## SECTION 905 -- PROPOSAL (CONTINUED)

I (We) further propose to execute the attached contract agreement (Section 902) as soon as the work is awarded to me (us), and to begin and complete the work within the time limit(s) provided for in the Specifications and Advertisement. I (We) also propose to execute the attached contract bond (Section 903) in an amount not less than one hundred (100) percent of the total of my (our) part, but also to guarantee the excellence of both workmanship and materials until the work is finally accepted.

I (We) enclose a certified check, cashier's check or bid bond for **five percent (5%) of total bid** and hereby agree that in case of my (our) failure to execute the contract and furnish bond within Ten (10) days after notice of award, the amount of this check (bid bond) will be forfeited to the State of Mississippi as liquidated damages arising out of my (our) failure to execute the contract as proposed. It is understood that in case I am (we are) not awarded the work, the check will be returned as provided in the Specifications.

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

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| ADDENDUM NO. | **1** | DATED | **1/7/2014** | ADDENDUM NO. | | DATED | |
| ADDENDUM NO | **2** | DATED | **01/21/2014** | ADDENDUM NO. | | DATED | |

| Number | Description |
|---|---|
| 1 | Revised NTB No. 4719; Amendment EBS Download Required. |
| 2 | Revised Table of Contents; Revised NTB No. 2382; Add NTB Nos. 4769 & 4841; Revised Wage Rates; Revised BidItems; Revised or Added Plan Sheet Nos. 2, 23, 8001, & 8004; Amendment EBS Download Required. |

TOTAL ADDENDA: **2**
(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.

# MISSISSIPPI DEPARTMENT OF TRANSPORTATION

## TABLE OF CONTENTS

**PROJECT: STP-0070-04(018) / 106296301 – Lafayette County**



**-- CONTINUED ON NEXT PAGE --**

Removal of Obstructions - # 4766
Portable Construction Lighting – # 4767
Changeable Message Signs - # 4768
Pre-Bid Meeting Minutes - # 4769
Stripe Pay Item - # 4841

906: Required Federal Contract Provisions -- FHWA-1273, W/ Supplements

907-101-4: Definitions
907-102-10: Bidding Requirements and Conditions
907-103-8: Award and Execution of Contract
907-104-1: Partnering Process
907-104-5: Scope of Work
907-105-7: Control of Work
907-107-13: Legal Relations & Responsibility to Public
907-107-14: Contractor's Protection Plan), W/ Supplement
907-108-35: Prosecution and Progress
907-109-6: Measurement and Payment, W/ Supplement
907-110-2: Wage Rates
907-216-1: Solid Sodding
907-225-3: Grassing
907-226-2: Temporary Grassing
907-227-10: Hydroseeding
907-234-5: Siltation Barriers
907-237-4: Wattles
907-245-2: Triangular Silt Dikes
907-246-3: Sandbags & Rockbags
907-247-1: Temporary Stream Diversion
907-249-1: Riprap for Erosion Control
907-304-13: Granular Courses
907-401-2: Hot Mix Asphalt (HMA), W/ Supplement
907-401-6: Warm Mix Asphalt (WMA)
907-403-4: Hot Mix Asphalt (HMA), W/ Supplement
907-403-12: Warm Mix Asphalt (WMA)
907-407-1: Tack Coat
907-413-5: Sawing & Sealing Transverse Joints in Asphalt Pavement
907-601-1: Structural Concrete
907-603-8: Culverts & Storm Drains
907-617-3: Right-Of-Way Markers
907-618-9: Placement of Temporary Traffic Stripe
907-619-5: Changeable Message Signs
907-619-6: Impact Attenuators
907-626-5: Inverted Profile Thermoplastic Traffic Stripe
907-626-25: Thermoplastic Traffic Markings
907-631-1: Flowable Fill
907-681-2: Submittal Data
907-682-13: Roadway Lighting System
907-683-11: Repair of Roadway Lighting System
907-699-5: Construction Stakes

**-- CONTINUED ON NEXT PAGE --**

907-701-4: Hydraulic Cement
907-702-3: Polyphosphoric Acid (PPA) Modification of Petroleum Asphalt Cement
907-703-11: Aggregates
907-708-6: Non-Metal Drainage Structures 907-709-1: Metal Pipe
907-710-1: Fast Dry Solvent Traffic Paint
907-711-4: Synthetic Structural Fiber Reinforcement
907-713-3: Admixtures for Concrete
907-714-8: Miscellaneous Materials
907-715-4: Roadside Development Materials
907-720-2: Pavement Marking Materials
907-804-13: Concrete Bridges and Structures, W/ Supplement

SECTION 905 - PROPOSAL,
PROPOSAL BID ITEMS,
COMBINATION BID PROPOSAL,
CERTIFICATION OF PERFORMANCE - PRIOR FEDERAL-AID CONTRACTS,
CERTIFICATION REGARDING NON-COLLUSION, DEBARMENT AND SUSPENSION,
SECTION 902 - CONTRACT FORM, AND SECTION 903 - CONTRACT BOND FORMS,
PILE DRIVING FORM,
OCR-485.

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

# MISSISSIPPI DEPARTMENT OF TRANSPORTATION

**SECTION 904 - NOTICE TO BIDDERS NO. 2382** **CODE: (IS)**

**DATE: 02/12/2009**

**SUBJECT: Status of Right-of-Way**

Although it is desirable to have acquired all rights-of-way and completed all utility adjustments and work to be performed by others prior to receiving bids, sometimes it is not considered to be in the public interest to wait until each and every such clearance has been obtained. The bidder is hereby advised of possible unacquired rights-of-way, relocatees and utilities which have not been completed.

The status of right-of-way acquisition, utility adjustments, encroachments, potentially contaminated sites and asbestos containation are set forth in the following attachments.

In the event right of entry is not available to ALL parcels of right-of-way and/or all work that is to be accomplished by others on the date set forth in the contract for the Notice to Proceed is not complete, the Department will issue a restricted Notice to Proceed.

**STATUS OF RIGHT-OF-WAY**
STP-0070-04(018)
106296-301000
Lafayette County

December 13, 2013

All rights of way and legal rights of entry have been acquired, **except**

**None.**

ASBESTOS CONTAMINATION STATUS OF BUILDINGS
TO BE REMOVED BY THE CONTRACTOR
STP-0070-01(018)
106296-301000
Lafayette County
December 13, 2013

Reference is made to notices to bidders entitled "Asbestos National Emission Standards for Hazardous Air Pollutants (NESHAP)" and "Removal of Obstructions".

The following pertinent information is furnished concerning asbestos containing materials (ACMs), if any, found in buildings to be removed by the Contractor.

There are no buildings in the contract to be removed.

STATUS OF POTENTIALLY CONTAMINATED SITES
STP-0070-01(018)
106296-301000
Lafayette County
December 13, 2013

This project has been inspected and there was no visible indication of potentially contaminated sites within the proposed right of way.

**ENCROACHMENT CERTIFICATION**

STP-0070-04(018) / 106296301

Lafayette County(ies)

December 4, 2013

This is to certify that the above captioned project has been inspected and no encroachments were found.

**UTILITY STATUS REPORT**

STP-0070-04(018) / 106296301

Lafayette County(ies)

January 13, 2014

This is to certify that the above captioned project has been inspected and there are no known utilities in conflict with the project.

# MISSISSIPPI DEPARTMENT OF TRANSPORTATION

**SECTION 904 - NOTICE TO BIDDERS NO. 4769** **CODE: (SP)**

**DATE: 01/13/2014**

**SUBJECT**: **Pre-Bid Meeting Minutes**

**PROJECT: STP-0070-04(018) / 106296301 – Lafayette County**

Attached are the attendance roster and minutes for the Pre-Bid Meeting held on January 13, 2014 for the project.

**Pre-bid Meeting Minutes**
**January 13, 2014**
**1:45 PM**

The meeting began with a brief introduction outlining the history of the project to current date, and also stated that the District thought it to be a good idea to hold a pre-bid meeting.

MDOT personnel and representatives introduced themselves to the bidders present at the meeting.

The questions and answers from the pre-bid meeting will be published in the addendum to the project.

The meeting continued with an overview of the Project in conjunction with the school opening and closing.

Mr. Richard Chisolm went over the Proposal and pointed out Key NTBs that were important:

NTB 2382 – Status of ROW – Utilities have been relocated.
NTB 3980 – Questions Regarding Bidding
NTB 4716 – Contract Time – completion date of November 3, 2014 and Milestone Completion Date are two different dates. If an Erosion Control Plan is approved early the Contractor may proceed with no penalty.
NTB 4720 – Milestone Completion Date – Determined by the University Calendar, $20,000 penalty per day if milestone Work is not completed, goal is Old Taylor Road opened to traffic prior to University of Mississippi starting for Fall semester
NTB 4721 – Milestone Substantial Completion – Area defined within by station limits and work to be done. Incidentals not mentioned are understood to be required to be complete.
NTB 4760 – No Excuse Incentive/Disincentive - Plans changes and Supplemental Agreements are not an excuse, Contractor must request payment if Milestone Date reached, $20,000 day disincentive is not capped; Liquidated Damages apply to completion date.
NTB 4761 – Additional Construction Requirements – Contractor to consider shoring
NTB 4762 – Lane Closure Restrictions on Old Taylor Rd., Taylor Rd., and Frontage Rd. – Whirlpool detour route to be open to the public prior to closing Old Taylor Road
NTB 4763 – Lane Closure Restrictions on SR 6 – May close lanes temporarily for setting beams, no closures during ballgames, work to begin within three hours.
NTB 4765 – Pile Driving Operations – Work is adjacent to residences, limiting hours of operations.
NTB 4766 – Removal of Obstructions - The entire guardhouse is to come out.

After the review of the Proposal the floor was open for questions, but no one had any, so the floor was turned over to Tony Sheffield.

\

Mr. Tony Sheffield pointed out the following:

For Removal of Obstructions - gates at residence have since been removed but concrete and other items remain. Gates and guardhouse at apartments are still in place.
Location of the Whirlpool Detour – described on map, fencing items set up to secure property before and after use as public detour, copy of keys to be provided, water filled barriers within parking lot used as detour route.
Commitments have been made to not disturb the trees within the northern section of the ROW (Bailey Woods) but outside of the construction limits. Some trees will come out near the crossdrains, but big mature hardwoods need to be protected, including limbs and siltation damage.
No restrictions on clearing and grubbing needed at other areas of project, though only take trees needed for construction if possible, while leaving trees for a buffer if possible.
There are no access agreements with private parties other than for the University of Mississippi owned, former Whirlpool property.
Lane Closures – work that will not impact traffic is encouraged outside of the complete shutdown of Old Taylor Road, there will likely be a city project to the south on Old Taylor Road near the hospital entrance.
Lighting - Lights serving the University of Mississippi parking lots should be kept in service if possible. Permanent Lighting is not part of the Milestone, and may be erected after the Milestone with a lane closure, as long as the present capacity is not reduced. However, traffic control will need to consider flow in the roundabout. Permanent Lighting was left off to facilitate fabrication of the poles.
Project Engineer – District 1 will be overseeing the project, but Batesville will be hands on due to the Commitments made.

Mr. Richard Chisolm encouraged submission of questions through the website.

Mr. Tony Sheffield clarified:

The 2.45’ elevation note regarding the survey. The horizontal location is correct but the elevation will need to be verified off fixed points such as bridges, to verify correction is made.
Lettering on the Bridge Rail – A suggestion was made for raised lettering, but Commitments have been made for the recessed lettering.

The meeting was adjourned at 2:45 PM.

**Mississippi Department of Transportation**
**Pre Bid Conference**
**Sign In Sheet**
**Project No. STP-0070-04(018) / 106296301 -- Lafayette County**
**January 13, 2014**

| Name | Company | Phone Number | e-mail address |
|---|---|---|---|
| Earl Glenn | MDOT - Construction | 601-359-7301 | eglenn@mdot.ms.gov |
| Tom Bryan | " | -7324 | tbryan@ " |
| Rebecca Johnson | " | -7329 | rjohnson@ " |
| Brad Swain | " | 601-359-7314 | bkswain@mdot.ms.gov |
| Richard Chisolm | " | 601-359-730[illegible] | rchisolm@ " |
| Jamie McDonald | MDOT- Dist 1 | 662-842-1122 | jmcdonald@mdot.ms.gov |
| Joey Hitt | MDOT - New Albany PO | 662-534-5121 | jhitt@mdot.ms.gov |
| Skip Benson | MDOT - Dist 1 | 662-842-1122 | cbenson2@mdot.ms.gov |
| Jamie Sullivan | Talbot Bros | 9018310082 | jamcsull@gmail.com |
| DAVID HORTON | CENTURY CONST | 662-587-3662 | rdhorton@centurycr.com |
| KENT HOWELL | ENDEVCO | 662-236-2234 | SKENTHOWELL@GMAIL.COM |
| Brian Stumph | Joe McGee Const | 601-697-2931 | brian.stumph@joemcgeeconst.com |
| Clay Broom | T.L. Wallace Const. | 601-736-4525 | clay.broom@tlwallace.com |
| VIRGIL PAYNE | MDOT - CONST | 601 359 7318 | VPayne@ " |
| TONY SHEFFIELD | MDOT - DIST. 2 | 662-563-4541 | |
| CINDY WARNER | AMERICAN FIELD | 601 853 1000 | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

# MISSISSIPPI DEPARTMENT OF TRANSPORTATION

**SECTION 904- NOTICE TO BIDDERS NO. 4841** **CODE: (SP)**

**DATE: 1/21/2014**

**SUBJECT: Stripe Pay Item**

**PROJECT: STP-0070-04(018) / 106296301 -- Lafayette County**

Bidders are hereby advised that the Pay Item shown in the plan Summary of Quantities sheet SQ-4, as Pay Item 907-626-M002 Inverted Profile Thermoplastic Detail Traffic Stripe, Yellow is incorrect. The correct Pay Item is 907-626-J003, 6" Inverted Profile Thermoplastic Traffic Stripe, Continuous White. The Pay Item shown in the proposal bid sheets is correct.. Also note that the Continuous Yellow and Continuous White should be grouped as alternates on SQ-4 in the plan summary of quantities.

>

General Decision Number: MS140144 01/03/2014  MS144

Superseded General Decision Number: MS20130144

State: Mississippi

Construction Type: Highway

County: Lafayette County in Mississippi.

HIGHWAY CONSTRUCTION PROJECTS (excluding tunnels, building structures in rest area projects & railroad construction; bascule, suspension & spandrel arch bridges designed for commercial navigation, bridges involving marine construction; and other major bridges).

| Modification Number | Publication Date |
|---|---|
| 0 | 01/03/2014 |

* ELEC0474-008 01/07/2013

| | Rates | Fringes |
|---|---|---|
| ELECTRICIAN | $ 24.30 | 11.46 |

---

*  SUMS2008-105 09/04/2008

| | Rates | Fringes |
|---|---|---|
| CARPENTER, Includes Form Work | $ 12.42 | 0.87 |
| CEMENT MASON/CONCRETE FINISHER | $ 10.75 | 0.00 |
| IRONWORKER, REINFORCING | $ 9.67 | 0.00 |
| LABORER: Common or General | $ 8.72 | 0.00 |
| LABORER: Pipelayer | $ 9.75 | 0.00 |
| LABORER: Asphalt Raker and Asphalt Shoveler | $ 7.50 | 0.00 |
| OPERATOR: Backhoe/Excavator | $ 11.27 | 0.00 |
| OPERATOR: Broom/Sweeper | $ 10.17 | 0.00 |
| OPERATOR: Bulldozer | $ 9.95 | 0.00 |
| OPERATOR: Crane | $ 15.04 | 0.00 |
| OPERATOR: Grader/Blade | $ 13.00 | 0.00 |
| OPERATOR: Loader | $ 10.48 | 0.00 |
| OPERATOR: Mechanic | $ 10.60 | 0.00 |

OPERATOR: Oiler.....$ 12.33 0.48

OPERATOR: Roller.....$ 9.65 0.00

OPERATOR: Scraper.....$ 11.15 0.00

OPERATOR: Tractor.....$ 10.71 0.00

OPERATOR: Asphalt Paver and
Asphalt Spreader.....$ 10.00 0.00

TRUCK DRIVER.....$ 9.68 0.00

---

WELDERS - Receive rate prescribed for craft performing operation to which welding is incidental.

==========

Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (ii)).

---

The body of each wage determination lists the classification and wage rates that have been found to be prevailing for the cited type(s) of construction in the area covered by the wage determination. The classifications are listed in alphabetical order of "identifiers" that indicate whether the particular rate is union or non-union.

Union Identifiers

An identifier enclosed in dotted lines beginning with characters other than "SU" denotes that the union classification and rate have found to be prevailing for that classification. Example: PLUM0198-005 07/01/2011. The first four letters , PLUM, indicate the international union and the four-digit number, 0198, that follows indicates the local union number or district council number where applicable , i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. The date, 07/01/2011, following these characters is the effective date of the most current negotiated rate/collective bargaining agreement which would be July 1, 2011 in the above example.

Union prevailing wage rates will be updated to reflect any changes in the collective bargaining agreements governing the rates.

0000/9999: weighted union wage rates will be published annually each January.

Non-Union Identifiers

Classifications listed under an "SU" identifier were derived from survey data by computing average rates and are not union rates; however, the data used in computing these rates may include both union and non-union data. Example: SULA2004-007 5/13/2010. SU indicates the rates are not union majority rates, LA indicates the State of Louisiana; 2004 is the year of the survey; and 007 is an internal number used in producing the wage determination. A 1993 or later date, 5/13/2010, indicates the classifications and rates under that identifier were issued as a General Wage Determination on that date.

Survey wage rates will remain in effect and will not change until a new survey is conducted.

---

WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

* an existing published wage determination
* a survey underlying a wage determination
* a Wage and Hour Division letter setting forth a position on a wage determination matter
* a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour Regional Office for the area in which the survey was conducted because those Regional Offices have responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations
Wage and Hour Division
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

4.) All decisions by the Administrative Review Board are final.

==========

END OF GENERAL DECISION

Interchange Reconstruction at Old Taylor Rd. and SR 6 Interchange, known as Federal Aid Project No. STP-0070-04(018) / 106296301 in Lafayette 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 | | 1 | Acre | Clearing and Grubbing |
| 0030 | 202-A001 | | 1 | Lump Sum | Removal of Obstructions |
| 0040 | 202-B005 | | 9,712 | Square Yard | Removal of Asphalt Pavement, All Depths |
| 0050 | 202-B010 | | 125 | Square Yard | Removal of Bridge End Pavement |
| 0060 | 202-B018 | | 359 | Square Yard | Removal of Concrete Driveways, All Depths |
| 0070 | 202-B025 | | 312 | Square Yard | Removal of Concrete Paved Ditch |
| 0080 | 202-B035 | | 254 | Square Yard | Removal of Concrete Sidewalk |
| 0090 | 202-B038 | | 2,341 | Linear Feet | Removal of Curb, All Types |
| 0100 | 202-B041 | | 298 | Linear Feet | Removal of Fence, All Types |
| 0110 | 202-B042 | | 4 | Each | Removal of Flared End Section, All Sizes |
| 0120 | 202-B053 | | 692 | Linear Feet | Removal of Guard Rail Including Post, Blockouts & Hardware |
| 0130 | 202-B064 | | 178 | Linear Feet | Removal of Pipe, 8" And Above |
| 0140 | 202-B070 | | 19 | Each | Removal of Sign Including Post & Footing |
| 0150 | 202-B088 | | 4 | Each | Removal of Box Culvert Headwall, All Sizes |
| 0160 | 202-B098 | | 5 | Each | Removal of Inlet and Junction Box, All Types & Sizes |
| 0170 | 202-B099 | | 5 | Each | Removal of Existing Light and Foundation |
| 0180 | 202-B103 | | 115 | Linear Feet | Removal of Retaining Wall |
| 0190 | 202-B105 | | 5 | Each | Removal of Pipe Headwall, All Sizes |
| 0200 | 202-B149 | | 1 | Mile | Removal of Traffic Stripe |
| 0210 | 202-B162 | | 2 | Each | Removal of Secondary Power Controller |
| 0220 | 203-A003 | (E ) | 13,523 | Cubic Yard | Unclassified Excavation, FM, AH |
| 0230 | 203-EX017 | (E ) | 63,849 | Cubic Yard | Borrow Excavation, AH, FME, Class B9 |
| 0240 | 206-A001 | (S ) | 1,525 | Cubic Yard | Structure Excavation |
| 0250 | 206-B001 | (E ) | 108 | Cubic Yard | Select Material for Undercuts, Contractor Furnished, FM |
| 0260 | 209-A004 | | 20,494 | Square Yard | Geotextile Stabilization, Type V, Non-Woven |
| 0270 | 211-B001 | (E ) | 4,183 | Cubic Yard | Topsoil for Slope Treatment, Contractor Furnished |
| 0280 | 213-C001 | | 5 | Ton | Superphosphate |
| 0290 | 217-A001 | | 130 | Square Yard | Ditch Liner |
| 0300 | 219-A001 | | 20 | Thousand Gallon | Watering [$20.00] |
| 0310 | 220-A001 | | 10 | Acre | Insect Pest Control [$30.00] |
| 0320 | 221-A001 | (S ) | 72 | Cubic Yard | Portland Cement Concrete Paved Ditch |

| Line No. | Item Code | Adj Code | Quantity | Units | Description [Fixed Unit Price] |
|---|---|---|---|---|---|
| 0330 | 223-A001 | | 10 | Acre | Mowing [$50.00] |
| 0340 | 234-A001 | | 9,750 | Linear Feet | Temporary Silt Fence |
| 0350 | 235-A001 | | 250 | Bale | Temporary Erosion Checks |
| 0360 | 239-A001 | | 450 | Linear Feet | Temporary Slope Drains |
| 0370 | 406-A001 | | 12,103 | Square Yard | Cold Milling of Bituminous Pavement, All Depths |
| 0380 | 501-E001 | | 128 | Linear Feet | Expansion Joints, Without Dowels |
| 0390 | 502-A001 | (C ) | 293 | Square Yard | Reinforced Cement Concrete Bridge End Pavement |
| 0400 | 602-A001 | (S ) | 98,260 | Pounds | Reinforcing Steel |
| 0410 | 603-CA002 | (S ) | 1,224 | Linear Feet | 18" Reinforced Concrete Pipe, Class III |
| 0420 | 603-CA003 | (S ) | 496 | Linear Feet | 24" Reinforced Concrete Pipe, Class III |
| 0430 | 603-CA004 | (S ) | 88 | Linear Feet | 30" Reinforced Concrete Pipe, Class III |
| 0440 | 603-CA005 | (S ) | 48 | Linear Feet | 36" Reinforced Concrete Pipe, Class III |
| 0450 | 603-CA007 | (S ) | 400 | Linear Feet | 48" Reinforced Concrete Pipe, Class III |
| 0460 | 603-CA087 | (S ) | 60 | Linear Feet | 12" Reinforced Concrete Pipe, Class III |
| 0470 | 603-CB001 | (S ) | 5 | Each | 18" Reinforced Concrete End Section |
| 0480 | 603-CB002 | (S ) | 6 | Each | 24" Reinforced Concrete End Section |
| 0490 | 603-CB003 | (S ) | 2 | Each | 30" Reinforced Concrete End Section |
| 0500 | 603-CB004 | (S ) | 1 | Each | 36" Reinforced Concrete End Section |
| 0510 | 603-CB006 | (S ) | 4 | Each | 48" Reinforced Concrete End Section |
| 0520 | 603-SB004 | (S ) | 2 | Each | 24" Branch Connections, Stub into Box Culvert |
| 0530 | 603-SB024 | (S ) | 1 | Each | 18" Branch Connections, Stub into Existing Median Inlet |
| 0540 | 604-A001 | | 1,985 | Pounds | Castings |
| 0550 | 604-B001 | | 1,000 | Pounds | Gratings |
| 0560 | 606-B007 | | 325 | Linear Feet | Guard Rail, Class A, Type 1, 'W' Beam, Metal Post |
| 0570 | 606-C002 | | 1 | Each | Guard Rail, Cable Anchor Type 1, Metal Post |
| 0580 | 606-D012 | | 6 | Each | Guard Rail, Bridge End Section, Type I |
| 0590 | 606-E001 | | 7 | Each | Guard Rail, Terminal End Section |
| 0600 | 607-A002 | | 298 | Linear Feet | 60" Type "A" Woven Wire Fence, w/ Barbed Wire as Shown |
| 0610 | 607-B041 | | 40 | Linear Feet | 72" Type I Chain Link Fence, Class I , With Top Guard |
| 0620 | 607-G105 | | 2 | Each | Gate, 24' x 6' Double Chain Link w/ Top Guard |
| 0630 | 607-P1002 | | 2 | Each | Line Post, 10' x 4" Timber |
| 0640 | 607-P1009 | | 12 | Each | Line Post, 9' x 2" Galvanized Steel |
| 0650 | 607-P1020 | | 11 | Each | Line Post, 7' x 4" Timber |
| 0660 | 607-P1021 | | 2 | Each | Line Post, 9' x 4" Timber |
| 0670 | 607-P2001 | | 7 | Each | Brace Post, 8' x 6" Timber |

| Line No. | Item Code | Adj Code | Quantity | Units | Description [Fixed Unit Price] |
|---|---|---|---|---|---|
| 0680 | 607-P2002 | | 2 | Each | Brace Post, 10' x 6" Timber |
| 0690 | 607-P2003 | | 1 | Each | Brace Post, 12' x 6" Timber |
| 0700 | 607-P3009 | | 4 | Each | Gate Post, 10' x 3 1/2" Galvanized Steel |
| 0710 | 608-B001 | (S ) | 1,246 | Square Yard | Concrete Sidewalk, With Reinforcement |
| 0720 | 609-B002 | (S ) | 40 | Linear Feet | Concrete Curb, Doweled |
| 0730 | 609-D004 | (S ) | 2,998 | Linear Feet | Combination Concrete Curb and Gutter Type 3A Modified |
| 0740 | 609-D006 | (S ) | 552 | Linear Feet | Combination Concrete Curb and Gutter Type 1 Modified |
| 0750 | 609-D007 | (S ) | 1,147 | Linear Feet | Combination Concrete Curb and Gutter Type 2 Modified |
| 0760 | 614-B002 | (S ) | 227 | Square Yard | Concrete Driveway, With Reinforcement, 6-inch Thickness |
| 0770 | 615-A012 | (S ) | 445 | Linear Feet | Concrete Type IV Modified, 42" Height, Cast-in-Place Median Barrier |
| 0780 | 615-A015 | (S ) | 41 | Linear Feet | Concrete Bridge End Barrier, 32" |
| 0790 | 616-A007 | (S ) | 984 | Square Yard | Concrete Median and/or Island Pavement, 11-inch |
| 0800 | 618-A001 | | 1 | Lump Sum | Maintenance of Traffic |
| 0810 | 619-A1004 | | 4 | Mile | Temporary Traffic Stripe, Continuous White, Paint |
| 0820 | 619-A1007 | | 2,503 | Linear Feet | Temporary Traffic Stripe, Continuous White, Type 1 Tape |
| 0830 | 619-A2004 | | 4 | Mile | Temporary Traffic Stripe, Continuous Yellow, Paint |
| 0840 | 619-A2007 | | 2,739 | Linear Feet | Temporary Traffic Stripe, Continuous Yellow, Type 1 Tape |
| 0850 | 619-A3004 | | 480 | Linear Feet | Temporary Traffic Stripe, Skip White, Type 1 Tape |
| 0860 | 619-A3007 | | 2 | Mile | Temporary Traffic Stripe, Skip White, Paint |
| 0870 | 619-A5002 | | 12,614 | Linear Feet | Temporary Traffic Stripe, Detail, Paint |
| 0880 | 619-A5004 | | 406 | Linear Feet | Temporary Traffic Stripe, Detail, Type 1 Tape |
| 0890 | 619-A6003 | | 3,433 | Linear Feet | Temporary Traffic Stripe, Legend, Paint |
| 0900 | 619-A6004 | | 1,329 | Square Feet | Temporary Traffic Stripe, Legend, Paint |
| 0910 | 619-A6007 | | 166 | Linear Feet | Temporary Traffic Stripe, Legend, Type 1 Tape |
| 0920 | 619-C6001 | | 30 | Each | Red-Clear Reflective High Performance Raised Marker |
| 0930 | 619-D1001 | | 317 | Square Feet | Standard Roadside Construction Signs, Less than 10 Square Feet |
| 0940 | 619-D2001 | | 927 | Square Feet | Standard Roadside Construction Signs, 10 Square Feet or More |
| 0950 | 619-F1001 | | 2,030 | Linear Feet | Concrete Median Barrier, Precast |
| 0960 | 619-F1005 | | 1,400 | Linear Feet | Portable Median Barrier, Less Than or Equal to 45 MPH |
| 0970 | 619-F2001 | | 320 | Linear Feet | Remove and Reset Concrete Median Barrier, Precast |
| 0980 | 619-G4001 | | 12 | Linear Feet | Barricades, Type III, Single Faced |
| 0990 | 619-G4005 | | 132 | Linear Feet | Barricades, Type III, Double Faced |
| 1000 | 619-G5001 | | 318 | Each | Free Standing Plastic Drums |
| 1010 | 619-J1002 | | 5 | Unit | Impact Attenuator, 50 MPH |
| 1020 | 620-A001 | | 1 | Lump Sum | Mobilization |

| Line No. | Item Code | Adj Code | Quantity | Units | Description [Fixed Unit Price] |
|---|---|---|---|---|---|
| 1025 | 622-A002 | | 1 | Each | Engineer's Field Office Building, Type 2 |
| Added 01/21/2014 | | | | | |
| 1030 | 627-K001 | | 527 | Each | Red-Clear Reflective High Performance Raised Markers |
| 1040 | 627-L001 | | 154 | Each | Two-Way Yellow Reflective High Performance Raised Markers |
| 1050 | 630-A001 | | 150 | Square Feet | Standard Roadside Signs, Sheet Aluminum, 0.080" Thickness |
| 1060 | 630-A002 | | 301 | Square Feet | Standard Roadside Signs, Sheet Aluminum, 0.125" Thickness |
| 1070 | 630-B001 | | 80 | Square Feet | Interstate Directional Signs, Bolted Extruded Aluminum Panels, Ground Mounted |
| 1080 | 630-C001 | | 13 | Linear Feet | Steel U-Section Posts, 2.0 lb/ft |
| 1090 | 630-C004 | | 470 | Linear Feet | Steel U-Section Posts, 3.0 to 3.5 lb/ft |
| 1100 | 630-D003 | | 152 | Linear Feet | Structural Steel Beams, W6 x 9 |
| 1110 | 630-E001 | | 147 | Pounds | Structural Steel Angles & Bars, 3" x 3" x 1/4" Angles |
| 1120 | 630-E004 | | 492 | Pounds | Structural Steel Angles & Bars, 7/16" x 2 1/2" Flat Bar |
| 1130 | 630-G002 | | 4 | Each | Type 3 Object Markers, OM-3R or OM-3L, Post Mounted |
| 1140 | 630-K002 | | 168 | Linear Feet | Welded & Seamless Steel Pipe Posts, 3 1/2" |
| 1150 | 630-K003 | | 34 | Linear Feet | Welded & Seamless Steel Pipe Posts, 4" |
| 1160 | 682-A015 | | 420 | Linear Feet | Underground Branch Circuit, AWG 2, 3 Conductor |
| 1170 | 682-A031 | | 3,660 | Linear Feet | Underground Branch Circuit, AWG 6, 3 Conductor |
| 1180 | 682-B031 | | 570 | Linear Feet | Underground Branch Circuit, Jacked or Bored, AWG 6, 3 Conductor |
| 1190 | 682-C028 | | 475 | Linear Feet | Structure Mounted Branch Circuit, AWG 6, 3 Conductor |
| 1200 | 682-D001 | | 2 | Each | Underground Pull Box |
| 1210 | 682-D003 | | 4 | Each | Structure Mounted Pull Box |
| 1220 | 682-E001 | | 2 | Each | Underground Junction Box |
| 1230 | 682-F001 | | 1 | Each | Secondary Power Controllers |
| 1240 | 683-B003 | | 18 | Each | Lighting Assembly, Low Mast, Type 30-1-12-250 |
| 1250 | 683-B003 | | 3 | Each | Lighting Assembly, Low Mast, Type 30-1-12-250 (Bridge Mounted) |
| 1260 | 809-A004 | (S ) | 699 | Square Feet | Mechanically Stabilized Earth Wall System |
| 1270 | 815-A009 | (S ) | 169 | Ton | Loose Riprap, Size 300 |
| 1280 | 815-E001 | (S ) | 314 | Square Yard | Geotextile under Riprap |
| 1290 | 907-216-B004 | | 982 | Square Yard | Solid Sodding, Bermuda |
| 1300 | 907-225-A001 | | 10 | Acre | Grassing |
| 1310 | 907-225-B001 | | 5 | Ton | Agricultural Limestone |
| 1320 | 907-225-C001 | | 20 | Ton | Mulch, Vegetative Mulch |
| 1330 | 907-226-A001 | | 10 | Acre | Temporary Grassing |
| 1340 | 907-234-D001 | | 6 | Each | Inlet Siltation Guard |
| 1350 | 907-234-E001 | | 6 | Each | Reset Inlet Siltation Guard |

| Line No. | Item Code | Adj Code | Quantity | Units | Description [Fixed Unit Price] |
|---|---|---|---|---|---|
| 1360 | 907-237-A003 | | 1,775 | Linear Feet | Wattles, 20" |
| 1370 | 907-246-A001 | | 450 | Linear Feet | Sandbags |
| 1380 | 907-246-B001 | | 450 | Linear Feet | Rockbags |
| 1390 | 907-247-A001 | | 4 | Each | Temporary Stream Diversion |
| 1400 | 907-249-A001 | | 288 | Ton | Riprap for Erosion Control |
| 1410 | 907-304-B009 | (GT ) | 6,041 | Ton | Granular Material, Class 3, Group D |
| 1420 | 907-407-A001 | (A2 ) | 2,705 | Gallon | Asphalt for Tack Coat |
| 1430 | 907-601-A001 | (S ) | 455 | Cubic Yard | Class "B" Structural Concrete |
| 1440 | 907-601-B003 | (S ) | 115 | Cubic Yard | Class "B" Structural Concrete, Minor Structures |
| 1450 | 907-603-ALT01 | (S ) | 138 | Linear Feet | 18" Type A Alternate Pipe |
| 1460 | 907-603-ALT02 | (S ) | 260 | Linear Feet | 24" Type A Alternate Pipe |
| 1470 | 907-604-PP003 | | 1 | Each | Modify Existing Inlet, Per Plans |
| 1480 | 907-611-PP003 | (S ) | 208 | Square Feet | Detectable Warning, Per Plans |
| 1490 | 907-617-A001 | | 33 | Each | Right-of-Way Marker |
| 1500 | 907-619-E3001 | | 6 | Each | Changeable Message Sign |
| 1510 | 907-619-J3001 | | 2 | Each | Remove and Reset Impact Attenuator |
| 1520 | 907-626-A004 | | 4,389 | Linear Feet | 6" Thermoplastic Traffic Stripe, Skip White |
| 1530 | 907-626-B003 | | 1,236 | Linear Feet | 6" Thermoplastic Traffic Stripe, Continuous White |
| 1540 | 907-626-C008 | | 6,336 | Linear Feet | 6" Thermoplastic Edge Stripe, Continuous White |
| 1550 | 907-626-E003 | | 3,193 | Linear Feet | 6" Thermoplastic Traffic Stripe, Continuous Yellow |
| 1560 | 907-626-F008 | | 4,652 | Linear Feet | 6" Thermoplastic Edge Stripe, Continuous Yellow |
| 1570 | 907-626-G004 | | 8,016 | Linear Feet | Thermoplastic Detail Stripe, White |
| 1580 | 907-626-G005 | | 3,395 | Linear Feet | Thermoplastic Detail Stripe, Yellow |
| 1590 | 907-626-H004 | | 2,251 | Linear Feet | Thermoplastic Legend, White |
| 1600 | 907-626-H005 | | 1,963 | Square Feet | Thermoplastic Legend, White |
| 1610 | 907-631-B001 | | 18 | Cubic Yard | Flowable Fill, Non-Excavatable |
| 1620 | 907-682-E001 | | 8 | Each | Underground Junction Box With Concrete Pad |
| 1630 | 907-683-H1027 | | 8 | Each | Repair of Low Mast Lighting Assembly, Type 30-1-15-400 |
| 1640 | 907-684-PP002 | | 18 | Each | Pole Foundation, Auger Base |
| 1650 | 907-699-A002 | | 1 | Lump Sum | Roadway Construction Stakes |
| | | | | | **ALTERNATE GROUP AA NUMBER 1** |
| 1660 | 907-304-F003 | (GT ) | 7,654 | Ton | 3/4" and Down Crushed Stone Base |
| | | | | | **ALTERNATE GROUP AA NUMBER 2** |
| 1670 | 907-304-F004 | (GT ) | 7,654 | Ton | Size 825B Crushed Stone Base |
| | | | | | **ALTERNATE GROUP AA NUMBER 3** |

| Line No. | Item Code | Adj Code | Quantity | Units | Description [Fixed Unit Price] |
|---|---|---|---|---|---|
| 1680 | 907-304-F002 | (GT ) | 7,654 | Ton | Size 610 Crushed Stone Base |
| | | | | **ALTERNATE GROUP BB NUMBER 1** | |
| 1690 | 907-403-A006 | (BA1 ) | 3,016 | Ton | Hot Mix Asphalt, MT, 12.5-mm mixture |
| | | | | **ALTERNATE GROUP BB NUMBER 2** | |
| 1700 | 907-403-M002 | (BA1 ) | 3,016 | Ton | Warm Mix Asphalt, MT, 12.5-mm mixture |
| | | | | **ALTERNATE GROUP CC NUMBER 1** | |
| 1710 | 907-403-A007 | (BA1 ) | 3,348 | Ton | Hot Mix Asphalt, MT, 19-mm mixture |
| | | | | **ALTERNATE GROUP CC NUMBER 2** | |
| 1720 | 907-403-M007 | (BA1 ) | 3,348 | Ton | Warm Mix Asphalt, MT, 19-mm mixture |
| | | | | **ALTERNATE GROUP DD NUMBER 1** | |
| 1730 | 907-403-A010 | (BA1 ) | 2,729 | Ton | Hot Mix Asphalt, MT, 9.5-mm mixture |
| | | | | **ALTERNATE GROUP DD NUMBER 2** | |
| 1740 | 907-403-M006 | (BA1 ) | 2,729 | Ton | Warm Mix Asphalt, MT, 9.5-mm mixture |
| | | | | **ALTERNATE GROUP EE NUMBER 1** | |
| 1750 | 907-626-I003 | | 480 | Linear Feet | 6" Inverted Profile Thermoplastic Traffic Stripe, Skip White |
| 1760 | 907-626-J003 | | 464 | Linear Feet | 6" Inverted Profile Thermoplastic Traffic Stripe, Continuous White |
| 1770 | 907-626-L001 | | 464 | Linear Feet | 6" Inverted Profile Thermoplastic Traffic Stripe, Continuous Yellow |
| | | | | **ALTERNATE GROUP EE NUMBER 2** | |
| 1780 | 628-I002 | | 480 | Linear Feet | 6" High Performance Cold Plastic Traffic Stripe, Skip White |
| 1790 | 628-J002 | | 464 | Linear Feet | 6" High Performance Cold Plastic Traffic Stripe, Continuous White |
| 1800 | 628-M002 | | 464 | Linear Feet | 6" High Performance Cold Plastic Traffic Stripe, Continuous Yellow |
| | | | | | **Bridge Items** |
| 1810 | 202-B287 | | 460 | Linear Feet | Removal of Bridge Deck, Curb and Railing |
| 1820 | 803-B002 | (S ) | 1 | Each | Conventional Static Pile Load Test [$5,000.00] |
| 1830 | 803-D002 | (S ) | 2,275 | Linear Feet | HP 12 x 53 Steel Piling |
| 1840 | 803-I001 | (S ) | 2 | Each | PDA Test Pile |
| 1850 | 803-J001 | (S ) | 2 | Each | Pile Restrike |
| 1860 | 805-A001 | (S ) | 96,087 | Pounds | Reinforcement |
| 1870 | 813-A002 | (S ) | 464 | Linear Feet | Concrete Railing, 32" |
| 1880 | 813-B001 | (S ) | 265 | Linear Feet | Concrete-Steel Railing |
| 1890 | 815-D001 | (S ) | 125 | Cubic Yard | Concrete Slope Paving |
| 1900 | 907-804-A001 | (S ) | 462 | Cubic Yard | Bridge Concrete, Class AA |
| 1910 | 907-804-C002 | (S ) | 474 | Linear Feet | 60' Prestressed Concrete Beam, Type III |
| 1920 | 907-804-C262 | (S ) | 434 | Linear Feet | 55' Prestressed Concrete Beam, Type III |
| 1930 | 907-824-PP001 | | 1 | Lump Sum | Bridge Repair, Joint Repair, Per Plans |

| Line No. | Item Code | Adj Code | Quantity | Units | Description [Fixed Unit Price] |
|---|---|---|---|---|---|
| 1940 | 907-875-PP001 | (S ) | 2 | Each | Bridge Name Plate |

ADDENDUM

| STATE | PROJECT NO. |
|---|---|
| MISS. | STP-0070-04(018) |

| DESCRIPTION OF SHEET | WK. NO. | SH. NO. |
|---|---|---|
| **TITLE SHEET (1)** | | |
| | | 1 |
| **DETAIL INDEX & GENERAL NOTES (4)** | | |
| DETAILED INDEX | DI-1 | 2 |
| DETAILED INDEX | DI-2 | 3 |
| DETAILED INDEX | DI-3 | 4 |
| GENERAL NOTES (ROADWAY) | GN-1 | 5 |
| **TYPICAL SECTIONS (14)** | | |
| TYPICAL SECTION - OLD TAYLOR ROAD SECTION CUTS | TS-1 | 6 |
| TYPICAL SECTION - OLD TAYLOR ROAD SECTION CUTS | TS-2 | 7 |
| TYPICAL SECTION - SECTION A-A THRU C-C, OLD TAYLOR ROAD | TS-3 | 8 |
| TYPICAL SECTION - SECTION D-D THRU F-F, OLD TAYLOR ROAD | TS-4 | 9 |
| TYPICAL SECTION - SECTION G-G THRU I-I, OLD TAYLOR ROAD | TS-5 | 10 |
| TYPICAL SECTION - SECTION J-J THRU K-K, OLD TAYLOR ROAD | TS-6 | 11 |
| TYPICAL SECTION - SOUTHEAST RAMP, STA. 235+73 TO STA. 239+75 | TS-7 | 12 |
| TYPICAL SECTION - SOUTHWEST & NORTHEAST RAMP | TS-8 | 13 |
| TYPICAL SECTION - NORTHWEST RAMP, STA. 231+50 TO STA. 234+52 | TS-9 | 14 |
| TYPICAL SECTION - SOUTHWEST & NORTHEAST RAMP, MILL AND OVERLAY | TS-10 | 15 |
| TYPICAL SECTION - FRONTAGE ROAD, STA. 35+29 TO STA. 40+59 | TS-11 | 16 |
| TYPICAL SECTION - ACCESS RAMPS TO PARKING AREA | TS-12 | 17 |
| TYPICAL SECTION - EXISTING MS HWY NO. 6 RETAINING WALL AT SW RAMP | TS-13 | 18 |
| TYPICAL SECTION - DETOUR WHIRLPOOL | DET-TYP | 19 |
| **QUANTITY SHEETS (17)** | | |
| SUMMARY OF QUANTITIES | SQ-1 | 20 |
| SUMMARY OF QUANTITIES | SQ-2 | 21 |
| SUMMARY OF QUANTITIES | SQ-3 | 22 |
| SUMMARY OF QUANTITIES | SQ-4 | 23 |
| SUMMARY OF QUANTITIES | SQ-5 | 24 |
| ESTIMATED QUANTITIES - DRAINAGE STRUCTURES | EQ-1 | 25 |
| ESTIMATED QUANTITIES - DRAINAGE STRUCTURES | EQ-2 | 26 |
| ESTIMATED QUANTITIES - DRAINAGE STRUCTURES AND SIDE DRAINS | EQ-3 | 27 |
| ESTIMATED QUANTITIES - GUARDRAILS, DRIVEWAYS SIDEWALK & REMOVAL ITEMS | EQ-4 | 28 |
| ESTIMATED QUANTITIES - EARTHWORK, CURB & GUTTER, CONCRETE PAVEMENT & JUNCTION BOXES | EQ-5 | 29 |
| ESTIMATED QUANTITIES - EROSION CONTROL ITEMS, FENCING & BOX CULVERTS | EQ-6 | 30 |
| ESTIMATED QUANTITIES - TEMPORARY TRAFFIC CONTROL | EQ-7 | 31 |
| ESTIMATED QUANTITIES - TEMPORARY TRAFFIC CONTROL SIGNING | EQ-8 | 32 |
| ESTIMATED QUANTITIES - TEMPORARY SIGNING | EQ-9 | 33 |
| ESTIMATED QUANTITIES - PAVEMENT MARKINGS & LIGHTING | EQ-10 | 34 |
| ESTIMATED QUANTITIES - PERMANENT SIGNING | EQ-11 | 35 |
| ESTIMATED QUANTITIES - ROADSIDE SIGN ASSEMBLY, DIRECTIONAL SIGN ASSEMBLY & PERMANENT SIGNING | EQ-12 | 36 |
| **PLAN & PROFILE SHEETS (20)** | | |
| MAIN FACILITY - OLD TAYLOR ROAD, STA. 18+00 TO STA. 24+00 | 3 | 37 |
| MAIN FACILITY - OLD TAYLOR ROAD, STA. 24+00 TO STA. 30+00 | 4 | 38 |
| MAIN FACILITY - OLD TAYLOR ROAD, RETAINING WALL | 4A | 39 |
| SOUTHWEST RAMP, STA. 231+00 TO STA. 234+00 | 4B | 40 |
| SOUTHWEST RAMP, STA. 234+00 TO STA. 235+00 | 4C | 41 |
| SOUTHEAST RAMP, STA. 235+40 TO STA. 239+75 | 4D | 42 |
| STATE ROUTE 6 EXISTING, STA. 222+00 TO STA. 228+00 | 4E | 43 |
| STATE ROUTE 6 EXISTING, STA. 23+80 TO STA. 236+20 | 4F | 44 |
| STATE ROUTE 6 EXISTING, STA. 243+00 TO STA. 249+00 | 4G | 45 |
| MAIN FACILITY - OLD TAYLOR ROAD, STA. 30+00 TO STA. 36+00 | 5 | 46 |
| NORTHEAST RAMP, STA. 235+20 TO STA. 241+00 | 5A | 47 |
| NORTHEAST RAMP, STA. 241+00 TO STA. 243+40 | 5B | 48 |
| NORTHWEST RAMP, STA. 231+20 TO STA. 235+00 | 5C | 49 |
| ACCESS RAMP LT, STA. 9+60 TO STA. 11+20 | 5D | 50 |
| BOX EXTENSION | 5-DRN | 51 |
| MAIN FACILITY - OLD TAYLOR ROAD, STA. 36+00 TO STA. 42+00 | 6 | 52 |
| FRONTAGE ROAD, STA. 35+00 TO STA. 40+40 | 6A | 53 |
| ACCESS RAMP LT., STA. 10+00 TO STA. 11+20 | 6B | 54 |
| MAIN FACILITY - OLD TAYLOR ROAD, STA. 42+00 TO STA. 43+00 | 7 | 55 |
| DETOUR WHIRLPOOL | DET-PP | 56 |

| DESCRIPTION OF SHEET | WK. NO. | SH. NO. |
|---|---|---|
| **DETAILS OF CONSTRUCTION SIGNING & TRAFFIC CONTROL PLAN (32)** | | |
| DETAIL CONSTRUCTION SIGNING - OLD TAYLOR ROAD & HWY 6 | DCS-1 | 57 |
| DETOUR PLAN - OLD TAYLOR ROAD | DET-1 | 58 |
| DETOUR SIGNS - OLD TAYLOR ROAD | DET-2 | 59 |
| TRAFFIC CONTROL PLAN - NARRATIVE, PHASE 1 | TCNAR-1 | 60 |
| TRAFFIC CONTROL PLAN - OLD TAYLOR ROAD, PHASE 1 | TC-1 | 61 |
| TRAFFIC CONTROL PLAN - OLD TAYLOR ROAD, PHASE 1 | TC-2 | 62 |
| TRAFFIC CONTROL PLAN - OLD TAYLOR ROAD, PHASE 1 | TC-3 | 63 |
| TRAFFIC CONTROL PLAN - SOUTHWEST & NORTHWEST RAMPS, PHASE 1 | TC-4 | 64 |
| TRAFFIC CONTROL PLAN - SOUTHEAST & NORTHEAST RAMPS, PHASE 1 | TC-5 | 65 |
| TRAFFIC CONTROL PLAN - FRONTAGE ROAD, PHASE 1 | TC-6 | 66 |
| TRAFFIC CONTROL PLAN - NORTHEAST RAMP, PHASE 1 | TC-7 | 67 |
| TRAFFIC CONTROL PLAN - NORTHEAST RAMP, PHASE 1 | TC-8 | 68 |
| TRAFFIC CONTROL PLAN - SOUTHWEST & NORTHWEST RAMP, PHASE 1 | TC-9 | 69 |
| TRAFFIC CONTROL PLAN - WHIRLPOOL DETOUR, PHASE 1 | TC-10 | 70 |
| TRAFFIC CONTROL PLAN - WHIRLPOOL DETOUR, PHASE 1 | TC-11 | 71 |
| TRAFFIC CONTROL PLAN - WHIRLPOOL DETOUR, PHASE 1 | TC-12 | 72 |
| TRAFFIC CONTROL PLAN - NARRATIVE, PHASE 1A | TCNAR-1A | 73 |
| TRAFFIC CONTROL PLAN - OLD TAYLOR ROAD, PHASE 1A | TC-13 | 74 |
| TRAFFIC CONTROL PLAN - WHIRLPOOL DETOUR, PHASE 1A | TC-14 | 75 |
| TRAFFIC CONTROL PLAN - WHIRLPOOL DETOUR, PHASE 1A | TC-15 | 76 |
| TRAFFIC CONTROL PLAN - WHIRLPOOL DETOUR, PHASE 1A | TC-16 | 77 |
| TRAFFIC CONTROL PLAN - WHIRLPOOL DETOUR, PHASE 1A | TC-17 | 78 |
| TRAFFIC CONTROL PLAN - NARRATIVE, PHASE 2 | TCNAR-2 | 79 |
| TRAFFIC CONTROL PLAN - OLD TAYLOR ROAD, PHASE 2 | TC-18 | 80 |
| TRAFFIC CONTROL PLAN - OLD TAYLOR ROAD, PHASE 2 | TC-19 | 81 |
| TRAFFIC CONTROL PLAN - OLD TAYLOR ROAD, PHASE 2 | TC-20 | 82 |
| TRAFFIC CONTROL PLAN - OLD TAYLOR ROAD, PHASE 2 | TC-21 | 83 |
| TRAFFIC CONTROL PLAN - SOUTHEAST & NORTHEAST RAMPS, PHASE 2 | TC-22 | 84 |
| TRAFFIC CONTROL PLAN - NORTHEAST & SOUTHEAST RAMPS, PHASE 2 | TC-23 | 85 |
| TRAFFIC CONTROL PLAN - SOUTHWEST & NORTHWEST RAMPS, PHASE 2 | TC-24 | 86 |
| TRAFFIC CONTROL PLAN - SOUTHWEST RAMP & HWY 6 MILL & OVERLAY, PHASE 3 | TC-25 | 87 |
| TRAFFIC CONTROL PLAN - NORTHEAST RAMP & HWY 6 MILL & OVERLAY, PHASE 3 | TC-26 | 88 |
| **INTERSECTION DETAIL SHEETS (4)** | | |
| INTERSECTION DETAIL - OLD TAYLOR ROAD | ID-1 | 89 |
| INTERSECTION DETAIL - OLD TAYLOR ROAD | ID-2 | 90 |
| INTERSECTION DETAIL - OLD TAYLOR ROAD | ID-3 | 91 |
| INTERSECTION DETAIL - OLD TAYLOR ROAD | ID-4 | 92 |
| **FORM GRADES (9)** | | |
| FORM GRADES - OLD TAYLOR ROAD | FG-1 | 93 |
| FORM GRADES - OLD TAYLOR ROAD | FG-2 | 94 |
| FORM GRADES - SOUTHWEST & SOUTHEAST RAMPS | FG-3 | 95 |
| FORM GRADES - OLD TAYLOR ROAD | FG-4 | 96 |
| FORM GRADES - OLD TAYLOR ROAD | FG-5 | 97 |
| FORM GRADES - NORTHEAST & NORTHWEST RAMPS | FG-6 | 98 |
| FORM GRADES - OLD TAYLOR ROAD | FG-7 | 99 |
| FORM GRADES - OLD TAYLOR ROAD | FG-8 | 100 |
| FORM GRADES - OLD TAYLOR ROAD | FG-9 | 101 |

RAYMOND KYLE FITZPATRICK
LICENSED PROFESSIONAL ENGINEER
15139
STATE OF MISSISSIPPI
1-14-14

**NEEL-SCHAFFER**

| PS & E PLANS-DATE 11/13/13 | | |
|---|---|---|
| FMS CON. # 106296/301000 | | |
| REVISIONS | | |
| DATE | SHEET NO. | BY |
| 12-20-13 | 20, 21, 22, 23, 24, | SDS |
| | 25, 27, 28, 29, 30, | |
| | 34, 38, 41, 44, 61, | |
| | 103, 155, 179, 180, | |
| | 1001, 1002, 9010, | |
| | 9011 | |
| 01-14-14 | 23 | SDS |

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

# Detail Index

**Project No.: STP-0070-04(018)**
**County: Lafayette**

WORKING NUMBER: DI-1
SHEET NUMBER: 2

FILENAME: INDEX.DGN
DESIGN TEAM _____ CHECKED _____ DATE _____

ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION
PLAN

1/21/2014 10:22:38 INDEX.DGN

ADDENDUM

| STATE | PROJECT NO. |
|---|---|
| MISS. | STP-0070-04(018) |

# SUMMARY OF QUANTITIES (SHEET 4)

| PAY ITEM NO. | PAY ITEM | UNIT | PRELIMINARY | FINAL |
|---|---|---|---|---|
| | ******TRAFFIC CONTROL ITEMS****** | | | |
| | | | | |
| 619-A1004 | TEMPORARY TRAFFIC STRIPE, CONTINUOUS WHITE, PAINT | MI | 4 | |
| 619-A1007 | TEMPORARY TRAFFIC STRIPE, CONTINUOUS WHITE, TYPE 1 TAPE | LF | 2503 | |
| 619-A2004 | TEMPORARY TRAFFIC STRIPE, CONTINUOUS YELLOW, PAINT | MI | 4 | |
| 619-A2007 | TEMPORARY TRAFFIC STRIPE, CONTINUOUS YELLOW, TYPE 1 TAPE | LF | 2739 | |
| 619-A3007 | TEMPORARY TRAFFIC STRIPE, SKIP WHITE, PAINT | MI | 2 | |
| 619-A3004 | TEMPORARY TRAFFIC STRIPE, SKIP WHITE, TYPE 1 TAPE | LF | 480 | |
| 619-A5002 | TEMPORARY TRAFFIC STRIPE, DETAIL, PAINT | LF | 12614 | |
| 619-A5004 | TEMPORARY TRAFFIC STRIPE, DETAIL, TYPE 1 TAPE | LF | 406 | |
| 619-A6003 | TEMPORARY TRAFFIC STRIPE, LEGEND, PAINT | LF | 3433 | |
| 619-A6004 | TEMPORARY TRAFFIC STRIPE, LEGEND, PAINT | SF | 1329 | |
| 619-A6007 | TEMPORARY TRAFFIC STRIPE, LEGEND, TYPE 1 TAPE | LF | 166 | |
| | | | | |
| | | | | |
| 619-C6001 | RED-CLEAR REFLECTIVE HIGH PERFORMANCE RAISED MARKER | EA | 30 | |
| 619-D1001 | STANDARD ROADSIDE CONSTRUCTION SIGNS, LESS THAN 10 SQUARE FEET | SF | 317 | |
| 619-D2001 | STANDARD ROADSIDE CONSTRUCTION SIGNS, 10 SQUARE FEET OR MORE | SF | 927 | |
| 619-F1001 | CONCRETE MEDIAN BARRIER, PRECAST | LF | 2030 | |
| 619-F1005 | PORTABLE MEDIAN BARRIER, LESS THAN OR EQUAL TO 45 MPH | LF | 1400 | |
| 619-F2001 | REMOVE AND RESET CONCRETE MEDIAN BARRIER, PRECAST | LF | 320 | |
| 619-G4001 | BARRICADES, TYPE III, SINGLE FACED | LF | 12 | |
| 619-G4005 | BARRICADES, TYPE III, DOUBLE FACED | LF | 132 | |
| | | | | |
| 619-G5001 | FREE STANDING PLASTIC DRUMS | EA | 318 | |
| 619-J1002 | IMPACT ATTENUATOR, 50 MPH | UNIT | 5 | |
| 907-619-J3001 | REMOVE AND RESET IMPACT ATTENUATOR | EA | 2 | |
| 620-A001 | MOBILIZATION | LS | 100% | |
| 2 622-A002 | ENGINEER'S FIELD OFFICE BUILDING, TYPE 2 | EA | 1 2 | |
| | ******PAVEMENT MARKING ITEMS****** | | | |
| | | | | |
| 907-626-A004 | 6" THERMOPLASTIC TRAFFIC STRIPE, SKIP WHITE | LF | 4389 | |
| 907-626-C008 | 6" THERMOPLASTIC EDGE STRIPE, CONTINUOUS WHITE | LF | 6336 | |
| 907-626-B003 | 6" THERMOPLASTIC TRAFFIC STRIPE, CONTINUOUS WHITE | LF | 1236 | |
| 907-626-E003 | 6" THERMOPLASTIC TRAFFIC STRIPE, CONTINUOUS YELLOW | LF | 3193 | |
| 907-626-F008 | 6" THERMOPLASTIC EDGE STRIPE, CONTINUOUS YELLOW | LF | 4652 | |
| 907-626-G004 | THERMOPLASTIC DETAIL STRIPE, WHITE | LF | 1 8016 | |
| 907-626-G005 | THERMOPLASTIC DETAIL STRIPE, YELLOW | LF | 3395 | |
| 907-626-H004 | THERMOPLASTIC LEGEND, WHITE | LF | 2251 | |
| 907-626-H005 | THERMOPLASTIC LEGEND, WHITE | SF | 1963 | |
| | | | | |
| | | | | |
| 627-K001 | RED-CLEAR REFLECTIVE HIGH PERFORMANCE RAISED MARKERS | EA | 1 527 | |
| 627-L001 | TWO-WAY YELLOW REFLECTIVE HIGH PERFORMANCE RAISED MARKERS | EA | 154 | |
| | | | | |
| 628-I002 | 6" HIGH PERFORMANCE COLD PLASTIC TRAFFIC STRIPE, SKIP WHITE | LF | 480 | |
| | OR | | | |
| 1 907-626-I003 | 6" INVERTED PROFILE THERMOPLASTIC TRAFFIC STRIPE, SKIP WHITE | LF | 480 | |
| | | | | |
| 628-M002 | 6" HIGH PERFORMANCE COLD PLASTIC TRAFFIC STRIPE, CONTINUOUS YELLOW | LF | 464 | |
| | OR | | | |
| 907-626-M002 | INVERTED PROFILE THERMOPLASTIC DETAIL TRAFFIC STRIPE, YELLOW | LF | 464 | |
| | | | | |
| 628-J002 | 6" HIGH PERFORMANCE COLD PLASTIC TRAFFIC STRIPE, CONTINUOUS WHITE | LF | 464 | |
| | OR | | | |
| 907-626-L001 | 6" INVERTED PROFILE THERMOPLASTIC TRAFFIC STRIPE, CONTINUOUS YELLOW | LF | 464 | |

PLAN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

7/21/2014 10:23:32 SQS.DGN

| BY | REVISION | DATE |
|---|---|---|
| SQS | ADDED PAY ITEM & QTY | 01-14-14 |
| SQS | REVISED PAY ITEMS & QTY'S | 12-20-13 |

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

**Summary of Quantities**

Roadway

*Project No.STP-0070-04(018):*
*County: Lafayette*

WORKING NUMBER SQ-4

FILENAME: SQS.DGN

DESIGN TEAM _____ CHECKED _____ DATE _____

SHEET NUMBER 23

**ADDENDUM**

| STATE | PROJECT NO. |
|---|---|
| MISS. | STP-0070-04(018) |

## BRIDGE PLANS

| DESCRIPTION OF SHEET | WKG. NO. | SH. NO. |
|---|---|---|
| UNDERPASS AT STATION 235+00<br>OLD TAYLOR ROAD OVER SR 6 | | |
| DETAILED INDEX (BRIDGE) | DI-BR | 8001 |
| SUMMARY OF QUANTITIES (BRIDGE) | SQ-BR | 8002 |
| ESTIMATED QUANTITIES (BRIDGE) | EQ-BR | 8003 |
| GENERAL NOTES | 1 | 8004 |
| ELEVATION | 2 | 8005 |
| FOUNDATION PLAN | 3 | 8006 |
| PHASED TYPICAL SECTIONS | 4 | 8007 |
| END BENT 1 DETAILS (PHASE I) | 5 | 8008 |
| END BENT 1 DETAILS (PHASE IA) | 6 | 8009 |
| END BENT 5 DETAILS (PHASE I) | 7 | 8010 |
| END BENT 5 DETAILS (PHASE IA) | 8 | 8011 |
| END BENT DETAILS | 9 | 8012 |
| JOINT REPAIR DETAILS | 10 | 8013 |
| INTERMEDIATE BENTS 2, 3 & 4 DETAILS | 11 | 8014 |
| INTERMEDIATE BENT DETAILS | 12 | 8015 |
| TYPICAL SPAN DETAILS (PHASE I) | 13 | 8016 |
| TYPICAL SPAN DETAILS (PHASE IA) | 14 | 8017 |
| TYPICAL SPAN DETAILS | 15 | 8018 |
| PLAN OF SPANS 1 & 4 | 16 | 8019 |
| PLAN OF SPANS 2 & 3 | 17 | 8020 |
| MISCELLANEOUS SPAN DETAILS | 18 | 8021 |
| RAILING DETAILS | 19 | 8022 |
| SPAN 2 RAIL LETTERING DETAILS | 20 | 8023 |
| SPAN 2 RAIL LETTERING DETAILS | 21 | 8024 |
| SPAN 2 RAIL LETTERING DETAILS | 22 | 8025 |
| PEDESTRIAN/BICYCLE RAILING DETAILS | 23 | 8026 |
| PEDESTRIAN/BICYCLE RAILING DETAILS | 24 | 8027 |
| PEDESTRIAN/BICYCLE RAILING DETAILS | 25 | 8028 |
| BEAM 55-1 DETAILS (AASHTO TYPE III) | 26 | 8029 |
| BEAM 60-1 DETAILS (AASHTO TYPE III) | 27 | 8030 |
| LIGHT BRACKET DETAILS | 28 | 8031 |
| GENERALIZED SOIL PROFILE | 29 | 8032 |

## INFORMATION PLANS

| DESCRIPTION OF SHEET | WKG. NO. | SH. NO. |
|---|---|---|
| EXISTING BRIDGE PLAN | 30 | 8033 |
| EXISTING BRIDGE PLAN | 31 | 8034 |
| EXISTING BRIDGE PLAN | 32 | 8035 |
| EXISTING BRIDGE PLAN | 33 | 8036 |
| EXISTING BRIDGE PLAN | 34 | 8037 |
| EXISTING BRIDGE PLAN | 35 | 8038 |
| EXISTING BRIDGE PLAN | 36 | 8039 |

BRIDGE DIVISION
REVISIONS

| | DATE | SHEET NO. | BY |
|---|---|---|---|
| 1 | 12-20-2013 | 8001-8006, 8014, 8015 & 8032 | BKC |
| 2 | 01-14-2014 | 8001 & 8004 | BKC |

NEEL-SCHAFFER
Solutions you can build upon

BARRY KEITH CARR
REGISTERED PROFESSIONAL ENGINEER
11705
STATE OF MISSISSIPPI

DATE: 01/14/14

| DATE | REVISIONS | BY |
|---|---|---|
| 12-20-13 | Replaced drilled shafts with footings | BKC |

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

UNDERPASS AT STATION 235+00
OLD TAYLOR ROAD OVER SR 6

DETAILED INDEX (BRIDGE)

PROJECT STP-0070-04(018)
106296/301000

LAFAYETTE COUNTY

DESIGNER B. Keith Carr, P.E. CHECKER Charles M. Coleman, P.E.
DETAILER Wesley Phillips, E.I. ISSUE DATE 10/7/2013
DIRECTOR OF STRUCTURES, STATE BRIDGE ENGINEER - NICK J. ALTOBELLI PE.
DEP. DIRECTOR OF STRUCTURES, ASSIST. STATE BRIDGE ENGINEER - JUSTIN WALKER PE.

WORKING NUMBER: DI-BR

SHEET NUMBER: 8001

FILE: N:\-JACKSON\06-Stru Projects\8389.004 Old Taylor Road\Final Drawings\8389-000.1-DI-BR.dgn
DATE: 1/14/2014TIME: 2:55:55 PM USER: WWP

# ADDENDUM

| STATE | PROJECT NO. |
|---|---|
| MISS. | STP-0070-04(018) |

## PILE NOTES:

PDA test piles shall be driven as permanent piles at the location shown in the PDA TEST PILE SCHEDULE 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.
PDA test piles shall be driven as a continuous operation, to the bearing capacity and the minimum ground penetration 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 MINIMUM PILE CAPACITY AND ESTIMATED LENGTH SCHEDULE.
When feasible, bearing piles shall be driven full length and be spliced, only, as approved by the Director of Structures, State Bridge Engineer.
When loading tests are required, the maximum test load shall be two and one half (2 1/2 ) times the minimum pile bearing capacity.
All piles shall be steel HP 12X53.
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 and 7 day restrike unless otherwise directed by the Engineer.
Final pile lengths and driving criteria shall be provided based on the results of the PDA test piles.

⚠

| PDA TEST PILE SCHEDULE | | |
|---|---|---|
| Bent No. | Min. Length Feet | Tip Elevation |
| 3 | 35 | 375.5000 |
| 5 | 60 | 373.4832 |

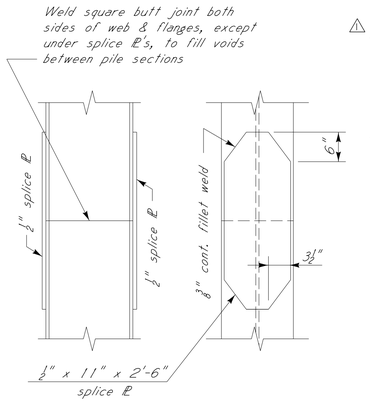
## NOTE:

PDA test pile results for all bents must be submitted to the Director of Structures, State Bridge Engineer before permanent pile lengths will be recommended.

⚠

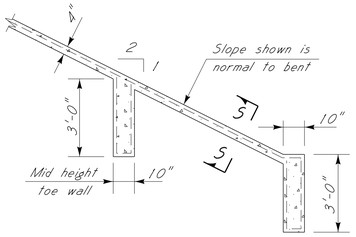
| MINIMUM PILE BEARING CAPACITY AND ESTIMATED LENGTH SCHEDULE | | | |
|---|---|---|---|
| Bent No. | Pile Size | Service Load Required Bearing (Tons) | Est. Length (ft) |
| 1 | HP12x53 | 30 | 50 |
| 2 | HP12x53 | 28 | ⚠ 25 |
| 3 | HP12x53 | 28 | ⚠ 25 |
| 4 | HP12x53 | 28 | ⚠ 25 |
| 5 | HP12x53 | 30 | 50 |

Estimated pile length is set using a FS=2.0




## PILE SPLICE DETAIL

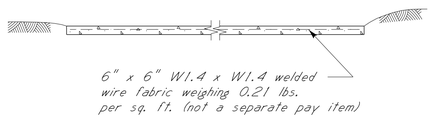
HP12x53 steel piles




TYPICAL SECTION

## NOTE:

See end bent details for bars extending from cap into slope paving, bend in field to fit slope.




SECTION 5-5

## SLOPE PAVING DETAILS

## TEMPORARY SHORING NOTE:

The use of temporary shoring during construction may be necessary at multiple locations and is not a separate pay item. These locations may include, but are not limited to, the new footings at bents 2, 3 & 4 and near the construction phase lines at each end bent.

Prior to construction, the Contractor shall submit three (3) sets of FOOTING AND TEMPORARY SHORING INSTALLATION PLANS through the Project Engineer for review by MDOT, including the Director of Structures, State Bridge Engineer. The submittal shall include location drawings of temporary shoring that will be used to construct the bridge, as well as, shoring drawings and design calculations. The design of temporary shoring shall be performed by a Professional Engineer registered in the State of Mississippi with knowledge and experience in the design of retaining and shoring systems. The shoring design calculations and drawings shall bear the stamp of the shoring design Professional Engineer.

## NOTE:

All dimensions, stationing and vertical grade data were determined from the existing bridge plans. The elevations shown in the existing bridge plans are approximately 2.65' lower than the elevations shown in the bridge widnening plans due to differences in datum and survey.
Prior to construction, all dimensions, stationing, vertical grade data and elevations of the existing structure shall be field verified. The Contractor shall be responsible for adjusting the elements of the new construction to ensure a proper fit with the existing structures.
Care shall be taken when removing the slab and railing, so as not to damage the existing transverse slab steel. Where reinforcement is damaged, broken or otherwise not serviceable, the reinforcement shall be spliced using a mechanical bar splice device at no additional cost to the Mississippi Department of Transportation. Mechanical bar splices (if used) shall be one of the products listed in the MECHANICAL SPLICE NOTES on dwg. no. 13.
All areas of existing concrete that will be in contact with new concrete shall be painted with epoxy binder designed to bond new concrete to old. Epoxy shall be applied according to Manufacturer's directions.
For EXISTING BRIDGE PLANS, see drawing Nos. 32 thru 38. Additional information on the existing bridge is available for inspection in the Bridge Design Division. The elevations shown in the existing bridge plans are approximately 2.65' lower than the elevations shown in the bridge widnening plans due to differences in datum and survey.

## NOTE:

Existing bridge joints shall be repaired during the road closure in roadway Phase II, see drawing nos. 10, 16 & 17 for details. For additional bridge construction phasing details, see dwg. no. 4.

## NOTE:

Concrete surfaces of the existing bridge shall receive a class 2 spray finish per the Specifications. Surfaces to be sprayed shall be cleaned by pressure washing. Prior to application of the spray finish, surfaces shall be free of moisture and in a condition consistent with the manufacturer's published recommendations. The spray finish color and texture of both the existing and the newly widened portion of the bridge shall be uniform.
Concrete surfaces of the remaining existing slope paving shall be cleaned by pressure washing.

## NOTE:

Light pole assemblies located on the bridge shall be steel and shall be painted with same paint system used on pedestrian rail. See paint notes on dwg. no. 25.

⚠

## GENERAL NOTES:

Specifications; Mississippi Standard Specifications for Road and Bridge Construction, 2004.
No change of plans will be permitted except by written authority of the Director of Structures, State Bridge Engineer. Minor changes in details of design or construction may be authorized in writing by the Director of Structures, State Bridge Engineer provided such changes are not justifiable reasons for contract price adjustments.
The final surface texture of the bridge deck shall match the existing bridge deck.
Finishing shall be in accordance with the Standard Specifications.
All bridge concrete shall be class "AA".
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 315-99).
Concrete surfaces shall receive a class 2 spray finish in accordance with the Specifications.
All reinforcing steel shall be A.S.T.M. A615 Grade 60, unless otherwise noted.
Shop drawings of prestressed beams, including an erection plan, shall be submitted in duplicate to the Director of Structures, State Bridge Engineer for approval prior to manufacture of beams.
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.
All work for which no pay items are provided in the proposal will not be paid for directly and compensation therefore will be considered included in the prices and payments for bid items.
The girder deflection diagrams shown in these plans were prepared and intended for design and estimation purposes only. Actual bridge girder deflections may differ from the deflection diagrams shown in these plans. It is the Contractor's responsibility to construct the bridge to meet the requirements of the plans and Specifications including, but not limited to, the requirements for bridge deck smoothness.
Prior to formwork construction, the Contractor shall submit three (3) copies of a proposed BRIDGE SUPERSTRUCTURE CONSTRUCTION PLAN to the Director of Structures, State Bridge Engineer for review, through the Project Engineer. This submittal shall include all calculations, assumptions and parameters used by the Contractor to determine bridge girder deflections and form grade elevations. This submittal shall also include an erection and construction procedure that addresses the construction means and methodologies used by the Contractor and shall consider effects including, but not limited to, construction phasing, pouring schedules, applied permanent and construction loading, and shall include calculations and details of temporary girder bracing systems used to ensure girder stability and to counter the effects of girder tilt. Should the Contractor elect to utilize a slab closure pour between phases, it shall be provided at no additional cost to the State.
After girder erection and prior to construction, the Contractor shall submit deck thickness verification calculations for each girder. These calculations shall include a comparison of the erected girder top flange profiles versus the plan deck grade elevations over each girder plus the anticipated girder deflection due to applied permanent dead load and creep. Three (3) copies of the deck thickness verification calculations and any proposed remediation measures to correct for thin deck areas shall be submitted to the Director of Structures, State Bridge Engineer for review, through the Project Engineer. The BRIDGE SUPERSTRUCTURE CONSTRUCTION PLAN and the deck thickness verification calculations shall be prepared and stamped by a Mississippi Registered Professional Engineer.

## ⚠ SPECIAL PROVISIONS REQUIRED

Concrete Bridges And Structures . . . no. 907-804

## DESIGN DATA:

Specifications . . . . . A.A.S.H.T.O., 17th edition, 2002.
Loading . . . . . H520-44
Roadway Width . . . . . 52'-0" (gutter to gutter) + 8'-0" sidewalk
Concrete . . . . . Class "AA" (4000 psi)
Reinforcing . . . . . A.S.T.M. A615 Grade 60 (Fy=60 ksi)
& A.S.T.M. A706 Grade 60 (weldable grade)

## ESTIMATED QUANTITIES ⚠

| Item / Location | Removal Of Bridge Deck, Curb and Railing L.F. | Conventional Static Pile Load Test Ea. | HP 12 x 53 Steel Piling L.F. | PDA Test Pile Ea. | Pile Restrike Ea. | Bridge Concrete Class "AA" C.Y. | 55 Ft. Prestressed Concrete Beam Type III L.F. | 60 Ft. Prestressed Concrete Beam Type III L.F. | Reinforcement Lbs. | Concrete Railing, 32" L.F. | Concrete-Steel Railing L.F. | Concrete Slope Paving C.Y. | Bridge Repair, Joint Repair, Per Plans L.S. | Bridge Name Plate E.A. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Spans | 460.0 | | | | | 270.73 | 434.00 | 474.00 | 65,252 | 459.33 | 229.67 | 125.0 | 1 | |
| End Bents | | 1 | 950.0 | 1 | 1 | 50.35 | | | 7746 | 4.33 | 34.91 | | | 2 |
| Int. Bents | | | ⚠ 1325.0 | ⚠ 1 | ⚠ 1 | ⚠ 140.71 | | | ⚠ 23,088 | | | | | |
| Totals | 460.0 | 1 | ⚠ 2275.0 | ⚠ 2 | ⚠ 2 | ⚠ 461.79 | 434.00 | 474.00 | ⚠ 96,087 | 463.67 | 264.58 | 125.0 | 1 | 2 |

NEEL-SCHAFFER
Solutions you can build upon

BARRY KEITH CARR 11705 REGISTERED PROFESSIONAL ENGINEER STATE OF MISSISSIPPI
DATE: 01/14/14

| BY | BKC | BKC |
|---|---|---|
| REVISIONS | Revised bents 2, 3 & 4 pile lengths | Replaced drilled shafts with footings |
| DATE | 01-14-14 | 12-20-13 |

MISSISSIPPI DEPARTMENT OF TRANSPORTATION
UNDERPASS AT STATION 235+00
OLD TAYLOR ROAD OVER SR 6

GENERAL NOTES

PROJECT STP-0070-04(018)
106296/301000

LAFAYETTE COUNTY

DESIGNER B. Keith Carr, P.E. CHECKER Charles M. Coleman, P.E.
DETAILER Wesley Phillips, E.I. ISSUE DATE 10/7/2013
DIRECTOR OF STRUCTURES, STATE BRIDGE ENGINEER - NICK J. ALTOBELLI PE.
DEP. DIRECTOR OF STRUCTURES, ASSIST. STATE BRIDGE ENGINEER - JUSTIN WALKER PE.

WORKING NUMBER 1 OF 36
SHEET NUMBER 8004

FILE: NS-JACKSON5 06-Stru Projects 8389.004 Old Taylor Road Final Drawings 8389-001-GENERAL NOTES.dgn
DATE: 1/14/2014TIME: 2:55:55 PM USER: MWP