

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>9/6/2022</u>	ADDENDUM NO.	_____	DATED	_____
ADDENDUM NO.	<u>2</u>	DATED	<u>9/23/2022</u>	ADDENDUM NO.	_____	DATED	_____
ADDENDUM NO.	_____	DATED	_____	ADDENDUM NO.	_____	DATED	_____

Number

Description

- 1 Revised Bid Items; Amendment EBSx Download Required.
- 2 Revised Table of Contents; Added Notice to Bidder No. 4517; Revised Bid Items; Revised Plan Sheet Nos. 8001 & 8017; Amendment EBSx Download Required.

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.

BR-0145-00(006)/ 102485302000

Clarke County(ies)

Revised 01/26/2016

MISSISSIPPI DEPARTMENT OF TRANSPORTATION
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PROJECT: BR-0145-00(006)/102485302 - Clarke

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

09/23/2022 12:22 PM

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904 - NOTICE TO BIDDERS NO. 4517

CODE: (SP)

DATE: 9/23/2022

SUBJECT: Pay Item Number Corrections

PROJECT: BR-0145-00(006) / 102485302 – Clarke County

Bidders are hereby advised that the Summary of Quantities in the Contract Plans show incorrect pay item numbers for the following items shown in the table below. The Bid Sheets are correct.

Pay Item Description	Incorrect Pay Item No.	Correct Pay Item No.
Temporary Silt Fence	234-A001	907-234-A001
Super Silt Fence	234-C001	907-234-C001
Inlet Siltation Guard	234-D001	907-234-D001

Section 905

BR-0145-00(006)/102485302

Proposal (Sheet 2 - 1)

CLARKE

Bridge Replacements on SR 145 (Bridge Nos. 35.0 & 43.8), known as Federal Aid Project No. BR-0145-00(006) / 102485302 in Clarke County.

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
Roadway Items					
0010	201-B001		1	Acre	Clearing and Grubbing
0020	202-B007		2,992	Square Yard	Removal of Asphalt Pavement, All Depths
0030	202-B023		2	Each	Removal of Bridge
0040	202-B080		30	Square Yard	Removal of Concrete Sidewalk
0050	202-B088		100	Linear Feet	Removal of Curb & Gutter, All Types
0060	202-B136		656	Linear Feet	Removal of Guard Rail
0070	202-B191		16	Linear Feet	Removal of Pipe, 8" And Above
0080	202-B215		9	Each	Removal of Sign Including Post & Footing
0090	203-A001	(E)	2,432	Cubic Yard	Unclassified Excavation, FM, AH
0100	203-EX017	(E)	11,271	Cubic Yard	Borrow Excavation, AH, FME, Class B7
0110	206-A001	(S)	4	Cubic Yard	Structure Excavation
0120	209-A005		5,660	Square Yard	Geotextile Stabilization, Type V, Non-Woven
0130	211-B001	(E)	1,500	Cubic Yard	Topsoil for Slope Treatment, Contractor Furnished
0140	213-C001		3	Ton	Superphosphate
0150	216-A001		54	Square Yard	Solid Sodding
0160	217-A001		134	Square Yard	Ditch Liner
0170	219-A001		1	Thousand Gallon	Watering [\$20.00]
0180	220-A001		5	Acre	Insect Pest Control [\$30.00]
0190	221-A001	(S)	6	Cubic Yard	Concrete Paved Ditch
0200	223-A001		9	Acre	Mowing [\$50.00]
0210	225-A001		5	Acre	Grassing
0220	225-B001		3	Ton	Agricultural Limestone
0230	225-C001		9	Ton	Mulch, Vegetative Mulch
0240	226-A001		5	Acre	Temporary Grassing
0250	229-A001		134	Square Yard	Erosion Mat
0260	236-A008		1	Each	Silt Basin, Type D
0270	237-A002		1,400	Linear Feet	Wattles, 20"
0280	239-A001		400	Linear Feet	Temporary Slope Drains
0290	246-B001		128	Each	Rockbags
0300	249-A001		500	Ton	Riprap for Erosion Control
0310	403-A002	(BA1)	517	Ton	12.5-mm, MT, Asphalt Pavement
0320	403-A006	(BA1)	701	Ton	19-mm, ST, Asphalt Pavement
0330	403-A014	(BA1)	559	Ton	9.5-mm, MT, Asphalt Pavement

(Date Printed 09/23/22) (Addendum No. 2)

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
0340	406-D001		2,170	Square Yard	Fine Milling of Bituminous Pavement, All Depths
0350	407-A001	(A2)	1,026	Gallon	Asphalt for Tack Coat
0360	413-E001		144	Linear Feet	Sawing and Sealing Transverse Joints in Asphalt Pavement
0370	423-A001		1	Mile	Rumble Strips, Ground In
0380	501-E001		144	Linear Feet	Expansion Joints, Without Dowels
0390	501-K001		48	Square Yard	Transverse Grooving
0400	502-A001	(C)	333	Square Yard	Reinforced Cement Concrete Bridge End Pavement
0410	601-B001	(S)	1	Cubic Yard	Class "B" Structural Concrete, Minor Structures
0420	603-ALT009	(S)	40	Linear Feet	30" Type A Alternate Pipe
0430	603-CA026	(S)	16	Linear Feet	24" Reinforced Concrete Pipe, Class III
0440	603-CB004	(S)	1	Each	24" Reinforced Concrete End Section
0450	605-AA001	(S)	92	Square Yard	Geotextile for Subsurface Drainage, Type III
0460	605-O002	(S)	158	Linear Feet	4" Perforated Sewer Pipe for Underdrains, SDR 23.5
0470	605-P003	(S)	120	Linear Feet	4" Non-perforated Sewer Pipe for Underdrains, SDR 35
0480	605-W001	(GY)	20	Cubic Yard	Filter Material for Combination Storm Drain and/or Underdrains, Type A, FM
0490	606-B001		175	Linear Feet	Guard Rail, Class A, Type 1
0500	606-D022		8	Each	Guard Rail, Bridge End Section, Type I
0510	606-E005		8	Each	Guard Rail, Terminal End Section, Flared
0520	608-B001	(S)	30	Square Yard	Concrete Sidewalk, With Reinforcement
0530	609-D002	(S)	114	Linear Feet	Combination Concrete Curb and Gutter Type 1 Modified
0540	615-A024	(S)	80	Linear Feet	Concrete Bridge End Barrier, 37.5"
0550	617-A001		11	Each	Right-of-Way Marker
0560	618-A001		1	Lump Sum	Maintenance of Traffic
0570	619-A1002		3,199	Linear Feet	Temporary Traffic Stripe, Continuous White
0580	619-A2002		1,690	Linear Feet	Temporary Traffic Stripe, Continuous Yellow
0590	619-A4001		623	Linear Feet	Temporary Traffic Stripe, Skip Yellow
0600	619-A6002		40	Linear Feet	Temporary Traffic Stripe, Legend
0610	619-C7001		131	Each	Two-Way Yellow Reflective High Performance Raised Marker
0620	619-D1001		711	Square Feet	Standard Roadside Construction Signs, Less than 10 Square Feet
0630	619-D2001		200	Square Feet	Standard Roadside Construction Signs, 10 Square Feet or More
0640	619-G4001		30	Linear Feet	Barricades, Type III, Double Faced
0650	619-G4005		68	Linear Feet	Barricades, Type III, Single Faced
0660	619-G5001		50	Each	Free Standing Plastic Drums

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
0670	619-G7001		41	Each	Warning Lights, Type "B"
0680	620-A001		1	Lump Sum	Mobilization
0690	626-C001		3,199	Linear Feet	6" Thermoplastic Double Drop Edge Stripe, Continuous White
0700	626-D002		623	Linear Feet	6" Thermoplastic Double Drop Traffic Stripe, Skip Yellow
0710	626-E002		1,690	Linear Feet	6" Thermoplastic Double Drop Traffic Stripe, Continuous Yellow
0720	626-G004		685	Linear Feet	Thermoplastic Double Drop Detail Stripe, White
0730	626-G005		2,222	Linear Feet	Thermoplastic Double Drop Detail Stripe, Yellow
0740	626-H002		328	Linear Feet	Thermoplastic Double Drop Legend, White
0750	627-J001		27	Each	Two-Way Clear Reflective High Performance Raised Markers
0760	627-L001		131	Each	Two-Way Yellow Reflective High Performance Raised Markers
0770	630-A001		55	Square Feet	Standard Roadside Signs, Sheet Aluminum, 0.080" Thickness
0780	630-A003		44	Square Feet	Standard Roadside Signs, Sheet Aluminum, 0.125" Thickness
0790	630-C002		66	Linear Feet	Steel U-Section Posts, 2.0 lb/ft
0800	630-C003		187	Linear Feet	Steel U-Section Posts, 3.0 lb/ft
0810	630-E004		145	Pounds	Structural Steel Angles & Bars, 7/16" x 2 1/2" Flat Bar
0820	630-F006		30	Each	Delineators, Guard Rail, White
0830	630-G005		8	Each	Type 3 Object Markers, OM-3R or OM-3L, Post Mounted
0840	630-K002		42	Linear Feet	Welded & Seamless Steel Pipe Posts, 3"
0850	699-A001		1	Lump Sum	Roadway Construction Stakes
0860	815-A003	(S)	230	Ton	Loose Riprap, Size 150
0870	815-E001	(S)	357	Square Yard	Geotextile under Riprap
0880	815-F002	(S)	100	Ton	Sediment Control Stone
0890	907-234-A001		4,000	Linear Feet	Temporary Silt Fence
0900	907-234-C001		1,581	Linear Feet	Super Silt Fence
0910	907-234-D001		1	Each	Inlet Siltation Guard
0920	907-253-A001		96	Linear Feet	Coir Fiber Baffle
0930	907-608-C001		20	Square Feet	Detectable Warning Panels
0940	907-619-E3001		10	Each	Changeable Message Sign
0950	907-630-PP002		42	Square Feet	Roadside Directional Signs, Sheet Aluminum, 0.125" Thickness, Ground Mounted
ALTERNATE GROUP AA NUMBER 1					
0960	304-F001	(GT)	2,167	Ton	3/4" and Down Crushed Stone Base
ALTERNATE GROUP AA NUMBER 2					
0970	304-F002	(GT)	2,167	Ton	Size 610 Crushed Stone Base
ALTERNATE GROUP AA NUMBER 3					

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
0980	304-F003	(GT)	2,167	Ton	Size 825B Crushed Stone Base
ALTERNATE GROUP BB NUMBER 1					
0990	605-W002	(GY)	132	Cubic Yard	Filter Material for Combination Storm Drain and/or Underdrains, Type B, FM
ALTERNATE GROUP BB NUMBER 2					
1000	605-W003	(GY)	132	Cubic Yard	Filter Material for Combination Storm Drain and/or Underdrains, Type C, FM
ALTERNATE GROUP CC NUMBER 1					
1010	907-624-B002		640	Linear Feet	6" Inverted Profile Thermoplastic Traffic Stripe, Continuous White
1020	907-624-D002		640	Linear Feet	6" Inverted Profile Thermoplastic Traffic Stripe, Continuous Yellow
ALTERNATE GROUP CC NUMBER 2					
1030	628-H001		640	Linear Feet	6" High Performance Cold Plastic Traffic Stripe, Continuous White
1040	628-J001		640	Linear Feet	6" High Performance Cold Plastic Traffic Stripe, Continuous Yellow
Bridge Items					
1050	501-K001		1,153	Square Yard	Transverse Grooving
1060	803-D006	(S)	4,435	Linear Feet	HP 14 x 73 Steel Piling
1070	804-C186	(S)	547	Linear Feet	110' Prestressed Concrete Beam, Type FIB-45
1080	804-C199	(S)	1,043	Linear Feet	70' Prestressed Concrete Beam, Type FIB-36
1090	805-A001	(S)	102,641	Pounds	Reinforcement
1100	805-C001	(S)	2,632	Pounds	Reinforcement, Corrosion Resistant
1110	813-A004	(S)	648	Linear Feet	Concrete Railing, 36"
1120	815-A007	(S)	3,042	Ton	Loose Riprap, Size 300
1130	815-E001	(S)	2,550	Square Yard	Geotextile under Riprap
1140	907-803-B001	(S)	2	Each	Conventional Static Pile Load Test [\$5,000.00]
1150	907-803-I003	(S)	3	Each	PDA Test Pile, HP Steel Pile
1160	907-803-J001	(S)	3	Each	Pile Restrike
1170	907-804-A001	(S)	362	Cubic Yard	Bridge Concrete, Class BDx
1180	907-804-A002	(S)	182	Cubic Yard	Bridge Concrete, Class AA
1190	907-823-A001		146	Linear Feet	Preformed Joint Seal, Type I

ADDENDUM

DESCRIPTION OF SHEETS

WORKING
NUMBER

SHEET
NUMBER

- DETAILED INDEX (BRIDGE)
- SUMMARY OF QUANTITIES (BRIDGE)
- SR 145 OVER CHICKASAWHAY CREEK RELIEF BRIDGE "A" AT STA. 72+53.92
- GENERAL NOTES AND ESTIMATED QUANTITIES
- SR 145 ACROSS CHICKASAWHAY CREEK RELIEF LAYOUT
- SR 145 ACROSS CHICKASAWHAY CREEK RELIEF FOUNDATION PLAN
- END BENTS NO. 1 & 4 DETAILS
- END BENT DETAILS
- INTERMEDIATE BENT NO. 2 DETAILS
- INTERMEDIATE BENT NO. 3 DETAILS
- PLAN OF SPANS NO. 1-3
- 70 FT. SPAN DETAILS
- SPAN DETAILS
- MISCELLANEOUS SPAN DETAILS
- 70 FT. BEAM NO. 70-1 DETAILS (TYPE FIB-36)
- BEARING PAD DETAILS
- BEVELED BEARING PLATE AND END BEVEL DETAILS
- SR 145 OVER ROCKY CREEK BRIDGE "B" AT STA. 533+01.92
- GENERAL NOTES AND ESTIMATED QUANTITIES
- SR 145 ACROSS ROCKY CREEK LAYOUT
- SR 145 ACROSS ROCKY CREEK FOUNDATION PLAN
- END BENTS NO. 1 & 2 DETAILS
- END BENT DETAILS
- PLAN OF SPAN DETAILS
- 112'-2" SPAN DETAILS
- SPAN DETAILS
- MISCELLANEOUS SPAN DETAILS
- 112 FT. BEAM NO. 112-1 DETAILS (TYPE FIB-45)
- BEARING PAD DETAILS
- GENERALIZED SOIL PROFILE SHEETS
- GENERALIZED SOIL PROFILE SR 145 ACROSS CHICKASAWHAY CREEK RELIEF @ STA. 72+53.92
- GENERALIZED SOIL PROFILE SR 145 ACROSS ROCKY CREEK @ STA. 533+03.00
- BRIDGE EROSION CONTROL PLANS
- BRIDGE A EROSION CONTROL ELEVATION
- BRIDGE A EROSION CONTROL PLAN
- BRIDGE B EROSION CONTROL ELEVATION
- BRIDGE B EROSION CONTROL PLAN
- BRIDGE STANDARD SHEETS
- 3'-0" RAILING DETAILS (SLOTTED DRAINS)
- ORIGINAL PLANS FOR INFORMATION ONLY
- INFORMATION PLANS: BRIDGE A
- INFORMATION PLANS: BRIDGE B
- ESTIMATED QUANTITIES SHEETS
- ESTIMATED QUANTITIES

BRIDGE DIVISION		
REVISIONS		
DATE	SHEET NO.	BY
9/6/22	8017	JWF

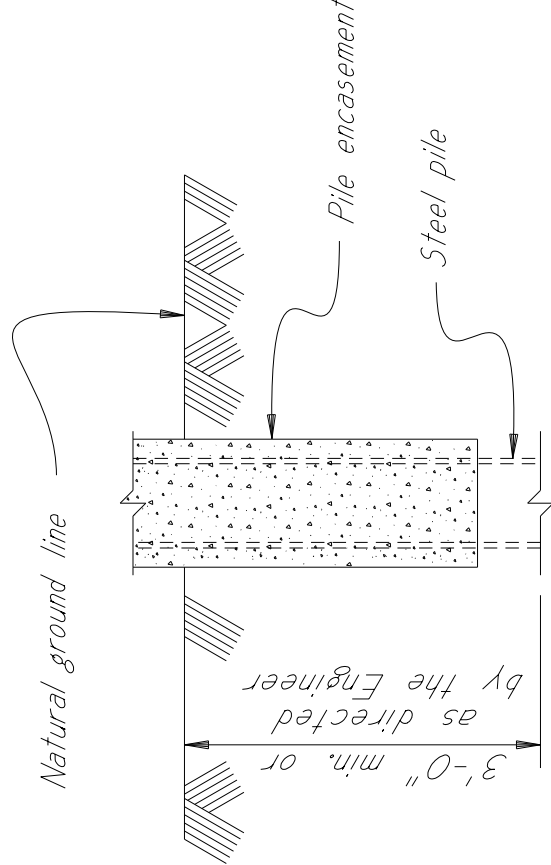


	BY	MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
		DETAILED INDEX (BRIDGE)	
		FMS: 102485 / 301000	WORKING NUMBER DI-BR1
		COUNTY: CLARKE	SHEET NUMBER 8001
		PROJECT NUMBER: BR-0145-00(006)	
		DESIGNER: Josh. Foster	CHECKER: Jack. McMillan
		DETAILER: Josh. Foster	ISSUE DATE: 2021-06-29
		PROJECT LOCATION: STATE ROUTE 145, ROCKY CREEK, SOUTH-WESTERN, MISSISSIPPI	
		PREP. DATE: 09/06/2022, PROJECT NUMBER: 10331, STATE ROUTE NUMBER: 145, SOUTH-WESTERN, P.E.	

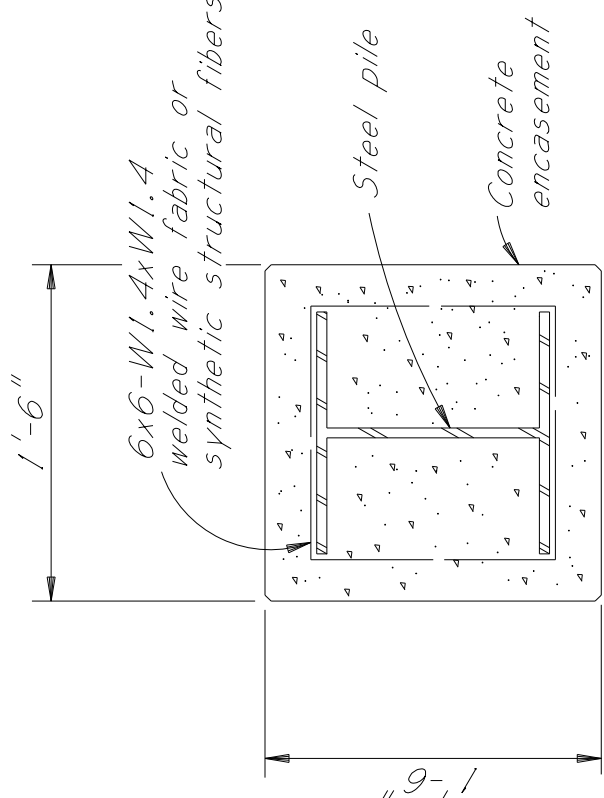
ADDENDUM

GENERAL NOTES:

Specifications: 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. Span Details for limits of transverse grooving on bridge deck.
Bridge concrete shall be class "AA" or Class "BDY" as indicated in plans.
Railing 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.
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.

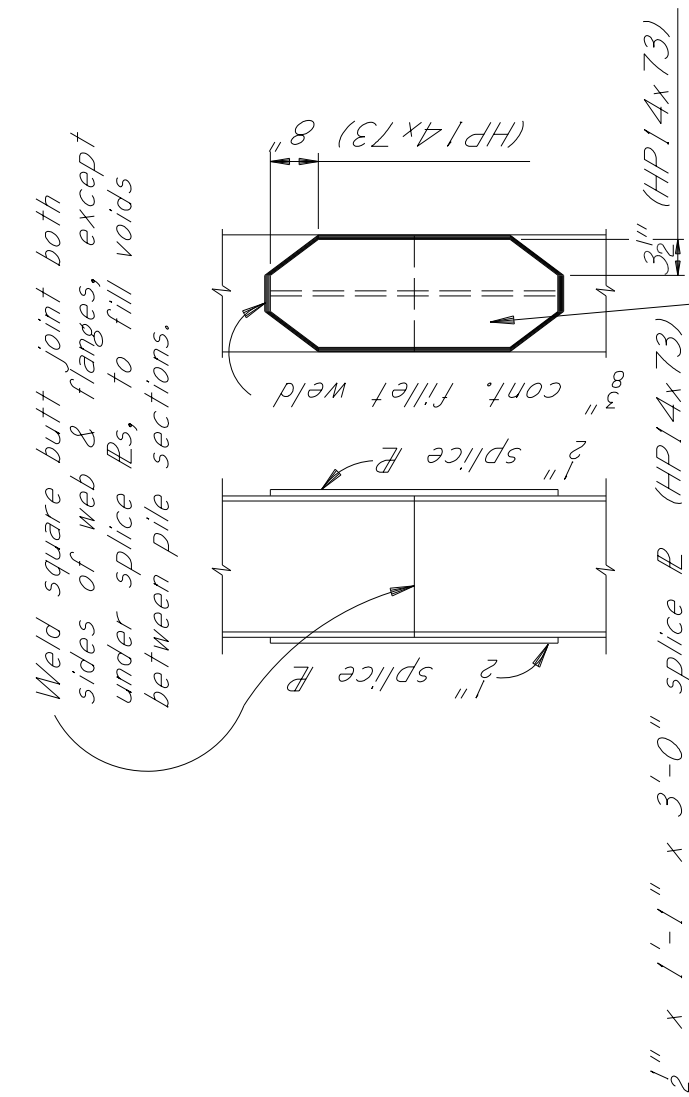


PILE ENCASEMENT DETAIL



NOTE: Concrete for pile encasement shall be class "AA" and will be paid for as bridge concrete.
Class "AA" concrete with #6 aggregate may be used for pile encasement.
Pile encasement shall be reinforced with 6x6-W1.4xW1.4 welded wire fabric weighing 0.21 lbs. per sq. ft. (not a separate pay item) or synthetic structural fiber applied at a dosage rate of 4 lbs. per cubic yd. Synthetic structural fiber shall meet requirements of Special Provision no. 907-711 (not a separate pay item).
Chamfer corners of encasement.

PILE ENCASEMENT DETAIL
HP14x73 steel piles

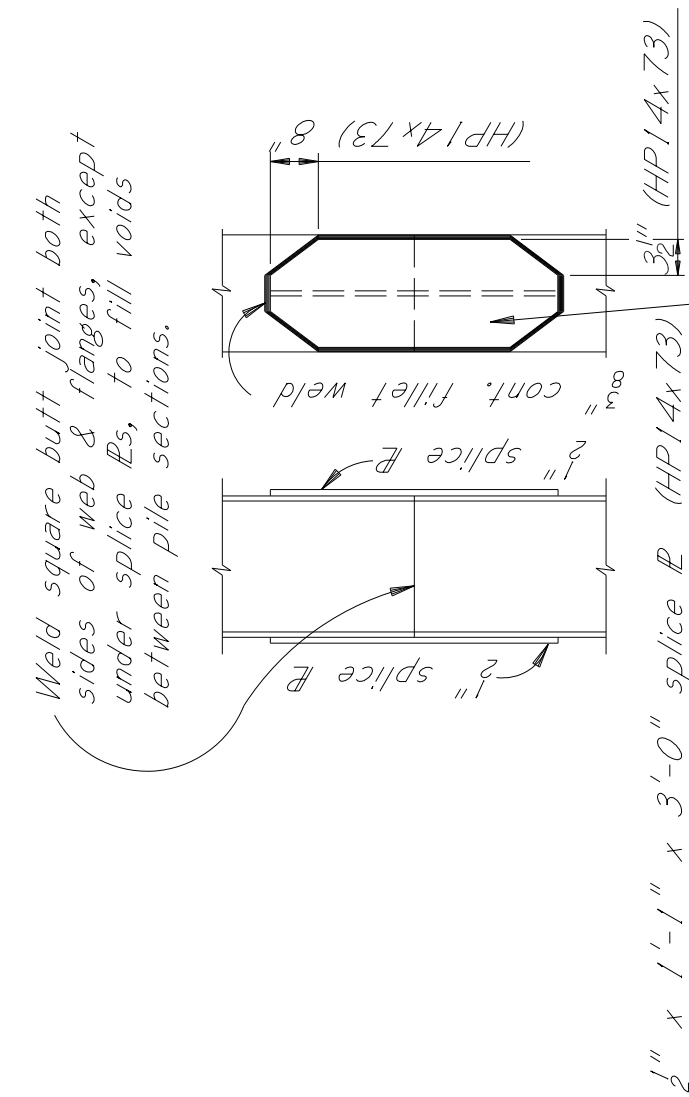


PILE SPLICE DETAIL
HP14x73 steel piles

NOTE: In lieu of splice plates, prefabricated splicers may be used only on production piles. Prefabricated splicers shall be submitted for approval by the Director of Structures, State Bridge Engineer.

NOTES:

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.



PILE SPLICE DETAIL
HP14x73 steel piles

NOTE: In lieu of splice plates, prefabricated splicers may be used only on production piles. Prefabricated splicers shall be submitted for approval by the Director of Structures, State Bridge Engineer.

Bent No.	Pile type	Req'd Bearing (Tons)	Pile Size	Estimated Length (ft.)	Min Tip Elevation	PDA Factor	Controlling Limit State
1	Steel	144	HP 14x73	60	167.2	0.65	Strength I
2	Steel	144	HP 14x73	60	167.2	0.65	Strength I

PDA TEST PILE SCHEDULE			
Bent No.	Min. Lgth.-Ft.	Tip Elevation	
1	70	145.3	

ESTIMATED QUANTITIES

Item	Conventional Static Pile Load Test	HP 14x73 Steel Piling	PDA Test Pile, HP Steel Pile	Pile Restrike	Class BDY Bridge Concrete	Class AA Bridge Concrete	70 Ft. Prest. Conc. Beam F1B-36	Reinforcement	Concrete Railing	Loose Riprap (300#)	Geotextile Under Riprap	Preformed Joint Seal Type I
Location	S.Y.	L.F.	Each	Each	C.Y.	C.Y.	L.F.	L.B.	L.F.	Ton	S.Y.	L.F.
Spans	398.81	1,620	1	1	125.82	67.82	547.49	27,006	224.33	1,692	1,354	73
End Bents	1	1,620	1	1			11,387					
Int. Bents												
Total	398.81	1,620	1	1	125.82	67.82	547.49	38,393	224.33	1,692	1,354	73



STATE	PROJECT NO.
MISS.	BR-0145-00(006)

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.
Prefabricated splices for H-piles are not acceptable for test piles. Welding shall be done by the ELECTRIC ARC process. Welders shall be certified and electrodes shall be approved.
When loading tests are required, the maximum test load shall be one and one half (1½) times the minimum pile bearing capacity.
PDA Test piles shall require a 1 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 LRPD 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.
Steel H-Piles shall be driven with a maximum rated energy not less than 58,000 ft-lbs to the anticipated tip elevations specified unless the Contractor's Drivability Analysis utilizing the Contractor's selected alternative hammer is approved by the Director of Structures, State Bridge Engineer.

ADDITIONAL PILE NOTES:

Order lengths for the permanent piling will be provided by the Director of Structures, State Bridge Engineer upon written request by the Contractor through the Project Engineer.
When feasible, bearing piles shall be driven full length and shall 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 (1½) times the required ultimate pile bearing capacity.



MISSISSIPPI DEPARTMENT OF TRANSPORTATION		BRIDGE AT STA. 533+01.92	
GENERAL NOTES & ESTIMATED QUANTITIES		WORKING NUMBER B1 OF B11	
FMS:102485 / 302000 COUNTY: Clarke PROJECT NUMBER: BR-0145-00(006)		SHEET NUMBER 8017	
DATE	REVISION	DESIGNER	CHECKER
9/6/22	Revised Quantities & Added Pay Item	JACOB H. HOWKINS	ALEX H. HOWKINS
		DETAILER	ISSUE DATE
		DRIVER	2021-10-23
		REVIEWER	2021-10-23
		APPROVED	2021-10-23
		BY	2021-10-23

