

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> 8/20/2019 </u>	ADDENDUM NO. _____	DATED _____
ADDENDUM NO. _____	DATED _____	ADDENDUM NO. _____	DATED _____
ADDENDUM NO. _____	DATED _____	ADDENDUM NO. _____	DATED _____

Number	Description
1	Revised Bid Items; Revised or Added Plan Sheets Nos. 8001, 8002 & 8003; Amendment EBS 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.
 BRNH-0008-01(144)V21/ 102111303000
 Harrison County(ies)
 Revised 01/26/2016

Bridge Replacements on US Highway 49 over Flat Branch, Bridge Nos. 8.0A & 8.0B, known as Federal Aid Project No. BRNH-0008-01(144)V21 / 102111303 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
0020	201-B001		1	Acre	Clearing and Grubbing
0030	202-A001		1	Lump Sum	Removal of Obstructions
0040	202-B007		7,292	Square Yard	Removal of Asphalt Pavement, All Depths
0050	202-B029		213	Square Yard	Removal of Bridge End Pavement
0060	202-B052		170	Square Yard	Removal of Concrete Driveways, All Depths
0070	202-B062		75	Square Yard	Removal of Concrete Overlaid w/ Asphalt Pavement, All Depths
0080	202-B089		254	Linear Feet	Removal of Curb &/or Curb and Gutter, All Types
0090	202-B158		797	Linear Feet	Removal of Guard Rail, Including Rails, Posts and Terminal Ends
0100	202-B191		224	Linear Feet	Removal of Pipe, 8" And Above
0110	202-B206		5	Each	Removal of Right-Of-Way Marker
0120	202-B215		2	Each	Removal of Sign Including Post & Footing
0130	202-B240		1,000	Linear Feet	Removal of Traffic Stripe
0140	203-A001	(E)	8,956	Cubic Yard	Unclassified Excavation, FM, AH
0150	203-EX018	(E)	6,612	Cubic Yard	Borrow Excavation, AH, FME, Class B7-6
0160	203-G001	(E)	8,473	Cubic Yard	Excess Excavation, FM, AH
0170	206-A001	(S)	50	Cubic Yard	Structure Excavation
0180	206-B001	(E)	5	Cubic Yard	Select Material for Undercuts, Contractor Furnished, FM
0190	209-A005		13,351	Square Yard	Geotextile Stabilization, Type V, Non-Woven
0200	211-B001	(E)	500	Cubic Yard	Topsoil for Slope Treatment, Contractor Furnished
0210	213-C001		4	Ton	Superphosphate
0220	216-A001		1,838	Square Yard	Solid Sodding
0230	217-A001		694	Square Yard	Ditch Liner
0240	219-A001		37	Thousand Gallon	Watering [\$20.00]
0250	220-A001		8	Acre	Insect Pest Control [\$30.00]
0260	221-A001	(S)	3	Cubic Yard	Concrete Paved Ditch
0270	223-A001		16	Acre	Mowing [\$50.00]
0280	225-A001		8	Acre	Grassing
0290	225-B001		4	Ton	Agricultural Limestone
0300	225-C001		16	Ton	Mulch, Vegetative Mulch
0310	226-A001		4	Acre	Temporary Grassing
0320	234-A001		8,765	Linear Feet	Temporary Silt Fence

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
0330	234-C001		530	Linear Feet	Super Silt Fence
0340	237-A002		800	Linear Feet	Wattles, 20"
0350	245-A001		530	Linear Feet	Silt Dike
0360	246-B001		430	Each	Rockbags
0370	249-A001		300	Ton	Riprap for Erosion Control
0380	403-A003	(BA1)	1,155	Ton	12.5-mm, ST, Asphalt Pavement
0390	403-A004	(BA1)	744	Ton	19-mm, HT, Asphalt Pavement
0400	403-A006	(BA1)	2,721	Ton	19-mm, ST, Asphalt Pavement
0410	403-A015	(BA1)	917	Ton	9.5-mm, ST, Asphalt Pavement
0420	403-D001	(BA1)	2,213	Ton	12.5-mm, HT, Asphalt Pavement, Polymer Modified
0430	403-D007	(BA1)	1,615	Ton	9.5-mm, HT, Asphalt Pavement, Polymer Modified
0440	406-A002		5,992	Square Yard	Cold Milling of Bituminous Pavement, All Depths
0450	407-A001	(A2)	3,000	Gallon	Asphalt for Tack Coat
0460	413-E001		1,584	Linear Feet	Sawing and Sealing Transverse Joints in Asphalt Pavement
0470	423-A001		5	Mile	Rumble Strips, Ground In
0480	501-D001		227	Linear Feet	Expansion Joints, With Dowels
0490	502-A001	(C)	505	Square Yard	Reinforced Cement Concrete Bridge End Pavement
0500	503-C010		2,898	Linear Feet	Saw Cut, Full Depth
0510	601-B001	(S)	2	Cubic Yard	Class "B" Structural Concrete, Minor Structures
0520	602-A001	(S)	47	Pounds	Reinforcing Steel
0530	603-ALT003	(S)	368	Linear Feet	18" Type A Alternate Pipe
0540	603-ALT006	(S)	88	Linear Feet	24" Type A Alternate Pipe
0550	603-ALT009	(S)	72	Linear Feet	30" Type A Alternate Pipe
0560	603-CA012	(S)	48	Linear Feet	18" Reinforced Concrete Pipe, Class III, Rubber Type Gaskets
0570	603-CB003	(S)	2	Each	18" Reinforced Concrete End Section
0580	603-CE003	(S)	96	Linear Feet	22" x 13" Concrete Arch Pipe, Class A III, Flexible Plastic Gaskets
0590	603-CF002	(S)	1	Each	22" x 13" Concrete Arch Pipe End Section
0600	604-B001		250	Pounds	Gratings
0610	605-AA001	(S)	129	Square Yard	Geotextile for Subsurface Drainage, Type III
0620	605-O002	(S)	232	Linear Feet	4" Perforated Sewer Pipe for Underdrains, SDR 23.5
0630	605-P002	(S)	74	Linear Feet	4" Non-perforated Sewer Pipe for Underdrains, SDR 23.5
0640	605-W001	(GY)	9	Cubic Yard	Filter Material for Combination Storm Drain and/or Underdrains, Type A, FM
0650	606-B007		288	Linear Feet	Guard Rail, Class A, Type 1, Double Faced, Metal Post

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
0660	606-B009		988	Linear Feet	Guard Rail, Class A, Type 1, Metal Post
0670	606-C001		3	Each	Guard Rail, Cable Anchor Type 1, Metal Post
0680	606-D022		5	Each	Guard Rail, Bridge End Section, Type I
0690	606-E001		2	Each	Guard Rail, Terminal End Section
0700	606-E003		2	Each	Guard Rail, Terminal End Section, Double Faced
0710	614-A001	(S)	113	Square Yard	Concrete Driveway, Without Reinforcement
0720	615-A001	(S)	80	Linear Feet	Concrete Bridge End Barrier, 32"
0730	617-A001		8	Each	Right-of-Way Marker
0740	618-A001		1	Lump Sum	Maintenance of Traffic
0750	618-C001		1	Lump Sum	Construction and Removal of Detour Bridge
0760	619-A1001		2	Mile	Temporary Traffic Stripe, Continuous White
0770	619-A2001		2	Mile	Temporary Traffic Stripe, Continuous Yellow
0780	619-A3001		3	Mile	Temporary Traffic Stripe, Skip White
0790	619-A5001		4,226	Linear Feet	Temporary Traffic Stripe, Detail
0800	619-C6001		289	Each	Red-Clear Reflective High Performance Raised Marker
0810	619-C7001		289	Each	Two-Way Yellow Reflective High Performance Raised Marker
0820	619-C8001		289	Each	One-Way Clear Reflective High Performance Raised Marker
0830	619-D1001		76	Square Feet	Standard Roadside Construction Signs, Less than 10 Square Feet
0840	619-D2001		736	Square Feet	Standard Roadside Construction Signs, 10 Square Feet or More
0850	619-F1002		90	Linear Feet	Portable Median Barrier
0860	619-F3001		4	Each	Delineators, Guard Rail, White
0870	619-F3002		4	Each	Delineators, Guard Rail, Yellow
0880	619-G4005		120	Linear Feet	Barricades, Type III, Single Faced
0890	619-G5001		45	Each	Free Standing Plastic Drums
0900	619-G7001		12	Each	Warning Lights, Type "B"
0910	619-K2001		2	Each	Installation and Removal of Guard Rail, Bridge End Section
0920	619-K2002		2	Each	Installation and Removal of Guard Rail, Type "G" Modified Bridge End Section
0930	619-K4001		4	Each	Installation and Removal of Guardrail, Terminal End Section
0940	620-A001		1	Lump Sum	Mobilization
0950	626-A001		2	Mile	6" Thermoplastic Double Drop Traffic Stripe, Skip White
0960	626-B002		1	Mile	6" Thermoplastic Double Drop Traffic Stripe, Continuous White
0970	626-F003		1	Mile	6" Thermoplastic Edge Stripe, Continuous Yellow
0980	626-G004		207	Linear Feet	Thermoplastic Double Drop Detail Stripe, White

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
0990	626-G005		578	Linear Feet	Thermoplastic Double Drop Detail Stripe, Yellow
1000	626-H001		40	Square Feet	Thermoplastic Double Drop Legend, White
1010	627-K001		192	Each	Red-Clear Reflective High Performance Raised Markers
1020	628-A001		2	Mile	6" Cold Plastic Traffic Stripe, Skip White
1030	628-A002		40	Linear Feet	6" Cold Plastic Traffic Stripe, Skip White
1040	630-A001		18	Square Feet	Standard Roadside Signs, Sheet Aluminum, 0.080" Thickness
1050	630-A003		98	Square Feet	Standard Roadside Signs, Sheet Aluminum, 0.125" Thickness
1060	630-C003		84	Linear Feet	Steel U-Section Posts, 3.0 lb/ft
1070	630-E004		96	Pounds	Structural Steel Angles & Bars, 7/16" x 2 1/2" Flat Bar
1080	630-F003		2	Each	Delineators, Flexible Post Mounted, Crossover, Type II
1090	630-F006		33	Each	Delineators, Guard Rail, White
1100	630-F011		14	Each	Delineators, Post Mounted, Double Yellow
1110	630-K003		80	Linear Feet	Welded & Seamless Steel Pipe Posts, 4"
1120	699-A001		1	Lump Sum	Roadway Construction Stakes
1130	907-240-A001		711	Square Yard	Interlocking Flexible Block Erosion Control System
1140	907-619-E3001		2	Each	Changeable Message Sign
ALTERNATE GROUP AA NUMBER 1					
1150	304-F001	(GT)	9,250	Ton	3/4" and Down Crushed Stone Base
ALTERNATE GROUP AA NUMBER 2					
1160	304-F002	(GT)	9,250	Ton	Size 610 Crushed Stone Base
ALTERNATE GROUP AA NUMBER 3					
1170	304-F003	(GT)	9,250	Ton	Size 825B Crushed Stone Base
ALTERNATE GROUP BB NUMBER 1					
1180	605-W002	(GY)	197	Cubic Yard	Filter Material for Combination Storm Drain and/or Underdrains, Type B, FM
ALTERNATE GROUP BB NUMBER 2					
1190	605-W003	(GY)	197	Cubic Yard	Filter Material for Combination Storm Drain and/or Underdrains, Type C, FM
ALTERNATE GROUP CC NUMBER 1					
1200	907-624-A002		800	Linear Feet	6" Inverted Profile Thermoplastic Traffic Stripe, Skip White
ALTERNATE GROUP CC NUMBER 2					
1210	628-G001		800	Linear Feet	6" High Performance Cold Plastic Traffic Stripe, Skip White
ALTERNATE GROUP DD NUMBER 1					
1220	907-624-B002		400	Linear Feet	6" Inverted Profile Thermoplastic Traffic Stripe, Continuous White
1230	907-624-D001		400	Linear Feet	6" Inverted Profile Thermoplastic Traffic Stripe, Continuous Yellow, High Contrast
ALTERNATE GROUP DD NUMBER 2					
1240	628-H001		400	Linear Feet	6" High Performance Cold Plastic Traffic Stripe, Continuous White

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
1250	628-J001		400	Linear Feet	6" High Performance Cold Plastic Traffic Stripe, Continuous Yellow
Bridge Items					
1260	501-K001		2,222	Square Yard	Transverse Grooving
1270	803-C003	(S)	8,030	Linear Feet	16" x 16" Prestressed Concrete Piling
1280	804-C065	(S)	1,898	Linear Feet	40' Prestressed Concrete Beam, Type I+2
1290	804-C121	(S)	1,276	Linear Feet	80' Prestressed Concrete Beam, Type III
1300	805-A001	(S)	219,146	Pounds	Reinforcement
1310	813-A002	(S)	806	Linear Feet	Concrete Railing, 32"
1320	815-A007	(S)	1,228	Ton	Loose Riprap, Size 300
1330	815-E001	(S)	974	Square Yard	Geotextile under Riprap
1340	907-803-B001	(S)	2	Each	Conventional Static Pile Load Test [\$5,000.00]
1350	907-803-I002	(S)	6	Each	PDA Test Pile, Concrete Pile
1360	907-803-J001	(S)	4	Each	Pile Restrike
1370	907-804-A002	(S)	290	Cubic Yard	Bridge Concrete, Class AA
1380	907-804-A004	(S)	630	Cubic Yard	Bridge Concrete, Class BD

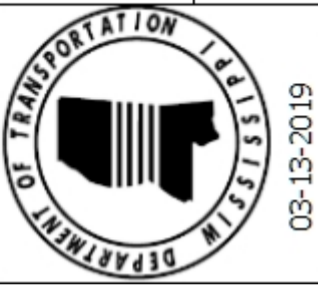
ADDENDUM

STATE	PROJECT NO.
MISS.	BRNH-0008-01(144)VZ1

SUMMARY OF QUANTITIES

PAY ITEM NO.	PAY ITEM	UNIT	QUANTITIES	
			PRELIMINARY	FINAL
501-K001	Transverse Grooving	SY	2,222	
907-803-B001	Conventional Static Pile Load Test	EA	2	
803-C003	16" x 16" Prestressed Concrete Piling	LF	8,030	
907-803-I002	PDA Test Pile, Concrete Pile	EA	6	
907-803-I001	Pile Restrike	EA	4	
907-804-A002	Bridge Concrete, Class AA	CY	290	
907-804-A004	Bridge Concrete, Class BD	CY	630	
804-C065	40' Prestressed Concrete Beam, Type I+2	LF	1,898	
804-C121	80' Prestressed Concrete Beam, Type III	LF	1,276	
805-A001	Reinforcement	LBS	219,146	
813-A002	Concrete Railing, 32"	LF	806	
815-A007	Loose Riprap, Size 300	TON	1,228	
815-E001	Geotextile under Riprap	SY	974	





03-13-2019

Revised Quantity	08/19/2019	By	
Revision	Date	By	

MISSISSIPPI DEPARTMENT OF TRANSPORTATION
 SUMMARY OF QUANTITIES
 (BRIDGE ITEMS)
 PROJECT BRNH-0008-01(144)VZ1
 102111-303000

HARRISON COUNTIES
 DESIGNER Barbara Jones, PE CHECKER
 DETAILER ISSUE DATE 03-13-2019

WORKING NUMBER
SQ-BR-1
 SHEET NUMBER
8002

DIRECTOR OF STRUCTURES, STATE BRIDGE ENGINEER - JUSTIN WALKER, P.E.
 DEP. DIR. OF STRUCTURES, ASST. STATE BRIDGE ENGINEER - SCOTT WESTERFIELD, P.E.

GENERAL NOTES:

Mississippi Standard Specifications for Road and Bridge Construction, 2017. No change of Plans will be permitted except by written approval of the Director of Structures, State Bridge Engineer. Minor changes in detail of design or construction procedure may be authorized by the Director of Structures, State Bridge Engineer provided such changes will not be cause for contract price adjustment. The final surface texture of the bridge deck shall be mechanically transverse grooved in accordance with Sections 501 and 804 of the specifications. See Misc. Bridge concrete shall be class "AA" or Class "BD" as indicated in plans. Rebar expansion joint material shall be bituminous fiber type unless otherwise noted. No payment will be allowed for excavation incidental to the construction of end bents. Bar bending details shall be in accordance with "Manual of Standard Practice for Detailing Reinforced Concrete Structures" (ACI 315R-94). Reinforcement order lists and required placing plans shall be furnished in accordance with Section 805 of the Mississippi Standard Specifications. Partial submittals are not acceptable. Shop drawings of prestressed beams, including an erection plan, shall be submitted in duplicate to the Director of Structures, State Bridge Engineer for approval prior to the manufacture of beams. The fabricator shall provide camber data at release and immediately prior to shipping. The Contractor shall provide camber data after erection. The Contractor should be aware that the deflection diagram may be modified based on the provided camber data. Therefore, deck grades should be set only after notification from the Director of Structures, State Bridge Engineer. Concrete surfaces shall receive a Class 2 rubbed or spray finish in accordance with the specifications. Reinforcing steel shall be ASTM A615, Grade 60, unless otherwise noted. Work for which no pay item is provided in the proposal will not be paid for directly and compensation therefor will be included in the prices and payments for bid items.

PILE NOTES:

Test piles shall be driven as permanent piles at the location shown in the PDA TEST PILE SCHEDULE and will be paid for as test piles only. The Director of Structures, State Bridge Engineer may authorize test piles driven outside the structural limits. Test piles shall be driven as a continuous operation, to the bearing capacity and the tip elevations shown in the PDA TEST PILE SCHEDULE, unless otherwise directed by the Director of Structures, State Bridge Engineer. Permanent piles shall be driven to an elevation no higher than the elevation shown in the REQUIRED ULTIMATE PILE BEARING CAPACITY AND TIP ELEVATION SCHEDULE. The tip elevation of piling, for hydraulic structures, may be determined by the scour line. When feasible, bearing piles shall be driven full length and be spliced, only, as approved by the Director of Structures, State Bridge Engineer. When loading tests are required, the maximum test load shall be one and one half (1 1/2) times the minimum pile bearing capacity. All piles shall be prestressed type per details on sheet no. 22. Prestressed concrete piling shall not be driven until the concrete has reached a minimum compressive strength of 5,000 psi and is at least 7 days old. PDA test piles shall require a 1 day and 7 day restrike unless otherwise directed by the Engineer. Pile lengths and driving criteria shall be provided based on the results of the PDA test piles. The required ultimate pile bearing shown in the REQUIRED ULTIMATE PILE BEARING AND TIP ELEVATION SCHEDULE includes the LAFD resistance factor for PDA of 0.65. Pile hammer leads used for all PDA test piles and PDA restrikes shall be large enough to provide a minimum of 3' of clearance on each side of the pile in order to properly place and protect PDA gages. Prestressed concrete piles shall be driven with a maximum rated energy to the tip elevations specified unless the Contractor's drivability analysis utilizing the Contractor's selected drivability hammer is approved by the Director of Structures, State Bridge Engineer.

NOTE:

The girder deflection diagrams shown in these plans were prepared and intended for design and estimation purposes only. Actual bridge girder deflections may differ from the deflection diagrams shown in these plans. It is the Contractor's responsibility to construct the bridge to meet the requirements of the plans and specifications including, but not limited to, the requirements for bridge deck smoothness. Prior to formwork construction, the Contractor shall submit three (3) copies of a proposed BRIDGE SUPERSTRUCTURE CONSTRUCTION PLAN to the Director of Structures, State Bridge Engineer for review, through the Project Engineer. This submittal shall include all calculations, assumptions and parameters used by the Contractor to determine bridge girder deflections and form grade elevations. This submittal shall also include an erection and construction procedure that addresses the construction means and methodologies used by the Contractor and shall consider effects including, but not limited to, construction phasing, pouring schedules, applied permanent and construction loading, and shall include calculations and details of temporary girder bracing systems used to ensure girder stability and to counter the effects of girder tilt. After girder erection and prior to deck construction, the Contractor shall submit deck thickness verification calculations for each girder. These calculations shall include a comparison of the erected girder top flange profiles versus the plan deck grade elevations over each girder plus the anticipated girder deflection due to applied permanent dead load and creep. Three (3) copies of the deck thickness verification calculations and any proposed remediation measures to correct for thin deck areas shall be submitted to the Director of Structures, State Bridge Engineer for review, through the Project Engineer. The BRIDGE SUPERSTRUCTURE CONSTRUCTION PLAN and the deck thickness verification calculations shall be prepared and stamped by a Mississippi Registered Professional Engineer.

Table with 5 columns: Bent No., Required Bearing (Tons), Prestressed Conc. Piling, Est. Length (Ft.), Tip Elevation. Rows for 1L/R, 2L/R, 3L/R, 4L/R, 5L/R.

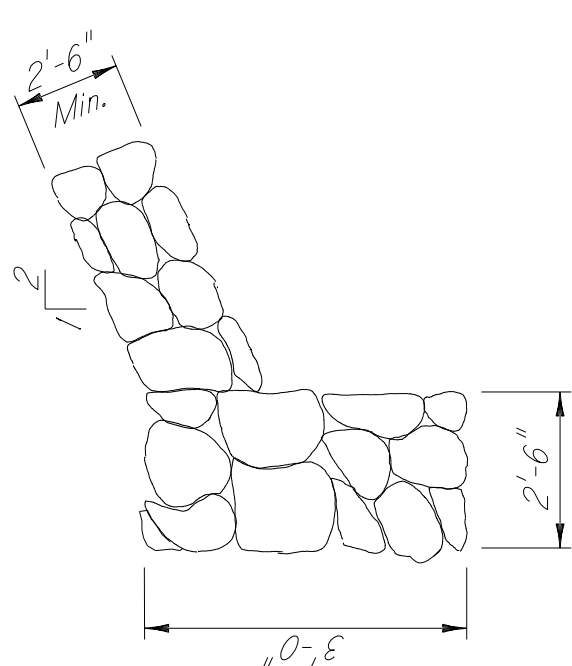
Table with 5 columns: Bent No., Min. Lgths-Ft., Tip Elevation. Rows for 2L/R, 3L/R, 5L/R.

Table with 5 columns: Bent No., Year, Scour. Rows for 1L/R, 2L/R, 3L/R, 4L/R, 5L/R.

Table with 10 columns: Item, Transverse Grooving, Conventional Static Pile Load Test, 16" x 16" Conc. Piling, PDA Test Pile, Pile Restrike, Bridge Concrete, 40 Ft. Prest. Conc. Beams Type 1+2, 80 Ft. Prest. Conc. Beams Type III, Reinforcement, Concrete Railing, Loose Riprap, Geotextile Under Riprap. Rows for Location, Spans, Int. Bents, Total.

Table with 10 columns: Item, Transverse Grooving, Conventional Static Pile Load Test, 16" x 16" Conc. Piling, PDA Test Pile, Pile Restrike, Bridge Concrete, 40 Ft. Prest. Conc. Beams Type III, 80 Ft. Prest. Conc. Beams Type I+2, Reinforcement, Concrete Railing, Loose Riprap, Geotextile Under Riprap. Rows for Location, Spans, Int. Bents, Total.

ESTIMATED QUANTITIES - LEFT LANE. ESTIMATED QUANTITIES - RIGHT LANE. MISSISSIPPI DEPARTMENT OF TRANSPORTATION. BRIDGE AT STA. 168+39.21 LT.LN. BRIDGE AT STA. 168+39.21 RT.LN. US 49 OVER FLAT BRANCH GENERAL NOTES. SPECIAL PROVISIONS REQUIRED: Concrete Bridges And Structures No. 907-804. DRAINAGE DATA: Drainage Area 6.4 sq. mi. 050 U.S.G.S. 2510 C.F.S.7t. Effective Area 1300 sq. ft. DESIGN DATA: Specifications A.A.S.H.T.O., LAFD 2014. Loading HL-93. Roadway Width 54'-0" Gutter To Gutter Concrete Bridge: Class "AA" (4,000 p.s.i.) Bridge: Class "BD" (4,000 p.s.i.) Stay-in-place metal deck forms. . . 18 psf (between flaggers) SEISMIC DATA: Seismic Performance Zone. I Seismic Soil Site Class. D Seismic Operational Class. Essential



RIPRAP TOE DETAILS



MISSISSIPPI DEPARTMENT OF TRANSPORTATION. BRIDGE AT STA. 168+39.21 LT.LN. BRIDGE AT STA. 168+39.21 RT.LN. US 49 OVER FLAT BRANCH GENERAL NOTES. FMS: 102111/303000. COUNTY: HARRISON. PROJECT NO: BRNH-0008-01(144)V21. WORKING NUMBER 1 OF 22. SHEET NUMBER 8003. Designer: Michael Wright, Checker: Josh Wilshire. Date: 04/24/19, Issue Date: 2019-03-13. Project: US 49 OVER FLAT BRANCH. State Bridge Engineer: SOUTH WESTFIELD, DE.