

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>7/16/2025</u>	ADDENDUM NO.	_____	DATED	_____
ADDENDUM NO.	<u>2</u>	DATED	<u>7/25/2025</u>	ADDENDUM NO.	_____	DATED	_____
ADDENDUM NO.	<u>3</u>	DATED	<u>7/29/2025</u>	ADDENDUM NO.	_____	DATED	_____

Number

Description

- 1 Postponed til July 31, 2025 Letting; Amendment EBSx Download Required.
- 2 Revised Table of Contents; Revised NTB Nos. 6987 & 6988; Added NTB No. 6990; SP 907-626-12 replaces SP 907-626-11; SP 907-720-4 replaces SP 907-720-3; Revised Bid Items; Revised or Added Plan Sheet Nos. 2, 11-13, 23-27, 28.1, 28.2, 40, 2001-2006; Amendment EBSx Download Required.
- 3 Revised Advertisement; Revised Bid Items; Revised or Added Plan Sheet Nos. 2, 9-11, 13, 23-24, 28.1, 28.2, 40, 2002, 2004, 2006 & 4004; Amendment EBSx Download Required.

TOTAL ADDENDA: 3

(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.

HSIP-0064-01(038)/108634301000, NHPP-0064-01(038)/ 108634301100 & NHPP-0064-01(038)/ 108634301200

Harrison County(ies)

Revised 01/26/2016

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 901 - ADVERTISEMENT

Electronic bids will be received by the Mississippi Transportation Commission at 10:00 o'clock A.M., Tuesday, July 31, 2025, from the Bid Express Service and shortly thereafter publicly read on the Sixth Floor for:

Safety Improvements on MS 67 from US 49 to the I-10 "Superstreets" Corridor, known as Federal Aid Project Nos. NHPP-0064-01(038) / 1086343011, HSIP-0064-01(038) / 108634301 & NHPP-0064-01(038) / 1086343012 in Harrison County.

The attention of bidders is directed to the Contract Provisions governing selection and employment of labor. Minimum wage rates have been predetermined by the Secretary of Labor and are subject to Public Law 87-581, Work Hours Act of 1962, as set forth in the Contract Provisions.

The Mississippi Department of Transportation hereby notifies all bidders that it will affirmatively insure that in any contract entered into pursuant to this advertisement, disadvantaged business enterprises will be afforded full opportunity to submit bids in response to this invitation and will not be discriminated against on the grounds of race, color, sex, age, disability, religion or national origin in consideration for an award.

The award of this contract will be contingent upon the Contractor satisfying the DBE requirements.

Contractors may request permission to bid online at <http://shop.mdot.ms.gov> at no cost. Upon approval, Contractors shall be eligible to submit a bid using Bid Express at <http://bidx.com>. Specimen proposals may be viewed and downloaded online at no cost at <http://mdot.ms.gov> or purchased online at <http://shop.mdot.ms.gov> at a cost of Ten Dollars (\$10.00) per proposal plus a small convenience fee. Cash or checks will not be accepted as payment.

Plans must be purchased online at <https://shop.mdot.ms.gov>. Costs of plans will be on a per sheet basis plus a small convenience fee. If you have any questions, you can contact the MDOT Plans Print Shop at (601) 359-7460, or e-mail at plans@mdot.state.ms.us. Plans will be shipped upon receipt of payment. Cash or checks will not be accepted as payment.

Bid bond, signed or countersigned by a Mississippi Agent or Qualified Nonresident Agent, with Power of Attorney attached, a Cashier's check or Certified Check for five (5%) percent of bid, payable to STATE OF MISSISSIPPI, must accompany each proposal.

The attention of bidders is directed to the provisions of Subsection 102.07 pertaining to irregular proposals and rejection of bids.

BRAD WHITE
EXECUTIVE DIRECTOR

Safety Improvements on MS 67 from US 49 to the I-10 "Superstreets" Corridor, known as Federal Aid Project Nos. NHPP-0064-01(038) / 1086343011, HSIP-0064-01(038) / 108634301 & NHPP-0064-01(038) / 1086343012 in Harrison County.

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
Roadway Items					
0010	201-A001		1	Lump Sum	Clearing and Grubbing
0012	202-A001		1	Lump Sum	Removal of Obstructions
0020	202-B006		55,169	Square Yard	Removal of Asphalt Paved Shoulders, All Depths
0030	202-B007		65,034	Square Yard	Removal of Asphalt Pavement, All Depths
0040	202-B059		700	Square Yard	Removal of Concrete Median & Island Pavement, All Depths
0050	202-B063		1,618	Square Yard	Removal of Concrete Paved Ditch
0060	202-B088		2,380	Linear Feet	Removal of Curb & Gutter, All Types
0070	202-B092		270	Linear Feet	Removal of Curb, All Types
0080	202-B129		17	Each	Removal of Flared End Section, All Sizes
0090	202-B135		27	Each	Removal of Guard Post
0100	202-B150		6,375	Linear Feet	Removal of Guard Rail Including Post, Blockouts & Hardware
0110	202-B162		1	Each	Removal of Impact Attenuator
0120	202-B164		77	Each	Removal of Inlet and Junction Box, All Types & Sizes
0130	202-B170		10	Each	Removal of Junction Box
0140	202-B176		1	Each	Removal of Lighting Controllers
0150	202-B179		19	Each	Removal of Low Mast Lighting Foundation
0160	202-B191		273	Linear Feet	Removal of Pipe, 8" And Above
0170	202-B195		19	Each	Removal of Pull Box
0172	202-B240		13,200	Linear Feet	Removal of Traffic Stripe
0180	202-B278		171	Each	Removal & Replacement of Edge Drain Outlet
0190	203-A001	(E)	70,062	Cubic Yard	Unclassified Excavation, FM, AH
0200	203-EX018	(E)	8,751	Cubic Yard	Borrow Excavation, AH, FME, Class B7-6
0210	203-G001	(E)	10,615	Cubic Yard	Excess Excavation, FM, AH
0220	206-A001	(S)	1,655	Cubic Yard	Structure Excavation
0230	206-B001	(E)	5	Cubic Yard	Select Material for Undercuts, Contractor Furnished, FM
0240	209-A005		285,500	Square Yard	Geotextile Stabilization, Type V, Non-Woven
0250	211-B001	(E)	29,203	Cubic Yard	Topsoil for Slope Treatment, Contractor Furnished
0260	213-C001		55	Ton	Superphosphate
0270	216-A001		2,804	Square Yard	Solid Sodding
0280	217-A001		10,082	Square Yard	Ditch Liner
0290	219-A001		56	Thousand Gallon	Watering [\$20.00]
0300	220-A001		109	Acre	Insect Pest Control [\$30.00]

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
0310	221-A001	(S)	380	Cubic Yard	Concrete Paved Ditch
0320	223-A001		109	Acre	Mowing [\$50.00]
0330	225-A001		109	Acre	Grassing
0340	225-B001		326	Ton	Agricultural Limestone
0350	225-C001		217	Ton	Mulch, Vegetative Mulch
0360	226-A001		109	Acre	Temporary Grassing
0370	229-A001		5,112	Square Yard	Erosion Mat
0380	237-A002		13,016	Linear Feet	Wattles, 20"
0390	246-B001		22,431	Each	Rockbags
0400	249-A001		715	Ton	Riprap for Erosion Control
0410	406-D001		47,224	Square Yard	Fine Milling of Bituminous Pavement, All Depths
0420	407-A001	(A2)	181,457	Gallon	Asphalt for Tack Coat
0430	423-A001		67	Mile	Rumble Strips, Ground In
0440	503-C010		141,194	Linear Feet	Saw Cut, Full Depth
0450	601-A001	(S)	63	Cubic Yard	Class "B" Structural Concrete
0460	601-B001	(S)	193	Cubic Yard	Class "B" Structural Concrete, Minor Structures
0470	602-A001	(S)	22,650	Pounds	Reinforcing Steel
0480	603-CA012	(S)	3,700	Linear Feet	18" Reinforced Concrete Pipe, Class III, Rubber Type Gaskets
0490	603-CA027	(S)	32	Linear Feet	24" Reinforced Concrete Pipe, Class III, Rubber Type Gaskets
0500	603-CA041	(S)	16	Linear Feet	30" Reinforced Concrete Pipe, Class III, Rubber Type Gaskets
0510	603-CA056	(S)	8	Linear Feet	36" Reinforced Concrete Pipe, Class III, Rubber Type Gaskets
0520	603-CA067	(S)	8	Linear Feet	42" Reinforced Concrete Pipe, Class III, Rubber Type Gaskets
0530	603-CA077	(S)	8	Linear Feet	48" Reinforced Concrete Pipe, Class III, Rubber Type Gaskets
0540	603-CA088	(S)	32	Linear Feet	54" Reinforced Concrete Pipe, Class III, Rubber Type Gaskets
0550	603-CB003	(S)	14	Each	18" Reinforced Concrete End Section
0560	603-CB004	(S)	3	Each	24" Reinforced Concrete End Section
0570	603-CB005	(S)	2	Each	30" Reinforced Concrete End Section
0580	603-CB006	(S)	1	Each	36" Reinforced Concrete End Section
0590	603-CB007	(S)	1	Each	42" Reinforced Concrete End Section
0600	603-CB008	(S)	1	Each	48" Reinforced Concrete End Section
0610	603-CB009	(S)	3	Each	54" Reinforced Concrete End Section
0620	603-CE003	(S)	5,116	Linear Feet	22" x 13" Concrete Arch Pipe, Class A III, Flexible Plastic Gaskets
0630	603-CF002	(S)	62	Each	22" x 13" Concrete Arch Pipe End Section

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
0640	603-SB004	(S)	2	Each	18" Branch Connections, Stub into 54" Concrete Pipe
0650	604-A001		1,594	Pounds	Castings
0660	604-B001		24,150	Pounds	Gratings
0670	606-B003		3,500	Linear Feet	Guard Rail, Class A, Type 1, 'W' Beam, Metal Post
0680	606-D001		24	Each	Guard Rail, Bridge End Section
0690	606-E001		24	Each	Guard Rail, Terminal End Section
0700	609-B003	(S)	3,430	Linear Feet	Concrete Curb, Special Design for Slotted Curb
0710	609-D003	(S)	17,933	Linear Feet	Combination Concrete Curb and Gutter Type 2
0720	609-D012	(S)	27,438	Linear Feet	Combination Concrete Curb and Gutter Type 3A Modified
0730	612-A001		23	Cubic Yard	Flowable Fill, Excavatable
0740	616-A001	(S)	22,788	Square Yard	Concrete Median and/or Island Pavement, 10-inch
0750	616-A004	(S)	4,320	Square Yard	Concrete Median and/or Island Pavement, 4-inch
0760	619-A1001		42	Mile	Temporary Traffic Stripe, Continuous White
0770	619-A1002		7,402	Linear Feet	Temporary Traffic Stripe, Continuous White
0780	619-A2001		38	Mile	Temporary Traffic Stripe, Continuous Yellow
0790	619-A2002		4,320	Linear Feet	Temporary Traffic Stripe, Continuous Yellow
0800	619-A3001		45	Mile	Temporary Traffic Stripe, Skip White
0810	619-A5001		541,194	Linear Feet	Temporary Traffic Stripe, Detail
0820	619-A6001		16,159	Square Feet	Temporary Traffic Stripe, Legend
0830	619-A6002		9,515	Linear Feet	Temporary Traffic Stripe, Legend
0840	619-D1001		328	Square Feet	Standard Roadside Construction Signs, Less than 10 Square Feet
0850	619-D2001		2,304	Square Feet	Standard Roadside Construction Signs, 10 Square Feet or More
0860	619-G4005		72	Linear Feet	Barricades, Type III, Single Faced
0870	619-G7001		8	Each	Warning Lights, Type "B"
0880	620-A001		1	Lump Sum	Mobilization
0890	629-A005		1	Each	Vehicular Impact Attenuator, 70 MPH
0900	630-A001		642	Square Feet	Standard Roadside Signs, Sheet Aluminum, 0.080" Thickness
0910	630-A003		4,001	Square Feet	Standard Roadside Signs, Sheet Aluminum, 0.125" Thickness
0920	630-C001		883	Linear Feet	Square Tube Posts, 4.0 lb/ft
0930	630-C005		6,552	Linear Feet	Square Tube Posts, 2.0 lb/ft
0940	630-E005		250	Pounds	Structural Steel Angles & Bars, Aluminum Unistrut
0950	630-F006		115	Each	Delineators, Guard Rail, White
0960	630-F007		88	Each	Delineators, Guard Rail, Yellow

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
0970	630-G005		26	Each	Type 3 Object Markers, OM-3R or OM-3L, Post Mounted
0980	635-A059		24	Each	Traffic Signal Head, Type 1
0990	635-A060		12	Each	Traffic Signal Head, Type 1A
1000	635-A061		18	Each	Traffic Signal Head, Type 2
1010	635-A063		18	Each	Traffic Signal Head, Type 2R
1020	635-A069		6	Each	Traffic Signal Head, Type 2U
1030	638-A003		12	Each	Flashing Assembly, Be Prepared to Stop When Flashing
1040	647-A001		1	Lump Sum	Removal of Existing Traffic Signal Equipment
1050	682-A039		6,350	Linear Feet	Underground Branch Circuit, AWG 8, 3 Conductor
1060	682-D003		46	Each	Underground Pull Box
1062	682-D004		46	Each	Underground Pull Box With Concrete Pad
1070	682-E002		10	Each	Underground Junction Box
1072	682-E003		10	Each	Underground Junction Box With Concrete Pad
1080	682-F001		1	Each	Secondary Power Controller
1088	684-B003		311	Linear Feet	Slip Casing, 24" Diameter
1090	683-B005		46	Each	Lighting Assembly, Low Mast, LED, Type 40-1-8-213
1100	684-A003		49	Cubic Yard	Pole Foundation, 24" Diameter
1110	685-D001		1	Each	Service Pole
1120	699-A001		1	Lump Sum	Roadway Construction Stakes
1130	815-A007	(S)	279	Ton	Loose Riprap, Size 300
1140	815-E001	(S)	370	Square Yard	Geotextile under Riprap
1150	815-F002	(S)	108	Ton	Sediment Control Stone
1160	907-234-A001		57,820	Linear Feet	Temporary Silt Fence
1170	907-234-D001		125	Each	Inlet Siltation Guard
1180	907-234-E001		125	Each	Reset Inlet Siltation Guard
1190	907-403-A002	(BA1)	28,611	Ton	12.5-mm, MT, Asphalt Pavement
1200	907-403-A005	(BA1)	26,048	Ton	19-mm, MT, Asphalt Pavement
1210	907-403-A006	(BA1)	31,947	Ton	19-mm, ST, Asphalt Pavement
1220	907-403-A013	(BA1)	64,775	Ton	9.5-mm, HT, Asphalt Pavement
1230	907-403-A014	(BA1)	22,595	Ton	9.5-mm, MT, Asphalt Pavement
1240	907-403-A015	(BA1)	23,628	Ton	9.5-mm, ST, Asphalt Pavement
1250	907-413-E001		384	Linear Feet	Sawing and Sealing Transverse Joints in Asphalt Pavement
1260	907-420-A001		36,000	Pounds	Undersealing

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
1270	907-604-PP001		18	Each	Modify Existing Inlet, Per Plans
1280	907-618-A001		1	Lump Sum	Maintenance of Traffic
1290	907-618-M2001		2,000	Hours	Work Zone Law Enforcement [\$60.00]
1300	907-619-E3001		4	Each	Changeable Message Sign
1310	907-626-A007		45	Mile	6" Thermoplastic Double Drop Traffic Stripe, Skip White
1320	907-626-C012		42	Mile	6" Thermoplastic Double Drop Edge Stripe, Continuous White
1330	907-626-C011		7,402	Linear Feet	6" Thermoplastic Double Drop Edge Stripe, Continuous White
1340	907-626-F003		38	Mile	6" Thermoplastic Double Drop Edge Stripe, Continuous Yellow
1350	907-626-E004		4,320	Linear Feet	6" Thermoplastic Double Drop Traffic Stripe, Continuous Yellow
1380	907-626-G006		362,176	Linear Feet	Thermoplastic Double Drop Detail Stripe, White
1390	907-626-G007		179,018	Linear Feet	Thermoplastic Double Drop Detail Stripe, Yellow
1400	907-626-H006		17,863	Square Feet	Thermoplastic Double Drop Legend, White
1410	907-626-H007		9,515	Linear Feet	Thermoplastic Double Drop Legend, White
1440	907-627-J001		177	Each	Two-Way Clear Reflective High Performance Raised Markers
1450	907-627-K001		12,317	Each	Red-Clear Reflective High Performance Raised Markers
1460	907-627-L001		2,372	Each	Two-Way Yellow Reflective High Performance Raised Markers
1470	907-627-M001		800	Each	One-Way Clear Reflective High Performance Raised Markers
1480	907-627-N001		800	Each	One-Way Yellow Reflective High Performance Raised Markers
1490	907-628-G003		1,146	Linear Feet	6" High Performance Cold Plastic Traffic Stripe, Skip White
1500	907-628-H005		6,027	Linear Feet	6" High Performance Cold Plastic Traffic Stripe, Continuous White
1510	907-628-J003		6,027	Linear Feet	6" High Performance Cold Plastic Traffic Stripe, Continuous Yellow
1520	907-630-PP002		228	Square Feet	Roadside Directional Signs, Sheet Aluminum, 0.125" Thickness, Ground Mounted
1530	907-632-A007		6	Each	Solid State Traffic Cabinet Assembly, Type III Cabinet, Type 1 Controller
1540	907-632-J001		6	Each	Power Service Pedestal
1550	907-634-A041		1	Each	Traffic Signal Equipment Pole, Type II(L), 30' Shaft, 25' Arm
1560	907-634-A042		2	Each	Traffic Signal Equipment Pole, Type II(L), 30' Shaft, 30' Arm
1570	907-634-A043		1	Each	Traffic Signal Equipment Pole, Type II(L), 30' Shaft, 35' Arm
1580	907-634-A044		2	Each	Traffic Signal Equipment Pole, Type II(L), 30' Shaft, 40' Arm
1590	907-634-A045		1	Each	Traffic Signal Equipment Pole, Type II(L), 30' Shaft, 45' Arm
1592	907-634-A060		2	Each	Traffic Signal Equipment Pole, Type II(L), 40' Shaft, 40' Arm
1594	907-634-A061		1	Each	Traffic Signal Equipment Pole, Type II(L), 40' Shaft, 45' Arm
1600	907-634-A224		1	Each	Traffic Signal Equipment Pole, Type III(L), 30' Shaft, 25' & 45' Arm
1610	907-634-A226		2	Each	Traffic Signal Equipment Pole, Type III(L), 30' Shaft, 25' & 55' Arm

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
1620	907-634-A227		1	Each	Traffic Signal Equipment Pole, Type III(L), 30' Shaft, 25' & 60' Arm
1630	907-634-A230		1	Each	Traffic Signal Equipment Pole, Type III(L), 30' Shaft, 30' & 40' Arm
1640	907-634-A232		1	Each	Traffic Signal Equipment Pole, Type III(L), 30' Shaft, 30' & 50' Arm
1650	907-634-A254		1	Each	Traffic Signal Equipment Pole, Type III(L), 30' Shaft, 40' & 40' Arm
1660	907-634-A426		2	Each	Traffic Signal Equipment Pole, Type III, 30' Shaft, 25' & 55' Arm
1670	907-634-A539		16	Each	Traffic Signal Equipment Pole, Type V, 10' Shaft
1680	907-634-B001		3	Each	Traffic Signal Equipment Pole Shaft Extension, 10'
1690	907-634-C002		84	Cubic Yard	Pole Foundations, Class "DS" Concrete
1700	907-634-D003		285	Linear Feet	Slip Casing, 36" Diameter
1710	907-636-B003		6,818	Linear Feet	Electric Cable, Underground in Conduit, IMSA 20-1, AWG 10, 2 Conductor
1720	907-636-B013		9,496	Linear Feet	Electric Cable, Underground in Conduit, IMSA 20-1, AWG 14, 4 Conductor
1730	907-636-B016		31,041	Linear Feet	Electric Cable, Underground in Conduit, IMSA 20-1, AWG 14, 8 Conductor
1740	907-636-B028		1,827	Linear Feet	Electric Cable, Underground in Conduit, IMSA 20-1, AWG 8, 3 Conductor
1750	907-636-B040		3,137	Linear Feet	Electric Cable, Underground in Conduit, THHN, AWG #12, 3 Conductor
1760	907-637-A002		53	Each	Pullbox Enclosure, Type 2
1770	907-637-A003		9	Each	Pullbox Enclosure, Type 3
1780	907-637-C028		13,534	Linear Feet	Traffic Signal Conduit, Underground, Type 4, 2"
1790	907-637-C030		5,201	Linear Feet	Traffic Signal Conduit, Underground, Type 4, 3"
1800	907-637-D003		3,426	Linear Feet	Traffic Signal Conduit, Underground Drilled or Jacked, Rolled Pipe, 3"
1810	907-637-D009		1,160	Linear Feet	Traffic Signal Conduit, Underground Drilled or Jacked, Type 4, 2"
1820	907-641-A002		24	Each	Signal Stop Bar Radar Vehicle Detection Sensor, Type 2
1830	907-641-B002		6	Each	Signal Advanced Radar Vehicle Detection Sensor, Type 2
1840	907-641-D001		18,614	Linear Feet	Radar Vehicle Detection Cable
1850	907-641-F002		6	Each	Signal Radar Vehicle Detection Processor, Type 2
1860	907-650-A002		2	Each	On Street Video Equipment, Fixed Type
1870	907-650-A003		2	Each	On Street Video Equipment, PTZ Type
1880	907-650-A004		3	Each	On Street Video Equipment, PTZ Type, Signal Monitoring
1890	907-653-A001		351	Square Feet	Traffic Sign
1900	907-653-B001		150	Square Feet	Street Name Sign
1910	907-659-A001		1	Lump Sum	Traffic Management Center Modifications
1912	907-661-B002		3,403	Linear Feet	Fiber Optic Drop Cable, 12 SM
1914	907-663-A002		3	Each	Network Switch, Type B
1920	907-662-D001		2	Each	Radio Interconnect, Broadband, Long Range

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
1930	907-662-D002		3	Each	Radio Interconnect, Broadband, Short Range
1940	907-663-A006		2	Each	Network Switch, Type F
1950	907-672-A003		5	Each	Remove and Reset Traffic Signal Equipment
1960	907-906001		520	Hours	Trainees [\$5.00]
ALTERNATE GROUP AA NUMBER 1					
1970	304-F001	(GT)	220,607	Ton	3/4" and Down Crushed Stone Base
ALTERNATE GROUP AA NUMBER 2					
1980	304-F002	(GT)	220,607	Ton	Size 610 Crushed Stone Base
ALTERNATE GROUP AA NUMBER 3					
1990	304-F003	(GT)	220,607	Ton	Size 825B Crushed Stone Base

DATE: JUL 2025

CHECKED BY: TWB

DETAILED BY: RDL IV

DESIGNED BY: GARVER

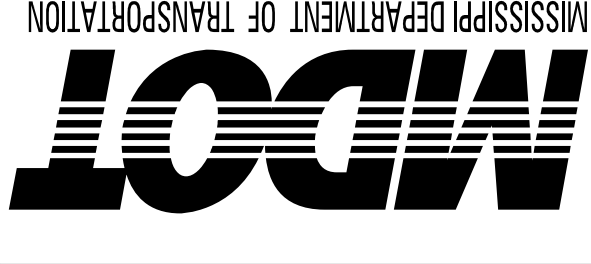
PROJECT NO.: NHPP-0064-01(038)

HSP-0064-01(038)

FMS CON: 108634/301000, 301200 & 301200

COUNTY: HARRISON

MISSISSIPPI DEPARTMENT OF TRANSPORTATION



DEPARTMENT OF TRANSPORTATION



SHEET ID
REV-1

SHEET NO.
2

SUMMARY OF REVISIONS

REV. NO.	DATE	1st ORDER	ADDENDUM	2nd ORDER	BY	SHEET ID	DESCRIPTION
	06/17/2025	X			TWB	1	ADDED EXTERNAL DETAIL FOR 108634/301100 & 301200 (NHPP-0064-01(038)).
	06/17/2025	X			TWB	2	UPDATED SUMMARY OF REVISIONS SHEET.
	06/17/2025	X			TWB	3-6	ADDED SUMMARY OF QUANTITIES SHEET FOR 108634/301200 DETAIL AND UPDATED ALL APPLICABLE ROADWAY SHEET NUMBERS AND TOTALS.
	06/17/2025	X			TWB	9-12, 14-17	REMOVED PAVEMENT MARKING LEGEND SYMBOL AND DIRECTION ARROW.
	06/17/2025	X			TWB	21, 26	ADDED PAY ITEM 202-A001 AND REMOVED A FOOTNOTE ON PAY ITEM 202-B179.
1	06/17/2025	X			TWB	21-28, 28.1, 28.2	ADDED SUMMARY OF QUANTITIES SHEET FOR 108634/301200 DETAIL AND UPDATED SHEETS TO REVISE NECESSARY PAY ITEMS, QUANTITIES, AND TOTALS. REVISED TITLE BLOCK FOR CORRECT FMS AND PROJECT NUMBERS. REVISED WHITE LEGEND AND DETAIL STRIPING QUANTITY FOR 301100 DETAIL.
	06/17/2025	X			TWB	36	REVISED WHITE LEGEND AND DETAIL STRIPING QUANTITY FOR 301100 DETAIL.
	06/17/2025	X			CEM	36, 309-333	REMOVED PAVEMENT MARKING LEGEND AS NECESSARY AND UPDATED ASSOCIATED QUANTITY.
	06/17/2025	X			TWB	357, 391	REMOVED FOOTNOTE.
	06/17/2025	X			CEM	1001-1025, 2001-2006	REMOVED PAVEMENT MARKING LEGEND AS NECESSARY.
	06/17/2025	X			JKS	4003	REMOVED PAVEMENT MARKING LEGEND AS NECESSARY.
	07/23/2025		X		TWB	2	UPDATED SUMMARY OF REVISIONS SHEET.
	07/23/2025		X		TWB	11-13	REVISED OR ADDED OUTSIDE LOON DETAIL AND INCLUDED CORRESPONDING FOOTNOTE.
	07/23/2025		X		TWB	23, 24, 28.1, 28.2	ADDED PAY ITEMS 907-661-B002 AND 907-663-A002 AND UPDATED QUANTITIES FOR MODIFIED PHASING AND RADIO INTERCONNECT UPDATES. REVISED FOOTNOTE FOR PAY ITEM 907-663-A006.
	07/23/2025		X		MDOT	25-27	ADDED PAY ITEM 202-B240 AND REVISED QUANTITY FOR PAY ITEM 907-403-A015.
	07/23/2025		X		CEM	40, 2001-2006	REVISED PLANS AND UPDATED QUANTITIES FOR MODIFIED PHASING AND RADIO INTERCONNECT UPDATES.
	07/28/2025		X		TWB	2	UPDATED SUMMARY OF REVISIONS SHEET.
	07/28/2025		X		TWB	9-11, 13	MOVED STA. 1112+71.19 FROM TS-1 AND TS-2 TO TS-3. ADDED OUTSIDE ACCELERATION LOON DETAIL AND CORRESPONDING FOOTNOTE TO TS-5.
	07/28/2025		X		TWB	23, 24, 28.1, 28.2	ADDED PAY ITEM NOS. 907-634-A060, 907-634-A061, AND 684-B003. REPLACED PAY ITEM NOS. 682-D003 AND 682-E002 WITH 682-D004 AND 682-E003, RESPECTIVELY. REVISED PAY ITEM NOS. 907-634-A044, 907-634-A045, AND 684-A003.
	07/28/2025		X		CEM	40, 2002, 2004, 2006	REVISED PLANS AND UPDATED QUANTITIES FOR MODIFIED PHASING AND RADIO INTERCONNECT UPDATES.
	07/28/2025		X		JKS	4004	UPDATED FOUNDATION SCHEDULE AND REINFORCING DETAIL TO TO REFLECT A 24" DIAMETER FOUNDATION.

TRANS WAYNE BLACK ENGINEER 1978

07/28/25

ROADWAY

TRANS C. CAMPBELL ENGINEER 2060

06/17/25

STRUCTURES

TRANS E. MCWHINNEY ENGINEER 2080A

07/28/25

TRAFFIC

TRANS K. SCHWITT ENGINEER 23322

07/28/25

LIGHTING

PLAN SHEET

5:20:42 PM

REV.dgn

DATE

DATE: JUL 2025

CHECKED BY: TWB

DETAILED BY: RDL IV

DESIGNED BY: GARVER

PROJECT NO.: HSP-0064-01(038)

COUNTY: HARRISON

FMS CON: 108634/301000

TYPICAL SECTIONS

SR 67

NORTHBOUND & SOUTHBOUND MUT DETAIL

SHEET ID

TS-5

SHEET NO.

13

07/28/25

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

MDOT

WAYNE BLACK

REGISTERED PROFESSIONAL ENGINEER

1977

TRANS

MISSISSIPPI

1977

TYPICAL SECTION – NEW CONSTRUCTION

NORTHBOUND & SOUTHBOUND SR 67 MUT
WITHIN ISLAND LIMITS
(SEE SECTION A-A)

* SEE INTERSECTION DETAIL SHEETS FOR ADDITIONAL INFORMATION INCLUDING TYPE (10" STANDARD) AND LOCATION OF OUTSIDE LOON WHERE APPLICABLE.

** SEE INTERSECTION DETAIL SHEETS AND CROSS SECTIONS FOR ADDITIONAL INFORMATION INCLUDING LOCATION OF OUTSIDE ACCELERATION LOON WHERE APPLICABLE.

STA. 208+01.82	STA. 228+13.01	STA. 246+15.05
STA. 264+09.55	STA. 283+73.65	STA. 300+24.85
STA. 318+00.93	STA. 339+00.93	STA. 359+58.16
STA. 376+2.75	STA. 392+92.50	STA. 442+89.10
STA. 462+08.17	STA. 483+16.94	STA. 500+7.99
STA. 521+55.39	STA. 547+71.25	STA. 672+86.01
STA. 686+90.18	STA. 755+46.02	STA. 855+61.91
STA. 987+49.84	STA. 1004+34.17	STA. 1020+0.16
STA. 1063+19.86		

OUTSIDE STANDARD LOON DETAIL

OUTSIDE ACCELERATION LOON DETAIL

STA. 270+79.79 - STA. 291+66.94 RT.
STA. 292+80.74 - STA. 301+53.01 LT.
STA. 337+50.00 - STA. 353+10.00 RT.
STA. 441+35.06 - STA. 456+95.09 RT.
STA. 452+72.28 - STA. 463+50.21 LT.
STA. 718+69.37 - STA. 736+09.21 RT.
STA. 741+36.67 - STA. 756+96.87 LT.

TYPE 3A MODIFIED C & G & GUTTER DETAIL

SECTION A-A
MUT DETAIL

1	1.50" ASPHALT, MT (9.5mm MIXTURE)(1 @ 1.5")
2	2.00" ASPHALT, MT (12.5 mm MIXTURE)(1 @ 2")
3	2.50" ASPHALT, MT (19 mm MIXTURE)(1 @ 2.50")
4	3.00" ASPHALT, ST (19 mm MIXTURE)(1 @ 3.00")
5	8.00" & VAR. CRUSHED STONE W/ GEOTEXTILE FABRIC, TYPE V (NON-WOVEN)
6	9.00" & VAR. CRUSHED STONE SHOULDER
7	FILL MATERIAL

INDICATES AREA TO BE TREATED IN ACCORDANCE WITH THE VEGETATION SCHEDULE. SEE WK. SH. NO. VS-1

PLAN SHEET

DATE 5:21:22 PM TS.dgn

SUMMARY OF QUANTITIES (SHEET 5)					HARRISON : 108634-301100	
PAY ITEM NO.	PAY ITEM	UNIT	Prelim	Final		
907-637-D003	Traffic Signal Conduit, Underground Drilled or Jacked, Rolled Pipe, 3"	LF	3,426			
907-637-D009	Traffic Signal Conduit, Underground Drilled or Jacked, Type 4, 2"	LF	1,160			
638-A003	Flashing Assembly, Be Prepared to Stop When Flashing	EA	12			
907-641-A002	Signal Stop Bar Radar Vehicle Detection Sensor, Type 2	EA	24			
907-641-B002	Signal Advanced Radar Vehicle Detection Sensor, Type 2	EA	6			
907-641-D001	Radar Vehicle Detection Cable	LF	18,614			
907-641-F002	Signal Radar Vehicle Detection Processor, Type 2	EA	6			
647-A001	Removal of Existing Traffic Signal Equipment	LS	1			
907-650-A002	On Street Video Equipment, Fixed Type	EA	2			
907-650-A003	On Street Video Equipment, PTZ Type	EA	2			
907-650-A004	On Street Video Equipment, PTZ Type, Signal Monitoring	EA	3			
907-653-A001	Traffic Sign	SF	351			
907-653-B001	Street Name Sign	SF	150			
907-659-A001	Traffic Management Center Modifications	LS	1			
907-661-B002	Fiber Optic Drop Cable, 12 SM	LF	3,403			
907-662-D001	Radio Interconnect, Broadband, Long Range	EA	2			
907-662-D002	Radio Interconnect, Broadband, Short Range	EA	3			
907-663-A002	Network Switch, Type B	EA	3			
907-663-A006	Network Switch, Type F	EA	2			
907-672-A003	Remove and Reset Traffic Signal Equipment	EA	5			
682-A039	Underground Branch Circuit, AWG 8, 3 Conductor	LF	6,350			
682-D004	Underground Pull Box With Concrete Pad	EA	46			
682-E003	Underground Junction Box With Concrete Pad	EA	10			
682-F001	Secondary Power Controller	EA	1			
683-B005	Lighting Assembly, Low Mast, LED, Type 40-1-8-213	EA	46			
684-A003	Pole Foundation, 24" Diameter	CY	49			
684-B003	Slip Casing, 24" Diameter	LF	311			
685-D001	Service Pole	EA	1			
699-A001	Roadway Construction Stakes	LS	1			
815-A007	Loose Riprap, Size 300	TON	279			
815-E001	Geotextile under Riprap	SY	370			
815-F002	Sediment Control Stone	TON	108			

①

At MS 67 at Lickskillet Road, traffic signal equipment shall be salvaged to the City of Biloxi. At MS 67 at Shriners Blvd/Lamey Bridge Road, existing traffic signal cabinet and contents shall be salvaged and delivered to MDOT.

②

The manufacturer's representative shall be on site during installation and testing and shall provide onsite training on the setup, operation, and maintenance of the system.

③

Radar detection cable shall be size and specification as recommended by manufacturer.

④

Remove and reset existing radio, PTZ camera, fixed camera, and pole shaft extension from existing signal pole in southwest corner to proposed Signal Pole D at MS 67 at Lickskillet Road. Remove and reset existing network switch from existing controller to proposed traffic signal controller at MS 67 at Lickskillet Road.

⑤

Located at both Shriner's Blvd and Traditions Parkway. Type F network switches shall be shipped to Kerby McFarland with MDOT IS Division for configuration.

⑥

Cost of cabling is to be absorbed. May be relocated to a different pole at the direction of the project engineer. Camera location shall provide optimal sight distance.

⑦

Located at Shriners Boulevard and Traditions Parkway. Cost of cabling is to be absorbed.

⑧

Located at Shriners Boulevard and Traditions Parkway.

⑨

For Lighting Conduit

⑩

Long Range Broadband Radio Interconnect to be installed at Maple Street Water Tower in Biloxi, MS and Lyman Communication Tower at MDOT Gulf Region Office in Lyman, MS. All cost for a complete and operable system including cable, mounting hardware, and device configuration shall be included.

⑪

Quantity estimated based on 75% of the foundations will need slip casing. To be used as directed by the engineer.

③

⑨

②

②

②

②

③

①

⑦

⑦

⑥

②

⑩

⑧

②

②

⑤

②

④

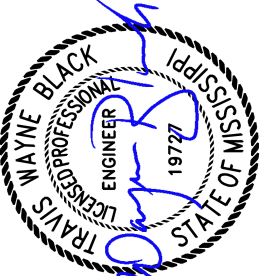
③

③

③

①①

③



07/28/25



MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DESIGNED BY: GARVER

DETAILED BY: RDL IV

CHECKED BY: TMB

DATE: JUL 2025

FMS CON: 108634/301100

PROJECT NO.: NHP-0064-01(038)

COUNTY: HARRISON

SUMMARY OF QUANTITIES

SHEET ID
SQ-5

SHEET NO.
24

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

07/28/25

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

07/28/25

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

07/28/25

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

07/28/25

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

07/28/25

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

07/28/25

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

07/28/25

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

07/28/25

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

07/28/25

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

07/28/25

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

07/28/25

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

07/28/25

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

07/28/25

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

07/28/25

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

07/28/25

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

07/28/25

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

07/28/25

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

07/28/25

WORKING DRAWING NUMBER	LOCATION	SOLID STATE TRAFFIC CABINET ASSEMBLY, TYPE III CABINET, TYPE I CONTROLLER	POWER SERVICE PEDESTAL	TRAFFIC SIGNAL EQUIPMENT POLES										POLE FOUNDATION CLASS "DS" CONCRETE	SLIP CASING	TRAFFIC SIGNAL HEADS													
				TYPE II(L)			40' SHAFT			TYPE III(L)						POLE SHAFT EXTENSION													
				30' SHAFT						30' SHAFT						10' SHAFT													
				25' ARM	30' ARM	35' ARM	40' ARM	45' ARM	40' ARM	40' ARM	45' ARM	40' ARM	40' & 50' ARM	30' & 40' ARM	25' & 60' ARM	EA	25' & 55' ARM	30' & 40' ARM	40' & 40' ARM	30' SHAFT 25' & 55' ARM	TYPE III 10' SHAFT	TYPE V 10' SHAFT	POLE SHAFT EXTENSION	TYPE 1	TYPE 1A	TYPE 2	TYPE 2R	TYPE 2U	
TSL-1	Licksillet Rd Matchlines	EA	EA																										
TSL-2	Licksillet Rd	2	2		1	1		1																					
TSL-3	Shiners Blvd Matchlines																												
TSL-4	Shiners Blvd	2	2	1					1																				
TSL-5	Tradition Pkwy Matchlines																												
TSL-6	Tradition Pkwy	2	2		1	1	2	1	1	2	1	2	1	1	1	1	2	1	1	1	2	2	2	1	4	4	2	6	6
	TOTAL	6	6																										

PLAN SHEET

TRAFFIC SIGNALS CONT'D.

WORKING DRAWING NUMBER	LOCATION	ELECTRIC CABLE, UNDERGROUND IN CONDUIT						PULL BOX ENCLOSURE			TRAFFIC SIGNAL CONDUIT (UNDERGROUND)			FLASHING ASSEMBLY, BE PREPARED TO STOP WHEN FLASHING	SIGNAL STOP BAR RADAR VEHICLE DETECTION SENSOR, TYPE 2	SIGNAL ADVANCED RADAR VEHICLE DETECTION SENSOR, TYPE 2	SIGNAL RADAR VEHICLE DETECTION CABLE	SIGNAL RADAR VEHICLE DETECTION PROCESSOR, TYPE 2	REMOVAL OF EXISTING TRAFFIC SIGNAL EQUIPMENT	ON STREET VIDEO EQUIPMENT, FIXED TYPE	ON STREET VIDEO EQUIPMENT, PTZ TYPE	ON STREET VIDEO EQUIPMENT, PTZ TYPE, SIGNAL MONITORING	TRAFFIC SIGN	STREET NAME SIGN	TRAFFIC MANAGEMENT CENTER MODIFICATION	FIBER OPTIC DROP CABLE, 12 SM	RADIO INTERCONNECT, BROADBAND, LONG RANGE	RADIO INTERCONNECT, BROADBAND, SHORT RANGE	NETWORK SWITCH, TYPE B	NETWORK SWITCH, TYPE F	REMOVE AND RESET TRAFFIC SIGNAL EQUIPMENT																		
		IMSA-20-1 AWG 10		IMSA-20-1 AWG 14		IMSA-20-1 AWG 14		IMSA-20-1 AWG 14		IMSA-20-1 THHN AWG 12		TYPE 4	ROLLED PIPE																																				
		2C		4C		8C		3C		3C																																							
		0	2877	3435	0	981	10	EA	TYPE 2	TYPE 3	TYPE 4	TYPE 3	TYPE 4	TYPE 3	TYPE 4	TYPE 3	TYPE 4	TYPE 3	TYPE 4	TYPE 3	TYPE 4	TYPE 3	TYPE 4	TYPE 3	TYPE 4	TYPE 3	TYPE 4	TYPE 3	TYPE 4	TYPE 3																			
TSL-1	Licksillet Rd Matchlines																																																
TSL-2	Licksillet Rd	1463	144	8420	829	159	9	3	702	1084	789	311	311	4	2	2	2302	4191																															
TSL-3	Shiners Blvd Matchlines	527	2760	1847	0	437	10		2182	176	663	789	789	4	6	2	1224	1224																															
TSL-4	Shiners Blvd	1722	310	6805	679	325	7	3	535	1061	747	747	747		6	2	4186	2	1	1	1	1	1	1	1	1	1	1	1	1																			
TSL-5	Tradition Pkwy Matchlines	1087	3185	3258	0	997	11		2115	832	377	377	377	4	2	2	2264																																
TSL-6	Tradition Pkwy	2019	220	7276	319	238	6	3	380	1073	539	539	539		6	2	4447	2	1	1	1	1	1	1	1	1	1	1	1	1																			
	TOTAL	6818	9496	31041	1827	3137	53	9	7714	5201	3426	3426	3426	12	24	6	18614	6	2	2	3	351.00	149.5	1.00	3403	2	3	3	2	5																			

ESTIMATED QUANTITIES

TRAFFIC SIGNAL ITEMS

SHEET ID
EQ-12

SHEET NO.
40

DATE 5:21:53 PM EQ-SIGNALS.dgn

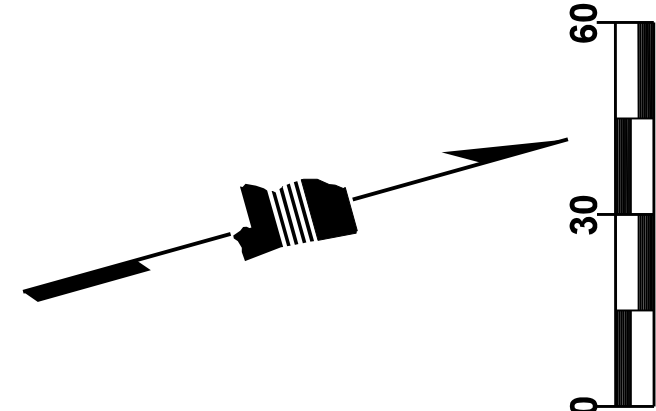
DATE	5:22:24 PM	TSL-4.dgn	PLAN SHEET
------	------------	-----------	------------



NOTE: COST OF SERVICE POLE TO BE ABSORBED
 * FOUNDATION DIAMETERS MAY NEED TO BE ADJUSTED TO ACCOMMODATE SIGNAL POLE BOLT CIRCLES. CONTRACTOR TO PROVIDE
 ADEQUATE COVER TO ANCHOR BOLTS, AS DICTATED BY ANCHOR BOLTS CIRCLES PROVIDED BY POLE MANUFACTURER.
 ** POLE D SHAFT LENGTH CONSISTS OF THE 40' TRAFFIC SIGNAL POLE SHAFT AND THE 10' POLE SHAFT EXTENSION AS MENTIONED
 IN NOTE 6.

1. ALL SIGNAL HEADS SHALL BE LED, BLACK IN COLOR, AND EQUIPPED WITH RETRO-REFLECTIVE BACKPLATES AND VISORS.
2. DESIGN WIND SPEED FOR TRAFFIC SIGNAL POLES SHALL BE 140 MPH. ACCORDING TO 2013 AASHTO SPECIFICATIONS, USE FATIGUE CATEGORY II, USE 50 YEAR DESIGN SERVICE LIFE, AND DO NOT CONSIDER GALLOPING OR TRUCK-INDUCED GUSTS. ICE LOADS INCLUDED.
3. TRAFFIC SIGNAL POLES SHALL BE HOT DIPPED GALVANIZED.
4. TRAFFIC SIGNAL CONTROLLER AND RADAR DETECTION SENSOR SHALL PROVIDE DYNAMIC ALL RED EXTENSION (DARE) COLLISION ADVANCE FUNCTIONALITY ON SR 67. ALL FUNCTIONALITY SHALL BE COST ABSORBED AS PER USD-59K.
5. DARE SHALL BE OPERATIONAL PRIOR TO SIGNAL BEING PLACED IN OPERATION.
6. ITS CAMERA AND FIXED TYPE PTZ TO BE MOUNTED ON SIGNAL POLE SHAFT EXTENSION ON POLE D. TRAFFIC SIGNAL MONITORING CAMERA TO BE MOUNTED ON POLE A SHAFT. SHORT RANGE RADIO TO COMMUNICATE WITH LONG RANGE RADIO TO BE INSTALLED ON LYMAN TOWER G30528399. -88.1119857. SHORT RANGE RADIO TO BE MOUNTED ON 10' TRAFFIC SIGNAL POLE SHAFT EXTENSION ON POLE D.
7. SEE PAVEMENT MARKING DETAIL SHEETS FOR LOCATIONS OF STOP BARS.

ORDING TO 2013
SERVICE LIFE,
INCLUDED.
DE DYNAMIC
ALL



DESIGNED BY: GARVER

DETAILED BY: ZJD

CHECKED BY: JKS

DATE: JUL 2025

FMS CON: 108634/301000

PROJECT NO.: HSP-0064-01(038)

COUNTY: HARRISON

SHEET ID
LD-1

SHEET NO.
4004

07/28/25

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

MDOT

Professional Engineer
JAMES SCHMITT
33922

07/28/25

7 PIN RECEPTACLE
(WITH SHORTING CAP
IF REQUIRED)

CAST ALUMINUM
HOUSING

SLIPFITTER (ADJUSTABLE
FROM 1" TO 2" DIAMETER)

106W LED LUMINAIRE
(SEE DETAIL THIS SHEET)

8'-0"

TAPERED BRACKET ARM

STRUT

LIGHT FIXTURE "A" (SINGLE ARM)

WIND RESISTANCE IN
ACCORDANCE
W/SECTION 723.05.1
1.14 GUST FACTOR MIN.
STEEL OR ALUMINUM POLE
W/ WIND LOAD CALCULATIONS
NOT REQUIRED

40'-0"

1'-0"

EDGE OF PAVEMENT

LUMINAIRE OVERHANG

BREAKAWAY BASE
SEE DETAIL THIS SHEET

SEE DETAIL, THIS SHEET

PROVIDE MIN. 6'-9" FROM EDGE
OF PAVEMENT TO POLE BASE

1

LD-1

N.T.S.

LUMINAIRE-LOWMAST LIGHTING ASSEMBLY DETAIL

LUMINAIRE REQUIREMENTS - REFER TO SPECIFICATIONS

FINISHED GRADE

LOGO - "LIGHTING"

RATED 22,500 lbs.
OR TIER 22

6"

CLASS "B" CONCRETE

POLYMER CONCRETE
PULL BOX OR
JUNCTION BOX
SIZE PER PLANS
(OR AS REQUIRED BY N.E.C.)

SPLICE AND BOND
TO GROUND ROD

6"-8" DEPTH GRAVEL
(MDOT #57)

CABLE FROM
BRANCH CKT

GROUND ROD

PVC CONDUIT

PVC TO GALV. ADAPTER

GALV. CONDUIT

UNDERGROUND JUNCTION BOX OR PULL BOX DETAIL

3

LD-1

N.T.S.

TOP OF FOUNDATION

1" NON SHRINK GROUT

CONDUIT AND CONDUCTORS
(AS REQUIRED)

B

A

3" CL

3" CL

7"

4" SPACED

REINFORCING BAR "C"

#4 TIES @ 2" O.C.

#4 TIES (SPACED AS SHOWN)

1" NON SHRINK GROUT

TOP OF FOUNDATION

TYPICAL FOUNDATION DETAILS

5

LD-1

N.T.S.

5

LD-1

N.T.S.

TYPICAL FOUNDATION DETAILS

6

LD-1

N.T.S.

3

LD-1

N.T.S.

TYPICAL 24" DIA REINFORCING DETAILS

3

LD-1

N.T.S.

SCHEDULE - FOUNDATIONS

POLE DESIGNATION	TYPE	A	B	C	D
A	30-1-10-263	9'-0"	2'-0"	8'-#6	0

NOTE:
1. EMBEDMENT DEPTHS "A" ARE MEASURED FROM NATURAL GROUND.

5

LD-1

N.T.S.

TYPICAL TRANSFORMER BREAKAWAY BASE

4

LD-1

N.T.S.

CAST METAL TRANSFORMER BASE

POLE SHAFT- HEIGHT VARIES

CONNECTING BOLTS

METAL DOOR, HINGED OR DETACHABLE

LEVELING NUTS (OR SHIMS)

GROUT

FOUNDATION

NOTES:

1. BREAKAWAY DEVICES MUST MEET THE REQUIREMENTS OF THE CURRENT EDITION OF AASHTO STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS, OR NCHRP REPORT 350.

2. CONTRACTOR SHALL LIMIT THE AMOUNT OF WIRE USED IN THE BREAKAWAY BASE DEVICE SO THAT THE CIRCUIT WILL ELECTRICALLY DISCONNECT AS CLOSE AS POSSIBLE TO THE TOP OF THE FOUNDATION WHEN STRUCK BY AN ERRANT VEHICLE.

3. CONDUIT PROJECTING INTO THE POLE SHALL BE CUT OFF LOW ENOUGH TO ENSURE IT DOES NOT EFFECT THE OPERATION OF THE BREAKAWAY DEVICE. IN NO INSTANCE SHALL THE CONDUIT EXTEND ABOVE THE MAXIMUM 4" STUB HEIGHT.

5

LD-1

N.T.S.

TYPICAL TRANSFORMER BREAKAWAY BASE

4

LD-1

N.T.S.

BREAKAWAY COUPLING WITH COVERS OR SLIPBASE.

WWF 6 X 6 - W2.9XW2.9

BREAKAWAY SUPPORT STUB HEIGHT SHALL COMPLY WITH AASHTO ROADSIDE DESIGN GUIDE CHAPTER 4.2.

NOTES:

1. BREAKAWAY DEVICES MUST MEET THE REQUIREMENTS OF THE CURRENT EDITION OF AASHTO STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS, OR NCHRP REPORT 350.

2. CONTRACTOR SHALL LIMIT THE AMOUNT OF WIRE USED IN THE BREAKAWAY BASE DEVICE SO THAT THE CIRCUIT WILL ELECTRICALLY DISCONNECT AS CLOSE AS POSSIBLE TO THE TOP OF THE FOUNDATION WHEN STRUCK BY AN ERRANT VEHICLE.

3. CONDUIT PROJECTING INTO THE POLE SHALL BE CUT OFF LOW ENOUGH TO ENSURE IT DOES NOT EFFECT THE OPERATION OF THE BREAKAWAY DEVICE. IN NO INSTANCE SHALL THE CONDUIT EXTEND ABOVE THE MAXIMUM 4" STUB HEIGHT.

DATE5:22:44 PMILL.LD-1.dgnPLAN SHEET