

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>6/20/2024</u>	ADDENDUM NO. _____	DATED _____
ADDENDUM NO. <u>2</u>	DATED <u>6/24/2024</u>	ADDENDUM NO. _____	DATED _____
ADDENDUM NO. <u>3</u>	DATED <u>7/9/2024</u>	ADDENDUM NO. _____	DATED _____

Number	Description
1	Revised Table of Contents; Added S.P No. 907-202-4; Amendment EBSx Download Required.
2	Postponed til July 11, 2024 Letting; Amendment EBSx Download Required.
3	Revised Notice to Bidder No. 5803; Revised Bid Items; Revised Progress Schedule; Revised or Added Plan Sheet Nos. 8002, 8003 & 8009; 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.
 NHPP-0009-04(042)/ 109497301000
 Coahoma County(ies)

Revised 01/26/2016

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904 - NOTICE TO BIDDERS NO. 5803

CODE: (SP)

DATE: 04/12/2024

SUBJECT: Contract Time

PROJECT: NHPP-0009-04(042) / 109497301 – Coahoma County

The completion of work to be performed by the Contractor for this project will not be a specified date but shall be when all allowable working days are assessed, or any extension thereto as provided in Subsection 108.06. It is anticipated that the Notice of Award, will be issued no later than July 23, 2024 and the date for Notice to Proceed / Beginning of Contract Time will be August 8, 2024.

Should the Contractor request a Notice to Proceed earlier than August 8, 2024 and it is agreeable with the Department for an early Notice to Proceed, the requested date will become the new Notice to Proceed date. Regardless of whether or not an early Notice to Proceed is granted, contract time will start at the original Notice to Proceed date.

All requests for an early Notice to Proceed shall be sent to the Project Engineer who will forward it to the Contract Administration Division.

156 Working Days have been allowed for the completion of work on this project.

Bridge Repairs on US 61 over Black Lake Bayou (Bridge Nos. 264.4A & 264.4B), known as Federal Aid Project No. NHPP-0009-04(042) / 109497301 in Coahoma County.

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
Roadway Items					
0010	423-A001		1	Mile	Rumble Strips, Ground In
0020	618-B001		1	Square Feet	Additional Construction Signs [\$10.00]
0030	619-A1007		1,136	Linear Feet	Temporary Traffic Stripe, Continuous White, Type 1 or 2 Tape
0040	619-A2008		1,152	Linear Feet	Temporary Traffic Stripe, Continuous Yellow, Type 1 or 2 Tape
0050	619-C6001		3	Each	Red-Clear Reflective High Performance Raised Marker
0060	619-F1001		432	Linear Feet	Concrete Median Barrier, Precast
0070	619-F2001		432	Linear Feet	Remove and Reset Concrete Median Barrier, Precast
0080	620-A001		1	Lump Sum	Mobilization
0090	626-A002		200	Linear Feet	6" Thermoplastic Double Drop Traffic Stripe, Skip White
0100	626-C001		200	Linear Feet	6" Thermoplastic Double Drop Edge Stripe, Continuous White
0110	626-F002		200	Linear Feet	6" Thermoplastic Double Drop Edge Stripe, Continuous Yellow
0120	907-618-A001		1	Lump Sum	Maintenance of Traffic
Bridge Items					
0130	907-417-A001		870	Square Yard	Polymer Cement Surface System
0140	907-420-A001		2,500	Pounds	Undersealing
0150	907-804-O001	(S)	6	Cubic Yard	Bridge Deck Overlay Concrete
0160	907-808-A002	(S)	698	Linear Feet	Joint Repair
0170	907-823-A001		349	Linear Feet	Preformed Joint Seal, Type I
0180	907-823-B001		698	Linear Feet	Saw Cut, Type I
0190	907-824-B004		336	Square Feet	FRP Wrap, Uni-directional
0200	907-824-C001		4	Each	Cap Cleaning
0210	907-824-D001		24	Each	Bearing Replacements
0220	907-824-PP003		960	Square Feet	Bridge Repair, Removal of Bridge Deck
0230	907-824-PP008		400	Linear Feet	Bridge Repair, Bridge Railing Cleaning, Per Plans
0240	907-824-PP008		400	Linear Feet	Bridge Repair, Class 2 Spray finish, Per Plans
0250	907-824-PP008		173	Linear Feet	Bridge Repair, Endwall Repair, Per Plans

PROGRESS SCHEDULE

FORM CS0412
Rev. 1 / 2015

NO.	WORK PHASE DESCRIPTION	LINE NUMBERS	JAN	FEB	MAR	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOV	DEC	JAN	FEB	MAR	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOV	DEC	172 WORKING DAYS PER YEAR
			6	7	11	15	19	20	21	21	21	20	16	11	5	6	7	11	15	19	20	21	21	20	16	11	
1	Miscellaneous	10-120								0																	
2	Bridge Repair	130-250								5																	

LET: July 11, 2024
NOA: July 23, 2024
NTP/BCT: August 8, 2024
W.D.: 156

MONTH
ANTICIPATED WORKING DAYS PER MONTH

NOTE: THE ANTICIPATED WORKING DAYS SHOWN ON THIS SCHEDULE ARE FOR INFORMATIONAL PURPOSES ONLY.
THE ACTUAL WORKING DAY TOTAL AS ASSESSED BY THE PROJECT ENGINEER ON FORM CSD-765 SHALL GOVERN.

ADDENDUM

BRIDGE DIVISION				
REVISIONS				
DATE	SHEET NO.	DESCRIPTION	BY	
6-14-24	8009	Removed vulcanization note.	JWF	
6-21-24	8003	Corrected polymer cement surface system quantities.	JWF	



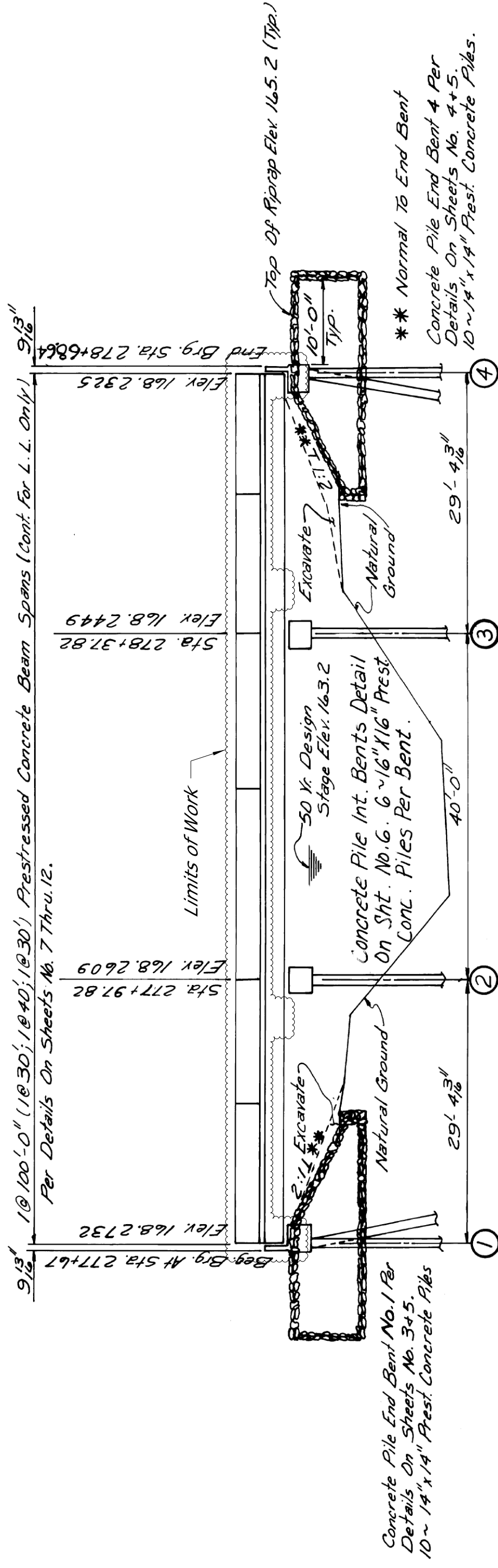
DESIGNED BY: JOSH FOSTER
DETAILED BY: JOSH FOSTER
CHECKED BY: JACOB FRIESS
DATE: 2024-01-10

FMS CON: 109497/301000
PROJECT NO.: NHP-009-04(042)
COUNTY: COAHOMA
DIR OF STRUCTURES, STATE BRIDGE ENGINEER - SCOTT WESTERFIELD, P.E. DEP. DIR OF STRUCTURES, ASST. STATE BRIDGE ENGINEER - MICAH DEW, P.E.

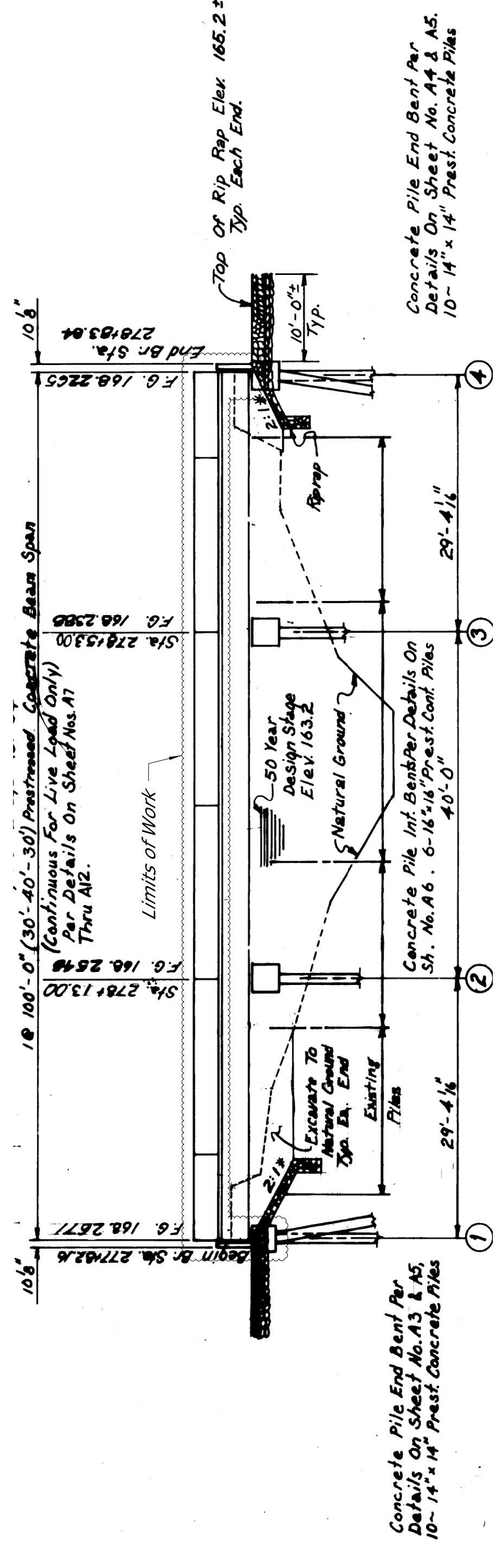
W.K. NO.
PRS-1
SHEET NO.
8002

PLAN REVISIONS

ADDENDUM



ELEVATION OF BRIDGE 264.4A



ELEVATION OF BRIDGE 264.4B

GENERAL SCOPE OF WORK ITEMS FOR BRIDGE SITE

Bridge 264.4A on US 61 Over Black Lake Bayou

1. Repair endwalls.
2. Replace bearing assemblies at end bents.
3. FRP wrap beam ends near int. bents.
4. Install polymer cement surface system.
5. Joint replacements at end bents.
6. Clean all railings and apply spray finish.
7. Clean caps.

Bridge 264.4B on US 61 Over Black Lake Bayou

1. Repair endwalls.
2. Replace bearing assemblies at end bents.
3. Repair deck spalling.
4. Install polymer cement surface system.
5. Joint replacements at end bents.
6. Clean all railings and apply spray finish.
7. Clean caps.

GENERAL NOTES:

1. Specifications: Mississippi Standard Specifications For Road And Bridge Construction, 2017.
2. Change of plans will be permitted except by the approval of the Director of Structures, State Bridge Engineer. Any such changes will be caused by contract bridge engineer. Provided such changes will not cause an increase in the contract price.
3. 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.
4. Prior to the construction, all dimensions of the existing structure shall be field verified by the Contractor.
5. 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 repair to ensure proper fit with the existing structure.
6. Work for which no pay item is provided in the plans will not be paid for directly and compensation therefor will be included in the prices and payments for bid items.
7. Any damage that occurs to the existing structure during the duration of this project shall be repaired to the satisfaction of the Engineer by the Contractor at no additional cost to the State.
8. Care should be taken to ensure that no debris falls into the hydraulic crossing below.
9. All material removed from the bridge shall become the property of the Contractor and shall be removed from the construction site.

SPECIAL PROVISIONS REQUIRED:

- 907-417: Polymer Cement Surface System
- 907-420: Undersealing
- 907-804: Bridge Deck Overlay
- 907-805: Joint Repair
- 907-823: Pretensioned Joint Seal
- 907-824: Routine Bridge Repair

TEMPORARY PRECAST BARRIER NOTE:

Temporary precast barriers shall be anchored to the bridge deck and approach slab. The Contractor shall submit proposed anchor details, including design calculations stamped by a Mississippi registered Professional Engineer prior to beginning work to be approved by the Director of Structures, State Bridge Engineer. After removal of the temporary barriers, all anchor holes shall be cleaned and filled with non-shrink, Sure-Grip Grout™ (The Dayton Sures-Grip and Shore Co.)
 Sure-Grip Grout™ (Gulfport Hill & Co.)
 or an approved equal, applied according to the Manufacturer's specifications.

MAINTENANCE OF TRAFFIC NOTE:

Maintain 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.

DISTURBANCE NOTE:

Any surrounding area that is disturbed in order to accomplish the work described herein shall be restored to its original condition. There will be no separate payment for this work.

CAP CLEANING NOTE:

Cap Cleaning shall be done in accordance with Special Provision Subsection 907-824.03.3. Only caps at open joints shall be cleaned. This item of work shall be paid for under Pay Item No. 907-824-C001, Cap Cleaning.

RAILING CLEANING NOTE:

Railing Cleaning should be performed by pressure washing the railings to the satisfaction of the Project Engineer. The pressure washer shall be able to maintain 3,500 psi of pressure. Class 2 Spray Finish shall be applied to railing after cleaning. See sheet no. 8004 for Elevation view of Class 2 Spray Finish.

UNDERSEALING NOTES:

1. Voids under end bent caps and approach pavement are to be filled with injectable urethane compound. Undersealing is required for all voids under the table above recommendations.
2. Urethane compound shall be installed in strict accordance with Manufacturer's instructions.
3. All costs associated with filling voids underneath and behind end bent caps with urethane compound shall be included in the price for Undersealing.
4. The accepted quantities will be paid for per pound of urethane compound material as reported on packaging.

REQUIRED URETHANE COMPOUND PROPERTIES		
PROPERTY	MIN. REQUIREMENT	ASTM TEST METHOD
Density	4.0 pcf	D 1622
Tensile Strength	100 psi	D 1622
Compressive Strength	90 psi	D 1621

CONTRACTOR SUBMITTALS

Prior to fabrication and construction, the following shall be submitted to the Director of Structures, State Bridge Engineer through the Project Engineer for approval. No work shall begin until all submittals have been authorized by the Director of Structures, State Bridge Engineer.

FIELD VERIFICATION SUBMITTAL:

- All dimensions of the existing structure and clearances shall be field verified by the Contractor. The Contractor shall be responsible for adjusting the elements of the new construction to ensure proper fit with existing structure. The Contractor shall submit verification of the existing bridge elements associated with the work items described in these plans. This shall include, but is not limited to:
- a. Finish grades of existing bridges.
 - b. Existing open joint widths.
 - c. Existing bearing dimensions.
 - d. Existing cap dimensions.
 - e. Any other element that will affect the work items described herein.

SHOP DRAWING SUBMITTAL:

The Contractor shall submit shop drawings for new bearing assemblies to be installed at end bents no. 1 & 4 for both bridges.

JACKING PLANS SUBMITTAL:
 The Contractor shall submit a complete set of bracing and jacking arrangement plans along with design calculations associated with bearing replacements for both bridges.

BARRIER ANCHOR SUBMITTAL:

The Contractor shall submit barrier anchor details in accordance with the Temporary Precast Barrier Note located on this sheet.

ESTIMATED BRIDGE QUANTITIES

PAY ITEM CODE	DESCRIPTION	UNIT	BRIDGE 264.4A	BRIDGE 264.4B	PROJECT TOTAL
907-417-A001	Polymer Cement Surface System	SY	445	445	870
907-420-A001	Undersealing	LBS	2500	2500	2500
907-804-O001	Bridge Deck Overlay Concrete	CY	6	6	6
907-808-A002	Joint Repair	LF	336	362	698
907-823-A001	Pretensioned Joint Seal, Type 1	LF	168	181	349
907-823-B001	Saw Cut, Type 1	LF	336	362	698
907-824-B004	FRP Wrap, Uni-Directional	SF	336	336	336
907-824-C001	Cap Cleaning	EACH	2	2	4
907-824-D001	Bearing Replacement	EACH	12	12	24
907-824-PP003	Bridge Repair, Removal of Bridge Deck	SF	960	960	960
907-824-PP008	Bridge Repair, Endwall Repair, Per Plans	LF	83	90	173
907-824-PP008	Bridge Repair, Bridge Railing Cleaning, Per Plans	LF	200	200	400
907-824-PP008	Bridge Repair, Class 2 Spray Finish, Per Plans	LF	200	200	400



DESIGNED BY: JOSH FOSTER	FMS CON: 109497/301000
DETAILED BY: JOSH FOSTER	PROJECT NO.: NHP-009-04(042)
CHECKED BY: JACOB FRIESS	COUNTRY: COAHOMA
DATE: 2024-01-10	

DIR OF STRUCTURES, STATE BRIDGE ENGINEER - SCOTT WESTERFIELD, P.E. DIR OF STRUCTURES, ASST. STATE BRIDGE ENGINEER - MICAH DEM, P.E.	
SCOPE OF WORK, GENERAL NOTES & ESTIMATED QUANTITIES	

WK. NO. 1 OF 7
SHEET NO. 8003



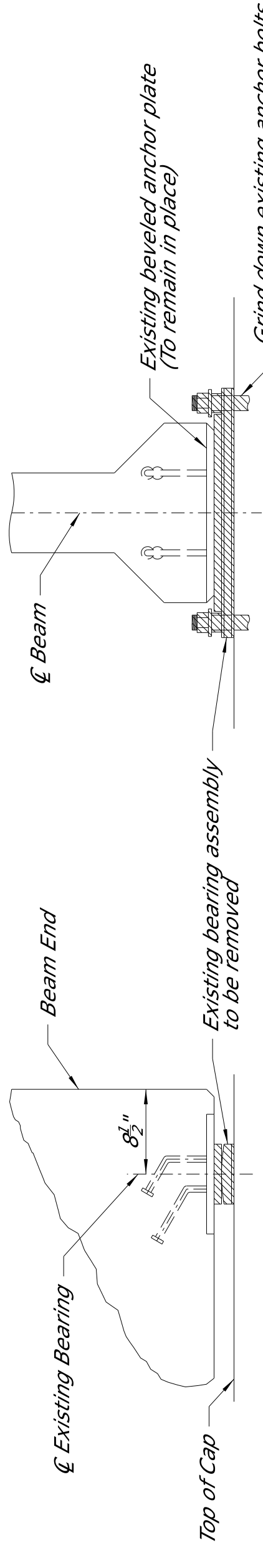
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 PROJECT NO.: NHP-009-04(042)
 COUNTY: COAHOMA

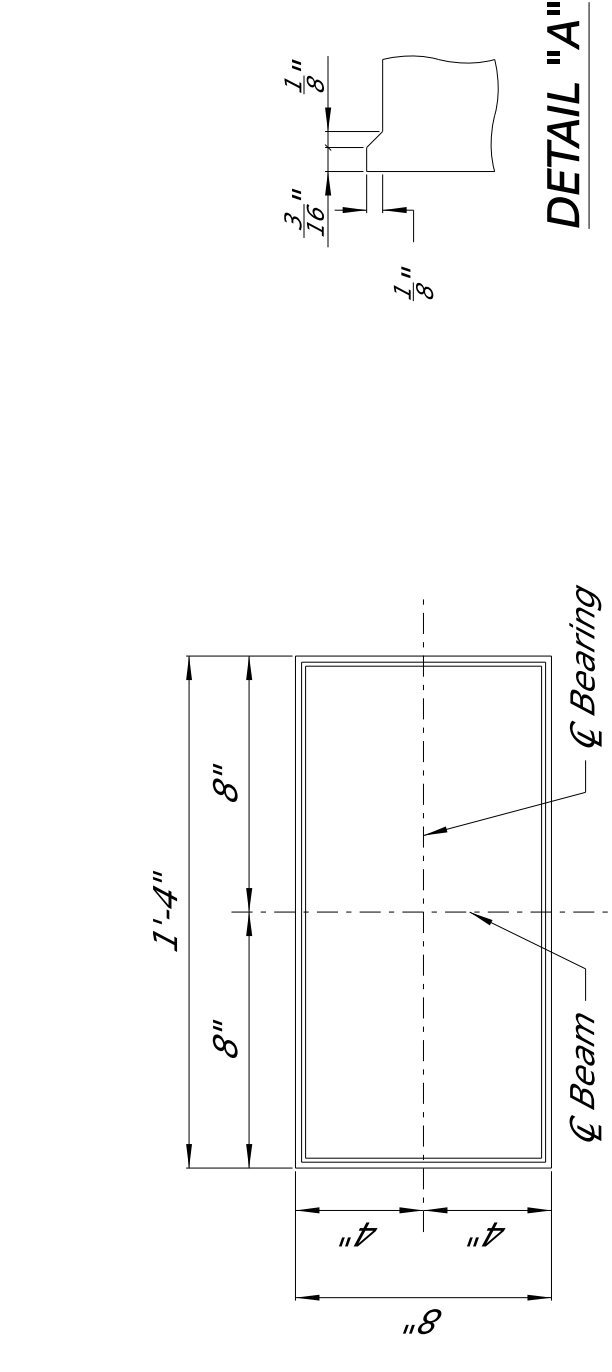
DIR OF STRUCTURES, STATE BRIDGE ENGINEER - SCOTT WESTERFIELD, P.E.
 DIR OF STRUCTURES, ASST. STATE BRIDGE ENGINEER - MICAH DEW, P.E.
BRIDGES 264.4A & 264.4B
BEARING REPLACEMENT DETAILS

WK. NO. **7 OF 7**
 SHEET NO. **8009**

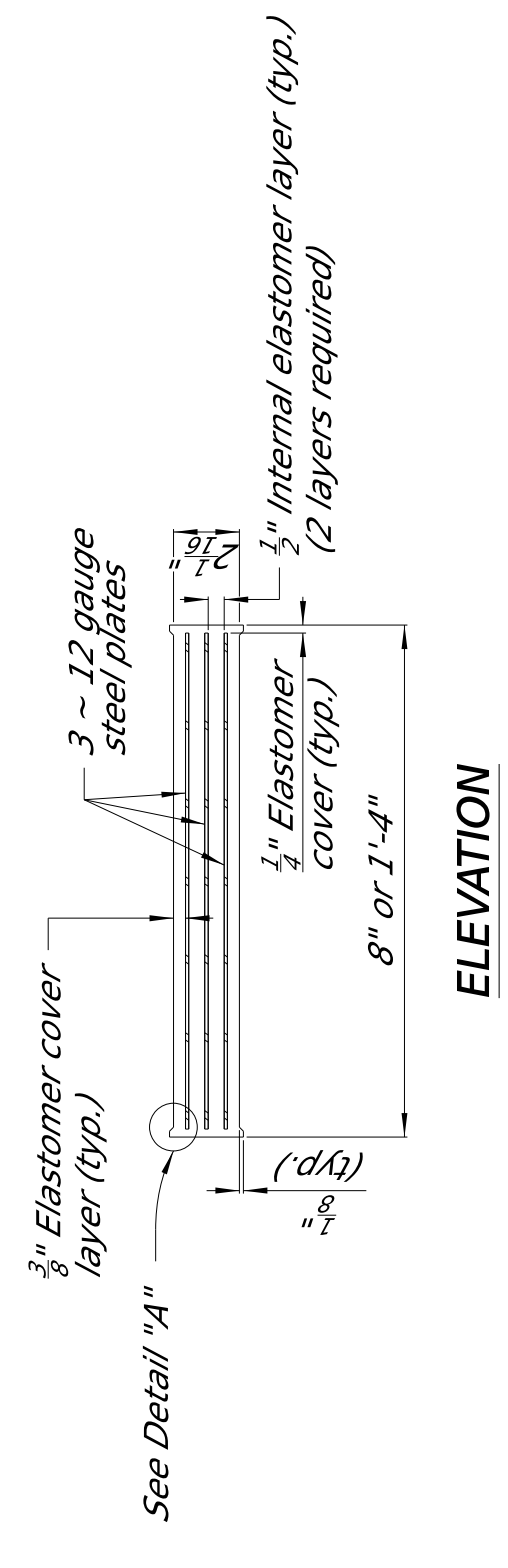


EXISTING BEARING ASSEMBLY DETAIL

Existing Bearing Assembly at Bents No. 1L/L1R & 4L/L4R



PLAN

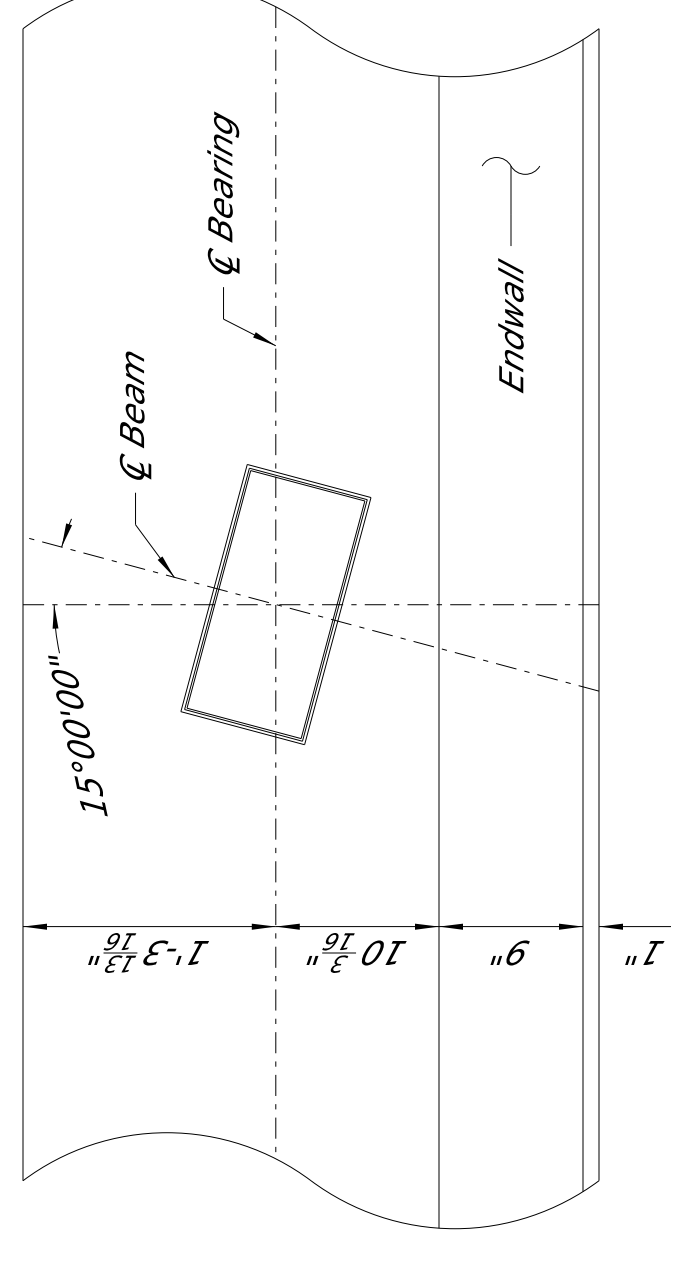
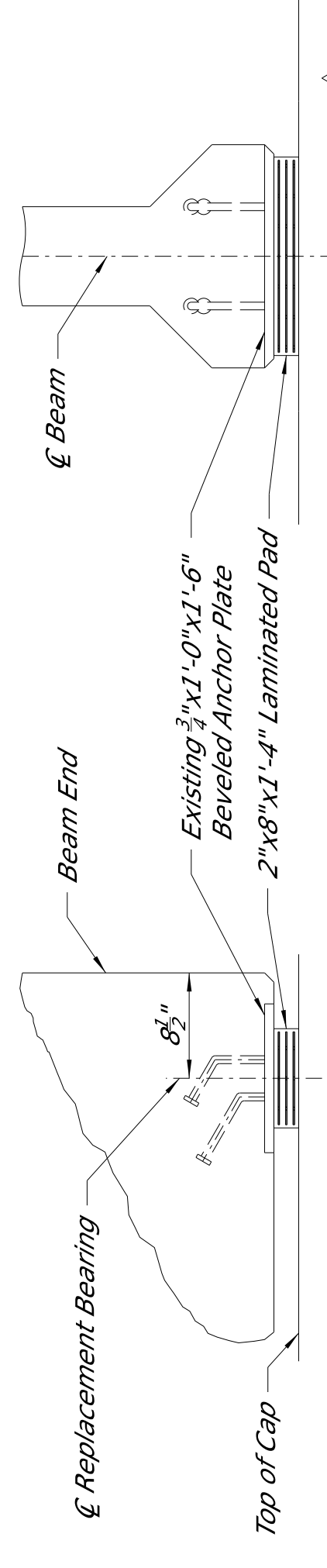


LAMINATED PAD DETAILS

LAMINATED PAD DIMENSIONS			
Mark	Thickness	Compressed Thickness	Count
LPI	2 1/16"	2"	24

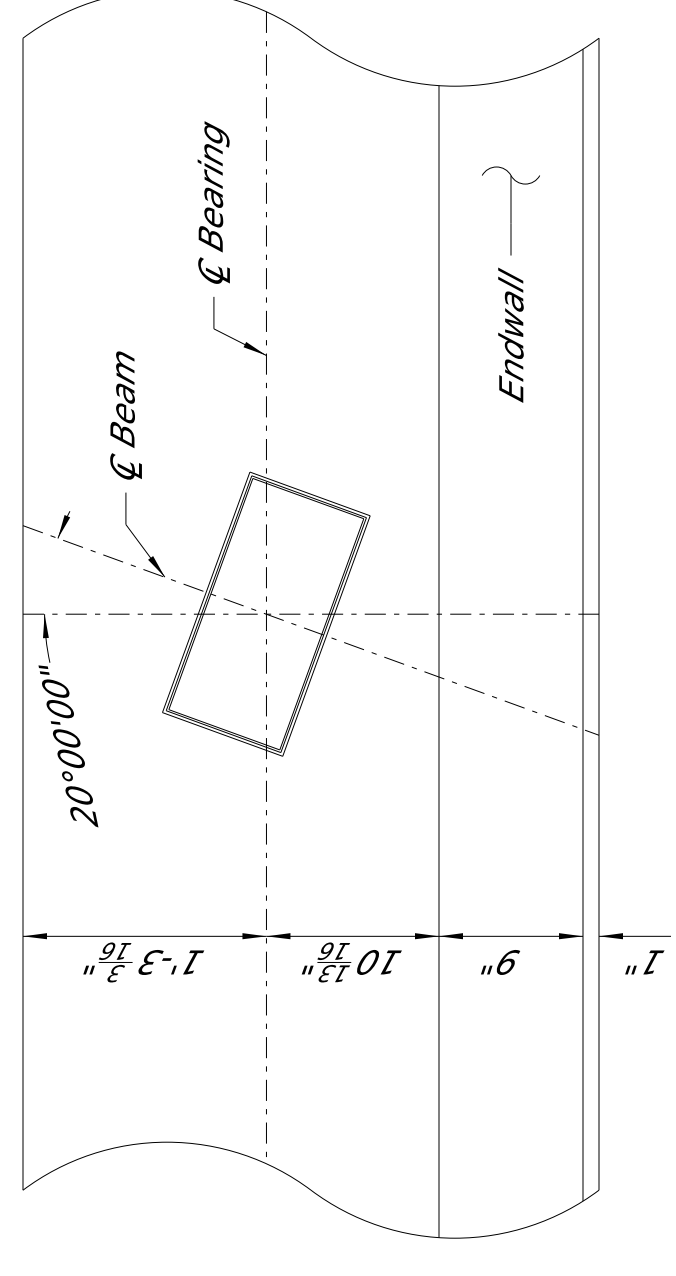
REPLACEMENT BEARING DETAIL

New Laminated Pad at Bents No. 1L/L1R & 4L/L4R



PLAN VIEW

Showing orientation for bridge 264.4A



PLAN VIEW

Showing orientation for bridge 264.4B

NOTE:

Testing acceptable 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 75°F of 0.100 ksi and a maximum shear modulus at 75°F of 0.150 ksi.

NOTE:

Bearings shall be replaced in accordance with Special Provision Subsection 907.024.03. Payment for this item shall be made under Pay Item No. 907.024.0001, Bearing Replacement.