

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.	_____	DATED	_____	ADDENDUM NO.	_____	DATED	_____
ADDENDUM NO.	_____	DATED	_____	ADDENDUM NO.	_____	DATED	_____

Number	Description
1	Revised Table of Contents; Added Notice to Bidder No. 480; Revised Notice to Bidder No. 5952; Added Notice to Bidder No. 5953; 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-0836-00(016)/ 109498301000
 Panola County(ies)

Revised 01/26/2016

**MISSISSIPPI DEPARTMENT OF TRANSPORTATION
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PROJECT: STBG-0836-00(016)/109498301 - Panola

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

06/19/2024 04:21 PM

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904 - NOTICE TO BIDDERS NO. 480

CODE: (SP)

DATE: 11/09/2017

SUBJECT: Bridge Repair Permits (Nationwide Permit No. 3)

The Department has acquired [Nationwide Permit General Conditions and Special Conditions, Nationwide Permit No. 3](#), for repair and maintenance of bridge(s).

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>

Securing a permit(s) for the filling of any other regulated site, the purpose of which is temporary construction for the convenience of the Contractor, shall be the responsibility of the Contractor.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904 -NOTICE TO BIDDERS NO. 5952

CODE: (SP)

DATE: 06/20/2024

SUBJECT: Scope of Work

PROJECT: STBG-0836-00(016) / 109498301 - Panola County

The contract documents do not include an official set of construction plans but may, by reference, include some Standard Drawings when so specified in a Notice to Bidders entitled, "Standard Drawings".

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.

It shall be the responsibility of the Contractor to protect the existing structure from damage which might occur during construction. The Contractor shall replace or repair, as directed by the Engineer, any structures damaged by the Contractor during the life of the contract. No payment will be made for replacement or repair of damaged items.

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. The Contractor shall verify all dimensions of the existing structure prior to beginning work.

During construction, care shall be exercised to ensure that no debris falls into the hydraulic crossings below the structure. All debris, including any material that has accumulated on the bridge deck or caps, shall become the property of the Contractor and shall be removed from the construction site and disposed of properly.

Work on the project shall consist of the following bridge repairs on Bridge 41.9 (13773) on SR 322 over Panola & Quitman Floodway.

Scope of Work Bridge 41.9 (13773)

- Repair concrete spalled locations using epoxy mortar in accordance with the notes in this document and the details and locations on the attached Drawings.
- Install preformed joint seals at all intermediate bents.
- Install Polymer Cement Surface System (PCSS) over entire bridge deck.
- Extend pile encasements at the locations specified in the attached Drawings.
- Abrasive blast all structural steel in the superstructure and substructure and apply three coats of paint in accordance with Special Provision 907-845: Coating Existing Structural Steel.

- Epoxy inject voids between top of girder and bottom of deck for all beams in spans 3 & 6.
- Clean all caps

Polymer Cement Surface System

The patterning of the polymer cement surface system (PCSS) shall be one of the following types:

1. Raised Checkerboard Pattern
2. Raised Hexagonal Pattern
3. Raised Staggered Hexagonal Pattern

The pattern shall be submitted to the Engineer for approval prior to any work being performed and in accordance with the details shown in the attached Drawings. This work will be paid for under pay item 907-417-A001: Polymer Cement Surface System.

Joint Sealing

Only the joints at intermediate bents shall be repaired and resealed. It should be noted that all joint armor at intermediate bents 3 through 7 is to remain in place. The joint repair shall include removal of all existing joint material and other necessary work per the included drawings or as instructed by the Engineer. This item of work is to be paid for under pay item 907-808-A002: Joint Repair.

After the existing joint material has been removed, the joints at intermediate bents no. 2 & 8 shall then be saw cut as per the Joint Repair Drawings. Saw cuts will be paid for under pay item 907-823- B001: Saw Cut, Type I.

After the existing joint material has been removed, the joints shall then be sealed by one of the three approved Manufacturers listed in Special Provisions 907-823 and installed according to the Manufacturer's specifications. This item of work is to be paid for under pay item 907-823-A001: Preformed Joint Seal, Type I.

Cap Cleaning:

Cap cleaning shall be performed in accordance with Subsection 907-824.03.3. This item of work shall be paid for under pay item 907-824-C001: Cap Cleaning.

General Epoxy Repairs:

General epoxy repair shall be performed in accordance with Subsection 907-824.03.1 and with the approved materials outlined in Subsection 907-824.02.1. All work and material required to perform this item of work shall be paid for under pay item 907-824-A003: General Epoxy Repair.

This item shall be bid such that this item may be increased, decreased, or eliminated as directed by the Project Engineer.

Epoxy Injection Repairs:

All voids between the bottom of bridge deck and top flange of all girders in spans 3 & 6 shall be cleaned with a high velocity filtered air jet and injected with an MDOT approved epoxy resin adhesive. All voids 1/4" or larger shall be injected with an approved epoxy resin adhesive of the

gel type. For estimating purposes, twenty feet (25') of girder (at midspan) was assumed to require epoxy injection.

During the epoxy injection, traffic shall be removed from travel lane above the girders.

A representative of the epoxy manufacturer must be present for sufficient time to ensure that the Contractor is properly schooled in the use of the epoxy material.

Epoxy resin adhesive shall be installed in strict accordance with the manufacturer's recommendations. Curing time shall be in accordance with manufacturer's recommendations.

After epoxy injection is complete, all injection ports shall be removed.

Cost of all labor and miscellaneous material necessary to complete the epoxy injection repairs to the existing voids shall be paid for on a linear foot basis under pay item 907-824-E001: Epoxy Injection.

Abrasive Blasting and Painting

All structural steel members shall be abrasive blasted, as referenced in Subsection 907-845.03.7.6, of the required special provision and repainted. The square footage of 30,000 sq. ft. given for this item is for information purposes only and is approximate and will not be measured for payment. Payment shall be made by 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.

Any section loss that is observed after abrasive blasting and applying a prime coat for any other 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.

Pile Encasement Repair

Pile encasements shall be extended in accordance with the notes in this section and the details and locations shown in the attached Drawings. Pile encasements shall be extended with Class "AA" concrete. Excavation required to extend the pile encasement below the groundline as well as clearing any conflicting debris shall be considered an absorbed item under pay item 907-824-PP006: Bridge Repair, Pile Encasement, Per Plans.

All repairs to existing pile encasements shall be done with an approved epoxy mortar. Prior to construction, technical data for the epoxy mortar shall be submitted for approval through the Project Engineer. General epoxy repair shall be performed in accordance with Subsection 907-824.03.1 and with the approved materials outlined in Subsection 907-824.02.1. Class "AA" concrete required to extend the pile encasement shall be considered an absorbed item of work under pay item 907-824-PP006: Bridge Repair, Pile Encasement, Per Plans. Pile encasement shall be reinforced with 6 x 6 W1.4 xW1.4 welded wire fabric weighing 0.21 lbs per sq. ft. (not a separate pay item).

De-Watering/Water Diversion/Construction Phasing Plan for Pile Encasements:

Prior to any construction, the Contractor shall provide a de-watering/water diversion/construction phasing plan for pile encasements to the Director of Structures, State Bridge Engineer through the Project Engineer for approval. Construction phasing for the pile encasements shall be phased where the impact to the hydraulic flow is minimized. All materials and labor associated with de-watering/water diversion/construction phasing plan for pile encasements shall be absorbed into pay item 907-824-PP006 Bridge Repair, Pile Encasement, Per Plans.

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 herein. This shall include, but is not limited to:

- a. Existing ground line for pile encasement extensions.
- b. Voids between girders and deck at spans 3 & 6.
- c. Any element that will affect the work items described herein

CONTAINMENT PLAN SUBMITTAL:

The Contractor shall submit a containment plan associated with the work items described in these plans.

POLYMER CEMENT SURFACE SYSTEM PATTERN SUBMITTAL:

The Contractor shall submit a proposed pattern plan prior to beginning work to be approved by the Director of Structures, State Bridge Engineer

PAINT SCHEDULE SUBMITTAL:

The Contractor shall submit a painting schedule for the third party inspector prior to the preconstruction conference.

Special Provisions

907-417: Polymer Cement Surface System

907-808: Joint Repair

907-823: Preformed Joint Seal

907-824: Routine Bridge Repair

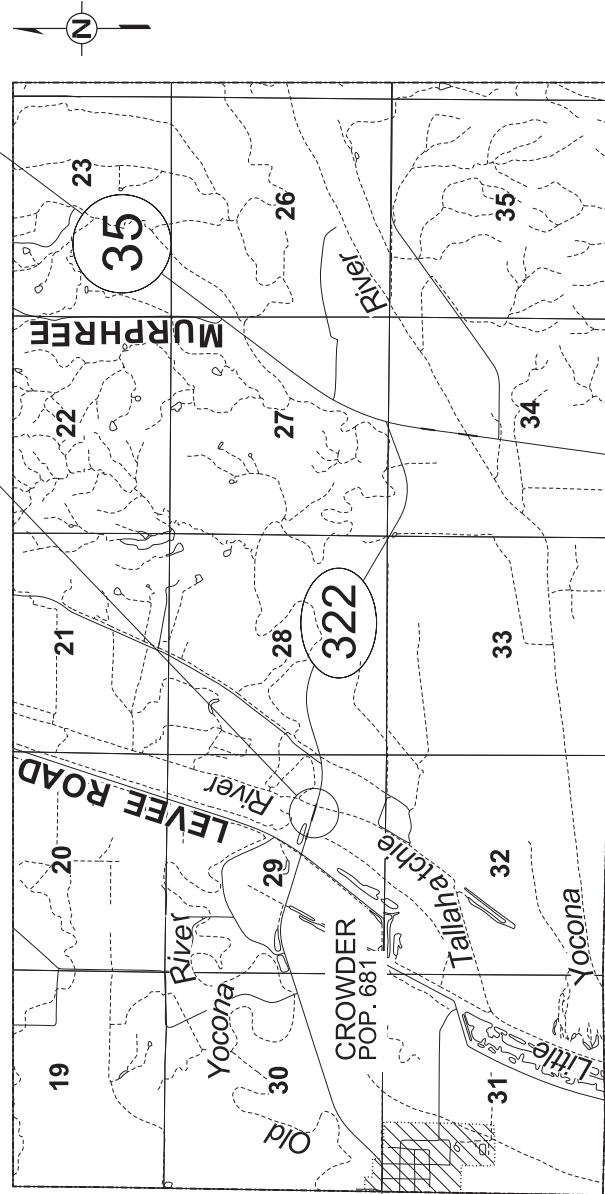
907-845: Coating Existing Structural Steel

Traffic Control Plan

The Contractor shall erect and maintain construction signing and provide all signs and traffic handling devices necessary to safely maintain traffic around or through the work areas in accordance with the Traffic Control Plan. Payment shall be included in the price bid for pay item No. 618-A001: Maintenance of Traffic.

STATE OF MISSISSIPPI
MISSISSIPPI DEPARTMENT OF TRANSPORTATION
PLAN AND PROFILE OF
PROPOSED STATE HIGHWAY
FEDERAL AID PROJECT NO. STBG-0836-00(016)

SR 322 over Panola Quitman Flood (41.9)
PANOLA COUNTY



GENERAL INDEX	
INCLUDED PROJECT	BEGIN SHEET
<input checked="" type="checkbox"/> ROADWAY.....	1
<input type="checkbox"/> PERMANENT SIGNS.....	1001
<input type="checkbox"/> TRAFFIC SIGNALS.....	2001
<input type="checkbox"/> ITS COMPONENTS.....	3001
<input type="checkbox"/> LIGHTING.....	4001
<input type="checkbox"/> (RESERVED).....	5001
<input checked="" type="checkbox"/> ROADWAY STD. DWGS.....	6001
<input type="checkbox"/> BOX CULVERT STD. DWGS (LRFD).....	7001
<input type="checkbox"/> BOX CULVERT STD. DWGS (STD. SPEC.).....	7501
<input checked="" type="checkbox"/> BRIDGE.....	8001
<input type="checkbox"/> CROSS SECTIONS.....	9001

BRIDGE STRUCTURES REQ'D.
 NONE

BOX BRIDGES REQ'D.
 NONE

CONVENTIONAL SYMBOLS	
	COUNTY LINE
	TOWN CORP LINE
	SECTION LINE
	DEED LINE
	EXISTING ROADWAY
	PROPOSED ROADWAY
	RAILROAD
	BRIDGES

LENGTH DATA			
LENGTH OF ROADWAY	FT.	MI.	
LENGTH OF BRIDGES	FT.	MI.	
LENGTH OF PROJECT (NET)	FT.	MI.	
LENGTH OF EXCEPTIONS	FT.	MI.	
LENGTH OF PROJECT (GROSS)	FT.	MI.	

EQUATIONS
 NONE

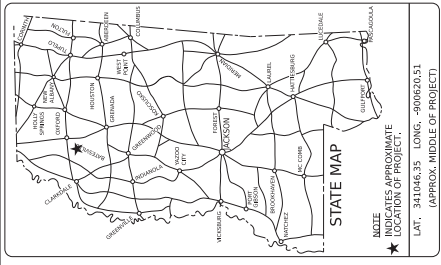
EXCEPTIONS
 NONE

SCALES
 PLAN 1 IN. = 100 FT.
 PROFILE 1 IN. = 10 FT.
 LAYOUT 1 IN. = 10 FT.



P S & E DATE: 5/15/2024
 APPROVED:

DEPUTY EXECUTIVE DIRECTOR / CHIEF ENGINEER
 EXECUTIVE DIRECTOR



DESIGN CONTROL	
ADT () =	: ADT () =
DHW =	: D = % T = %

PERMITS ACQUIRED BY MDT	
WETLANDS AND WATERS PERMITS	1
WATERS WETLANDS	1
NATIONWIDE #14	0
NATIONWIDE (OTHER)*	0
GENERAL*	0
INDIVIDUAL (404)*	0
STORMWATER PERMIT	0
REQUIRED, CNOI SUBMITTED BY CONTRACTOR	0
REQUIRED, SCNOI TO BE SUBMITTED BY S CONTRACTOR (1 TO 4.99 ACRES)	0
NO STORMWATER PERMIT REQUIRED (<1 ACRE)	0

APPROVED BY:

CONSTRUCTION PROJECT DATA	
EXTERNAL PROJECT NUMBER	STBG-0836-00(016)
FMS & DETAIL	109498(301)016

DESIGNED BY: GREEN

Notice to Bidders No. 5055

Cont'd.



DESIGNED BY: GREEN
 DETAILED BY:
 CHECKED BY:
 DATE:

FMS CON: 109498/301000
 PROJECT NO.: STBG-0836-0001(1)
 COUNTY: PANOLA

8 - Notice to Bidders No. 5952 -- Cont'd

SHEET ID: REV-1
 SHEET NO.: 3

SUMMARY OF REVISIONS

DATE	1st ORDER	ADDENDUM	2nd ORDER	BY	WK. NO.	DESCRIPTION



DESIGNED BY: GREEN
DETAILED BY:
CHECKED BY:
DATE:

FMS CON: 109498/301000
PROJECT NO.: STBG-0836600016
COUNTY: PANOLA

9 - Notice to Bidders No. 5952 -- Cont'd

WK. NO. 621
SHEET NO. 4

GENERAL NOTES

BRIDGES AND WALLS

- (1) ALL BRIDGE JOINTS SHALL BE SEALED PRIOR TO OPENING THE BRIDGES TO TRAFFIC.
- (2) STORAGE OF FLAMMABLE MATERIALS WILL NOT BE ALLOWED UNDER ANY BRIDGE STRUCTURES WITHOUT WRITTEN APPROVAL FROM THE PROJECT ENGINEER. SEE NOTICE TO BIDDERS ENTITLED "MATERIAL STORAGE UNDER BRIDGES" FOR MORE INFORMATION.

DRAINAGE STRUCTURES

- (3) THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING EXISTING STRUCTURES SUCH AS, BUT NOT LIMITED TO, PIPES, INLETS, APRONS, AND BRIDGES FROM DAMAGE WHICH MIGHT OCCUR DURING CONSTRUCTION. THE CONTRACTOR SHALL REPLACE OR REPAIR, AS DIRECTED BY THE ENGINEER, ANY STRUCTURES DAMAGED DURING THE LIFE OF THE CONTRACT. NO PAYMENT WILL BE MADE FOR REPLACEMENT OR REPAIR OF DAMAGED ITEMS.

ENVIRONMENTAL & CLEARING

- (4) NO TEMPORARY CULVERT STREAM CROSSINGS WILL BE ALLOWED.

PAVEMENT, BASE, AND SHOULDERS

- (5) THE CONTRACTOR SHALL REPAIR ANY DAMAGE TO THE PAVED OR UNPAVED SHOULDER THAT MIGHT OCCUR DURING CONSTRUCTION. ANY REPAIR TO SHOULDER WILL BE IN ACCORDANCE WITH THE APPLICABLE SECTIONS OF *THE MISSISSIPPI STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION*. NO PAYMENT WILL BE MADE FOR REPAIR OF DAMAGED SHOULDER.

PLANS

- (6) ALL ADDENDA TO THESE PLANS WILL BE POSTED TO WWW.MDOT.MS.GOV UNDER THE PROPOSAL ADDENDA COLUMN. BIDDERS ARE ADVISED THAT HARD COPIES OF ANY ADDENDA FOR THIS PROJECT WILL NOT BE MAILED. IT IS THE BIDDER'S RESPONSIBILITY TO CHECK AND SEE IF ANY ADDENDA HAVE BEEN POSTED FOR THIS PROJECT.
- (7) SEE BRIDGE PLANS FOR DETAILED INDEX SHEET(S), ESTIMATED AND SUMMARY OF QUANTITY SHEETS, AND EROSION CONTROL SHEETS.

TRAFFIC CONTROL - TEMPORARY

- (8) THE LOCATION AND SPACING OF SIGNS, SHOWN ON THE TRAFFIC CONTROL PLANS, ARE APPROXIMATE AND MAY BE ADJUSTED AS NECESSARY TO FIT FIELD CONDITIONS.
- (9) ALL TRAFFIC CONTROL DEVICES ON THIS PROJECT SHALL COMPLY WITH PART VI OF THE *MUTCD* (LATEST EDITION).
- (10) ALL PLASTIC DRUMS SHALL HAVE A BALLASTING COLLAR MADE FROM RECYCLED TRUCK TIRES OR OTHER SUITABLE MATERIAL.
- (11) FLUORESCENT ORANGE SHEETING SHALL BE USED ON ALL CONSTRUCTION AND TRAFFIC CONTROL SIGNS EXCEPT FOR THOSE DESIGNATED ON THE PLANS TO BE BLACK LEGEND AND BORDER ON WHITE BACKGROUND.
- (12) THE CONTRACTOR SHALL COORDINATE WITH THE CONTRACTOR FROM ADJACENT PROJECT(S) IN IMPLEMENTING THE TRAFFIC CONTROL PLAN AS DIRECTED BY THE ENGINEER. ALL CONFLICTING SIGNS SHALL BE COVERED OR REMOVED AS DIRECTED BY THE ENGINEER.
- (13) THE CONTRACTOR SHALL COVER OR REMOVE ANY TEMPORARY TRAFFIC CONTROL SIGNS SHOWN IN THE TRAFFIC CONTROL PLAN THAT DO NOT APPLY TO THE CURRENT PHASE.
- (14) THE RETROREFLECTIVE SIGN SHEETING ON RIGID, TEMPORARY TRAFFIC CONTROL (ORANGE) SIGNS SHALL BE MINIMUM TYPE IX.
- (15) TEMPORARY STRIPING SHALL CONFORM TO FINISHED STRIPE SPECIFICATIONS FOR ALIGNMENT, NEATNESS, AND STRAIGHTNESS.

MISCELLANEOUS

- (16) SOME WORK IS REQUIRED OUTSIDE THE PROJECT LIMITS. NO ADDITIONAL COMPENSATION WILL BE MADE FOR SUCH WORK EXCEPT AS PROVIDED BY SPECIFIC PAY ITEMS INCLUDED IN THE PLANS.
- (17) THE CONTRACTOR SHALL COORDINATE AND CONDUCT WORK AT LOCAL ROADS AND DRIVEWAYS IN A MANNER SUCH THAT ACCESS IS NOT INTERRUPTED UNNECESSARILY. ACCESS SHALL BE PRESERVED IN THE BEST MANNER POSSIBLE. COORDINATION AND COMMUNICATION WITH LANDOWNERS MAY BE NECESSARY TO PREVENT INTERRUPTION OF DRIVEWAY ACCESS.
- (18) THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING AT LEAST ONE LANE ON THE BRIDGE OPEN TO TRAFFIC FOR THE DURATION OF THE PROJECT. THIS INCLUDES PROHIBITING THE STORAGE OF MATERIALS AND EQUIPMENT ON THE BRIDGE AT NIGHT. THE USE OF TEMPORARY TRAFFIC SIGNALS WILL BE ALLOWED.



DESIGNED BY: GREEN
 DETAILED BY:
 CHECKED BY:
 DATE:

FMS CON: 109498/301000
 PROJECT NO.: STBG-0836-0010
 COUNTY: PANOLA

Notice to Bidders No. 5952 -- Cont'd

SHEET NO. 5
 SHEET NO. 5

SUMMARY OF QUANTITIES (SHEET 1)

PAY ITEM NO.	PAY ITEM	UNIT	PANOLA : 109498-301000	
			Prelim	Final
618-A001	Maintenance of Traffic	LS	1	
619-A1002	Temporary Traffic Stripe, Continuous White	LF	880	
619-A2002	Temporary Traffic Stripe, Continuous Yellow	LF	880	
619-D1001	Standard Roadside Construction Signs, Less than 10 Square Feet	SF	16	
619-D2001	Standard Roadside Construction Signs, 10 Square Feet or More	SF	80	
619-G4001	Barricades, Type III, Double Faced	LF	12	
620-A001	Mobilization	LS	1	
626-C001	6" Thermoplastic Double Drop Edge Stripe, Continuous White	LF	880	
626-E002	6" Thermoplastic Double Drop Traffic Stripe, Continuous Yellow	LF	880	



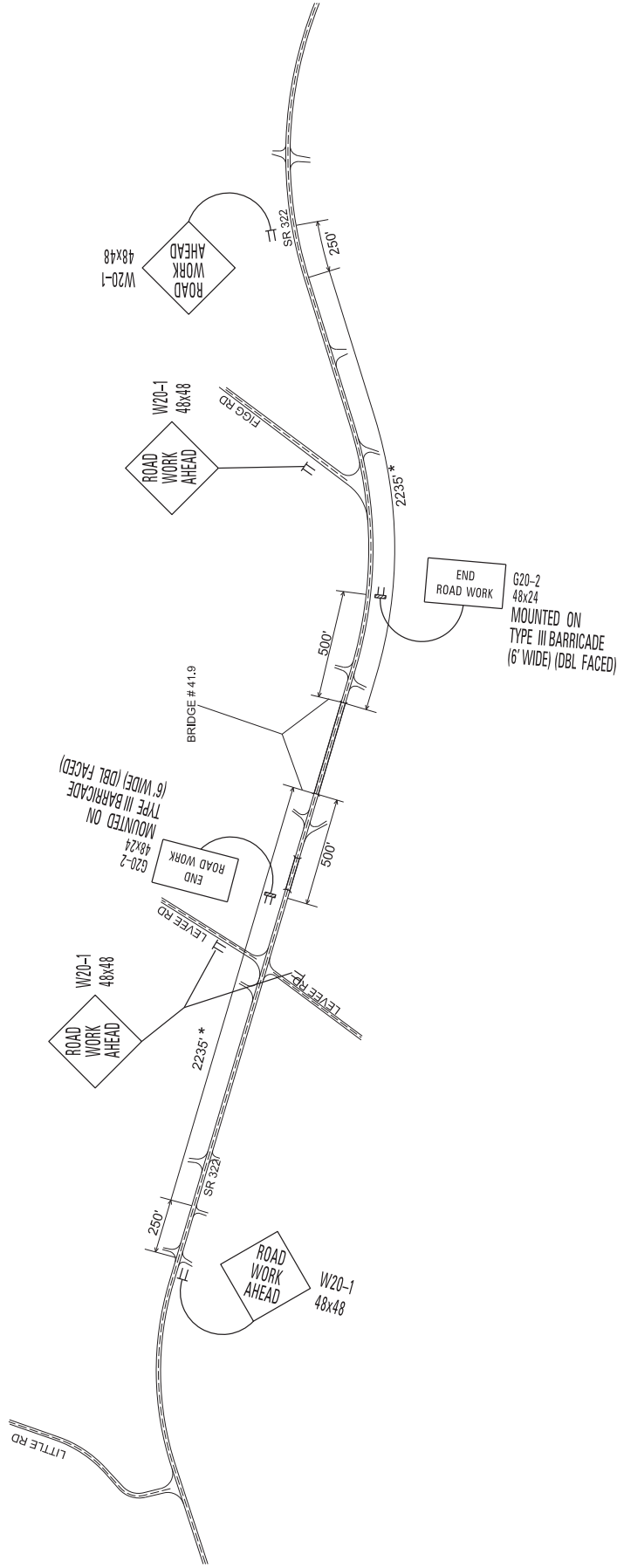
MISSISSIPPI DEPARTMENT OF TRANSPORTATION
MDOT

DESIGNED BY: GREEN
 CHECKED BY:
 DATE:

FMS CON: 109498/301000
 PROJECT NO.: STBG-0836-2010
 COUNTY: PANOLA

Notice to Bidders No. 5952

SHEET NO. 7
 SHEET NO. 7



* SEE SHEETS TC-1 AND TC-2
 FOR DETAILS OF SIGN PLACEMENT
 WITHIN THIS DIMENSION.

QUANTITIES REQ'D. THIS SHEET		
ITEM	SIZE	COUNT
W20-1	48x48	5
G20-2	48x24	2



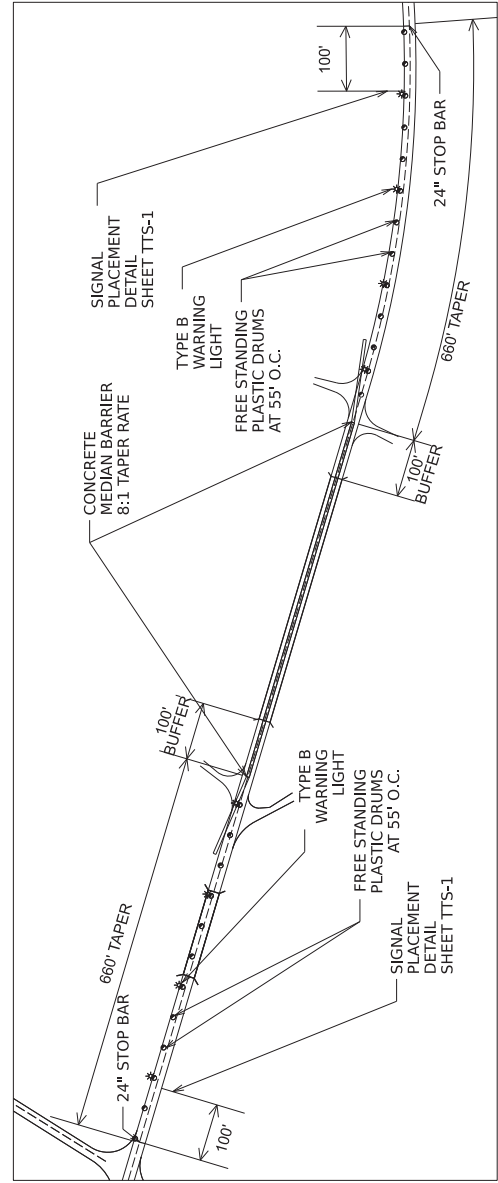
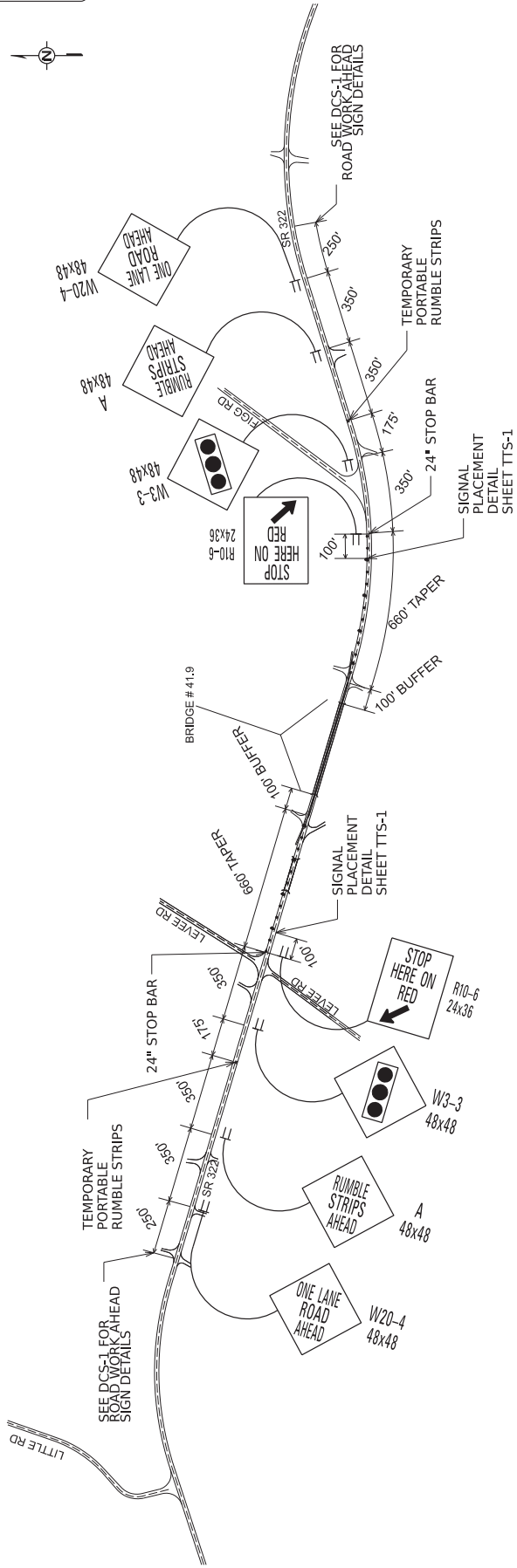
MDOT
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DESIGNED BY: GREEN
DETAILED BY:
CHECKED BY:
DATE:

FMS CON: 109498/301000
PROJECT NO.: STB-08-20-010
COUNTY: PANOLA

TRAFFIC CONTROL PLAN
No. 5952 -- Cont'd

WK NO. 1
SHEET NO. 8



CMS
CMS
CMS BOARDS TO BE USED
AS DIRECTED BY THE ENGINEER.

- NOTES:
1. TYPE B WARNING LIGHTS REQUIRED EVERY THIRD BARREL.
 2. SIGNS MAY BE ADJUSTED FOR NECESSARY FIELD CONDITIONS.
 3. MESSAGE BOARD WITH SIGNAL HEADS SHALL BE PROVIDED FOR EACH APPROVED TRAFFIC CONTROL PLAN.
 4. TRAFFIC SIGNAL TIMINGS AND CLEARANCE INTERVALS TO BE APPROVED BY TRAFFIC ENGINEERING DIVISION PRIOR TO IMPLEMENTATION.
 5. RUMBLE STRIPS SHALL BE REMOVED FROM THE ROADWAY WHEN NO WORK IS BEING PERFORMED BY THE CONTRACTOR.
 6. TRAFFIC CONTROL ITEMS ON THIS SHEET TO BE PAID FOR UNDER MAINTENANCE OF TRAFFIC.

ITEM	SIZE	COUNT
A	48x48	2
W3-3	48x48	2
W20-4	48x48	2
R10-6	24x36	2
TYPE B WARNING LIGHT		8
CHANGEABLE MESSAGE SIGN		2
FREE STANDING PLASTIC DRUM		25
CONCRETE MEDIAN BARRIER (LF)		950
TYPE 2A PORTABLE TRAFFIC SIGNAL		2



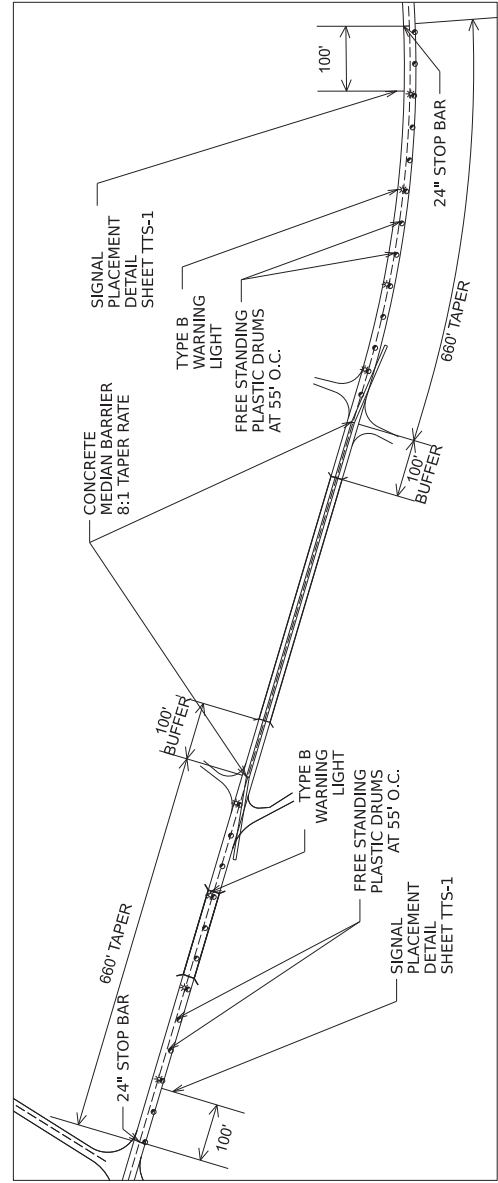
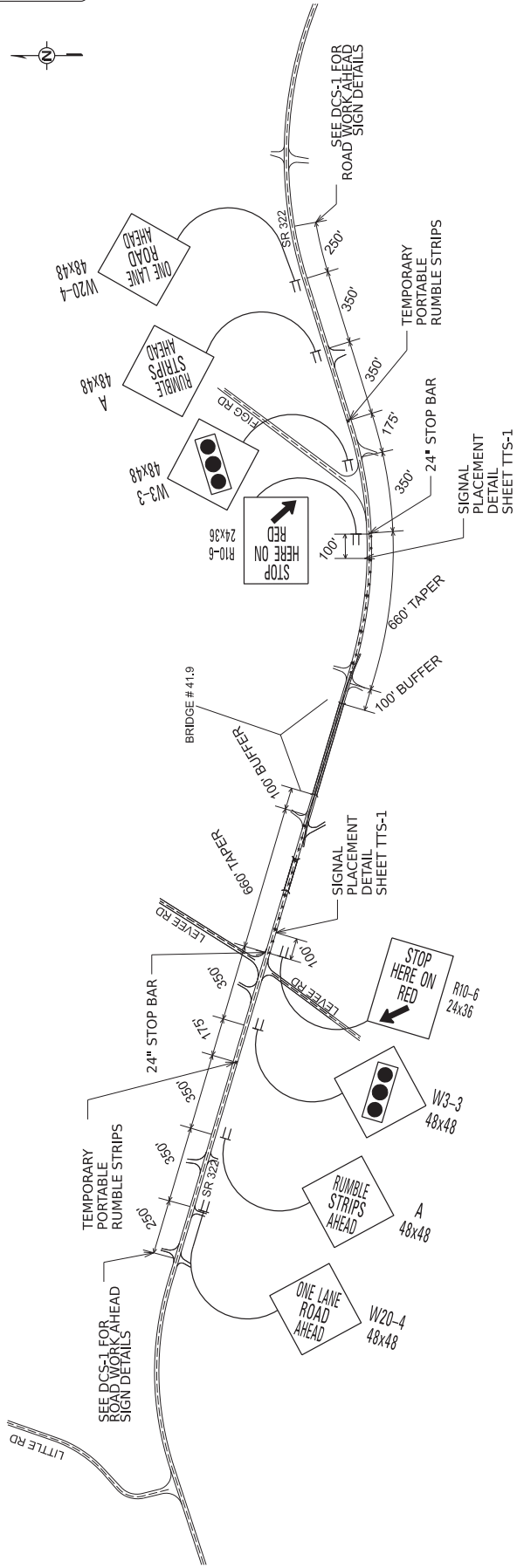
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DESIGNED BY: GREEN
CHECKED BY:
DATE:

FMS CON: 109498/301000
PROJECT NO.: STBG-08-36-0010
COUNTY: PANOLA

TRAFFIC CONTROL PLAN
No. 5952 -- Control

WKS. NO. 12
SHEET NO. 9



CMS
CMS
CMS BOARDS TO BE USED AS DIRECTED BY THE ENGINEER.

- NOTES:
1. TYPE B WARNING LIGHTS REQUIRED EVERY THIRD BARREL.
2. SIGNS MAY BE ADJUSTED FOR NECESSARY FIELD CONDITIONS.
3. MINIMUM OF TWO SIGNAL HEADS ARE REQUIRED FOR EACH APPROACH WITH VERTICAL CLEARANCE OF 18 FT.
4. TRAFFIC SIGNAL TIMINGS AND CLEARANCE INTERVALS TO BE DETERMINED BY TRAFFIC ENGINEERING DIVISION PRIOR TO IMPLEMENTATION.
5. RUMBLE STRIPS SHALL BE REMOVED FROM THE ROADWAY BY THE CONTRACTOR WHEN NO WORK IS BEING PERFORMED.
6. TRAFFIC CONTROL ITEMS FROM THIS SHEET TO BE PAID FOR UNDER MAINTENANCE OF TRAFFIC.
*APPLICABLE TRAFFIC CONTROL ITEMS ON THIS SHEET TO REMAIN FROM PHASE 1 OF TRAFFIC CONTROL, SHOWN ON SHEET TC-1.

Table with 3 columns: ITEM, SIZE, COUNT. Lists quantities for various traffic control items like 48x48 signs, 24x36 signs, warning lights, plastic drums, and portable traffic signals.



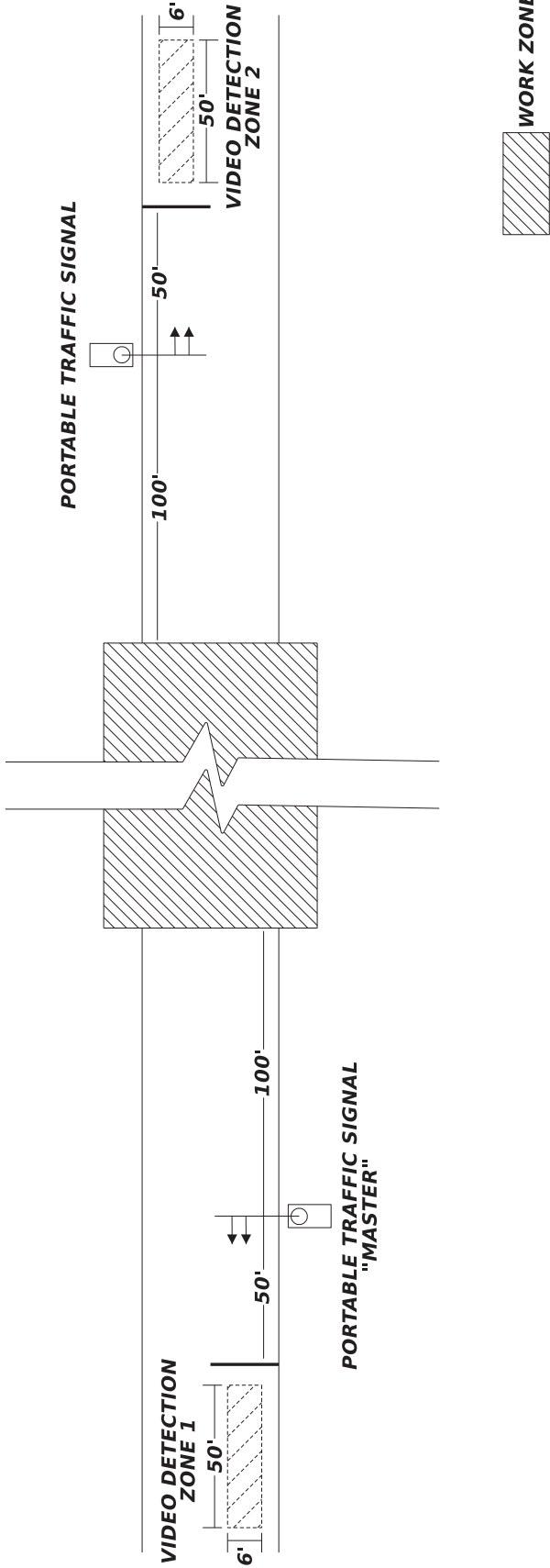
DESIGNED BY: GREEN
 DETAILED BY:
 CHECKED BY:
 DATE:

FMS CON: 109498/301000
 PROJECT NO.: STBG-0836-0016
 COUNTY: PANOLA

Notice to Bidders No. 5952-- Cont

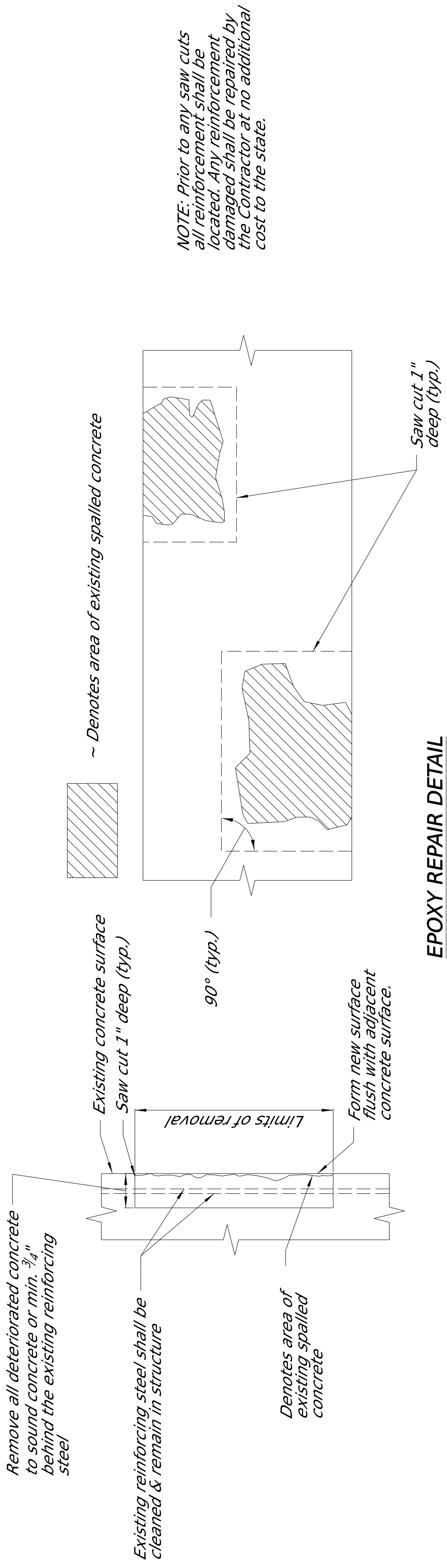
SHEET NO. 10

- NOTE:**
1. ALL TRAFFIC CONTROL DEVICES SHALL COMPLY WITH MUTCD (LATEST EDITION).
 2. ALL SIGNALS AND TIMINGS SHALL BE COORDINATED THROUGH PRETIMED SIGNAL ACTUATION.
 3. CONTRACTOR TO NOTIFY SIGNAL ENGINEER IN TRAFFIC ENGINEERING DIVISION TO BE PRESENT DURING PROGRAMMING. SIGNAL ENGINEER: (601) 359-1454
 4. VIDEO DETECTION SHALL BE USED IN CONJUNCTION WITH PORTABLE TRAFFIC SIGNALS. ALL VIDEO EQUIPMENT SHALL BE INCLUDED UNDER PAY ITEM 619-H2002, TRAFFIC SIGNAL, PORTABLE, TYPE 2.
 5. SIGNALS SHALL COMMUNICATE WITH ONE ANOTHER TO ENSURE NO CONFLICT BETWEEN THEM.
 6. DRAWING DEPICTS ONLY ONE PHASE OF CONSTRUCTION, BUT IT IS APPLICABLE FOR ALL PHASES.
 7. TEMPORARY PORTABLE TRAFFIC SIGNALS SHALL DISPLAY A MINIMUM OF TWO (2) SIGNAL HEADS FOR EACH APPROACH.

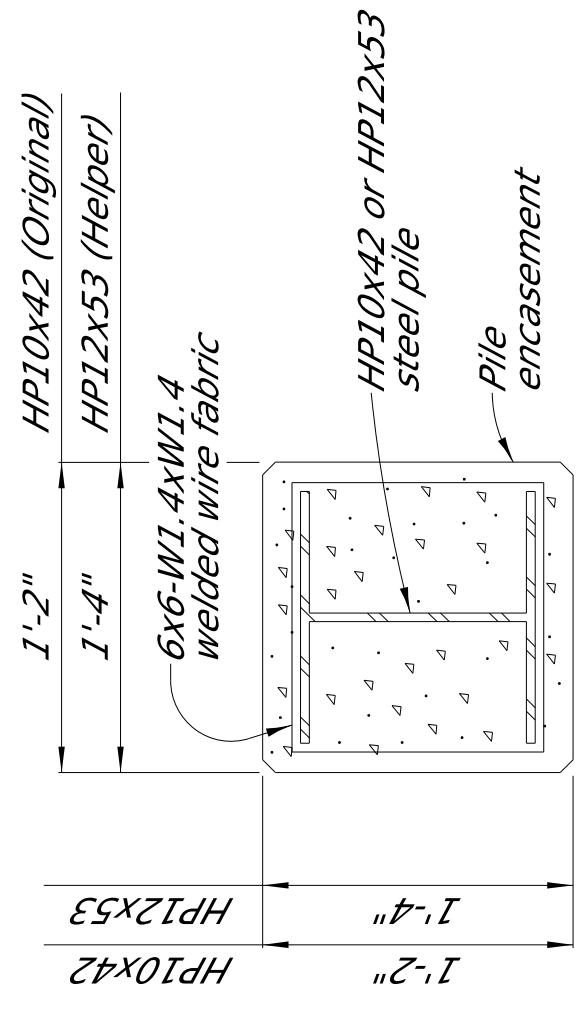


GENERAL LOCATIONS FOR EPOXY REPAIR		
LOCATION	QUANTITY	DESCRIPTION
Bent 2	8 SF	Pile Encasement (Piles 1-4)
Bent 3	4 SF	East Face of Cap @ Pile 2
Bent 8	8 SF	Pile Encasement (Piles 1-4)
Bent 8	2 SF	Open Joint over Beams 3 & 4
Span 3	6 SF	Rail @ Bent 3, over Beam 1
Span 3	3 SF	Drop Slab Near Beam 1
Span 6	2 SF	Drop Slab @ Midspan, Beam 1
Span 2	5 SF	Soffit, both sides of bridge

LOCATIONS FOR PILE ENCASEMENT REPAIR			
BENT	REFERENCED DETAILS	PILES	PILE TYPE
3	DETAIL "C" & DETAIL "D"	ALL	HELPER
4	DETAIL "E" & DETAIL "F"	ALL	HELPER
5	DETAIL "A" & DETAIL "B"	3A, 4A, 4B	ORIGINAL
5	DETAIL "E" & DETAIL "F"	3A, 4A	HELPER
6	DETAIL "C" & DETAIL "D"	ALL	HELPER



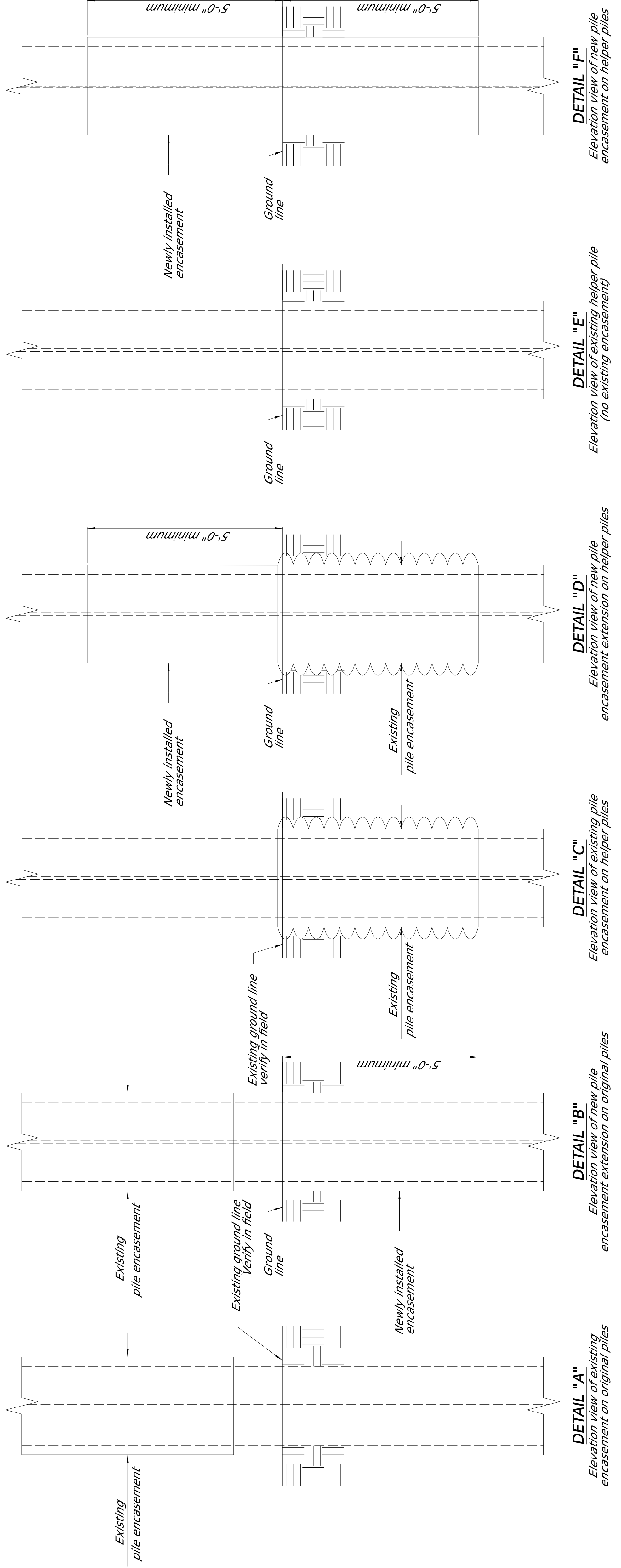
EPOXY REPAIR DETAIL



DETAIL "G"

New Pile Encasement detail

NOTE:
Excavation required to extend the pile encasement below the groundline shall be considered an absorbed item under Pay Item 907-824-PP006, Bridge Repair, Pile Encasement, Per-Plans. The pile encasement shall be extended with Class "44" concrete. Class "44" concrete required to extend the pile encasement shall be considered an absorbed item of work under Pay Item No. 907-824-PP006, Bridge Repair, Pile Encasement, Per-Plans.
Pile encasement shall be reinforced with 6x6-W1.4xW1.4 welded wire fabric, weighing 0.21 lbs per sq. ft. (not a separate pay item).



DETAIL "A"
Elevation view of existing encasement on original piles

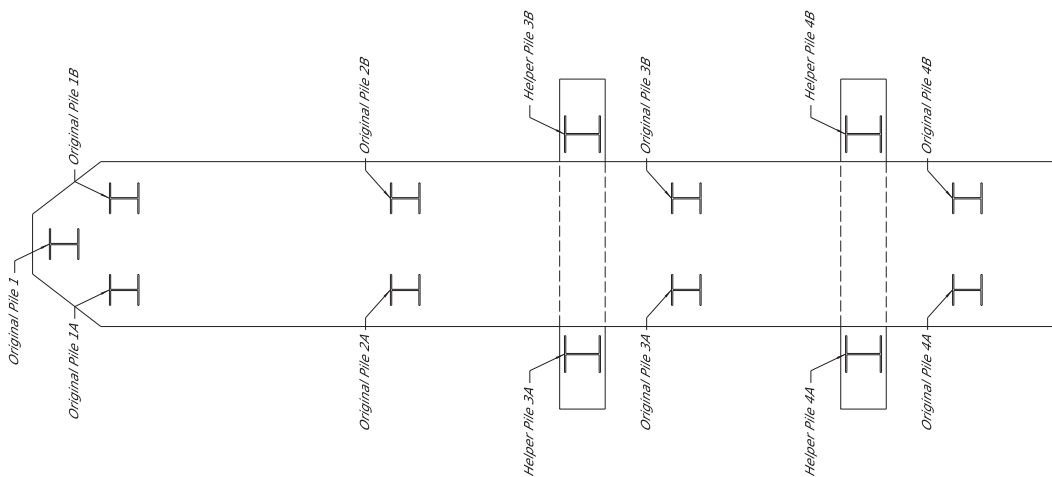
DETAIL "B"
Elevation view of new pile encasement extension on original piles

DETAIL "C"
Elevation view of existing pile encasement on helper piles

DETAIL "D"
Elevation view of new pile encasement extension on helper piles

DETAIL "E"
Elevation view of existing helper pile encasement (no existing encasement)

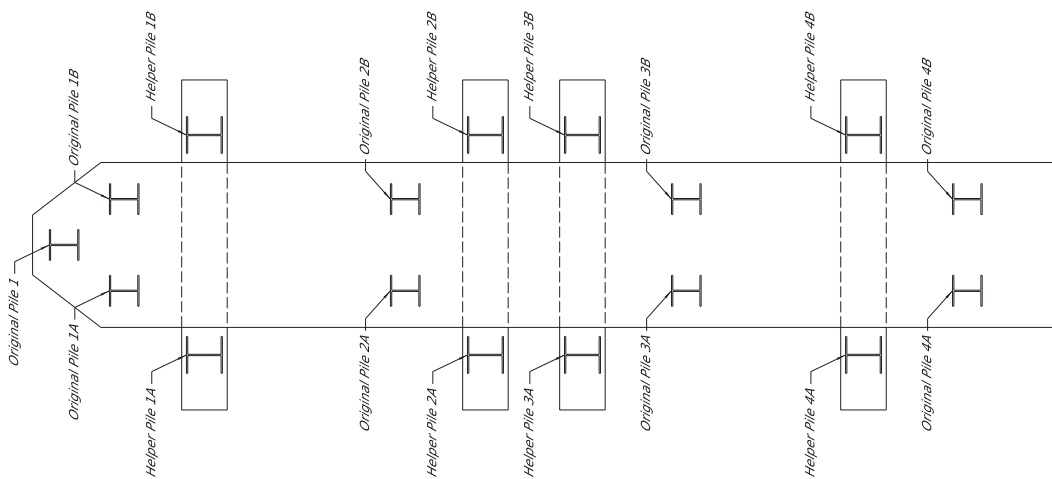
DETAIL "F"
Elevation view of new pile encasement on helper piles



Increased Stationing

BENT LAYOUT DETAIL

Showing Pile Layout for original and helper piles
(Bent 3 Only)



Increased Stationing

BENT LAYOUT DETAIL

Showing Pile Layout for original and helper piles
(Bents 3, 4, & 6)

NOTES ON ASSOCIATED ITEMS OF WORK:

907-808-A002 JOINT REPAIR

Description: Shall include the work necessary to repair joints in preparation for the placement of new expansion material. As designated in the detail drawings provided. Removal of existing silicone sealed, compression, AC sealed joint materials, and armored joint materials will not be paid for directly. Removal of joint materials and any trash and debris (including but not limited to old sealant) shall be included under this item of work. All other requirements shall be in accordance with the applicable provisions of Section 808 of the specifications and any other sections specified therein.

Basis of Payment: The accepted quantities will be paid for in linear feet at the contract unit price along the length of the bridge deck on each side of the centerline joint.

907-823-B001 SAW CUT, TYPE I

Description: The saw cut depth shall be equivalent to the installation depth required by the manufacturer's specifications. The saw cut type shall be the same as the preformed joint seal selected.

Basis of Payment: The accepted quantities will be paid for in linear feet at the contract unit price along the length of the bridge deck on each side of the centerline joint.

907-823-A001 PREFORMED JOINT SEAL, TYPE I

Description: Shall include the manufacturer's required joint preparation including sandblasting both sides of the joint and blowing the joint free of debris with compressed air and placement of the new preformed joint seal.

Basis of Payment: The accepted quantities will be paid for in linear feet at the contract unit price along the length of the centerline joint.

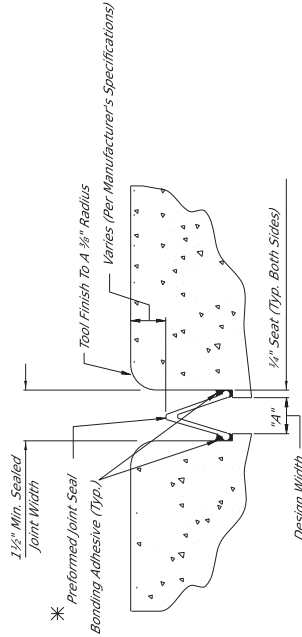
***NOTES:**

- The preformed joint seal shall be one of the following, installed according to the manufacturer's specifications:
 - Silicoflex Joint Sealing System
www.jwatson.com
 - Weko SFS Joint System
www.wkocorp.com
 - Silseal SSS Silicone Strip Seal
www.sscm.com
- For estimating purposes, the B Watson Silicoflex Joint Sealing System will be used. The contractor shall be responsible for providing the manufacturer's required joint preparation including sandblasting both sides of the joint and blowing the joint free of debris with compressed air and placement of the new preformed joint seal. Any other variances between the specifications provided by the manufacturer representative shall be present at the time joint sealing begins. The contractor is properly schooled in installation of the joint sealant.
- Joints shall be sealed at their design widths, dimension "A", which is determined as shown on the drawings. The contractor shall be responsible for ensuring that the design width is maintained during joint preparation. Installation depths and widths, adhesive setting times and any other variances between the specifications provided by the manufacturer representative shall be present at the time joint sealing begins. The contractor is properly schooled in installation of the joint sealant.

Notice to Bidder No. 5952 -- Cont'd.

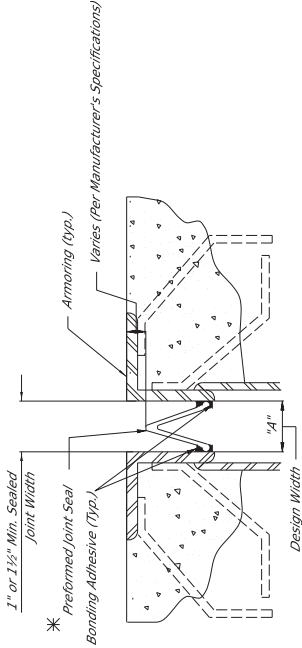
GENERAL NOTES:

- Specifications: Mississippi Standard Specifications For Road And Bridge Construction, 2017.
- No change orders will be permitted except by written order of the State Bridge Engineer. Minor changes to detail or design of construction may be authorized by the bridge engineer provided such changes will not cause for contract price adjustment.
- Work for which no pay item is provided in the proposal will not be paid for directly and shall therefore be considered an absorbed item of work.



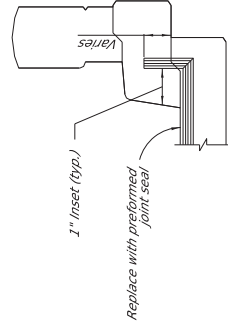
TYPICAL SECTION AT SAWCUT & SEALED JOINT

Showing Sealed Joint After Sawcut And Joint Repair (Typ. Bents No. 2 & 8)



TYPICAL SECTION AT SEALED JOINT

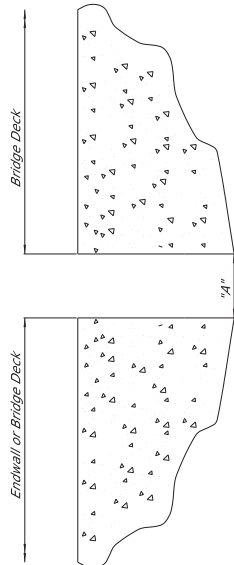
Showing Sealed Joint After Joint Repair (Typ. Bents No. 3-7)



ELEVATION AT END OF SPAN

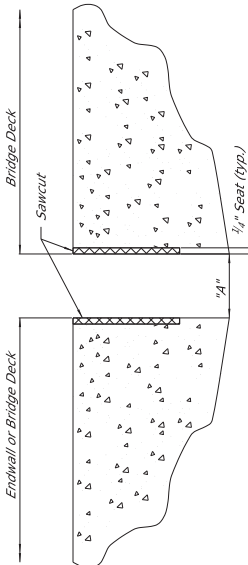
NOTES:

For Jersey-Slope Barriers, The Minimum Required Vertical Joint Seal Dimension Within The Barrier Is 3". For Post And Beam Barriers, The Minimum Required Vertical Joint Seal Dimension Within The Barrier Is 6".



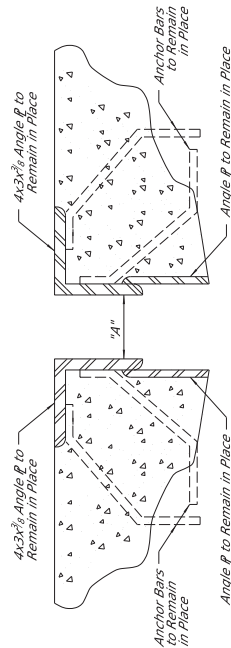
TYPICAL SECTION AT EXISTING OPEN JOINT

Showing Existing Open Joint (Typ. Bents No. 2 & 8)



TYPICAL SECTION AT EXISTING OPEN JOINT

Showing Existing Open Joint after Sawcut (Typ. Bents No. 2 & 8)



TYPICAL SECTION AT EXISTING ARMORED JOINT

Showing Existing Expansion Device To Remain In Place (Typ. Bents No. 3-7)

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904 - NOTICE TO BIDDERS NO. 5953

CODE: (SP)

DATE: 6/19/2024

SUBJECT: Additional Construction Requirements

PROJECT: STBG-0836-00(016) / 109498301 – Panola County

Bidders are hereby advised of the potential presence of the northern long-eared bat and/or tricolored bat at this site. No work will be allowed during the torpor season, which is December 15th to February 15th. A site survey will be conducted by the U.S. Fish & Wildlife Service on December 15th. Should the site survey determine no bats are present, work on the project will be allowed to continue during the aforementioned torpor season.