

**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>  2/17/2021  </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 3052; SP 907-109-2 replaces SP 907-109-1; Revised Bid Items; Revised or Added Plan Sheet Nos. 8001-8002 & 8007; 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.  
NHPP-0472-00(019) / 108283301000  
Newton County(ies)

Revised 01/26/2016

**MISSISSIPPI DEPARTMENT OF TRANSPORTATION**

**SECTION 904 - NOTICE TO BIDDERS NO. 3052**

**DATE:** 1/22/2021

**SUBJECT:** Readvertisement

**PROJECT:** NHPP-0472-00(019)/ 108283301000 - Newton County(ies)

The contents of this proposal are the same as when advertised for the November 24, 2020 Letting, except as follows:

Revised Advertisement;

Revised Notice to Bidder No. 2881;

Revised Notice to Bidder No. 2882;

SP 907-109-2 replaces SP 907-109-1;

Revised Bid Items;

Revised Progress Schedule;

Add this Notice to Bidders No. 3052.

**MISSISSIPPI DEPARTMENT OF TRANSPORTATION  
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#3	Final Cleanup
#9	Federal Bridge Formula
#14	Railway-Highway Provision, w/Supplement
#246	Kansas City Southern Construction Requirements
#296	Reduced Speed Limit Signs
#445	Mississippi Agent or Qualified Nonresident Agent
#516	Errata and Modifications to the 2017 Standard Specifications
#977	DUNS Requirement For Federal Funded Projects
#1225	Early Notice to Proceed
#1226	Material Storage Under Bridges
#1241	Fuel and Material Adjustments
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#2895	Exploratory Joint Cleanout
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906	Required Federal Contract Provisions -- FHWA 1273, w/Supplements

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**PROJECT: NHPP-0472-00(019)/108283301 - Newton**

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Certification Regarding Non-Collusion, Debarment and Suspension

SAM.GOV Registration and DUNS Number

Section 902 - Contract Form

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Form -- OCR-485

Progress Schedule

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

02/17/2021 11:00 AM

## MISSISSIPPI DEPARTMENT OF TRANSPORTATION

| SPECIAL PROVISION NO. 907-109-2

CODE: (SP)

| DATE: 01/20/2021

SUBJECT: Measurement and Payment

Section 109, Measurement and Payment, of the 2017 Edition of the Mississippi Standard Specifications for Road and Bridge Construction is hereby amended as follows.

**907-109.01--Measurement of Quantities.** Delete the sixth full paragraph of Subsection 109.01 on page 88, and substitute the following.

If appropriate based on the specific circumstances of the project, the Contractor may request that material specified to be measured by the cubic yard or ton be converted to the other measure. The Contractor must submit this request to the Engineer. The Engineer will provide an approval or denial in writing. The decision is in the sole discretion of the Engineer. If approved, factors for this conversion will be determined by the District Materials Engineer and agreed to by the Contractor. The conversion of the materials along with the conversion factor will be incorporated into the Contract by supplemental agreement. The supplemental agreement must be executed before such method of measurement is used.

**907-109.06--Partial Payment.**

**907-109.06.2--Advancement on Materials.** Delete the next to last paragraph of Subsection 109.06.2 on page 95, and substitute the following.

Materials for which an advanced payment has been allowed must be paid for by the Contractor within 30 days of the estimate on which the advanced payment was first allowed and proof of said payment must be verified by the supplier. If proof of payment is not furnished within the allowable 30 days, the advanced payment will be deducted on subsequent current estimates until such time that proof of payment is furnished.

Bridge Preservation on US 80 over KCS Railroad (Bridge No. 107.8), known as Federal Aid Project No. NHPP-0472-00(019) / 108283301 in Newton County.

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
<b>Roadway Items</b>					
0010	216-A001		570	Square Yard	Solid Sodding
0020	234-A001		200	Linear Feet	Temporary Silt Fence
0030	618-A001		1	Lump Sum	Maintenance of Traffic
0040	619-D1001		16	Square Feet	Standard Roadside Construction Signs, Less than 10 Square Feet
0050	619-D2001		112	Square Feet	Standard Roadside Construction Signs, 10 Square Feet or More
0060	619-G4001		24	Linear Feet	Barricades, Type III, Double Faced
0070	620-A001		1	Lump Sum	Mobilization
0080	626-C001		290	Linear Feet	6" Thermoplastic Double Drop Edge Stripe, Continuous White
0090	626-F002		290	Linear Feet	6" Thermoplastic Double Drop Edge Stripe, Continuous Yellow
0100	627-L001		7	Each	Two-Way Yellow Reflective High Performance Raised Markers
0110	907-899-A001		1	Lump Sum	Railway-Highway Provisions
<b>Bridge Items</b>					
0130	815-A007	(S)	405	Ton	Loose Riprap, Size 300
0132	815-E001	(S)	240	Square Yard	Geotextile under Riprap
0140	907-808-A002	(S)	513	Linear Feet	Joint Repair Without Epoxy
0150	907-823-A001		257	Linear Feet	Preformed Joint Seal, Type I
0160	907-824-PP006		9	Each	Bridge Repair, Cap Cleaning, Per Plans
0170	907-824-PP006		10	Each	Bridge Repair, End & Midspan Diaphragm Replacement, Per Plans
0180	907-824-PP006		9	Each	Bridge Repair, Install Girder Support and Angles, 40 Foot Spans, Per Plans
0190	907-824-PP006		9	Each	Bridge Repair, Install Girder Support Plates and Angles, 30 Foot Spans, Per Plans
0200	907-824-PP006		6	Each	Bridge Repair, Install Girder Support Plates and Angles, 60 Foot Spans, Per Plans
0210	907-824-PP006		1	Each	Bridge Repair, Install Girder Support Plates and Angles, Beam 60-5, Per Plans
0220	907-824-PP006		14	Each	Bridge Repair, Pile Repair Plate & Encasement, Per Plans
0230	907-824-PP006		10	Each	Bridge Repair, Remove Blast Plates from Span No. 3
0240	907-824-PP006		12	Each	Bridge Repair, Steel Riser & Bearing Assembly, Per Plans
0242	907-824-PP006		20	Each	Bridge Repair, Installation of Pile Connection Angles, Per Plans
0250	907-845-A001	(S)	1	Lump Sum	Coating Existing Structural Steel

# ADDENDUM

STATE	PROJECT NO.
MISS.	NHPP-0472-00(019)

DESCRIPTION OF SHEETS SPECIAL DESIGN SHEETS ~ BRIDGE DRAWINGS	WORKING NUMBER	SHEET NUMBER
DETAILED INDEX (BRIDGE)	DI-BR-1	8001
BRIDGE AT STATION 96+41.7 - US 80 OVER KCS R.R. - BRIDGE REPAIR	1 OF 7	8002
GIRDER SUPPORT PLATE DETAILS, 30 & 40 FOOT SPANS	2 OF 7	8003
BEAM 60-5 REPAIR PLANS	3 OF 7	8004
END & MIDSPAN DIAPHRAGM REPLACEMENT DETAILS	4 OF 7	8005
RISER REPLACEMENT DETAILS	5 OF 7	8006
PILE REPAIR PLATE AND ENCASEMENT DETAILS	6 OF 7	8007
JOINT REPAIR DETAILS	7 OF 7	8008

SPECIAL DESIGN SHEETS INFORMATION PLANS	WORKING NUMBER	SHEET NUMBER
INFORMATION ONLY PLAN		8009
INFORMATION ONLY PLAN		8010
INFORMATION ONLY PLAN		8011
INFORMATION ONLY PLAN		8012
INFORMATION ONLY PLAN		8013
INFORMATION ONLY PLAN		8014
INFORMATION ONLY PLAN		8015
INFORMATION ONLY PLAN		8016

BRIDGE DIVISION		
REVISIONS		
DATE	SHEET NO.	BY
10/21/20	8002, 8004	JDK
2/11/21	8002, 8007	JDK

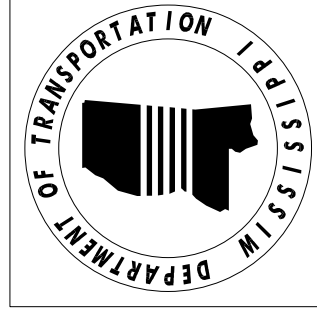
BY	
REVISION	
DATE	

MISSISSIPPI DEPARTMENT OF TRANSPORTATION  
 DETAILED INDEX (BRIDGE)  
 AT STATION 96+41.7

FMS: 108283 / 301000  
 COUNTY: NEWTON  
 PROJECT NUMBER: NHPP-0472-00(019)

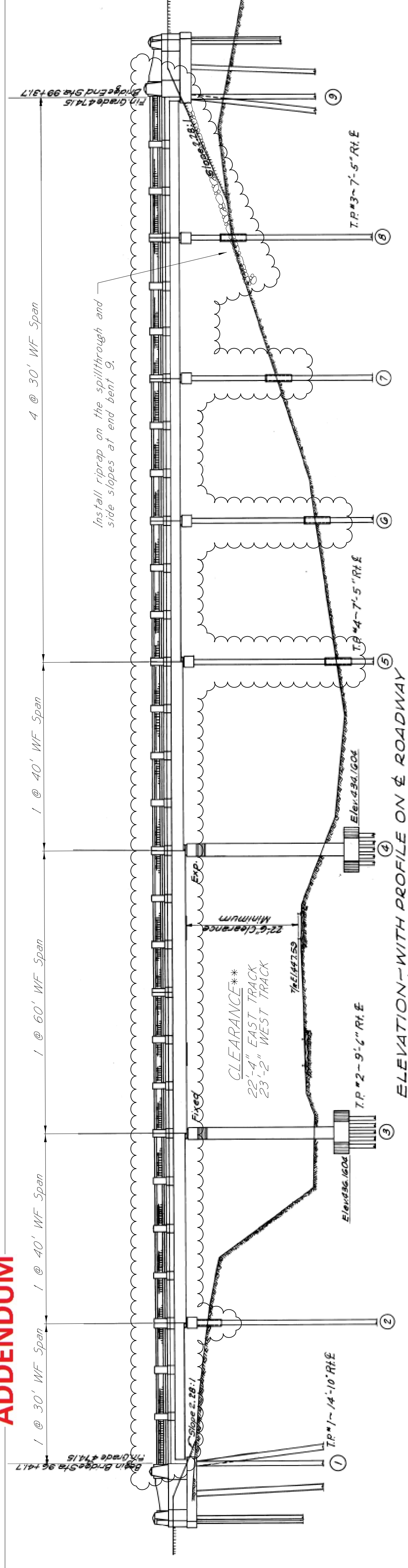
WORKING NUMBER  
**DI-BR-1**  
 SHEET NUMBER  
 8001

DESIGNER: JONATHAN KING  
 CHECKER: PAUL DEES  
 DATE: 07/17/2020  
 ISSUE DATE: 07/17/2020  
 PROJECT NUMBER: NHPP-0472-00(019)  
 COUNTY: NEWTON  
 PROJECT NUMBER: NHPP-0472-00(019)  
 STATE BRIDGE ENGINEER - SOUTH WESTFIELD, P.E.  
 DEPARTMENT OF TRANSPORTATION, MISSISSIPPI STATE BRIDGE ENGINEER - SOUTH WESTFIELD, P.E.





# ADDENDUM



\*\* Vertical clearances provided above shall be field verified and provided to MDOT by the Contractor prior to any construction.

### SEQUENCE OF CONSTRUCTION AND SCOPE OF WORK:

1. Install girder support plates and angles at 30, 40, and 60 foot spans as per the details on sheet nos. 8003-8004. Work shall be paid for per each girder repaired under pay items 907-824-PP006, Bridge Repair, Install Girder Support Plates and Angles, 30, 40, & 60 Foot Spans, Per Plans. See FIELD PAINT NOTE on this sheet (not separate pay item). Replace end and midspan diaphragms in Span 3 in accordance with sheet nos. 8004-8005. Only one diaphragm assembly shall be replaced at a time. The following procedure shall be followed for replacing diaphragm assemblies:
  - a. Install temporary bracing
  - b. Remove existing W16x36, and two C12x20.7.
  - c. Remove existing two L5x43x8.
  - d. Install web support plates, flange support angles, and vertical stiffeners in accordance with sheet nos. 8004-8005.
  - e. Install new W16x36 and C12x20.7.
2. This work shall be paid for per each full section of diaphragm replaced. Work shall be paid for under pay item no. 907-824-PP006, Bridge Repair, End & Midspan Diaphragm Replacement, Per Plans.
3. Remove blast plates from all beams in Span 3.
4. Replace risers in accordance with details on Sheet No. 8006
5. Remove concrete from steel pile encasements at the designated repair locations on sheet no. 8007.
6. Abrasive blast all structural steel members for the superstructure and substructure in accordance with these plans and special provisions. This item of work shall be included as part of lump sum pay item 907-845-A001.
7. Once abrasive blasting is complete, the prime coat shall be applied in accordance with these plans and special provisions. After applying the prime coat, pile repair plates and connection angles shall be installed in accordance with sheet no. 8007, and a prime coat shall also be applied to the finished pile repair plates and angles.
8. White pile repair plates and connection angles are being installed, the Contractor and Project Engineer shall inspect all primed components on the superstructure and substructure for section loss and follow the protocol described on this sheet regarding repairing members with section loss.
9. Apply the final two coats of paint to structural steel members in accordance with these plans and Special Provision 907-845. Work shall be paid for by lump sum under pay item 907-845-A001.
10. Restore removed steel pile encasements in accordance with sheet no. 8007. Work shall be paid for per each pile repaired under pay item 907-824-PP006, Bridge Repair, Pile Repair Plate & Encasement, Per Plans.

11. The details showing joint material and repair and reseat existing joints in accordance with item nos. 907-808-A002 and 907-823-A001.
12. Clean all bent caps in accordance with the notes on this sheet. Work shall be paid for per each cap cleaned under pay item 907-824-PP006, Bridge Repair, Cap Cleaning, Per Plans.
13. Install riprap on the spillthrough slope at end bent 9 in accordance with sheet no. 8003. Work shall be paid for per ton of riprap under pay item 815-A007.

### ESTIMATED BRIDGE QUANTITIES

PAY ITEM CODE	DESCRIPTION	UNIT	QUANTITY
815-A007	Loose Riprap, Size 300	TON	405
815-E001	Geotextile Under Riprap	SY	240
907-808-A002	Joint Repair Without Epoxy	LF	513
907-823-A001	Performed Joint Seal, Type I	LF	257
907-824-PP006	Bridge Repair, Cap Cleaning, Per Plans	EACH	9
907-824-PP006	Bridge Repair, Install Girder Support Plates and Angles, 30 Foot Spans, Per Plans	EACH	9
907-824-PP006	Bridge Repair, Install Girder Support Plates and Angles, 40 Foot Spans, Per Plans	EACH	9
907-824-PP006	Bridge Repair, Install Girder Support Plates and Angles, 60 Foot Spans, Per Plans	EACH	6
907-824-PP006	Bridge Repair, Install Girder Support Plates and Angles, Beam 60-5, Per Plans	EACH	1
907-824-PP006	Bridge Repair, Remove Blast Plates from Span No. 3	EACH	10
907-824-PP006	Bridge Repair, End & Midspan Diaphragm Replacement, Per Plans	EACH	10
907-824-PP006	Bridge Repair, Pile Repair Plate & Encasement, Per Plans	EACH	14
907-824-PP006	Bridge Repair, Steel Riser & Bearing Assembly, Per Plans	EACH	12
907-824-PP006	Bridge Repair, Installation of Pile Connection Angles, Per Plans	EACH	20
907-845-A001	Coating Existing Structural Steel	LS	1

### ABRASIVE BLASTING AND PAINTING NOTE:

All structure steel members of the superstructure and substructure shall be abrasive blasted as referenced in 907-845-03.7.6 of the required special provision, and repaired. Bottom flange of 60' beams in span no. 3 may be cleaned as referenced in 907-845-03.7.7 of the required special provision. The square footage of 13,068 sq. ft. given for these items is for information purposes only and is approximate and will not be measured for payment. Actual square footage may be more or less than given, but shall not be basis for additional compensation. Payment shall be made (Lump Sum) regardless of over-run or under-run of the given square footage. A containment system shall be required for this project. The Contractor shall design, install and maintain a containment system in accordance with the special provision to assure that the traveling public will not be exposed to construction debris and materials during the cleaning and painting process. The Contractor will be required to properly dispose of all debris at an approved landfill. Incidental work such as project clean up, debris disposal, and other incidental work necessary to complete the project will not be measured for separate payment and will be considered absorbed items.

### CAP AND BRIDGE DECK CLEANING NOTE:

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 water caps to the satisfaction of the Project Engineer. The pressure washers shall be able to maintain 3,500 PSI or pressure. Bridge deck and gutters shall be swept clean upon project completion. This shall be considered an absorbed item of work.

### NOTES ON REPAIRING MEMBERS WITH SECTION LOSS

Any section loss that is observed after abrasive blasting and applying a prime coat for any structural steel member shall be reported to the Project Engineer. The Project Engineer shall then notify the Director of Structures, State Bridge Engineer, who will develop a plan of action for addressing the section loss prior to applying the final two coats of paint.

### BEAM SUPPORT BRACKET SALVAGE NOTE (NOT A SEPARATE PAY ITEM):

The Contractor shall salvage the existing beam support brackets located at the riser replacement locations shown in these plans. Beam support bracket anchors may remain in place. The salvaged beam support brackets shall become the property of the Mississippi Department of Transportation. The Contractor shall exercise caution to avoid damaging beam support brackets during removal.

The beam support brackets shall be delivered to the MDOT Newton Maintenance Yard located at 7759 Highway 80 West, Newton, MS 39345. The Contractor is responsible for coordinating delivery with Jay Franklin, Assistant District Maintenance Engineer, at least 24 hours prior to delivery. The delivery shall be made Monday through Thursday from 7:00 am until 4:00 pm unless other mutual agreements are made. Office: 601-683-3341 Cell: 601-946-7820

### SPECIAL PROVISIONS REQUIRED:

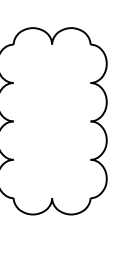
- 907-808: Joint Repair
- 907-823: Performed Joint Seal
- 907-845: Coating Existing Structural Steel

### INFORMATION PLANS:

Original proj. no. F.G.I. 004-2(6)  
See sheet nos. 8009-8016 of these plans.

### 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.



— Denotes limits of work for this contract

### GENERAL NOTES

1. Specifications: Mississippi Standard Specifications For Road and Bridge Construction, 2017
2. No change of plans will be permitted except by written approval of the Director of Structures, State Bridge Engineer.
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. Work for which no pay item is provided will not be paid for directly and shall therefore be considered an absorbed item of work.
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 new construction to ensure a proper fit with the existing structure.
6. 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.
7. During construction care shall be exercised to ensure that no debris fall into the railroad 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.

### CONTRACTOR SUBMITTALS

Prior to any construction or fabrication, the Contractor shall comply with the submittal requirements described on Note 1 under STRUCTURAL STEEL AND BOLT NOTES on sheet no. 8003. A list of the submittals described on sheet no. 8003 is as follows:

1. FIELD VERIFICATION SUBMITTAL
2. SHOP DRAWING SUBMITTAL
3. WELDING CERTIFICATION SUBMITTAL
4. TEMPORARY BRACING PLAN SUBMITTAL
5. JACKING PLANS SUBMITTAL

### RAILROAD NOTES

Railroad flagging for work between Bents 2-5 shall be required and additionally as required by KCS RR.  
The elevation of the existing top of rail profile shall be verified prior to beginning construction.  
The Contractor shall notify the Railroad 30 days prior to working in the railroad right-of-way for the purpose of scheduling flagging services from the railroad company. It is the Contractor's responsibility to obtain a flagging contract with the Railroad and to pay for all flagging services directly.  
The Contractor shall detail the method of protection of the ballast during paint removal and paint spray and/or coating operations to the Railroad prior to beginning of work.

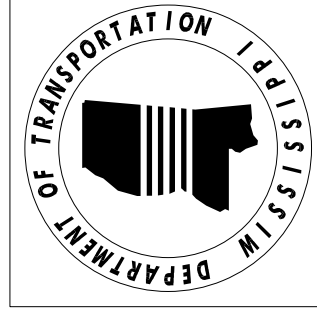
The Contractor shall be responsible for submitting plans for all work taking place within the Railroad's right-of-way for approval by the Railroad prior to beginning of work (allow a minimum of 30 days for review).  
The Contractor shall be responsible for all cost associated with compliance with the safety practices of the railroad. This includes attendance with compliance with the meetings, provision of personnel, equipment and provisions of means and methods of performing the work as required when working within the Railroad right-of-way and vertical and horizontal clearances during construction shall adhere to minimum temporary construction clearances requirements as specified by the Railroad.  
The Contractor shall submit construction staging plans to the Railroad for review and approval prior to any construction activities.  
The use of vibratory equipment to install or remove shoring or temporary bracing is strictly forbidden on the Railroad right-of-way.

All work on the Railroad right-of-way shall be subject to inspection by Railroad right-of-way.  
The Contractor shall be required to have a signed Right-of-Way, Entry Agreement from the Railroad prior to beginning work on the project.  
The Contractor shall submit to the Director of Structures, State Bridge Engineer and the railroad, detailed plans, and design data for temporary construction clearances, stages of construction, raisework plans, and temporary bracing plans and calculations, as required, and shall be sealed by a Mississippi registered Professional Engineer. All submittals must be approved by the railroad before construction can begin.  
The Contractor shall verify the station along U.S. 80 at the intersection of U.S. 80 and KCS Railroad prior to beginning work to ensure that all minimum clearance requirements will be provided.

DATE	REVISION	BY
2/17/21	REVISED PAY ITEMS, SCOPE OF WORK	JDK
10/21/20	REVISED PAY ITEMS	JDK

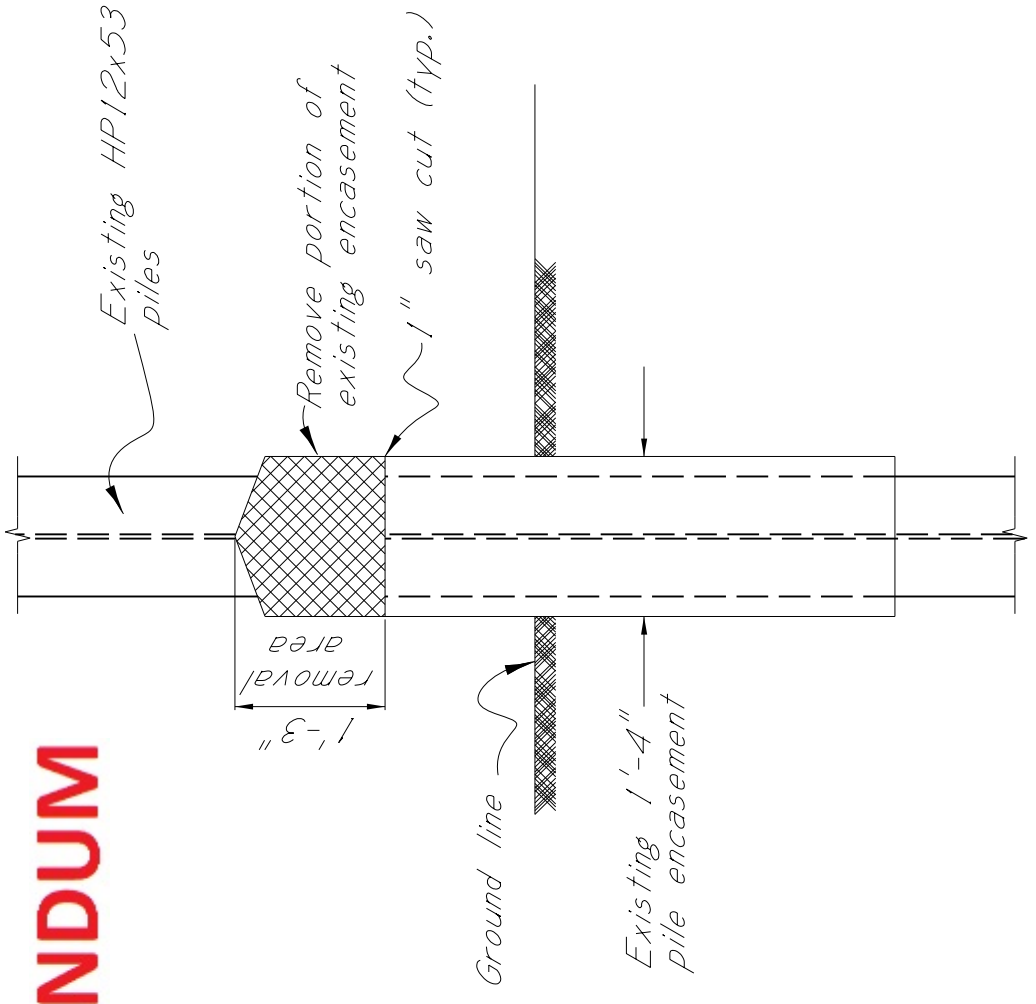
**MISSISSIPPI DEPARTMENT OF TRANSPORTATION**  
**BRIDGE 107.8 AT STA. 96+41.7**  
**US 80 OVER KANSAS CITY**  
**SOUTHERN RAILROAD**  
**BRIDGE REPAIR**  
 FMS:108283 / 301000  
 COUNTY: NEWTON  
 PROJECT NUMBER: NHPP-0472-00(019)  
 CHECKER: PAUL DEES  
 DESIGNER: JONATHAN KING  
 DATE: 07/20/2020  
 DETAILER: JONATHAN KING  
 PROJECT NO: NHPP-0472-00(019)  
 STATE: MISSISSIPPI  
 REP. DIR. OF STRUCTURES, MISS. STATE BRIDGE ENGINEER - SOUTH WESTFIELD, MS.

**WORKING NUMBER**  
**1 OF 7**  
**SHEET NUMBER**  
**8002**

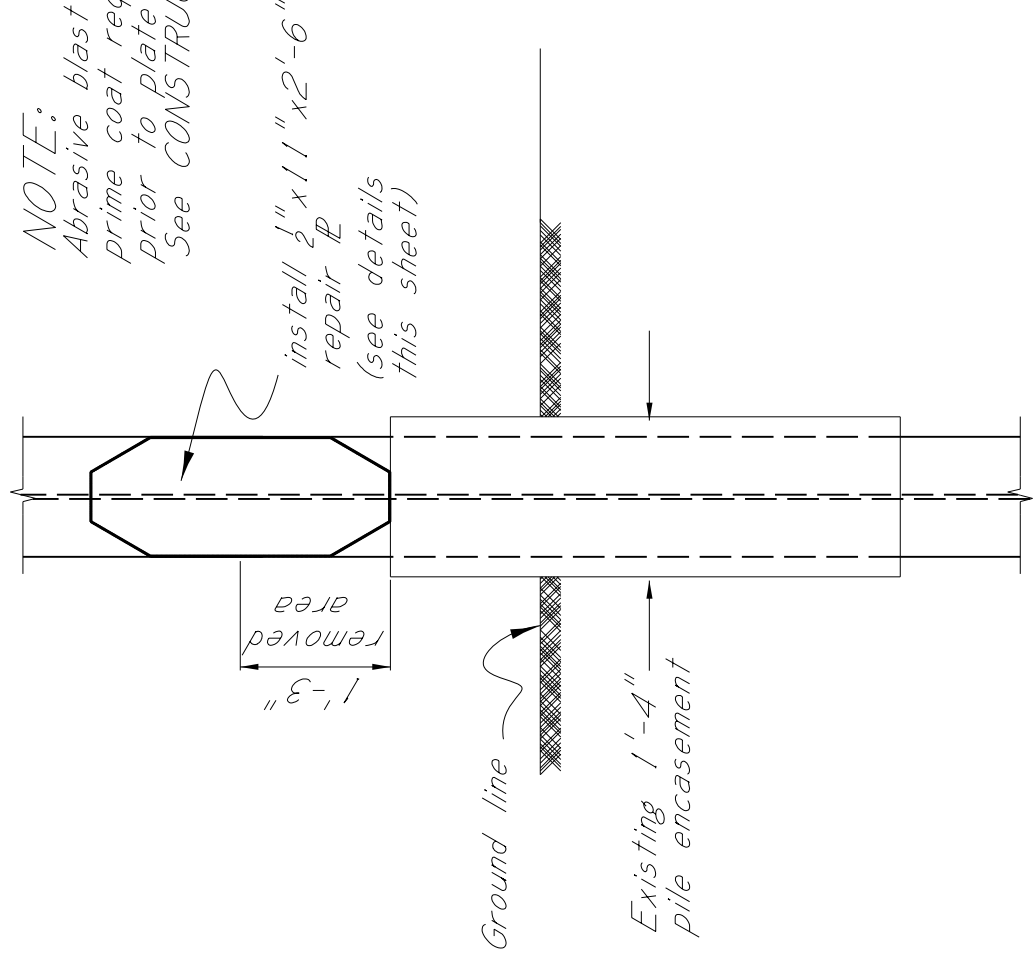




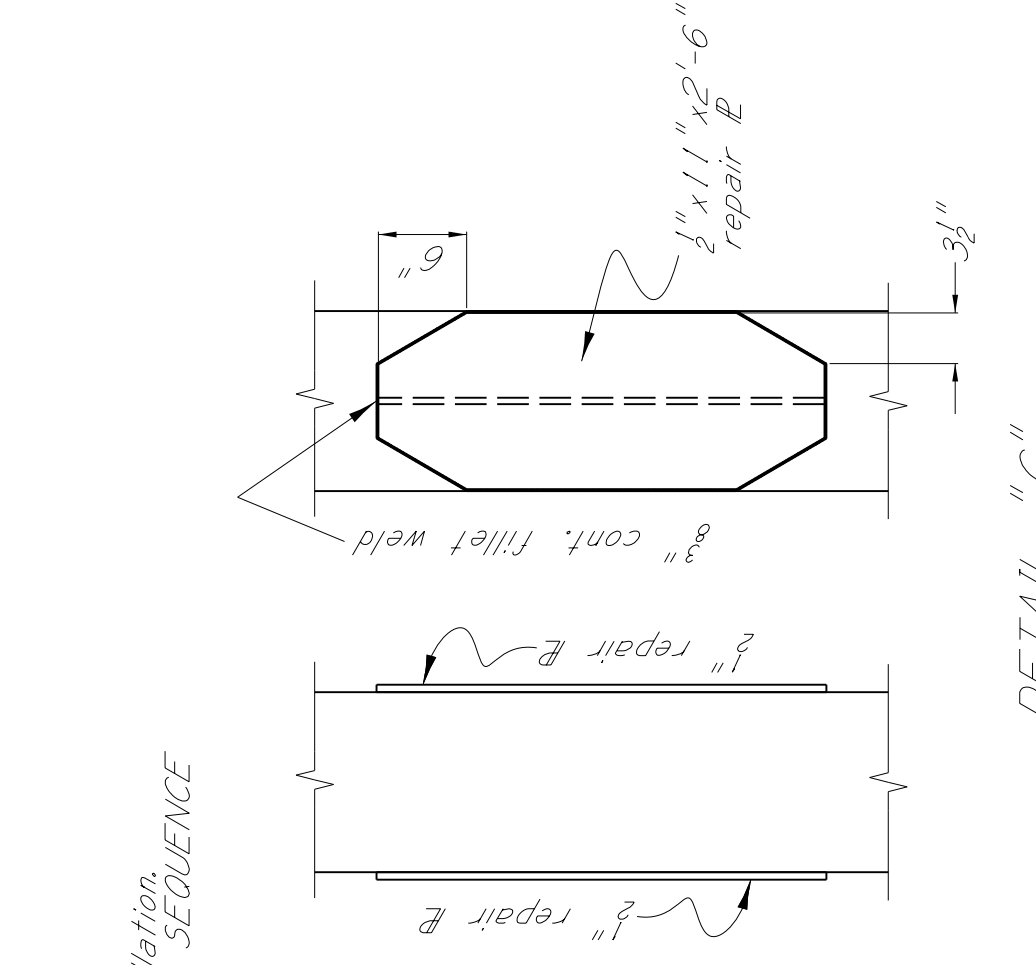
# ADDENDUM



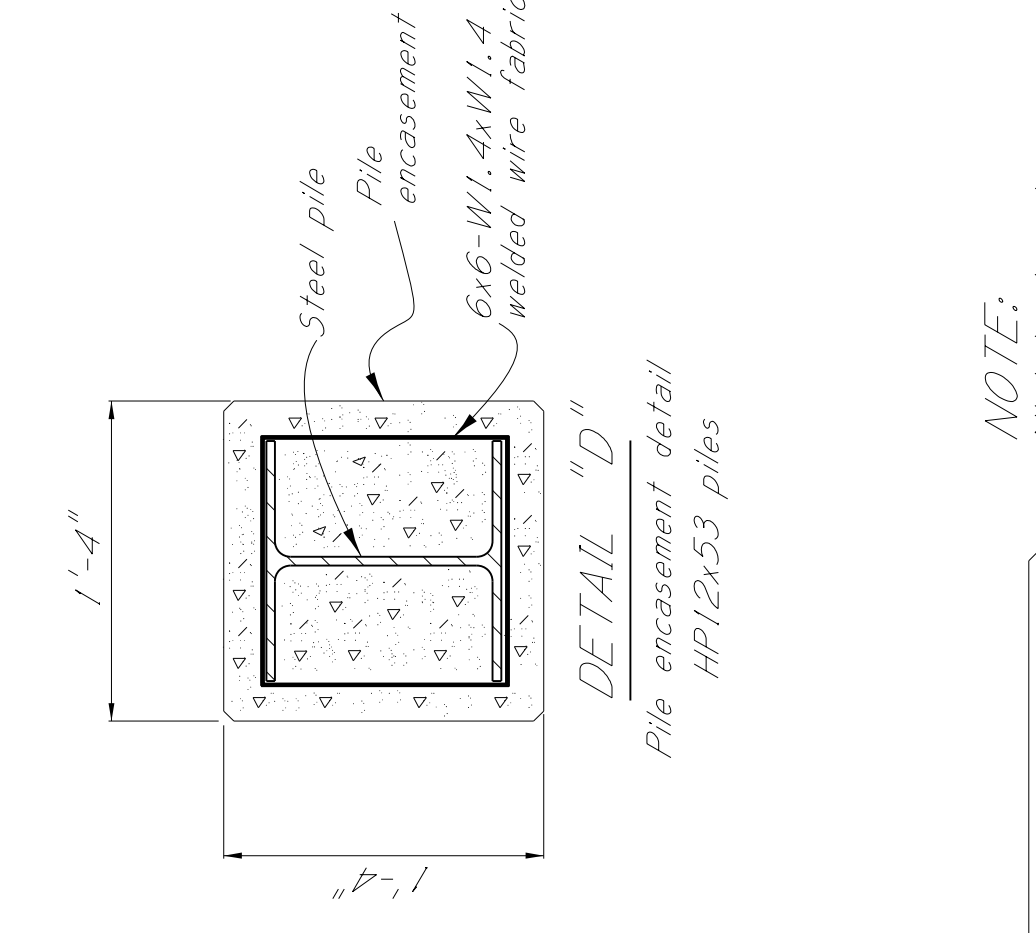
DETAIL "A"  
Elevation view of existing encasement



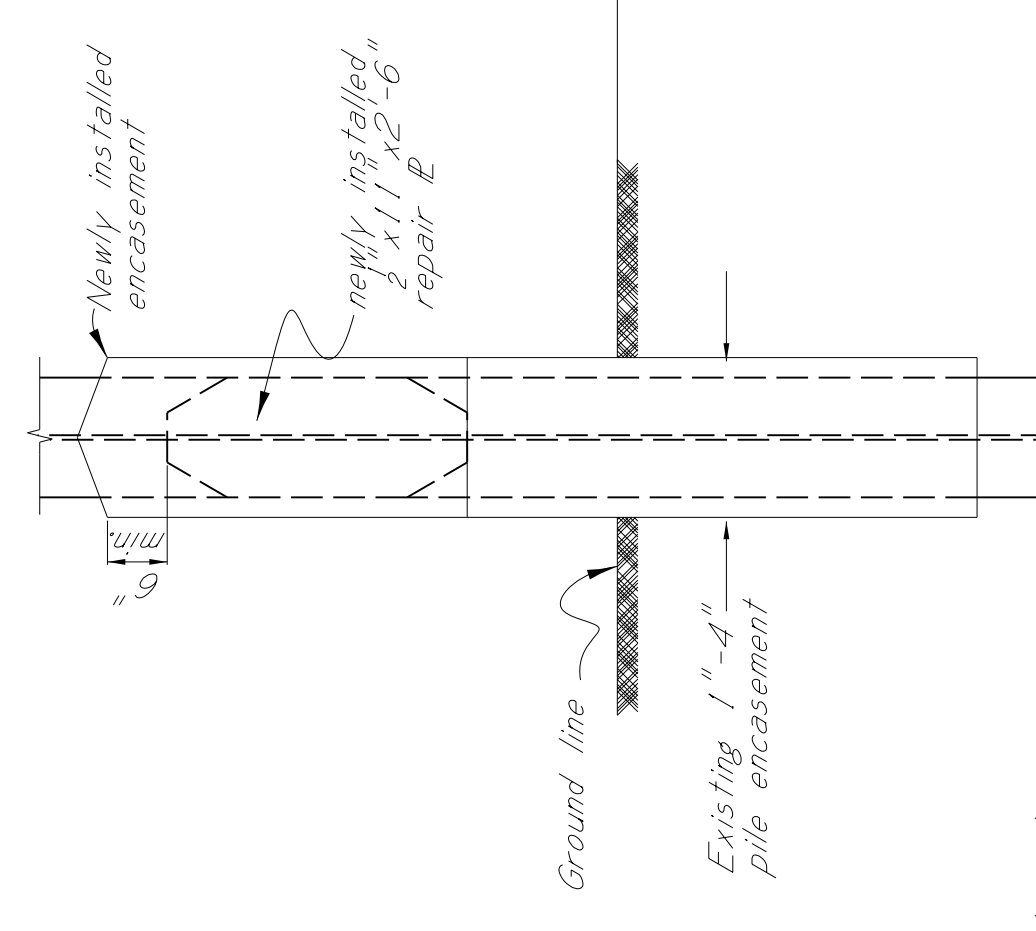
DETAIL "B"  
Elevation view of repair installation



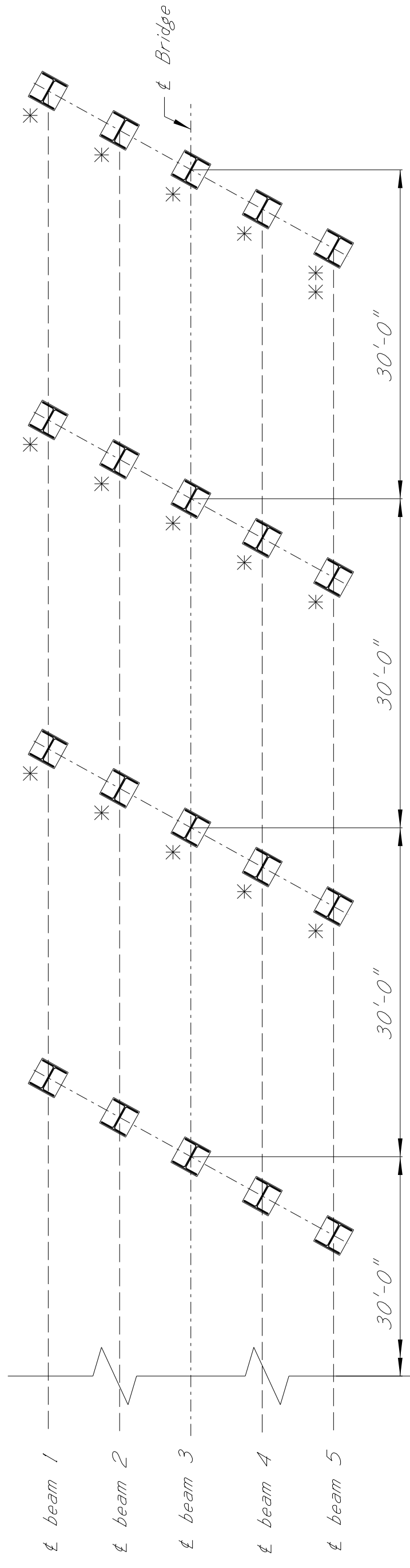
DETAIL "C"  
Pile repair detail HP12x53 piles



NOTE:  
All hole diameters in connection angle and cap shall be in accordance with Mechanical Anchors Manufacturer.

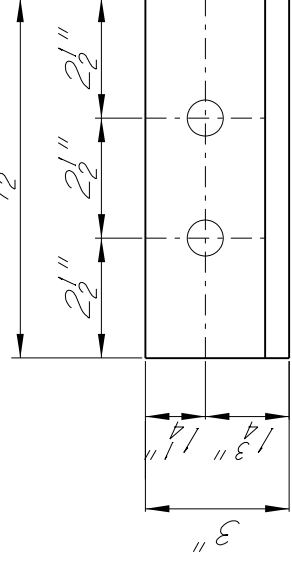


DETAIL "E"  
Elevation view of finished pile encasement

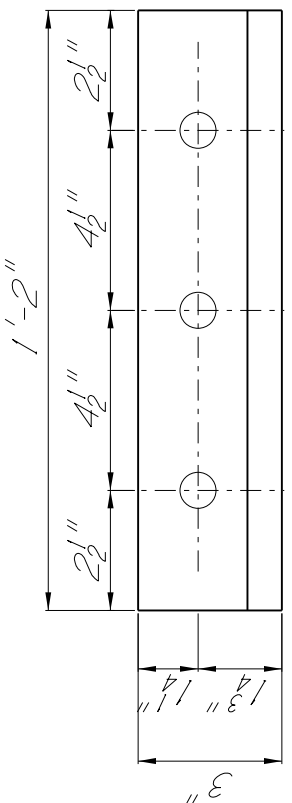


- Denotes pile connection angle repair location per details on this sheet.
- \* Denotes pile splice plate repair location
- \*\* Remove spalled concrete before painting

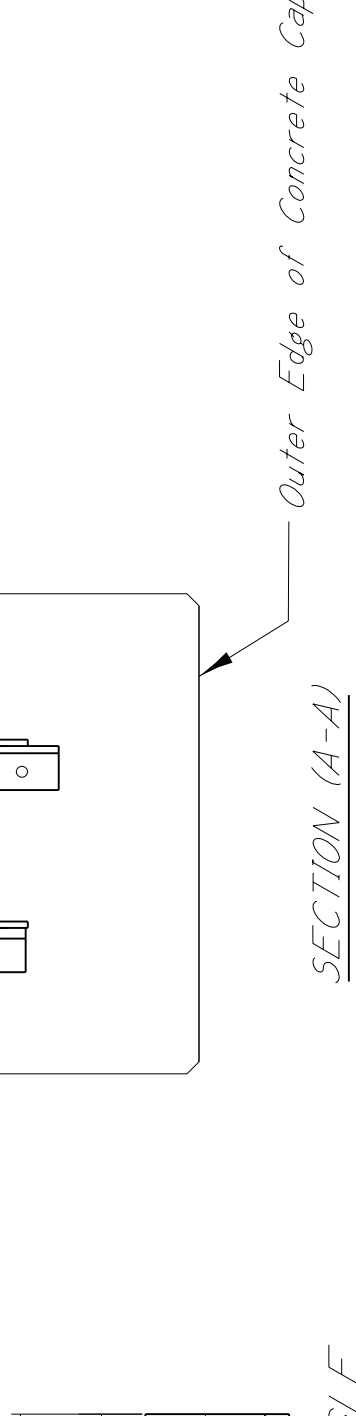
## PLAN VIEW OF PILE REPAIRS



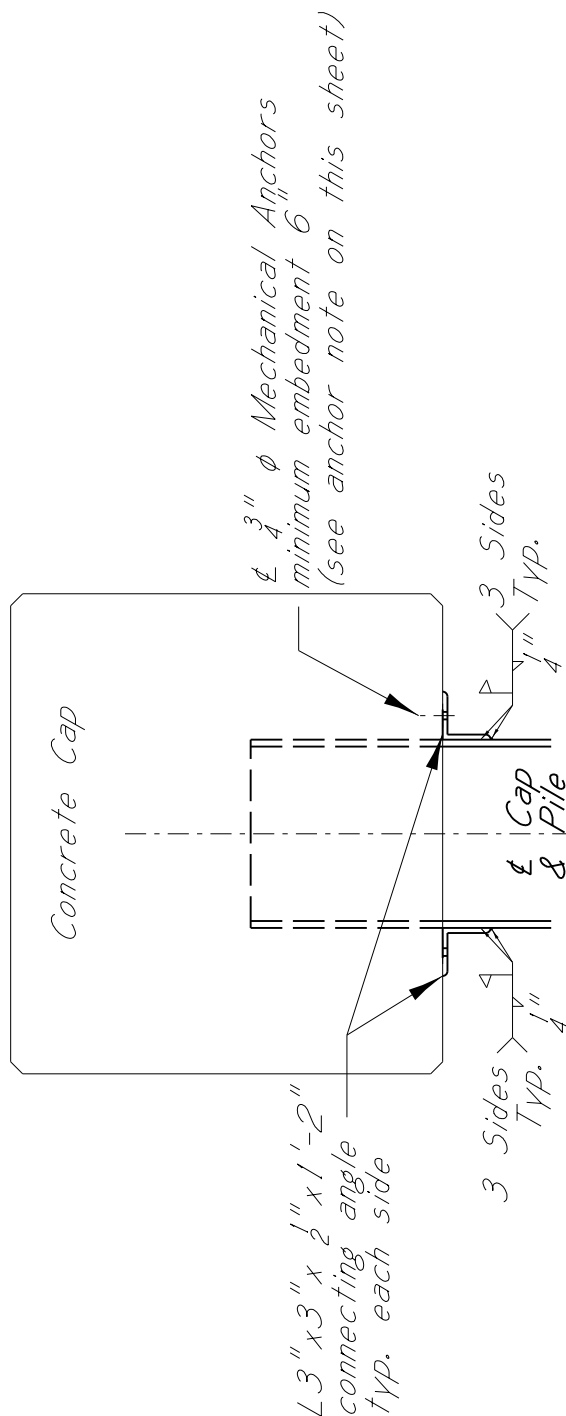
CONNECTING ANGLE  
L3" x 3" x 2" x 7/8"



CONNECTING ANGLE  
L3" x 3" x 2" x 1'-2"



STEEL PILE CONNECTING ANGLE DETAIL (EXTERIOR PILES)



STEEL PILE CONNECTING ANGLE DETAIL (INTERIOR PILES)

## MECHANICAL ANCHORING NOTE:

- Mechanical anchor shall be one of the following products:
  - Kwik HUS (KH) Carbon Steel Screw Anchors shall be as manufactured by Hilli, Inc. Tulsa, Oklahoma.
  - Titen HD shall be as manufactured by Simpson Strong-Tie Company, Inc. Edenton, North Carolina.
  - SCREW-BOLT shall be as manufactured by Powers Fasteners Brewster, New York.
- All components of the mechanical anchoring system shall be installed in strict accordance with the Manufacturer's directions.
- A representative of the Manufacturer must be present for sufficient time to assure that the Contractor is properly schooled in the mechanical anchors.

## CONSTRUCTION SEQUENCE

- Saw cut and remove encasement section as shown on Detail "A" of this sheet. All saw cuts shall be considered absorbed items of work. Removal of concrete encasement shall be performed with 30 lb hammers. All existing reinforcement shall remain in place. Any damage that occurs to the existing structure or reinforcement shall be repaired by the Contractor to the satisfaction of the Engineer at no additional cost to the State.
- Abrasive blast and apply prime coat to steel piles. See ABRASIVE BLASTING AND PAINTING note on sheet no. 8002.
- Install pile repair plates as shown in Details "B", "C", and "D" on this sheet.
- The Contractor and Project Engineer shall inspect all primed components for section loss and follow the protocol described on sheet no. 8002 under NOTES ON REPAIRING MEMBERS WITH SECTION LOSS.
- Install new pile encasement as shown on Detail "E" of this sheet.
- Any surrounding area that is disturbed in order to accomplish this work shall be restored to its original condition. There will be no separate payment for this work and shall be considered absorbed items of work.

DATE	REVISION	BY	CHK
2/11/21	REMOVED TEXT		

FMS: 108283 / 301000  
 COUNTY: NEWTON  
 PROJECT NUMBER: NHPP-0472-00(019)  
 DESIGNER: JONATHAN KING  
 CHECKER: PAUL DEES  
 DETAILED BY: JONATHAN KING  
 ISSUE DATE: 07/07/2020  
 PROJECT: BRIDGE AT STA. 96+41.7  
 COUNTY: NEWTON  
 PROJECT NUMBER: NHPP-0472-00(019)  
 STATE: MISSISSIPPI  
 ENGINEER: JONATHAN KING  
 LICENSE NUMBER: 10000  
 SOUTH WESTFIELD, DE.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION  
 BRIDGE AT STA. 96+41.7  
 PILE REPAIR PLATE  
 AND ENCASEMENT DETAILS

WORKING NUMBER: 6 OF 7  
 SHEET NUMBER: 8007



VIEW OF CAP AND PILES LOOKING EASTBOUND

