

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>3/17/2021</u>	ADDENDUM NO. _____	DATED _____
ADDENDUM NO. <u>2</u>	DATED <u>3/18/2021</u>	ADDENDUM NO. _____	DATED _____
ADDENDUM NO. _____	DATED _____	ADDENDUM NO. _____	DATED _____

Number	Description
1	Revised Notice To Bidders Nos. 3102, 3103, and 3104; Amendment EBSx Download Required.
2	Revised/Added Plan Sheet Nos. 2, 4, 8001, 8002, and 8003; Revised Bid Items; 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.
NHPP-0010-01(169)108043/301000
Jackson County(ies)

Revised 01/26/2016

ADDENDUM

FMS CON: 108043/302000

STATE	PROJECT NO.
MISS.	NHPP-0010-01(169)

WKG. NO. _____ SH. NO. _____
 NO. _____ NO. _____

DESCRIPTION OF SHEET

TITLE SHEET (1)	WKG. NO.	SH. NO.	DESCRIPTION OF SHEET	STANDARD DRAWING SHEETS (7)
TITLE	1	1		PAVEMENT MARKING DETAILS FOR 2-LANE AND 4-LANE DIVIDED ROADWAYS
<u>DETAILED INDEX & GENERAL NOTES (2)</u>				CONCRETE MEDIAN BARRIER (PRECAST) (32")
DETAILED INDEX	DI-1	2		TRAFFIC CONTROL PLAN FOR POSTED SPEED LIMIT OF 65 OR 70 MPH (INTERSTATES AND OTHER 4-LANE DIVIDED HIGHWAYS)(MEDIAN LANE OR OUTSIDE LANE CLOSURE)(EXTENDED PERIOD)
GENERAL NOTES	GN-1	3		TRAFFIC CONTROL PLAN FOR POSTED SPEED LIMIT OF 65 OR 70 MPH (INTERSTATES AND OTHER 4-LANE DIVIDED HIGHWAYS)(MEDIAN LANE OR OUTSIDE LANE CLOSURE)(WORK DAY ONLY)
SEE BRIDGE PLANS FOR BRIDGE DETAILED INDEX				TEMPORARY STRIPING FOR TRAFFIC CONTROL 2-LANE AND 4-LANE DIVIDED HIGHWAYS
<u>QUANTITY SHEETS (3)</u>				LOCATION OF R16-3 SIGNS (SPEEDING FINES DOUBLED)
SUMMARY OF QUANTITIES	SQ-1	4		TRAFFIC CONTROL DETAILS DRUM PLACEMENT AND SHOULDER CLOSURE
ESTIMATED QUANTITIES - SUMMARY OF TRAFFIC CONTROL ITEMS, SUMMARY OF PAVEMENT MARKINGS	EQ-1	5		
ESTIMATED QUANTITIES - ALTERNATIVE 1 - SUMMARY OF TRAFFIC CONTROL SIGNS	TCPQ-1	6		
SEE BRIDGE PLANS FOR BRIDGE ESTIMATED QUANTITIES				
<u>DETAILED CONSTRUCTION SIGNING SHEET (2)</u>				
DETAIL OF CONSTRUCTION SIGNING - ALTERNATIVE 1 - LANE SHIFT AND SHOULDER CLOSURE	DCS-1	7		
DETAIL OF CONSTRUCTION SIGNING - ALTERNATIVE 2 - WORK FROM BARGE	DCS-2	8		
<u>TRAFFIC CONTROL DETAIL SHEETS (1)</u>				
TRAFFIC CONTROL PLAN - ALTERNATIVE 1 - LANE SHIFT AND SHOULDER CLOSURE	TC-1	9		
<u>PAVEMENT MARKING DETAIL SHEETS (1)</u>				
PAVEMENT MARKING DETAIL - ALTERNATIVE 1 - LANE SHIFT AND SHOULDER CLOSURE	PMD-1	10		

TOTAL SHEETS (17)

VOLKERT

PS & E PLANS-DATE 1/8/21		
FMS CON. # 108043/302000		
REVISIONS		
DATE	SHEET NO.	BY
3/17/21	4	VOLKERT

MISSISSIPPI DEPARTMENT OF TRANSPORTATION
DETAILED INDEX

PROJ. NO.: NHP-0010-01(169)
 COUNTY: JACKSON

FILE NAME: _DI.dgn
 DESIGN TEAM: VOLKERT
 CHECKED: _____ DATE: _____

WORKING NUMBER: **DI-1**
 SHEET NUMBER: **2**



STATE	PROJECT NO.
MISS	NHPP-0010-01(169)

① MAINTENANCE OF TRAFFIC TO INCLUDE ALL ITEMS ASSOCIATED WITH TRAFFIC CONTROL ALTERNATIVES AND PAVEMENT MARKING.

SUMMARY OF QUANTITIES (SHEET 1)

PAY ITEM NO.	PAY ITEM	UNIT	JACKSON : 108043-302000	
			Prelim	Final
618-A001	Maintenance of Traffic	LS	1	1
620-A001	Mobilization	LS	1	1
907-804-A002	Bridge Concrete, Class AA	CY	39	
805-C001	Reinforcement, Corrosion Resistant	LBS	5,884	
907-824-PP006	Bridge Repair, Clean Bent Caps	EA	1	1



MISSISSIPPI DEPARTMENT OF TRANSPORTATION SUMMARY OF QUANTITIES Revised Quantity		
PROJ NO: NHPP-0010-01(169) COUNTY: JACKSON FILENAME: I-10 SQS	Working Number SQ-1 Sheet Number 4	Date 3/17/2021 Design Team VOLKERT Checked
Date 03/17/2021 Revised quantity.	Date 3/17/20 Checked	

ADDENDUM

DESCRIPTION OF SHEETS
SPECIAL DESIGN SHEETS ~ BRIDGE DRAWINGS

WORKING
NUMBER

SHEET
NUMBER

DETAILED INDEX (BRIDGE)

DI-BR

8001

BRIDGE AT STA. 920+32.77 LT. & RT. LANES
I-10 ACROSS PASCAGOULA RIVERS

INT. BENT NO. 185R DETAILS
(SHEET 1 OF 2)

BRD-1

8002

INT. BENT NO. 185R DETAILS
(SHEET 2 OF 2)

BRD-2

8003

SPECIAL DESIGN SHEETS-BRIDGE DRAWINGS
INFORMATION

WORKING
NUMBER

SHEET
NUMBER

EXISTING BRIDGE AT STA 920+32.77

I-10-1(36)

8004 & 8005

BRIDGE DIVISION		
REVISIONS		
DATE	SHEET NO.	BY
03/17/2021	8002 & 8003	S.M.S.

STATE	PROJECT NO.
MISS.	NHPP-0010-01(169)



MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
DETAILED INDEX (BRIDGE)	
PROJECT	NHPP-0010-01(169)
JACKSON COUNTY	108043-302000
DESIGNER	S.M.S.
CHECKER	A.C.B.
DATE	12/11/2020
DETAILER	J.B.P.
ISSUE DATE	
WORKING NUMBER	DI-BR
SHEET NUMBER	8001



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.
- Work for which no pay item is provided will not be paid for directly and shall therefore be considered an absorbed item of work.
- All details are based on the dimensions shown on the original plans for the existing structure. The Contractor shall be responsible for adjusting the elements of the new construction to ensure a proper fit with the existing structure.
- Any damage that occurs to the existing structure during the duration of the project shall be repaired to the satisfaction of the Engineer by the Contractor at no additional cost to the State.
- During construction care shall be exercised to ensure that no debris fall into the hydraulic crossing below the structure. The debris that is removed from the bridge shall become the property of the Contractor and shall be removed from the construction site.
- 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.
- Concrete surfaces shall receive a Class 2 rubbed or spray finish in accordance with the specifications.
- Reinforcing steel shall be minimum Grade 60 and shall be corrosion resistant reinforcement.
- The contractor is to determine if all construction activities can be performed from the water. Should access be required from the bridge shoulder, See "MAINTENANCE OF TRAFFIC NOTE".
- Prior to form work operations, the contractor is to pressure wash all existing concrete surfaces that are to be encased in concrete with potable water.
- Prior to pouring the concrete cap, the contractor is to apply a MDO approved epoxy bonding agent that is not moisture sensitive to the concrete piles (not a separate pay item).

MAINTENANCE OF TRAFFIC NOTE:

Maintenance of traffic in accordance with section 618 of the Standard Specifications of Road and Bridge Construction, 2017 Edition, the latest edition of the Manual on Uniform Traffic Control Devices, and the traffic control sheets included in these plans.

INFORMATION PLANS

- Original proj. no. 1-10-1(36).
See sheet nos. 8004 & 8005 of these plans.

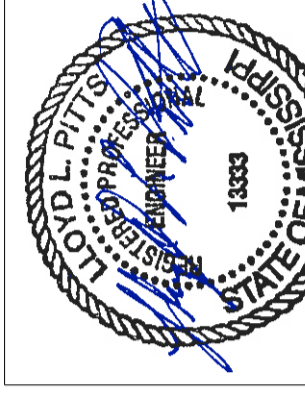
**PAY ITEM 907-824-PP006
BRIDGE REPAIR, CLEAN BENT CAPS (EA)**

Cap cleaning should be performed by removing all large debris by hand. All other debris (dirt and rust) shall be removed by pressure washing the bent caps to the satisfaction of the Project Engineer. The pressure washer shall be able to maintain 3,500 psi. of pressure.

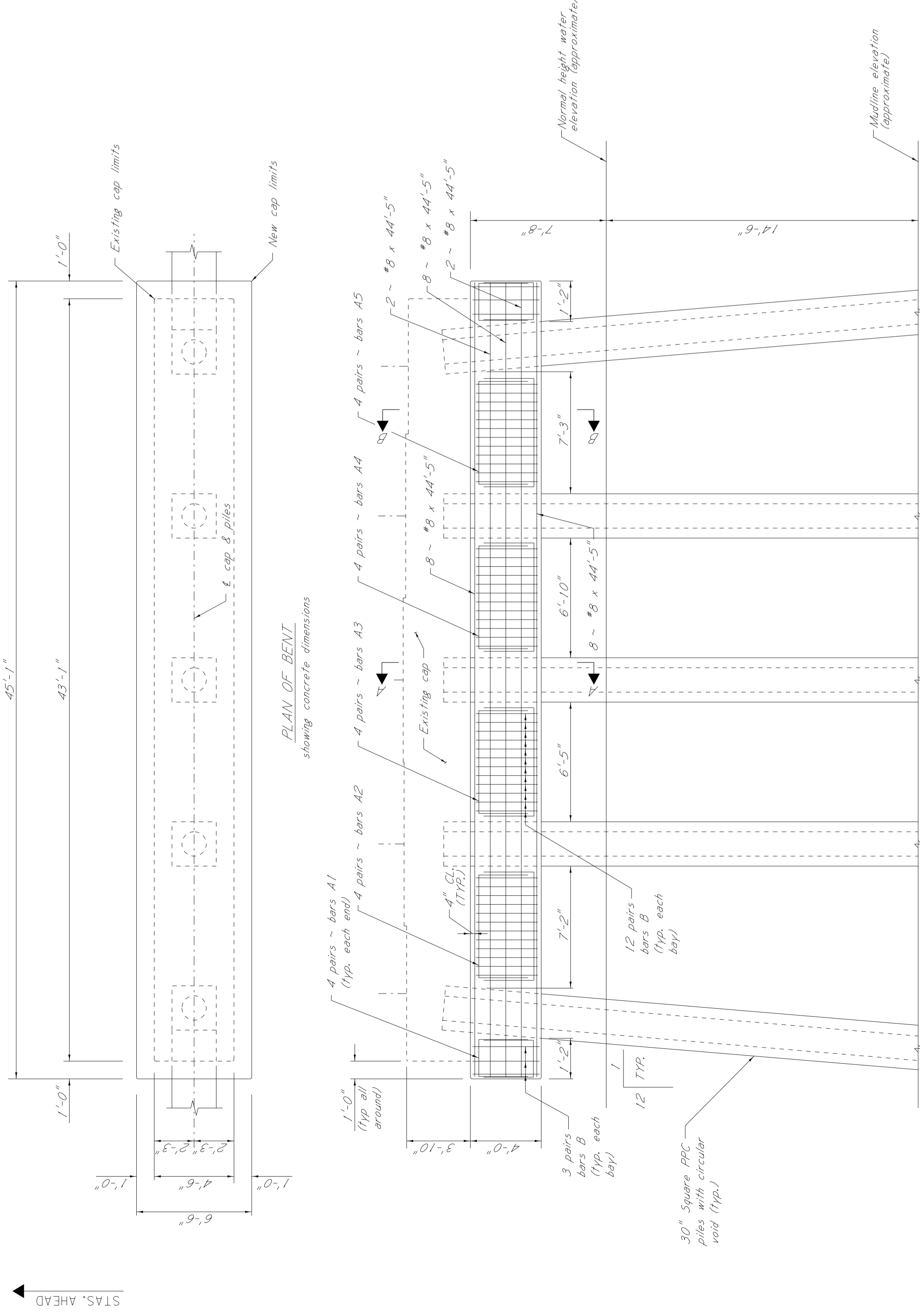
Any damage caused by this item of work shall be repaired by the Contractor at no cost to the State. Payment will be made for each (EA) bent cap being cleaned.



BR	SM	REVISIONS
DATE	ISSUE	CHECKER
DESIGNER	DETAILER	DATE
MISSISSIPPI DEPARTMENT OF TRANSPORTATION BRIDGE AT STA. 920+32.77 LT. & RT. LANES I-10 ACROSS PASCAGOULA RIVERS INT. BENT NO. 185R DETAILS (SHEET 1 OF 2)		
PROJECT NHPP-0010-01(169)		WORKING NUMBER
JACKSON COUNTY		BRD-1
JACKSON COUNTY		SHEET NUMBER
		8002



12/11/2020



ELEVATION

SCOPE OF WORK:

The general, not all inclusive, scope of work shall include the following:
 The Contractor shall provide a reinforced concrete cap extension at Bent No. 185R (EB). The Contractor is responsible for determining means and methods and providing all necessary equipment that may be deemed necessary to construct the reinforced concrete cap extension at Bent No. 185R (EB).

- Clean bent cap.
- Install form work and cap reinforcement.
- Apply MDO approved bonding agent to concrete piles to be encased by new concrete cap addition prior to concrete pour.
- Construct new cap addition.

GENERAL NOTES:

All concrete in cap shall be Class "AA" with additives for exposure to salt water. Chamfer all edges 3" unless otherwise noted. Placing dimensions from reinforcing steel to concrete surfaces are clear distances.

NOTE:

For sections and additional details see sheet no. BRD-2.

ESTIMATED QUANTITIES		
Item	Bridge Concrete Class "AA"	Bridge Repair, Corrosion Resistant Clean Bent Caps (EA)
Location	C.Y.	Lbs.
Int. Bents	39	5,884
Totals	39	5,884

ADDENDUM

STATE	PROJECT NO.
MISS.	NHPP-0010-01(169)

- 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.
 - Work for which no pay item is provided will not be paid for directly and shall therefore be considered an absorbed item of work.
 - All details are based on the dimensions shown on the original plans for the existing structure. The Contractor shall be responsible for adjusting the elements of the new construction to ensure a proper fit with the existing structure.
 - Any damage that occurs to the existing structure during the duration of the project shall be repaired to the satisfaction of the Engineer by the Contractor at no additional cost to the State.
 - During construction care shall be exercised to ensure that no debris fall into the hydraulic crossing below the structure. The debris that is removed from the bridge shall become the property of the Contractor and shall be removed from the construction site.
 - Bar bending details shall be in accordance with "Manual of Standard Practice for Detailing Reinforced Concrete Structures", (ACI 318R-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.
 - Concrete surfaces shall receive a Class 2 rubbed or spray finish in accordance with the specifications.
 - Reinforcing steel shall be minimum Grade 60 and shall be corrosion resistant reinforcement.
 - The contractor is to determine if all construction activities can be performed from the water. Should access be required from the bridge shoulder, See "MAINTENANCE OF TRAFFIC NOTE."
 - Prior to form work operations, the contractor is to pressure wash all existing concrete surfaces that are to be encased in concrete with portable water.
 - Prior to pouring the concrete cap, the contractor is to apply a MDO approved epoxy bonding agent that is not moisture sensitive to the concrete piles. (not a separate pay item).

MAINTENANCE OF TRAFFIC NOTE:

Maintenance of Traffic in accordance with section 618 of the Standard Specifications of Road and Bridge Construction, 2017 Edition, the latest edition of the Manual on Uniform Traffic Control Devices, and the traffic control sheets included in these plans.

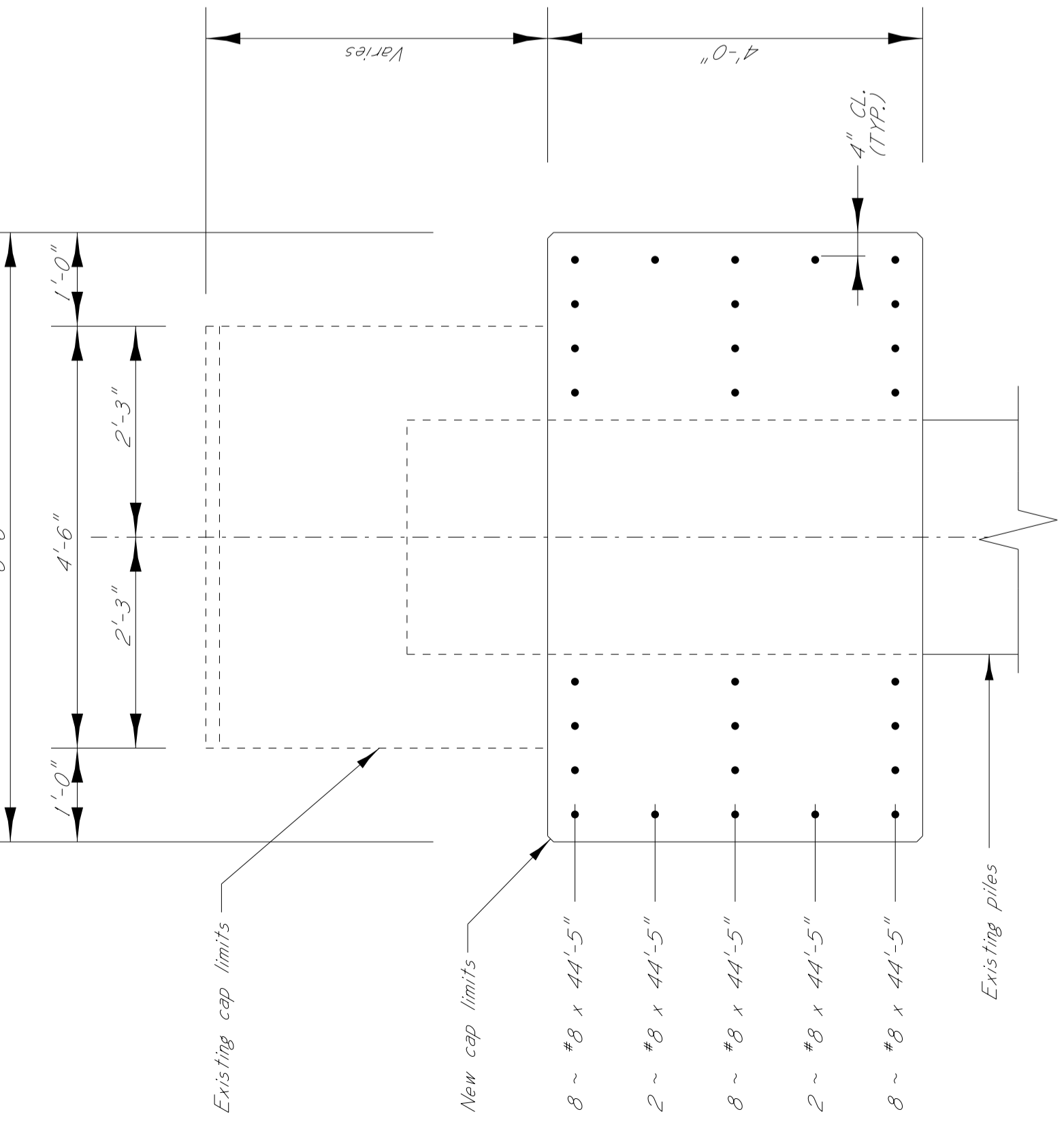
INFORMATION PLANS

- Original proj. no. 1-10-1(36)
- See sheet nos. 8004 & 8005 of these plans.

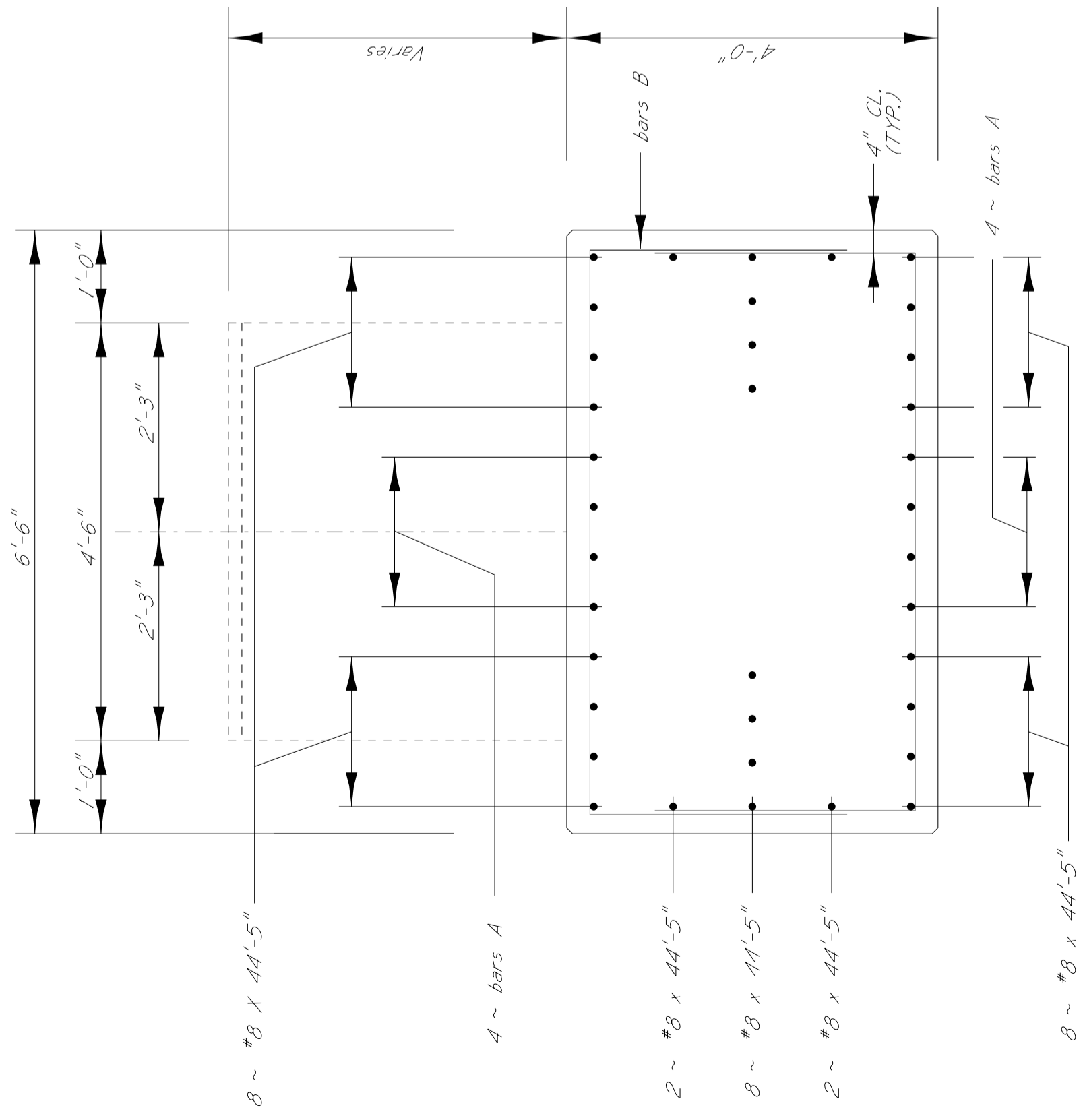
PAY ITEM 907-824-PP006 BRIDGE REPAIR, CLEAN BENT CAPS (EA)

Cap cleaning should be performed by removing all large debris by hand. All other debris (dirt and rust) shall be removed by pressure washing the bent caps to the satisfaction of the Project Engineer. The pressure washer shall be able to maintain 3,500 psi. of pressure.

Any damage caused by this item of work shall be repaired by the Contractor at no cost to the State. Payment will be made for each (EA) bent cap being cleaned.



SECTION A-A



SECTION B-B



ELEVATION VIEW (looking with stations)

Bent 185R in plans is same bent as 188R as labeled in field



ELEVATION VIEW (looking with station)

fiber optic on south fascia

Protect fiber optic cable



SCOPE OF WORK:

The general, not all inclusive, scope of work shall include the following:

The Contractor shall provide a reinforced concrete cap extension at Bent No. 185R (EB). The Contractor is responsible for determining means and methods and providing all necessary equipment that may be deemed necessary to construct the reinforced concrete cap extension at Bent No. 185R (EB).

- * Clean bent cap
- * Install form work and cap reinforcement.
- * Apply MDO approved bonding agent to concrete piles to be encapsulated by new concrete cap abtition prior to concrete pour.
- * Construct new cap addition.

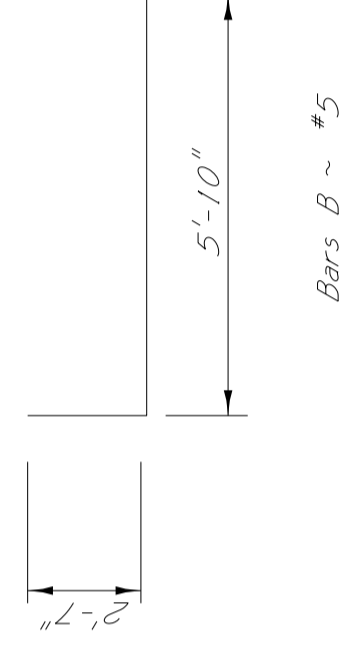
END VIEW

GENERAL NOTES:

All concrete in cap shall be Class "A4" with additives for exposure to salt water. Chamfer all edges 4" unless otherwise noted. Placing dimensions from reinforcing steel to concrete surfaces are clear distances.

NOTE:

For plan and elevation views, see sheet no. BRD-1.



Bars A ~ #8

Bars B ~ #5

BAR BENDING DIAGRAM



SM5	REVISIONS	DATE
BR	Revised Note	03/17/2020

MISSISSIPPI DEPARTMENT OF TRANSPORTATION
BRIDGE AT STA. 920+32.77 LT. & RT. LANES
I-10 ACROSS PASCAGOULA RIVERS
INT. BENT NO. 185R DETAILS
(SHEET 2 OF 2)

PROJECT NHPP-0010-01(169)
108043-302000

JACKSON COUNTY

WORKING NUMBER **BRD-2**
SHEET NUMBER **8003**

DESIGNER: S.M.S.
CHECKER: A.C.B.
ISSUE DATE: _____
DETAILER: J.P.C.
DIRECTOR OF STRUCTURES, STATE BRIDGE ENGINEER - JUSTIN WALKER, PE.
DEP. DIRECTOR OF STRUCTURES, ASSIST. STATE BRIDGE ENGINEER - SCOTT WESTERFIELD, PE.



12/11/2020

Bridge Repair on I-10 over the Pascagoula River (Bridge No. 65.4B), known as Federal Aid Project No. NHPP-0010-01(169) / 108043302 in Jackson County.

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
Roadway Items					
0010	618-A001		1	Lump Sum	Maintenance of Traffic
0020	620-A001		1	Lump Sum	Mobilization
Bridge Items					
0030	805-C001	(S)	5,884	Pounds	Reinforcement, Corrosion Resistant
0040	907-804-A002	(S)	39	Cubic Yard	Bridge Concrete, Class AA
0050	907-824-PP006		1	Each	Bridge Repair, Clean Bent Caps