

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> 5/18/2023 </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 Table of Contents; Revised NTB Nos. 4981 & 4982; Added NTB No. 4985; Revised Bid Items; Revised or Added Plan Sheet Nos. 8001, 8002 & 8005; Amendment EBSx 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.
 STBG-0074-02(014)/ 108852301000
 Kemper County(ies)

Revised 01/26/2016

**MISSISSIPPI DEPARTMENT OF TRANSPORTATION
TABLE OF CONTENTS**

PROJECT: STBG-0074-02(014)/108852301 - Kemper

Section 901 - Advertisement

Section 904 - Notice to Bidders

#1	Governing Specification, w/ Supplement
#2	Status of ROW, w/ Attachments
#3	Final Cleanup
#9	Federal Bridge Formula
#296	Reduced Speed Limit Signs
#445	Mississippi Agent or Qualified Nonresident Agent
#516	Errata and Modifications to the 2017 Standard Specifications
#1225	Early Notice to Proceed
#1226	Material Storage Under Bridges
#1241	Fuel and Material Adjustments
#2206	MASH Compliant Devices
#2273	Mississippi Special Fuel Tax Law
#2611	Disadvantaged Business Enterprise In Federal-Aid Highway Construction, w/ Supplement
#2782	DBE Pre-Bid Meeting
#2895	Exploratory Joint Cleanout
#2954	Reflective Sheeting for Signs
#3963	Super Silt Fence
#4113	Unique Entity ID Requirement For Federal Funded Projects
#4702	App for Traffic Control Report
#4979	Contract Time
#4980	Specialty Items
#4981	Placement of Fill Material in Federally Regulated Areas
#4982	Underground Utilities
#4983	Temporary Construction Signs
#4984	Haul Roads
#4985	Project Number Change

906	Required Federal Contract Provisions -- FHWA 1273, w/Supplements
-----	--

Section 907 - Special Provisions

907-102-2	Bidding Requirements and Conditions
907-105-1	Authority of the Engineer
907-106-1	Control of Materials
907-108-4	Subletting of Contract
907-109-4	Measurement and Payment
907-234-1	Silt Fence
907-420-4	Undersealing
907-700-1	Materials and Tests
907-701-3	Hydraulic Cement
907-702-4	Bituminous Materials
907-703-2	Gradation

PROJECT: STBG-0074-02(014)/108852301 - Kemper

907-705-1	Stone Riprap
907-707-3	Joint Materials
907-711-2	Plain Steel Wire
907-712-1	Fence and Guardrail
907-714-3	Miscellaneous Materials
907-718-1	Timber and Dimension Lumber
907-720-2	Acceptance Procedure for Glass Beads
907-721-4	Materials for Signing
907-808-1	Joint Repair
907-823-7	Preformed Joint Seal
907-824-2	Routine Bridge Repair

Section 905 - Proposal, Proposal Bid Items, Combination Bid Proposal

Certification of Performance - Prior Federal-Aid Contracts

Certification Regarding Non-Collusion, Debarment and Suspension

SAM.GOV Registration and Unique Entity ID

Section 902 - Contract Form

Section 903 - Contract Bond Forms

Form -- OCR-485

Progress Schedule

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

05/18/2023 08:06 AM

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904 - NOTICE TO BIDDERS NO. 4981

CODE (SP)

DATE: 05/18/2023

SUBJECT: Placement of Fill Material in Federally Regulated Areas

PROJECT: STBG-0074-02(014) / 108852301 – Kemper County

A Permit (404, General, Nationwide, etc.) for placing fill material in federally regulated sites is required on this project.

The Department has acquired the following permits for permanently filling at regulated sites that are identified during project development:

Nationwide Permit No. 3 (Waters of the U.S.) -- All sites with area less than 0.10 acre.

Copies of said permit(s) are available at the below referenced link for the appropriate letting date under the column titled “Permit Doc.”

<http://mdot.ms.gov/Applications/BidSystem/Home.aspx>

The permit may have plan sheets attached as reference but these sheets are not to be used for construction. Official plans sheets are those included in the Project Plans.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904 - NOTICE TO BIDDERS NO. 4982

CODE: (SP)

DATE: 5/18/2022

SUBJECT: Underground Utilities

PROJECT: STBG-0074-02(014) / 108852301 – Kemper County

Bidders are hereby advised that utility lines owned and maintained by MDOT may be present within the project limits. These utilities are not located by Mississippi 811. It shall be the Contractor's responsibility to coordinate with MDOT to have the utility lines located and marked prior to beginning work. The Contractor shall give a minimum of three (3) working days of advance notice for locate requests.

Additionally, it shall be the Contractor's responsibility to maintain the utility markings or have the ability to survey the marked utilities and re-establish said utility markings as needed. The Department shall only be responsible for locating and marking the utilities once per Contract.

The contacts for MDOT utility lines are as follows:

Underground Power Lines:

Michael Lee – 601-683-3341 – mlee@mdot.ms.gov

Billy Coward – 601-683-3341 – bcoward@mdot.ms.gov

Underground Communication Lines:

Kerby McFarland – 601-359-7450 – kmcfarland@mdot.ms.gov

Steven Newell – 601-359-7450 – snewell@mdot.ms.gov

Henry Lewis – 601-359-1454 – hlewis@mdot.ms.gov

Underground Signal Lines:

Amrik Singh – 601-359-1454 – asingh@mdot.ms.gov

Kenneth Welch – 601-359-1454 – kwelch@mdot.ms.gov

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904 - NOTICE TO BIDDERS NO. 4985

CODE: (SP)

DATE: 5/18/2023

SUBJECT: Project Number Change

PROJECT: STBG-0074-02(014) / 108852301 – Kemper County

Bidders are hereby advised that any references to Project Number NHPP-0055-04(120) / 108852301 in the plans or specifications shall be understood to mean Project Number STBG-0074-02(014) / 108852301.

Bridge Preservation on SR 39 over Sucarnoochee River & Straight Creek (Bridge Nos. 31.0 & 34.7), known as Federal Aid Project No. STBG-0074-02(014) / 108852301 in Kemper County.

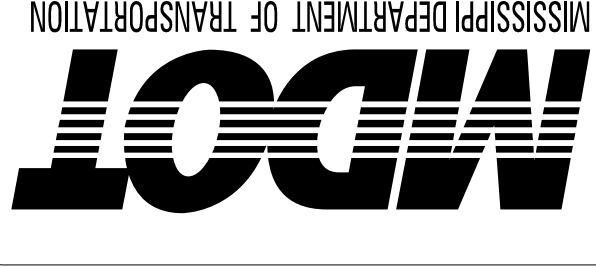
Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
Roadway Items					
0010	237-A002		320	Linear Feet	Wattles, 20"
0020	618-A001		1	Lump Sum	Maintenance of Traffic
0030	619-D1001		32	Square Feet	Standard Roadside Construction Signs, Less than 10 Square Feet
0040	619-D2001		64	Square Feet	Standard Roadside Construction Signs, 10 Square Feet or More
0050	619-G4001		48	Linear Feet	Barricades, Type III, Double Faced
0060	620-A001		1	Lump Sum	Mobilization
0070	907-234-C001		320	Linear Feet	Super Silt Fence
0080	907-234-F001		200	Linear Feet	Turbidity Barrier
Bridge Items					
0090	202-B208		143	Square Yard	Removal of Riprap
0110	815-A007	(S)	1,941	Ton	Loose Riprap, Size 300
0120	815-E001	(S)	1,150	Square Yard	Geotextile under Riprap
0130	907-420-A001		1,000	Pounds	Undersealing
0140	907-808-A002	(S)	354	Linear Feet	Joint Repair
0150	907-823-A001		177	Linear Feet	Preformed Joint Seal, Type I
0160	907-823-B001		213	Linear Feet	Saw Cut, Type I
0170	907-824-A003		164	Square Feet	General Epoxy Repair
0180	907-824-C001		13	Each	Cap Cleaning
0190	907-824-D001		20	Each	Bearing Replacements
0200	907-824-PP004		1	Lump Sum	Bridge Repair, Bank Reshaping, Per Plans
0210	907-824-PP006		10	Each	Bridge Repair, Pile Encasement, Per Plans
0220	907-824-PP008		960	Linear Feet	Bridge Repair, Class 2 Spray Finish, Per Plans

ADDENDUM

DESCRIPTION OF SHEETS
SPECIAL DESIGN SHEETS ~ BRIDGE DRAWINGS

DESCRIPTION OF SHEETS SPECIAL DESIGN SHEETS ~ BRIDGE DRAWINGS	WORKING NUMBER	SHEET NUMBER
DETAILED INDEX (BRIDGE)	DI-BR-1	8001
ESTIMATED QUANTITIES AND GENERAL NOTES	1 OF 5	8002
RIPRAP PLACEMENT SR 39 OVER SUCARNOOCHEE CREEK	2 OF 5	8003
RIPRAP PLACEMENT SR 39 OVER STRAIT CREEK	3 OF 5	8004
EPOXY REPAIR, PILE ENCASUREMENT, & BEARING REPLACEMENT DETAILS	4 OF 5	8005
JOINT REPAIR DETAILS	5 OF 5	8006
INFORMATION PLANS		8007-8018

BRIDGE DIVISION		
REVISIONS		
DATE	SHEET NO.	BY
5/4/23	8002 & 8005	AWH



DESIGNED BY: ALEX HAWKINS
 DETAILED BY: ALEX HAWKINS
 CHECKED BY: JOSH FOSTER
 DATE: 2023-02-15

FMS CON: 10885Z/301000
 PROJECT NO.: NHP-0055-04(120)
 COUNTRY: KEMPER

**BRIDGE AT STA. 117+79.21
 BRIDGE AT STA. 81+40.00
 DETAILED INDEX
 (BRIDGE)**

WK. NO.
DI-BR-1
 SHEET NO.
8001

ESTIMATED QUANTITIES					
PAY ITEM NO.	PAY ITEM	UNIT	31.0	34.7	PROJECT TOTAL
202-B208	Removal of Riprap	SY	143	143	143
815-A007	Loose Riprap, Size 300	TON	1569	372	1941
815-E001	Geotextile under Riprap	SY	930	220	1150
907-420-A001	Undersealing	LS	1000	1000	1000
907-808-A002	Joint Repair	LF	354	354	354
907-823-A001	Pre-Formed Joint Seal, Type 1	LF	177	177	177
907-823-B001	Saw Cut, Type 1	LF	213	213	213
907-824-A003	General Epoxy Repair	SF	164	164	164
907-824-C001	Cap Cleaning	EA	13	13	13
907-824-D001	Bearing Replacement	EA	20	20	20
907-824-PP004	Bridge Repair, Bank Reshaping, Per Plans	LS	0.5	0.5	1
907-824-PP006	Bridge Repair, Pile Encasement, Per Plans	EA	10	10	10
907-824-PP008	Bridge Repair, Class 2 Spray Finish, Per Plans	LF	960	960	960

SCOPE OF WORK

- Expansion joints at End Bents 1 & 13 and Int. Bent 7 shall be repaired BR 31.0.
- and resealed per details on sheet no. 8003.
- Bearings at End Bents 1 & 13 and Int. Bent 7 shall be replaced per details on sheet no. 8004 and shall be paid for under pay item 907-824-D001, Bearing Replacement.
- All spalled areas shall be repaired by epoxy mortar per details on sheet no. 8005 and shall be paid for under pay item 907-824-A003, General Epoxy Repair.
- voids under End Bent cap and rear approach slab shall be filled with undersealing. Per details on this sheet and shall be paid for under pay item 907-420-A001, Undersealing.
- Extend pile encasement to 907-824-PP005 & 4 Per details on sheet no. 8004 and shall be paid for under pay item 907-824-PP006, Bridge Repair, Pile Encasement, Per Plans.
- Fill area of scour under Span 1 with riprap back to natural ground line and extend riprap at Bents 1 & 12 per details on Sheet No. 8003.
- Reshape and armor 8003 bank at Span 2 to a 2:1 slope to the approximate top of bank as indicated on sheet 8003. All excess dirt to be used to fill any washout spots or to level any low spots as instructed by the Project Engineer. This work and any work associated with reshaping, bank, including disposal of any excess dirt that cannot be utilized on project site directed by the Project Engineer, shall be paid for under pay item 907-824-PP004, Bridge Repair, Bank Reshaping, Per Plans. Install riprap where top of riprap is flush with natural bed elevation as indicated on sheet 8003.
- Riprap shall be Pressure washed and repaired with epoxy mortar and receive Class 2 Spray Finish.
- Class 2 Spray Finish.
- BR 34.7, all bent caps.
- Remove riprap in channel. Work shall be paid for under pay item no. 202-B208, Removal of Riprap.
- Reshape south bank of Span 2 to a 2:1 slope and place riprap at both banks. All excess dirt first shall be used to fill in any washout spots or to level any low spots as instructed by the Project Engineer. All work associated with reshaping the south bank, including disposal of any excess dirt that cannot be utilized on the project site as directed by the Project Engineer shall be paid for under pay item 907-824-PP004, Bridge Repair, Bank Reshaping, Per Plans. See sheet no. 8004 for details.

REQUIRED URETHANE COMPOUND PROPERTIES		
PROPERTY	MINIMUM REQUIREMENT	ASTM TEST METHOD
Density	4.0 pcf	D1622
Tensile Strength	100 psi	D1622
Compressive Strength	90 psi	D1621

UNDERSEALING NOTES

- voids under End Bent 1 cap and approach slab are to be filled with injectable urethane compound material meeting the required properties below.
- Prior to injection, the site shall be prepared according to Manufacturer's recommendations.
- Urethane compound shall be installed in strict accordance with Manufacturer's instructions. All costs associated with filling voids underneath and behind end bent caps with urethane compound shall be included in the price for Undersealing.
- The accepted quantities will be paid for per pound of urethane compound material as reported on packaging.

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 contractor price adjustment.
- Bridge concrete for new construction shall be high/early strength overlay.
- Bridge deck shall be broom finished.
- Bar bending details shall be in accordance with "Manual of Standard Practice for Reinforcement of Reinforced Concrete Structures (ACI 318R-04).
- 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.
- Reinforcing steel shall be ASTM A615, Grade 60, unless otherwise noted.
- Shop drawings of steel orders, 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 Contractor shall submit a proposed demolition plan prior to beginning work to be approved by the Director of Structures, State Bridge Engineer.
- All dimensions and details for new structure shall be in accordance with the original plans that are attached as information plans, except as otherwise noted in these plans. Work that which no pay item is provided will not be paid for directly.
- 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 structure 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 additional cost to the State.
- During construction caps shall be encased 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.

CLEANING NOTES:

All large debris shall be removed by hand. Caps, bearings, beams, piles, bridge railing, and the bottom of the bridge deck within the scope work for this project shall be cleaned by pressure washing where all dirt, rust and any other debris is removed to the satisfaction of the Project Engineer. The pressure washer shall be able to maintain 3,500 psi or pressure.

ESTIMATED QUANTITIES					
PAY ITEM NO.	PAY ITEM	UNIT	31.0	34.7	PROJECT TOTAL
202-B208	Removal of Riprap	SY	143	143	143
815-A007	Loose Riprap, Size 300	TON	1569	372	1941
815-E001	Geotextile under Riprap	SY	930	220	1150
907-420-A001	Undersealing	LS	1000	1000	1000
907-808-A002	Joint Repair	LF	354	354	354
907-823-A001	Pre-Formed Joint Seal, Type 1	LF	177	177	177
907-823-B001	Saw Cut, Type 1	LF	213	213	213
907-824-A003	General Epoxy Repair	SF	164	164	164
907-824-C001	Cap Cleaning	EA	13	13	13
907-824-D001	Bearing Replacement	EA	20	20	20
907-824-PP004	Bridge Repair, Bank Reshaping, Per Plans	LS	0.5	0.5	1
907-824-PP006	Bridge Repair, Pile Encasement, Per Plans	EA	10	10	10
907-824-PP008	Bridge Repair, Class 2 Spray Finish, Per Plans	LF	960	960	960

SCOPE OF WORK

- Expansion joints at End Bents 1 & 13 and Int. Bent 7 shall be repaired BR 31.0.
- and resealed per details on sheet no. 8003.
- Bearings at End Bents 1 & 13 and Int. Bent 7 shall be replaced per details on sheet no. 8004 and shall be paid for under pay item 907-824-D001, Bearing Replacement.
- All spalled areas shall be repaired by epoxy mortar per details on sheet no. 8005 and shall be paid for under pay item 907-824-A003, General Epoxy Repair.
- voids under End Bent cap and rear approach slab shall be filled with undersealing. Per details on this sheet and shall be paid for under pay item 907-420-A001, Undersealing.
- Extend pile encasement to 907-824-PP005 & 4 Per details on sheet no. 8004 and shall be paid for under pay item 907-824-PP006, Bridge Repair, Pile Encasement, Per Plans.
- Fill area of scour under Span 1 with riprap back to natural ground line and extend riprap at Bents 1 & 12 per details on Sheet No. 8003.
- Reshape and armor 8003 bank at Span 2 to a 2:1 slope to the approximate top of bank as indicated on sheet 8003. All excess dirt to be used to fill any washout spots or to level any low spots as instructed by the Project Engineer. This work and any work associated with reshaping, bank, including disposal of any excess dirt that cannot be utilized on project site directed by the Project Engineer, shall be paid for under pay item 907-824-PP004, Bridge Repair, Bank Reshaping, Per Plans. Install riprap where top of riprap is flush with natural bed elevation as indicated on sheet 8003.
- Riprap shall be Pressure washed and repaired with epoxy mortar and receive Class 2 Spray Finish.
- Class 2 Spray Finish.
- BR 34.7, all bent caps.
- Remove riprap in channel. Work shall be paid for under pay item no. 202-B208, Removal of Riprap.
- Reshape south bank of Span 2 to a 2:1 slope and place riprap at both banks. All excess dirt first shall be used to fill in any washout spots or to level any low spots as instructed by the Project Engineer. All work associated with reshaping the south bank, including disposal of any excess dirt that cannot be utilized on the project site as directed by the Project Engineer shall be paid for under pay item 907-824-PP004, Bridge Repair, Bank Reshaping, Per Plans. See sheet no. 8004 for details.

REQUIRED URETHANE COMPOUND PROPERTIES		
PROPERTY	MINIMUM REQUIREMENT	ASTM TEST METHOD
Density	4.0 pcf	D1622
Tensile Strength	100 psi	D1622
Compressive Strength	90 psi	D1621

UNDERSEALING NOTES

- voids under End Bent 1 cap and approach slab are to be filled with injectable urethane compound material meeting the required properties below.
- Prior to injection, the site shall be prepared according to Manufacturer's recommendations.
- Urethane compound shall be installed in strict accordance with Manufacturer's instructions. All costs associated with filling voids underneath and behind end bent caps with urethane compound shall be included in the price for Undersealing.
- The accepted quantities will be paid for per pound of urethane compound material as reported on packaging.

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 contractor price adjustment.
- Bridge concrete for new construction shall be high/early strength overlay.
- Bridge deck shall be broom finished.
- Bar bending details shall be in accordance with "Manual of Standard Practice for Reinforcement of Reinforced Concrete Structures (ACI 318R-04).
- 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.
- Reinforcing steel shall be ASTM A615, Grade 60, unless otherwise noted.
- Shop drawings of steel orders, 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 Contractor shall submit a proposed demolition plan prior to beginning work to be approved by the Director of Structures, State Bridge Engineer.
- All dimensions and details for new structure shall be in accordance with the original plans that are attached as information plans, except as otherwise noted in these plans. Work that which no pay item is provided will not be paid for directly.
- 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 structure 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 additional cost to the State.
- During construction caps shall be encased 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.

CLEANING NOTES:

All large debris shall be removed by hand. Caps, bearings, beams, piles, bridge railing, and the bottom of the bridge deck within the scope work for this project shall be cleaned by pressure washing where all dirt, rust and any other debris is removed to the satisfaction of the Project Engineer. The pressure washer shall be able to maintain 3,500 psi or pressure.



DESIGNED BY: ALEX HAWKINS
 DETAILED BY: ALEX HAWKINS
 CHECKED BY: JOSH FOSTER
 DATE: 2023-02-15

FMS CON: 10885Z/301000
 PROJECT NO.: NHP-0055-04(120)
 COUNTRY: KEMPER

**BRIDGE AT STA. 117+79.21
 BRIDGE AT STA. 81+40.00
 ESTIMATED QUANTITIES &
 GENERAL NOTES**

WK. NO. 1 OF 5
 SHEET NO. 8002

DATE	REVISION	BY
5/4/23	Removed quantity and added/revised notes	AWH

BEARING REPLACEMENT & VERTICAL JACKING NOTES:

Bearings shall be replaced in accordance with Special Provision 907-824.03.4. Payment for this work shall be made under Pay Item No. 907-824-D001, Bearing Replacement.

CLEARING AND GRUBBING NOTE:

Any minor clearing and grubbing under the bridge site necessary to perform the project work shall be considered an absorbed item of work, and will be at the discretion of the Project Engineer.

EXISTING BRIDGE RAILING TEXTURE FINISH NOTE:

Existing bridge railing at BR 31.0 shall receive a Class 2 spray finish. Prior to spraying finish on existing railing, all loose material and grime must be removed. Prior to the spray finish, the concrete shall be given a Class 1 finish in accordance with Subsection 804.03.13.1, supplemented if necessary with a grout meeting the requirements of Subsection 715.11 with fine aggregate modified to require 100 percent passing the No. 60 sieve (no. 2 separate Pay Item). Spray finish shall be in accordance with 804.03.13.3.2—Spray Finish. This item of work, including cleaning of existing railing and Class 1 finish, shall be absorbed under pay item no. 907-824-PP008, Bridge Repair, Class 2, Spray Finish, per plans.

MAINTENANCE OF TRAFFIC

Maintain traffic in accordance with Section 618 of the 2017 edition of The Standard Specifications For Road And Bridge Construction, Part VI of the MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES

SPECIAL PROVISIONS REQUIRED:

- 907-420: Undersealing
- 907-808: Joint Repair
- 907-823: Pre-Formed Joint Seal
- 907-824: General Epoxy Repair
- 907-824: Cap Cleaning
- 907-824: Bearing Replacement & Vertical Jacking

EPOXY MORTAR REPAIR NOTES:

General Epoxy Repair shall be done in accordance with Special Provision 907-824.03.1 and with the approved materials outlined in Special Provision 907-824.02.1. All work and material required to perform this item of work shall be paid for under Pay Item No. 907-824-A003 General Epoxy Repair. For EPOXY MORTAR SPALL REPAIR DETAIL, see sheet no. 8005.

APPROXIMATE EPOXY REPAIR LOCATIONS				
Span	Bent	Pile	Quantity (sq. ft.)	Remarks
6	7	N/A	2	Drop slab
7	7	3	2	Bent cap
All	N/A	N/A	160	Railing

