STP-0055-02(271)
COUNTY: MADISON

SUMMARY OF QUANTITIES

SHEET ID
SQ-18
SHEET NO.
47

- 1
- ESTIMATED QUANTITY TO BE USED AS DIRECTED BY THE ENGINEER.
- 2
- INCLUDES 20% INCREASE FROM CALCULATED QUANTITY.
- 3
- FOR SOLID SOD.
- 4
- INCLUDES 2467 SQ. YDS. FOR PAVED DITCH, 381 SQ. YDS. FOR PAVED FLUMES AND 25 SQ. YDS. FOR PAVED APRONS.
- 5
- INCLUDES 44 CU. YDS. FOR PAVED FLUMES, 3 CU. YDS. FOR EDGE DRAINS, 2 CU. YD. FOR PAVED APRONS, AND 929 CU. YDS. FOR AREA BETWEEN PAVED DITCH AND WALL (SEE SHEET ID TS-18 FOR DETAILS).
- 6
- ESTIMATED AS 6 MOWINGS FOR THE LIFE OF THE PROJECT.
- 7
- ESTIMATED QUANTITY TO BE USED AS DIRECTED BY THE ENGINEER. HIGH PRESSURE WATER BLASTING REQUIRED. SEE GENERAL NOTE NO. 50.
- 8
- ESTIMATED 50% ACREAGE SEEDED.
- 9
- INCLUDES REMOVAL OF TERMINAL END SECTIONS, BRIDGE END SECTIONS AND CABLE ANCHORAGE.
- 10
- 2523 CU. YDS. FOR PIPES AND 412 CU. YDS. FOR BOX CULVERTS.
- 11
- FOR TREATMENT OF SUBGRADE
- 12
- INCLUDES 1 PERMANENT ATTENUATOR (AND CONCRETE PAD) AND 2 TEMPORARY ATTENUATORS.
- 13
- INCLUDES PAVED FLUMES AND PAVED APRONS.
- 14
- ESTIMATED STATE FURNISHED CONCRETE MEDIAN BARRIER IN PLACE (I-55 SOUTHBOUND). TO BE UTILIZED DURING CONSTRUCTION PHASING.
- 15
- TO BE DELIVERED TO DISTRICT MAINTENANCE SHOP.
- 16
- STA. 374+90 NB - 60', STA. 374++40 SB - 56', STA. 422+16 NB - 65', STA. 421+91 SB - 54'
- 17
- ESTIMATED ASPHALT THICKNESS 6" - 8.25"
- 18
- INCLUDES 917 S.Y. FOR REMOVAL OF MULTI-USE PATH.
- 19
- REMOVAL REQUIRED BY MILLING ONLY. SEE DETAIL SHEET ID MCD-4

SUMMARY OF QUANTITIES (SHEET 18)					108168-301000 108168-302000
PAY ITEM NO.	PAY ITEM	UNIT	Total Amount		
			Prelim	Final	
907-663-A005	Network Switch, Type E	EA	2		
907-666-A001	Bluetooth Detection System, Type A	EA	3		
682-A005	Underground Branch Circuit, AWG 1/0, 3 Conductor	LF	4,378		
682-A007	Underground Branch Circuit, AWG 1/0, 5 Conductor	LF	2,642		
682-A018	Underground Branch Circuit, AWG 2, 3 Conductor	LF	8,904		
682-A034	Underground Branch Circuit, AWG 6, 3 Conductor	LF	3,180		
682-A039	Underground Branch Circuit, AWG 8, 3 Conductor	LF	1,680		
907-682-A1011	Branch Circuit Wire, AWG #2, 3 Conductor	LF	440		
907-682-A1019	Branch Circuit Wire, AWG #4, 3 Conductor	LF	830		
682-B005	Underground Branch Circuit, Jacked or Bored, AWG 1/0, 3 Conductor	LF	90		
682-B007	Underground Branch Circuit, Jacked or Bored, AWG 1/0, 5 Conductor	LF	90		
682-B016	Underground Branch Circuit, Jacked or Bored, AWG 2, 3 Conductor	LF	620		
682-B025	Underground Branch Circuit, Jacked or Bored, AWG 4, 3 Conductor	LF	870		
682-B032	Underground Branch Circuit, Jacked or Bored, AWG 6, 3 Conductor	LF	490		
682-B037	Underground Branch Circuit, Jacked or Bored, AWG 8, 3 Conductor	LF	340		
682-C006	Structure Mounted Branch Circuit, AWG 1/0, 5 Conductor	LF	200		
682-C009	Structure Mounted Branch Circuit, AWG 10, 3 Conductor	LF	480		
682-C015	Structure Mounted Branch Circuit, AWG 2, 3 Conductor	LF	150		
682-D002	Structure Mounted Pull Box	EA	10		
682-D003	Underground Pull Box	EA	38		
682-E001	Structure Mounted Junction Box	EA	3		
682-E003	Underground Junction Box With Concrete Pad	EA	21		
682-F002	Secondary Power Controllers	EA	3		
683-A002	Lighting Assembly, High Mast, LED, Type 120-4-A	EA	32		
683-A124	Lighting Assembly, High Mast, LED, Type 120-8-S	EA	4		
683-A137	Lighting Assembly, High Mast, LED, Type 120-8-A	EA	1		
683-A138	Lighting Assembly, High Mast, LED, Type 120-6-A	EA	1		
683-B212	Lighting Assembly, Low Mast, LED, Type 40-1-8-110	EA	11		
683-B213	Lighting Assembly, Low Mast, LED, Type 40-2-8-110	EA	1		
683-C010	Lighting Assembly, Underpass, Type UP	EA	8		
683-D001	Portable Electric Power Units	EA	1		
684-A003	Pole Foundation, 24" Diameter	CY	12		
684-A006	Pole Foundation, 42" Diameter	CY	271		
684-B003	Slip Casing, 24" Diameter	LF	8		
684-B006	Slip Casing, 42" Diameter	LF	20		
699-A001	Roadway Construction Stakes	LS	1		
815-A002	Loose Riprap, Size 100	TON	1,250		
815-A007	Loose Riprap, Size 300	TON	7,050		
815-E001	Geotextile under Riprap	SY	8,681		
815-F002	Sediment Control Stone	TON	3,000		