

SECTION 905 -- PROPOSAL (CONTINUED)

I (We) hereby certify by digital signature and electronic submission via Bid Express of the Section 905 proposal below, that all certifications, disclosures and affidavits incorporated herein are deemed to be duly executed in the aggregate, fully enforceable and binding upon delivery of the bid proposal. I (We) further acknowledge that this certification shall not extend to the bid bond or alternate security which must be separately executed for the benefit of the Commission. This signature does not cure deficiencies in any required certifications, disclosures and/or affidavits. I (We) also acknowledge the right of the Commission to require full and final execution on any certification, disclosure or affidavit contained in the proposal at the Commission's election upon award. Failure to so execute at the Commission's request within the time allowed in the Standard Specifications for execution of all contract documents will result in forfeiture of the bid bond or alternate security.

Bidder acknowledges receipt of and has added to and made a part of the proposal and contract documents the following addendum (addenda):

ADDENDUM NO.	<u>1</u>	DATED	<u>8/21/2026</u>	ADDENDUM NO.	_____	DATED	_____
ADDENDUM NO.	_____	DATED	_____	ADDENDUM NO.	_____	DATED	_____
ADDENDUM NO.	_____	DATED	_____	ADDENDUM NO.	_____	DATED	_____

Number

Description

- 1 Revised Table of Contents; Revised NTB No. 7468; Added NTB Nos. 7469, 7470, 8339 & 8340; Revised FHWA-1273, w/ Supplement; SP 907-803-11 replaces SP 907-803-5; Revised Bid Items; Revised or Added Plan Sheet Nos. 2,6,7,9-12,18, 8002-8004, 8006, 8023-8024 & 8096; 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.

BR-0051-02(023)/ 102383302000

Tallahatchie County(ies)

Revised 01/26/2016

MISSISSIPPI DEPARTMENT OF TRANSPORTATION
TABLE OF CONTENTS

PROJECT: BR-0051-02(023)/102383302 - Tallahatchie

Section 901 - Advertisement

Section 904 - Notice to Bidders

#1	Governing Specification, w/ Supplement
#2	Status of ROW, w/ Attachments
#3	Final Cleanup
#296	Reduced Speed Limit Signs
#445	Mississippi Agent or Qualified Nonresident Agent
#447	Traffic on Milled Surface in Rural Areas
#516	Errata and Modifications to the 2017 Standard Specifications
#757	Additional Erosion Control Requirements
#1225	Early Notice to Proceed
#1226	Material Storage Under Bridges
#1241	Fuel and Material Adjustments
#1434	Erosion Control Plan
#1606	Detour Bridge Piling
#1963	Guardrail Pads
#2172	App for Storm Water Reports
#2206	MASH Compliant Devices
#2273	Mississippi Special Fuel Tax Law
#2954	Reflective Sheeting for Signs
#3676	Asphalt Gyratory Compactor Internal Angle Calibration
#4113	Unique Entity ID Requirement For Federal Funded Projects
#4638	Storm Water Discharge Associated with Construction Activity (> 5 Acres)
#4699	Right-of-Way Plat
#4702	App for Traffic Control Report
#5086	Detail of Square Tube Sign Posts
#5551	Federal Bridge Formula
#5570	Special Provisions Related to Concrete
#7304	Erosion Control Contract Compliance
#7466	Contract Time
#7467	Specialty Items
#7468	Permit for the Placement of Fill Material in Federally Regulated Waters
#7469	USFWS Special Use Permit – Tree Replanting Requirements
#7470	MDWFP Boat Ramp Requirements
#8191	Obligation Date
#8339	Section 408 U. S. Army Corps of Engineers Letter of Permission
#8340	Pay Item Correction
906	Required Federal Contract Provisions -- FHWA 1273, w/Supplements

Section 907 - Special Provisions

907-101-1	Definitions and Terms
907-102-2	Bidding Requirements and Conditions
907-104-2	Minor Alterations to the Contract

PROJECT: BR-0051-02(023)/102383302 - Tallahatchie

907-105-3	Control of Work
907-106-5	Control of Materials
907-107-2	Contractor's Erosion Control Plan
907-108-4	Subletting of Contract
907-108-6	Default and Termination of Contract
907-109-5	Measurement and Payment
907-207-2	Settlement Plate
907-234-1	Silt Fence
907-253-1	Coir Fiber Baffle
907-401-4	Asphalt Pavements - General
907-403-4	Asphalt Pavements
907-407-1	Tack Coat
907-413-3	Cleaning and Sealing Joints and Cracks
907-502-1	Concrete Bridge End Pavement
907-601-1	Structural Concrete
907-605-1	Underdrains
907-618-12	Traffic Control Management
907-626-12	Thermoplastic Traffic Markings
907-627-1	Raised Pavement Markings
907-700-3	Materials and Tests w/Attachment
907-701-4	Hydraulic Cement, w/ Supplement
907-702-4	Bituminous Materials
907-703-2	Gradation
907-705-1	Stone Riprap
907-707-3	Joint Materials
907-708-4	Concrete Pipe
907-711-2	Plain Steel Wire
907-712-1	Fence and Guardrail
907-713-1	Waterproofing Admixture
907-714-4	Miscellaneous Materials
907-718-1	Timber and Dimension Lumber
907-720-4	Pavement Marking Materials
907-721-4	Materials for Signing
907-799-1	Hydraulic Cement Concrete Mixtures, w/Supplement
907-803-6	Deep Foundations
907-803-11	PDA Test Pile and Conventional Load Test
907-804-13	Concrete Bridges and Structures w/ Supplement
907-823-8	Preformed Joint Seal
906-9	Training Special Provisions

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

Pile and Driving Equipment Data Form

PROJECT: BR-0051-02(023)/102383302 - Tallahatchie

Progress Schedule

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

08/20/2026 05:17 PM

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904 - NOTICE TO BIDDERS NO. 7468

CODE (SP)

DATE: 08/20/2026

SUBJECT: Permits for the Placement of Fill Material in Federally Regulated Waters

PROJECT: BR-0051-02(023) / 102383302 – Tallahatchie County

The Department acquired the following Clean Water Act Section 404 permits for placing fill material in federally regulated water resources that were identified during project development:

Corps of Engineers Nationwide Permit No. 14 – Linear Transportation Projects

Corps of Engineers Nationwide Permit No. 36 – Boat Ramps

Corps ID number for both: MVK-2025-00764

The location of anticipated fill areas and the permit conditions shall be downloaded at the below referenced link for the appropriate letting date under the column titled “Permit Doc.” The conditions of the permit shall be adhered to by the Contractor throughout the construction process.

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

The document 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.

Securing a permit(s) for the filling of any other federally 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. 7469

CODE: (SP)

DATE: 08/20/2026

SUBJECT: USFWS Special Use Permit – Tree Replanting Requirements

PROJECT: BR-0051-02(023) / 102383302 – Tallahatchie County

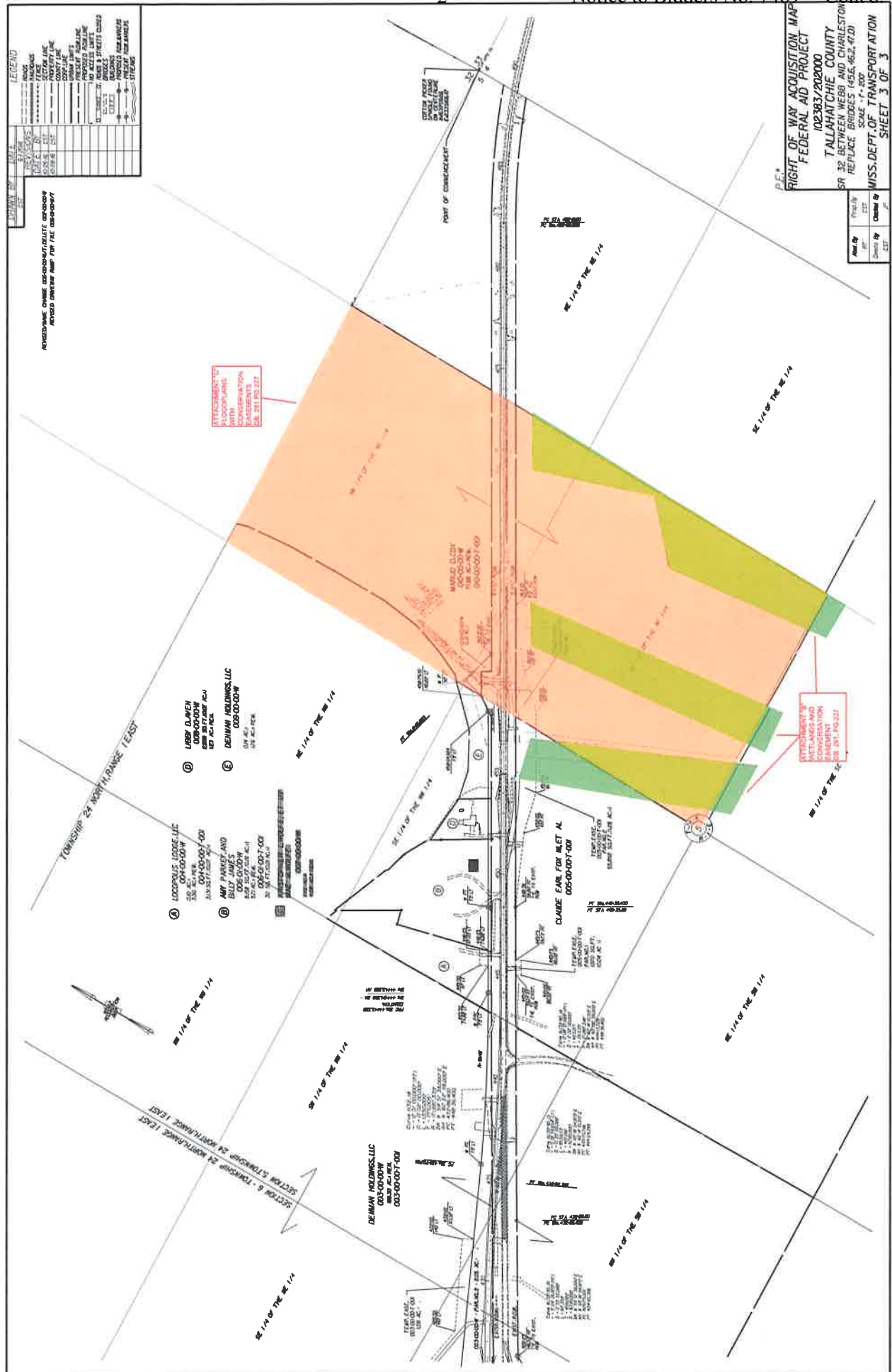
Bidders are hereby advised of the following United States Fish and Wildlife Service (USFWS) Special Use Permit requirement:

Permit number: 43675-17-004

This permit allows impacts to property on which USFWS has a right-of-way easement between Stations 454+00 and 463+25 as shown on the attached. The permit requires these easement areas be reforested at project completion with hardwood trees. The Contractor shall replant with water oak trees along with Chickasaw plum trees with 12' x 12' spacing (302 trees per acre). Based on estimated impacts, this will require replanting 227 trees.

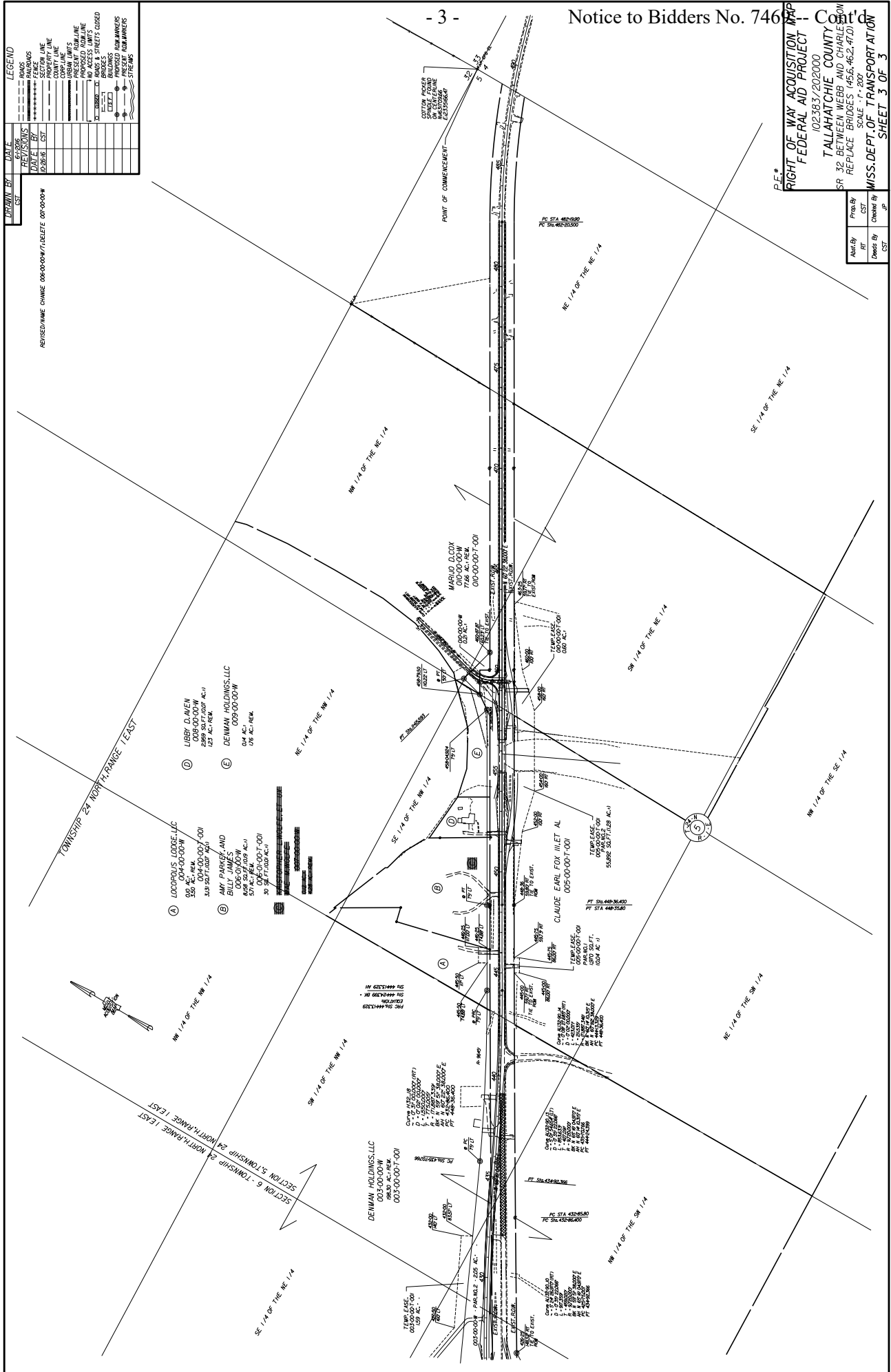
Bidders shall consider this requirement when preparing their bid. The following pay items are not shown in the Contract Plans but have been added to the bid sheets for use in the above requirement.

Pay Item No.	Description	Total
230-B091	Tree Planting, Water Oak	114 Each
230-B110	Tree Planting, Chickasaw Plum	113 Each



46
P.E.*
RIGHT OF WAY ACQUISITION MAP
FEDERAL AID PROJECT
102383/202000
TALLAHATCHIE COUNTY
SR 32 BETWEEN WEBB AND CHARLESTON
REPLACE BRIDGES (45.56, 46.2, 47.0)
SCALE: 1" = 200'
MISS. DEPT. OF TRANSPORTATION
SHEET 3 OF 3

Prop. By CST	Abst. By RT
Checked By JP	Deeds By CST



MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904 - NOTICE TO BIDDERS NO. 7470

CODE: (SP)

DATE: 08/20/2026

SUBJECT: MDWFP Boat Ramp Requirements

PROJECT: BR-0051-02(023) / 102383302 – Tallahatchie County

Bidders are hereby advised of the following requirements as part of a Memorandum of Agreement between MDOT and the Mississippi Department of Wildlife Fisheries and Parks (MDWFP) due to this project impacting an existing MDWFP boat ramp:

- 1) As noted on attached Worksheet #5B, the Contractor shall create access to the ramp MDWFP will build to replace the existing ramp. The contractor shall stockpile five hundred (500) tons of riprap and one hundred twenty (120) cubic yards of crushed stone within the access area for MDWFP to use in constructing a parking and turn-around area and boat ramp.
- 2) Two (2) weeks prior to anticipated completion date, the contractor shall notify MDWFP, MDOT Environmental Division, and the Project Engineer that the new bridge structure is nearing completion. Upon bridge construction completion, MDWFP shall deploy stockpiled rip-rap and crushed stone and construct the boat ramp as expeditiously as possible.

MDWFP Contact:

Ryan Jones

Fisheries Bureau Assistant Director

Mississippi Dept. of Wildlife, Fisheries, and Parks

601-432-2208

Ryan.Jones@wfp.ms.gov

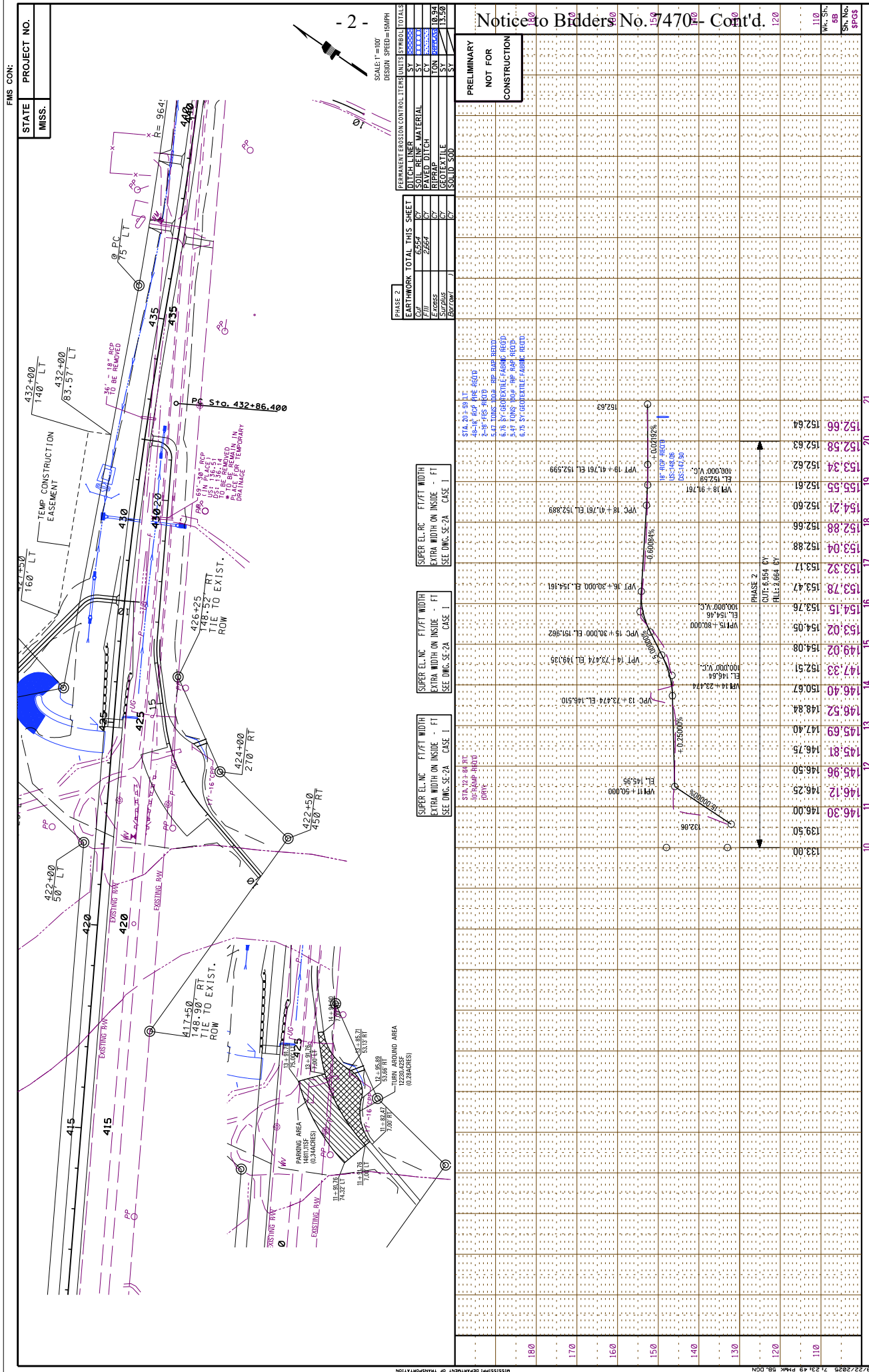
MDOT Environmental Division Contacts:

Andrea Wodtke, awodtke@mdot.ms.gov

Brad Johnson, bjohnson@mdot.ms.gov

- 3) Final grassing shall not occur until MDWFP has deployed rip-rap and crushed stone and completed boat ramp construction.

Bidders shall consider this requirement when preparing their bid.



MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904 – NOTICE TO BIDDERS NO. 8339

DATE: 08/20/2026

SUBJECT: Section 408 U. S. Army Corps of Engineers Letter of Permission

PROJECT: BR-0051-02(023) / 102383302 – Tallahatchie County

A Section 408 U. S. Army Corps of Engineers (USACE) Letter of Permission (LOP) was issued for this project due to its proximity to a federal project. The Contractor shall adhere to the following requirements and all other requirements, limitations, and indemnifications outlined in the LOP and its attachment.

- 1.) The contractor shall notify the Corps of Engineers 30 days before work begins so post-permission oversight can be performed including the MDOT Project Engineer and MDOT Environmental Division in the notification.
- 2.) The contractor shall schedule a final inspection with the Corps of Engineers within 30 days of completion of the work including the Project Engineer and MDOT Environmental Division in the notification.
- 3.) MDOT shall submit “as-built” drawings upon completion of the work.
- 4.) This LOP authorization was extended on April 28, 2026 and has no expiration date subject to work being conducting in accordance to the plans and in compliance with the terms and conditions of the Letter of Permission and attachments.

Corps of Engineers point of contact:

Mabry Montgomery

Corps of Engineers

Greenwood Area Office

(662) 455-0265 (o)

(662) 392-8464 (c)

mabry.k.dye@usace.army.mil

MDOT Environmental Division points of contact:

Andrea Wodtke, awodtke@mdot.ms.gov

Brad Johnson, bjohnson@mdot.ms.gov

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904 - NOTICE TO BIDDERS NO. 8340

CODE: (SP)

DATE: 08/20/2026

SUBJECT: Pay Item Correction

PROJECT: BR-0051-02(023) / 102383302 – Tallahatchie County

Bidders are hereby advised that Pay Item No. 202-B038, Removal of Building, was included in the Contract Plans in error and will not be needed. The bid sheets are correct.

SUPPLEMENT TO FORM FHWA-1273

DATE: 07/25/2026

SUBJECT: Federal Contract Provisions for Subcontracts

Federal Contract Provisions for Subcontracts

All subcontracts shall be in writing and contain all pertinent provisions and requirements of the prime contract.

Each "Request for Permission to Subcontract" (Mississippi Department of Transportation Form CAD-720) shall include a copy of the subcontract. The federal contract provisions (FHWA-1273, SUPPLEMENT TO FORM FHWA-1273, NOTICE OF NON-DISCRIMINATION AND DAVIS-BACON AND RELATED ACT PROVISIONS (WAGE RATES)) must be physically incorporated as part of the subcontract. A completed Mississippi Department of Transportation Form CAD-725 must be attached to the CAD-720.

CONTRACT PROVISIONS FOR FEDERAL-AID CONSTRUCTION CONTRACTS

- I. General
- II. Nondiscrimination
- III. Davis-Bacon and Related Act Provisions
- IV. Contract Work Hours and Safety Standards Act Provisions
- V. Subletting or Assigning the Contract
- VI. Safety: Accident Prevention
- VII. False Statements Concerning Highway Projects
- VIII. Implementation of Clean Air Act and Federal Water Pollution Control Act
- IX. Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion
- X. Certification Regarding Use of Contract Funds for Lobbying
- XI. Use of United States-Flag Vessels

ATTACHMENTS

A. Employment and Materials Preference for Appalachian Development Highway System or Appalachian Local Access Road Contracts (included in Appalachian contracts only).

I. GENERAL

1. Historically, contracting agencies using Federal-aid highway funds were required to ensure Form FHWA-1273 was physically incorporated into all contracts and subcontracts. Effective June 10, 2026, this requirement was eliminated [91 FR 25492]. Future use of Form FHWA-1273 is now optional on the part of the contracting agency using Federal-aid highway funds. FHWA continues to make Form FHWA-1273 available as a convenience to contracting agencies. Contracting agencies must continue to ensure compliance with the provisions cited in Form FHWA-1273 in accordance with the provisions regardless of the use of Form FHWA-1273. Accordingly, the contracting agency retains the authority to determine whether the contractor must use Form FHWA-1273 to physically incorporate required contract provisions in each subcontract and in lower tier contracts. Where permitted by the contracting agency, the contractor may choose other ways to include required contract provisions in each subcontract, besides incorporating Form FHWA-1273. Contract provisions in Form FHWA-1273 are not required to be physically included in subcontracts for design services on Federal-aid design-build contracts, or in purchase orders, rental agreements and other agreements for supplies or services.

The applicable provisions of Form FHWA-1273 are incorporated by reference for work done under any purchase order, rental agreement or agreement for other services. The prime contractor or design-builder shall be responsible for compliance by any subcontractor, lower-tier subcontractor or service provider.

Contracting agencies may reference Form FHWA-1273 in solicitation-for-bids or request-for-proposals documents.

2. Subject to the applicability criteria noted in the following sections, these contract provisions shall apply to all work performed on the contract by the contractor's own organization and with the assistance of workers under the contractor's

immediate superintendence and to all work performed on the contract by piecework, station work, or by subcontract.

3. A breach of any of the stipulations contained in these Required Contract Provisions may be sufficient grounds for withholding of progress payments, withholding of final payment, termination of the contract, suspension / debarment or any other action determined to be appropriate by the contracting agency and FHWA.

4. Selection of Labor: During the performance of this contract, the contractor shall not use convict labor for any purpose within the limits of a construction project on a Federal-aid highway unless it is labor performed by convicts who are on parole, supervised release, or probation. 23 U.S.C. 114(b). The term Federal-aid highway does not include roadways functionally classified as local roads or rural minor collectors. 23 U.S.C. 101(a).

II. NONDISCRIMINATION

The contractor and all subcontractors must comply with the following policies: 29 CFR Parts 1625-1627, 23 U.S.C. 140, Section 504 of the Rehabilitation Act of 1973, as amended (29 U.S.C. 794), Title VI of the Civil Rights Act of 1964, as amended (42 U.S.C. 2000d et seq.), and related regulations including 49 CFR Parts 21, 26, and 27, including any amendments thereto.

Note: The U.S. Department of Labor has exclusive authority to determine compliance with 29 CFR Parts 1625-1627. The contracting agency and the FHWA have the authority and the responsibility to ensure compliance with 23 U.S.C. 140, Section 504 of the Rehabilitation Act of 1973, as amended (29 U.S.C. 794), and Title VI of the Civil Rights Act of 1964, as amended (42 U.S.C. 2000d et seq.), and related regulations including 49 CFR Parts 21, 26, and 27, including any amendments thereto.

The provisions of the Americans with Disabilities Act of 1990 (42 U.S.C. 12101 et seq.) set forth under 28 CFR Part 35 and 29 CFR Part 1630 are incorporated by reference in this contract.

1. Assurances Required:

a. The requirements of 49 CFR Part 26, including any amendments thereto, and the State DOT's FHWA-approved Disadvantaged Business Enterprise (DBE) program are incorporated by reference.

b. The contractor, subrecipient or subcontractor shall not discriminate on the basis of race, color, national origin, or sex in the performance of this contract. The contractor shall carry out applicable requirements of 49 CFR part 26, including any amendments thereto, in the award and administration of DOT-assisted contracts. Failure by the contractor to carry out these requirements is a material breach of this contract, which may result in the termination of this contract or such other remedy as the recipient deems appropriate, which may include, but is not limited to:

- (1) Withholding monthly progress payments;
- (2) Assessing sanctions;
- (3) Liquidated damages; and/or
- (4) Disqualifying the contractor from future bidding as non-responsible.

c. The Title VI and nondiscrimination provisions of U.S. DOT Order 1050.2A at Appendixes A and E, including any amendments thereto, are incorporated by reference. 49 CFR Part 21.

III. DAVIS-BACON AND RELATED ACT PROVISIONS

This section is applicable to all Federal-aid construction projects exceeding \$2,000 and to all related subcontracts and lower-tier subcontracts (regardless of subcontract size), in accordance with 29 CFR 5.5. The requirements apply to all projects located within the right-of-way of a roadway that is functionally classified as Federal-aid highway. 23 U.S.C. 113. This excludes roadways functionally classified as local roads or rural minor collectors, which are exempt. 23 U.S.C. 101. Where applicable law requires that projects be treated as a project on a Federal-aid highway, the provisions of this subpart will apply regardless of the location of the project. Examples include: Surface Transportation Block Grant Program projects funded under 23 U.S.C. 133 [excluding recreational trails projects], the Nationally Significant Freight and Highway Projects funded under 23 U.S.C. 117, and National Highway Freight Program projects funded under 23 U.S.C. 167.

The following provisions are from the U.S. Department of Labor regulations in 29 CFR 5.5 "Contract provisions and related matters" with minor revisions to conform to the FHWA-1273 format and FHWA program requirements.

1. Minimum wages (29 CFR 5.5)

a. *Wage rates and fringe benefits.* All laborers and mechanics employed or working upon the site of the work (or otherwise working in construction or development of the project under a development statute), will be paid unconditionally and not less often than once a week, and without subsequent deduction or rebate on any account (except such payroll deductions as are permitted by regulations issued by the Secretary of Labor under the Copeland Act ([29 CFR part 3](#))), the full amount of basic hourly wages and bona fide fringe benefits (or cash equivalents thereof) due at time of payment computed at rates not less than those contained in the wage determination of the Secretary of Labor which is attached hereto and made a part hereof, regardless of any contractual relationship which may be alleged to exist between the contractor and such laborers and mechanics. As provided in paragraphs (d) and (e) of 29 CFR 5.5, the appropriate wage determinations are effective by operation of law even if they have not been attached to the contract. Contributions made or costs reasonably anticipated for bona fide fringe benefits under the Davis-Bacon Act ([40 U.S.C. 3141\(2\)\(B\)](#)) on behalf of laborers or mechanics are considered wages paid to such laborers or mechanics, subject to the provisions of paragraph 1.e. of this section; also, regular contributions made or costs incurred for more than a weekly period (but not less often than quarterly) under plans, funds, or programs which cover the particular weekly period, are deemed to be constructively made or incurred during such weekly period. Such laborers and mechanics must be paid the appropriate wage rate and fringe benefits on the wage determination for the classification(s) of work actually performed, without regard to skill, except as provided in

paragraph 4. of this section. Laborers or mechanics performing work in more than one classification may be compensated at the rate specified for each classification for the time actually worked therein: *Provided*, That the employer's payroll records accurately set forth the time spent in each classification in which work is performed. The wage determination (including any additional classifications and wage rates conformed under paragraph 1.c. of this section) and the Davis-Bacon poster (WH-1321) must be posted at all times by the contractor and its subcontractors at the site of the work in a prominent and accessible place where it can be easily seen by the workers.

b. *Frequently recurring classifications.* (1) In addition to wage and fringe benefit rates that have been determined to be prevailing under the procedures set forth in [29 CFR part 1](#), a wage determination may contain, pursuant to § 1.3(f), wage and fringe benefit rates for classifications of laborers and mechanics for which conformance requests are regularly submitted pursuant to paragraph 1.c. of this section, provided that:

(i) The work performed by the classification is not performed by a classification in the wage determination for which a prevailing wage rate has been determined;

(ii) The classification is used in the area by the construction industry; and

(iii) The wage rate for the classification bears a reasonable relationship to the prevailing wage rates contained in the wage determination.

(2) The Administrator will establish wage rates for such classifications in accordance with paragraph 1.c.(1)(iii) of this section. Work performed in such a classification must be paid at no less than the wage and fringe benefit rate listed on the wage determination for such classification.

c. *Conformance.* (1) The contracting officer must require that any class of laborers or mechanics, including helpers, which is not listed in the wage determination and which is to be employed under the contract be classified in conformance with the wage determination. Conformance of an additional classification and wage rate and fringe benefits is appropriate only when the following criteria have been met:

(i) The work to be performed by the classification requested is not performed by a classification in the wage determination; and

(ii) The classification is used in the area by the construction industry; and

(iii) The proposed wage rate, including any bona fide fringe benefits, bears a reasonable relationship to the wage rates contained in the wage determination.

(2) The conformance process may not be used to split, subdivide, or otherwise avoid application of classifications listed in the wage determination.

(3) If the contractor and the laborers and mechanics to be employed in the classification (if known), or their representatives, and the contracting officer agree on the

classification and wage rate (including the amount designated for fringe benefits where appropriate), a report of the action taken will be sent by the contracting officer by email to DBAconformance@dol.gov. The Administrator, or an authorized representative, will approve, modify, or disapprove every additional classification action within 30 days of receipt and so advise the contracting officer or will notify the contracting officer within the 30-day period that additional time is necessary.

(4) In the event the contractor, the laborers or mechanics to be employed in the classification or their representatives, and the contracting officer do not agree on the proposed classification and wage rate (including the amount designated for fringe benefits, where appropriate), the contracting officer will, by email to DBAconformance@dol.gov, refer the questions, including the views of all interested parties and the recommendation of the contracting officer, to the Administrator for determination. The Administrator, or an authorized representative, will issue a determination within 30 days of receipt and so advise the contracting officer or will notify the contracting officer within the 30-day period that additional time is necessary.

(5) The contracting officer must promptly notify the contractor of the action taken by the Wage and Hour Division under paragraphs 1.c.(3) and (4) of this section. The contractor must furnish a written copy of such determination to each affected worker or it must be posted as a part of the wage determination. The wage rate (including fringe benefits where appropriate) determined pursuant to paragraph 1.c.(3) or (4) of this section must be paid to all workers performing work in the classification under this contract from the first day on which work is performed in the classification.

d. Fringe benefits not expressed as an hourly rate. Whenever the minimum wage rate prescribed in the contract for a class of laborers or mechanics includes a fringe benefit which is not expressed as an hourly rate, the contractor may either pay the benefit as stated in the wage determination or may pay another bona fide fringe benefit or an hourly cash equivalent thereof.

e. Unfunded plans. If the contractor does not make payments to a trustee or other third person, the contractor may consider as part of the wages of any laborer or mechanic the amount of any costs reasonably anticipated in providing bona fide fringe benefits under a plan or program, *Provided*, That the Secretary of Labor has found, upon the written request of the contractor, in accordance with the criteria set forth in § 5.28, that the applicable standards of the Davis-Bacon Act have been met. The Secretary of Labor may require the contractor to set aside in a separate account assets for the meeting of obligations under the plan or program.

f. Interest. In the event of a failure to pay all or part of the wages required by the contract, the contractor will be required to pay interest on any underpayment of wages.

2. Withholding (29 CFR 5.5)

a. Withholding requirements. The contracting agency may, upon its own action, or must, upon written request of an authorized representative of the Department of Labor, withhold or cause to be withheld from the contractor so much of the accrued payments or advances as may be considered

necessary to satisfy the liabilities of the prime contractor or any subcontractor for the full amount of wages and monetary relief, including interest, required by the clauses set forth in this section for violations of this contract, or to satisfy any such liabilities required by any other Federal contract, or federally assisted contract subject to Davis-Bacon labor standards, that is held by the same prime contractor (as defined in § 5.2). The necessary funds may be withheld from the contractor under this contract, any other Federal contract with the same prime contractor, or any other federally assisted contract that is subject to Davis-Bacon labor standards requirements and is held by the same prime contractor, regardless of whether the other contract was awarded or assisted by the same agency, and such funds may be used to satisfy the contractor liability for which the funds were withheld. In the event of a contractor's failure to pay any laborer or mechanic, including any apprentice or helper working on the site of the work all or part of the wages required by the contract, or upon the contractor's failure to submit the required records as discussed in paragraph 3.d. of this section, the contracting agency may on its own initiative and after written notice to the contractor, take such action as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds until such violations have ceased.

b. Priority to withheld funds. The Department has priority to funds withheld or to be withheld in accordance with paragraph 2.a. of this section or Section IV, paragraph 3.a., or both, over claims to those funds by:

(1) A contractor's surety(ies), including without limitation performance bond sureties and payment bond sureties;

(2) A contracting agency for its repurchase costs;

(3) A trustee(s) (either a court-appointed trustee or a U.S. trustee, or both) in bankruptcy of a contractor, or a contractor's bankruptcy estate;

(4) A contractor's assignee(s);

(5) A contractor's successor(s); or

(6) A claim asserted under the Prompt Payment Act, [31 U.S.C. 3901](#)–3907.

3. Records and certified payrolls (29 CFR 5.5)

a. Basic record requirements (1) Length of record retention. All regular payrolls and other basic records must be maintained by the contractor and any subcontractor during the course of the work and preserved for all laborers and mechanics working at the site of the work (or otherwise working in construction or development of the project under a development statute) for a period of at least 3 years after all the work on the prime contract is completed.

(2) *Information required.* Such records must contain the name; Social Security number; last known address, telephone number, and email address of each such worker; each worker's correct classification(s) of work actually performed; hourly rates of wages paid (including rates of contributions or costs anticipated for bona fide fringe benefits or cash equivalents thereof of the types described in [40 U.S.C. 3141\(2\)\(B\)](#) of the Davis-Bacon Act); daily and weekly number

of hours actually worked in total and on each covered contract; deductions made; and actual wages paid.

(3) *Additional records relating to fringe benefits.* Whenever the Secretary of Labor has found under paragraph 1.e. of this section that the wages of any laborer or mechanic include the amount of any costs reasonably anticipated in providing benefits under a plan or program described in [40 U.S.C. 3141\(2\)\(B\)](#) of the Davis-Bacon Act, the contractor must maintain records which show that the commitment to provide such benefits is enforceable, that the plan or program is financially responsible, and that the plan or program has been communicated in writing to the laborers or mechanics affected, and records which show the costs anticipated or the actual cost incurred in providing such benefits.

(4) *Additional records relating to apprenticeship.* Contractors with apprentices working under approved programs must maintain written evidence of the registration of apprenticeship programs, the registration of the apprentices, and the ratios and wage rates prescribed in the applicable programs.

b. *Certified payroll requirements* (1) *Frequency and method of submission.* The contractor or subcontractor must submit weekly, for each week in which any DBA- or Related Acts-covered work is performed, certified payrolls to the contracting agency. The prime contractor is responsible for the submission of all certified payrolls by all subcontractors. A contracting agency or prime contractor may permit or require contractors to submit certified payrolls through an electronic system, as long as the electronic system requires a legally valid electronic signature; the system allows the contractor, the contracting agency, and the Department of Labor to access the certified payrolls upon request for at least 3 years after the work on the prime contract has been completed; and the contracting agency or prime contractor permits other methods of submission in situations where the contractor is unable or limited in its ability to use or access the electronic system.

(2) *Information required.* The certified payrolls submitted must set out accurately and completely all of the information required to be maintained under paragraph 3.a.(2) of this section, except that full Social Security numbers and last known addresses, telephone numbers, and email addresses must not be included on weekly transmittals. Instead, the certified payrolls need only include an individually identifying number for each worker (e.g., the last four digits of the worker's Social Security number). The required weekly certified payroll information may be submitted using Optional Form WH-347 or in any other format desired. Optional Form WH-347 is available for this purpose from the Wage and Hour Division website at <https://www.dol.gov/sites/dolgov/files/WHD/legacy/files/wh347.pdf> or its successor website. It is not a violation of this section for a prime contractor to require a subcontractor to provide full Social Security numbers and last known addresses, telephone numbers, and email addresses to the prime contractor for its own records, without weekly submission by the subcontractor to the contracting agency.

(3) *Statement of Compliance.* Each certified payroll submitted must be accompanied by a "Statement of Compliance," signed by the contractor or subcontractor, or the contractor's or subcontractor's agent who pays or supervises the payment of the persons working on the contract, and must certify the following:

(i) That the certified payroll for the payroll period contains the information required to be provided under paragraph 3.b. of this section, the appropriate information and basic records are being maintained under paragraph 3.a. of this section, and such information and records are correct and complete;

(ii) That each laborer or mechanic (including each helper and apprentice) working on the contract during the payroll period has been paid the full weekly wages earned, without rebate, either directly or indirectly, and that no deductions have been made either directly or indirectly from the full wages earned, other than permissible deductions as set forth in [29 CFR part 3](#); and

(iii) That each laborer or mechanic has been paid not less than the applicable wage rates and fringe benefits or cash equivalents for the classification(s) of work actually performed, as specified in the applicable wage determination incorporated into the contract.

(4) *Use of Optional Form WH-347.* The weekly submission of a properly executed certification set forth on the reverse side of Optional Form WH-347 will satisfy the requirement for submission of the "Statement of Compliance" required by paragraph 3.b.(3) of this section.

(5) *Signature.* The signature by the contractor, subcontractor, or the contractor's or subcontractor's agent must be an original handwritten signature or a legally valid electronic signature.

(6) *Falsification.* The falsification of any of the above certifications may subject the contractor or subcontractor to civil or criminal prosecution under [18 U.S.C. 1001](#) and [31 U.S.C. 3729](#).

(7) *Length of certified payroll retention.* The contractor or subcontractor must preserve all certified payrolls during the course of the work and for a period of 3 years after all the work on the prime contract is completed.

c. *Contracts, subcontracts, and related documents.* The contractor or subcontractor must maintain this contract or subcontract and related documents including, without limitation, bids, proposals, amendments, modifications, and extensions. The contractor or subcontractor must preserve these contracts, subcontracts, and related documents during the course of the work and for a period of 3 years after all the work on the prime contract is completed.

d. *Required disclosures and access* (1) *Required record disclosures and access to workers.* The contractor or subcontractor must make the records required under paragraphs 3.a. through 3.c. of this section, and any other documents that the contracting agency, the State DOT, the FHWA, or the Department of Labor deems necessary to determine compliance with the labor standards provisions of any of the applicable statutes referenced by § 5.1, available for inspection, copying, or transcription by authorized representatives of the contracting agency, the State DOT, the FHWA, or the Department of Labor, and must permit such representatives to interview workers during working hours on the job.

(2) *Sanctions for non-compliance with records and worker access requirements.* If the contractor or subcontractor fails to submit the required records or to make them available, or refuses to permit worker interviews during working hours on the job, the Federal agency may, after written notice to the contractor, sponsor, applicant, owner, or other entity, as the case may be, that maintains such records or that employs such workers, take such action as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds. Furthermore, failure to submit the required records upon request or to make such records available, or to permit worker interviews during working hours on the job, may be grounds for debarment action pursuant to § 5.12. In addition, any contractor or other person that fails to submit the required records or make those records available to WHD within the time WHD requests that the records be produced will be precluded from introducing as evidence in an administrative proceeding under [29 CFR part 6](#) any of the required records that were not provided or made available to WHD. WHD will take into consideration a reasonable request from the contractor or person for an extension of the time for submission of records. WHD will determine the reasonableness of the request and may consider, among other things, the location of the records and the volume of production.

(3) *Required information disclosures.* Contractors and subcontractors must maintain the full Social Security number and last known address, telephone number, and email address of each covered worker, and must provide them upon request to the contracting agency, the State DOT, the FHWA, the contractor, or the Wage and Hour Division of the Department of Labor for purposes of an investigation or other compliance action.

4. Apprentices and equal employment opportunity (29 CFR 5.5)

a. *Apprentices (1) Rate of pay.* Apprentices will be permitted to work at less than the predetermined rate for the work they perform when they are employed pursuant to and individually registered in a bona fide apprenticeship program registered with the U.S. Department of Labor, Employment and Training Administration, Office of Apprenticeship (OA), or with a State Apprenticeship Agency recognized by the OA. A person who is not individually registered in the program, but who has been certified by the OA or a State Apprenticeship Agency (where appropriate) to be eligible for probationary employment as an apprentice, will be permitted to work at less than the predetermined rate for the work they perform in the first 90 days of probationary employment as an apprentice in such a program. In the event the OA or a State Apprenticeship Agency recognized by the OA withdraws approval of an apprenticeship program, the contractor will no longer be permitted to use apprentices at less than the applicable predetermined rate for the work performed until an acceptable program is approved.

(2) *Fringe benefits.* Apprentices must be paid fringe benefits in accordance with the provisions of the apprenticeship program. If the apprenticeship program does not specify fringe benefits, apprentices must be paid the full amount of fringe benefits listed on the wage determination for the applicable classification. If the Administrator determines that a different practice prevails for the applicable apprentice classification, fringe benefits must be paid in accordance with that determination.

(3) *Apprenticeship ratio.* The allowable ratio of apprentices to journeyworkers on the job site in any craft classification must not be greater than the ratio permitted to the contractor as to the entire work force under the registered program or the ratio applicable to the locality of the project pursuant to paragraph 4.a.(4) of this section. Any worker listed on a payroll at an apprentice wage rate, who is not registered or otherwise employed as stated in paragraph 4.a.(1) of this section, must be paid not less than the applicable wage rate on the wage determination for the classification of work actually performed. In addition, any apprentice performing work on the job site in excess of the ratio permitted under this section must be paid not less than the applicable wage rate on the wage determination for the work actually performed.

(4) *Reciprocity of ratios and wage rates.* Where a contractor is performing construction on a project in a locality other than the locality in which its program is registered, the ratios and wage rates (expressed in percentages of the journeyworker's hourly rate) applicable within the locality in which the construction is being performed must be observed. If there is no applicable ratio or wage rate for the locality of the project, the ratio and wage rate specified in the contractor's registered program must be observed.

b. *Equal employment opportunity.* The use of apprentices and journeyworkers under this part must be in conformity with [29 CFR part 30](#), including any amendments thereto.

c. Apprentices and Trainees (programs of the U.S. DOT).

Apprentices and trainees working under apprenticeship and skill training programs which have been certified by the Secretary of Transportation as promoting EEO in connection with Federal-aid highway construction programs are not subject to the requirements of paragraph 4 of this Section III. 23 CFR 230.111(e)(2). The straight time hourly wage rates for apprentices and trainees under such programs will be established by the particular programs. The ratio of apprentices and trainees to journeyworkers shall not be greater than permitted by the terms of the particular program.

5. Compliance with Copeland Act requirements. The contractor shall comply with the requirements of 29 CFR part 3, which are incorporated by reference in this contract as provided in 29 CFR 5.5.

6. Subcontracts. The contractor or subcontractor must insert in any subcontracts the clauses set forth in paragraphs (1) through (11) of this section, along with the applicable wage determination(s) and such other clauses or contract modifications as the contracting agency may by appropriate instructions require, and a clause requiring the subcontractors to include these clauses and wage determination(s) in any lower tier subcontracts. The prime contractor is responsible for the compliance by any subcontractor or lower tier subcontractor with all the contract clauses in this section. In the event of any violations of these clauses, the prime contractor and any subcontractor(s) responsible will be liable for any unpaid wages and monetary relief, including interest from the date of the underpayment or loss, due to any workers of lower-tier subcontractors, and may be subject to debarment, as appropriate. 29 CFR 5.5.

7. Contract termination: debarment. A breach of the contract clauses in 29 CFR 5.5 may be grounds for termination of the

contract, and for debarment as a contractor and a subcontractor as provided in 29 CFR 5.12.

8. Compliance with Davis-Bacon and Related Act requirements. All rulings and interpretations of the Davis-Bacon and Related Acts contained in 29 CFR parts 1, 3, and 5 are herein incorporated by reference in this contract as provided in 29 CFR 5.5.

9. Disputes concerning labor standards. As provided in 29 CFR 5.5, disputes arising out of the labor standards provisions of this contract shall not be subject to the general disputes clause of this contract. Such disputes shall be resolved in accordance with the procedures of the Department of Labor set forth in 29 CFR parts 5, 6, and 7. Disputes within the meaning of this clause include disputes between the contractor (or any of its subcontractors) and the contracting agency, the U.S. Department of Labor, or the employees or their representatives.

10. Certification of eligibility. a. By entering into this contract, the contractor certifies that neither it nor any person or firm who has an interest in the contractor's firm is a person or firm ineligible to be awarded Government contracts by virtue of [40 U.S.C. 3144\(b\)](#) or § 5.12(a).

b. No part of this contract shall be subcontracted to any person or firm ineligible for award of a Government contract by virtue of [40 U.S.C. 3144\(b\)](#) or § 5.12(a).

c. The penalty for making false statements is prescribed in the U.S. Code, Title 18 Crimes and Criminal Procedure, [18 U.S.C. 1001](#).

11. Anti-retaliation. It is unlawful for any person to discharge, demote, intimidate, threaten, restrain, coerce, blacklist, harass, or in any other manner discriminate against, or to cause any person to discharge, demote, intimidate, threaten, restrain, coerce, blacklist, harass, or in any other manner discriminate against, any worker or job applicant for:

a. Notifying any contractor of any conduct which the worker reasonably believes constitutes a violation of the DBA, Related Acts, this part, or [29 CFR part 1](#) or [3](#);

b. Filing any complaint, initiating or causing to be initiated any proceeding, or otherwise asserting or seeking to assert on behalf of themselves or others any right or protection under the DBA, Related Acts, this part, or [29 CFR part 1](#) or [3](#);

c. Cooperating in any investigation or other compliance action, or testifying in any proceeding under the DBA, Related Acts, this part, or [29 CFR part 1](#) or [3](#); or

d. Informing any other person about their rights under the DBA, Related Acts, this part, or [29 CFR part 1](#) or [3](#).

IV. CONTRACT WORK HOURS AND SAFETY STANDARDS ACT

Pursuant to 29 CFR 5.5(b), the following clauses apply to any Federal-aid construction contract in an amount in excess of \$100,000 and subject to the overtime provisions of the

Contract Work Hours and Safety Standards Act. These clauses shall be inserted in addition to the clauses required by 29 CFR 5.5(a) or 29 CFR 4.6. As used in this paragraph, the terms laborers and mechanics include watchpersons and guards.

1. Overtime requirements. No contractor or subcontractor contracting for any part of the contract work which may require or involve the employment of laborers or mechanics shall require or permit any such laborer or mechanic in any workweek in which he or she is employed on such work to work in excess of forty hours in such workweek unless such laborer or mechanic receives compensation at a rate not less than one and one-half times the basic rate of pay for all hours worked in excess of forty hours in such workweek. 29 CFR 5.5.

2. Violation; liability for unpaid wages; liquidated damages. In the event of any violation of the clause set forth in paragraph 1. of this section the contractor and any subcontractor responsible therefor shall be liable for the unpaid wages and interest from the date of the underpayment. In addition, such contractor and subcontractor shall be liable to the United States (in the case of work done under contract for the District of Columbia or a territory, to such District or to such territory), for liquidated damages. Such liquidated damages shall be computed with respect to each individual laborer or mechanic, including watchpersons and guards, employed in violation of the clause set forth in paragraph 1. of this section, in the sum currently provided in 29 CFR 5.5(b)(2)* for each calendar day on which such individual was required or permitted to work in excess of the standard workweek of forty hours without payment of the overtime wages required by the clause set forth in paragraph 1. of this section.

* \$33 as of January 15, 2025 (See 90 FR 1859) as may be adjusted annually by the Department of Labor, pursuant to the Federal Civil Penalties Inflation Adjustment Act of 1990.

3. Withholding for unpaid wages and liquidated damages

a. *Withholding process.* The FHWA or the contracting agency may, upon its own action, or must, upon written request of an authorized representative of the Department of Labor, withhold or cause to be withheld from the contractor so much of the accrued payments or advances as may be considered necessary to satisfy the liabilities of the prime contractor or any subcontractor for any unpaid wages; monetary relief, including interest; and liquidated damages required by the clauses set forth in this section on this contract, any other Federal contract with the same prime contractor, or any other federally assisted contract subject to the Contract Work Hours and Safety Standards Act that is held by the same prime contractor (as defined in § 5.2). The necessary funds may be withheld from the contractor under this contract, any other Federal contract with the same prime contractor, or any other federally assisted contract that is subject to the Contract Work Hours and Safety Standards Act and is held by the same prime contractor, regardless of whether the other contract was awarded or assisted by the same agency, and such funds may be used to satisfy the contractor liability for which the funds were withheld.

b. *Priority to withheld funds.* The Department has priority to funds withheld or to be withheld in accordance with Section III paragraph 2.a. or paragraph 3.a. of this section, or both, over claims to those funds by:

(1) A contractor's surety(ies), including without limitation performance bond sureties and payment bond sureties;

(2) A contracting agency for its procurement costs;

(3) A trustee(s) (either a court-appointed trustee or a U.S. trustee, or both) in bankruptcy of a contractor, or a contractor's bankruptcy estate;

(4) A contractor's assignee(s);

(5) A contractor's successor(s); or

(6) A claim asserted under the Prompt Payment Act, [31 U.S.C. 3901](#)–3907.

4. Subcontracts. The contractor or subcontractor must insert in any subcontracts the clauses set forth in paragraphs 1. through 5. of this section and a clause requiring the subcontractors to include these clauses in any lower tier subcontracts. The prime contractor is responsible for compliance by any subcontractor or lower tier subcontractor with the clauses set forth in paragraphs 1. through 5. In the event of any violations of these clauses, the prime contractor and any subcontractor(s) responsible will be liable for any unpaid wages and monetary relief, including interest from the date of the underpayment or loss, due to any workers of lower-tier subcontractors, and associated liquidated damages and may be subject to debarment, as appropriate.

5. Anti-retaliation. It is unlawful for any person to discharge, demote, intimidate, threaten, restrain, coerce, blacklist, harass, or in any other manner discriminate against, or to cause any person to discharge, demote, intimidate, threaten, restrain, coerce, blacklist, harass, or in any other manner discriminate against, any worker or job applicant for:

a. Notifying any contractor of any conduct which the worker reasonably believes constitutes a violation of the Contract Work Hours and Safety Standards Act (CWHSSA) or its implementing regulations in this part;

b. Filing any complaint, initiating or causing to be initiated any proceeding, or otherwise asserting or seeking to assert on behalf of themselves or others any right or protection under CWHSSA or this part;

c. Cooperating in any investigation or other compliance action, or testifying in any proceeding under CWHSSA or this part; or

d. Informing any other person about their rights under CWHSSA or this part.

V. SUBLETTING OR ASSIGNING THE CONTRACT

This provision is applicable to all Federal-aid construction contracts on the National Highway System pursuant to 23 CFR 635.116.

1. The contractor shall perform with its own organization contract work amounting to not less than 30 percent (or a greater percentage if specified elsewhere in the contract) of

the total original contract price, excluding any specialty items designated by the contracting agency. Specialty items may be performed by subcontract and the amount of any such specialty items performed may be deducted from the total original contract price before computing the amount of work required to be performed by the contractor's own organization (23 CFR 635.116).

a. The term "perform work with its own organization" in paragraph 1. of this section refers to workers employed or leased by the prime contractor, and equipment owned or rented by the prime contractor, with or without operators. Such term does not include employees or equipment of a subcontractor or lower tier subcontractor, agents of the prime contractor, or any other assignees. The term may include payments for the costs of hiring leased employees from an employee leasing firm meeting all relevant Federal and State regulatory requirements. Leased employees may only be included in this term if the prime contractor meets all of the following conditions: (based on longstanding interpretation)

(1) the prime contractor maintains control over the supervision of the day-to-day activities of the leased employees;

(2) the prime contractor remains responsible for the quality of the work of the leased employees;

(3) the prime contractor retains all power to accept or exclude individual employees from work on the project; and

(4) the prime contractor remains ultimately responsible for the payment of predetermined minimum wages, the submission of payrolls, statements of compliance and all other Federal regulatory requirements.

b. "Specialty Items" shall be construed to be limited to work that requires highly specialized knowledge, abilities, or equipment not ordinarily available in the type of contracting organizations qualified and expected to bid or propose on the contract as a whole and in general are to be limited to minor components of the overall contract. 23 CFR 635.102.

2. Pursuant to 23 CFR 635.116(a), the contract amount upon which the requirements set forth in paragraph 1. of this section is computed includes the cost of material and manufactured products which are to be purchased or produced by the contractor under the contract provisions.

3. Pursuant to 23 CFR 635.116(c), the contractor shall furnish (a) a competent superintendent or supervisor who is employed by the firm, has full authority to direct performance of the work in accordance with the contract requirements, and is in charge of all construction operations (regardless of who performs the work) and (b) such other of its own organizational resources (supervision, management, and engineering services) as the contracting officer determines is necessary to assure the performance of the contract.

4. No portion of the contract shall be sublet, assigned or otherwise disposed of except with the written consent of the contracting officer, or authorized representative, and such consent when given shall not be construed to relieve the contractor of any responsibility for the fulfillment of the contract. Written consent will be given only after the contracting agency has assured that each subcontract is evidenced in writing and that it contains all pertinent provisions and requirements of the prime contract. (based on longstanding interpretation of 23 CFR 635.116).

5. The 30-percent self-performance requirement of paragraph (1) is not applicable to design-build contracts; however,

contracting agencies may establish their own self-performance requirements. 23 CFR 635.116(d).

VI. SAFETY: ACCIDENT PREVENTION

This provision is applicable to all Federal-aid construction contracts and to all related subcontracts.

1. In the performance of this contract the contractor shall comply with all applicable Federal, State, and local laws governing safety, health, and sanitation (23 CFR Part 635). The contractor shall provide all safeguards, safety devices and protective equipment and take any other needed actions as it determines, or as the contracting officer may determine, to be reasonably necessary to protect the life and health of employees on the job and the safety of the public and to protect property in connection with the performance of the work covered by the contract. 23 CFR 635.108.

2. It is a condition of this contract, and shall be made a condition of each subcontract, which the contractor enters into pursuant to this contract, that the contractor and any subcontractor shall not permit any employee, in performance of the contract, to work in surroundings or under conditions which are unsanitary, hazardous or dangerous to his/her health or safety, as determined under construction safety and health standards (29 CFR Part 1926) promulgated by the Secretary of Labor, in accordance with Section 107 of the Contract Work Hours and Safety Standards Act (40 U.S.C. 3704). 29 CFR 1926.10.

3. Pursuant to 29 CFR 1926.3, it is a condition of this contract that the Secretary of Labor or authorized representative thereof, shall have right of entry to any site of contract performance to inspect or investigate the matter of compliance with the construction safety and health standards and to carry out the duties of the Secretary under Section 107 of the Contract Work Hours and Safety Standards Act (40 U.S.C. 3704).

VII. FALSE STATEMENTS CONCERNING HIGHWAY PROJECTS

This provision is applicable to all Federal-aid construction contracts and to all related subcontracts.

In order to assure high quality and durable construction in conformity with approved plans and specifications and a high degree of reliability on statements and representations made by engineers, contractors, suppliers, and workers on Federal-aid highway projects, it is essential that all persons concerned with the project perform their functions as carefully, thoroughly, and honestly as possible. Willful falsification, distortion, or misrepresentation with respect to any facts related to the project is a violation of Federal law. To prevent any misunderstanding regarding the seriousness of these and similar acts, Form FHWA-1022 shall be posted on each Federal-aid highway project (23 CFR Part 635) in one or more places where it is readily available to all persons concerned with the project:

18 U.S.C. 1020 reads as follows:

"Whoever, being an officer, agent, or employee of the United States, or of any State or Territory, or whoever, whether a person, association, firm, or corporation, knowingly makes any false statement, false representation, or false report as to the

character, quality, quantity, or cost of the material used or to be used, or the quantity or quality of the work performed or to be performed, or the cost thereof in connection with the submission of plans, maps, specifications, contracts, or costs of construction on any highway or related project submitted for approval to the Secretary of Transportation; or

Whoever knowingly makes any false statement, false representation, false report or false claim with respect to the character, quality, quantity, or cost of any work performed or to be performed, or materials furnished or to be furnished, in connection with the construction of any highway or related project approved by the Secretary of Transportation; or

Whoever knowingly makes any false statement or false representation as to material fact in any statement, certificate, or report submitted pursuant to provisions of the Federal-aid Roads Act approved July 11, 1916, (39 Stat. 355), as amended and supplemented;

Shall be fined under this title or imprisoned not more than 5 years or both."

VIII. IMPLEMENTATION OF CLEAN AIR ACT AND FEDERAL WATER POLLUTION CONTROL ACT (42 U.S.C. 7606; 2 CFR 200.88; EO 11738)

This provision is applicable to all Federal-aid construction contracts in excess of \$150,000 and to all related subcontracts. 48 CFR 2.101; 2 CFR 200.327.

By submission of this bid/proposal or the execution of this contract or subcontract, as appropriate, the bidder, proposer, Federal-aid construction contractor, subcontractor, supplier, or vendor agrees to comply with all applicable standards, orders or regulations issued pursuant to the Clean Air Act (42 U.S.C. 7401-7671q) and the Federal Water Pollution Control Act, as amended (33 U.S.C. 1251-1387). Violations must be reported to the Federal Highway Administration and the Regional Office of the Environmental Protection Agency. 2 CFR Part 200, Appendix II.

The contractor agrees to include or cause to be included the requirements of this Section in every subcontract, and further agrees to take such action as the contracting agency may direct as a means of enforcing such requirements. 2 CFR 200.327.

IX. CERTIFICATION REGARDING DEBARMENT, SUSPENSION, INELIGIBILITY AND VOLUNTARY EXCLUSION

This provision is applicable to all Federal-aid construction contracts, design-build contracts, subcontracts, lower-tier subcontracts, purchase orders, lease agreements, consultant contracts or any other covered transaction requiring FHWA approval or that is estimated to cost \$25,000 or more – as defined in 2 CFR Parts 180 and 1200. 2 CFR 180.220 and 1200.220.

1. Instructions for Certification – First Tier Participants:

a. By signing and submitting this proposal, the prospective first tier participant is providing the certification set out below.

b. The inability of a person to provide the certification set out below will not necessarily result in denial of participation in this

covered transaction. The prospective first tier participant shall submit an explanation of why it cannot provide the certification set out below. The certification or explanation will be considered in connection with the department or agency's determination whether to enter into this transaction. However, failure of the prospective first tier participant to furnish a certification or an explanation shall disqualify such a person from participation in this transaction. 2 CFR 180.320.

c. The certification in this clause is a material representation of fact upon which reliance was placed when the contracting agency determined to enter into this transaction. If it is later determined that the prospective participant knowingly rendered an erroneous certification, in addition to other remedies available to the Federal Government, the contracting agency may terminate this transaction for cause of default. 2 CFR 180.325.

d. The prospective first tier participant shall provide immediate written notice to the contracting agency to whom this proposal is submitted if any time the prospective first tier participant learns that its certification was erroneous when submitted or has become erroneous by reason of changed circumstances. 2 CFR 180.345 and 180.350.

e. The terms "covered transaction," "debarred," "suspended," "ineligible," "participant," "person," "principal," and "voluntarily excluded," as used in this clause, are defined in 2 CFR Parts 180, Subpart I, 180.900-180.1020, and 1200. "First Tier Covered Transactions" refers to any covered transaction between a recipient or subrecipient of Federal funds and a participant (such as the prime or general contract). "Lower Tier Covered Transactions" refers to any covered transaction under a First Tier Covered Transaction (such as subcontracts). "First Tier Participant" refers to the participant who has entered into a covered transaction with a recipient or subrecipient of Federal funds (such as the prime or general contractor). "Lower Tier Participant" refers any participant who has entered into a covered transaction with a First Tier Participant or other Lower Tier Participants (such as subcontractors and suppliers).

f. The prospective first tier participant agrees by submitting this proposal that, should the proposed covered transaction be entered into, it shall not knowingly enter into any lower tier covered transaction with a person who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this covered transaction, unless authorized by the department or agency entering into this transaction. 2 CFR 180.330.

g. The prospective first tier participant further agrees by submitting this proposal that it will include the clause titled "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion-Lower Tier Covered Transactions," provided by the department or contracting agency, entering into this covered transaction, without modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions exceeding the \$25,000 threshold. 2 CFR 180.220 and 180.300.

h. A participant in a covered transaction may rely upon a certification of a prospective participant in a lower tier covered transaction that is not debarred, suspended, ineligible, or voluntarily excluded from the covered transaction, unless it knows that the certification is erroneous. 2 CFR 180.300; 180.320, and 180.325. A participant is responsible for ensuring that its principals are not suspended, debarred, or otherwise ineligible to participate in covered transactions. 2 CFR 180.335. To verify the eligibility of its principals, as well as the

eligibility of any lower tier prospective participants, each participant may, but is not required to, check the System for Award Management website (<https://www.sam.gov/>). 2 CFR 180.300, 180.320, and 180.325.

i. Nothing contained in the foregoing shall be construed to require the establishment of a system of records in order to render in good faith the certification required by this clause. The knowledge and information of the prospective participant is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.

j. Except for transactions authorized under paragraph (f) of these instructions, if a participant in a covered transaction knowingly enters into a lower tier covered transaction with a person who is suspended, debarred, ineligible, or voluntarily excluded from participation in this transaction, in addition to other remedies available to the Federal Government, the department or agency may terminate this transaction for cause or default. 2 CFR 180.325.

* * * * *

2. Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion – First Tier Participants:

a. The prospective first tier participant certifies to the best of its knowledge and belief, that it and its principals:

(1) Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participating in covered transactions by any Federal department or agency, 2 CFR 180.335;

(2) Have not within a three-year period preceding this proposal been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State, or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property, 2 CFR 180.800;

(3) Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State or local) with commission of any of the offenses enumerated in paragraph (a)(2) of this certification, 2 CFR 180.700 and 180.800; and

(4) Have not within a three-year period preceding this application/proposal had one or more public transactions (Federal, State or local) terminated for cause or default. 2 CFR 180.335(d).

(5) Are not a corporation that has been convicted of a felony violation under any Federal law within the two-year period preceding this proposal (USDOT Order 4200.6 implementing appropriations act requirements); and

(6) Are not a corporation with any unpaid Federal tax liability that has been assessed, for which all judicial and administrative remedies have been exhausted, or have lapsed, and that is not being paid in a timely manner pursuant to an agreement with the authority responsible for collecting the tax liability (USDOT Order 4200.6 implementing appropriations act requirements).

b. Where the prospective participant is unable to certify to any of the statements in this certification, such prospective participant should attach an explanation to this proposal. 2 CFR 180.335 and 180.340.

* * * * *

3. Instructions for Certification - Lower Tier Participants:

(Applicable to all subcontracts, purchase orders, and other lower tier transactions requiring prior FHWA approval or estimated to cost \$25,000 or more - 2 CFR Parts 180 and 1200). 2 CFR 180.220 and 1200.220.

a. By signing and submitting this proposal, the prospective lower tier participant is providing the certification set out below.

b. The certification in this clause is a material representation of fact upon which reliance was placed when this transaction was entered into. If it is later determined that the prospective lower tier participant knowingly rendered an erroneous certification, in addition to other remedies available to the Federal Government, the department, or agency with which this transaction originated may pursue available remedies, including suspension and/or debarment.

c. The prospective lower tier participant shall provide immediate written notice to the person to which this proposal is submitted if at any time the prospective lower tier participant learns that its certification was erroneous by reason of changed circumstances. 2 CFR 180.365.

d. The terms "covered transaction," "debarred," "suspended," "ineligible," "participant," "person," "principal," and "voluntarily excluded," as used in this clause, are defined in 2 CFR Parts 180, Subpart I, 180.900 – 180.1020, and 1200. You may contact the person to which this proposal is submitted for assistance in obtaining a copy of those regulations. "First Tier Covered Transactions" refers to any covered transaction between a recipient or subrecipient of Federal funds and a participant (such as the prime or general contract). "Lower Tier Covered Transactions" refers to any covered transaction under a First Tier Covered Transaction (such as subcontracts). "First Tier Participant" refers to the participant who has entered into a covered transaction with a recipient or subrecipient of Federal funds (such as the prime or general contractor). "Lower Tier Participant" refers to any participant who has entered into a covered transaction with a First Tier Participant or other Lower Tier Participants (such as subcontractors and suppliers).

e. The prospective lower tier participant agrees by submitting this proposal that, should the proposed covered transaction be entered into, it shall not knowingly enter into any lower tier covered transaction with a person who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this covered transaction, unless authorized by the department or agency with which this transaction originated. 2 CFR 1200.220 and 1200.332.

f. The prospective lower tier participant further agrees by submitting this proposal that it will include this clause titled "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion-Lower Tier Covered Transaction," without modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions exceeding the \$25,000 threshold. 2 CFR 180.220 and 1200.220.

g. A participant in a covered transaction may rely upon a certification of a prospective participant in a lower tier covered

transaction that is not debarred, suspended, ineligible, or voluntarily excluded from the covered transaction, unless it knows that the certification is erroneous. A participant is responsible for ensuring that its principals are not suspended, debarred, or otherwise ineligible to participate in covered transactions. To verify the eligibility of its principals, as well as the eligibility of any lower tier prospective participants, each participant may, but is not required to, check the System for Award Management website (<https://www.sam.gov/>), which is compiled by the General Services Administration. 2 CFR 180.300, 180.320, 180.330, and 180.335.

h. Nothing contained in the foregoing shall be construed to require establishment of a system of records in order to render in good faith the certification required by this clause. The knowledge and information of participant is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.

i. Except for transactions authorized under paragraph e of these instructions, if a participant in a covered transaction knowingly enters into a lower tier covered transaction with a person who is suspended, debarred, ineligible, or voluntarily excluded from participation in this transaction, in addition to other remedies available to the Federal Government, the department or agency with which this transaction originated may pursue available remedies, including suspension and/or debarment. 2 CFR 180.325.

* * * * *

4. Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion--Lower Tier Participants:

a. The prospective lower tier participant certifies, by submission of this proposal, that neither it nor its principals:

(1) is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participating in covered transactions by any Federal department or agency, 2 CFR 180.355;

(2) is a corporation that has been convicted of a felony violation under any Federal law within the two-year period preceding this proposal (USDOT Order 4200.6 implementing appropriations act requirements); and

(3) is a corporation with any unpaid Federal tax liability that has been assessed, for which all judicial and administrative remedies have been exhausted, or have lapsed, and that is not being paid in a timely manner pursuant to an agreement with the authority responsible for collecting the tax liability. (USDOT Order 4200.6 implementing appropriations act requirements)

b. Where the prospective lower tier participant is unable to certify to any of the statements in this certification, such prospective participant should attach an explanation to this proposal.

* * * * *

X. CERTIFICATION REGARDING USE OF CONTRACT FUNDS FOR LOBBYING

This provision is applicable to all Federal-aid construction contracts and to all related subcontracts which exceed \$100,000. 49 CFR Part 20, App. A.

1. The prospective participant certifies, by signing and submitting this bid or proposal, to the best of his or her knowledge and belief, that:

a. No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any Federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.

b. If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any Federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.

2. This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by 31 U.S.C. 1352. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

3. The prospective participant also agrees by submitting its bid or proposal that the participant shall require that the language of this certification be included in all lower tier subcontracts, which exceed \$100,000 and that all such recipients shall certify and disclose accordingly.

XI. USE OF UNITED STATES-FLAG VESSELS:

This provision is applicable to all Federal-aid construction contracts, design-build contracts, subcontracts, lower-tier subcontracts, purchase orders, lease agreements, or any other covered transaction. 46 CFR Part 381.

This requirement applies to material or equipment that is acquired for a specific Federal-aid highway project. 46 CFR 381.7. It is not applicable to goods or materials that come into inventories independent of an FHWA funded-contract.

When oceanic shipments (or shipments across the Great Lakes) are necessary for materials or equipment acquired for a specific Federal-aid construction project, the bidder, proposer, contractor, subcontractor, or vendor agrees:

1. To utilize privately owned United States-flag commercial vessels to ship at least 50 percent of the gross tonnage (computed separately for dry bulk carriers, dry cargo liners, and tankers) involved, whenever shipping any equipment, material, or commodities pursuant to this contract, to the

extent such vessels are available at fair and reasonable rates for United States-flag commercial vessels. 46 CFR 381.7.

2. To furnish within 20 days following the date of loading for shipments originating within the United States or within 30 working days following the date of loading for shipments originating outside the United States, a legible copy of a rated, 'on-board' commercial ocean bill-of-lading in English for each shipment of cargo described in paragraph (b)(1) of this section to both the Contracting Officer (through the prime contractor in the case of subcontractor bills-of-lading) and to the Office of Cargo and Commercial Sealift (MAR-620), Maritime Administration, Washington, DC 20590. (MARAD requires copies of the ocean carrier's (master) bills of lading, certified onboard, dated, with rates and charges. These bills of lading may contain business sensitive information and therefore may be submitted directly to MARAD by the Ocean Transportation Intermediary on behalf of the contractor). 46 CFR 381.7.

**ATTACHMENT A - EMPLOYMENT AND MATERIALS
PREFERENCE FOR APPALACHIAN DEVELOPMENT
HIGHWAY SYSTEM OR APPALACHIAN LOCAL ACCESS
ROAD CONTRACTS** (40 U.S.C. sections 14501(d) and 14701
and the Appalachian Regional Commission Code as
authorized under 40 U.S.C. section 14302)

This provision is applicable to all Federal-aid projects funded
under the Appalachian Regional Development Act of 1965.

1. During the performance of this contract, the contractor
undertaking to do work which is, or reasonably may be, done
as on-site work, shall give preference to qualified persons who
regularly reside in the labor area as designated by the DOL
wherein the contract work is situated, or the subregion, or the
Appalachian counties of the State wherein the contract work is
situated, except:

a. To the extent that qualified persons regularly residing in
the area are not available.

b. For the reasonable needs of the contractor to employ
supervisory or specially experienced personnel necessary to
assure an efficient execution of the contract work.

c. For the obligation of the contractor to offer employment to
present or former employees as the result of a lawful collective
bargaining contract, provided that the number of nonresident
persons employed under this subparagraph (1c) shall not
exceed 20 percent of the total number of employees employed
by the contractor on the contract work, except as provided in
subparagraph (4) below.

2. The contractor shall place a job order with the State
Employment Service indicating (a) the classifications of the
laborers, mechanics and other employees required to perform
the contract work, (b) the number of employees required in
each classification, (c) the date on which the participant
estimates such employees will be required, and (d) any other
pertinent information required by the State Employment
Service to complete the job order form. The job order may be
placed with the State Employment Service in writing or by
telephone. If during the course of the contract work, the
information submitted by the contractor in the original job order
is substantially modified, the participant shall promptly notify
the State Employment Service.

3. The contractor shall give full consideration to all qualified
job applicants referred to him by the State Employment
Service. The contractor is not required to grant employment to
any job applicants who, in his opinion, are not qualified to
perform the classification of work required.

4. If, within one week following the placing of a job order by
the contractor with the State Employment Service, the State
Employment Service is unable to refer any qualified job
applicants to the contractor, or less than the number
requested, the State Employment Service will forward a
certificate to the contractor indicating the unavailability of
applicants. Such certificate shall be made a part of the
contractor's permanent project records. Upon receipt of this
certificate, the contractor may employ persons who do not
normally reside in the labor area to fill positions covered by the
certificate, notwithstanding the provisions of subparagraph (1c)
above.

5. The provisions of 40 U.S.C. 14501 allow the contracting
agency to provide a contractual preference for the use of
mineral resource materials native to the Appalachian region.

6. The contractor shall include the provisions of Sections 1
through 4 of this Attachment A in every subcontract for work
which is, or reasonably may be, done as on-site work.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION NO. 907-803-11

CODE: (SP)

DATE: 08/20/2026

SUBJECT: PDA Test Pile and Conventional Load Test

PROJECT: BR-0051-02(023) / 102383302 – Tallahatchie County

Section 803, Deep Foundations, of the 2017 Edition of the Mississippi Standard Specifications for Road and Bridge Construction is hereby amended as follows.

907-803.03--Construction Requirements.

907-803.03.1--Driven Piles.

907-803.03.1.9--Determination of Bearing Value of Piling.

907-803.03.1.9.4--Determination of Bearing Value by Static Load Testing.

907-803.03.1.9.4.2--Conventional Static Load Testing of Piling. Delete Subsections 803.03.1.9.4.2.1, 803.03.1.9.4.2.2, & 803.03.1.9.4.2.3 on pages 908 thru 910, and substitute the following.

907-803.03.1.9.4.2.1--General. Two piles shall be static load tested with PDA monitoring (one 24-inch open-ended steel pipe pile with constrictor plate and one 36-inch open-ended steel pipe pile with constrictor plate) and shall be installed as indicated in the plans to the specified tip elevations or as directed by the Engineer. Before completion of the static load test the following shall be implemented:

1. Perform a PDA monitored test during initial drive of the test pile.
2. Perform a PDA monitored restrike a minimum of 3 to 5 days following the initial drive of the test pile.
3. Drive anchor piles and build reaction frame.
4. Following 7-day waiting period, starting after last anchor pile is driven perform a static load test to determine the ultimate bearing capacity of the pile.
5. Perform a PDA monitored restrike a minimum of 24 hours after completion of the end of the static load test.
6. Perform a PDA monitored restrike a minimum of 30 days after the 24-hour restrike.

Performance requirements related to pile installation, PDA testing, and static load tests and measurement are described in Subsection 803.04.11 -- PDA Test Piles and Conventional Load Test.

24-inch Open-Ended SPP with Constrictor Plate Static Load Test near Station 382+00

The pile to be static load tested shall be located near Station 382+00 of proposed SR 32 and shall be 145 feet in length. The pile shall be driven to a minimum tip elevation of EL 113.2 feet, NAVD, or below as directed by the Geotechnical Engineer. For the 24-inch open-ended SPP with constrictor plate to be static load tested, the maximum anticipated failure load is 546 tons.

36-inch Open-Ended SPP with Constrictor Plate Static Load Test near Station 409+27

The pile to be static load tested shall be located near Station 409+27 of proposed SR 32 and shall be 130 feet in length. The pile shall be driven to a minimum tip elevation of EL 82.9 feet, NAVD, or below as directed by the Geotechnical Engineer. For the 36-inch open-ended SPP with constrictor plate to be static load tested, the maximum anticipated failure load is 423 tons.

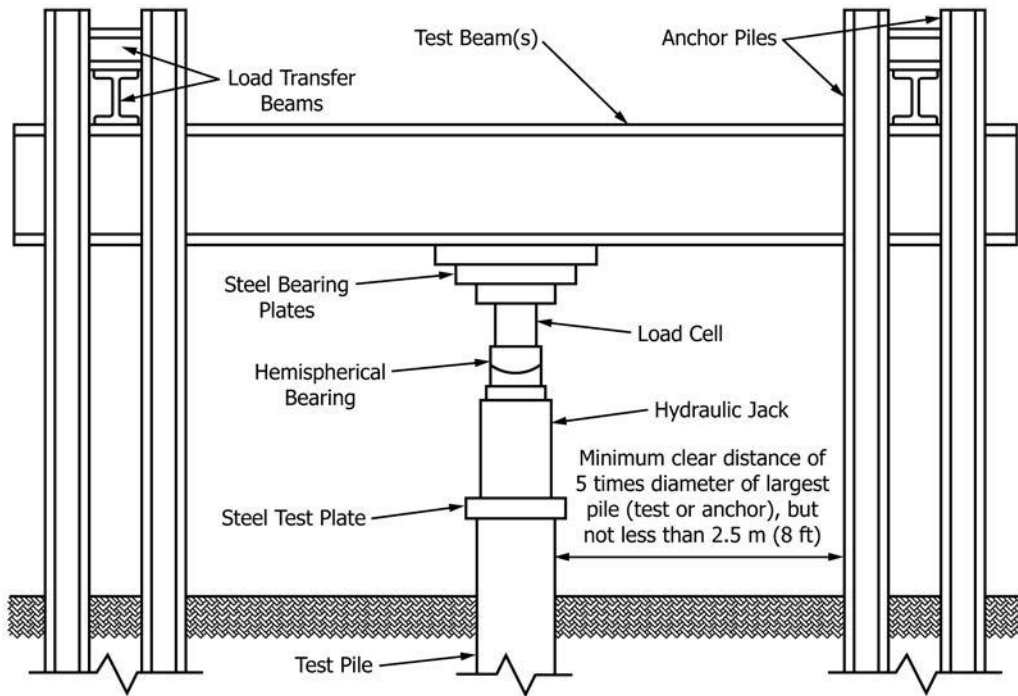
907-803.03.1.9.4.2.2--Contractor Requirements. The Contractor shall be responsible for furnishing the following for each of the two static load tests:

- (a) A reaction load frame capable of resisting a total load of at least 1.5 times the anticipated failure load called for herein. The frame shall consist of a beam or girder that will carry the above load while sustaining only minor deflections in the reaction system. The beam or girder shall be attached to a system of anchor piles. The anchor piles shall not be closer to the test pile than three (3) times the diameter (width) of the pile to be tested and not less than eight feet (8'). See Figure 1 for additional reaction load frame requirements.
- (b) A hydraulic jack that has been calibrated for the full range of anticipated loads in accordance with AASHTO T 67 (ASTM E 4) at least once. The jack shall be capable of applying at least 130% of the maximum anticipated test load (anticipated failure load) called for. The pressure gauge shall be calibrated within one year preceding the time of use and whenever there is a reason to doubt the accuracy of the results. The Contractor shall furnish a certificate of calibration for the hydraulic jack at the time of static load testing. In addition, the Contractor shall furnish a properly constructed load cell in series with each hydraulic jack. The Contractor shall furnish a certificate of calibration for each load cell at the time of static load testing. The calibration shall have been performed to at least the maximum anticipated jack load and within six (6) months of the load test.
- (c) A measuring frame or a reference beam for measuring the movement of the pile during testing. Two dial gauges, supplied by the Contractor, will be attached to the pile as indicated on Figure 1. Each dial gauge shall be actuated by its stem or by a stem attachment resting on the measuring frame. The supports for the measuring frame shall be placed at the maximum practical distance from the test pile and the anchor piles for the reaction load frame. In no case should the measuring frame be affected by movement of the test pile or the anchor piles.
- (d) After the PDA Operator/Geotechnical Engineer performs the minimum 3 to 5 day restrike of the test pile the Contractor shall be allowed to remove pile stick-up to the grade required to build the reaction frame for the static load test.
- (e) In the case of an out-of-position pile, the pile shall be removed or broken-off after the completion of all testing such that the remaining pile is at least two feet (2') below the ground or mud line.
- (f) The Contractor shall supply the Geotechnical Engineer with a copy of the final load test report.

907-803.03.1.9.4.2.3--Methods and Equipment. Personnel from the Department's Geotechnical Branch will assist in the setup and will be responsible for monitoring the performance of the test. The Contractor will be required to furnish all materials, equipment, labor, and incidentals necessary for conducting the static load test and reporting the results. The Contractor shall subcontract the instrumenting, conducting, and reporting of the static load test to the company supplying the instrumentation with the cost included in the contract unit price for the static load test. In addition, materials sufficient to construct a protected work area, including provisions such as a tent or shed for protection from inclement weather for the load test equipment and testing personnel. The static load test will be performed in accordance with ASTM D 1143-07, Procedure "A - Quick Test Method." Attention is called to ASTM D1143-07, Subsection 9.1.5: *"The test beam(s), reaction frame, anchor piles and other anchoring devices, test boxes, and their connections and supports shall be designed and approved by a qualified engineer and installed to transmit the required loads with an adequate factor of safety."*

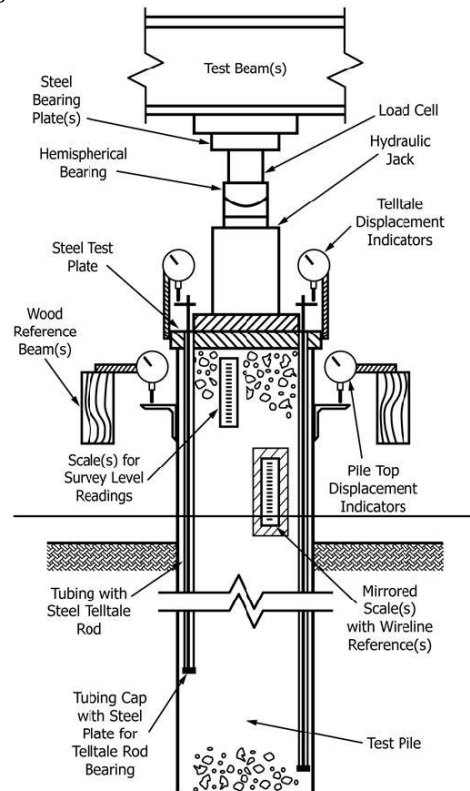
A waiting period of seven (7) calendar days shall be observed beginning after all the reaction piles have been driven but prior to static load testing.

Figure 1 Static Load Test



Note: Drawing Not to Scale

Figure 2 – Schematic of Instrumentation



907-803.05--Basis of Payment. Add the following to the list of pay items on page 935.

907-803-H: PDA Test Pile and Conventional Load Test

- per each

Bridge Replacements on SR 32 between Webb & Charleston (Bridge Nos. 45.6, 46.2 & 47.0), known as Federal Aid Project No. BR-0051-02(023) / 102383302 in Tallahatchie County.

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
Roadway Items					
0010	201-A001		1	Lump Sum	Clearing and Grubbing
0020	201-B001		5	Acre	Clearing and Grubbing
0030	202-B007		11,427	Square Yard	Removal of Asphalt Pavement, All Depths
0040	202-B023		3	Each	Removal of Bridge
0060	202-B150		1,774	Linear Feet	Removal of Guard Rail Including Post, Blockouts & Hardware
0070	202-B191		431	Linear Feet	Removal of Pipe, 8" And Above
0080	202-B240		5,385	Linear Feet	Removal of Traffic Stripe
0090	203-A001	(E)	22,476	Cubic Yard	Unclassified Excavation, FM, AH
0100	203-EX021	(E)	137,285	Cubic Yard	Borrow Excavation, AH, FME, Class B9-6
0110	203-G001	(E)	21,295	Cubic Yard	Excess Excavation, FM, AH
0120	206-A001	(S)	270	Cubic Yard	Structure Excavation
0130	209-A005		26,709	Square Yard	Geotextile Stabilization, Type V, Non-Woven
0140	211-B001	(E)	6,353	Cubic Yard	Topsoil for Slope Treatment, Contractor Furnished
0150	213-C001		12	Ton	Superphosphate
0160	216-A001		926	Square Yard	Solid Sodding
0170	219-A001		19	Thousand Gallon	Watering [\$20.00]
0180	220-A001		22	Acre	Insect Pest Control [\$30.00]
0190	221-A001	(S)	23	Cubic Yard	Concrete Paved Ditch
0200	223-A001		44	Acre	Mowing [\$70.00]
0210	225-A001		24	Acre	Grassing
0220	225-B001		12	Ton	Agricultural Limestone
0230	225-C001		48	Ton	Mulch, Vegetative Mulch
0240	226-A001		24	Acre	Temporary Grassing
0242	230-B091		114	Each	Tree Planting, Water Oak
0244	230-B110		113	Each	Tree Planting, Chickasaw Plum
0250	236-A008		5	Each	Silt Basin, Type D
0260	237-A002		1,568	Linear Feet	Wattles, 20"
0270	245-A001		1,568	Linear Feet	Silt Dike
0280	246-A001		12,540	Linear Feet	Sandbags
0290	249-A001		1,587	Ton	Riprap for Erosion Control
0300	304-B004	(GT)	5,118	Ton	Granular Material, Class 5, Group D
0310	406-D001		5,546	Square Yard	Fine Milling of Bituminous Pavement, All Depths

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
0320	408-A002	(A3)	196	Gallon	Asphalt for Prime Coat, Cut-Back MC-70 or Emulsified EA-1
0330	423-A001		4	Mile	Rumble Strips, Ground In
0340	501-K001		91	Square Yard	Transverse Grooving
0350	503-C010		1,119	Linear Feet	Saw Cut, Full Depth
0360	602-A001	(S)	260	Pounds	Reinforcing Steel
0370	603-ALT003	(S)	600	Linear Feet	18" Type A Alternate Pipe
0380	603-CA011	(S)	48	Linear Feet	18" Reinforced Concrete Pipe, Class III
0390	603-CA026	(S)	216	Linear Feet	24" Reinforced Concrete Pipe, Class III
0400	603-CA040	(S)	120	Linear Feet	30" Reinforced Concrete Pipe, Class III
0410	603-CA055	(S)	168	Linear Feet	36" Reinforced Concrete Pipe, Class III
0420	603-CB003	(S)	2	Each	18" Reinforced Concrete End Section
0430	603-CB004	(S)	4	Each	24" Reinforced Concrete End Section
0440	603-CB005	(S)	1	Each	30" Reinforced Concrete End Section
0450	603-CB006	(S)	4	Each	36" Reinforced Concrete End Section
0460	605-AA001	(S)	226	Square Yard	Geotextile for Subsurface Drainage, Type III
0470	605-I001	(S)	3	Linear Feet	Edge Drain Outlets/Vents
0480	605-O002	(S)	298	Linear Feet	4" Perforated Sewer Pipe for Underdrains, SDR 23.5
0490	605-P002	(S)	573	Linear Feet	4" Non-perforated Sewer Pipe for Underdrains, SDR 23.5
0500	605-W001	(GY)	19	Cubic Yard	Filter Material for Combination Storm Drain and/or Underdrains, Type A, FM
0510	606-B001		1,275	Linear Feet	Guard Rail, Class A, Type 1
0520	606-D022		12	Each	Guard Rail, Bridge End Section, Type I
0530	606-E005		12	Each	Guard Rail, Terminal End Section, Flared
0540	609-D003	(S)	295	Linear Feet	Combination Concrete Curb and Gutter Type 2
0550	614-B001	(S)	1,730	Square Yard	Concrete Driveway, With Reinforcement
0560	615-A024	(S)	120	Linear Feet	Concrete Bridge End Barrier, 37.5"
0570	616-A001	(S)	65	Square Yard	Concrete Median and/or Island Pavement, 10-inch
0580	617-A001		26	Each	Right-of-Way Marker
0590	618-C001		1	Lump Sum	Construction and Removal of Detour Bridge
0600	618-E001		1,602	Linear Feet	Detour Bridge Piling
0610	618-F001		1	Lump Sum	Detour Bridge PDA Test Pile
0620	619-A1001		3	Mile	Temporary Traffic Stripe, Continuous White
0630	619-A2001		3	Mile	Temporary Traffic Stripe, Continuous Yellow
0640	619-A5002		3,875	Linear Feet	Temporary Traffic Stripe, Detail, Paint

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
0650	619-A5003		1,089	Linear Feet	Temporary Traffic Stripe, Detail, Type 1 Tape
0660	619-A5004		2,810	Linear Feet	Temporary Traffic Stripe, Detail, Type 1 or 2 Tape
0670	619-D1001		279	Square Feet	Standard Roadside Construction Signs, Less than 10 Square Feet
0680	619-D2001		690	Square Feet	Standard Roadside Construction Signs, 10 Square Feet or More
0690	619-F3001		8	Each	Delineators, Guard Rail, White
0700	619-G4001		552	Linear Feet	Barricades, Type III, Double Faced
0710	619-G5001		48	Each	Free Standing Plastic Drums
0720	619-G7001		10	Each	Warning Lights, Type "B"
0730	619-K2001		4	Each	Installation and Removal of Guard Rail, Bridge End Section
0740	619-K4001		4	Each	Installation and Removal of Guardrail, Terminal End Section
0750	620-A001		1	Lump Sum	Mobilization
0760	621-A001		1	Each	Field Laboratory
0770	630-A001		39	Square Feet	Standard Roadside Signs, Sheet Aluminum, 0.080" Thickness
0780	630-A003		144	Square Feet	Standard Roadside Signs, Sheet Aluminum, 0.125" Thickness
0790	630-A005		8	Square Feet	Standard Roadside Signs, Sheet Aluminum, 0.1" Thickness
0800	630-C001		90	Linear Feet	Square Tube Posts, 4.0 lb/ft
0810	630-C005		170	Linear Feet	Square Tube Posts, 2.0 lb/ft
0820	630-F006		66	Each	Delineators, Guard Rail, White
0830	630-G004		12	Each	Type 3 Object Markers, OM-3R or OM-3L
0840	699-A001		1	Lump Sum	Roadway Construction Stakes
0850	815-A002	(S)	347	Ton	Loose Riprap, Size 100
0860	815-A007	(S)	500	Ton	Loose Riprap, Size 300
0870	815-E001	(S)	276	Square Yard	Geotextile under Riprap
0880	815-F002	(S)	106	Ton	Sediment Control Stone
0890	907-207-A001		4	Each	Settlement Plate
0900	907-234-A001		23,100	Linear Feet	Temporary Silt Fence
0910	907-253-A001		500	Linear Feet	Coir Fiber Baffle
0920	907-403-A003	(BA1)	2,259	Ton	12.5-mm, ST, Asphalt Pavement
0930	907-403-A006	(BA1)	2,735	Ton	19-mm, ST, Asphalt Pavement
0940	907-403-A015	(BA1)	2,710	Ton	9.5-mm, ST, Asphalt Pavement
0950	907-403-B003	(BA1)	132	Ton	12.5-mm, ST, Asphalt Pavement, Leveling
0952	907-403-C003	(BA1)	775	Ton	19-mm, ST, Asphalt Pavement, Trench Widening
0960	907-407-A001	(A2)	4,284	Gallon	Asphalt for Tack Coat

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
0970	907-413-E001		264	Linear Feet	Sawing and Sealing Transverse Joints in Asphalt Pavement
0980	907-502-A001	(C)	630	Square Yard	Reinforced Cement Concrete Bridge End Pavement
0990	907-601-B001	(S)	4	Cubic Yard	Class "B" Structural Concrete, Minor Structures
1000	907-618-A001		1	Lump Sum	Maintenance of Traffic
1010	907-626-B006		4	Mile	6" Thermoplastic Traffic Stripe, Continuous White
1020	907-626-D005		2	Mile	6" Thermoplastic Traffic Stripe, Skip Yellow
1030	907-626-E005		1	Mile	6" Thermoplastic Traffic Stripe, Continuous Yellow
1040	907-626-G004		1,110	Linear Feet	Thermoplastic Detail Stripe, White
1050	907-626-G005		190	Linear Feet	Thermoplastic Detail Stripe, Yellow
1060	907-626-H010		277	Linear Feet	Thermoplastic Legend, White
1070	907-627-J001		114	Each	Two-Way Clear Reflective High Performance Raised Markers
1080	907-627-L001		132	Each	Two-Way Yellow Reflective High Performance Raised Markers
1090	907-906001		520	Hours	Trainees [\$5.00]
ALTERNATE GROUP AA NUMBER 1					
1100	304-F001	(GT)	12,804	Ton	3/4" and Down Crushed Stone Base
ALTERNATE GROUP AA NUMBER 2					
1110	304-F002	(GT)	12,804	Ton	Size 610 Crushed Stone Base
ALTERNATE GROUP AA NUMBER 3					
1120	304-F003	(GT)	12,804	Ton	Size 825B Crushed Stone Base
ALTERNATE GROUP BB NUMBER 1					
1130	605-W002	(GY)	174	Cubic Yard	Filter Material for Combination Storm Drain and/or Underdrains, Type B, FM
ALTERNATE GROUP BB NUMBER 2					
1140	605-W003	(GY)	174	Cubic Yard	Filter Material for Combination Storm Drain and/or Underdrains, Type C, FM
Bridge Items					
1150	501-K001		6,993	Square Yard	Transverse Grooving
1160	803-D007	(S)	4,725	Linear Feet	HP 14 x 89 Steel Piling
1170	803-K001	(S)	1,620	Linear Feet	Drilled Shaft, 102" Diameter
1180	803-K010	(S)	900	Linear Feet	Drilled Shaft, 72" Diameter
1190	803-L006	(S)	1	Each	Test Shaft, 72" Diameter
1200	803-L011	(S)	1	Each	Test Shaft, 102" Diameter
1210	803-M001	(S)	175	Linear Feet	Trial Shaft, 102" Diameter
1220	803-N001	(S)	210	Linear Feet	Exploration
1230	803-O001	(S)	540	Linear Feet	Permanent Casing, 102" Diameter

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
1240	803-O011	(S)	450	Linear Feet	Permanent Casing, 72" Diameter
1250	803-P001	(S)	1,900	Linear Feet	24" Steel Pipe Piling, Wall Thickness 0.500"
1260	803-P013	(S)	880	Linear Feet	36" Steel Pipe Piling, Wall Thickness 1"
1270	804-C188	(S)	1,988	Linear Feet	80' Prestressed Concrete Beam, Type FIB-36
1280	804-C189	(S)	548	Linear Feet	110' Prestressed Concrete Beam, Type FIB-54
1290	804-C210	(S)	790	Linear Feet	40' Prestressed Concrete Beam, Type MFIB-25
1300	804-C270	(S)	1,793	Linear Feet	120' Prestressed Concrete Beam, Type FIB-54
1310	805-A001	(S)	815,736	Pounds	Reinforcement
1320	805-C001	(S)	10,960	Pounds	Reinforcement, Corrosion Resistant
1330	810-A007	(S)	3,199,861	Pounds	Structural Steel, A 709, Grade 50W
1340	810-A008	(S)	221,317	Pounds	Structural Steel, A 709, Grade HPS 70W
1350	811-D001	(S)	16	Each	Disc Bearing Device
1360	813-A004	(S)	3,933	Linear Feet	Concrete Railing, 36"
1370	815-A007	(S)	8,920	Ton	Loose Riprap, Size 300
1380	815-E001	(S)	5,864	Square Yard	Geotextile under Riprap
1392	907-803-H001	(S)	2	Each	PDA Test Pile and Conventional Load Test
1400	907-803-I003	(S)	4	Each	PDA Test Pile, HP Steel Pile
1410	907-803-I004	(S)	3	Each	PDA Test Pile, Steel Pipe Pile
1420	907-803-J001	(S)	18	Each	Pile Restrike
1430	907-804-A001	(S)	1,141	Cubic Yard	Bridge Concrete, Class BDx
1440	907-804-A002	(S)	1,703	Cubic Yard	Bridge Concrete, Class AA
1450	907-804-A004	(S)	1,006	Cubic Yard	Bridge Concrete, Class BD
1460	907-822-PP006		86	Linear Feet	8 1/8" Modular Expansion Joint
1470	907-823-A001		273	Linear Feet	Preformed Joint Seal, Type I

ADDENDUM

STATE	PROJECT NO.
MISS	BR-0051-02(023)

SUMMARY OF QUANTITIES (SHEET 1)

PAY ITEM NO.	PAY ITEM	UNIT	TALLAHATCHIE : 102383-302000	
			Prelim	Final
201-A001	Clearing and Grubbing	LS	1	
201-B001	Clearing and Grubbing	ACRE	5	
202-B007	Removal of Asphalt Pavement, All Depths	SY	11,427	
202-B023	Removal of Bridge	EA	3	
202-B038	Removal of Building	EA	2	
202-B150	Removal of Guard Rail Including Post, Blockouts & Hardware	LF	1,774	
202-B191	Removal of Pipe, 8" And Above	LF	431	
202-B240	Removal of Traffic Stripe	LF	5,385	
203-A001	Unclassified Excavation, FM, AH	CY	22,476	
203-EX021	Borrow Excavation, AH, FME, Class B9-6	CY	137,285	
203-G001	Excess Excavation, FM, AH	CY	21,295	
206-A001	Structure Excavation	CY	270	
907-207-A001	Settlement Plate	EA	4	
209-A005	Geotextile Stabilization, Type V, Non-Woven	SY	26,709	
211-B001	Topsoil for Slope Treatment, Contractor Furnished	CY	6,353	
213-C001	Superphosphate	TON	12	
216-A001	Solid Sodding	SY	926	
219-A001	Watering	KGAL	19	
220-A001	Insect Pest Control	ACRE	22	
221-A001	Concrete Paved Ditch	CY	23	
223-A001	Mowing	ACRE	44	
225-A001	Grassing	ACRE	24	
225-B001	Agricultural Limestone	TON	12	
225-C001	Mulch, Vegetative Mulch	TON	48	
226-A001	Temporary Grassing	ACRE	24	
907-234-A001	Temporary Silt Fence	LF	23,100	
236-A008	Silt Basin, Type D	EA	5	
237-A002	Wattles, 20"	LF	1,568	
245-A001	Silt Dike	LF	1,568	
246-A001	Sandbags	LF	12,540	
249-A001	Riprap for Erosion Control	TON	1,587	
907-253-A001	Coir Fiber Baffle	LF	500	
304-B004	Granular Material, Class 5, Group D	TON	5,118	
304-F001	3/4" and Down Crushed Stone Base	TON	12,804	
	OR			
304-F002	Size 610 Crushed Stone Base	TON	12,804	
	OR			
304-F003	Size 825B Crushed Stone Base	TON	12,804	

- ① BRIDGE NO.45.6 = 2 @ 80LF, BRIDGE NO. 46.2 = 1300 LF AND BRIDGE NO. 47 = 150 LF.
- ② PAY ITEM INCREASED BY 10% AND ROUNDED TO THE NEAREST 50.
- ③ PAY ITEM INCLUDES A 20% INCREASE FROM CALCULATED QUANTITY.
- ④ PAY ITEM INCLUDES 609 TONS FOR DRIVEWAYS.
- ⑤ PAY ITEM INCLUDES 2394 SY FOR REMOVAL OF DETOUR ROAD.
- ⑥ ESTIMATED QUANTITY. ACTUAL QUANTITY AND PLACEMENT TO BE AS DIRECTED BY THE ENGINEER.
- ⑦ PAY ITEM INCULES A 20% INCREASE FROM CALCULATED QUANTITY.
- ⑧ INCLUDES TERMINAL SECTIONS, BRIDGE END SECTIONS, FOOTINGS, AND OTHER APPURTENANCES.
- ⑨ PAY ITEM INCLUDES 256 LF FOR THE REMOVAL OF TEMPORARY PIPES.
- ⑩ PAY ITEM INCLUDES 455 TONS FOR TEMPORARY DRIVEWAYS, 486 TONS FOR PERMANENT DRIVEWAYS, AND 150 TONS TO BE STOCKPILED AT BOAT RAMP AS DIRECTED BY ENGINEER.
- ⑪ PAY ITEM TO BE USED FOR TEMPORARY CONSTRUCTION EASEMENTS.
- ⑫ PAY ITEM INCLUDES 20 CY FOR PAVED FLUMES AND 3 CY FOR BRIDGE END PAVEMENT UNDERDRAIN OUTLET APRONS.
- ⑬ PAY ITEM INCLUDES TWO MOWINGS.



MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
SUMMARY OF QUANTITIES	
Revision	PROJ NO: BR-0051-02(023) COUNTY: TALLAHATCHIE
Project	FILENAME: SQ Design Team MENDROP
Working Number	Sheet Number
SQ-1	10
Checked Date	

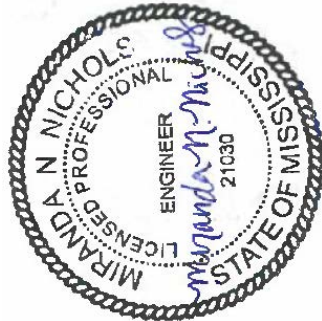
ADDENDUM

STATE	PROJECT NO.
MISS	BR-0051-02(023)

SUMMARY OF QUANTITIES (SHEET 2)

PAY ITEM NO.	PAY ITEM	UNIT	TALLAHATCHIE : 102383-302000	
			Prelim	Final
907-403-A003	12.5-mm, ST, Asphalt Pavement	TON	2,259	① ③
907-403-A006	19-mm, ST, Asphalt Pavement	TON	2,735	③
907-403-A015	9.5-mm, ST, Asphalt Pavement	TON	2,710	④
907-403-B003	12.5-mm, ST, Asphalt Pavement, Leveling	TON	132	
907-403-C003	19-mm, ST, Asphalt Pavement, Trench Widening	TON	775	②
406-D001	Fine Milling of Bituminous Pavement, All Depths	SY	5,546	
907-407-A001	Asphalt for Tack Coat	GAL	4,284	①
408-A002	Asphalt for Prime Coat, Cut-Back MC-70 or Emulsified EA-1	GAL	196	
907-413-E001	Sawing and Sealing Transverse Joints in Asphalt Pavement	LF	264	
423-A001	Rumble Strips, Ground In	MI	4	
501-K001	Transverse Grooving	SY	91	
907-502-A001	Reinforced Cement Concrete Bridge End Pavement	SY	630	
503-C010	Saw Cut, Full Depth	LF	1,119	
907-601-B001	Class "B" Structural Concrete, Minor Structures	CY	4	
602-A001	Reinforcing Steel	LBS	260	
603-ALT003	18" Type A Alternate Pipe	LF	600	③ ⑤
603-CA011	18" Reinforced Concrete Pipe, Class III	LF	48	
603-CA026	24" Reinforced Concrete Pipe, Class III	LF	216	
603-CA040	30" Reinforced Concrete Pipe, Class III	LF	120	
603-CA055	36" Reinforced Concrete Pipe, Class III	LF	168	
603-CB003	18" Reinforced Concrete End Section	EA	2	
603-CB004	24" Reinforced Concrete End Section	EA	4	
603-CB005	30" Reinforced Concrete End Section	EA	1	
603-CB006	36" Reinforced Concrete End Section	EA	4	
605-AA001	Geotextile for Subsurface Drainage, Type III	SY	226	
605-I001	Edge Drain Outlets/Vents	LF	3	
605-O002	4" Perforated Sewer Pipe for Underdrains, SDR 23.5	LF	298	
605-P002	4" Non-perforated Sewer Pipe for Underdrains, SDR 23.5	LF	573	
605-W001	Filter Material for Combination Storm Drain and/or Underdrains, Type A, FM	CY	19	
605-W002	Filter Material for Combination Storm Drain and/or Underdrains, Type B, FM	CY	174	
	OR			
605-W003	Filter Material for Combination Storm Drain and/or Underdrains, Type C, FM	CY	174	
606-B001	Guard Rail, Class A, Type 1	LF	1,275	
606-D022	Guard Rail, Bridge End Section, Type I	EA	12	②
606-E005	Guard Rail, Terminal End Section, Flared	EA	12	
609-D003	Combination Concrete Curb and Gutter Type 2	LF	295	⑥
614-B001	Concrete Driveway, With Reinforcement	SY	1,730	
615-A024	Concrete Bridge End Barrier, 37.5"	LF	120	
616-A001	Concrete Median and/or Island Pavement, 10-inch	SY	65	
617-A001	Right-of-Way Marker	EA	26	

- ① PAY ITEM INCLUDES 71 TONS FOR DRIVEWAYS.
- ② LENGTH OF GUARDRAIL REQUIRED IS BASED ON A TERMINAL SECTION OF 37.5 FEET BEING USED. FOR ANY OTHER LENGTH TERMINAL SECTION, THE LENGTH OF NORMAL GUARDRAIL WILL BE ADJUSTED.
- ③ PAY ITEM INCLUDES 256 LF FOR TEMPORARY DRIVEWAYS.
- ④ PAY ITEM INCLUDES 53 TONS FOR DRIVEWAYS.
- ⑤ FOR LIST OF ALTERNATE PIPES, SEE WK. NO. EQ-9.
- ⑥ PAY ITEM INCLUDES 149 LF FOR DRIVEWAYS AND 146 LF FOR LOCAL ROAD.



MISSISSIPPI DEPARTMENT OF TRANSPORTATION		SUMMARY OF QUANTITIES	
By	Revision	PROJ NO: BR-0051-02(023) COUNTY: TALLAHATCHIE	
NH	REVISED QUANTITY		
NH	ADDED PAY ITEM		
NH	REVISED QUANTITY/REVISED PAY ITEM.		
Date		Working Number	Sheet Number
		SQ-2	11
FILENAME: SQ		Checked	Date
Design Team		MENDROP	

ADDENDUM

STATE	PROJECT NO.
MISS	BR-0051-02(023)

SUMMARY OF QUANTITIES (SHEET 3)

PAY ITEM NO.	PAY ITEM	UNIT	TALLAHATCHIE : 102383-302000	
			Prelim	Final
907-618-A001	Maintenance of Traffic	LS	1	
618-C001	Construction and Removal of Detour Bridge	LS	1	
618-E001	Detour Bridge Piling	LF	1,602	
618-F001	Detour Bridge PDA Test Pile	LS	1	
619-A1001	Temporary Traffic Stripe, Continuous White	MI	3	
619-A2001	Temporary Traffic Stripe, Continuous Yellow	MI	3	
619-A5002	Temporary Traffic Stripe, Detail, Paint	LF	3,875	
619-A5003	Temporary Traffic Stripe, Detail, Type 1 Tape	LF	1,089	
619-A5004	Temporary Traffic Stripe, Detail, Type 1 or 2 Tape	LF	2,810	
619-D1001	Standard Roadside Construction Signs, Less than 10 Square Feet	SF	279	
619-D2001	Standard Roadside Construction Signs, 10 Square Feet or More	SF	690	
619-F3001	Delineators, Guard Rail, White	EA	8	
619-G4001	Barricades, Type III, Double Faced	LF	552	
619-G5001	Free Standing Plastic Drums	EA	48	
619-G7001	Warning Lights, Type "B"	EA	10	
619-K2001	Installation and Removal of Guard Rail, Bridge End Section	EA	4	
619-K4001	Installation and Removal of Guardrail, Terminal End Section	EA	4	
620-A001	Mobilization	LS	1	
621-A001	Field Laboratory	EA	1	
907-626-B006	6" Thermoplastic Traffic Stripe, Continuous White	MI	4	
907-626-D005	6" Thermoplastic Traffic Stripe, Skip Yellow	MI	2	
907-626-E005	6" Thermoplastic Traffic Stripe, Continuous Yellow	MI	1	
907-626-G004	Thermoplastic Detail Stripe, White	LF	1,110	
907-626-G005	Thermoplastic Detail Stripe, Yellow	LF	190	
907-626-H010	Thermoplastic Legend, White	LF	277	
907-627-J001	Two-Way Clear Reflective High Performance Raised Markers	EA	114	
907-627-L001	Two-Way Yellow Reflective High Performance Raised Markers	EA	132	
630-A001	Standard Roadside Signs, Sheet Aluminum, 0.080" Thickness	SF	39	
630-A003	Standard Roadside Signs, Sheet Aluminum, 0.125" Thickness	SF	144	
630-A005	Standard Roadside Signs, Sheet Aluminum, 0.1" Thickness	SF	8	
630-C001	Square Tube Posts, 4.0 lb/ft	LF	90	
630-C005	Square Tube Posts, 2.0 lb/ft	LF	170	
630-F006	Delineators, Guard Rail, White	EA	66	
630-G004	Type 3 Object Markers, OM-3R or OM-3L	EA	12	
699-A001	Roadway Construction Stakes	LS	1	
815-A002	Loose Riprap, Size 100	TON	347	
815-A007	Loose Riprap, Size 300	TON	500	
815-E001	Geotextile under Riprap	SY	276	
815-F002	Sediment Control Stone	TON	106	

- 1
- PAY ITEM INCLUDES A 20% INCREASE FROM CALCULATED QUANTITY.
- 2
- PAY ITEM INCLUDES 12 SF FOR TEMPORARY OBJECT MARKERS TO BE USED ON THE DETOUR BRIDGE.
- 3
- PAY ITEM INCLUDES 3,912 LF ON BRIDGES.
- 4
- PAY ITEM INCLUDES 1,916 LF ON BRIDGES.
- 5
- PAY ITEM INCLUDES 1,640 LF ON BRIDGES.
- 6
- PAY ITEM TO BE STOCKPILED AT BOAT RAMP AS DIRECTED BY ENGINEER.



MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
SUMMARY OF QUANTITIES	
By	Revision
MN	ADDED PAY ITEM
MN	ITEM.
PROJ NO: BR-0051-02(023) COUNTY: TALLAHATCHIE	
FILENAME: SQ	
Design Team	MENDROP
Checked	Date
Working Number	SQ-3
Sheet Number	12

ADDENDUM

STATE	PROJECT NO.
MISS.	BR-0051-02(023)

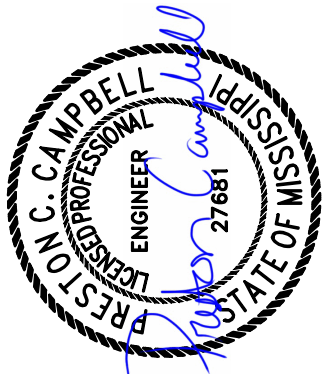
SUMMARY OF QUANTITIES				
PAY ITEM NO.	PAY ITEM	UNIT	QUANTITIES	
	Bridge Summary		PRELIMINARY	FINAL
501-K001	Transverse Grooving	SY	6,993	
803-D007	HP 14 x 89 Steel Piling	LF	4,725	2
907-803-H001	PDA Test Pile and Conventional Load Test	EA	2	3
907-803-I003	PDA Test Pile, HP Steel Pile	EA	4	
907-803-I004	PDA Test Pile, Steel Pipe Pile	EA	3	
907-803-I001	Pile Restrike	EA	18	2
803-K001	Drilled Shaft, 102" Diameter	LF	1,620	
803-K010	Drilled Shaft, 72" Diameter	LF	900	
803-L006	Test Shaft, 72" Diameter	EA	1	
803-L011	Test Shaft, 102" Diameter	EA	1	
803-M001	Trial Shaft, 102" Diameter	LF	175	
803-N001	Exploration	LF	210	
803-O001	Permanent Casing, 102" Diameter	LF	540	
803-O011	Permanent Casing, 72" Diameter	LF	450	
803-P001	24" Steel Pipe Piling, Wall Thickness 0.500"	LF	1,900	1
803-P013	36" Steel Pipe Piling, Wall Thickness 1"	LF	880	1
907-804-A001	Bridge Concrete, Class BD	CY	1,141	2
907-804-A002	Bridge Concrete, Class AA	CY	1,703	
907-804-A004	Bridge Concrete, Class BD	CY	1,006	
804-C188	80' Prestressed Concrete Beam, Type FIB-36	LF	1,988	
804-C189	110' Prestressed Concrete Beam, Type FIB-54	LF	548	
804-C210	40' Prestressed Concrete Beam, Type MFIB-25	LF	790	
804-C270	120' Prestressed Concrete Beam, Type FIB-54	LF	1,793	
805-A001	Reinforcement	LBS	815,736	
805-C001	Reinforcement, Corrosion Resistant	LBS	10,960	
810-A007	Structural Steel, A 709, Grade 50W	LBS	3,199,861	
810-A008	Structural Steel, A 709, Grade HPS 70W	LBS	221,317	
811-D001	Disc Bearing Device	EA	16	
813-A004	Concrete Railing, 36"	LF	3,933	
815-A007	Loose Riprap, Size 300	TON	8,920	
815-E001	Geotextile under Riprap	SY	5,864	
907-822-PP006	8 1/8" Modular Expansion Joint	LF	86	
907-823-A001	Preformed Joint Seal, Type I	LF	273	

12

2

3

PC	Removed Test Pile from Production Piles	01/12/2026
PC	Revised Quantities	02/18/2026
PC	Revised Pay Item Number for Conventional Load Test	08/20/2026
By	Revision	Date
MISSISSIPPI DEPARTMENT OF TRANSPORTATION SUMMARY OF QUANTITIES (BRIDGE ITEMS) PROJECT BR-0051-02(023) 102383-302000		
TALLAHATCHIE COUNTY		
DESIGNER Michelle Howington	CHECKER Preston Campbell	WORKING NUMBER SQ-BR-1
DETAILER Michelle Howington	ISSUE DATE 08/18/26	SHEET NUMBER
DIRECTOR OF STRUCTURES, STATE BRIDGE ENGINEER - SCOTT WESTERFIELD, P.E. DEF. DIR OF STRUCTURES, ASST. STATE BRIDGE ENGINEER - MICAH DEW, P.E.		8003



08/18/26

STATE		PROJECT NO.
MISS.		BR-0051-02(023)

ITEM		Transverse Grooving	HP14x89 Steel Piling	PDA Test Pile and Conventional Load Test	PDA Test Pile, HP Steel Pile	Drilled Shaft, 102" Diameter	Drilled Shaft, 72" Diameter	Test Shaft, 102" Diameter	Test Shaft, 102" Diameter	Exploration	Permanent Casing 102" Diameter	Permanent Casing 72" Diameter	36" Steel Pipe Pile, Wall Thickness 1"	Bridge Concrete, Class AA	Bridge Concrete, Class BD	80 Ft. Prestressed Concrete Beam, Type FIB-36	110 Ft. Prestressed Concrete Beam, Type FIB-54
LOCATION		S.Y.	L.F.	Each	Each	L.F.	L.F.	Each	Each	L.F.	L.F.	L.F.	L.F.	G.Y	G.Y	L.F.	L.F.
Spans		5839.41															
End Bents																	
Int. Bents				1			1620	900	1								
Totals		5839.41	1895.2	1	2	1	1620	900	1								

ITEM		120 Ft. Prestressed Concrete Beam, Type FIB-54	Reinforcement	Corrosion Resistant Reinforcement	Structural Steel, A709, Grade 50W	Drilled Shaft, 102" Diameter	Disc Bearing Device	Concrete Railings 36"	Loose Riprap, Size 300	Geotextile Under Riprap	8 1/2" Modular Expansion Joint	Pre-Formed Joint Seal, Type I
LOCATION		L.F.	Lbs.	Lbs.	Lbs.	Lbs.	Each	L.F.	Ton	S.Y.	L.F.	L.F.
Spans		1792.50	438,604	5480	3,199,861	221,317		3284.67				
End Bents			15,757						6282.9		85.6	120.4
Int. Bents			240,368				16					
Totals		1792.50	694,729	5480	3,199,861	221,317	16	3284.67	6282.9	4130.2	85.6	120.4

INFORMATION PLANS

Original Plans
Project No. FAS 434(1)
For original bridge plans, see INFORMATION PLANS on sheet no. INFO-B1.
Additional information on the existing bridge is available upon request from MDOT Bridge Division.

DEMOLITION PLAN NOTES:

The Contractor shall submit a demolition plan to the Director of Structures, State Bridge Engineer, for approval. After the demolition plan has been approved, a minimum of fourteen (14) days notice shall be given by the Contractor to the Director of Structures, State Bridge Engineer, prior to beginning demolition of existing bridge. Demolition shall include removal of all superstructure elements and removal of substructure elements to an elevation of two (2) feet below ground line. Payment will be made under pay item 202-B001 Removal of Bridge (see roadway summary of quantities).

DRILLED SHAFT NOTES:

The contractor shall notify the State Geotechnical Engineer at least seven (7) days in advance of any shaft (trial, anchor or test) construction. See sheet nos. B7 & B8 for test shaft details.
Trial shafts shall be constructed as specified in Section 803 of the specifications, prior to construction of any test shafts.
The trial shaft shall be constructed at locations shown on sheet no. B2.
The trial shaft will require the use of a temporary casing that shall be the same length as the permanent casing specified for production shafts. The Contractor may reuse this casing in a production shaft.
For computation of quantities, top of trial shaft shall be elev. 145.0. (approximate ground). Bottom of trial shaft shall be elev. -30.0.
Trial shaft reinforcing steel shall be identical to the production shaft reinforcing steel as shown on sheet no. B26.
The length of trial shaft reinforcing steel cage shall be 179'-0".
Test shafts shall be constructed at the locations and to the lengths shown in the TEST SHAFT SCHEDULE on sheet no. B2 unless otherwise directed by the Director of Structures, State Bridge Engineer, and will be paid for as test shafts only.
A loading test is required for each test shaft per details on sheet nos. B7 & B8 and shall be performed as specified in section 803 of the Specifications. A draft copy of the load test report shall be submitted to the State Geotechnical Engineer within three (3) days of completion of the load test for each test shaft. The final load test report shall be submitted to the Director of Structures, State Bridge Engineer, within thirty (30) days. The load test shall be performed with a sacrificial permanent casings. equal to the length specified for production shaft permanent casings. For additional test shaft requirements, see notes on sheet nos. B7 & B8. Roller type centralizers are required for construction of all drilled shafts. Under no circumstance shall the pitch of the spiral reinfocenter device, to accommodate the installation of the chosen centralizer device. The tip elevation and quantities shown for production shafts in these plans are for estimating purposes only and may be raised or lowered depending on the outcome of a load test.
The required ultimate shaft capacities shown in the REQUIRED ULTIMATE SHAFT CAPACITIES AND TIP ELEVATION SCHEDULE on sheet no. B2 includes the LAFD resistance factor shown in the table.

ESTIMATED BRIDGE QUANTITIES

- * Pay item shall include all expenses necessary to deliver and install required permanent casing. See sheet nos. B19 and B26 for permanent casing diameter and thickness requirements.
- * Itemized Structural Steel, A709, Grade 50W quantity per bridge is as follows:

Girders: 3,179,889 Lbs.
Scuppers: 18,391 Lbs.
Rail Slide Plates: 1,581 Lbs.

SPECIAL PROVISIONS REQUIRED

Test Piles.....No. 907-803
Concrete Bridges and Structures.....No. 907-804
Modular Expansion Joint System.....No. 907-822
Preformed Joint Seal.....No. 907-823

PILE NOTES:

Test piles shall be driven as permanent piles at the location shown in the PDA TEST PILE SCHEDULE unless otherwise directed by the Director of Structures, State Bridge Engineer and will be paid for as test piles only.
The Director of Structures, State Bridge Engineer may authorize test piles driven outside the structural limits.
Test piles shall be driven as a continuous operation, to the bearing capacity and tip elevations shown in the PDA TEST PILE SCHEDULE, unless otherwise directed by the Director of Structures, State Bridge Engineer.
Permanent piles shall be driven to an elevation no higher than the elevation shown in the REQUIRED ULTIMATE PILE BEARING CAPACITY AND TIP ELEVATION SCHEDULE.
The Director of Structures, State Bridge Engineer may authorize test piles driven outside the structural limits.
When feasible, bearing piles shall be driven full length and be spliced, only as approved by the Director of Structures, State Bridge Engineer.
Welding shall be done by the ELECTRIC ARC process. Welders shall be certified and electrodes shall be approved.
PDA test piles shall require a 1 day restrike unless otherwise directed by the Engineer and driving criteria shall be provided based on the results of the PDA test piles.
The required ultimate pile bearing shall be provided based on the REQUIRED ULTIMATE PILE BEARING CAPACITY AND TIP ELEVATION SCHEDULE.
The LAFD resistance factor for PDA of 0.65.
Pile hammer leads used for all PDA test piles and PDA restrikes shall be large enough to provide a minimum of 3" clearance on each side of the pile in order to properly place and protect PDA gages.
Steel pipe piles shall be driven with a maximum rated energy no less than 80,000 ft-lbs, but no greater than 125,000 ft-lbs to the tip elevations specified unless the Contractor's drivability analysis utilizing the Contractor's selected alternative hammer is approved by the Director of Structures, State Bridge Engineer.
All Steel Pipe Piles shall be ASTM A252, Grade 3 Mod (Fy = 50,000 psi.). Steel Pipe Piles are intended to be open ended. However, contractor plates shall be installed 70'-0" from the pile tip, prior to installation of piles.
See sheet no. B15.1 for more information.
Welding shall comply with ANSI/AWS D1.5 Bridge Welding Code and be performed by a certified welder.
The tip elevation of piling for hydraulic structures, may be determined by scour line but under no circumstances shall be greater than the minimum tip elevation shown in the REQUIRED ULTIMATE PILE BEARING CAPACITY AND TIP ELEVATION SCHEDULE.
Pipe piles shall receive a protective coating beginning at the bottom of the cap and extending to the 100 yr. scour elevation as shown on the Layout Sheet. The coating shall be one of the following:
16mil minimum dry film thickness:

a) Bihumastic 300-M Coal Tar Epoxy manufactured by Carboline Company in St. Louis, MO
www.carboline.com
b) Corotech Coal Tar Epoxy manufactured by INSL-X Company in Montvale, NJ
www.corotechcoatings.com
c) Series 46-143 TNEMEC-Tar manufactured by TNEMEC Co Inc in Kansas City, MO
www.tnemecc.com

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 details 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.
The final surface texture of the bridge deck shall be mechanically transverse grooved in accordance with sections 501 and 907-804 of the specifications. See span details for limits of transverse grooving on bridge deck.
Bridge concrete shall be Class "AA", Class "B0", or Class "BDX" as directed in the plans.
Railing expansion joint material shall be bituminous fiber type unless otherwise noted.
No payment will be allowed for excavation incidental to the construction of end bents.
Bar bending details shall be in accordance with "Manual Of Standard Practice For Detailing Reinforced Concrete Structures" (ACI 315R-94). 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.
Shop drawings of steel girders, including an erection plan, shall be submitted in duplicate to the Director of Structures, State Bridge Engineer, for approval prior to the manufacture of the beams.
Concrete surfaces shall receive a Class 2 rubbed or spray finish in accordance with the specifications.
Reinforcing steel shall be A.S.T.M. A615, Grade 60, unless otherwise noted. Work for which no pay items are provided in the proposal will not be paid for directly and compensation therefore will be included in the prices and payments for bid items.
See sheet no. B42 for deflection notes for prestressed concrete beams.
See sheet no. B69 for camber and deflection notes for steel plate girders.
All riprap and geotextile fabric at end bents and spur dikes, etc. at the bridge site are included in the bridge quantities.

DRAINAGE DATA

Drainage Area.....4,290 sq. mi.
050 floodplain.....34,400 cu. ft./s
050 this bridge.....21,655 cu. ft./s
0100 this bridge.....23,801 cu. ft./s
Effective Area.....28,930 sq. ft.

DESIGN DATA
Specifications.....A.A.S.H.T.O. L.R.F.D. 2020
Loading.....HL-93
Roadway Width.....36'-0" (Gutter To Gutter)
Seismic Design Category.....SDC B (SI=0.091, Fv=2.40)
Site Class.....D
Operational Class.....Essential
Concrete.....Class "AA" (4000 psi)
Deck Concrete.....Class "BDX" (4500 psi)
Drilled Shaft Concrete.....Class "DS" (4000 psi)
Structural Steel.....ASTM A709, Grade 50W (Fy = 50ksi)
Structural Steel.....ASTM A709, Grade 70W (Fy = 70ksi)
Stay-In-Place Form Allowance.....18 psi

MISSISSIPPI DEPARTMENT OF TRANSPORTATION		BRIDGE AT STA. 408+45.92	
PROJECT		102383/302000	
TALLAHATCHIE COUNTY		BR-0051-02(023)	
DATE		08/18/26	
DESIGNER		CHECKER	
DETAILER		ISSUE DATE	
DIRECTOR OF STRUCTURES, STATE BRIDGE ENGINEER - SCOTT WESTERFIELD PE		STATE BRIDGE ENGINEER - MICHAEL PE	
DEP. DIRECTOR OF STRUCTURES, ASSIST. STATE BRIDGE ENGINEER - MICHAEL PE		WORKING NUMBER	
		BI of B80	
		SHEET NUMBER	
		8023	

STATE	PROJECT NO.
MISS.	BR-0051-02(023)

REQ. ULT. PILE CAPACITIES AND TIP ELEVATION SCHEDULE				
Bent No.	Pile Size	Required Ultimate Capacity (Tons)	Estimated Length (Ft.)	Minimum Tip Elevation
1	HPI4x89	120	65	122.8
2	36" Ø x 1" SPP	420	110	82.9
3	36" Ø x 1" SPP	420	110	82.9
11	HPI4x89	120	70	125.5



1

PDA TEST PILE SCHEDULE		
Bent No.	Min. Length (Ft.)	
1	75	
Out-of-Position	130	
11	80	



REQUIRED ULTIMATE SHAFT CAPACITIES AND TIP ELEVATION SCHEDULE				
Bent No.	Shaft Diameter (in.)	Required Ultimate Compressive Capacity		Minimum Tip Elevation
		Capacity (Tons)	LRFD Resistance Factor	
4	72	1160	1.0	630
5	72	1160	1.0	630
6	72	1160	1.0	630
7	102	2530	1.0	1750
8	102	3330	1.0	1530
9	102	3330	1.0	1530
10	102	2530	1.0	1750

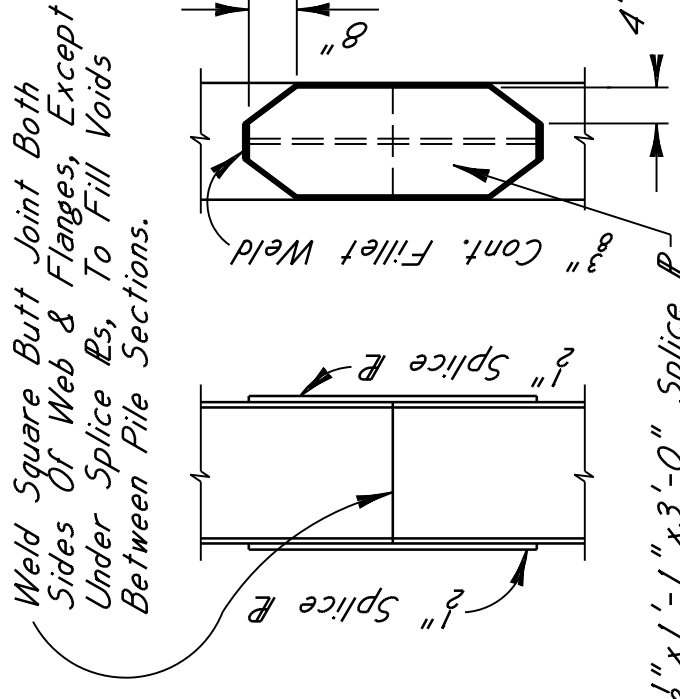
TEST SHAFT SCHEDULE

Station	Location	Shaft Diameter (in.)	Estimated Length (Ft.)	Tip Elevation
412+57	£ proposed SR 32	72"	125	20.0
416+47	£ proposed SR 32	102"	165	-20.0

For test shaft details, see sheet no. B7 & B8.

TRIAL SHAFT SCHEDULE

Station	Location	Shaft Diameter (in.)	Estimated Length (Ft.)	Tip Elevation
415+97	£ proposed SR 32	102"	175	-30.0



NOTES:
In lieu of splice plates, prefabricated splicers may be used. Prefabricated splicers shall be submitted for approval by the Director of Structures, State Bridge Engineer.
Splices shall be staggered vertically a minimum distance of 15'-0" between adjacent piles.

PILE SPLICE DETAIL

SETTLEMENT PLATE NOTES:

Install settlement plates at the existing ground surface at the locations indicated on the plans prior to initiation of bridge end embankment construction as per section 207 of the specifications.
Settlement plate monitoring shall be performed by the Contractor weekly commencing immediately after each settlement plate is installed and continue until the 180 surcharge load period is completed. Weekly data shall be submitted to the Engineer every 30 days (maximum).
The Contractor shall observe any precautions necessary for the protection of the settlement plates and shall replace, at no additional cost to the State, any materials that are damaged or become unreliable as a result of its operations.
Place surcharge (Borrow Excavation) embankment loading in 24-inch (maximum) layers and compact with at least four (4) passes of compaction equipment. Embankment surcharges are to remain in place for 180 (calendar) days originating from the time the embankment surcharge construction is completed, or as directed by the Engineer.
Bridge end bent piles are not to be driven until the embankment surcharge is removed.
Slope stability problems encountered during, or after surcharge embankment construction are to be reported to the Project Engineer and the MDOT Geotechnical Branch (601) 359-1795.
All erosion control requirements shall remain in effect during the surcharge loading period and subsequent to surcharge load removal.

STATIC LOAD TEST NOTES:

The static load test shall be performed according to MDOT Special Provision 907-803 & A.S.T.M. D1143/D1143M.
The reaction frame must be capable for resisting one and one-half (1½) times the anticipated failure load of the static load test. Anchor piles shall be no closer than eight (8) feet to the pile being tested.
The static load test shall be performed no less than seven (7) calendar days following the installation of the last anchor pile.
Installation of the pile(s) shall be monitored with PDA during the initial drive, in addition to, a minimum three (3) to five (5) day restrike following the initial drive.
The static load test pile shall require a twenty four (24) hour and a thirty (30) day restrike, unless otherwise directed by the Engineer.
When static load test are required, the maximum test load shall be one and one-third (1⅓) times the required ultimate pile bearing capacity.

06/18/26	REVISED STATIC LOAD TEST NOTES	JLL	02/18/26	ADOPTED CONVENTIONAL STATIC PILE LOAD	PCG	01/12/26	MODIFIED POA TEST PILE SCHEDULE	PCG	BY	REVISIONS	MISSISSIPPI DEPARTMENT OF TRANSPORTATION BRIDGE AT STA. 408+45.92
06/18/26	REVISED STATIC LOAD TEST NOTES	JLL	02/18/26	ADOPTED CONVENTIONAL STATIC PILE LOAD	PCG	01/12/26	MODIFIED POA TEST PILE SCHEDULE	PCG	BY	REVISIONS	MISSISSIPPI DEPARTMENT OF TRANSPORTATION BRIDGE AT STA. 408+45.92
06/18/26	REVISED STATIC LOAD TEST NOTES	JLL	02/18/26	ADOPTED CONVENTIONAL STATIC PILE LOAD	PCG	01/12/26	MODIFIED POA TEST PILE SCHEDULE	PCG	BY	REVISIONS	MISSISSIPPI DEPARTMENT OF TRANSPORTATION BRIDGE AT STA. 408+45.92
06/18/26	REVISED STATIC LOAD TEST NOTES	JLL	02/18/26	ADOPTED CONVENTIONAL STATIC PILE LOAD	PCG	01/12/26	MODIFIED POA TEST PILE SCHEDULE	PCG	BY	REVISIONS	MISSISSIPPI DEPARTMENT OF TRANSPORTATION BRIDGE AT STA. 408+45.92
06/18/26	REVISED STATIC LOAD TEST NOTES	JLL	02/18/26	ADOPTED CONVENTIONAL STATIC PILE LOAD	PCG	01/12/26	MODIFIED POA TEST PILE SCHEDULE	PCG	BY	REVISIONS	MISSISSIPPI DEPARTMENT OF TRANSPORTATION BRIDGE AT STA. 408+45.92
06/18/26	REVISED STATIC LOAD TEST NOTES	JLL	02/18/26	ADOPTED CONVENTIONAL STATIC PILE LOAD	PCG	01/12/26	MODIFIED POA TEST PILE SCHEDULE	PCG	BY	REVISIONS	MISSISSIPPI DEPARTMENT OF TRANSPORTATION BRIDGE AT STA. 408+45.92
06/18/26	REVISED STATIC LOAD TEST NOTES	JLL	02/18/26	ADOPTED CONVENTIONAL STATIC PILE LOAD	PCG	01/12/26	MODIFIED POA TEST PILE SCHEDULE	PCG	BY	REVISIONS	MISSISSIPPI DEPARTMENT OF TRANSPORTATION BRIDGE AT STA. 408+45.92
06/18/26	REVISED STATIC LOAD TEST NOTES	JLL	02/18/26	ADOPTED CONVENTIONAL STATIC PILE LOAD	PCG	01/12/26	MODIFIED POA TEST PILE SCHEDULE	PCG	BY	REVISIONS	MISSISSIPPI DEPARTMENT OF TRANSPORTATION BRIDGE AT STA. 408+45.92
06/18/26	REVISED STATIC LOAD TEST NOTES	JLL	02/18/26	ADOPTED CONVENTIONAL STATIC PILE LOAD	PCG	01/12/26	MODIFIED POA TEST PILE SCHEDULE	PCG	BY	REVISIONS	MISSISSIPPI DEPARTMENT OF TRANSPORTATION BRIDGE AT STA. 408+45.92
06/18/26	REVISED STATIC LOAD TEST NOTES	JLL	02/18/26	ADOPTED CONVENTIONAL STATIC PILE LOAD	PCG	01/12/26	MODIFIED POA TEST PILE SCHEDULE	PCG	BY	REVISIONS	MISSISSIPPI DEPARTMENT OF TRANSPORTATION BRIDGE AT STA. 408+45.92
06/18/26	REVISED STATIC LOAD TEST NOTES	JLL	02/18/26	ADOPTED CONVENTIONAL STATIC PILE LOAD	PCG	01/12/26	MODIFIED POA TEST PILE SCHEDULE	PCG	BY	REVISIONS	MISSISSIPPI DEPARTMENT OF TRANSPORTATION BRIDGE AT STA. 408+45.92
06/18/26	REVISED STATIC LOAD TEST NOTES	JLL	02/18/26	ADOPTED CONVENTIONAL STATIC PILE LOAD	PCG	01/12/26	MODIFIED POA TEST PILE SCHEDULE	PCG	BY	REVISIONS	MISSISSIPPI DEPARTMENT OF TRANSPORTATION BRIDGE AT STA. 408+45.92
06/18/26	REVISED STATIC LOAD TEST NOTES	JLL	02/18/26	ADOPTED CONVENTIONAL STATIC PILE LOAD	PCG	01/12/26	MODIFIED POA TEST PILE SCHEDULE	PCG	BY	REVISIONS	MISSISSIPPI DEPARTMENT OF TRANSPORTATION BRIDGE AT STA. 408+45.92
06/18/26	REVISED STATIC LOAD TEST NOTES	JLL	02/18/26	ADOPTED CONVENTIONAL STATIC PILE LOAD	PCG	01/12/26	MODIFIED POA TEST PILE SCHEDULE	PCG	BY	REVISIONS	MISSISSIPPI DEPARTMENT OF TRANSPORTATION BRIDGE AT STA. 408+45.92
06/18/26	REVISED STATIC LOAD TEST NOTES	JLL	02/18/26	ADOPTED CONVENTIONAL STATIC PILE LOAD	PCG	01/12/26	MODIFIED POA TEST PILE SCHEDULE	PCG	BY	REVISIONS	MISSISSIPPI DEPARTMENT OF TRANSPORTATION BRIDGE AT STA. 408+45.92
06/18/26	REVISED STATIC LOAD TEST NOTES	JLL	02/18/26	ADOPTED CONVENTIONAL STATIC PILE LOAD	PCG	01/12/26	MODIFIED POA TEST PILE SCHEDULE	PCG	BY	REVISIONS	MISSISSIPPI DEPARTMENT OF TRANSPORTATION BRIDGE AT STA. 408+45.92
06/18/26	REVISED STATIC LOAD TEST NOTES	JLL	02/18/26	ADOPTED CONVENTIONAL STATIC PILE LOAD	PCG	01/12/26	MODIFIED POA TEST PILE SCHEDULE	PCG	BY	REVISIONS	MISSISSIPPI DEPARTMENT OF TRANSPORTATION BRIDGE AT STA. 408+45.92
06/18/26	REVISED STATIC LOAD TEST NOTES	JLL	02/18/26	ADOPTED CONVENTIONAL STATIC PILE LOAD	PCG	01/12/26	MODIFIED POA TEST PILE SCHEDULE	PCG	BY	REVISIONS	MISSISSIPPI DEPARTMENT OF TRANSPORTATION BRIDGE AT STA. 408+45.92
06/18/26	REVISED STATIC LOAD TEST NOTES	JLL	02/18/26	ADOPTED CONVENTIONAL STATIC PILE LOAD	PCG	01/12/26	MODIFIED POA TEST PILE SCHEDULE	PCG	BY	REVISIONS	MISSISSIPPI DEPARTMENT OF TRANSPORTATION BRIDGE AT STA. 408+45.92
06/18/26	REVISED STATIC LOAD TEST NOTES	JLL	02/18/26	ADOPTED CONVENTIONAL STATIC PILE LOAD	PCG	01/12/26	MODIFIED POA TEST PILE SCHEDULE	PCG	BY	REVISIONS	MISSISSIPPI DEPARTMENT OF TRANSPORTATION BRIDGE AT STA. 408+45.92
06/18/26	REVISED STATIC LOAD TEST NOTES	JLL	02/18/26	ADOPTED CONVENTIONAL STATIC PILE LOAD	PCG	01/12/26	MODIFIED POA TEST PILE SCHEDULE	PCG	BY	REVISIONS	MISSISSIPPI DEPARTMENT OF TRANSPORTATION BRIDGE AT STA. 408+45.92
06/18/26	REVISED STATIC LOAD TEST NOTES	JLL	02/18/26	ADOPTED CONVENTIONAL STATIC PILE LOAD	PCG	01/12/26	MODIFIED POA TEST PILE SCHEDULE	PCG	BY	REVISIONS	MISSISSIPPI DEPARTMENT OF TRANSPORTATION BRIDGE AT STA. 408+45.92
06/18/26	REVISED STATIC LOAD TEST NOTES	JLL	02/18/26	ADOPTED CONVENTIONAL STATIC PILE LOAD	PCG	01/12/26	MODIFIED POA TEST PILE SCHEDULE	PCG	BY	REVISIONS	MISSISSIPPI DEPARTMENT OF TRANSPORTATION BRIDGE AT STA. 408+45.92
06/18/26	REVISED STATIC LOAD TEST NOTES	JLL	02/18/26	ADOPTED CONVENTIONAL STATIC PILE LOAD	PCG	01/12/26	MODIFIED POA TEST PILE SCHEDULE	PCG	BY	REVISIONS	MISSISSIPPI DEPARTMENT OF TRANSPORTATION BRIDGE AT STA. 408+45.92
06/18/26	REVISED STATIC LOAD TEST NOTES	JLL	02/18/26	ADOPTED CONVENTIONAL STATIC PILE LOAD	PCG	01/12/26	MODIFIED POA TEST PILE SCHEDULE	PCG	BY	REVISIONS	MISSISSIPPI DEPARTMENT OF TRANSPORTATION BRIDGE AT STA. 408+45.92
06/18/26	REVISED STATIC LOAD TEST NOTES	JLL	02/18/26	ADOPTED CONVENTIONAL STATIC PILE LOAD	PCG	01/12/26	MODIFIED POA TEST PILE SCHEDULE	PCG	BY	REVISIONS	MISSISSIPPI DEPARTMENT OF TRANSPORTATION BRIDGE AT STA. 408+45.92
06/18/26	REVISED STATIC LOAD TEST NOTES	JLL	02/18/26	ADOPTED CONVENTIONAL STATIC PILE LOAD	PCG	01/12/26	MODIFIED POA TEST PILE SCHEDULE	PCG	BY	REVISIONS	MISSISSIPPI DEPARTMENT OF TRANSPORTATION BRIDGE AT STA. 408+45.92
06/18/26	REVISED STATIC LOAD TEST NOTES	JLL	02/18/26	ADOPTED CONVENTIONAL STATIC PILE LOAD	PCG	01/12/26	MODIFIED POA TEST PILE SCHEDULE	PCG	BY	REVISIONS	MISSISSIPPI DEPARTMENT OF TRANSPORTATION BRIDGE AT STA. 408+45.92
06/18/26	REVISED STATIC LOAD TEST NOTES	JLL	02/18/26	ADOPTED CONVENTIONAL STATIC PILE LOAD	PCG	01/12/26	MODIFIED POA TEST PILE SCHEDULE	PCG	BY	REVISIONS	MISSISSIPPI DEPARTMENT OF TRANSPORTATION BRIDGE AT STA. 408+45.92
06/18/26	REVISED STATIC LOAD TEST NOTES	JLL	02/18/26	ADOPTED CONVENTIONAL STATIC PILE LOAD	PCG	01/12/26	MODIFIED POA TEST PILE SCHEDULE	PCG	BY	REVISIONS	MISSISSIPPI DEPARTMENT OF TRANSPORTATION BRIDGE AT STA. 408+45.92
06/18/26	REVISED STATIC LOAD TEST NOTES	JLL	02/18/26	ADOPTED CONVENTIONAL STATIC PILE LOAD	PCG	01/12/26	MODIFIED POA TEST PILE SCHEDULE	PCG	BY	REVISIONS	MISSISSIPPI DEPARTMENT OF TRANSPORTATION BRIDGE AT STA. 408+45.92
06/18/26	REVISED STATIC LOAD TEST NOTES	JLL	02/18/26	ADOPTED CONVENTIONAL STATIC PILE LOAD	PCG	01/12/26	MODIFIED POA TEST PILE SCHEDULE	PCG	BY	REVISIONS	MISSISSIPPI DEPARTMENT OF TRANSPORTATION BRIDGE AT STA. 408+45.92
06/18/26	REVISED STATIC LOAD TEST NOTES	JLL	02/18/26	ADOPTED CONVENTIONAL STATIC PILE LOAD	PCG	01/12/26	MODIFIED POA TEST PILE SCHEDULE	PCG	BY	REVISIONS	MISSISSIPPI DEPARTMENT OF TRANSPORTATION BRIDGE AT STA. 408+45.92
06/18/26	REVISED STATIC LOAD TEST NOTES	JLL	02/18/26	ADOPTED CONVENTIONAL STATIC PILE LOAD	PCG	01/12/26	MODIFIED POA TEST PILE SCHEDULE	PCG	BY	REVISIONS	MISSISSIPPI DEPARTMENT OF TRANSPORTATION BRIDGE AT STA. 408+45.92
06/18/26	REVISED STATIC LOAD TEST NOTES	JLL	02/18/26	ADOPTED CONVENTIONAL STATIC PILE LOAD	PCG	01/12/26	MODIFIED POA TEST PILE SCHEDULE	PCG	BY	REVISIONS	MISSISSIPPI DEPARTMENT OF TRANSPORTATION BRIDGE AT STA. 408+45.92
06/18/26	REVISED STATIC LOAD TEST NOTES	JLL	02/18/26	ADOPTED CONVENTIONAL STATIC PILE LOAD	PCG	01/12/26	MODIFIED POA TEST PILE SCHEDULE	PCG	BY	REVISIONS	MISSISSIPPI DEPARTMENT OF TRANSPORTATION BRIDGE AT STA. 408+45.92
06/18/26	REVISED STATIC LOAD TEST NOTES	JLL	02/18/26	ADOPTED CONVENTIONAL STATIC PILE LOAD	PCG	01/12/26	MODIFIED POA TEST PILE SCHEDULE	PCG	BY	REVISIONS	MISSISSIPPI DEPARTMENT OF TRANSPORTATION BRIDGE AT STA. 408+45.92
06/18/26	REVISED STATIC LOAD TEST NOTES	JLL	02/18/26	ADOPTED CONVENTIONAL STATIC PILE LOAD	PCG	01/12/26	MODIFIED POA TEST PILE SCHEDULE	PCG	BY	REVISIONS	MISSISSIPPI DEPARTMENT OF TRANSPORTATION BRIDGE AT STA. 408+45.92
06/18/26	REVISED STATIC LOAD TEST NOTES	JLL	02/18/26	ADOPTED CONVENTIONAL STATIC PILE LOAD	PCG	01/12/26	MODIFIED POA TEST PILE SCHEDULE	PCG	BY	REVISIONS	MISSISSIPPI DEPARTMENT OF TRANSPORTATION BRIDGE AT STA. 408+45.92
06/18/26	REVISED STATIC LOAD TEST NOTES	JLL	02/18/26	ADOPTED CONVENTIONAL STATIC PILE LOAD	PCG	01/12/26	MODIFIED POA TEST PILE SCHEDULE	PCG	BY	REVISIONS	MISSISSIPPI DEPARTMENT OF TRANSPORTATION BRIDGE AT STA. 408+45.92
06/18/26	REVISED STATIC LOAD TEST NOTES	JLL	02/18/26	ADOPTED CONVENTIONAL STATIC PILE LOAD	PCG	01/12/26	MODIFIED POA TEST PILE SCHEDULE	PCG	BY	REVISIONS	MISSISSIPPI DEPARTMENT OF TRANSPORTATION BRIDGE AT STA. 408+45.92
06/18/26	REVISED STATIC LOAD TEST NOTES	JLL	02/18/26	ADOPTED CONVENTIONAL STATIC PILE LOAD	PCG	01/12/26	MODIFIED POA TEST PILE SCHEDULE	PCG	BY	REVISIONS	MISSISSIPPI DEPARTMENT OF TRANSPORTATION BRIDGE AT STA. 408+45.92
06/18/26	REVISED STATIC LOAD TEST NOTES	JLL	02/18/26	ADOPTED CONVENTIONAL STATIC PILE LOAD	PCG	01/12/26	MODIFIED POA TEST PILE SCHEDULE	PCG	BY	REVISIONS	MISSISSIPPI DEPARTMENT OF TRANSPORTATION BRIDGE AT STA. 408+45.92
06/18/26	REVISED STATIC LOAD TEST NOTES	JLL	02/18/26	ADOPTED CONVENTIONAL STATIC PILE LOAD	PCG	01/12/26	MODIFIED POA TEST PILE SCHEDULE	PCG	BY	REVISIONS	MISSISSIPPI DEPARTMENT OF TRANSPORTATION BRIDGE AT STA. 408+45.92
06/18/26	REVISED STATIC LOAD TEST NOTES	JLL	02/18/26	ADOPTED CONVENTIONAL STATIC PILE LOAD	PCG	01/12/26	MODIFIED POA TEST PILE SCHEDULE	PCG	BY	REVISIONS	MISSISSIPPI DEPARTMENT OF TRANSPORTATION BRIDGE AT STA. 408+45.92
06/18/26	REVISED STATIC LOAD TEST NOTES	JLL	02/18/26	ADOPTED CONVENTIONAL STATIC PILE LOAD	PCG	01/12/26	MODIFIED POA TEST PILE SCHEDULE	PCG	BY	REVISIONS	MISSISSIPPI DEPARTMENT OF TRANSPORTATION BRIDGE AT STA. 408+45.92
06/18/26	REVISED STATIC LOAD TEST NOTES	JLL	02/18/26	ADOPTED CONVENTIONAL STATIC PILE LOAD	PCG	01/12/26	MODIFIED POA TEST PILE SCHEDULE	PCG	BY	REVISIONS	MISSISSIPPI DEPARTMENT OF TRANSPORTATION BRIDGE AT STA. 408+45.92
06/18/26	REVISED STATIC LOAD TEST NOTES	JLL	02/18/26	ADOPTED CONVENTIONAL STATIC PILE LOAD	PCG	01/12/26	MODIFIED POA TEST PILE SCHEDULE	PCG	BY	REVISIONS	MISSISSIPPI DEPARTMENT OF TRANSPORTATION BRIDGE AT STA. 408+45.92
06/18/26	REVISED STATIC LOAD TEST NOTES	JLL	02/18/26	ADOPTED CONVENTIONAL STATIC PILE LOAD	PCG	01/12/26	MODIFIED POA TEST PILE SCHEDULE	PCG	BY	REVISIONS	MISSISSIPPI DEPARTMENT OF TRANSPORTATION BRIDGE AT STA. 408+45.92
06/18/26	REVISED STATIC LOAD TEST NOTES	JLL	02/18/26	ADOPTED CONVENTIONAL STATIC PILE LOAD	PCG	01/12/26	MODIFIED POA TEST PILE SCHEDULE	PCG	BY	REVISIONS	MISSISSIPPI DEPARTMENT OF TRANSPORTATION BRIDGE AT STA. 408+45.92
06/18/26	REVISED STATIC LOAD TEST NOTES	JLL	02/18/26	ADOPTED CONVENTIONAL STATIC PILE LOAD	PCG	01/12/26	MODIFIED POA TEST PILE SCHEDULE	PCG	BY	REVISIONS	MISSISSIPPI DEPARTMENT OF TRANSPORTATION BRIDGE AT STA. 408+45.92
06/18/26	REVISED STATIC LOAD TEST NOTES	JLL	02/18/26	ADOPTED CONVENTIONAL STATIC PILE LOAD	PCG	01/12/26	MODIFIED POA TEST PILE SCHEDULE	PCG	BY	REVISIONS	MISSISSIPPI DEPARTMENT OF TRANSPORTATION BRIDGE AT STA. 408+45.92
06/18/26	REVISED STATIC LOAD TEST NOTES	JLL	02/18/26	ADOPTED CONVENTIONAL STATIC PILE LOAD	PCG	01/12/26	MODIFIED POA TEST PILE SCHEDULE	PCG	BY	REVISIONS	MISSISSIPPI DEPARTMENT OF TRANSPORTATION BRIDGE AT STA. 408+45.92
06/18/26	REVISED STATIC LOAD TEST NOTES	JLL	02/18/26	ADOPTED CONVENTIONAL STATIC PILE LOAD	PCG	01/12/26	MODIFIED POA TEST PILE SCHEDULE	PCG	BY	REVISIONS	MISSISSIPPI DEPARTMENT OF TRANSPORTATION BRIDGE AT STA. 408+45.92
06/18/26	REVISED STATIC LOAD TEST NOTES	JLL	02/18/26	ADOPTED CONVENTIONAL STATIC PILE LOAD	PCG	01/12/26	MODIFIED POA TEST PILE SCHEDULE	PCG	BY	REVISIONS	MISSISSIPPI DEPARTMENT OF TRANSPORTATION BRIDGE AT STA. 408+45.92
06/18/26	REVISED STATIC LOAD TEST NOTES	JLL	02/18/26	ADOPTED CONVENTIONAL STATIC PILE LOAD	PCG	01/12/26	MODIFIED POA TEST PILE SCHEDULE	PCG	BY	REVISIONS	MISSISSIPPI DEPARTMENT OF TRANSPORTATION BRIDGE AT STA. 408+45.92
06/18/26	REVISED STATIC LOAD TEST NOTES	JLL	02/18/26	ADOPTED CONVENTIONAL STATIC PILE LOAD	PCG	01/12/26	MODIFIED POA TEST PILE SCHEDULE	PCG	BY	REVISIONS	MISSISSIPPI DEPARTMENT OF TRANSPORTATION BRIDGE AT STA. 408+45.92
06/18/26	REVISED STATIC LOAD TEST NOTES	JLL	02/18/26	ADOPTED CONVENTIONAL STATIC PILE LOAD	PCG	01/12/26	MODIFIED POA TEST PILE SCHEDULE	PCG	BY	REVISIONS	MISSISSIPPI DEPARTMENT OF TRANSPORTATION BRIDGE AT STA. 408+45.92
06/18/26	REVISED STATIC LOAD TEST NOTES	JLL	02/18/26	ADOPTED CONVENTIONAL STATIC PILE LOAD	PCG	01/12/26	MODIFIED POA TEST PILE SCHEDULE	PCG	BY	REVISIONS	MISSISSIPPI DEPARTMENT OF TRANSPORTATION BRIDGE AT STA. 408+45.92
06/18/26	REVISED STATIC LOAD TEST NOTES	JLL	02/18/26	ADOPTED CONVENTIONAL STATIC PILE LOAD	PCG	01/12/26	MODIFIED POA TEST PILE SCHEDULE	PCG	BY	REVISIONS	MISSISSIPPI DEPARTMENT OF TRANSPORTATION BRIDGE AT STA. 408+45.92
06/18/26	REVISED STATIC LOAD TEST NOTES	JLL	02/18/26	ADOPTED CONVENTIONAL STATIC PILE LOAD	PCG	01/12/26	MODIFIED POA TEST PILE SCHEDULE	PCG	BY	REVISIONS	MISSISSIPPI DEPARTMENT OF TRANSPORTATION BRIDGE AT STA. 408+45.92
06/18/26	REVISED STATIC LOAD TEST NOTES	JLL	02/18/26	ADOPTED CONVENTIONAL STATIC PILE LOAD	PCG	01/12/26	MODIFIED POA TEST PILE SCHEDULE	PCG	BY	REVISIONS	MISSISSIPPI DEPARTMENT OF TRANSPORTATION BRIDGE AT STA. 408+45.92
06/18/26	REVISED STATIC LOAD TEST NOTES	JLL	02/18/26	ADOPTED CONVENTIONAL STATIC PILE LOAD	PCG	01/12/26	MODIFIED POA TEST PILE SCHEDULE	PCG	BY	REVISIONS	MISSISSIPPI DEPARTMENT OF TRANSPORTATION BRIDGE AT STA. 408+45.92
06/18/26	REVISED STATIC LOAD TEST NOTES	JLL	02/18/26	ADOPTED CONVENTIONAL STATIC PILE LOAD	PCG	01/12/26	MODIFIED POA TEST PILE SCHEDULE	PCG	BY	REVISIONS	MISSISSIPPI DEPARTMENT OF

BEARING ASSEMBLY DATA
AND DESIGN REQUIREMENTS

Quantity		Unidirectional Bearing (UB-1 & UB-2)	Fixed Bearing (FB-1 & FB-2)
Location		Bent Nos. 7 & 10	Bent Nos. 8 & 9
SERVICE Limit State (Max)	Vertical Load	Dead	187 k
		Live (w/o IM)	131 k
		Wind	21 k
		Total	339 k
	Horizontal Load	Uplift Load	N/A
		Max. Longitudinal	51 k
		Concurrent Trans.	12 k
		Max. Transverse	12 k
	Vertical Load	Concurrent Long.	51 k
		Dead	233 k
		Live (w/o IM)	229 k
		Wind	0 k
STRENGTH Limit State (Max Factored)	Rotation (+/-)	Total	462 k
		Uplift Load	N/A
		Max. Longitudinal	70 k
		Concurrent Trans.	51 k
	Movement (+/-)	Max. Transverse	51 k
		Concurrent Long.	70 k
		Due To Live Load (w/o Impact)	0.0040 rad
		Due To Fab. & Const. Tolerances	0.0050 rad
EXTREME EVENT Limit State (Max Factored)	Vertical Load	Total	0.0090 rad
		Longitudinal	3.39 in.
		Transverse	0.00 in.
		Dead	233 k
	Horizontal Load	Live (w/o IM)	0 k
		Seismic	202 k
		Uplift Load	435 k
		Max. Longitudinal	48 k
	Rotation (+/-)	Concurrent Trans.	124 k
		Max. Transverse	124 k
		Concurrent Long.	48 k
		Due To Live Load (w/o Impact)	0.0030 rad
	Movement (+/-)	Due To Fab. & Const. Tolerances	0.0050 rad
		Total	0.0090 rad
		Longitudinal	3.39 in.
		Transverse	0.00 in.
	Vertical Load	Dead	233 k
		Live (w/o IM)	0 k
		Seismic	202 k
		Uplift Load	435 k
	Horizontal Load	Max. Longitudinal	48 k
		Concurrent Trans.	124 k
		Max. Transverse	124 k
		Concurrent Long.	48 k

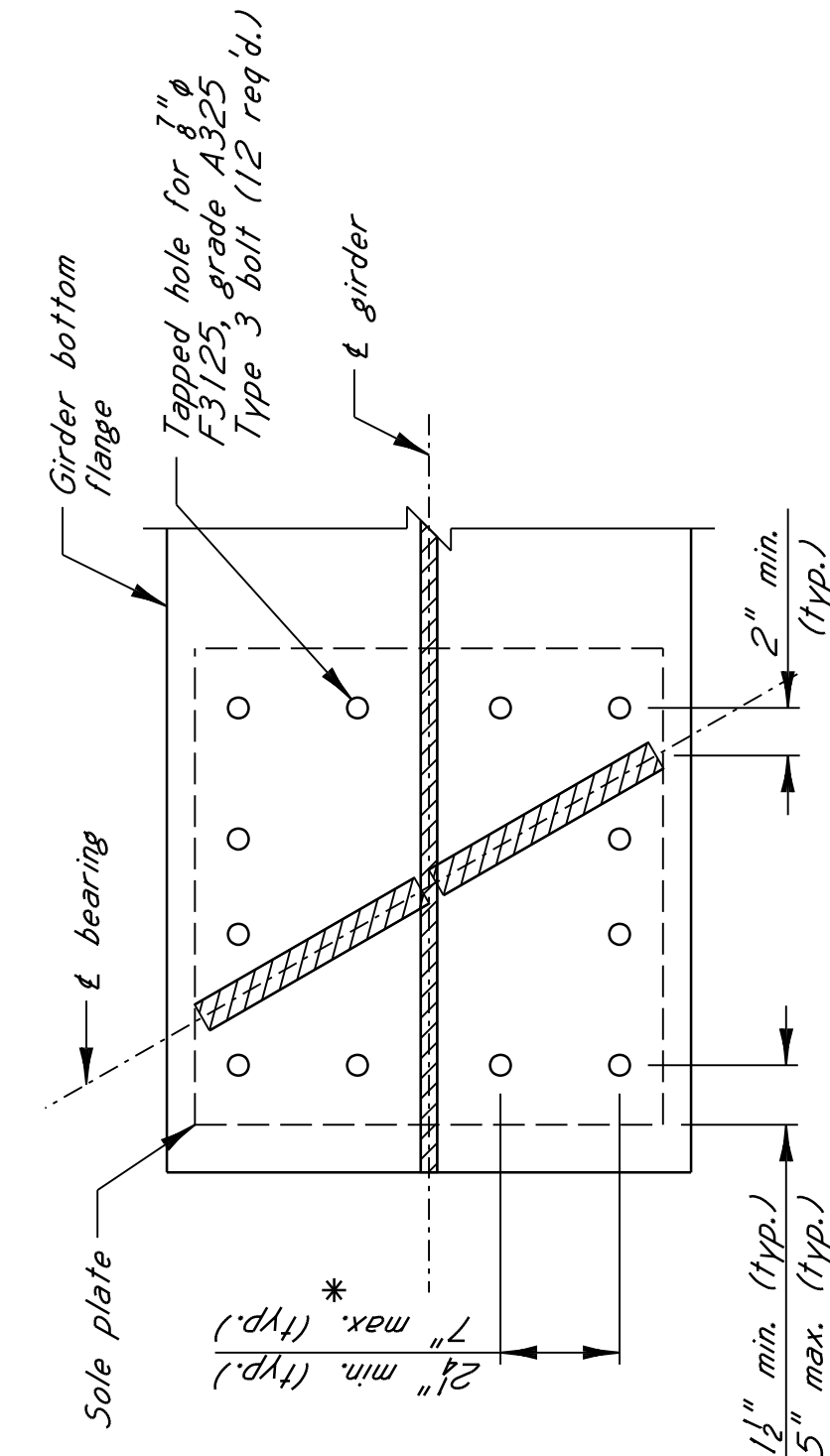
1 Governed by AASHTO LRFD 14.7.8.4 - Shear resisting mechanism shall be capable of resisting a horizontal force in any direction equal to a minimum of 1.5% of the design vertical load at the service limit state. Per code commentary, this 1.5% factor approximates a strength limit state horizontal design force.

2 Value represents 65% of the total design thermal movement range and includes an LRFD load factor of 1.2.

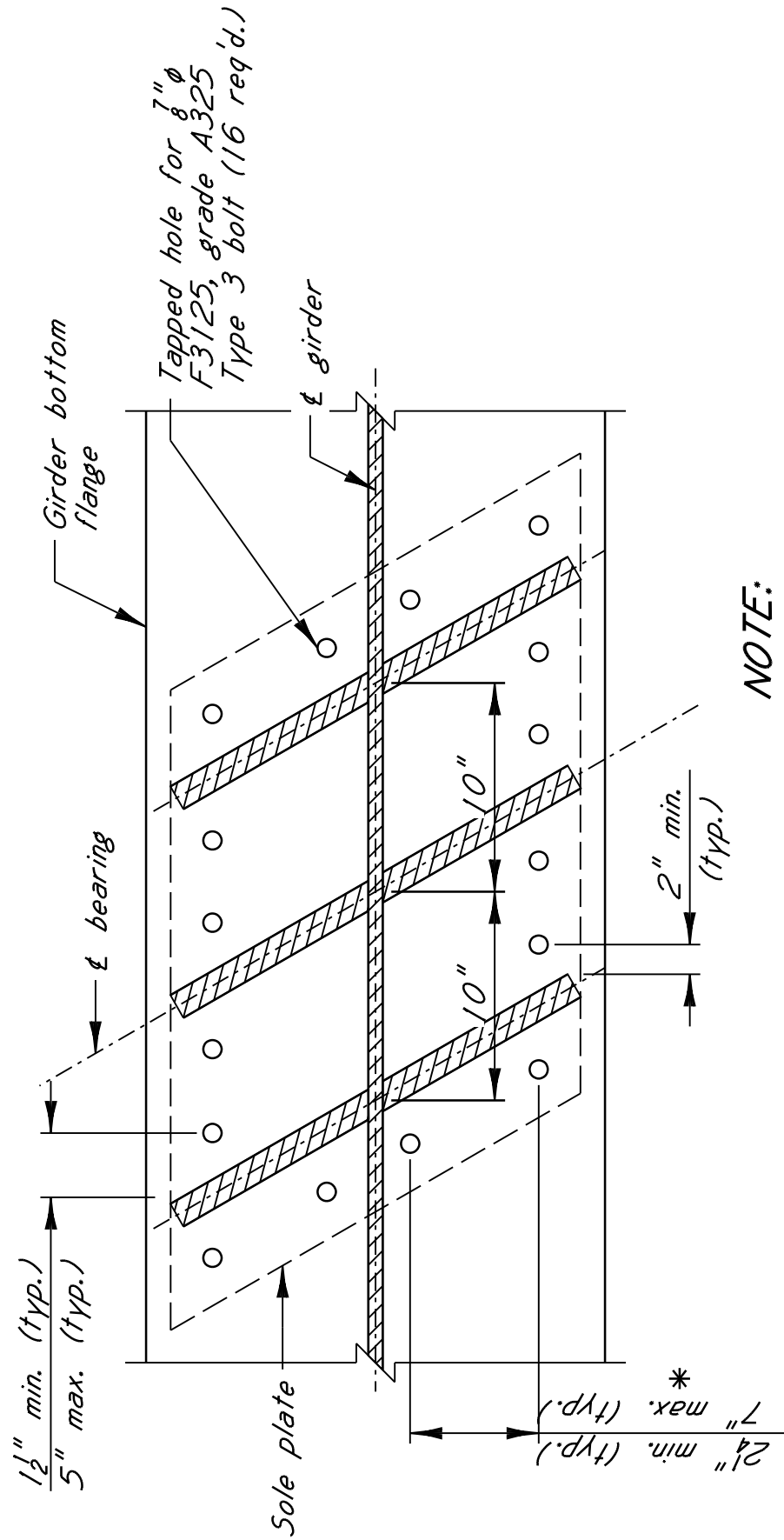
3 Beveled sole plate is used to account for the proposed grade. Rotation due to dead load is negligible.

4 Longitudinal loading equals the design vertical load multiplied by an assumed coefficient of friction = 0.150 for the PTFE surface.

* 7" max. bolt spacing governed by sealing requirements per AASHTO LRFD 6.13.2.6.2



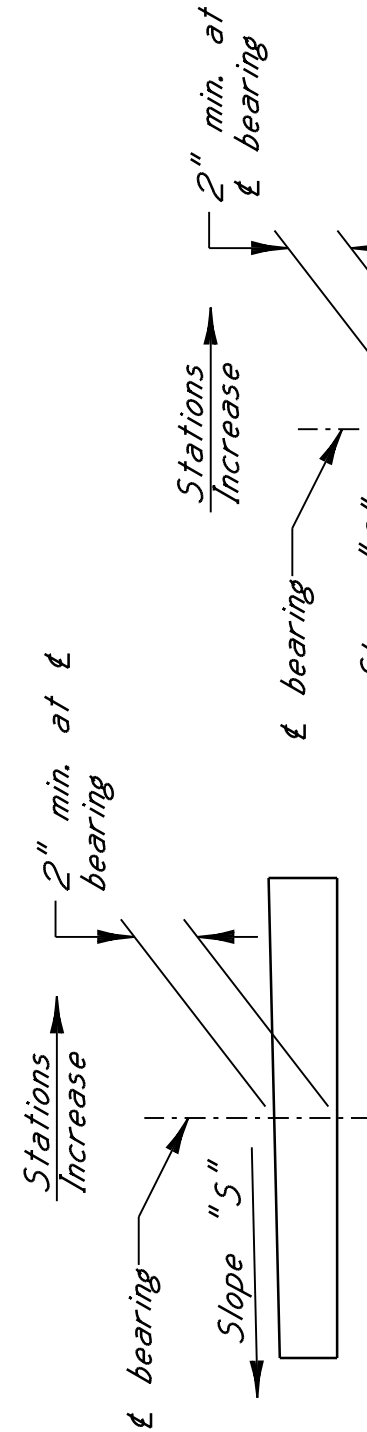
PLAN
(Bearing UB-1)



PLAN
(Bearing FB-1)

NOTE:
The Contractor is responsible for ensuring that the disc bearing fabricator provides a bearing-to-girder bolt template with hardened brushings to the steel girder fabricator, and the Contractor is responsible for proper fit-up. Details of these templates shall be included in the shop drawing submittal.

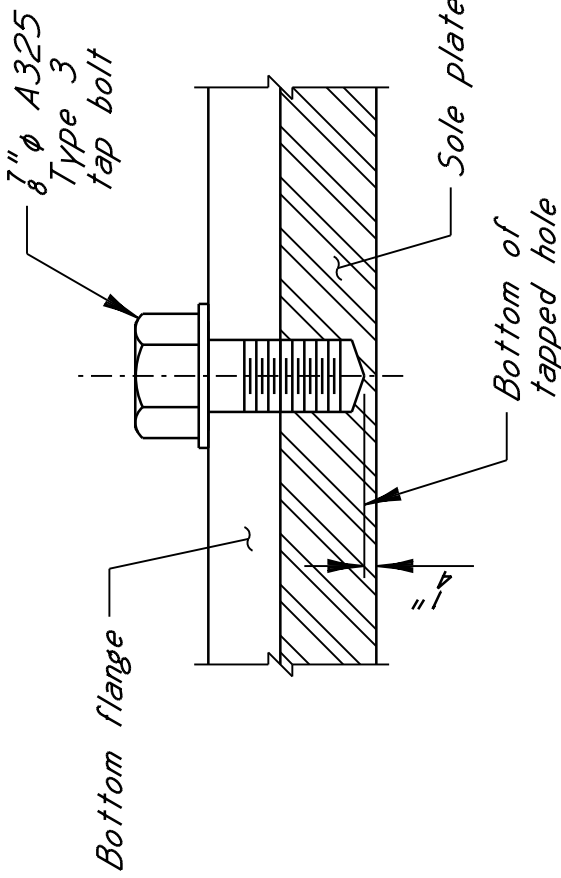
SOLE PLATE DETAILS



ELEVATION
(Bent nos. 7 & 8)

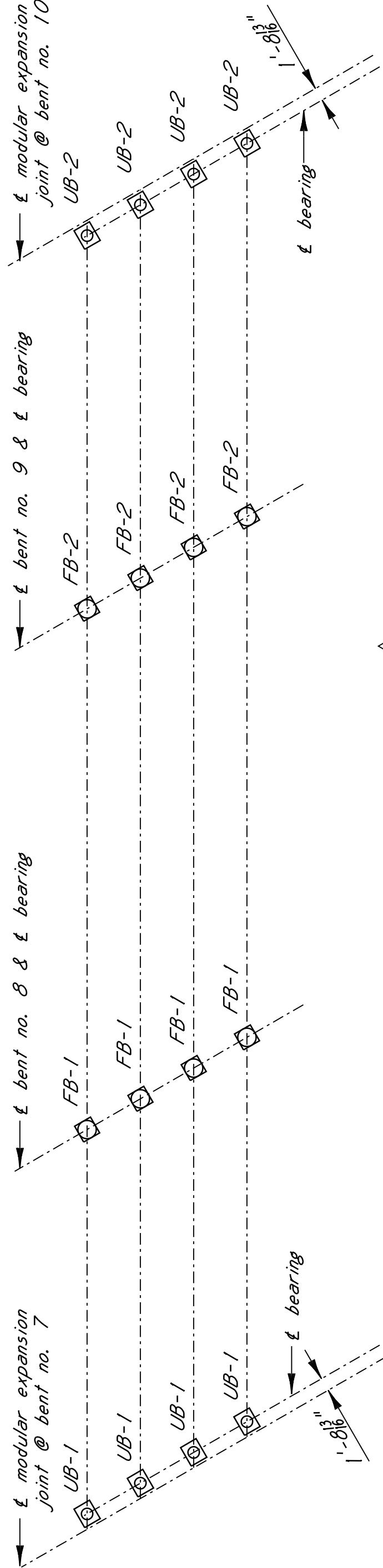
Bearing	Bent No(s.)	"5"
UB-1	7	1.66%
FB-1	8	0.86%
FB-2	9	0.77%
UB-2	10	1.81%

5



NOTE:
Bolt holes shall be shop tapped.

TAPPED HOLE DETAIL



BEARING LAYOUT



DATE: 08/18/26



MISSISSIPPI DEPARTMENT OF TRANSPORTATION BRIDGE AT STA. 408+45.92	PROJECT 102383/302000 BR-0051-02(023)	TALLAHATCHIE COUNTY	WORKING NUMBER B74 of B80
DESIGNER Jonathan Lewis	CHECKER Jonathan Lewis	DATE 8/18/26	SHEET NUMBER 8096
REMOVED SPECIAL PROVISION NOTE: JLC	REVISIED BEARING LAYOUT	REVISIONS	
BR			