

**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>  8/19/2019  </u>	ADDENDUM NO. <u>      </u>	DATED <u>      </u>
ADDENDUM NO. <u>      </u>	DATED <u>      </u>	ADDENDUM NO. <u>      </u>	DATED <u>      </u>
ADDENDUM NO. <u>      </u>	DATED <u>      </u>	ADDENDUM NO. <u>      </u>	DATED <u>      </u>

Number	Description
1	Revised Bid Items; Revised or Added Plan Sheets Nos. 2, 6, 7, 14, 8001, 8002 & 8014; 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
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_____ Secretary	_____ Address
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_____ Treasurer	_____ Address
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The following is my (our) itemized proposal.

BR-9999-02(264)/ 107019302100

Yalobusha County(ies)

Revised 01/26/2016

Bridge Endwall Repairs on SR 7, Bridge Nos. 100.4A, 100.4B, 100.6A, 100.6B, 100.7A and 100.7B, known as Federal Aid Project No. BR-9999-02(264) / 107019302 in Yalobusha County.

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
<b>Roadway Items</b>					
0010	202-B006		926	Square Yard	Removal of Asphalt Paved Shoulders, All Depths
0020	202-B029		1,078	Square Yard	Removal of Bridge End Pavement
0030	202-B073		110	Square Yard	Removal of Concrete Pavement, All Depths
0040	202-B150		2,400	Linear Feet	Removal of Guard Rail Including Post, Blockouts & Hardware
0050	202-B240		18,960	Linear Feet	Removal of Traffic Stripe
0060	203-G001	(E)	1,000	Cubic Yard	Excess Excavation, FM, AH
0070	209-A005		10,766	Square Yard	Geotextile Stabilization, Type V, Non-Woven
0080	213-C001		2	Ton	Superphosphate
0090	216-A001		150	Square Yard	Solid Sodding
0100	219-A001		3	Thousand Gallon	Watering [\$20.00]
0110	220-A001		4	Acre	Insect Pest Control [\$30.00]
0120	221-A001	(S)	9	Cubic Yard	Concrete Paved Ditch
0130	225-A001		2	Acre	Grassing
0140	225-C001		4	Ton	Mulch, Vegetative Mulch
0150	226-A001		2	Acre	Temporary Grassing
0160	234-A001		625	Linear Feet	Temporary Silt Fence
0170	237-A002		500	Linear Feet	Wattles, 20"
0180	304-B002	(GT)	500	Ton	Granular Material, Class 3, Group D
0190	403-A003	(BA1)	750	Ton	12.5-mm, ST, Asphalt Pavement
0200	403-A006	(BA1)	900	Ton	19-mm, ST, Asphalt Pavement
0210	407-A001	(A2)	975	Gallon	Asphalt for Tack Coat
0220	501-D001		128	Linear Feet	Expansion Joints, With Dowels
0230	501-K001		1,041	Square Yard	Transverse Grooving
0240	502-A001	(C)	1,078	Square Yard	Reinforced Cement Concrete Bridge End Pavement
0250	503-A003	(C)	110	Square Yard	9" and Variable Reinforced Concrete Pavement, Broom Finish
0260	503-C010		128	Linear Feet	Saw Cut, Full Depth
0270	606-B001		1,650	Linear Feet	Guard Rail, Class A, Type 1
0280	606-D001		12	Each	Guard Rail, Bridge End Section
0290	606-E005		12	Each	Guard Rail, Terminal End Section, Flared
0300	612-A001		900	Cubic Yard	Flowable Fill, Excavatable
0310	615-A001	(S)	240	Linear Feet	Concrete Bridge End Barrier, 32"
0320	618-A001		1	Lump Sum	Maintenance of Traffic

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
0330	619-A1001		2	Mile	Temporary Traffic Stripe, Continuous White
0340	619-A1006		2	Mile	Temporary Traffic Stripe, Continuous White, Type 1 Tape
0350	619-A2001		2	Mile	Temporary Traffic Stripe, Continuous Yellow
0360	619-D1001		32	Square Feet	Standard Roadside Construction Signs, Less than 10 Square Feet
0370	619-D2001		352	Square Feet	Standard Roadside Construction Signs, 10 Square Feet or More
0380	619-F1001		4,260	Linear Feet	Concrete Median Barrier, Precast
0390	619-F2001		4,200	Linear Feet	Remove and Reset Concrete Median Barrier, Precast
0400	619-G4005		48	Linear Feet	Barricades, Type III, Single Faced
0410	620-A001		1	Lump Sum	Mobilization
0420	626-A001		2	Mile	6" Thermoplastic Double Drop Traffic Stripe, Skip White
0430	626-B002		2	Mile	6" Thermoplastic Double Drop Traffic Stripe, Continuous White
0440	626-E001		2	Mile	6" Thermoplastic Double Drop Traffic Stripe, Continuous Yellow
0450	627-C001		46	Each	Red-Clear Reflective Raised Markers
0460	630-F006		42	Each	Delineators, Guard Rail, White
0470	630-F007		42	Each	Delineators, Guard Rail, Yellow
0480	630-G003		6	Each	Type 3 Object Markers, OM-3L, Post Mounted
0490	630-G007		6	Each	Type 3 Object Markers, OM-3R, Post Mounted
0500	699-A001		1	Lump Sum	Roadway Construction Stakes
0510	907-420-A002		19,500	Pounds	Undersealing Concrete Pavement
0520	907-619-E3001		2	Each	Changeable Message Sign
<b>ALTERNATE GROUP AA NUMBER 1</b>					
0530	304-F001	(GT)	4,900	Ton	3/4" and Down Crushed Stone Base
<b>ALTERNATE GROUP AA NUMBER 2</b>					
0540	304-F002	(GT)	4,900	Ton	Size 610 Crushed Stone Base
<b>ALTERNATE GROUP AA NUMBER 3</b>					
0550	304-F003	(GT)	4,900	Ton	Size 825B Crushed Stone Base
<b>Bridge Items</b>					
0560	503-C001		1,523	Linear Feet	Saw Cut, 1-inch
0561	802-A001	(S)	7,020	Square Feet	Permanent Steel Sheet Piling
0570	805-A001	(S)	3,720	Pounds	Reinforcement
0580	813-A002	(S)	520	Linear Feet	Concrete Railing, 32"
0590	907-420-A001		10,000	Pounds	Undersealing
0600	907-808-A002	(S)	770	Linear Feet	Joint Repair Without Epoxy
0610	907-823-A001		290	Linear Feet	Preformed Joint Seal, Type I

<b>Line No.</b>	<b>Item Code</b>	<b>Adj Code</b>	<b>Quantity</b>	<b>Units</b>	<b>Description [Fixed Unit Price]</b>
0620	907-823-A002		480	Linear Feet	Preformed Joint Seal, Type II
0630	907-823-B001		580	Linear Feet	Saw Cut, Type I
0640	907-823-B002		960	Linear Feet	Saw Cut, Type II
0650	907-824-PP003		8,217	Square Feet	Bridge Repair, Class 2, Spray Finish, Per Plans
0660	907-824-PP003		1	Square Feet	Bridge Repair, Epoxy Repair, Per Plans
0670	907-824-PP006		60	Each	Bridge Repair, Bearing Replacement
0680	907-824-PP006		30	Each	Bridge Repair, Cleaning of Bent Caps, Per Plans
0690	907-824-PP008		520	Linear Feet	Bridge Repair, Removal of Bridge Railing
0700	907-824-PP008		770	Linear Feet	Bridge Repair, Removal of End Bent Endwall, Per Plans
0710	907-824-PP008		770	Linear Feet	Bridge Repair, Replace End Bent Endwall, Per Plans





**ADDENDUM**

STATE	PROJECT NO.
MISS	BR-9999-02(264)

**SUMMARY OF QUANTITIES (SHEET 1)**

PAY ITEM NO.	PAY ITEM	UNIT	YALOBUSHA : 107019-302100	
			Prelim	Final
202-B006	Removal of Asphalt Paved Shoulders, All Depths	SY	926	
202-B029	Removal of Bridge End Pavement	SY	1,078	
202-B073	Removal of Concrete Pavement, All Depths	SY	110	
202-B150	Removal of Guard Rail Including Post, Blockouts & Hardware	LF	2,400	
202-B240	Removal of Traffic Stripe	LF	18,960	
203-G001	Excess Excavation, FM, AH	CY	1,000	
209-A005	Geotextile Stabilization, Type V, Non-Woven	SY	10,766	
213-C001	Superphosphate	TON	2	
216-A001	Solid Sodding	SY	150	
219-A001	Watering	KGAL	3	
220-A001	Insect Pest Control	ACRE	4	
221-A001	Concrete Paved Ditch	CY	9	
225-A001	Grassing	ACRE	2	
225-C001	Mulch, Vegetative Mulch	TON	4	
226-A001	Temporary Grassing	ACRE	2	
234-A001	Temporary Silt Fence	LF	625	
237-A002	Wattles, 20"	LF	500	
304-B002	Granular Material, Class 3, Group D	TON	500	
304-F001	3/4" and Down Crushed Stone Base	TON	4,900	
	OR			
304-F002	Size 610 Crushed Stone Base	TON	4,900	
	OR			
304-F003	Size 825B Crushed Stone Base	TON	4,900	
403-A003	12.5-mm, ST, Asphalt Pavement	TON	750	
403-A006	19-mm, ST, Asphalt Pavement	TON	900	
407-A001	Asphalt for Tack Coat	GAL	975	
907-420-A002	Undersealing Concrete Pavement	LBS	19,500	
501-D001	Expansion Joints, With Dowels	LF	128	
501-K001	Transverse Grooving	SY	1,041	
502-A001	Reinforced Cement Concrete Bridge End Pavement	SY	1,078	
503-A003	9" and Variable Reinforced Concrete Pavement, Broom Finish	SY	110	
503-C010	Saw Cut, Full Depth	LF	128	
606-B001	Guard Rail, Class A, Type 1	LF	1,650	
606-D001	Guard Rail, Bridge End Section	EA	12	
606-E005	Guard Rail, Terminal End Section, Flared	EA	12	
612-A001	Flowable Fill, Excavatable	CY	900	
615-A001	Concrete Bridge End Barrier, 32"	LF	240	
618-A001	Maintenance of Traffic	LS	1	
619-A1001	Temporary Traffic Stripe, Continuous White	MI	2	
619-A1006	Temporary Traffic Stripe, Continuous White, Type 1 Tape	MI	2	
619-A2001	Temporary Traffic Stripe, Continuous Yellow	MI	2	
619-D1001	Standard Roadside Construction Signs, Less than 10 Square Feet	SF	32	
619-D2001	Standard Roadside Construction Signs, 10 Square Feet or More	SF	352	
907-619-E3001	Changeable Message Sign	EA	2	


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- ① STRIPE TO BE REMOVED USING AN APPROVED NON-DESTRUCTIVE METHOD.
- ② BRIDGE END PAVEMENT TO BE TINED FINISHED
- ③ ESTIMATED QUANTITY. ACTUAL QUANTITY USED TO BE DIRECTED BY THE ENGINEER.
- ④ LOCATION TO BE DETERMINED BY THE ENGINEER.
- ⑤ REMOVAL GUARDRAIL PADS
- ⑥ FOR EDGE DRAIN OUTLETS
- ⑦ EXISTING DOWELS BETWEEN THE BRIDGE END AND ROADWAY PAVEMENT ARE TO BE PROTECTED DURING REMOVAL OF BRIDGE END PAVEMENT. ANY DOWELS DAMAGED DURING THE REMOVAL OPERATION WILL BE REPLACED AT NO COST TO THE DEPARTMENT,




	
<b>MISSISSIPPI DEPARTMENT OF TRANSPORTATION</b> <b>SUMMARY OF QUANTITIES</b>	
Working Number <b>SQ-1</b>	Sheet Number <b>6</b>
PROJ NO: BR-9999-02(264) COUNTY: YALOBUSHA	
FILENAME: SQ-1 Design Team BROWN Checked	
Date 8-16-19	

ADDED PAY ITEM.	Revision
07/23/2019	by RMA

STATE	MISS
PROJECT NO.	BR-9999-02(264)

PAY ITEM NO.	PAY ITEM	UNIT	
		Prelim	Final
619-F1001	Concrete Median Barrier, Precast	4,260	
619-F2001	Remove and Reset Concrete Median Barrier, Precast	4,200	
619-G4005	Barricades, Type III, Single Faced	48	
620-A001	Mobilization	1	
626-A001	6" Thermoplastic Double Drop Traffic Stripe, Skip White	2	
626-B002	6" Thermoplastic Double Drop Traffic Stripe, Continuous White	2	
626-E001	6" Thermoplastic Double Drop Traffic Stripe, Continuous Yellow	2	
627-C001	Red-Clear Reflective Raised Markers	46	
630-F006	Delineators, Guard Rail, White	42	
630-F007	Delineators, Guard Rail, Yellow	42	
630-G003	Type 3 Object Markers, OM-3L, Post Mounted	6	
630-G007	Type 3 Object Markers, OM-3R, Post Mounted	6	
699-A001	Roadway Construction Stakes	1	

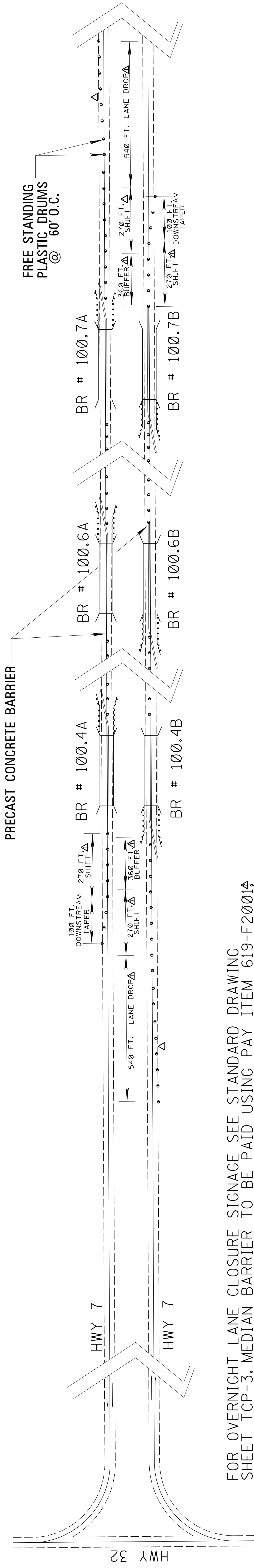
**SUMMARY OF QUANTITIES (SHEET 2)**

	
<b>MISSISSIPPI DEPARTMENT OF TRANSPORTATION</b> <b>SUMMARY OF QUANTITIES</b>	
PROJ NO: BR-9999-02(264) COUNTY: YALOBUSHA	
FILENAME: SQ-1	
Date 08/16/2019	Design Team BROWN
Revision RWA	Checked BROWN
Working Number SQ-2	Date 8-16-19 7
Sheet Number SQ-2	Sheet Number 7

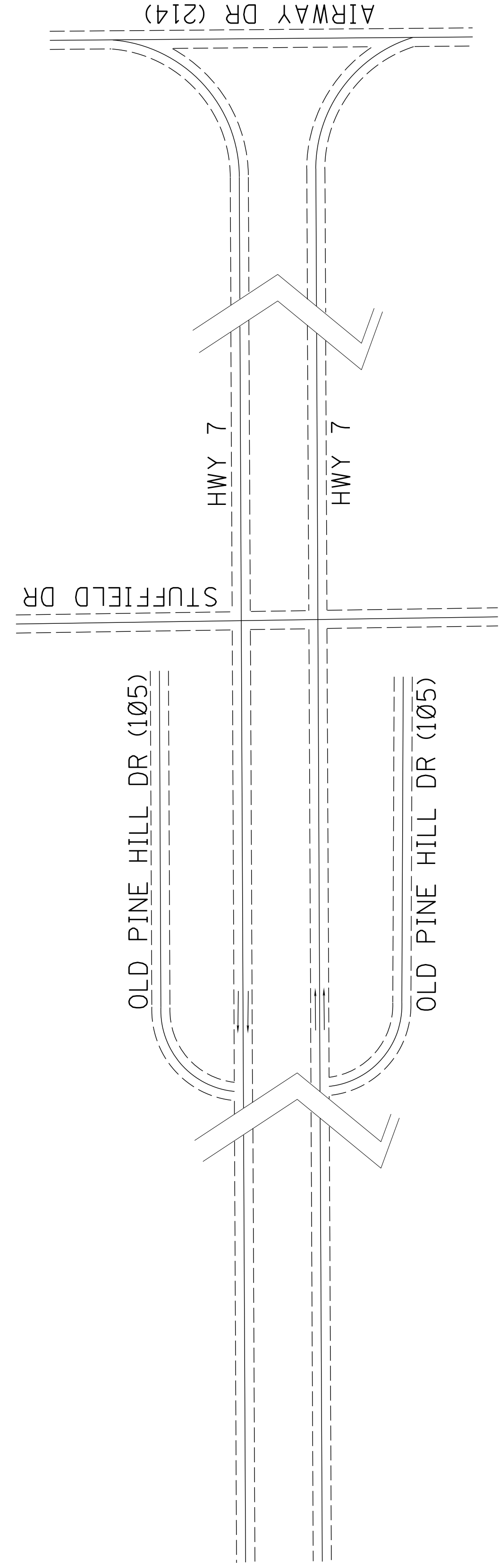
**ADDENDUM**

PHASE III

PHASE III WILL CONSIST OF INSIDE SHOULDER PAVEMENT WIDENING TO ACCOMMODATE PERMANENT GUARDRAIL, AS SHOWN ON SHEETS GR-4 AND TS-2, AND ALL CONSTRUCTION ACTIVITIES SHOWN IN PHASE II OF THE BRIDGE PLANS AS SHOWN ON SHEET NUMBERS 8008 AND 8012.



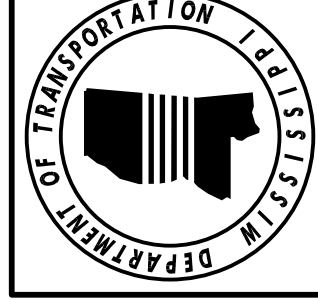
FOR OVERNIGHT LANE CLOSURE SIGNAGE SEE STANDARD DRAWING SHEET TCP-3. MEDIAN BARRIER TO BE PAID USING PAY ITEM 619-F2001A REMOVE AND RESET CONCRETE MEDIAN BARRIER, PRECAST. PLASTIC DRUMS TO BE PAID UNDER PAY ITEM 618-A001. MAINTENANCE OF TRAFFIC. FOR ALL ADDITIONAL NECESSARY TRAFFIC CONTROL DEVICES AND SIGNS SEE STANDARD DRAWING TCP-3.



NOT TO SCALE

**PHASE III**

MISSISSIPPI DEPARTMENT OF TRANSPORTATION	WORKING NUMBER
TRAFFIC CONTROL PLAN	TC-3
HWY 7	SHEET NUMBER
PHASE III	14
PROJ. NO.: BR-9999-02(264)	FILENAME: ttrafficcontrol.dgn
COUNTY: YALOBUSHA	DESIGN TEAM: BROWN
	CHECKED: [ ]
	DATE: 7/19/18



MISSISSIPPI DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN

HWY 7

PHASE III

PROJ. NO.: BR-9999-02(264)

COUNTY: YALOBUSHA

FILENAME: ttrafficcontrol.dgn

DESIGN TEAM: BROWN

CHECKED: [ ]

DATE: 7/19/18

WORKING NUMBER

TC-3

SHEET NUMBER

14



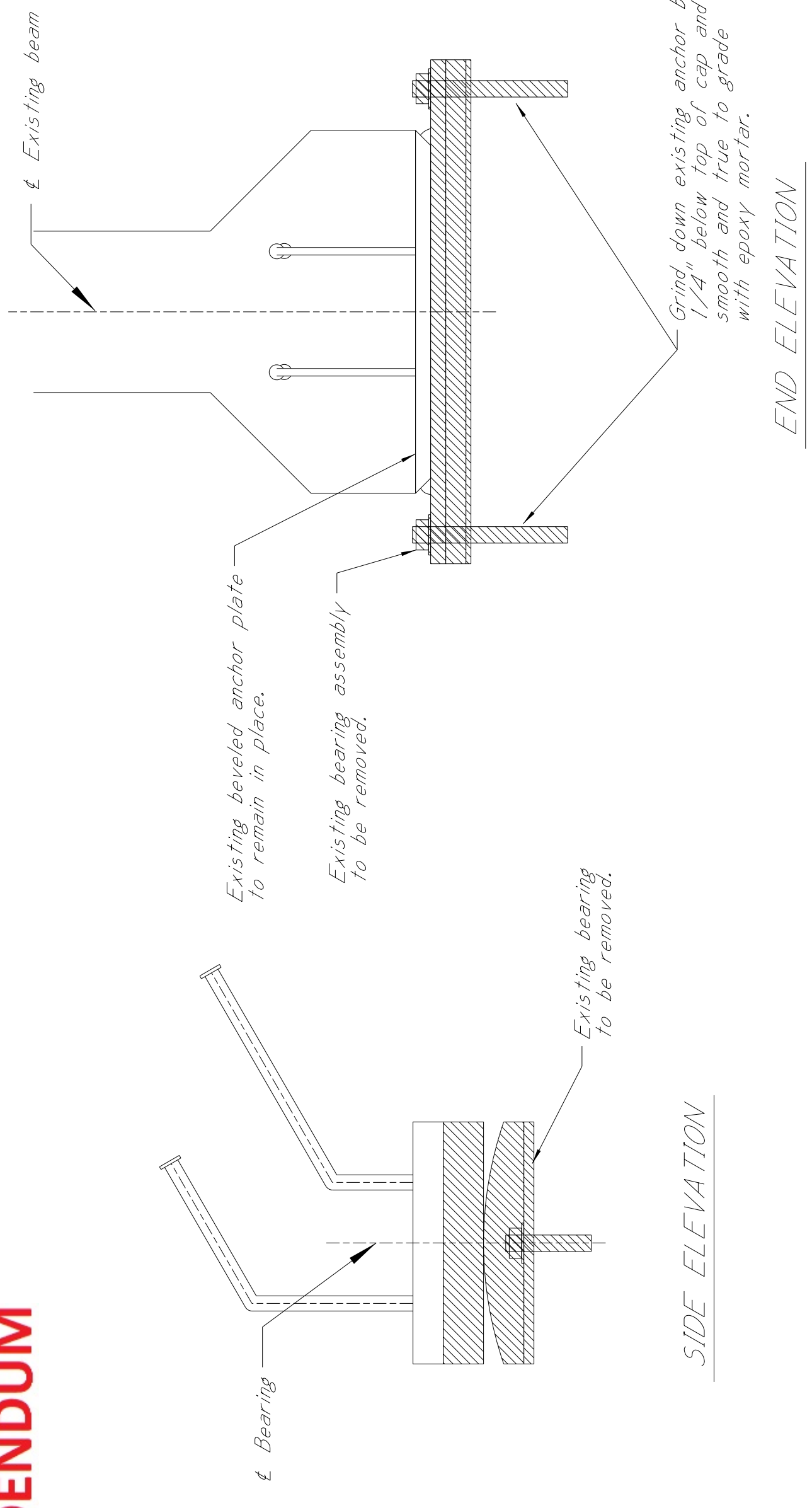




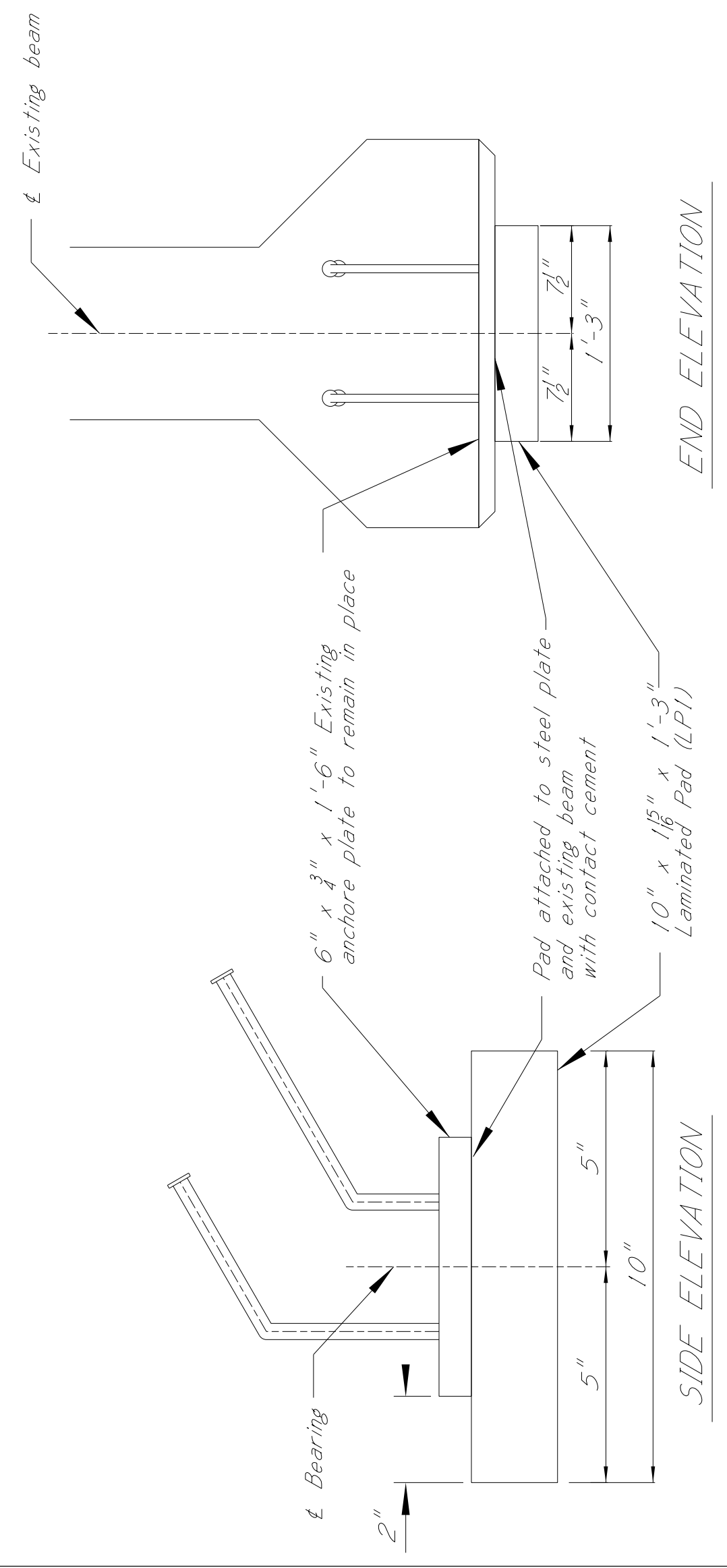




# ADDENDUM



EXISTING BEARING



REPLACEMENT BEARING FOR BRIDGES AT STA 678+39.21 & STA 693+59.21

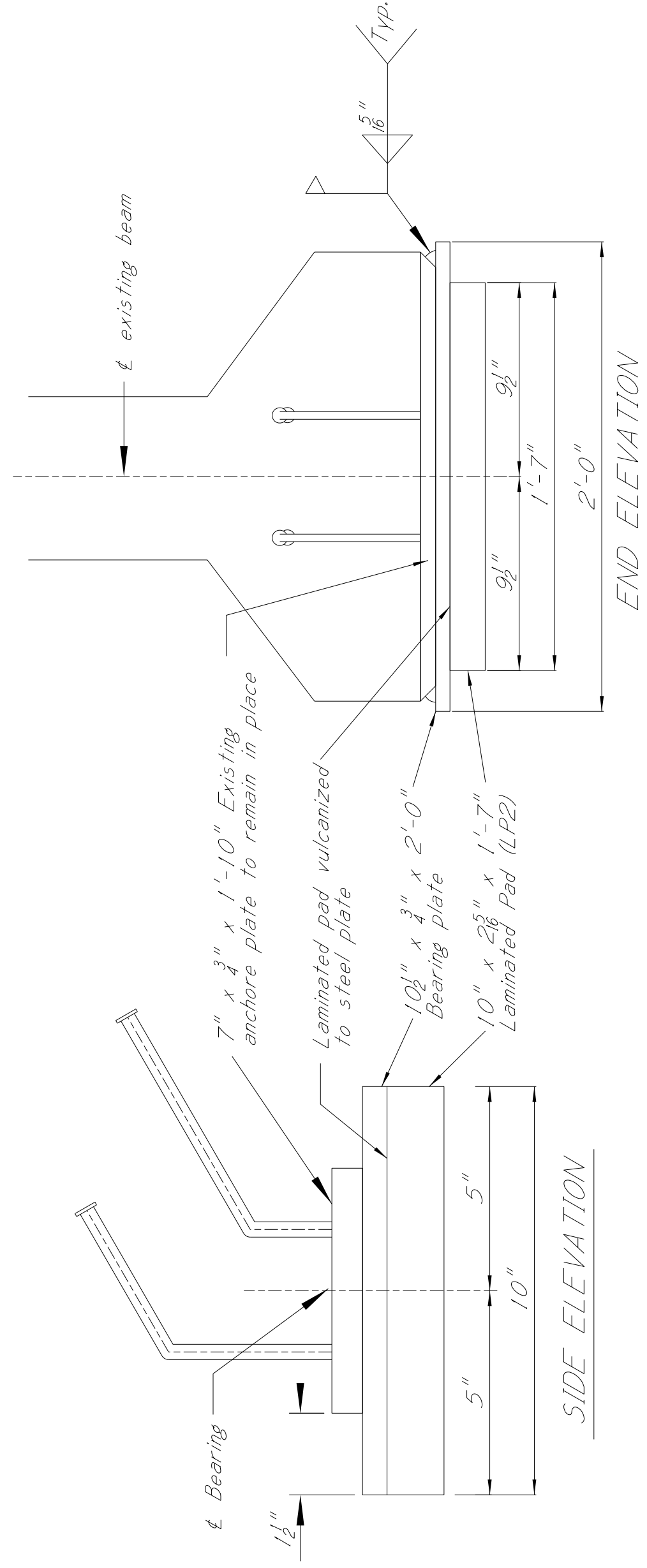
- NOTES:
- Bearing plates shall be painted in accordance with section 814 of the Standard Specifications after the new laminated pads are vulcanized to the bearing plates.
  - Removal of existing bearing, vertical jacking, laminated pads, painting, and bearing plates shall be paid for under Item 90.17-624-PP006, Bridge Repair, Bearing Replacement.
- STRUCTURAL STEEL NOTES:
- Prior to fabrication of the bearing pads and sole plates, all dimensions of the existing structure and clearances shall be field verified by the Contractor and submitted to Director of Structures, State Bridge Engineer for review prior to construction. The Contractor shall be responsible for adjusting the elements of the new construction to ensure proper fit with existing structure. All steel plates, shall conform to A.S.T.M. designation A709, grade 50. Bearing areas shall be finished smooth and true to grade. Prior to construction, certification for all welders and a procedure for storage and handling of welding electrodes to be used on this project shall be submitted to the Director of Structures, State Bridge Engineer through the Project Engineer for approval. All welding shall be done by the electric arc process and shall conform to the ANSI/AASHTO/AWS D1.5 welding code, the latest edition of the AASHTO Guide Specifications for Highway Bridge Fabrication with high performance steel, when applicable, and as directed herein.

LAMINATED PAD DIMENSIONS			
Mark	Thick.	Compressed Thickness	Count
LP1	1 1/8"	1 7/8"	40
LP2	2 1/8"	2 1/2"	20

CONTACT CEMENT NOTES:  
Laminated pads shall be attached to existing beams and embedded anchor plates using a contact bonding cement or adhesive. Product shall be selected from list below:

- Weldwood Original Contact Cement" shall be manufactured by DAP Products, 2400 Boston Street, Suite 200, Baltimore, MD 21224, Telephone No. (410) 675-2100
- Neoprene High Performance Contact Adhesive, 1357" shall be manufactured by 3M, 3M Center, Building 225-35-06, St. Paul, MN 55144, Telephone No. (800) 362-3550
- Loctite Power Grab Ultimate Construction Adhesive" shall be manufactured by Henkel Corporation, 26235 First Street, Westlake, Ohio, 44145, Telephone No. (800) 624-7767.

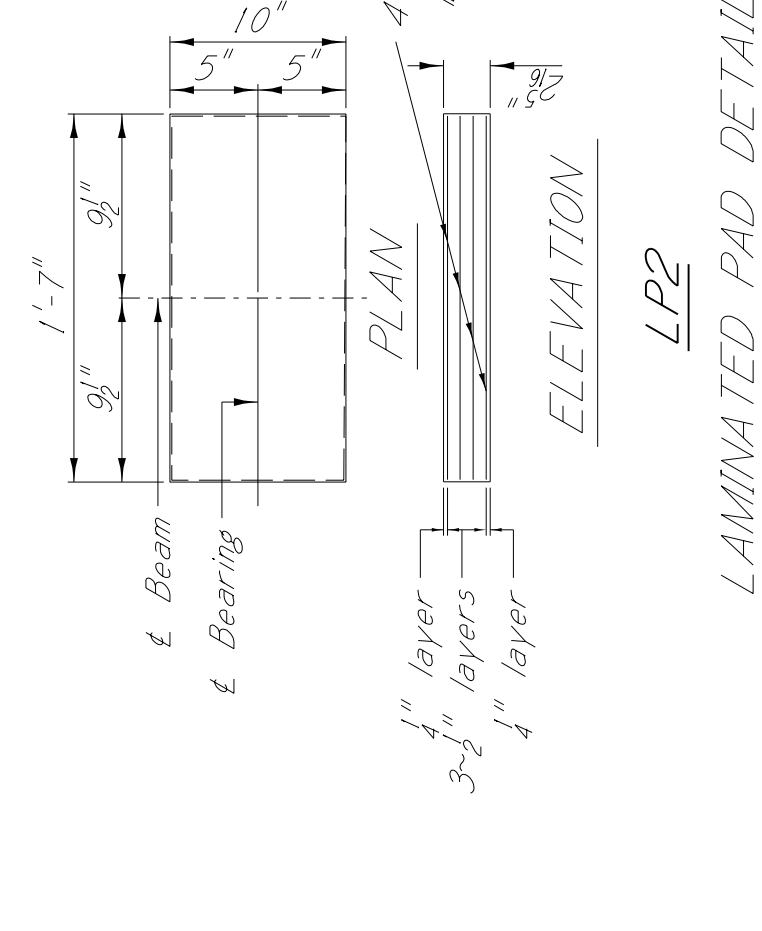
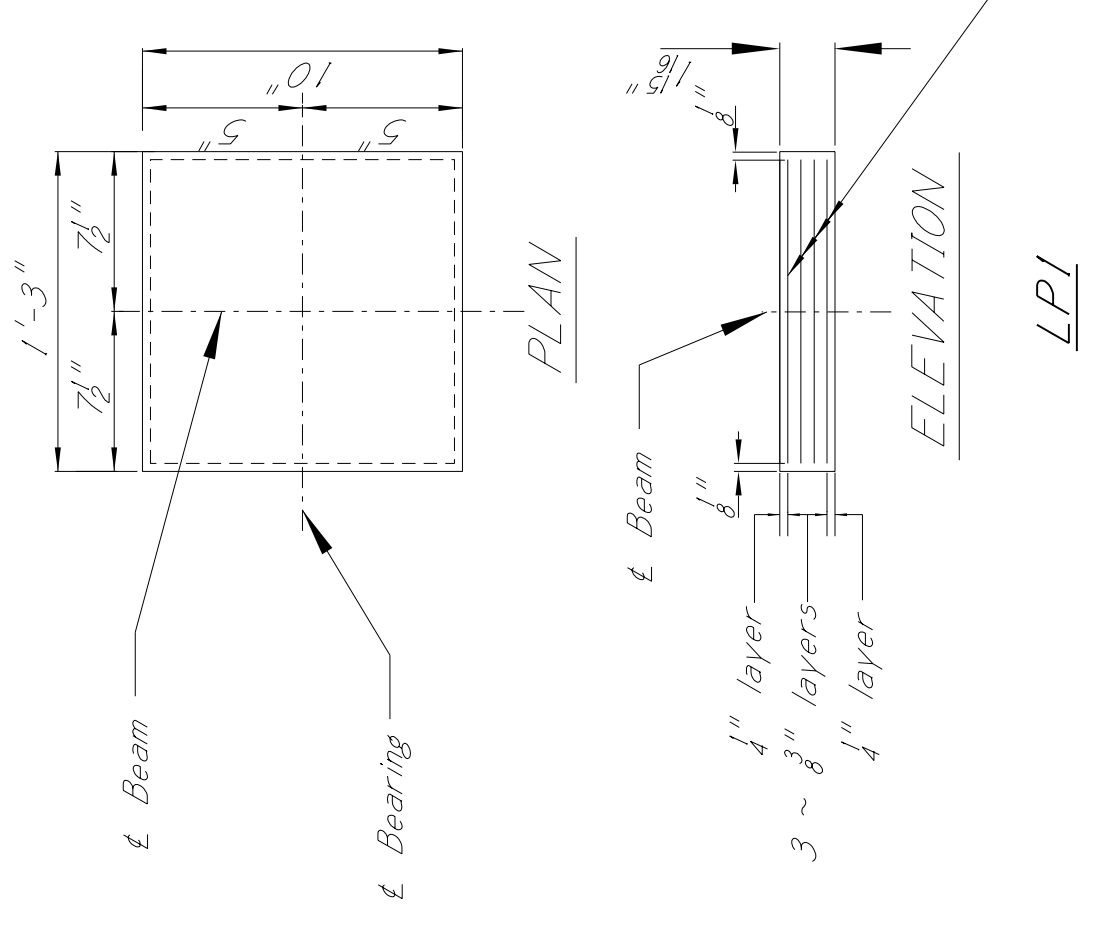
PAINT NOTE:  
The bottom of the existing beveled anchor plates shall be finished smooth to accommodate the new steel plate and painted with approved encapsulating paint.  
All pack rust and scale within the designated areas shall be removed by using small hand tools, mechanical process, or needle gun.  
All areas required to be painted containing grease films after the initial cleaning shall be cleaned with a biodegradable solvent.  
All debris removed from the existing structure shall become property of the Contractor and shall be disposed of properly. The Contractor shall provide technical data for the proposed encapsulating paint to be used on this project to the Director of Structures, State Bridge Engineer for approval.  
New paint shall be applied by hand, with either a brush or roller.



REPLACEMENT BEARING FOR BRIDGES AT STA 687+24.82 & STA 686+92.79

VERTICAL JACKING NOTES:

- The Contractor shall provide adequate bracing and jacking arrangements as required to raise the concrete beam ends 4" to 2" and replace the existing bearings under girders.
- The Contractor shall employ the service of a Mississippi Registered Professional Engineer who is knowledgeable in the field of Bridge Design. A complete set of bracing and jacking arrangement plans along with design calculations shall be submitted to the Director of Structures, State Bridge Engineer, through the Project Engineer for review prior to construction and shall bear the Design Engineer's Seal.
- All jacks on the bent shall be coupled to a common manifold and the beam ends raised uniformly.
- After the beam ends are raised into position, temporary blocking shall be provided to secure the beams in this position while the new bearings are being installed.
- Temporary blocking points shall be under the bottom flange of the beams and no temporary blocking will be allowed under any diaphragms or the bays.
- Jacking points shall be under the bottom flanges of beams at the bent and no jacking points will be allowed under any diaphragms or the bays.
- Traffic shall be maintained on the bridge for the duration of the repairs.
- Any damage to the bridge resulting from uneven or improper jacking shall be repaired by the Contractor at no additional cost to the State.



LAMINATED PAD DETAILS  
Testing acceptance procedure shall be in accordance with Section 714.10.2 of the Specifications. Elastomer shall have a hardness of 50 durometer with a minimum shear modulus at 73°F of 0.095 k.s.i. And a maximum shear modulus at 73°F of 0.130 k.s.i. Bearing area on top of pedestal shall be cast smooth and true to grade.

DATE	REVISION	BY	SEY
08/13/19	Revised bearing pad quantity		

FMS: 107019 / 302100  
COUNTY: YALOBUSHA  
PROJECT NUMBER: BR-9999-02(264)

DESIGNER: Andy Hilton  
CHECKER: Neal Tooty  
DATE: 7/17/2018  
ISSUE DATE: 7/17/2018  
PROJECT NUMBER: BR-9999-02(264)

DEPARTMENT OF TRANSPORTATION  
STATE BRIDGE ENGINEER - SOUTH WESTFIELD, P.E.  
REP. DIR. OF STRUCTURES, MISS. STATE BRIDGE ENGINEER - SOUTH WESTFIELD, P.E.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION  
BRIDGE AT STA. 678+39.21 (100.4A&B)  
BRIDGE AT STA. 687+24.82 (100.6A)  
BRIDGE AT STA. 686+92.79 (100.6B)  
BRIDGE AT STA. 693+59.21 (100.7A&B)

BEARING REPLACEMENT

WORKING NUMBER  
13 OF 14  
SHEET NUMBER  
8014

