

**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.   1   DATED   6/23/2016        ADDENDUM NO.        DATED         
 ADDENDUM NO.   2   DATED   6/23/2016        ADDENDUM NO.        DATED       

Number	Description
1	Revised Table of Contents; Delete NTB No. 1322; Revised NTB Nos. 5545, 6111, & 6119; Add NTB Nos. 6522, & 6523; Add SP 907-630-13; Delete SP 907-630-15, & 907-721-4; Revised Bid Items; Revised or Added Plan Sheet Nos. 2, 6, 8-9, 18-20, 22, 24-26, 37, 40, 42, 44, 50, 195, 197, 199, 205, 1001-1015, 3022-3024, 9045-9050 for Projects 102556306 & 307; Revised or Added Plan Sheet Nos. 2, & 11 for Project 102556318; Amendment EBS Download Required.
2	Revised Table of Contents; Revised NTB No. 6107; Add NTB No. 6524; Revised Bid Items; Added or Revised Plan Sheet Nos. 2, 11, 14, 20, 3003, 3008, & 3009

TOTAL ADDENDA:   2    
 (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-0029-02(018) / 102556306000, STP-0029-02(018) / 102556307000 & STP-0029-03(015) / 102556318000  
 Desoto & Marshall County(ies)

**MISSISSIPPI DEPARTMENT OF TRANSPORTATION  
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**PROJECT: STP-0029-02(018) / 102556306 - Desoto**  
**STP-0029-02(018) / 102556307 - Marshall**  
**STP-0029-03(015) / 102556318 - Marshall**

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**PROJECT: STP-0029-02(018) / 102556306 - Desoto  
STP-0029-02(018) / 102556307 - Marshall  
STP-0029-03(015) / 102556318 - Marshall**

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**PROJECT: STP-0029-02(018) / 102556306 - Desoto**  
**STP-0029-02(018) / 102556307 - Marshall**  
**STP-0029-03(015) / 102556318 - Marshall**

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

06/23/2016 03:44 PM

# MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904 - NOTICE TO BIDDERS NO. 6107

DATE: 6/23/2016

SUBJECT: Specialty Items

PROJECT: STP-0029-02(018) / 102556306 & STP-0029-02(018) / 102556307 & STP-0029-03(015) / 102556318 -  
DESOTO

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

## CATEGORY: AGGR BASE AGGR SHLDR LEAN CONC BASE

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Line No	Pay Item	Description
0260	321-A001	6" In-Grade Preparation

## CATEGORY: CURBING, SIDEWALKS, GUTTERS

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Line No	Pay Item	Description
0520	609-C002	Concrete Curb, Integral, Type 2
0530	609-D002	Combination Concrete Curb and Gutter Type 2
0540	609-D004	Combination Concrete Curb and Gutter Type 3A Modified
0550	609-D007	Combination Concrete Curb and Gutter Type 2 Modified

## CATEGORY: DISPOSAL OF BUILDINGS, RIGHT OF WAY CLEA

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Line No	Pay Item	Description
0060	202-B076	Removal of Traffic Stripe

## CATEGORY: EROSION CONTROL

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Line No	Pay Item	Description
0150	213-C001	Superphosphate
0160	217-A001	Ditch Liner
0170	219-A001	Watering
0180	220-A001	Insect Pest Control
0190	221-A001	Portland Cement Concrete Paved Ditch
0200	223-A001	Mowing
0210	224-A001	Soil Reinforcing Mat
0220	234-A001	Temporary Silt Fence
0230	236-A004	Silt Basin, Type D
0240	236-B004	Maintenance and Removal of Existing Silt Basins, Type D
0250	239-A001	Temporary Slope Drains
1360	907-216-A001	Solid Sodding
1370	907-225-A001	Grassing
1380	907-225-B001	Agricultural Limestone
1390	907-225-C001	Mulch, Vegetative Mulch
1400	907-226-A001	Temporary Grassing

CATEGORY: EROSION CONTROL

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Line No	Pay Item	Description
1410	907-234-D001	Inlet Siltation Guard
1420	907-234-E001	Reset Inlet Siltation Guard
1430	907-237-A002	Wattles, 12"
1440	907-237-A003	Wattles, 20"
1450	907-245-A001	Triangular Silt Dike
1460	907-246-A001	Sandbags
1470	907-247-A001	Temporary Stream Diversion
1480	907-249-A001	Riprap for Erosion Control
1490	907-249-B001	Remove and Reset Riprap
1500	907-250-A001	Polyacrylamide (PAM)

CATEGORY: FENCE, GATES

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Line No	Pay Item	Description
0510	607-G041	Gate, 12' x 6' Chain Link

CATEGORY: GUARDRAIL, GUIDERAIL

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Line No	Pay Item	Description
0450	606-A001	Guard Posts
0460	606-B001	Guard Rail, Class A, Type 1
0470	606-C003	Guard Rail, Cable Anchor, Type 1
0480	606-D012	Guard Rail, Bridge End Section, Type I
0490	606-E002	Guard Rail, Terminal End Section, Flared
0500	606-E003	Guard Rail, Terminal End Section, Non-Flared

CATEGORY: INTELLIGENT TRANSPORTATION SYSTEMS

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Line No	Pay Item	Description
2360	907-659-A001	Traffic Management Center Modifications
2370	907-659-C001	Traffic Management Center Modifications - Training
2380	907-660-PP001	Communications Hut Modification, Per Plans
2440	907-670-A001	ITS Radar Detection System

CATEGORY: MISCELLANEOUS/ SPECIALTY WORK ITEMS

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

CATEGORY: PAVEMENT STRIPING AND MARKING

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Line No	Pay Item	Description
0810	627-K001	Red-Clear Reflective High Performance Raised Markers

CATEGORY: PAVEMENT STRIPING AND MARKING

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Line No	Pay Item	Description
0820	627-L001	Two-Way Yellow Reflective High Performance Raised Markers
1820	907-626-A005	6" Thermoplastic Double Drop Traffic Stripe, Skip White
1830	907-626-B005	6" Thermoplastic Double Drop Traffic Stripe, Continuous White
1840	907-626-C003	6" Thermoplastic Double Drop Edge Stripe, Continuous White
1850	907-626-E004	6" Thermoplastic Traffic Stripe, Continuous Yellow
1860	907-626-E005	6" Thermoplastic Double Drop Traffic Stripe, Continuous Yellow
1870	907-626-F003	6" Thermoplastic Double Drop Edge Stripe, Continuous Yellow
1880	907-626-G004	Thermoplastic Detail Stripe, White
1890	907-626-G005	Thermoplastic Detail Stripe, Yellow
1900	907-626-G006	Thermoplastic Double Drop Detail Stripe, White
1910	907-626-G007	Thermoplastic Double Drop Detail Stripe, Yellow
1920	907-626-H004	Thermoplastic Legend, White
1930	907-626-H005	Thermoplastic Legend, White

CATEGORY: SURVEY AND STAKING

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Line No	Pay Item	Description
2460	907-699-A002	Roadway Construction Stakes

CATEGORY: TRAFFIC CONTROL - PERMANENT

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Line No	Pay Item	Description
0830	629-A002	Vehicular Impact Attenuator, 60 MPH
0840	630-A001	Standard Roadside Signs, Sheet Aluminum, 0.080" Thickness
0850	630-A002	Standard Roadside Signs, Sheet Aluminum, 0.125" Thickness
0860	630-B001	Interstate Directional Signs, Bolted Extruded Aluminum Panels, Ground Mounted
0870	630-B002	Interstate Directional Signs, Bolted Extruded Aluminum Panels, Overhead Mounted
0872	630-C001	Steel U-Section Posts, 2.0 lb/ft
0874	630-C003	Steel U-Section Posts, 3.0 lb/ft
0880	630-D003	Structural Steel Beams, W6 x 9
0890	630-D005	Structural Steel Beams, W6 x 15
0900	630-D006	Structural Steel Beams, W8 x 18
0910	630-D007	Structural Steel Beams, W8 x 21
0920	630-D008	Structural Steel Beams, W10 x 22
0930	630-E001	Structural Steel Angles & Bars, 3" x 3" x 1/4" Angles
0940	630-E002	Structural Steel Angles & Bars, 3 1/2" x 3 1/2" x 1/4" Angles
0950	630-E003	Structural Steel Angles & Bars, 4" x 4" x 5/16" Angles
0960	630-E004	Structural Steel Angles & Bars, 7/16" x 2 1/2" Flat Bar
0970	630-F001	Delineators, Guard Rail, White
0980	630-F002	Delineators, Guard Rail, Yellow
0990	630-F006	Delineators, Post Mounted, Single White
1000	630-F007	Delineators, Post Mounted, Single Yellow
1010	630-F008	Delineators, Post Mounted, Double White



CATEGORY: TRAFFIC CONTROL - PERMANENT

Line No	Pay Item	Description
1020	630-F009	Delineators, Post Mounted, Double Yellow
1030	630-G001	Type 3 Object Markers, OM-3R, Post Mounted
1040	630-G002	Type 3 Object Markers, OM-3R or OM-3L, Post Mounted
1050	630-G003	Type 3 Object Markers, OM-3L, Post Mounted
1060	630-K001	Welded & Seamless Steel Pipe Posts, 3"
1070	630-K002	Welded & Seamless Steel Pipe Posts, 3 1/2"
1080	630-K003	Welded & Seamless Steel Pipe Posts, 4"
1090	630-K004	Welded & Seamless Steel Pipe Posts, 5"
1100	640-A016	Traffic Signal Heads, Type 1 LED
1110	640-A056	Traffic Signal Heads, Type 2 FYA LED
1120	642-A008	Solid State Traffic Actuated Controllers, Type 8A
1130	646-A001	Removal of Existing Traffic Signal Equipment
1140	647-A002	Pullbox, Type 3
1150	647-A003	Pullbox, Type 4
1160	647-A004	Pullbox, Type 5
1170	647-A005	Pullbox, Type 2
1180	653-B001	Street Name Sign, Encapsulated Lens
1210	666-B022	Electric Cable, Underground in Conduit, IMSA 20-1, AWG 8, 2 Conductor
1220	666-B023	Electric Cable, Underground in Conduit, IMSA 20-1, AWG 8, 3 Conductor
1230	666-B027	Electric Cable, Underground in Conduit, THHN, AWG #2, 3 Conductor
1240	666-B028	Electric Cable, Underground in Conduit, THHN, AWG #6, 3 Conductor
1248	666-B037	Electric Cable, Underground in Conduit, THHN, AWG 1/0, 4 Conductor
1250	666-B038	Electric Cable, Underground in Conduit, THHN, AWG #4, 3 Conductor
1252	666-B039	Electric Cable, Underground in Conduit, THHN, AWG #10, 3 Conductor
1260	666-B043	Electric Cable, Underground in Conduit, THHN, AWG #2, 4 Conductor
1262	666-B047	Electric Cable, Underground in Conduit, THHN, AWG #4/0, 3 Conductor
1270	666-B054	Electric Cable, Underground in Conduit, IMSA 20-1, AWG 14, 8 Conductor
1280	666-C017	Electric Cable, Aerial Supported, IMSA 20-1, AWG 14, 8 Conductor
1290	668-A018	Traffic Signal Conduit, Underground, Type 4, 2"
1300	668-A020	Traffic Signal Conduit, Underground, Type 4, 3"
1320	668-B024	Traffic Signal Conduit, Underground Drilled or Jacked, Rolled Pipe, 2"
1330	668-B025	Traffic Signal Conduit, Underground Drilled or Jacked, Rolled Pipe, 3"
1960	907-630-I001	Metal Overhead Sign Supports, Assembly No. 1, Contractor Designed
1970	907-630-I002	Metal Overhead Sign Supports, Assembly No. 2, Contractor Designed
1980	907-630-I003	Metal Overhead Sign Supports, Assembly No. 3, Contractor Designed
1990	907-630-I004	Metal Overhead Sign Supports, Assembly No. 4, Contractor Designed
2000	907-630-I005	Metal Overhead Sign Supports, Assembly No. 5, Contractor Designed
2010	907-630-I006	Metal Overhead Sign Supports, Assembly No. 6, Contractor Designed
2020	907-630-I007	Metal Overhead Sign Supports, Assembly No. 7, Contractor Designed
2030	907-630-I008	Metal Overhead Sign Supports, Assembly No. 8, Contractor Designed
2040	907-630-I009	Metal Overhead Sign Supports, Assembly No. 9, Contractor Designed
2050	907-630-I010	Metal Overhead Sign Supports, Assembly No. 10, Contractor Designed

CATEGORY: TRAFFIC CONTROL - TEMPORARY

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Line No	Pay Item	Description
2060	907-630-I012	Metal Overhead Sign Supports, Assembly No. 11, Contractor Designed
2070	907-630-I013	Metal Overhead Sign Supports, Assembly No. 12, Contractor Designed
2080	907-630-M001	Pedestal Sign Support, Assembly No 1, Contractor Designed
2090	907-630-M002	Pedestal Sign Support, Assembly No 2, Contractor Designed
2100	907-630-M006	Pedestal Sign Support, Assembly No 3, Contractor Designed
2110	907-630-PP010	Roadside Directional Signs, Sheet Aluminum, 0.125" Thickness, Ground Mounted
2120	907-637-A001	Equipment Cabinet, Type B
2130	907-639-A006	Traffic Signal Equipment Pole, Type II, 17' Shaft, 30' Arm
2140	907-639-A007	Traffic Signal Equipment Pole, Type II, 17' Shaft, 40' Arm
2150	907-639-A008	Traffic Signal Equipment Pole, Type II, 17' Shaft, 55' Arm
2160	907-639-A009	Traffic Signal Equipment Pole, Type II, 17' Shaft, 60' Arm
2170	907-639-A011	Traffic Signal Equipment Pole, Type II, 17' Shaft, 35' Arm
2180	907-639-A012	Traffic Signal Equipment Pole, Type II, 17' Shaft, 45' Arm
2190	907-639-A119	Traffic Signal Equipment Pole, Type II, 17' Shaft, 80' Arm
2200	907-639-A158	Traffic Signal Equipment Pole, Type III, 17' Shaft, 45' & 50' Arms
2210	907-639-C002	Pole Foundations, 36" Diameter
2220	907-639-C004	Pole Foundations, 30" Diameter
2230	907-639-E001	Camera Pole with Foundation, 50' Pole
2240	907-639-PP001	Installation of Camera Pole with Foundation
2250	907-641-C001	Signal Radar Detection System
2260	907-649-A004	Video Detection System, 1 Sensor, Type 2
2270	907-649-D002	Multi-Sensor Detection System, 1 Sensor
2280	907-650-A002	On Street Video Equipment, Fixed Type
2290	907-650-A003	On Street Video Equipment, PTZ Type
2300	907-656-A002	Dynamic Message Sign, Type 2
2310	907-656-B001	Dynamic Message Sign Training
2320	907-657-A001	Fiber Optic Cable, 72 SM
2330	907-657-A002	Fiber Optic Cable, 12 SM
2340	907-657-B001	Fiber Optic Drop Cable, 12 SM
2350	907-658-A005	Network Switch, Type A
2390	907-668-E002	Traffic Signal Conduit Bank, Underground, Rolled Pipe, 2 @ 2"
2400	907-668-F002	Traffic Signal Conduit Bank, Underground, Drilled or Jacked,Rolled Pipe, 2 @ 2"
2410	907-668-G001	Traffic Signal Conduit Bank, Aerial Supported, Type I, 3 @ 2"
2420	907-668-G002	Traffic Signal Conduit Bank, Aerial Supported, Type I, 2 @ 2"
2430	907-668-G003	Traffic Signal Conduit Bank, Aerial Supported, Type FRP, 2@ 2"
2450	907-697-A001	Bluetooth Detection System, Type A

CATEGORY: TRAFFIC CONTROL - TEMPORARY

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Line No	Pay Item	Description
0610	619-A1001	Temporary Traffic Stripe, Continuous White

CATEGORY: TRAFFIC CONTROL - TEMPORARY

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Line No	Pay Item	Description
0620	619-A1003	Temporary Traffic Stripe, Continuous White, Paint
0630	619-A2001	Temporary Traffic Stripe, Continuous Yellow
0640	619-A2003	Temporary Traffic Stripe, Continuous Yellow, Paint
0650	619-A3001	Temporary Traffic Stripe, Skip White
0660	619-A3002	Temporary Traffic Stripe, Skip White, Paint
0670	619-A5001	Temporary Traffic Stripe, Detail
0680	619-A5002	Temporary Traffic Stripe, Detail, Paint
0690	619-A6001	Temporary Traffic Stripe, Legend
0700	619-A6002	Temporary Traffic Stripe, Legend
0710	619-D1001	Standard Roadside Construction Signs, Less than 10 Square Feet
0720	619-D2001	Standard Roadside Construction Signs, 10 Square Feet or More
0730	619-G4001	Barricades, Type III, Single Faced
0740	619-G4005	Barricades, Type III, Double Faced
0750	619-G5001	Free Standing Plastic Drums
0760	619-G7001	Warning Lights, Type "B"
0770	619-J1003	Impact Attenuator, 60 MPH
0780	619-J2002	Impact Attenuator, 60 MPH, Replacement Package

**MISSISSIPPI DEPARTMENT OF TRANSPORTATION**

**SECTION 904 - NOTICE TO BIDDERS NO. 6524**

**CODE: (SP)**

**DATE: 06/23/2016**

**SUBJECT: Pay Item Corrections**

**PROJECT: STP-0029-02(018) & STP-0029-03(015) / 102556306, 307, & 318 Desoto & Marshall**

Bidders are advised that the following pay item is shown in the plan summary of quantities; however, it will not be used on the project and has been deleted from the bid items:

- 209-A004 Geotextile Stabilization, Type V, Non-Woven

Paving on SR 304 / I-269 from SR 305 to SR 302, known as Federal Aid Project Nos. STP-0029-02(018) & STP-0029-03(015) / 102556306, 307, & 318 in Desoto & Marshall Counties.

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
Roadway Items					
0010	201-A001		1	Lump Sum	Clearing and Grubbing
0020	202-B005		4,655	Square Yard	Removal of Asphalt Pavement, All Depths
0022	202-B008		1	Each	Removal of Box Culvert
0030	202-B013		3,090	Square Yard	Removal of Cement Treated Base, All Depths
0032	202-B025		90	Square Yard	Removal of Concrete Paved Ditch
0034	202-B036		30	Square Yard	Removal of Concrete Slope Paving
0040	202-B042		1	Each	Removal of Flared End Section, All Sizes
0042	202-B064		24	Linear Feet	Removal of Pipe, 8" And Above
0050	202-B070		27	Each	Removal of Sign Including Post & Footing
0060	202-B076		31,560	Linear Feet	Removal of Traffic Stripe
0070	202-B275		240	Linear Feet	Removal of Barricade, All Types
0080	203-A003	(E)	117,317	Cubic Yard	Unclassified Excavation, FM, AH
0082	203-A004	(E)	1,500	Cubic Yard	Unclassified Excavation, LVM, AH
0090	203-EX017	(E)	60,308	Cubic Yard	Borrow Excavation, AH, FME, Class B9
0092	203-EX018	(E)	1,500	Cubic Yard	Borrow Excavation, AH, LVM, Class B9
0100	203-G003	(E)	337,759	Cubic Yard	Excess Excavation, FM, AH
0110	206-A001	(S)	3,634	Cubic Yard	Structure Excavation
0120	206-B001	(E)	127	Cubic Yard	Select Material for Undercuts, Contractor Furnished, FM
0140	211-B001	(E)	5,500	Cubic Yard	Topsoil for Slope Treatment, Contractor Furnished
0150	213-C001		129	Ton	Superphosphate
0160	217-A001		1,575	Square Yard	Ditch Liner
0170	219-A001		68	Thousand Gallon	Watering [\$20.00]
0180	220-A001		301	Acre	Insect Pest Control [\$30.00]
0190	221-A001	(S)	395	Cubic Yard	Portland Cement Concrete Paved Ditch
0200	223-A001		2,787	Acre	Mowing [\$50.00]
0210	224-A001		1,700	Square Yard	Soil Reinforcing Mat
0220	234-A001		19,455	Linear Feet	Temporary Silt Fence
0230	236-A004		1	Each	Silt Basin, Type D
0240	236-B004		2	Each	Maintenance and Removal of Existing Silt Basins, Type D
0250	239-A001		528	Linear Feet	Temporary Slope Drains
0260	321-A001		14	Mile	6" In-Grade Preparation
0270	408-A003	(A3)	2,950	Gallon	Asphalt for Prime Coat, Cut-Back MC-70 or Emulsified EA-1

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
0280	423-A001		53	Mile	Rumble Strips, Ground In
0290	501-E001		2,305	Linear Feet	Expansion Joints, Without Dowels
0300	502-A001	(C)	5,097	Square Yard	Reinforced Cement Concrete Bridge End Pavement
0310	602-A001	(S)	142,905	Pounds	Reinforcing Steel
0320	603-CA003	(S)	56	Linear Feet	24" Reinforced Concrete Pipe, Class III
0330	603-CA004	(S)	208	Linear Feet	30" Reinforced Concrete Pipe, Class III
0340	603-CA005	(S)	96	Linear Feet	36" Reinforced Concrete Pipe, Class III
0350	603-CA015	(S)	216	Linear Feet	24" Reinforced Concrete Pipe, Class IV
0360	603-CA041	(S)	152	Linear Feet	36" Reinforced Concrete Pipe, Class IV, Class B Bedding
0370	603-CB002	(S)	4	Each	24" Reinforced Concrete End Section
0380	603-CB003	(S)	4	Each	30" Reinforced Concrete End Section
0390	603-CB004	(S)	3	Each	36" Reinforced Concrete End Section
0392	603-PA013	(S)	32	Linear Feet	12' x 6' Precast Concrete Box Culvert
0394	603-PB013	(S)	2	Each	12' x 6' Precast Concrete Box Culvert End Section
0400	604-A001		2,440	Pounds	Castings
0410	604-B001		2,000	Pounds	Gratings
0420	605-AA003	(S)	1,667	Square Yard	Geotextile for Subsurface Drainage, Type III
0430	605-W001	(GY)	140	Cubic Yard	Filter Material for Combination Storm Drain and/or Underdrains, Type A, FM
0440	605-W002	(GY)	152	Cubic Yard	Filter Material for Combination Storm Drain and/or Underdrains, Type B, FM
0450	606-A001		279	Each	Guard Posts
0460	606-B001		5,588	Linear Feet	Guard Rail, Class A, Type 1
0470	606-C003		3	Each	Guard Rail, Cable Anchor, Type 1
0480	606-D012		42	Each	Guard Rail, Bridge End Section, Type I
0490	606-E002		41	Each	Guard Rail, Terminal End Section, Flared
0500	606-E003		4	Each	Guard Rail, Terminal End Section, Non-Flared
0510	607-G041		4	Each	Gate, 12' x 6' Chain Link
0520	609-C002	(S)	40	Linear Feet	Concrete Curb, Integral, Type 2
0530	609-D002	(S)	2,669	Linear Feet	Combination Concrete Curb and Gutter Type 2
0540	609-D004	(S)	5,424	Linear Feet	Combination Concrete Curb and Gutter Type 3A Modified
0550	609-D007	(S)	4,523	Linear Feet	Combination Concrete Curb and Gutter Type 2 Modified
0560	615-A008	(S)	2,194	Linear Feet	Concrete Type I Cast-in-Place Median Barrier, 32" High
0570	615-A018	(S)	840	Linear Feet	Concrete Bridge End Barrier, 33.5"
0580	615-B001	(S)	7,200	Linear Feet	Precast Concrete Median Barrier

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
0590	616-A001	(S)	5,356	Square Yard	Concrete Median and/or Island Pavement, 4-inch
0600	616-A003	(S)	231	Square Yard	Concrete Median and/or Island Pavement, 10-inch
0610	619-A1001		17,287	Linear Feet	Temporary Traffic Stripe, Continuous White
0620	619-A1003		15,321	Linear Feet	Temporary Traffic Stripe, Continuous White, Paint
0630	619-A2001		15,405	Linear Feet	Temporary Traffic Stripe, Continuous Yellow
0640	619-A2003		19,955	Linear Feet	Temporary Traffic Stripe, Continuous Yellow, Paint
0650	619-A3001		9,000	Linear Feet	Temporary Traffic Stripe, Skip White
0660	619-A3002		19,959	Linear Feet	Temporary Traffic Stripe, Skip White, Paint
0670	619-A5001		16,234	Linear Feet	Temporary Traffic Stripe, Detail
0680	619-A5002		3,595	Linear Feet	Temporary Traffic Stripe, Detail, Paint
0690	619-A6001		256	Linear Feet	Temporary Traffic Stripe, Legend
0700	619-A6002		77	Square Feet	Temporary Traffic Stripe, Legend
0710	619-D1001		304	Square Feet	Standard Roadside Construction Signs, Less than 10 Square Feet
0720	619-D2001		1,719	Square Feet	Standard Roadside Construction Signs, 10 Square Feet or More
0730	619-G4001		588	Linear Feet	Barricades, Type III, Single Faced
0740	619-G4005		72	Linear Feet	Barricades, Type III, Double Faced
0750	619-G5001		111	Each	Free Standing Plastic Drums
0760	619-G7001		10	Each	Warning Lights, Type "B"
0770	619-J1003		4	Unit	Impact Attenuator, 60 MPH
0780	619-J2002		2	Unit	Impact Attenuator, 60 MPH, Replacement Package
0790	620-A001		1	Lump Sum	Mobilization
0800	621-A001		1	Each	Field Laboratory
0810	627-K001		6,040	Each	Red-Clear Reflective High Performance Raised Markers
0820	627-L001		575	Each	Two-Way Yellow Reflective High Performance Raised Markers
0830	629-A002		2	Each	Vehicular Impact Attenuator, 60 MPH
0840	630-A001		561	Square Feet	Standard Roadside Signs, Sheet Aluminum, 0.080" Thickness
0850	630-A002		2,464	Square Feet	Standard Roadside Signs, Sheet Aluminum, 0.125" Thickness
0860	630-B001		3,403	Square Feet	Interstate Directional Signs, Bolted Extruded Aluminum Panels, Ground Mounted
0870	630-B002		4,775	Square Feet	Interstate Directional Signs, Bolted Extruded Aluminum Panels, Overhead Mounted
0872	630-C001		461	Linear Feet	Steel U-Section Posts, 2.0 lb/ft
0874	630-C003		1,155	Linear Feet	Steel U-Section Posts, 3.0 lb/ft
0880	630-D003		1,015	Linear Feet	Structural Steel Beams, W6 x 9

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
0890	630-D005		482	Linear Feet	Structural Steel Beams, W6 x 15
0900	630-D006		348	Linear Feet	Structural Steel Beams, W8 x 18
0910	630-D007		100	Linear Feet	Structural Steel Beams, W8 x 21
0920	630-D008		222	Linear Feet	Structural Steel Beams, W10 x 22
0930	630-E001		1,024	Pounds	Structural Steel Angles & Bars, 3" x 3" x 1/4" Angles
0940	630-E002		995	Pounds	Structural Steel Angles & Bars, 3 1/2" x 3 1/2" x 1/4" Angles
0950	630-E003		662	Pounds	Structural Steel Angles & Bars, 4" x 4" x 5/16" Angles
0960	630-E004		2,735	Pounds	Structural Steel Angles & Bars, 7/16" x 2 1/2" Flat Bar
0970	630-F001		174	Each	Delineators, Guard Rail, White
0980	630-F002		140	Each	Delineators, Guard Rail, Yellow
0990	630-F006		365	Each	Delineators, Post Mounted, Single White
1000	630-F007		78	Each	Delineators, Post Mounted, Single Yellow
1010	630-F008		414	Each	Delineators, Post Mounted, Double White
1020	630-F009		59	Each	Delineators, Post Mounted, Double Yellow
1030	630-G001		17	Each	Type 3 Object Markers, OM-3R, Post Mounted
1040	630-G002		12	Each	Type 3 Object Markers, OM-3R or OM-3L, Post Mounted
1050	630-G003		17	Each	Type 3 Object Markers, OM-3L, Post Mounted
1060	630-K001		506	Linear Feet	Welded & Seamless Steel Pipe Posts, 3"
1070	630-K002		325	Linear Feet	Welded & Seamless Steel Pipe Posts, 3 1/2"
1080	630-K003		1,112	Linear Feet	Welded & Seamless Steel Pipe Posts, 4"
1090	630-K004		63	Linear Feet	Welded & Seamless Steel Pipe Posts, 5"
1100	640-A016		28	Each	Traffic Signal Heads, Type 1 LED
1110	640-A056		5	Each	Traffic Signal Heads, Type 2 FYA LED
1120	642-A008		4	Each	Solid State Traffic Actuated Controllers, Type 8A
1130	646-A001		1	Lump Sum	Removal of Existing Traffic Signal Equipment
1140	647-A002		3	Each	Pullbox, Type 3
1150	647-A003		79	Each	Pullbox, Type 4
1160	647-A004		43	Each	Pullbox, Type 5
1170	647-A005		53	Each	Pullbox, Type 2
1180	653-B001		42	Square Feet	Street Name Sign, Encapsulated Lens
1210	666-B022		841	Linear Feet	Electric Cable, Underground in Conduit, IMSA 20-1, AWG 8, 2 Conductor
1220	666-B023		180	Linear Feet	Electric Cable, Underground in Conduit, IMSA 20-1, AWG 8, 3 Conductor
1230	666-B027		1,615	Linear Feet	Electric Cable, Underground in Conduit, THHN, AWG #2, 3 Conductor



Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
1240	666-B028		4,845	Linear Feet	Electric Cable, Underground in Conduit, THHN, AWG #6, 3 Conductor
1248	666-B037		580	Linear Feet	Electric Cable, Underground in Conduit, THHN, AWG 1/0, 4 Conductor
1250	666-B038		3,690	Linear Feet	Electric Cable, Underground in Conduit, THHN, AWG #4, 3 Conductor
1252	666-B039		3,405	Linear Feet	Electric Cable, Underground in Conduit, THHN, AWG #10, 3 Conductor
1260	666-B043		660	Linear Feet	Electric Cable, Underground in Conduit, THHN, AWG #2, 4 Conductor
1262	666-B047		10,770	Linear Feet	Electric Cable, Underground in Conduit, THHN, AWG #4/0, 3 Conductor
1270	666-B054		440	Linear Feet	Electric Cable, Underground in Conduit, IMSA 20-1, AWG 14, 8 Conductor
1280	666-C017		630	Linear Feet	Electric Cable, Aerial Supported, IMSA 20-1, AWG 14, 8 Conductor
1290	668-A018		486	Linear Feet	Traffic Signal Conduit, Underground, Type 4, 2"
1300	668-A020		68	Linear Feet	Traffic Signal Conduit, Underground, Type 4, 3"
1310	668-A029		10,580	Linear Feet	Traffic Signal Conduit, Underground, Rolled Pipe, 2"
1320	668-B024		6,219	Linear Feet	Traffic Signal Conduit, Underground Drilled or Jacked, Rolled Pipe, 2"
1330	668-B025		784	Linear Feet	Traffic Signal Conduit, Underground Drilled or Jacked, Rolled Pipe, 3"
1340	815-A009	(S)	4,280	Ton	Loose Riprap, Size 300
1344	815-D001	(S)	5	Cubic Yard	Concrete Slope Paving
1350	815-E001	(S)	7,343	Square Yard	Geotextile under Riprap
1360	907-216-A001		3,365	Square Yard	Solid Sodding
1370	907-225-A001		257	Acre	Grassing
1380	907-225-B001		129	Ton	Agricultural Limestone
1390	907-225-C001		514	Ton	Mulch, Vegetative Mulch
1400	907-226-A001		257	Acre	Temporary Grassing
1410	907-234-D001		87	Each	Inlet Siltation Guard
1420	907-234-E001		55	Each	Reset Inlet Siltation Guard
1430	907-237-A002		800	Linear Feet	Wattles, 12"
1440	907-237-A003		41,100	Linear Feet	Wattles, 20"
1450	907-245-A001		170	Linear Feet	Triangular Silt Dike
1460	907-246-A001		8,270	Linear Feet	Sandbags
1470	907-247-A001		1	Each	Temporary Stream Diversion
1480	907-249-A001		100	Ton	Riprap for Erosion Control
1490	907-249-B001		360	Cubic Yard	Remove and Reset Riprap
1500	907-250-A001		899	Pounds	Polyacrylamide (PAM)
1510	907-253-A001		54	Linear Feet	Coir Fiber Baffle
1520	907-304-B009	(GT)	108,128	Ton	Granular Material, Class 3, Group D

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
1530	907-304-B011	(GT)	422,614	Ton	Granular Material, Class 9, Group B
1540	907-307-C003	(M)	234,446	Square Yard	6" Soil-Lime-Water Mixing, Class C
1550	907-307-D001		3,165	Ton	Lime
1560	907-307-S001	(A3)	58,612	Gallon	Bituminous Curing Seal
1570	907-402-A004	(BA1)	26,300	Ton	Open Graded Friction Course, 9.5-mm Mixture
1580	907-402-B001	(A3)	45,567	Gallon	Bituminous Tack Coat
1590	907-403-A017	(BA1)	16,446	Ton	9.5-mm, ST, Asphalt Pavement
1600	907-403-A018	(BA1)	40,440	Ton	12.5-mm, ST, Asphalt Pavement
1610	907-403-A019	(BA1)	104,579	Ton	19-mm, ST, Asphalt Pavement
1620	907-403-A022	(BA1)	1,535	Ton	9.5-mm, MT, Asphalt Pavement
1630	907-403-A023	(BA1)	2,076	Ton	12.5-mm, MT, Asphalt Pavement
1640	907-403-A024	(BA1)	4,755	Ton	19-mm, MT, Asphalt Pavement
1650	907-403-A027	(BA1)	2,174	Ton	9.5-mm, HT, Asphalt Pavement
1660	907-403-A028	(BA1)	59,865	Ton	12.5-mm, HT, Asphalt Pavement
1670	907-403-A029	(BA1)	96,393	Ton	19-mm, HT, Asphalt Pavement
1680	907-403-AA001	(BA1)	36,506	Ton	Stone Matrix Asphalt, 9.5 mm Mixture
1690	907-403-AA002	(BA1)	48,749	Ton	Stone Matrix Asphalt, 12.5 mm Mixture
1700	907-403-B020	(BA1)	23	Ton	9.5-mm, HT, Asphalt Pavement, Leveling
1710	907-403-D010	(BA1)	8,785	Ton	9.5-mm, HT, Asphalt Pavement, Polymer Modified
1720	907-403-D011	(BA1)	11,951	Ton	12.5-mm, HT, Asphalt Pavement, Polymer Modified
1730	907-403-S004		54	Mile	Joint Sealant
1740	907-406-A001		2,640	Square Yard	Cold Milling of Bituminous Pavement, All Depths
1750	907-407-A001	(A2)	135,853	Gallon	Asphalt for Tack Coat
1760	907-413-E001		2,267	Linear Feet	Sawing and Sealing Transverse Joints in Asphalt Pavement
1770	907-601-A001	(S)	666	Cubic Yard	Class "B" Structural Concrete
1780	907-601-B003	(S)	90	Cubic Yard	Class "B" Structural Concrete, Minor Structures
1790	907-605-O003	(S)	2,195	Linear Feet	4" Perforated Sewer Pipe for Underdrains, SDR 23.5
1800	907-605-P003	(S)	520	Linear Feet	4" Non-perforated Sewer Pipe for Underdrains, SDR 23.5
1810	907-618-A001		1	Lump Sum	Maintenance of Traffic
1820	907-626-A005		35	Mile	6" Thermoplastic Double Drop Traffic Stripe, Skip White
1830	907-626-B005		344	Linear Feet	6" Thermoplastic Double Drop Traffic Stripe, Continuous White
1840	907-626-C003		47	Mile	6" Thermoplastic Double Drop Edge Stripe, Continuous White
1850	907-626-E004		2	Mile	6" Thermoplastic Traffic Stripe, Continuous Yellow

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
1860	907-626-E005		2,213	Linear Feet	6" Thermoplastic Double Drop Traffic Stripe, Continuous Yellow
1870	907-626-F003		47	Mile	6" Thermoplastic Double Drop Edge Stripe, Continuous Yellow
1880	907-626-G004		21,432	Linear Feet	Thermoplastic Detail Stripe, White
1890	907-626-G005		2,805	Linear Feet	Thermoplastic Detail Stripe, Yellow
1900	907-626-G006		47,567	Linear Feet	Thermoplastic Double Drop Detail Stripe, White
1910	907-626-G007		10,379	Linear Feet	Thermoplastic Double Drop Detail Stripe, Yellow
1920	907-626-H004		884	Linear Feet	Thermoplastic Legend, White
1930	907-626-H005		337	Square Feet	Thermoplastic Legend, White
1960	907-630-I001		1	Lump Sum	Metal Overhead Sign Supports, Assembly No. 1, Contractor Designed
1970	907-630-I002		1	Lump Sum	Metal Overhead Sign Supports, Assembly No. 2, Contractor Designed
1980	907-630-I003		1	Lump Sum	Metal Overhead Sign Supports, Assembly No. 3, Contractor Designed
1990	907-630-I004		1	Lump Sum	Metal Overhead Sign Supports, Assembly No. 4, Contractor Designed
2000	907-630-I005		1	Lump Sum	Metal Overhead Sign Supports, Assembly No. 5, Contractor Designed
2010	907-630-I006		1	Lump Sum	Metal Overhead Sign Supports, Assembly No. 6, Contractor Designed
2020	907-630-I007		1	Lump Sum	Metal Overhead Sign Supports, Assembly No. 7, Contractor Designed
2030	907-630-I008		1	Lump Sum	Metal Overhead Sign Supports, Assembly No. 8, Contractor Designed
2040	907-630-I009		1	Lump Sum	Metal Overhead Sign Supports, Assembly No. 9, Contractor Designed
2050	907-630-I010		1	Lump Sum	Metal Overhead Sign Supports, Assembly No. 10, Contractor Designed
2060	907-630-I012		1	Lump Sum	Metal Overhead Sign Supports, Assembly No. 11, Contractor Designed
2070	907-630-I013		1	Lump Sum	Metal Overhead Sign Supports, Assembly No. 12, Contractor Designed
2080	907-630-M001		1	Lump Sum	Pedestal Sign Support, Assembly No 1, Contractor Designed
2090	907-630-M002		1	Lump Sum	Pedestal Sign Support, Assembly No 2, Contractor Designed
2100	907-630-M006		1	Lump Sum	Pedestal Sign Support, Assembly No 3, Contractor Designed
2110	907-630-PP010		1,678	Square Feet	Roadside Directional Signs, Sheet Aluminum, 0.125" Thickness, Ground Mounted
2120	907-637-A001		14	Each	Equipment Cabinet, Type B
2130	907-639-A006		2	Each	Traffic Signal Equipment Pole, Type II, 17' Shaft, 30' Arm
2140	907-639-A007		1	Each	Traffic Signal Equipment Pole, Type II, 17' Shaft, 40' Arm
2150	907-639-A008		1	Each	Traffic Signal Equipment Pole, Type II, 17' Shaft, 55' Arm
2160	907-639-A009		1	Each	Traffic Signal Equipment Pole, Type II, 17' Shaft, 60' Arm
2170	907-639-A011		3	Each	Traffic Signal Equipment Pole, Type II, 17' Shaft, 35' Arm
2180	907-639-A012		3	Each	Traffic Signal Equipment Pole, Type II, 17' Shaft, 45' Arm
2190	907-639-A119		1	Each	Traffic Signal Equipment Pole, Type II, 17' Shaft, 80' Arm
2200	907-639-A158		1	Each	Traffic Signal Equipment Pole, Type III, 17' Shaft, 45' & 50' Arms

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
2210	907-639-C002		7	Cubic Yard	Pole Foundations, 36" Diameter
2220	907-639-C004		20	Cubic Yard	Pole Foundations, 30" Diameter
2230	907-639-E001		14	Each	Camera Pole with Foundation, 50' Pole
2240	907-639-PP001		1	Lump Sum	Installation of Camera Pole with Foundation
2250	907-641-C001		1	Each	Signal Radar Detection System
2260	907-649-A004		3	Each	Video Detection System, 1 Sensor, Type 2
2270	907-649-D002		6	Each	Multi-Sensor Detection System, 1 Sensor
2280	907-650-A002		28	Each	On Street Video Equipment, Fixed Type
2290	907-650-A003		14	Each	On Street Video Equipment, PTZ Type
2300	907-656-A002		4	Each	Dynamic Message Sign, Type 2
2310	907-656-B001		1	Lump Sum	Dynamic Message Sign Training
2320	907-657-A001		87,785	Linear Feet	Fiber Optic Cable, 72 SM
2330	907-657-A002		5,195	Linear Feet	Fiber Optic Cable, 12 SM
2340	907-657-B001		2,050	Linear Feet	Fiber Optic Drop Cable, 12 SM
2350	907-658-A005		17	Each	Network Switch, Type A
2360	907-659-A001		1	Lump Sum	Traffic Management Center Modifications
2370	907-659-C001		1	Lump Sum	Traffic Management Center Modifications - Training
2380	907-660-PP001		1	Lump Sum	Communications Hut Modification, Per Plans
2390	907-668-E002		70,725	Linear Feet	Traffic Signal Conduit Bank, Underground, Rolled Pipe, 2 @ 2"
2400	907-668-F002		8,110	Linear Feet	Traffic Signal Conduit Bank, Underground, Drilled or Jacked, Rolled Pipe, 2 @ 2"
2410	907-668-G001		265	Linear Feet	Traffic Signal Conduit Bank, Aerial Supported, Type I, 3 @ 2"
2420	907-668-G002		4,645	Linear Feet	Traffic Signal Conduit Bank, Aerial Supported, Type I, 2 @ 2"
2430	907-668-G003		3,830	Linear Feet	Traffic Signal Conduit Bank, Aerial Supported, Type FRP, 2 @ 2"
2440	907-670-A001		13	Each	ITS Radar Detection System
2450	907-697-A001		3	Each	Bluetooth Detection System, Type A
2460	907-699-A002		1	Lump Sum	Roadway Construction Stakes
2470	907-815-F001	(S)	33	Ton	Sediment Control Stone
2480	907-823-A001		2,548	Linear Feet	Preformed Joint Seal, Type I
2490	907-823-A002		3,341	Linear Feet	Preformed Joint Seal, Type II
2500	907-823-B001		1,680	Linear Feet	Saw Cut, Type I
2510	907-823-B002		612	Linear Feet	Saw Cut, Type II
2520	907-906001		2,080	Hours	Trainees [\$5.00]

ALTERNATE GROUP AA NUMBER 1

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
2530	907-304-F002	(GT)	72,705	Ton	Size 610 Crushed Stone Base
					ALTERNATE GROUP AA NUMBER 2
2540	907-304-F003	(GT)	72,705	Ton	3/4" and Down Crushed Stone Base
					ALTERNATE GROUP AA NUMBER 3
2550	907-304-F004	(GT)	72,705	Ton	Size 825B Crushed Stone Base
					ALTERNATE GROUP BB NUMBER 1
2560	907-308-A001		15,940	Ton	Portland Cement
2570	907-308-B001	(M)	885,186	Square Yard	Soil-Cement-Water Mixing, Optional Mixers, Base
2580	907-308-B002	(M)	666,959	Square Yard	Soil-Cement-Water Mixing, Optional Mixers, Design Soil
2590	907-308-S001	(A3)	388,038	Gallon	Bituminous Curing Seal
					ALTERNATE GROUP BB NUMBER 2
2600	907-311-A003	(M)	1,552,145	Square Yard	Processing Lime and Fly Ash Treated Course, 6" Thick
2610	907-311-B001		11,314	Ton	Lime
2620	907-311-C001		45,254	Ton	Fly Ash, Class C
2630	907-311-S001	(A3)	388,038	Gallon	Bituminous Curing Seal

STATE	PROJECT NO.	SH. NO.
MISS.	STP-0029-03(015)	

**ADDENDUM**

**DESCRIPTION OF SHEET**


**REVISION DATE**

**WKG. NO.**



**SH. NO.**

DESCRIPTION OF SHEET	WKG. NO.	SH. NO.
<b>ROADWAY (54)</b>		
<b>TITLE SHEET (1)</b>		
<b>DETAILED INDEX &amp; GENERAL NOTES (4)</b>		
DETAILED INDEX	01-1	1
DETAILED INDEX - CONTINUED	01-2	2
DETAILED INDEX - CONTINUED	01-3	3
GENERAL NOTES	01-4	4
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<b>TYPICAL SECTION SHEETS (6)</b>		
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TYPICAL SECTIONS - MAINLINE I-269	TS-2	7
TYPICAL SECTIONS - SR 309 INTERCHANGE RAMP	TS-3	8
TYPICAL SECTIONS - SR 309 INTERCHANGE RAMP	TS-4	9
TYPICAL SECTIONS - MISCELLANEOUS DETAILS	TS-5	10
TYPICAL SECTIONS - EMERGENCY / OFFICIAL USE MEDIUM CROSSOVER	TS-6	10.1
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SUMMARY OF QUANTITIES	SOS-1	11
SUMMARY OF QUANTITIES	SOS-2	12
SUMMARY OF QUANTITIES	SOS-3	13
SUMMARY OF QUANTITIES	SOS-4	14
<b>ESTIMATED QUANTITIES - DRAINAGE STRUCTURES, PAVEMENT MARKINGS &amp; TRAFFIC CONTROL ITEMS</b>		
ESTIMATED QUANTITIES - BRIDGE END PAVEMENT, MEDIAN BARRIER & GUARDRAIL	EQ-1	15
ESTIMATED QUANTITIES - TRAFFIC CONTROL SIGNS	EQ-2	16
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ESTIMATED QUANTITIES - ITS ITEMS	EQ-4	18
ESTIMATED QUANTITIES - STANDARD ROADSIDE SIGNS	EQ-1TS	19
ESTIMATED QUANTITIES - STANDARD ROADSIDE SIGN ASSEMBLIES	EQ-1S1	20
ESTIMATED QUANTITIES - STANDARD ROADSIDE SIGN ASSEMBLIES	SOS-1	21
ESTIMATED QUANTITIES - STANDARD ROADSIDE SIGN ASSEMBLIES	SOS-2	22
ESTIMATED QUANTITIES - STANDARD ROADSIDE SIGN ASSEMBLIES	SOS-3	23
<b>PLAN AND PROFILE SHEETS (100) (24)</b>		
I-269 - STA. 878+00 TO STA. 900+00		24
I-269 - STA. 900+00 TO STA. 922+00		25
I-269 - STA. 922+00 TO STA. 950+00		26
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SR 309 RAMP A		28
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SR 309 RAMP C		30
SR 309 RAMP D		31
I-269 - STA. 950+00 TO STA. 990+00		32
I-269 - STA. 990+00 TO STA. 1020+00		33
I-269 - STA. 1020+00 TO STA. 1050+00		34
I-269 - STA. 1050+00 TO STA. 1080+00		35
I-269 - STA. 1080+00 TO STA. 1100+00		36
I-269 - STA. 1100+00 TO STA. 1120+00		37
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FORM GRADE - SR 309 AT RAMP C & D	FC-6	57
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MISSISSIPPI DEPARTMENT OF TRANSPORTATION  
**DETAILED INDEX**  
 I-269 FROM NORTH OF US 78  
 TO SR 302  
 PROJ. NO.: STP-0029-03(015)  
 COUNTY: MARSHALL  
 FILE NAME: DLSH0201  
 102556/318000 - TBM - DATE: APR. 2016



WORKSHEET NUMBER  
D11  
SHEET NUMBER  
2

DATE	SHEET NO.	BY
06/15/16	11	TMB
06/23/16	12, 20, 30, 31, 30, 31, 30, 31	TMB

DATE	DESCRIPTION
06/15/16	ISSUE FOR PERMIT
06/23/16	REVISED FOR PERMIT

**ADDENDUM SUMMARY OF QUANTITIES (SHEET 1)**

PAY ITEM NO.	PAY ITEM	UNIT	PRELIMINARY	FINAL
202-B005	REMOVAL OF ASPHALT PAVEMENT, ALL DEPTHS	SY	1075	
202-B070	REMOVAL OF SIGN INCLUDING POST & FOOTING	EA	27	
202-B076	REMOVAL OF TRAFFIC STRIPE	LF	11200	
202-B275	REMOVAL OF BARRICADE, ALL TYPES	LF	240	
203-A004	UNCLASSIFIED EXCAVATION, LVM, AH	CY	500	
203-E0017	BORROW EXCAVATION, AH, FME, CLASS B9	CY	14750	
203-E0018	BORROW EXCAVATION, AH, LVM, CLASS B9	CY	500	
203-G003	EXCESS EXCAVATION, FM, AH	CY	116233	
209-A004	GEOTEXTILE STABILIZATION, TYPE V, NON-WOVEN	SY	155940	
213-C001	SUPERPHOSPHATE	TON	41	
907-216-A001	SOLID SODDING	SY	1166	
219-A001	WATERING	RGAL	23	
220-A001	INSECT PEST CONTROL	ACRE	213	
221-A001	PORTLAND CEMENT CONCRETE PAVED DITCH	CY	90	
223-A001	MOWING	ACRE	1278	
907-225-A001	GRASSING	ACRE	82	
907-225-B001	AGRICULTURAL LIMESTONE	TON	41	
907-225-C001	MULCH, VEGETATIVE MULCH	TON	164	
907-226-A001	TEMPORARY GRASSING	ACRE	82	
234-A001	TEMPORARY SILT FENCE	LF	10000	
907-234-D001	INLET SILTATION GUARD	EA	55	
907-234-E001	RESET INLET SILTATION GUARD	EA	55	
907-237-A003	WATTLES, 20"	LF	13590	
907-246-A001	SANDBAGS	LF	8100	
907-250-A001	POLYACRYLAMIDE (PAM)	LBS	348	
907-304-B009	GRANULAR MATERIAL, CLASS 3, GROUP D	TON	16350	
907-304-B011	GRANULAR MATERIAL, CLASS 9, GROUP B	TON	164000	
907-304-F002	SIZE #10 CRUSHED STONE BASE OR	TON	46050	
907-304-F003	3/4" AND DOWN CRUSHED STONE BASE OR	TON	46050	
907-304-F004	SIZE #25B CRUSHED STONE BASE	TON	46050	
907-307-C003	6" SOIL-LIME-WATER MIXING, CLASS C	SY	180382	
907-307-D001	LIME	TON	2435	
907-307-S001	BITUMINOUS CURING SEAL	GAL	45096	
907-308-A001	PORTLAND CEMENT	TON	5917	
907-308-B001	SOIL-CEMENT-WATER MIXING, OPTIONAL MIXERS, BASE	SY	37471	
907-308-B002	SOIL-CEMENT-WATER MIXING, OPTIONAL MIXERS, DESIGN SOIL	SY	180382	
907-308-S001	BITUMINOUS CURING SEAL OR	GAL	139464	
907-311-A003	PROCESSING LIME AND FLY ASH TREATED COURSE, 6" THICK	SY	557653	
907-311-B001	LIME	TON	4123	
907-311-C001	FLY ASH, CLASS C	TON	16489	
907-311-S001	BITUMINOUS CURING SEAL	GAL	139464	

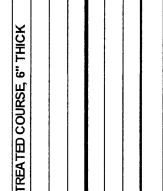
- ① QUANTITY INCLUDES 20% INCREASE FROM CALCULATED QUANTITY.
- ② INCLUDES 1526 TONS FOR DESIGN SOIL AND 4391 TONS FOR GRANULAR MATERIAL.
- ③ INCLUDES 45,096 GAL FOR DESIGN SOIL AND 94,368 GAL FOR GRANULAR MATERIAL.
- ④ INCLUDES 180,382 SY FOR DESIGN SOIL AND 377,471 SY FOR GRANULAR MATERIAL.
- ⑤ INCLUDES 1218 TONS FOR DESIGN SOIL AND 2905 TONS FOR GRANULAR MATERIAL.
- ⑥ INCLUDES 4870 TONS FOR DESIGN SOIL AND 11619 TONS FOR GRANULAR MATERIAL.
- ⑦ INCLUDES 2000 CY PER MILE FOR POTENTIAL PROJECT AS DIRECTED BY THE ENGINEER.
- ⑧ REMOVED BY WATER BLASTING OR OTHER APPROVED NON-DESTRUCTIVE METHODS.
- ⑨ QUANTITY FOR SR 309 PAVED SHOULDER REMOVAL-PAVEMENT REMOVAL IS TO BE SAWCUT AND SAWCUT IS TO BE ABSORBED.
- ⑩ ESTIMATED AS THREE MOWINGS FOR THE LIFE OF THE PROJECT.
- ⑪ INCLUDES 101,739 CY FOR REMOVING TOP SOIL AND GRADE LEFT HIGH ON GRADING PROJECT.
- ⑫ INCLUDES 500 CY FOR REPAIRING OF WASHES, RILLS ON SLOPES IN ISOLATED AREAS THROUGHOUT PROJECT.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION  
**SUMMARY OF QUANTITIES**  
1-269

PROJECT NO.: SYP-0029-03(015)  
COUNTY: MARSHALL

FILENAME: S03S\_SHJ02N  
DESIGN: DWG DATE: APR 2015

WORKING NUMBER: S03-1  
SHEET NUMBER: 11



### SUMMARY OF QUANTITIES (SHEET 4)

### ADDENDUM

PAY ITEM NO.	PAY ITEM	UNIT	PRELIMINARY	FINAL
907-639-A001	EQUIPMENT CABINET, TYPE B	EA	6	
907-639-A006	TRAFFIC SIGNAL EQUIPMENT POLE, TYPE II, 17' SHAFT, 30' ARM	EA	2	
907-639-A007	TRAFFIC SIGNAL EQUIPMENT POLE, TYPE II, 17' SHAFT, 40' ARM	EA	1	
907-639-A008	TRAFFIC SIGNAL EQUIPMENT POLE, TYPE II, 17' SHAFT, 55' ARM	EA	1	
907-639-A011	TRAFFIC SIGNAL EQUIPMENT POLE, TYPE II, 17' SHAFT, 35' ARM	EA	1	
907-639-A012	TRAFFIC SIGNAL EQUIPMENT POLE, TYPE II, 17' SHAFT, 45' ARM	EA	3	
907-639-A119	TRAFFIC SIGNAL EQUIPMENT POLE, TYPE II, 17' SHAFT, 80' ARM	EA	1	
907-639-C002	POLE FOUNDATIONS, 36" DIAMETER	CY	4	
907-639-C004	POLE FOUNDATIONS, 30" DIAMETER	CY	18	
907-639-E001	CAMERA POLE WITH FOUNDATION, 50' POLE	EA	6	
640-A016	TRAFFIC SIGNAL HEADS, TYPE 1 LED	EA	22	
640-A056	TRAFFIC SIGNAL HEADS, TYPE 2 FVA LED	EA	4	
907-641-C001	SIGNAL RADAR DETECTION SYSTEM	EA	1	
642-A008	SOLID STATE TRAFFIC ACTUATED CONTROLLERS, TYPE 8A	EA	3	
646-A001	REMOVAL OF EXISTING TRAFFIC SIGNAL EQUIPMENT	LS	100%	
647-A002	PULL BOX, TYPE 3	EA	2	
647-A003	PULL BOX, TYPE 4	EA	4	
647-A004	PULL BOX, TYPE 5	EA	20	
647-A005	PULL BOX, TYPE 2	EA	26	
907-649-A004	VIDEO DETECTION SYSTEM, 1 SENSOR, TYPE 2	EA	2	
907-649-D002	MULTI-SENSOR DETECTION SYSTEM, 1 SENSOR	EA	4	
907-650-A002	ON STREET VIDEO EQUIPMENT, FIXED TYPE	EA	12	
907-650-A003	ON STREET VIDEO EQUIPMENT, PTZ TYPE	EA	4	
652-B001	STREET NAME SIGN, ENCAPSULATED LENS	EA	6	
907-656-A002	DYNAMIC MESSAGE SIGN, TYPE 2	SF	36	
907-656-B001	DYNAMIC MESSAGE SIGN TRAINING	EA	1	
907-657-A001	FIBER OPTIC CABLE, 72 SM	LS	100%	
907-657-B001	FIBER OPTIC DROP CABLE, 12 SM	LF	38760	
907-658-A005	NETWORK SWITCH, TYPE A	EA	2050	
907-659-A001	TRAFFIC MANAGEMENT CENTER MODIFICATIONS	EA	6	
666-B022	ELECTRIC CABLE, UNDERGROUND IN CONDUIT, IMSA 20-1, AWG 8, 2 CONDUCTOR	LS	100%	
666-B028	ELECTRIC CABLE, UNDERGROUND IN CONDUIT, THHN, AWG #6, 3 CONDUCTOR	LF	841	
666-B037	ELECTRIC CABLE, UNDERGROUND IN CONDUIT, THHN, AWG #10, 4 CONDUCTOR	LF	1785	
666-B038	ELECTRIC CABLE, UNDERGROUND IN CONDUIT, THHN, AWG #4, 3 CONDUCTOR	LF	580	
666-B039	ELECTRIC CABLE, UNDERGROUND IN CONDUIT, THHN, AWG #4, 3 CONDUCTOR	LF	1590	
666-B047	ELECTRIC CABLE, UNDERGROUND IN CONDUIT, THHN, AWG #10, 3 CONDUCTOR	LF	3405	
666-C017	ELECTRIC CABLE, AERIAL SUPPORTED, IMSA 20-1, AWG 14, 8 CONDUCTOR	LF	10770	
668-A018	TRAFFIC SIGNAL CONDUIT, UNDERGROUND, TYPE 4, 3"	LF	476	
668-A020	TRAFFIC SIGNAL CONDUIT, UNDERGROUND, TYPE 4, 3"	LF	421	
668-A029	TRAFFIC SIGNAL CONDUIT, UNDERGROUND, ROLLED PIPE, 2"	LF	28	
668-B024	TRAFFIC SIGNAL CONDUIT, UNDERGROUND DRILLED OR JACKED, ROLLED PIPE, 2"	LF	6895	
668-B025	TRAFFIC SIGNAL CONDUIT, UNDERGROUND DRILLED OR JACKED, ROLLED PIPE, 3"	LF	1389	
907-668-F002	TRAFFIC SIGNAL CONDUIT BANK, UNDERGROUND, ROLLED PIPE, 2 @ 2"	LF	614	
907-668-F001	TRAFFIC SIGNAL CONDUIT BANK, AERIAL SUPPORTED, TYPE 1, 3 @ 2"	LF	33250	
907-668-G002	TRAFFIC SIGNAL CONDUIT BANK, AERIAL SUPPORTED, TYPE 1, 2 @ 2"	LF	2680	
907-670-A001	ITS RADAR DETECTION SYSTEM	EA	265	
			4645	
			6	
907-823-A001	PREFORMED JOINT SEAL, TYPE I	LF	904	
907-823-A002	PREFORMED JOINT SEAL, TYPE II	LF	824	
907-823-B001	SAW CUT, TYPE I	LF	452	
907-823-B002	SAW CUT, TYPE II	LF	412	
907-699-A002	ROADWAY CONSTRUCTION STAKES	LS	100%	

- ① DESIGN WIND SPEED FOR TRAFFIC SIGNAL POLES SHALL BE 90 MPH. CATEGORY I USE 50 YEAR OBSERVED LIFE AND DO NOT CONSIDER GALLOPING OR TRUCK-INDUCED GUSTS. USE LOCAL WIND RECORDS WHEN AVAILABLE.
- ② TRAFFIC SIGNAL CABINETS SHALL HAVE A 18 LOAD BAY FACILITY. DUAL POSITION INTERNAL LED LIGHTING. A HEAVY ACCESS DOOR. A LAPTOP TRAFFIC SIGNAL CONTROLLER SHALL USE ETHERNET W/ADAPTER AND W/AT MINIMUM POWER SUPPLIES AND 8 AVAILABLE CARD SLOTS.
- ③ TRAFFIC SIGNAL CONTROLLERS SHALL USE ETHERNET W/ADAPTER AND SOFTWARE WITH UPS TO ENSURE TRAFFIC SIGNAL MANAGEMENT CAPABLE OF RUNNING 2 DIFFERENT TYPES OF FLASHING YELLOW ARROW OPERATION.
- ④ TRAFFIC SIGNAL HEADS SHALL BE 30" IN COLOR AND EQUIPPED WITH BLACK BACK PLATES AND "VIBRACK" IN COLOR. AND EQUIPPED POWER SERVICE METER SHALL NOT BE MOUNTED ON THE POWER SERVICE PANEL OR PLANS CONTAINING THESE ITEMS IS REQUIRED.
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MISSISSIPPI DEPARTMENT OF TRANSPORTATION  
**SUMMARY OF QUANTITIES**  
 I-269  
 PROJECT NO.: STP-0029-03(015)  
 COUNTY: MARSHALL  
 FILENAME: SCS-SHEDD - GAVEL - TIB - INT-SHE-2025  
 SHEET NUMBER: 14



### ESTIMATED QUANTITIES - ITS ITEMS

WKG. SHIT. NO.	STATION TO STATION	EQUIP. CABINET	CAMERA POLE W/POLE MOUNTED SYSTEM	ITS RADAR SYSTEM	PULL BOXES			ON-STREET VIDEO (IP)		DMS ASSEMBLY	DMS TRAINING	FIBER OPTIC DUCT (1/2" SM)	FIBER OPTIC DUCT (1/2" SM)	HARDENED NETWORK SWITCH TYPE A
					TYPE 2	TYPE 4	TYPE 5	FIXED	PTZ					
ITS-1	878+00					5	1					2915		
ITS-2	904+00					2	1					2795		
ITS-3	932+00	1	1	1	4	7	3	2	1			2685	1285	1
ITS-4	959+00					2	2					3140		
ITS-5	991+00					7	2	2	1			2910	315	1
ITS-6	1021+00	1	1	1	2	6	1	2	1			3115	20	1
ITS-7	1052+00					4	2					3100		
ITS-8	1083+00	1	1	1	7	6	1	2	1			3165	180	1
ITS-9	1114+00					3	1	2	1			3140	20	1
ITS-10	1137+00					4	2	2	1	1		3065		
ITS-11	1168+00					2	2					3040	230	1
ITS-12	1195+50					3	1					3025		
ITS-13	1222+00											3025		
PROJECT TOTALS														
		EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	L.S.	LIN. FT.	LIN. FT.	EACH
		6	6	6	18	49	20	12	6	1	1.00	38760	2050	6

### ESTIMATED QUANTITIES - ITS ITEMS

WKG. SHIT. NO.	STATION TO STATION	TRAFFIC MANAGEMENT CENTER MODIFICATIONS	ELEC. CABLE U/G IN CONDUIT			CONDUIT U/G ROLLED PIPE BORED (2")	CONDUIT U/G ROLLED PIPE BORED (2")	CONDUIT BANK U/G ROLLED PIPE BORED (2")	CONDUIT BANK U/G ROLLED PIPE BORED (2")	CONDUIT BANK U/G ROLLED PIPE BORED (2")	CONDUIT BANK U/G ROLLED PIPE BORED (2")	REMARKS
			# 4	# 6	# 10							
ITS-1	878+00											
ITS-2	904+00											
ITS-3	932+00	0.2			500	410	150			780		
ITS-4	959+00	0.2								155		
ITS-5	991+00					900	855			470		
ITS-6	1021+00									110		
ITS-7	1052+00	0.2				2735	150			160		
ITS-8	1083+00	0.2			6130	2320				625		
ITS-9	1114+00				4640					750		
ITS-10	1137+00					530				205		
ITS-11	1168+00									240		
ITS-12	1195+50									765		
ITS-13	1222+00									2260		
PROJECT TOTALS												
		L.S.	LIN. FT.	LIN. FT.	LIN. FT.	LIN. FT.	LIN. FT.	LIN. FT.	LIN. FT.	LIN. FT.	LIN. FT.	
		1.00	1590	1785	3405	500	10770	6895	1165	2680	4645	265

MISSISSIPPI DEPARTMENT OF TRANSPORTATION  
ESTIMATED QUANTITIES  
ITS ITEMS

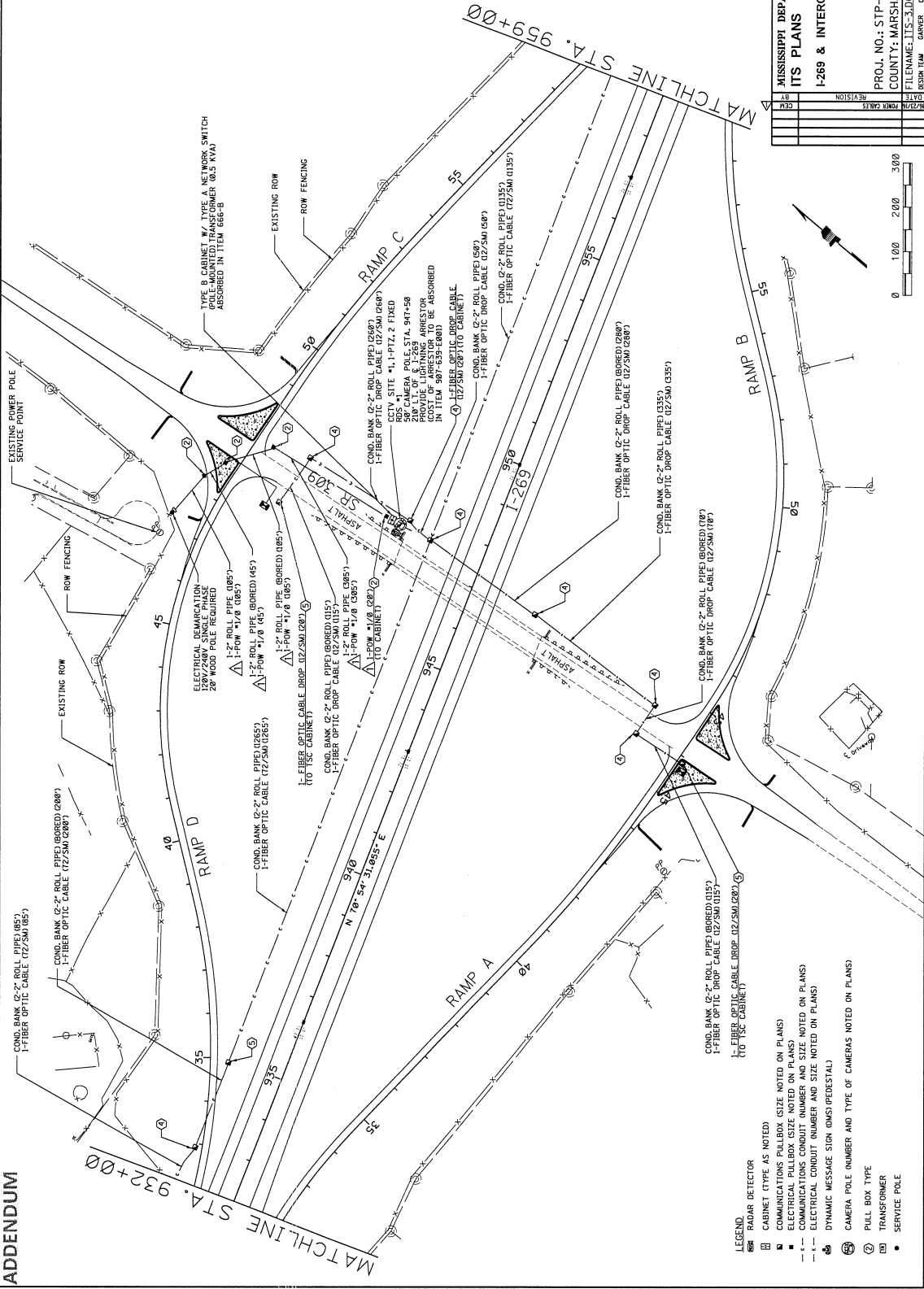
PROJ. NO.: STP-0029-03(015)  
COUNTY: MARSHALL

FILENAME: ECI ITS.DGN    USER:    CDR    NOT DATE: 06/20/15

SHEET NUMBER  
20

STATE	PROJECT NO.
MISS.	STP-0029-03(015)

MISSISSIPPI DEPARTMENT OF TRANSPORTATION ITS PLANS I-269 & INTERCHANGE RAMP	
PROJ. NO.:	STP-0029-03(015)
COUNTY:	MARSHALL
FILENAME:	ITS-3.DGN
DESIGN TEAM:	BARBER
DATE:	11-5-3
WORKING NUMBER:	3003
SHEET NUMBER:	3003



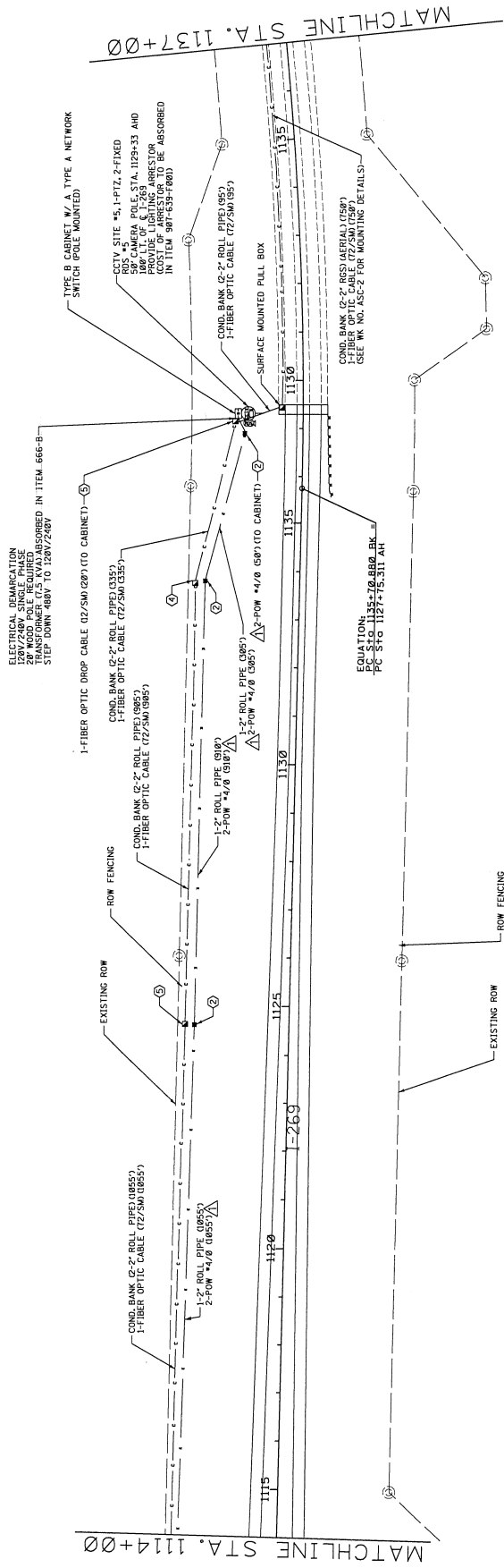
**ADDENDUM**

- LEGEND:**
- ☐ RADAR DETECTOR
  - ☐ CABINET (TYPE AS NOTED)
  - ☐ COMMUNICATIONS PULLBOX (SIZE NOTED ON PLANS)
  - ☐ ELECTRICAL PULLBOX (SIZE NOTED ON PLANS)
  - ☐ COMMUNICATIONS CONDUIT (NUMBER AND SIZE NOTED ON PLANS)
  - ☐ ELECTRICAL CONDUIT (NUMBER AND SIZE NOTED ON PLANS)
  - ☐ DYNAMIC MESSAGE SIGN (DMS) (PEDESTAL)
  - ☐ CAMERA POLE (NUMBER AND TYPE OF CAMERAS NOTED ON PLANS)
  - ☐ PULL BOX TYPE
  - ☐ TRANSFORMER
  - SERVICE POLE

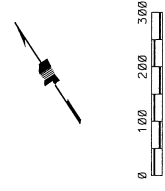




STATE	PROJECT NO.
MISS.	STP-0029-03(015)



MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
ITS PLANS	
I-269 & INTERCHANGE RAMP	
WORKING NUMBER	1139
SHEET NUMBER	3009
PROJECT NO.	STP-0029-03(015)
COUNTY	MARSHALL
FILE NAME	1139.DGN
DESIGNED BY	
CHECKED BY	
DATE	



ADDENDUM

- LEGEND
- ☐ ROAD DETECTOR
  - ☐ CABINET (TYPE AS NOTED)
  - ☐ COMMUNICATIONS PULLBOX (SIZE NOTED ON PLANS)
  - ☐ COMMUNICATIONS CONDUIT (NUMBER AND SIZE NOTED ON PLANS)
  - ☐ ELECTRICAL CONDUIT (NUMBER AND SIZE NOTED ON PLANS)
  - ☐ DYNAMIC MESSAGE SIGN (DMS) (PEDestal)
  - ☐ CAMERA POLE (NUMBER AND TYPE OF CAMERAS NOTED ON PLANS)
  - ☐ PULL BOX TYPE
  - ☐ TRANSFORMER