

SECTION 905 -- PROPOSAL (CONTINUED)

I (We) hereby certify by execution 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. 1 DATED 1/21/2016 ADDENDUM NO. DATED
 ADDENDUM NO. DATED ADDENDUM NO. DATED

Number	Description
1	TOC; Add NTB No. 5958; Wage Rates; BidItems; Revised or Added Plan Sht. Nos. 2-5, 8, 11, 12, 14, 19, 99, 141-143, 6101, 8001-8004, 8006, 8083, 8086, & 8087; Amendment EBS 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.

Revised 07/2015

NH-0010-01(136) / 101204303

Jackson County(ies)

**MISSISSIPPI DEPARTMENT OF TRANSPORTATION
TABLE OF CONTENTS**

PROJECT: NH-0010-01(136)/101204303 - Jackson

Section 901 - Advertisement

Section 904 - Notice to Bidders

#1	Governing Specifications
#151	Gopher Tortoises
#342	Open Burning - Restriction On Ozone Action Days
#640	Fiber Reinforced Concrete
#927	Use of Fly Ash in Stone Matrix Asphalt (SMA)
#1322	Non-Use of Precast Drainage Units
#1405	Errata & Modifications to 2004 Standard Specifications
#1928	Federal Bridge Formula
#2382	Status of ROW, w/ Attachments
#2418	Clearing and/or Grubbing
#2818	Non-Quality Control / Quality Assurance Concrete
#3131	Temporary Traffic Paint
#3581	Storm Water Discharge Associated with Construction Activity (> 5 Acres)
#3612	Additional Erosion Control Requirements
#3893	Petroleum Products Base Price
#4084	Stay-In-Place Metal Forms
#4214	Safety Apparel
#4473	Alternate Crushed Stone Base Bid Items
#4526	Electronic Addendum Process
#4565	Manual on Uniform Traffic Control Devices (MUTCD)
#5044	Questions Regarding Bidding
#5053	Contractor Correspondence
#5193	Temporary Steel Bracing
#5194	Intermediate Diaphragms
#5252	Terminal End Sections
#5266	Disadvantaged Business Enterprise, w/ Supplement
#5405	Traffic Control Devices
#5412	Weight Limits
#5556	DUNS Requirement for Federal Funded Projects
#5824	Adjustments for Bituminous Materials
#5840	Contract Time
#5841	Specialty Items
#5842	Placement of Fill Material in Federally Regulated Areas
#5843	A + B Bidding
#5844	Liquidated Damages
#5865	Non-Quality Control / Quality Assurance Concre
#5866	Payroll Requirements
#5896	DBE Forms, Participation and Payment
#5954	Maintenance of Traffic
#5955	Lane Closure Restrictions

PROJECT: NH-0010-01(136)/101204303 - Jackson

#5956	Portable Construction Lighting
#5957	Cooperation Between Contractors
#5958	Plan Corrections
906	Required Federal Contract Provisions -- FHWA 1273, w/Supplements
Section 907 - Special Provisions	
907-101-4	Definitions
907-102-12	Bidding Requirements and Conditions
907-103-11	Award and Execution
907-104-5	Scope of Work
907-104-6	Partnering Process
907-105-8	Control of Work
907-107-13	Legal Relations and Responsibility to Public, w/Supplement
907-107-14	Contractor's Protection Plan, w/ Supplement
907-108-37	Prosecution and Progress, w/ Supplement
907-109-8	Measurement and Payment
907-110-2	Wage Rates
907-216-1	Solid Sodding
907-225-4	Grassing
907-226-3	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
907-249-1	Riprap for Erosion Control
907-304-13	Granular Courses
907-401-5	Stone Matrix Asphalt (SMA), w/ Supplement
907-401-7	Asphalt Pavements
907-402-6	Open Graded Friction Course, w/ Supplement
907-403-13	Stone Matrix Asphalt (SMA), w/ Supplement
907-403-14	Asphalt Pavements
907-406-4	Cold Milling
907-407-2	Tack Coat
907-601-1	Structural Concrete
907-618-9	Placement of Temporary Traffic Stripe
907-618-13	Temporary Construction Signs
907-619-5	Changeable Message Signs
907-626-25	Thermoplastic Traffic Markings
907-630-13	Sign Supports
907-680-1	Portable Construction Lighting
907-699-5	Construction Stakes
907-701-5	Hydraulic Cement, w/ Supplement
907-702-5	Specifications for Bituminous Materials
907-703-12	Aggregates, w/ Supplement
907-707-5	Joint Material
907-708-6	Non-Metal Drainage Structures

PROJECT: NH-0010-01(136)/101204303 - Jackson

907-710-1 Fast Dry Solvent Traffic Paint
907-711-4 Synthetic Structural Fiber Reinforcement
907-713-5 Admixtures for Concrete
907-714-3 Stabilizing Fibers
907-714-8 Miscellaneous Materials
907-715-4 Roadside Development Materials
907-720-2 Pavement Marking Materials
907-803-5 Deep Foundations
907-804-19 Concrete Bridges and Structures

906-7 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 DUNS Number

Section 902 - Contract Form

Section 903 - Contract Bond Forms

Form -- OCR-485

Pile Data Form

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

01/21/2016 03:33 PM

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904 - NOTICE TO BIDDERS NO. 5958

CODE: (SP)

DATE: 1/21/2016

SUBJECT: Plan Corrections

PROJECT: NH-0010-01(136) / 101204303 - Jackson County.

Bidders are advised of the following changes regarding pay items:

The Summary of Quantities sheets in the Plans reference pay item 803-I001, PDA Test Pile with quantity of 10 Each. The quantity is in error. The correct name and quantity for PDA Test Pile, Concrete Pile is **12 Each**. The bid items have been corrected to reflect this change.

The Summary of Quantities sheets in the Plans reference pay item 803-J001, Pile Restrike with quantity of 10 Each. The quantity is in error. The correct quantity for Pile Restrike is **12 Each**. The bid items have been corrected to reflect this change.

The Summary of Quantities sheets in the Plans does not reference a pay item for 619-G5001, Free Standing Plastic Drums. The pay item for 619-G5001, Free Standing Plastic Drums with quantity of **250 Each** has been added to the bid items to be used as directed by the Engineer.

General Decision Number: MS160239 01/08/2016 MS239

Superseded General Decision Number: MS20150239

State: Mississippi

Construction Type: Highway

County: Jackson County in Mississippi.

HIGHWAY CONSTRUCTION PROJECTS

Note: Under Executive Order (EO) 13658, an hourly minimum wage of \$10.15 for calendar year 2016 applies to all contracts subject to the Davis-Bacon Act for which the solicitation was issued on or after January 1, 2015. If this contract is covered by the EO, the contractor must pay all workers in any classification listed on this wage determination at least \$10.15 (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract in calendar year 2016. The EO minimum wage rate will be adjusted annually. Additional information on contractor requirements and worker protections under the EO is available at www.dol.gov/whd/govcontracts.

Modification Number Publication Date
0 01/08/2016

SUMS2010-058 08/04/2014

	Rates	Fringes
CARPENTER (Form Work Only).....	\$ 14.63	0.00
CEMENT MASON/CONCRETE FINISHER...	\$ 14.04	0.00
ELECTRICIAN.....	\$ 25.57	6.79
HIGHWAY/PARKING LOT STRIPING: Truck Driver (Line Striping Truck).....	\$ 14.75	0.00
INSTALLER - SIGN.....	\$ 12.75	0.00
INSTALLER: Guardrail.....	\$ 11.81	0.00
IRONWORKER, REINFORCING.....	\$ 15.50	0.00
LABORER: Asphalt, Includes Raker, Shoveler, Spreader and Distributor.....	\$ 11.25	0.00
LABORER: Common or General.....	\$ 10.90	0.00
LABORER: Flagger.....	\$ 11.42	0.00
LABORER: Grade Checker.....	\$ 16.13	0.00

LABORER: Landscape.....	\$ 11.23	0.00
LABORER: Luteman.....	\$ 12.88	0.00
LABORER: Mason Tender - Cement/Concrete.....	\$ 12.70	0.00
LABORER: Pipelayer.....	\$ 14.88	0.00
LABORER: Laborer-Cones/ Barricades/Barrels - Setter/Mover/Sweeper.....	\$ 13.19	0.00
OPERATOR: Asphalt Spreader.....	\$ 14.71	0.00
OPERATOR: Backhoe/Excavator/Trackhoe.....	\$ 15.88	0.00
OPERATOR: Bobcat/Skid Steer/Skid Loader.....	\$ 11.86	0.00
OPERATOR: Broom/Sweeper.....	\$ 13.62	0.00
OPERATOR: Bulldozer.....	\$ 15.94	0.00
OPERATOR: Concrete Saw.....	\$ 15.50	0.00
OPERATOR: Crane.....	\$ 15.89	0.00
OPERATOR: Distributor.....	\$ 14.47	0.00
OPERATOR: Grader/Blade.....	\$ 16.95	0.00
OPERATOR: Loader.....	\$ 15.99	0.00
OPERATOR: Mechanic.....	\$ 18.44	0.00
OPERATOR: Milling Machine.....	\$ 16.04	0.00
OPERATOR: Oiler.....	\$ 12.22	0.00
OPERATOR: Paver (Asphalt, Aggregate, and Concrete).....	\$ 13.60	0.00
OPERATOR: Roller (All Types)....	\$ 14.32	0.00
OPERATOR: Scraper.....	\$ 14.00	0.00
OPERATOR: Tractor.....	\$ 13.88	0.00
TRUCK DRIVER: Flatbed Truck.....	\$ 14.72	0.00
TRUCK DRIVER: Lowboy Truck.....	\$ 13.01	0.00
TRUCK DRIVER: Mechanic.....	\$ 12.31	0.00
TRUCK DRIVER: Water Truck.....	\$ 17.08	0.00
TRUCK DRIVER: Dump Truck (All Types).....	\$ 13.68	0.00

TRUCK DRIVER: Semi/Trailer		
Truck.....	\$ 14.36	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 a union rate (current union negotiated rate for local), a survey rate (weighted average rate) or a union average rate (weighted union average rate).

Union Rate Identifiers

A four letter classification abbreviation identifier enclosed in dotted lines beginning with characters other than "SU" or "UAVG" denotes that the union classification and rate were prevailing for that classification in the survey. Example: PLUM0198-005 07/01/2014. PLUM is an abbreviation identifier of the union which prevailed in the survey for this classification, which in this example would be Plumbers. 0198 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. 07/01/2014 is the effective date of the most current negotiated rate, which in this example is July 1, 2014.

Union prevailing wage rates are updated to reflect all rate changes in the collective bargaining agreement (CBA) governing this classification and rate.

Survey Rate Identifiers

Classifications listed under the "SU" identifier indicate that no one rate prevailed for this classification in the survey and the published rate is derived by computing a weighted average rate based on all the rates reported in the survey for that classification. As this weighted average rate includes all rates reported in the survey, it may include both union and non-union rates. Example: SULA2012-007 5/13/2014. SU indicates the rates are survey rates based on a weighted average calculation of rates and are not majority rates. LA indicates

the State of Louisiana. 2012 is the year of survey on which these classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. 5/13/2014 indicates the survey completion date for the classifications and rates under that identifier.

Survey wage rates are not updated and remain in effect until a new survey is conducted.

Union Average Rate Identifiers

Classification(s) listed under the UAVG identifier indicate that no single majority rate prevailed for those classifications; however, 100% of the data reported for the classifications was union data. EXAMPLE: UAVG-OH-0010 08/29/2014. UAVG indicates that the rate is a weighted union average rate. OH indicates the state. The next number, 0010 in the example, is an internal number used in producing the wage determination. 08/29/2014 indicates the survey completion date for the classifications and rates under that identifier.

A UAVG rate will be updated once a year, usually in January of each year, to reflect a weighted average of the current negotiated/CBA rate of the union locals from which the rate is based.

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

□

Construction Necessary to Widen I-10 from SR 609 to SR 57, known as Federal Aid Project No. NH-0010-01(136) / 101204303 in Jackson County.

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
Roadway Items					
0010	201-A001		1	Lump Sum	Clearing and Grubbing
0015	202-A001		1	Lump Sum	Removal of Obstructions
0020	202-B038		400	Linear Feet	Removal of Curb, All Types
0030	202-B042		33	Each	Removal of Flared End Section, All Sizes
0040	202-B076		164,000	Linear Feet	Removal of Traffic Stripe
0045	202-B081		388	Square Yard	Removal of Continuously Reinforced Concrete Pavement, 8-inch Dep
0050	202-B087		2,840	Linear Feet	Removal of Guard Rail, Including Rails, Posts and Terminal Ends
0060	202-B107		65	Each	Removal of Sign, Ground Mounted with Posts
0070	203-A003	(E)	36,743	Cubic Yard	Unclassified Excavation, FM, AH
0080	203-EX038	(E)	97,971	Cubic Yard	Borrow Excavation, AH, FME, Class B7-6
0090	206-A001	(S)	222	Cubic Yard	Structure Excavation
0100	206-B001	(E)	29	Cubic Yard	Select Material for Undercuts, Contractor Furnished, FM
0105	209-A004		122,673	Square Yard	Geotextile Stabilization, Type V, Non-Woven
0110	211-A001		548,220	Square Yard	Topsoil for Slope Treatment, From Right-of-Way
0120	213-C001		57	Ton	Superphosphate
0125	217-A001		1,000	Square Yard	Ditch Liner
0130	219-A001		9	Thousand Gallon	Watering [\$20.00]
0140	220-A001		57	Acre	Insect Pest Control [\$30.00]
0150	221-A001	(S)	2	Cubic Yard	Portland Cement Concrete Paved Ditch
0160	223-A001		113	Acre	Mowing [\$50.00]
0170	234-A001		152,470	Linear Feet	Temporary Silt Fence
0180	235-A001		560	Bale	Temporary Erosion Checks
0200	423-A001		16	Mile	Rumble Strips, Ground In
0210	501-D001		228	Linear Feet	Expansion Joints, With Dowels
0220	501-E001		351	Linear Feet	Expansion Joints, Without Dowels
0230	502-A001	(C)	854	Square Yard	Reinforced Cement Concrete Bridge End Pavement
0232	503-C002		968	Linear Feet	Saw Cut, 3-inch
0234	503-C007		1,474	Linear Feet	Saw Cut, Full Depth
0236	503-D001		25	Cubic Yard	Concrete for Base Repair
0238	503-E002		253	Each	Tie Bars, No. 5 Deformed Drilled and Epoxied or Grouted
0240	602-A001	(S)	11,158	Pounds	Reinforcing Steel
0250	603-CA088	(S)	32	Linear Feet	18" Reinforced Concrete Pipe, Class III, Rubber Type Gaskets
0260	603-CA089	(S)	52	Linear Feet	24" Reinforced Concrete Pipe, Class III, Rubber Type Gaskets

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
0270	603-CA090	(S)	72	Linear Feet	30" Reinforced Concrete Pipe, Class III, Rubber Type Gaskets
0280	603-CA091	(S)	36	Linear Feet	36" Reinforced Concrete Pipe, Class III, Rubber Type Gaskets
0290	603-CA092	(S)	56	Linear Feet	42" Reinforced Concrete Pipe, Class III, Rubber Type Gaskets
0300	603-CA094	(S)	12	Linear Feet	54" Reinforced Concrete Pipe, Class III, Rubber Type Gaskets
0310	603-CB002	(S)	2	Each	24" Reinforced Concrete End Section
0320	603-CB003	(S)	8	Each	30" Reinforced Concrete End Section
0330	603-CB004	(S)	3	Each	36" Reinforced Concrete End Section
0340	603-CB005	(S)	5	Each	42" Reinforced Concrete End Section
0350	603-CB007	(S)	1	Each	54" Reinforced Concrete End Section
0360	603-CE003	(S)	24	Linear Feet	36" x 23" Concrete Arch Pipe, Class A III
0370	603-CE004	(S)	32	Linear Feet	44" x 27" Concrete Arch Pipe, Class A III
0380	603-CE005	(S)	32	Linear Feet	51" x 31" Concrete Arch Pipe, Class A III
0390	603-CE006	(S)	88	Linear Feet	58" x 36" Concrete Arch Pipe, Class A III
0400	603-CE008	(S)	20	Linear Feet	73" x 45" Concrete Arch Pipe, Class A III
0410	603-CF003	(S)	2	Each	36" x 23" Concrete Arch Pipe End Section
0420	603-CF005	(S)	2	Each	51" x 31" Concrete Arch Pipe End Section
0430	603-CF006	(S)	7	Each	58" x 36" Concrete Arch Pipe End Section
0440	603-CF008	(S)	2	Each	73" x 45" Concrete Arch Pipe End Section
0450	604-B001		500	Pounds	Gratings
0460	606-B005		2,475	Linear Feet	Guard Rail, Class A, Type 1, 'W' Beam
0470	606-C003		2	Each	Guard Rail, Cable Anchor, Type 1
0480	606-D012		12	Each	Guard Rail, Bridge End Section, Type I
0490	606-E001		12	Each	Guard Rail, Terminal End Section
0500	609-B001	(S)	400	Linear Feet	Concrete Curb, Header
0510	615-A002	(S)	220	Linear Feet	Concrete Type III Cast-in-Place Median Barrier
0520	619-A1002		62	Mile	Temporary Traffic Stripe, Continuous White
0530	619-A2002		62	Mile	Temporary Traffic Stripe, Continuous Yellow
0540	619-A3006		63	Mile	Temporary Traffic Stripe, Skip White
0550	619-A5001		17,608	Linear Feet	Temporary Traffic Stripe, Detail
0560	619-C6001		1,462	Each	Red-Clear Reflective High Performance Raised Marker
0570	619-D1001		139	Square Feet	Standard Roadside Construction Signs, Less than 10 Square Feet
0580	619-D2001		1,048	Square Feet	Standard Roadside Construction Signs, 10 Square Feet or More
0590	619-F1001		21,200	Linear Feet	Concrete Median Barrier, Precast

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
0600	619-F2001		63,600	Linear Feet	Remove and Reset Concrete Median Barrier, Precast
0610	619-F3003		42	Each	Delineators, Guard Rail, Yellow
0620	619-F3004		42	Each	Delineators, Guard Rail, White
0630	619-G4001		48	Linear Feet	Barricades, Type III, Single Faced
0635	619-G5001		250	Each	Free Standing Plastic Drums
0640	619-G7001		8	Each	Warning Lights, Type "B"
0650	619-J1003		4	Unit	Impact Attenuator, 60 MPH
0660	619-J2002		2	Unit	Impact Attenuator, 60 MPH, Replacement Package
0670	620-A001		1	Lump Sum	Mobilization
0680	627-K001		2,888	Each	Red-Clear Reflective High Performance Raised Markers
0690	629-A001		2	Each	Vehicular Impact Attenuator, 50 MPH
0700	630-A001		154	Square Feet	Standard Roadside Signs, Sheet Aluminum, 0.080" Thickness
0710	630-A002		540	Square Feet	Standard Roadside Signs, Sheet Aluminum, 0.125" Thickness
0720	630-B002		1,208	Square Feet	Interstate Directional Signs, Bolted Extruded Aluminum Panels, Over Mounted
0730	630-C003		488	Linear Feet	Steel U-Section Posts, 3.0 lb/ft
0740	630-E004		767	Pounds	Structural Steel Angles & Bars, 7/16" x 2 1/2" Flat Bar
0750	630-K001		28	Linear Feet	Welded & Seamless Steel Pipe Posts, 3"
0760	630-K003		506	Linear Feet	Welded & Seamless Steel Pipe Posts, 4"
0770	815-E001	(S)	1,627	Square Yard	Geotextile under Riprap
0780	907-216-A001		452	Square Yard	Solid Sodding
0790	907-225-A001		113	Acre	Grassing
0800	907-225-B001		339	Ton	Agricultural Limestone
0810	907-225-C001		226	Ton	Mulch, Vegetative Mulch
0820	907-226-A001		113	Acre	Temporary Grassing
0825	907-227-A001		113	Acre	Hydroseeding
0830	907-234-C002		874	Linear Feet	Super Silt Fence
0840	907-234-D001		2	Each	Inlet Siltation Guard
0850	907-237-A003		2,265	Linear Feet	Wattles, 20"
0860	907-245-A001		1,040	Linear Feet	Triangular Silt Dike
0870	907-246-A001		5,200	Linear Feet	Sandbags
0880	907-249-A001		1,179	Ton	Riprap for Erosion Control
0890	907-249-B001		125	Cubic Yard	Remove and Reset Riprap
0910	907-402-A004	(BA1)	19,278	Ton	Open Graded Friction Course, 9.5-mm Mixture

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
0920	907-402-B001	(A3)	20,500	Gallon	Bituminous Tack Coat
0930	907-403-A017	(BA1)	44	Ton	9.5-mm, ST, Asphalt Pavement
0940	907-403-A018	(BA1)	59	Ton	12.5-mm, ST, Asphalt Pavement
0950	907-403-A019	(BA1)	18,538	Ton	19-mm, ST, Asphalt Pavement
0960	907-403-A027	(BA1)	14,846	Ton	9.5-mm, HT, Asphalt Pavement
0970	907-403-A028	(BA1)	31,176	Ton	12.5-mm, HT, Asphalt Pavement
0980	907-403-A029	(BA1)	64,197	Ton	19-mm, HT, Asphalt Pavement
0990	907-403-AA001	(BA1)	29,076	Ton	Stone Matrix Asphalt, 9.5 mm Mixture
1000	907-403-AA002	(BA1)	38,767	Ton	Stone Matrix Asphalt, 12.5 mm Mixture
1010	907-403-S004		64	Mile	Joint Sealant
1020	907-406-B001		2,089	Square Yard	Cold Milling of Concrete Pavement, All Depths
1030	907-406-D001		139,805	Square Yard	Fine Milling of Bituminous Pavement, All Depths
1040	907-407-A001	(A2)	150,157	Gallon	Asphalt for Tack Coat
1045	907-503-A002	(C)	388	Square Yard	8" and Variable Continuously Reinforced Concrete Pavement, room
1050	907-601-A001	(S)	62	Cubic Yard	Class "B" Structural Concrete
1060	907-601-B003	(S)	33	Cubic Yard	Class "B" Structural Concrete, Minor Structures
1070	907-618-A001		1	Lump Sum	Maintenance of Traffic
1080	907-619-E3001		4	Each	Changeable Message Sign
1090	907-626-A003		31	Mile	6" Thermoplastic Traffic Stripe, Skip White
1100	907-626-B003		408	Linear Feet	6" Thermoplastic Traffic Stripe, Continuous White
1110	907-626-C003		16	Mile	6" Thermoplastic Double Drop Edge Stripe, Continuous White
1120	907-626-F003		16	Mile	6" Thermoplastic Double Drop Edge Stripe, Continuous Yellow
1130	907-626-G004		4,504	Linear Feet	Thermoplastic Detail Stripe, White
1140	907-626-G005		585	Linear Feet	Thermoplastic Detail Stripe, Yellow
1150	907-626-H005		115	Square Feet	Thermoplastic Legend, White
1160	907-630-I001		1	Lump Sum	Metal Overhead Sign Supports, Assembly No. 1, Contractor Designe
1170	907-630-I002		1	Lump Sum	Metal Overhead Sign Supports, Assembly No. 2, Contractor Designe
1180	907-699-A002		1	Lump Sum	Roadway Construction Stakes
1190	907-906001		1,040	Hours	Trainees [\$5.00]
ALTERNATE GROUP AA NUMBER 1					
1200	907-304-F002	(GT)	41,200	Ton	Size 610 Crushed Stone Base
ALTERNATE GROUP AA NUMBER 2					
1210	907-304-F003	(GT)	41,200	Ton	3/4" and Down Crushed Stone Base
ALTERNATE GROUP AA NUMBER 3					

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
1220	907-304-F004	(GT)	41,200	Ton	Size 825B Crushed Stone Base
Bridge Items					
1230	202-B036		308	Square Yard	Removal of Concrete Slope Paving
1240	202-B122		878	Square Yard	Removal of Bridge Deck, Curb and Railing
1250	202-B273		24	Each	Removal of Bridge Footing
1260	801-A001	(S)	247	Cubic Yard	Foundation Excavation for Bridges
1270	803-B002	(S)	3	Each	Conventional Static Pile Load Test [\$5,000.00]
1280	803-C002	(S)	9,110	Linear Feet	14" x 14" Prestressed Concrete Piling
1290	803-C003	(S)	1,980	Linear Feet	16" x 16" Prestressed Concrete Piling
1300	803-C004	(S)	1,870	Linear Feet	18" x 18" Prestressed Concrete Piling
1310	803-F009	(S)	715	Linear Feet	20" Pre-Formed Pile Hole
1320	803-I002	(S)	12	Each	PDA Test Pile, Concrete Pile
1330	803-J001	(S)	12	Each	Pile Restrike
1340	803-N001	(S)	240	Linear Feet	Exploration
1350	803-O008	(S)	360	Linear Feet	Temporary Casing, 48" Diameter
1360	805-A001	(S)	404,020	Pounds	Reinforcement
1370	813-A002	(S)	3,512	Linear Feet	Concrete Railing, 32"
1380	815-A009	(S)	2,622	Ton	Loose Riprap, Size 300
1390	815-D001	(S)	187	Cubic Yard	Concrete Slope Paving
1400	815-E001	(S)	5,874	Square Yard	Geotextile under Riprap
1410	907-803-K001	(S)	860	Linear Feet	Drilled Shaft, 48" Diameter
1420	907-803-M001	(S)	75	Linear Feet	Trial Shaft, 48" Diameter
1430	907-804-A018	(S)	775	Cubic Yard	Bridge Concrete, Substructure, Class AA
1435	907-804-A019	(S)	1,179	Cubic Yard	Bridge Concrete, Superstructure, Class AA
1440	907-804-C016	(S)	1,431	Linear Feet	40' Prestressed Concrete Beam, Type I+2
1450	907-804-C030	(S)	479	Linear Feet	80' Prestressed Concrete Beam, Type III
1460	907-804-C148	(S)	1,191	Linear Feet	75' Prestressed Concrete Beam, Type IV
1470	907-804-C150	(S)	874	Linear Feet	110' Prestressed Concrete Beam, Type IV
1480	907-804-C154	(S)	897	Linear Feet	75' Prestressed Concrete Beam, Type III
1490	907-804-C268	(S)	1,420	Linear Feet	89' Prestressed Concrete Beam, Type III
1500	907-824-PP093		1	Lump Sum	Bridge Repair, Joint Repair, Per Plans

ADDENDUM

STATE	PROJECT NO.
MISS.	NH-0010-01(136)

TITLE SHEET (1)		1	SPECIAL DESIGN SHEETS (87)▲		
DETAILED INDEX & GENERAL NOTES (3)			DETAILS OF TYPICAL DITCH TREATMENT	DT-1	57
DETAILED INDEX	DI-1	2	TYPICAL TEMPORARY EROSION/SEDIMENT CONTROL APPLICATIONS	ECD-1	58
DETAILED INDEX	DI-2	3	DETAILS OF SEDIMENT BARRIER APPLICATIONS	ECD-2	59
GENERAL NOTES	GN-1	4	DETAILS OF SILT FENCE INSTALLATION	ECD-3	60
			DITCH CHECK STRUCTURES, TYPICAL APPLICATIONS AND DETAILS	ECD-4	61
TYPICAL SECTION SHEETS (6)			TEMPORARY EROSION, SEDIMENT AND WATER POLLUTION CONTROL MEASURES, SILT FENCE AND HAY BALE DITCH CHECKS	ECD-5	62
TYPICAL SECTION - I-10 PHASE 1 & PHASE 3	TS-1	5	DETAILS OF EROSION CONTROL WATTLE DITCH CHECK	ECD-6	63
TYPICAL SECTION - I-10 PHASE 2 & PHASE 3 ADDITIONAL INSIDE LANE	TS-2	6	DETAILS OF EROSION CONTROL SILT DIKE DITCH CHECK	ECD-7	64
TYPICAL SECTION - I-10 & SR 57 INTERCHANGE RAMP	TS-3	7	ROCK DITCH CHECK	ECD-8	65
TYPICAL SECTION - SR 57	TS-4	8	ROCK DITCH CHECK WITH SUMP EXCAVATION	ECD-9	66
TYPICAL SECTION - PAVING DETAIL AT BRIDGE ENDS & RAMP	TS-5	9	INLET PROTECTION TYPICAL APPLICATIONS AND DETAILS	ECD-10	67
TYPICAL SECTION - I-10 & 57 WEST BOUND RAMP EXTENSION	TS-6	10	INLET PROTECTION DETAILS FOR COARSE AGGREGATE ON GRADES AND SAGS	ECD-11	68
			INLET PROTECTION DETAILS OF WATTLES	ECD-12	69
QUANTITY SHEETS (15)			INLET PROTECTION DETAILS FOR MANUFACTURED INLET PROTECTION DEVICE	ECD-13	70
SUMMARY OF QUANTITIES	SQ-1	11	INLET PROTECTION DETAILS OF SAND BAG	ECD-14	71
SUMMARY OF QUANTITIES	SQ-2	12	STABILIZED CONSTRUCTION ENTRANCE	ECD-15	72
SUMMARY OF QUANTITIES	SQ-3	13	TEMPORARY CULVERT STREAM CROSSING	ECD-16	73
SUMMARY OF QUANTITIES	SQ-4	14	TEMPORARY STREAM DIVERSION	ECD-17	74
SUMMARY OF QUANTITIES	SQ-5	15	TEMPORARY STREAM DIVERSION (BOX EXTENSIONS)	ECD-18	75
			FLOATING TURBIDITY CURTAIN	ECD-19	76
ESTIMATED QUANTITIES-REMOVAL ITEMS, BRIDGE END PAVEMENT, & GUARD RAIL	EQ-1	16	DETAILS OF EROSION CONTROL SANDBAG DITCH CHECK	ECD-20	77
ESTIMATED QUANTITIES-DRAINAGE STRUCTURES, & BOX CULVERTS	EQ-2	17		ECP-3 +o	
ESTIMATED QUANTITIES-PIPE CULVERTS	EQ-3	18	PRELIMINARY EROSION CONTROL DETAILS	ECP-17	78-93
ESTIMATED QUANTITIES-EARTHWORK & REMOVAL OF CONCRETE PAVEMENT▲	EQ-4	19			
ESTIMATED QUANTITIES-TRAFFIC CONTROL ITEMS	EQ-5	20	TYPICAL TEMPORARY EROSION CONTROL MEASURES (SLOPE DRAIN AND TYPE A SILT BASIN)	TEC-2	94
ESTIMATED QUANTITIES-PERMANENT PAVEMENT MARKINGS	EQ-6	21			
ESTIMATED QUANTITIES-TRAFFIC CONTROL SIGNS	EQ-7	22	EROSION CONTROL BLANKET	ECB-1	95
DIRECTIONAL SIGN QUANTITIES	DSQ-1	23			
STANDARD ROADSIDE SIGN QUANTITIES	SRS-1	24	TYPICAL TEMPORARY EROSION CONTROL MEASURES (TYPE "C1" SILT BASIN UPSTREAM OF ROADWAY PRIMARILY CAN BE USED DOWNSTREAM)	TEC-C1	96
STANDARD ROADSIDE SIGN QUANTITIES	SRS-2	25	TYPICAL TEMPORARY EROSION CONTROL MEASURES (TYPE "C2" SILT BASIN DOWNSTREAM OF ROADWAY WITH BAFFLE)	TEC-C2	97
PLAN & PROFILE SHEETS (31)					
MAIN FACILITY - STA. 235+00 (B.O.P.) TO STA. 245+00	WK3LT	26			
MAIN FACILITY - STA. 235+00 (B.O.P.) TO STA. 245+00	WK3RT	27	RUMBLE STRIP DETAIL FOR OGFC OR CONC ROADWAY WITH ASPH SHLD	RSD-1	98
MAIN FACILITY - STA. 245+00 TO STA. 275+00	WK4LT	28			
MAIN FACILITY - STA. 245+00 TO STA. 275+00	WK4RT	29	CONSTRUCTION SIGNING	CS-1	99
MAIN FACILITY - STA. 275+00 TO STA. 305+00	WK5LT	30			
MAIN FACILITY - STA. 275+00 TO STA. 305+00	WK5RT	31	TRAFFIC CONTROL - PHASE 1, TYPICAL SECTION DURING CONSTRUCTION	TC-1	100
MAIN FACILITY - STA. 305+00 TO STA. 335+00	WK6LT	32	TRAFFIC CONTROL - PHASE 2, I-10	TC-2	101
MAIN FACILITY - STA. 305+00 TO STA. 335+00	WK6RT	33	TRAFFIC CONTROL - PHASE 1, I-10	TC-3	102
MAIN FACILITY - STA. 335+00 TO STA. 365+00	WK7LT	34	TRAFFIC CONTROL - PHASE 1, I-10	TC-4	103
MAIN FACILITY - STA. 335+00 TO STA. 365+00	WK7RT	35	TRAFFIC CONTROL - PHASE 1, I-10	TC-5	104
MAIN FACILITY - STA. 365+00 TO STA. 390+00	WK8LT	36	TRAFFIC CONTROL - PHASE 1, I-10	TC-6	105
MAIN FACILITY - STA. 365+00 TO STA. 390+00	WK8RT	37	TRAFFIC CONTROL - PHASE 1, I-10	TC-7	106
MAIN FACILITY - STA. 390+00 TO STA. 420+00	WK9LT	38	TRAFFIC CONTROL - PHASE 2, I-10	TC-8	107
MAIN FACILITY - STA. 390+00 TO STA. 420+00	WK9RT	39	TRAFFIC CONTROL - PHASE 2, I-10	TC-9	108
MAIN FACILITY - STA. 420+00 TO STA. 450+00	WK10LT	40	TRAFFIC CONTROL - PHASE 2, I-10	TC-10	109
MAIN FACILITY - STA. 420+00 TO STA. 450+00	WK10RT	41	TRAFFIC CONTROL - PHASE 2, I-10	TC-11	110
MAIN FACILITY - STA. 450+00 TO STA. 480+00	WK11LT	42	TRAFFIC CONTROL - PHASE 2, I-10	TC-12	111
MAIN FACILITY - STA. 450+00 TO STA. 480+00	WK11RT	43	TRAFFIC CONTROL DETAILS OF DRUM PLACEMENT AND SHOULDER CLOSURE	TCP-SC	112
MAIN FACILITY - STA. 480+00 TO STA. 510+00	WK12LT	44	LOCATION OF R16-3 SIGNS	R16-3	113
MAIN FACILITY - STA. 480+00 TO STA. 510+00	WK12RT	45	TRAFFIC CONTROL PLAN FOR POSTED SPEED LIMIT OF 65 OR 70 MPH (INTERSTATES AND OTHER 4-LANE DIVIDED HIGHWAYS) (MEDIAN LANE OR OUTSIDE LANE CLOSURE) (EXTENDED PERIOD)	SDTCP-4	114
MAIN FACILITY - STA. 510+00 TO STA. 540+00	WK13LT	46			
MAIN FACILITY - STA. 510+00 TO STA. 540+00	WK13RT	47	SUPER SILT FENCE	SSF-1	115
MAIN FACILITY - STA. 540+00 TO STA. 570+00	WK14LT	48			
MAIN FACILITY - STA. 540+00 TO STA. 570+00	WK14RT	49			
MAIN FACILITY - STA. 570+00 TO STA. 600+00	WK15LT	50			
MAIN FACILITY - STA. 570+00 TO STA. 600+00	WK15RT	51			
S.R. 57 - STA. 30+00 TO STA. 40+00	WK15A	52			
MAIN FACILITY - STA. 600+00 TO STA. 630+00	WK16LT	53			
MAIN FACILITY - STA. 600+00 TO STA. 630+00	WK16RT	54			
MAIN FACILITY - STA. 630+00 TO STA. 645+00 (E.O.P.)	WK17LT	55			
MAIN FACILITY - STA. 630+00 TO STA. 645+00 (E.O.P.)	WK17RT	56			

A. GARNER RUSSELL & ASSOCIATES		
PS & E PLANS-DATE 9-14-15		
FMS CON. # 101204 303000		
REVISIONS		
DATE	SHEET NO.	BY
1/13/16	2, 3, 4, 5, 8, 11, 12, 14, 19, 99, 141-143, 6101	TWB

<table border="1"> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> </table>																	MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
DETAILED INDEX																		
PROJECT: NH-0010-01(136)																		
COUNTY: JACKSON																		
FILENAME: DINDEX.DGN																		
DESIGN TEAM	CHECKED	DATE																



WORKING NUMBER	DI-1
SHEET NUMBER	2

1/12/2016 1:31:23:54 DINDEX.DGN

ADDENDUM

STATE	PROJECT NO.
MISS.	NH-0010-01(136)

SPECIAL DESIGN SHEETS (CONTINUED)

VEGETATION SCHEDULE		VS-1	116	GUARD RAIL : TYPE 1 CABLE ANCHORAGE - (FOUNDATION TUBE)	3-01-02	GR-3	6192
DRIVEWAYS, INTEGRAL CURB & SIDEWALK		SDSD-2	117	GUARDRAIL : TYPE 1 CABLE ANCHORAGE - (CONCRETE FOOTING)	3-01-02	GR-3A	6193
COLLAR DETAILS FOR BOX STRUCTURES (SINGLE, DOUBLE, TRIPLE, AND QUADRUPLE)		SD-ICJ-1	118	GUARDRAIL : TYPICAL INSTALLATION AT BRIDGE APPROACHES FOR DIVIDED HIGHWAYS	12-01-99	GR-4	6194
BASIC CULVERT DRAWING - SINGLE CELL, HEIGHT 4 FT., SPANS - 4 - 10 FT.		SD-IBSM-3W	119	GUARDRAIL : MISCELLANEOUS HARDWARE	3-01-02	GR-HW	6202
BASIC CULVERT DRAWING - DOUBLE CELL, HEIGHT 4 FT., SPANS - 8 - 24 FT.		SD-IBDM-3W	120	MEDIAN BARRIER : CONCRETE (CAST IN PLACE)		MB-2	6204
BOX CULVERT DRAWING - BARREL JOINT LOCATIONS - NORMAL & SKEWED CULVERTS GROUP III DIAGRAMS		SD-IBJL-1	121	MEDIAN BARRIER : CONCRETE (PRECAST)	3-01-02	MB-2A	6205
WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING, SINGLE CELL, HEIGHTS 4-12 FT., SPANS 4-24 FT., SHEET 1 OF 2		SD-IWS-3	122	ROUTE SHIELDS AND "EXIT ONLY" PANELS		SN-2	6221
WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING, SINGLE CELL, HEIGHTS 4-12 FT., SPANS 4-24 FT., SHEET 2 OF 2		SD-IWD-3	124	STANDARD ROADSIDE SIGNS		SN-3	6222
WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING, DOUBLE CELL, HEIGHTS 4-12 FT., TOTAL SPANS 8-40 FT., SHEET 1 OF 2		SD-IWD-3A	125	STANDARD ROADSIDE SIGNS	3-01-02	SN-3A	6223
WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING, DOUBLE CELL, HEIGHTS 4-12 FT., TOTAL SPANS 8-40 FT., SHEET 2 OF 2		SDSE-2C	126	STANDARD ROADSIDE SIGN ASSEMBLY AND INSTALLATION		SN-4	6225
SUPERELEVATION CASE II ROTATION ABOUT EDGE OF TRAVELED WAY		SDRO-2	127	STANDARD ROADSIDE SIGN ASSEMBLY AND INSTALLATION		SN-4A	6226
SUPERELEVATION RUNOFF CASE II ROTATION ABOUT EDGE OF TRAVELED WAY		GR-RR	128	STANDARD ROADSIDE SIGN ASSEMBLY AND INSTALLATION		SN-4B	6227
GUARDRAIL (RUB RAIL HARDWARE)		SDPM-3	129	TYPICAL INSTALLATION OF GROUND MOUNTED DIRECTIONAL SIGNS		SN-5	6228
PAVEMENT MARKING DETAILS FOR INTERCHANGE ENTRANCE RAMP (PARALLEL AND TAPER)	12-01-99	SDPM-4	130	BREAKAWAY SIGN SUPPORTS		SN-6	6229
PAVEMENT MARKING DETAILS FOR INTERCHANGE EXIT RAMP (PARALLEL AND TAPER)	12-01-99	GR-2F	131	BREAKAWAY SIGN SUPPORTS		SN-6A	6230
GUARDRAIL : BRIDGE END SECTION - TYPE "I" (WOOD POSTS)		GR-2G	132	SIGN FACE CONSTRUCTION AND ATTACHMENT OF GROUND MOUNTED DIRECTIONAL SIGNS TO STEEL BEAMS (EXTRUDED ALUMINUM PANELS)	3-01-02	SN-7	6232
GUARDRAIL : BRIDGE END SECTION - TYPE "I" (STEEL POSTS)		SDSN-6B	133	TYPICAL GUARDRAIL DELINEATION	3-01-02	SN-8C	6236
BREAKAWAY SIGN SUPPORTS		SDSN-8	134	TRAFFIC CONTROL PLAN WITH FLAGGER (ONE-LANE CLOSURE OF TWO-WAY TRAFFIC)		TCP-1	6250
TYPICAL INSTALLATION AND DETAILS OF DELINEATORS AND DISTANCE REFERENCE SIGNS		SDTCP-10	135	TRAFFIC CONTROL PLAN MOBILE OPERATIONS MULTILANE ROADS AND TWO-LANE ROADS	12-01-99	TCP-11	6260
HIGHWAY SIGN AND BARRICADE DETAILS FOR CONSTRUCTION PROJECTS		PMD-1	136	DETAILS OF OUTSIDE LANE CLOSURE AT EXIT AND ENTRANCE RAMP		TCP-12	6261
PERMANENT MARKING DETAIL - I-10		PMD-2	137	TRAFFIC CONTROL PLANS : UNEVEN PAVEMENT DETAILS		TCP-14	6263
PERMANENT MARKING DETAIL - I-10		PMD-3	138	INTERCHANGE DESIGN FOR HIGH SPEED TAPERED EXIT RAMP		IR-1	6283
PERMANENT MARKING DETAIL - I-10		PMD-4	139	INTERCHANGE DESIGN FOR HIGH-SPEED PARALLEL EXIT RAMP	03-01-02	IR-1A	6284
PERMANENT MARKING DETAIL - I-10		PMD-5	140	INTERCHANGE DESIGN FOR HIGH-SPEED PARALLEL ENTRANCE RAMP	03-01-02	IR-2A	6286
PERMANENT MARKING DETAIL - SR 57		EXO-1	141	DRIVEWAYS, CURB & GUTTER & SIDEWALK		SD-1	6287
EMERGENCY / OFFICIAL USE MEDIAN CROSS OVERS		PR-1A	142	MISCELLANEOUS DETAIL SHEET		MDS-1	6290
TYPICAL CRC PAVEMENT REPAIR		PR-1B	143	1. STACKED PIPE JOINTS			
TYPICAL CRC PAVEMENT REPAIR (OPTIONAL WELDING METHOD)				2. EXCAVATION AT GRADE POINTS			
				DETAILS OF PAVED FLUMES		PF-1	6291
				PIPE CULVERT INSTALLATION		PI-1	6300
				CONCRETE PIPE COLLAR		PC-1	6301
				JUNCTION BOX FOR PIPE CULVERTS		JB-1	6302
				MEDIAN INLET (FLUSH WITH DITCH PLUG)		MI-4A	6313
				DETAILS OF GRATES FOR MEDIAN INLETS		IG-1	6314
				PAVED INLET APRON AND MEDIAN DITCH PLUG		PA-1	6318
				FLARED END SECTION FOR CONCRETE PIPE		FE-1	6328
				FLARED END SECTION FOR CONCRETE ARCH PIPE		FE-1A	6329

PERMANENT SIGNS - ROADWAY SHEETS (12)

PERMANENT SIGNING PLAN - I-10, STA. 235+00 TO STA. 265+00		PSP-1	1001	CROSS SECTION SHEETS (56)			
PERMANENT SIGNING PLAN - I-10, STA. 290+00 TO STA. 320+00		PSP-2	1002	I-10 - MAINLINE CROSS SECTIONS			9001-9056
PERMANENT SIGNING PLAN - I-10, STA. 350+00 TO STA. 380+00		PSP-3	1003				
PERMANENT SIGNING PLAN - I-10, STA. 380+00 TO STA. 410+00		PSP-4	1004				
PERMANENT SIGNING PLAN - I-10, STA. 445+00 TO STA. 475+00		PSP-5	1005				
PERMANENT SIGNING PLAN - I-10, STA. 505+00 TO STA. 535+00		PSP-6	1006				
PERMANENT SIGNING PLAN - I-10, STA. 535+00 TO STA. 565+00		PSP-7	1007				
PERMANENT SIGNING PLAN - I-10, STA. 565+00 TO STA. 595+00		PSP-8	1008				
PERMANENT SIGNING PLAN - I-10, STA. 595+00 TO STA. 625+00		PSP-9	1009				
PERMANENT SIGNING PLAN - I-10, STA. 625+00 TO STA. 645+00		PSP-10	1010				
OVERHEAD SIGN DETAIL PLACEMENT, ASSEMBLY #1 & #2		OH-1	1011				
PERMANENT SIGN DETAIL		PSD-1	1012				

STANDARD DRAWINGS - ROADWAY SHEETS (46)

CONTINUOUSLY REINFORCED CONCRETE PAVEMENT 24'-0" WIDE		RRP-1	6101				
PAVEMENT MARKING DETAILS FOR 2 AND 4-LANE DIVIDED HIGHWAYS	12-01-99	PM-1	6120				
PAVEMENT MARKING DETAILS FOR 4 AND 5-LANE UNDIVIDED ROADWAYS	12-01-99	PM-2	6121				
PAVEMENT MARKING LEGEND DETAILS		PM-6	6125				
EROSION CONTROL		EC-1	6140				
TYPICAL TEMPORARY EROSION CONTROL MEASURES (TYPE B SILT BASIN)		TEC-3	6144				
GUARDRAIL : "W" BEAM (WOOD POSTS)	3-01-02	GR-1	6180				
GUARDRAIL : THRIE BEAM (WOOD POSTS)	3-01-02	GR-1A	6181				
GUARDRAIL : "W" BEAM (STEEL POSTS)	3-01-02	GR-1B	6182				
GUARDRAIL : BRIDGE END SECTION - TYPE "D" MODIFIED		GR-2B	6186				

CROSS SECTION SHEETS (56)

I-10 - MAINLINE CROSS SECTIONS

TOTAL SHEETS (257) [△]

MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
DETAILED INDEX	
PROJECT: NH-0010-01(136)	
COUNTY: JACKSON	
FILENAME: DINDEX.DGN	
DESIGN TEAM	CHECKED DATE
MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
WORKING NUMBER	
DI-2	
SHEET NUMBER	
3	

1/27/2016 15:11:51 DINDEX.DGN

ADDENDUM

STATE	PROJECT NO.
MISS.	NH-0010-01(136)

1. THE LOCATION AND SPACING OF SIGNS, SHOWN ON THE TRAFFIC CONTROL PLANS, ARE APPROXIMATE AND MAY BE ADJUSTED AS NECESSARY TO FIT FIELD CONDITIONS.
2. ALL SIZES OF FLARED END SECTION MAY BE FURNISHED WITH EITHER BELL AND SPIGOT OR TONGUE AND GROOVE JOINTS.
3. 50% SHRINKAGE FACTOR USED IN THE EARTHWORK CALCULATIONS IS FOR DESIGN ESTIMATING PURPOSES ONLY.
4. TOE WALLS ARE REQUIRED AT ALL UPSTREAM AND DOWNSTREAM FLARED END SECTIONS.
5. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROTECT EXISTING STRUCTURES SUCH AS PIPES, INLETS, APRONS, BRIDGES, ETC. FROM DAMAGE WHICH MIGHT OCCUR DURING CONSTRUCTION. EXTREME CARE SHALL BE EXERCISED IN THE UNDERCUT AREAS AND THE UNDERCUT DEPTH MAY BE ADJUSTED AT CROSS DRAINS, AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL REPLACE OR REPAIR ANY STRUCTURES DAMAGED DURING THE LIFE OF THE CONTRACT. NO PAYMENT WILL BE MADE FOR REPLACEMENT OR REPAIR OF DAMAGED ITEMS.
6. ALL POST LENGTHS FOR SIGNS SHALL BE VERIFIED IN THE FIELD PRIOR TO FABRICATION.
7. VOIDS CREATED BY THE REMOVAL OF POSTS, CONCRETE ANCHORS, FOOTINGS, ETC. SHALL BE BACKFILLED AND TAMPED IN ACCORDANCE WITH SECTION 203 OF THE MISSISSIPPI STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
8. EXISTING UNDERGROUND UTILITY LINES ARE SHOWN ON THE DRAWINGS BASED UPON THE BEST INFORMATION AVAILABLE TO THE ENGINEER. THE ENGINEER CAN NOT AND DOES NOT WARRANT THAT THIS INFORMATION IS COMPLETE OR ACCURATE. THE CONTRACTOR MUST COORDINATE DIRECTLY WITH THE INVOLVED UTILITY OWNERS TO HAVE UNDERGROUND UTILITY LINES FIELD LOCATED IN ADVANCE OF CONSTRUCTION.
9. FOR LIST OF PUBLIC UTILITIES, SEE WORKING NO. 3LT.
10. FLUORESCENT ORANGE SHEETING SHALL BE USED ON ALL CONSTRUCTION AND TRAFFIC CONTROL SIGNS EXCEPT FOR THOSE DESIGNATED ON THE PLANS TO BE BLACK LEGEND AND BORDER ON WHITE BACKGROUND.
11. ROADWAY SIGNS THAT ARE IN CONFLICT WITH CONSTRUCTION OF THIS PROJECT SHALL BE REMOVED AND RELOCATED BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER, THE COST OF WHICH SHALL BE ABSORBED IN OTHER ITEMS BID.
12. REMOVAL OF RAISED PAVEMENT MARKERS IS NOT CONSIDERED A SEPARATE PAY ITEM.
13. THE EROSION CONTROL DEVICES REFERENCED IN THESE PLANS ARE A MINIMUM REQUIREMENT. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO INSURE THAT SILT DOES NOT LEAVE THE RIGHT OF WAY OR CONTAMINATE WATERS OF THE U.S. DURING CONSTRUCTION. THE CONTRACTOR SHALL SUBMIT AN EROSION CONTROL PLAN PRECONSTRUCTION OR CONFERENCE PRIOR TO COMMENCEMENT OF WORK AND MAINTAIN THE PLAN DURING CONSTRUCTION.
14. WIRE FENCE BACKING WILL BE REQUIRED FOR ALL SILT FENCE. (SEE WK. NO. ECD-3)
15. A TYPE "A" MEDIAN SILT BASIN WILL BE REQUIRED UPSTREAM OF EACH MEDIAN INLET (SEE WK. NO. TEC-2 FOR DETAILS)
16. ALL EXISTING SIGNS WHICH MAY CONFLICT WITH REQUIRED SIGNING FOR CLOSED AND/OR RELOCATED RAMPS DURING CONSTRUCTION PHASES SHALL BE COVERED.
17. FULL COLLARS ARE TO BE USED AT ALL BOX CULVERT EXTENSIONS AND AT ALL BOX CULVERT CONSTRUCTION JOINT. (SEE ICJ-1 FOR DETAILS)
18. THE CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFICATION OF EXISTING GRADES AND MAKING ADJUSTMENT AS NECESSARY WITH THE APPROVAL OF THE PROJECT ENGINEER.
19. WHERE MILLING OF THE ROADWAY LANES IS REQUIRED, THE CONTRACTOR SHALL PROVIDE OUTLETS IN THE EXISTING SHOULDERS AT SUFFICIENT INTERVALS TO PREVENT POOLING OR STANDING WATER ON THE MILLED SURFACE (ABSORBED ITEM).
20. ALL PIPE JOINTS ARE TO BE WRAPPED IN TYPE V GEOTEXTILE FABRIC, 24" WIDTH. ALL PICKUP HOLES ARE TO BE PLUGED AND COVERED WITH TYPE V GEOTEXTILE FABRIC TO THE SATISFACTION OF THE ENGINEER (NOT A SEPARATE PAY ITEM).
21. ALL BOX CULVERT JOINTS ARE TO BE WRAPPED IN TYPE V GEOTEXTILE FABRIC 6' WIDTH. (NOT A SEPARATE PAY ITEM).
22. REMOVAL OF EXISTING DELINEATORS WILL NOT BE MEASURED FOR SEPARATE PAYMENT.
23. REMOVAL OF MILE MARKERS OR OBJECT MARKERS WILL NOT BE MEASURED FOR SEPARATE PAYMENT.
24. SOME WORK IS REQUIRED OUTSIDE THE PROJECT LIMITS BEYOND THE B.O.P. AND E.O.P. NO ADDITIONAL COMPENSATION WILL BE MADE FOR SUCH WORK EXCEPT AS PROVIDED BY SPECIFIC PAY ITEMS SHOWN ON THE PLANS.
25. ALL TRAFFIC CONTROL DEVICES ON THIS PROJECT SHALL COMPLY WITH THE MUTCD (LATEST EDITION).
26. ALL PLASTIC DRUMS SHALL HAVE A BALLASTING COLLAR MADE FROM RECYCLED TRUCK TIRES OR OTHER SUITABLE MATERIAL.
27. A SOIL PROFILE HAS BEEN PREPARED FOR THIS PROJECT USING SAMPLES TAKEN FROM HOLES AT THE LOCATIONS INDICATED IN THE TEST REPORTS. THIS SOIL PROFILE IS ON FILE IN THE DISTRICT AND CENTRAL CONSTRUCTION OFFICES AND IS AVAILABLE FOR EXAMINATION. THE DEPARTMENT DOES NOT GUARANTEE THAT THE MATERIALS AS SHOWN IN THE REPORTS ARE NECESSARILY TO BE FOUND OUTSIDE THE TEST HOLES.
28. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING BRACING, SHORING, OR ANY GROUND SUPPORT SYSTEM THAT IS DEEMED NECESSARY TO PREVENT A FAILURE FROM OCCURRING AND TO PROTECT THE PERSONS WORKING NEAR THE EXCAVATION, AND PUBLIC THAT MAY BE ABOVE THE EXCAVATION. ALL COSTS FOR ANY PROTECTIVE MEASURES, INCLUDING THE MATERIAL AND LABOR, FOR DESIGNING, DRAWING, AND CONSTRUCTING THE FACILITY, SHALL BE INCLUDED IN THE PRICE BID FOR CONTRACT ITEMS.
29. CLEARING IN WETLANDS AREA UNDERNEATH BRIDGES IS PROHIBITED, EXCEPT WHERE NECESSARY FOR BRIDGE CONSTRUCTION. THIS CLEARING MUST BE DONE WITH SAWS. DOZERS OR OTHER MECHANIZED CLEARING WHICH WILL DISTURB NATURAL GROUND SURFACE ARE NOT ALLOWED.
30. CLEARING IN WETLANDS IS LIMITED TO TEN (10) FEET BEYOND CONSTRUCTION LIMITS EXCEPT UNDER BRIDGES AND IN SIGHT FLARES. CLEARING UNDER BRIDGES (IN WETLANDS) IS LIMITED TO WITHIN TWENTY-FIVE (25) FEET ON ONE SIDE OF THE CENTERLINE AND FIFTY (50) FEET ON THE OTHER SIDE OF THE CENTERLINE. WITHIN THIS SEVENTY-FIVE (75) FOOT WIDE AREA, THE CONTRACTOR SHALL BE PERMITTED TO CONSTRUCT A TEMPORARY HAUL ROAD. UPON COMPLETION OF THE BRIDGE, THIS ROAD SHALL BE REMOVED BY THE CONTRACTOR TO NATURAL GROUND ELEVATION. ALL COSTS ASSOCIATED WITH THE HAUL ROAD ARE TO BE INCLUDED IN OTHER BID ITEMS. ADDITIONAL CLEARING IN THE VICINITY OF THE BRIDGE, OUTSIDE THE SEVENTY-FIVE (75) FOOT WIDE AREA, IS TO BE DONE WITH SAWS ONLY (NO DOZERS OR OTHER MECHANIZED CLEARING WHICH WILL DISTURB THE NATURAL GROUND SURFACE).
31. SMALL AMOUNTS OF EXCAVATION MAY BE NECESSARY AT SOME OF THE SITES. THIS MATERIAL MAY BE USED AS E.S.F.E. MATERIAL AND WILL BE PAID FOR BORROW. NO E.S.F.E. MATERIAL SHALL BE REMOVED FROM THE PROJECT WITHOUT THE APPROVAL OF THE ENGINEER.
32. VEGETATIVE MATERIAL WILL BE REMOVED PRIOR TO PLACEMENT OF GRANULAR MATERIAL. THE COST OF WHICH SHALL BE ABSORBED IN OTHER BID ITEMS.
33. ALL ADDENDA TO THESE PLANS WILL BE POSTED TO WWW.MDOT.MS.GOV UNDER THE PROPOSAL ADDENDA COLUMN. BIDDERS ARE ADVISED THAT HARD COPIES OF ANY ADDENDA FOR THIS PROJECT WILL NOT BE MAILED. IT IS THE BIDDER'S RESPONSIBILITY TO CHECK AND SEE IF ANY ADDENDA HAVE BEEN POSTED FOR THIS PROJECT.
34. IF COLORS ARE USED ON PLAN/PROFILE SHEETS, THEY ARE INTENDED TO VISUALLY EASE THE LOCATION OF ELEMENTS FOR USERS OF THESE DRAWINGS. ALTHOUGH THE INTENT IS TO CATEGORIZE EVERYTHING AS EITHER EXISTING OR PROPOSED, IT IS THE END USER'S RESPONSIBILITY TO ENSURE ALL ELEMENTS ARE INTERPRETED CORRECTLY REGARDLESS OF COLOR.
35. 10:1 LONGITUDINAL SLOPES ARE REQUIRED AT ANY INLETS AND DITCH PLUGS. THE COST SHALL BE INCLUDED IN THE PRICE BID FOR EARTHWORK PAY ITEMS. Δ
36. THE CLEARING OF EXISTING TREES MAY BE REQUIRED TO ALLOW FOR THE PROPER SIGHT DISTANCE NEEDED FOR THE SIGNING. Δ
37. ANY I-10 EMERGENCY CROSSOVER LAYOUTS, SLOPES, PAVEMENT, ETC. WILL MEET THE CURRENT MDOT STANDARDS.

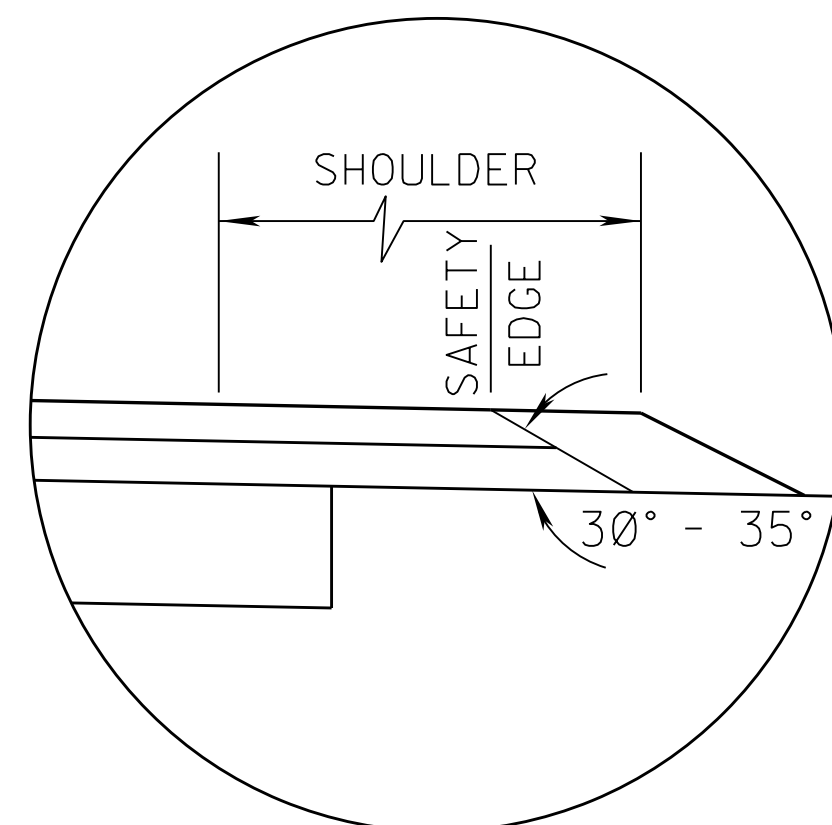
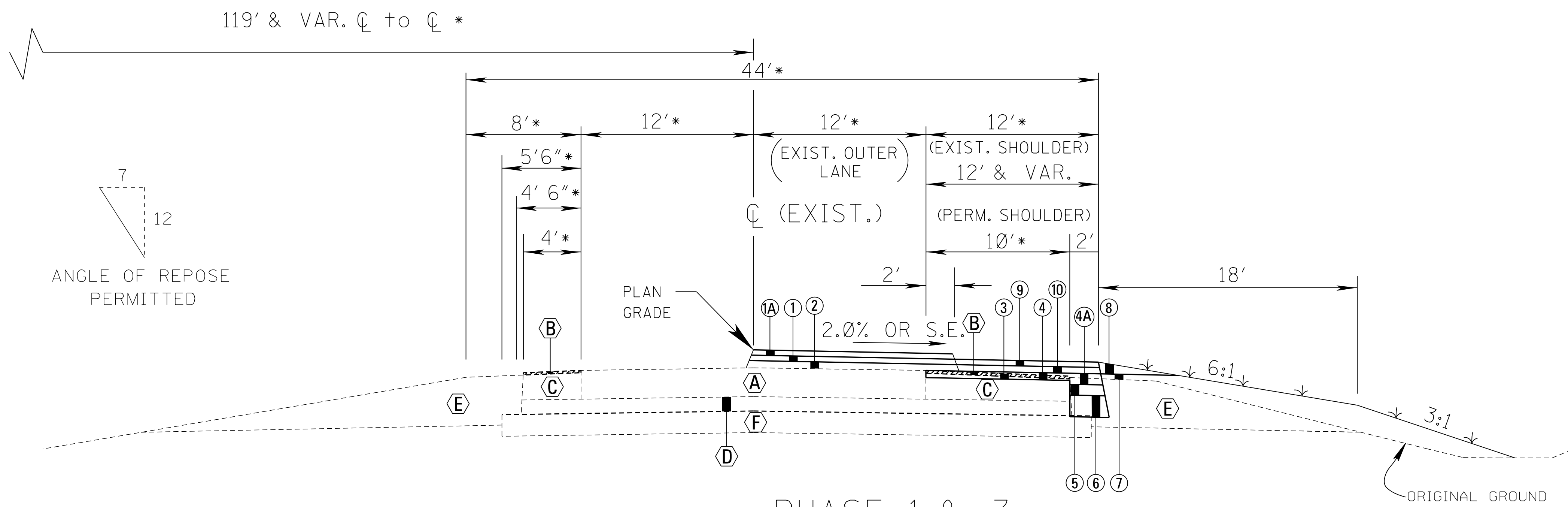
1/7/2016 15:11:52 GN.DGN

TWO BY		MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
REVISED		GENERAL NOTES	
DATE		PROJECT: NH-0010-01(136)	
FILENAME: GN.DGN		COUNTY: JACKSON	
DESIGN TEAM		WORKING NUMBER	
CHECKED		GN-1	
DATE		SHEET NUMBER	
		4	



ADDENDUM

STATE	PROJECT NO.
MISS.	NH-0010-01(136)



**SAFETY EDGE REQ'D
2 LIFTS ONLY
(NOT A PAY ITEM)
NEW CONSTRUCTION
FULL-WIDTH PAVED
PHASE 1**

- * EXISTING STRUCTURE
- (A) 8" CONTINUOUSLY REINFORCED CONCRETE PAVEMENT
 - (B) DOUBLE BITUMINOUS SURFACE TREATMENT
 - (C) 7" & VAR. DEPTH PLANT MIX BITUMINOUS BASE
 - (D) 4" PLANT MIX BITUMINOUS BASE
 - (E) VAR. DEPTH GRANULAR MATERIAL (CLASS 9, GROUP "B")
 - (F) 6" COMPACTED COURSE

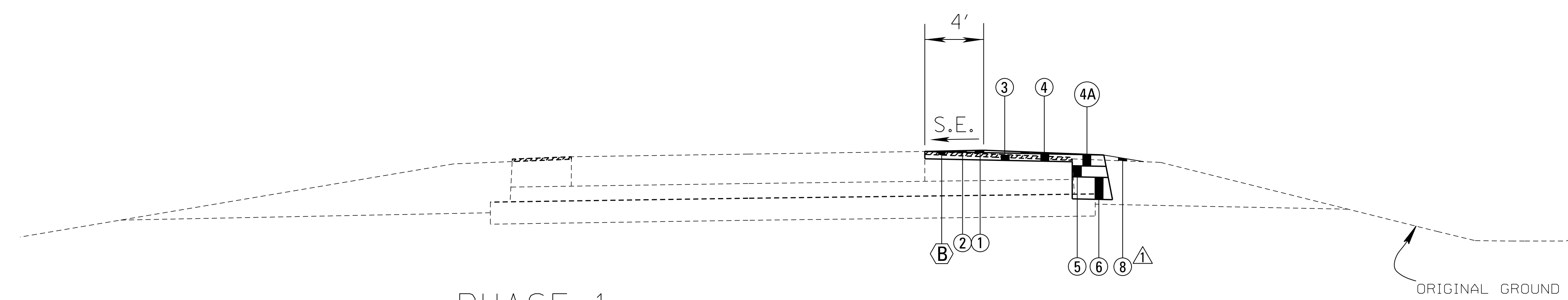
**PHASE 1 & 3
CONSTRUCTION OF TEMP. OUTSIDE LANE**

STA. 240+75 TO STA. 384+32.09(±) \bar{C} OF WEST BOUND I-10
 STA. 386+89.53(±) TO STA. 578+28.48(±) \bar{C} OF WEST BOUND I-10
 STA. 581+47.90(±) TO STA. 592+80.52(±) \bar{C} OF WEST BOUND I-10
 STA. 596+08.13(±) TO 645+00 \bar{C} OF WEST BOUND I-10
 (IN THE DIRECTION OF TRAFFIC)

STA. 240+15 TO STA. 383+27.63(±) \bar{C} OF EAST BOUND I-10
 STA. 385+90.32(±) TO STA. 581+47.90(±) \bar{C} OF EAST BOUND I-10
 STA. 582+05.27(±) TO STA. 593+60.09(±) \bar{C} OF EAST BOUND I-10
 STA. 596+87.76(±) TO 645+00 \bar{C} OF EAST BOUND I-10
 (IN THE DIRECTION OF TRAFFIC)

- (3) 1.50" & VAR. COLD MILLING TO 2% CROSS-SLOPE
- (4) 1.50" ASPHALT PAVEMENT, HT (12.5 mm MIXTURE) (1@1.5")
- (4A) 3.00" ASPHALT PAVEMENT, HT (12.5 mm MIXTURE) (2@1.5")
- (5) 3.50" ASPHALT PAVEMENT, ST (19 mm MIXTURE) (1@3.5")
- (6) 6.00" CRUSHED STONE BASE w/GEOTEXTILE FABRIC TYPE V (NON-WOVEN)
- (7) 3.50" & VAR. DEPTH B7-6 BORROW REQ'D

- WORK TO BE DONE UNDER TRAFFIC IN PHASE 3
- (1A) 1.00" OPEN GRADED FRICTION COURSE (9.5 mm MIX)(1@1")
 - (1) 1.50" ASPHALT, SMA (9.5 mm MIXTURE)
 - (2) 2.00" & VAR. ASPHALT, SMA (12.5 mm MIXTURE)
 - (8) 3.50" & VAR. CRUSHED STONE BASE
 - (9) 1.50" ASPHALT PAVEMENT, HT (9.5 mm MIXTURE) (1@1.5")
 - (10) 2.00" ASPHALT PAVEMENT, HT (12.5 mm MIXTURE) (1@2.0")



INDICATES AREA TO BE TREATED IN ACCORDANCE WITH THE VEGETATION SCHEDULE. SEE WK. SH. NO. VS-1

**PHASE 1
CONSTRUCTION OF TEMP. SUPER ELEVATION (OUTSIDE LANE)**

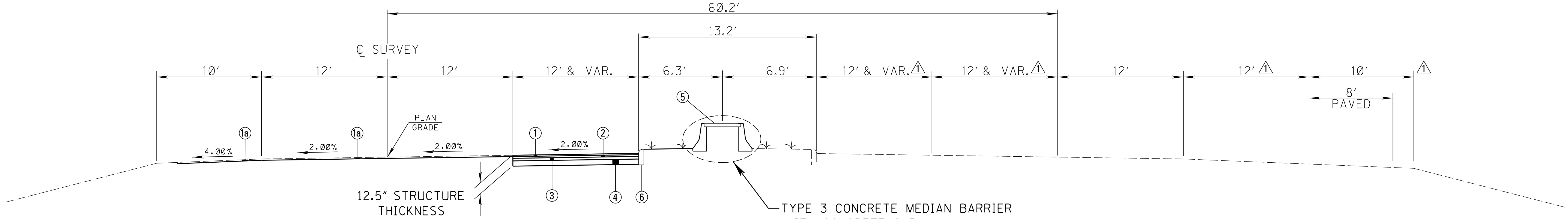
STA. 281+24.358 TO STA. 298+30.720 - EAST BOUND LANES
 STA. 351+49.767 TO STA. 390+38.848 - WEST BOUND LANES
 STA. 491+90.894 TO STA. 522+50.668 - EAST BOUND LANES
 STA. 528+12.197 TO STA. 559+45.144 - WEST BOUND LANES

**PHASE 1
CONSTRUCTION OF TEMP. SUPER ELEVATION**

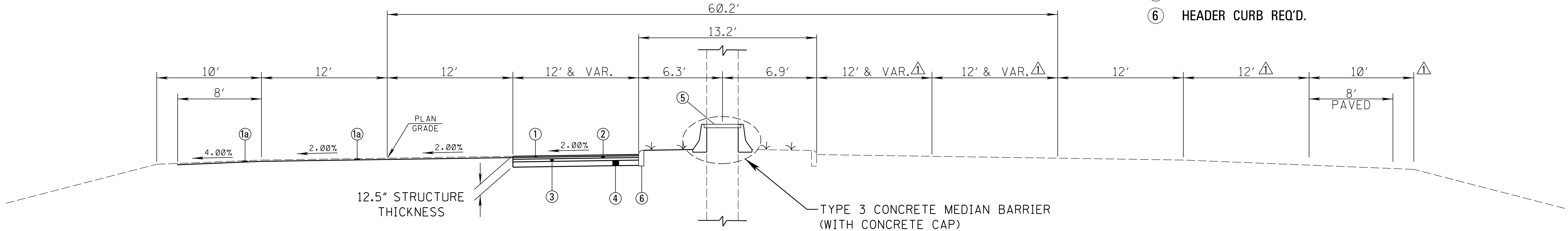
- (1) TEMPORARY ASPHALT SURFACE PAVEMENT HT (12.5 mm MIXTURE) (1@1.5") VARIABLE DEPTH
- (2) COLD MILLING REQ'D PRIOR TO FINAL LIFT OF ASPHALT

MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
TYPICAL SECTION	
I-10	
PHASE 1 & PHASE 3	
PROJECT: NH-0010-01(136)	
COUNTY: JACKSON	
FILENAME: TYP.DGN	
DESIGN TEAM	CHECKED _____ DATE _____
WORKING NUMBER	TS-1
SHEET NUMBER	5

1/27/2016 15:11:52 TYP.DGN



- ① 1.5" ASPHALT PAVEMENT, HT (9.5 mm MIX) (1 @ 1.5")
- ①a MILL 1.5" MIN. AND REPLACE WITH 1.5" ASPHALT PAVEMENT, HT (9.5 mm MIX) (1 @ 1.5")
- ② 2" ASPHALT PAVEMENT, HT (12.5 mm MIX) (1 @ 2")
- ③ 3" ASPHALT PAVEMENT, HT (19 mm MIX) (1 @ 3")
- ④ 6" & VARIABLE DEPTH CRUSHED STONE BASE
- ⑤ TYPE 3 CONCRETE MEDIAN BARRIER REQ'D.
- ⑥ HEADER CURB REQ'D.



TYPICAL SECTION AT BRIDGE COLUMNS

1/7/2016 15:11:52 TYP.DGN

TMB		BY		MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
UPDATED		REVISION		TYPICAL SECTION	
DATE		DATE		S.R. 57	
DESIGN TEAM		CHECKED		DATE	
PROJECT: NH-0010-01(136)				WORKING NUMBER	
COUNTY: JACKSON				TS-4	
FILENAME: TYP.DGN				SHEET NUMBER	
				8	



ADDENDUM


STATE	PROJECT NO.
MISS.	NH-0010-01(136)

SUMMARY OF QUANTITIES (SHEET 1)

PAY ITEM NO.	PAY ITEM	UNIT	PRELIMINARY	FINAL
***** EARTHWORK ITEMS *****				
201-A001	CLEARING AND GRUBBING	LS	100%	
202-A001	REMOVAL OF OBSTRUCTIONS	LS	100%	
202-B038	REMOVAL OF CURB, ALL TYPES	LF	400	
202-B042	REMOVAL OF FLARED END SECTION, ALL SIZES	EA	33	
202-B076	REMOVAL OF TRAFFIC STRIPE	LF	164 000	
202-B081	REMOVAL OF CONTINUOUSLY REINFORCED CONCRETE PAVEMENT, 8-INCH DEPTH	SY	388	
202-B087	REMOVAL OF GUARD RAIL, INCLUDING RAILS, POSTS AND TERMINAL ENDS	LF	2840	
202-B107	REMOVAL OF SIGN, GROUND MOUNTED WITH POSTS	EA	65	
203-A003	UNCLASSIFIED EXCAVATION, FM, AH	CY	36 743	
203-EX038	BORROW EXCAVATION, AH, FME, CLASS B7-6	CY	97 971	
206-A001	STRUCTURE EXCAVATION	CY	222	
206-B001	SELECT MATERIAL FOR UNDERCUTS, CONTRACTOR FURNISHED, FM	CY	29	
209-A004	GEOTEXTILE STABILIZATION, TYPE V, NON-WOVEN	SY	122,673	
***** ROADSIDE DEVELOPMENT ITEMS *****				
211-A001	TOPSOIL FOR SLOPE TREATMENT, FROM RIGHT-OF-WAY	SY	548 220	
213-C001	SUPERPHOSPHATE	TON	57	
907-216-A001	SOLID SODDING	SY	452	
217-A001	DITCH LINER	SY	1000	
219-A001	WATERING	KGAL	9	
220-A001	INSECT PEST CONTROL	ACRE	57	
221-A001	PORTLAND CEMENT CONCRETE PAVED DITCH	CY	2	
223-A001	MOWING	ACRE	113	
907-225-A001	GRASSING	ACRE	113	
907-225-B001	AGRICULTURAL LIMESTONE	TON	339	
907-225-C001	MULCH, VEGETATIVE MULCH	TON	226	
907-226-A001	TEMPORARY GRASSING	ACRE	113	
907-227-A001	HYDROSEEDING	ACRE	113	
234-A001	TEMPORARY SILT FENCE	LF	152 470	
907-234-C002	SUPER SILT FENCE	LF	874	
907-234-D001	INLET SILTATION GUARD	EA	2	
235-A001	TEMPORARY EROSION CHECKS	BALE	560	
907-237-A003	WATTLES, 20"	LF	2265	
907-245-A001	TRIANGULAR SILT DIKE	LF	1040	
907-246-A001	SANDBAGS	LF	5200	
907-249-A001	RIPRAP FOR EROSION CONTROL	TON	1179	
907-249-B001	REMOVE AND RESET RIPRAP	CY	125	
***** ALTERNATE ITEMS *****				
907-304-F002	SIZE 610 CRUSHED STONE BASE	TON	41200	
OR	OR			
907-304-F003	3/4" AND DOWN CRUSHED STONE BASE	TON	41200	
OR	OR			
907-304-F004	SIZE 825B CRUSHED STONE BASE	TON	41200	

- ⑦ INCLUDES REMOVAL OF BRIDGE END SECTIONS, TERMINAL SECTIONS, FOOTINGS AND OTHER APPURTENANCES.
- ⑧ ESTIMATED QUANTITIES TO BE USED AS DIRECTED BY THE ENGINEER.
- ③ INCLUDES THE QUANTITY FOR APRONS AT MEDIAN INLETS.
- ④ INCLUDES THE QUANTITY FOR PIPE AND BOX CULVERTS.
- ⑤ QUANTITY INCLUDES A 20% SHRINKAGE FACTOR.
- ⑥ FOR SOLID SOD.
- ⑦ INCLUDES THE CLEARING OF EXISTING TREES TO ALLOW FOR THE PROPER SIGHT DISTANCE NEEDED FOR THE SIGNING AS DIRECTED BY THE ENGINEER.
- ⑧ INCLUDES EXISTING BOX CULVERT WINGWALLS LISTED:
 WK 7LT, STA. 351+00 RT.
 1-6'X4' WINGWALL IN PLACE
 WK 7RT, STA. 351+00 LT.
 1-6'X4' WINGWALL IN PLACE
 WK 16LT, STA. 622+00 RT.
 1 DBL. 8'X4' WINGWALL IN PLACE
 WK 16RT, STA. 622+00 LT.
 1 DBL. 8'X4' WINGWALL IN PLACE

1/27/2016 15:11:53 SQS-SH.DGN MISSISSIPPI DEPARTMENT OF TRANSPORTATION

MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
SUMMARY OF QUANTITIES	
PROJECT: NH-0010-01(136)	
COUNTY: JACKSON	
FILENAME: SQS-SH.DGN	
DESIGN TEAM	CHECKED DATE
	
WORKING NUMBER	SHEET NUMBER
SQ-1	11

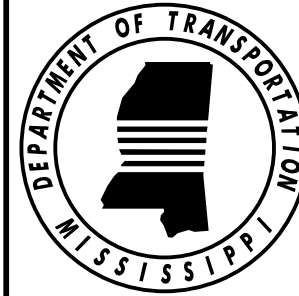
ADDENDUM

STATE	PROJECT NO.
MISS.	NH-0010-01(136)

SUMMARY OF QUANTITIES (SHEET 2)

PAY ITEM NO.	PAY ITEM	UNIT	PRELIMINARY	FINAL
***** BITUMINOUS PAVING ITEMS *****				
907-402-A004	OPEN GRADED FRICTION COURSE, 9.5-MM MIXTURE	TON	19 278	
907-402-B001	BITUMINOUS TACK COAT	GAL	20 500	
907-403-A017	9.5-MM, ST, ASPHALT PAVEMENT	TON	44	
907-403-A018	12.5-MM, ST, ASPHALT PAVEMENT	TON	59	
907-403-A019	19-MM, ST, ASPHALT PAVEMENT	TON	18 538	
907-403-A027	9.5-MM, HT, ASPHALT PAVEMENT	TON	14 846	
907-403-A028	12.5-MM, HT, ASPHALT PAVEMENT	TON	31 176	
907-403-A029	19-MM, HT, ASPHALT PAVEMENT	TON	64 197	
907-403-AA001	STONE MATRIX ASPHALT, 9.5 MM MIXTURE	TON	29 076	
907-403-AA002	STONE MATRIX ASPHALT, 12.5 MM MIXTURE	TON	38 767	
907-403-S004	JOINT SEALANT	MI	64	
907-406-B001	COLD MILLING OF CONCRETE PAVEMENT, ALL DEPTHS	SY	2,089	
907-406-D001	FINE MILLING OF BITUMINOUS PAVEMENT, ALL DEPTHS	SY	139 805	
907-407-A001	ASPHALT FOR TACK COAT	GAL	150 157	
***** CONCRETE PAVING ITEMS *****				
423-A001	RUMBLE STRIPS, GROUND IN	MI	16	
501-D001	EXPANSION JOINTS, WITH DOWELS	LF	228	
501-E001	EXPANSION JOINTS, WITHOUT DOWELS	LF	351	
502-A001	REINFORCED CEMENT CONCRETE BRIDGE END PAVEMENT	SY	854	
907-503-A002	8" AND VARIABLE CONTINUOUSLY REINFORCED CONCRETE PAVEMENT, ROOM FINISH	SY	388	
503-C002	SAW CUT, 3-INCH	LF	968	
503-C007	SAW CUT, FULL DEPTH	LF	1474	
503-D001	CONCRETE FOR BASE REPAIR	CY	25	
503-E002	TIE BARS, NO. 5 DEFORMED DRILLED AND EPOXIED OR GROUTED	EA	253	

1/7/2016 15:12:03 SQS-SH.DGN

<table border="1"> <tr> <td>1/3/16</td> <td>DATE</td> <td>DESIGN TEAM</td> <td>TWB</td> <td>BY</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>	1/3/16	DATE	DESIGN TEAM	TWB	BY						MISSISSIPPI DEPARTMENT OF TRANSPORTATION SUMMARY OF QUANTITIES PROJECT: NH-0010-01(136) COUNTY: JACKSON FILENAME: SQS-SH.DGN DESIGN TEAM _____ CHECKED _____ DATE _____	 WORKING NUMBER SQ-2 SHEET NUMBER 12
1/3/16	DATE	DESIGN TEAM	TWB	BY								

ADDENDUM


STATE	PROJECT NO.
MISS.	NH-0010-01(136)

SUMMARY OF QUANTITIES (SHEET 4)

PAY ITEM NO.	PAY ITEM	UNIT	PRELIMINARY	FINAL
***** GUARDRAIL ITEMS *****				
606-B005	GUARD RAIL, CLASS A, TYPE 1, 'W' BEAM	LF	2475	
606-C003	GUARD RAIL, CABLE ANCHOR, TYPE 1	EA	2	
606-D012	GUARD RAIL, BRIDGE END SECTION, TYPE I	EA	12	
606-E001	GUARD RAIL, TERMINAL END SECTION	EA	12	
609-B001	CONCRETE CURB, HEADER	LF	400	
615-A002	CONCRETE TYPE III CAST-IN-PLACE MEDIAN BARRIER	LF	220	
***** INCIDENTAL CONSTRUCTION *****				
907-618-A001	MAINTENANCE OF TRAFFIC	LS	100%	
***** TRAFFIC CONTROL ITEMS *****				
619-A1002	TEMPORARY TRAFFIC STRIPE, CONTINUOUS WHITE	MI	62	
619-A2002	TEMPORARY TRAFFIC STRIPE, CONTINUOUS YELLOW	MI	62	
619-A3006	TEMPORARY TRAFFIC STRIPE, SKIP WHITE	MI	63	
619-A5001	TEMPORARY TRAFFIC STRIPE, DETAIL	LF	17 608	
619-C6001	RED-CLEAR REFLECTIVE HIGH PERFORMANCE RAISED MARKER	EA	1462	
619-D1001	STANDARD ROADSIDE CONSTRUCTION SIGNS, LESS THAN 10 SQUARE FEET	SF	139	
619-D2001	STANDARD ROADSIDE CONSTRUCTION SIGNS, 10 SQUARE FEET OR MORE	SF	1048	
907-619-E3001	CHANGEABLE MESSAGE SIGN	EA	4	
619-F1001	CONCRETE MEDIAN BARRIER, PRECAST	LF	21 200	
619-F2001	REMOVE AND RESET CONCRETE MEDIAN BARRIER, PRECAST	LF	63 600	
619-F3003	DELINEATORS, GUARD RAIL, YELLOW	EA	42	
619-F3004	DELINEATORS, GUARD RAIL, WHITE	EA	42	
619-G4001	BARRICADES, TYPE III, SINGLE FACED	LF	48	
619-G7001	WARNING LIGHTS, TYPE "B"	EA	8	
619-J1003	IMPACT ATTENUATOR, 60 MPH	UNIT	4	
619-J2002	IMPACT ATTENUATOR, 60 MPH, REPLACEMENT PACKAGE	UNIT	2	
620-A001	MOBILIZATION	LS	100%	

- ① 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.
- ② ESTIMATED QUANTITY. ACTUAL QUANTITY AND PLACEMENT TO BE AS DIRECTED BY THE ENGINEER.
- ③ QUANTITY SET UP FOR 2 MILES OF BARRIER FOR EACH DIRECTION OF TRAFFIC.
- ④ TO BE INSTALLED FOLLOWING MANUFACTURER'S RECOMMENDATION AND INSTALLATION DETAIL'S

1/7/2016 15:12:14 SQS-SH.DGN

TMB BY REVISION DATE	MISSISSIPPI DEPARTMENT OF TRANSPORTATION SUMMARY OF QUANTITIES	 PROJECT: NH-0010-01(136) COUNTY: JACKSON FILENAME: SQS-SH.DGN DESIGN TEAM _____ CHECKED _____ DATE _____	WORKING NUMBER SQ-4
			SHEET NUMBER 14

ADDENDUM

STATE	PROJECT NO.
MISS.	NH-0010-01(136)

1/7/2016 15:19:19 REC.DON

REMOVAL OF CONCRETE PAVEMENT		
STATION	SQ. YD.	REMARKS
I-10 EASTBOUND		
308+50	16	
319+00	5	
366+50	7	
372+00	5	
425+00	5	
430+00	5	
451+00	5	
499+00	11	
525+00	11	
526+00	5	
528+00	5	
530+50	5	
610+00	8	
I-10 WESTBOUND		
245+00	5	
255+50	5	
275+00	5	
276+50	48	
282+00	53	
292+50	7	
306+00	5	
307+50	5	
308+50	5	
312+00	5	
313+76	5	
356+00	5	
403+46	5	
414+00	5	
419+30	5	
429+50	5	
456+20	5	
462+00	5	
466+50	13	
477+40	16	
572+50	53	
608+00	23	
UNITS	SQ. YD.	
TOTALS	388	



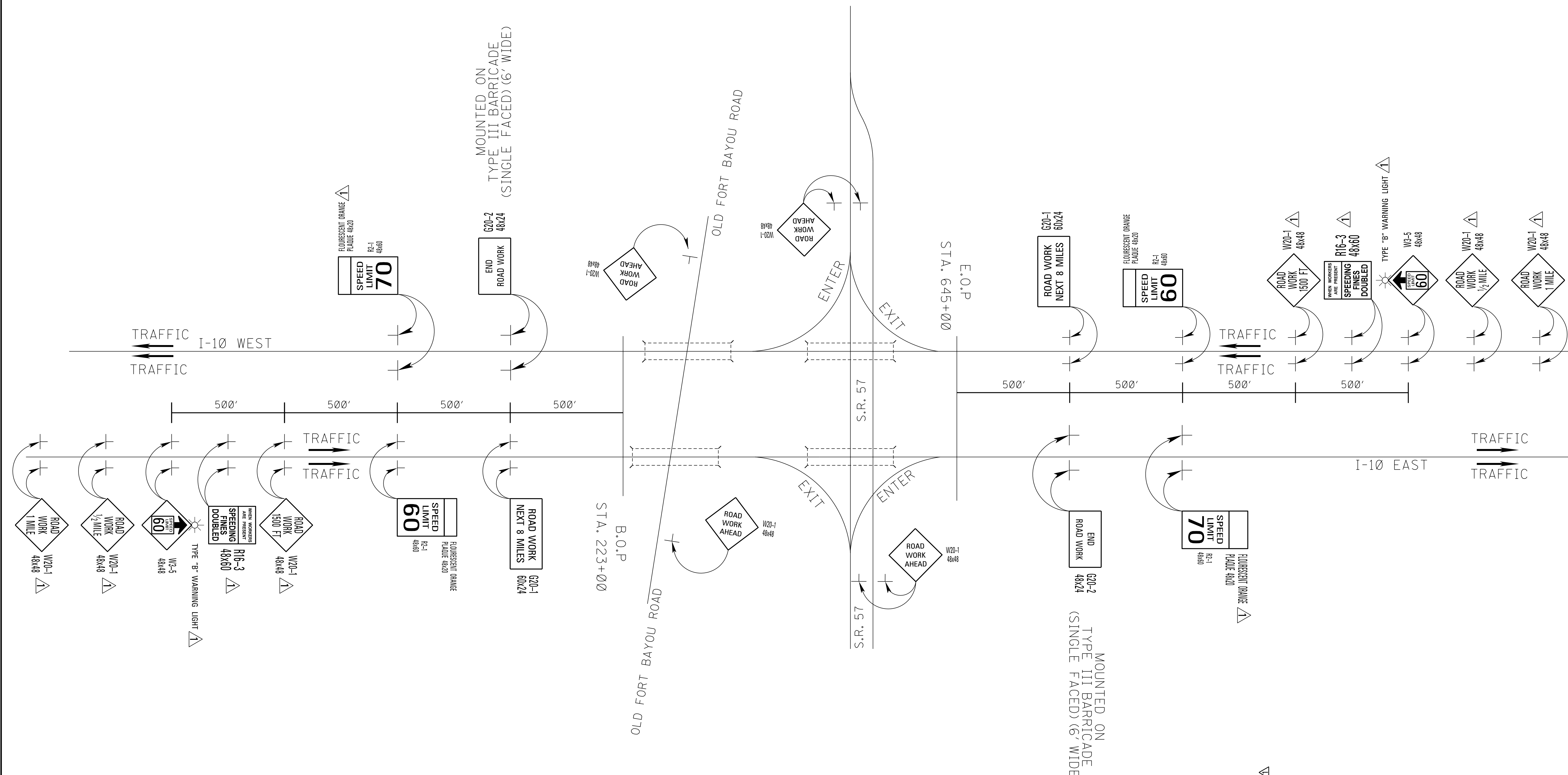
ESTIMATED EARTHWORK QUANTITIES								
WORK NO.	CUT	FILL	BORROW (B7-6)	BORROW (___)	UNCLASSIFIED EXCAVATION	EXCAVATION		REMARKS
						EXCESS	SURPLUS	
3	842	2376						
4	2618	6139						
5	3124	6970						
6	2976	8510						
7	3787	6528						
8	2946	13189	100*					*FOR SITE GRADING STATION 389+00 LT.
9	2634	8158						
10	2251	6151						
11	2321	7136						
12	2570	6437						
13	2966	8330						
14	2525	10248						
15	2399	16595						
16	1826	10131						
17	958	5468						
UNITS	CU. YDS.	CU. YDS.	CU. YDS.					
	36743	122366	100.0					
CUT = UNCLASSIFIED					36743.0			
FILL - (CUT/ 1+ S.F.) = BORROW								
122366 - (36743/1.5) =			97871.0					
	UNITS	CU. YDS.	CU. YDS.	CU. YDS.	CU. YDS.	CU. YDS.		
	TOTALS	97971.0	0.0	36743.0	0.0	0.0		

<table border="1"> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> </table>																	MISSISSIPPI DEPARTMENT OF TRANSPORTATION ESTIMATED QUANTITIES EARTHWORK & REMOVAL OF CONCRETE PAVEMENT	
PROJECT: NH-0010-01(136) COUNTY: JACKSON FILENAME: _____ DESIGN TEAM _____ CHECKED _____ DATE _____	WORKING NUMBER EQ-4 SHEET NUMBER 19																	

ADDENDUM

STATE	PROJECT NO.
MISS.	NH-0010-01(136)

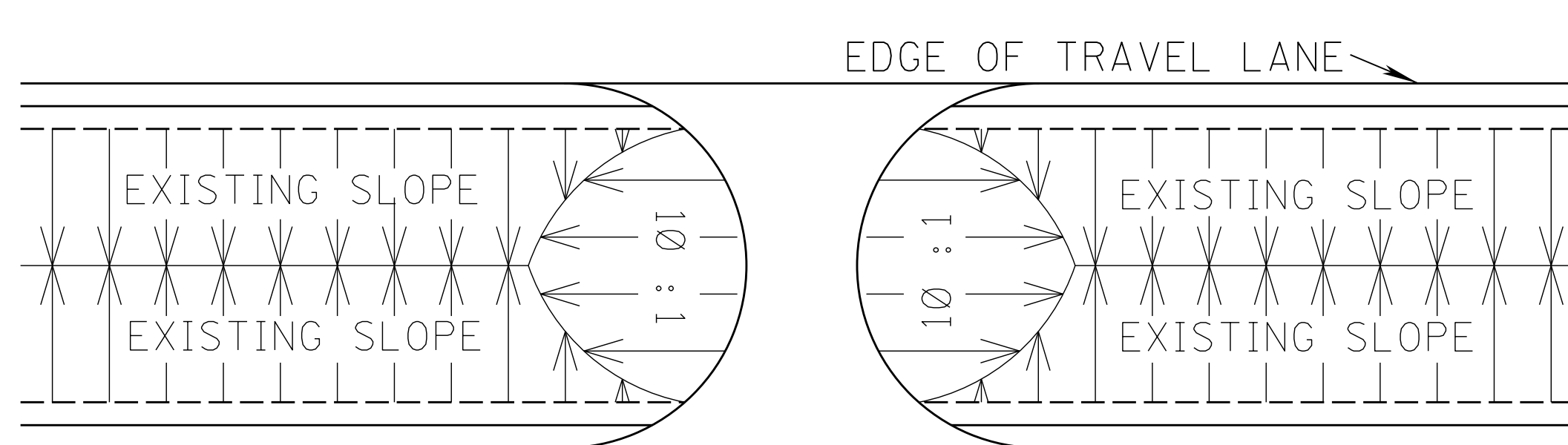
1/12/2016 08:48:44 CS-1.DGN



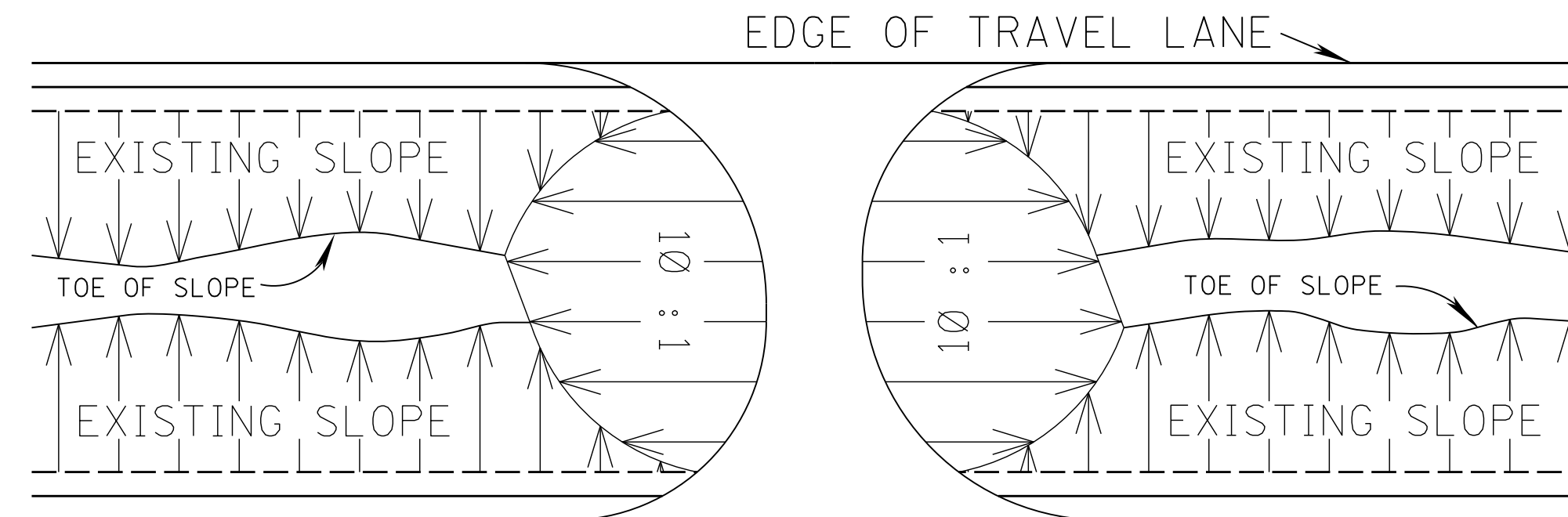
MISSISSIPPI DEPARTMENT OF TRANSPORTATION CONSTRUCTION SIGNING		
PROJECT: NH-0010-01(136) COUNTY: JACKSON		
FILENAME: CS-1.DGN		WORKING NUMBER CS-1
DESIGN TEAM _____ CHECKED _____ DATE _____		SHEET NUMBER 99

ADDENDUM

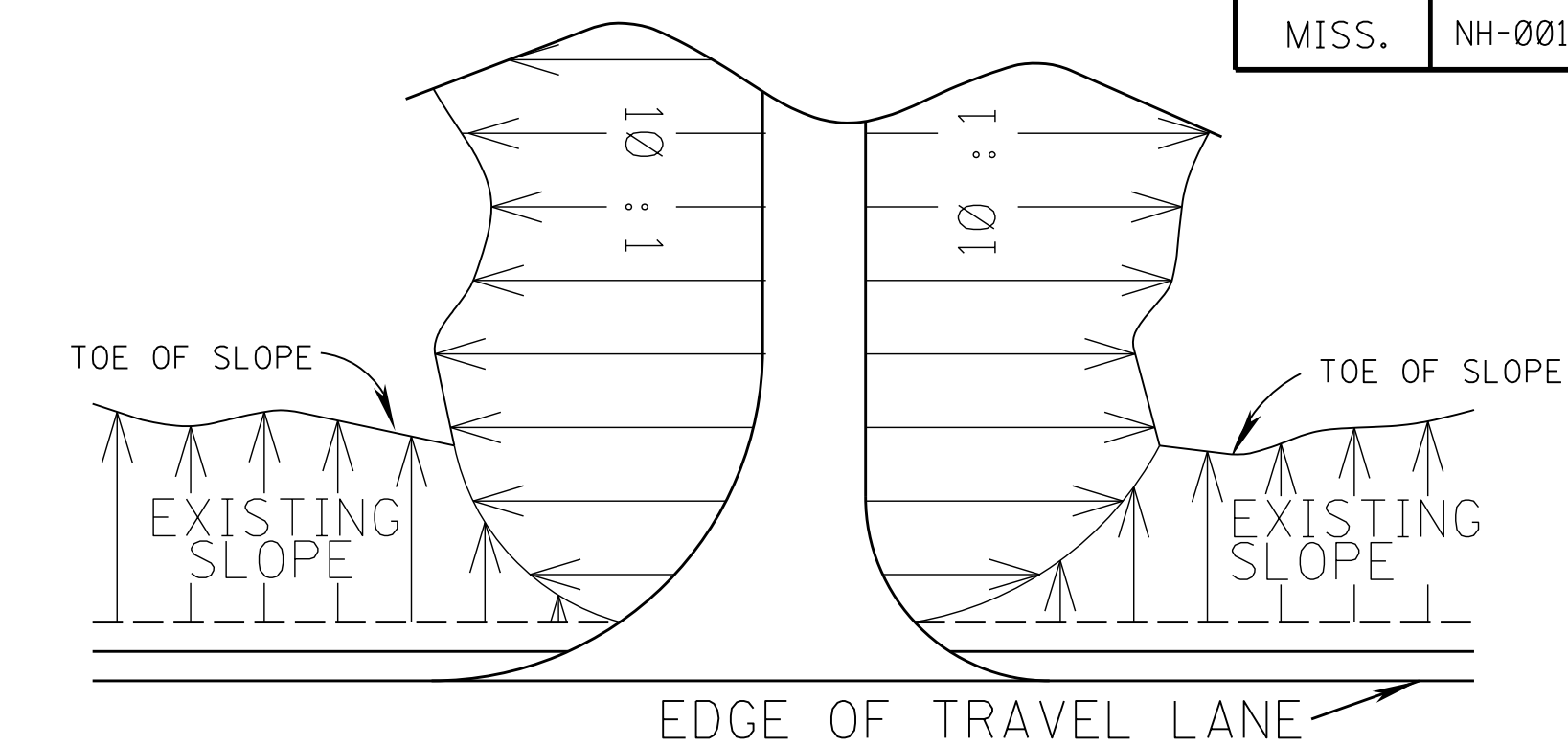
STATE	PROJECT NO.
MISS.	NH-0010-01(136)



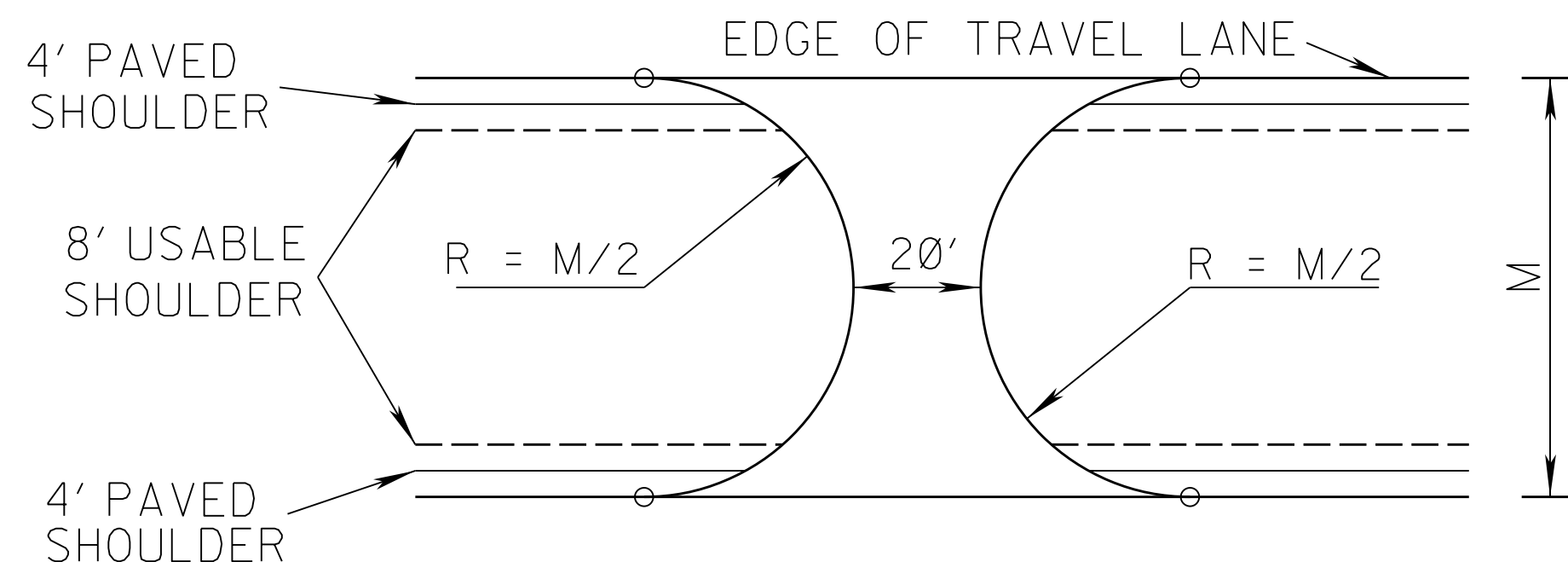
TYPICAL GRADING (40' - 64' MEDIANS)



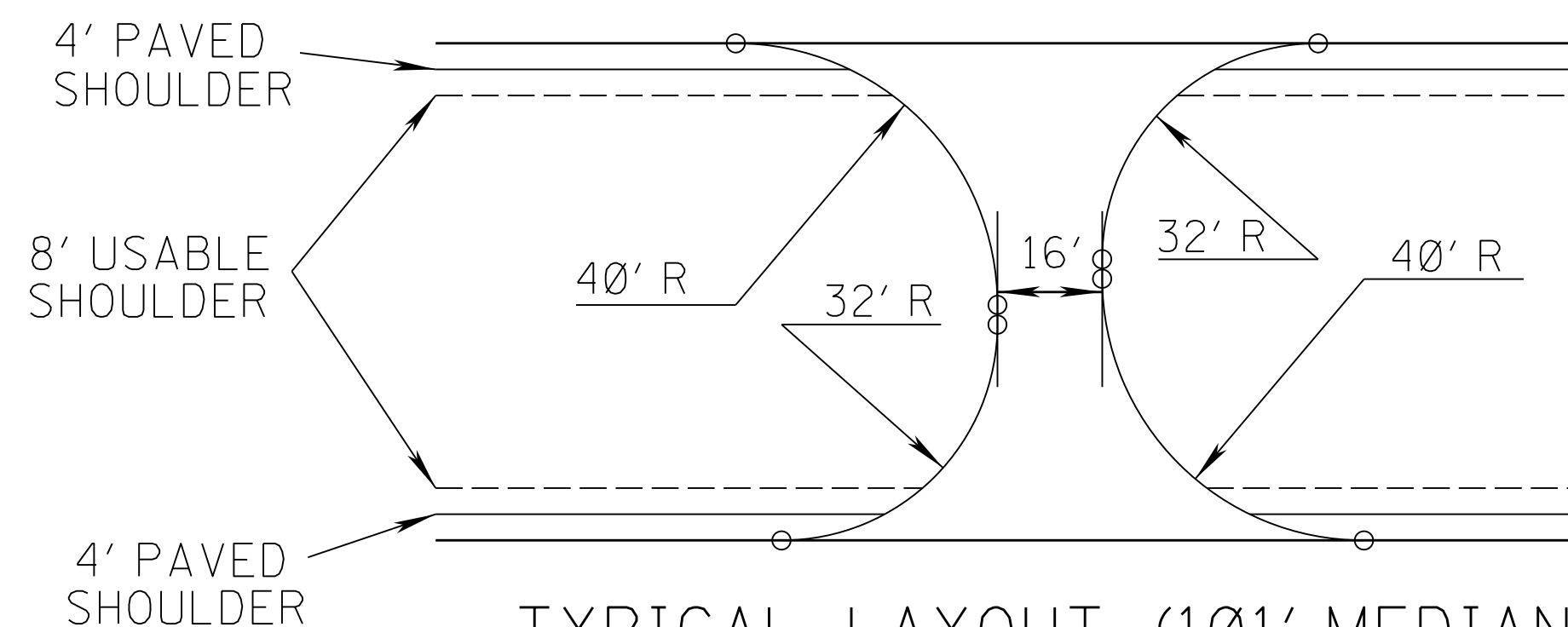
TYPICAL GRADING (101' MEDIANS)



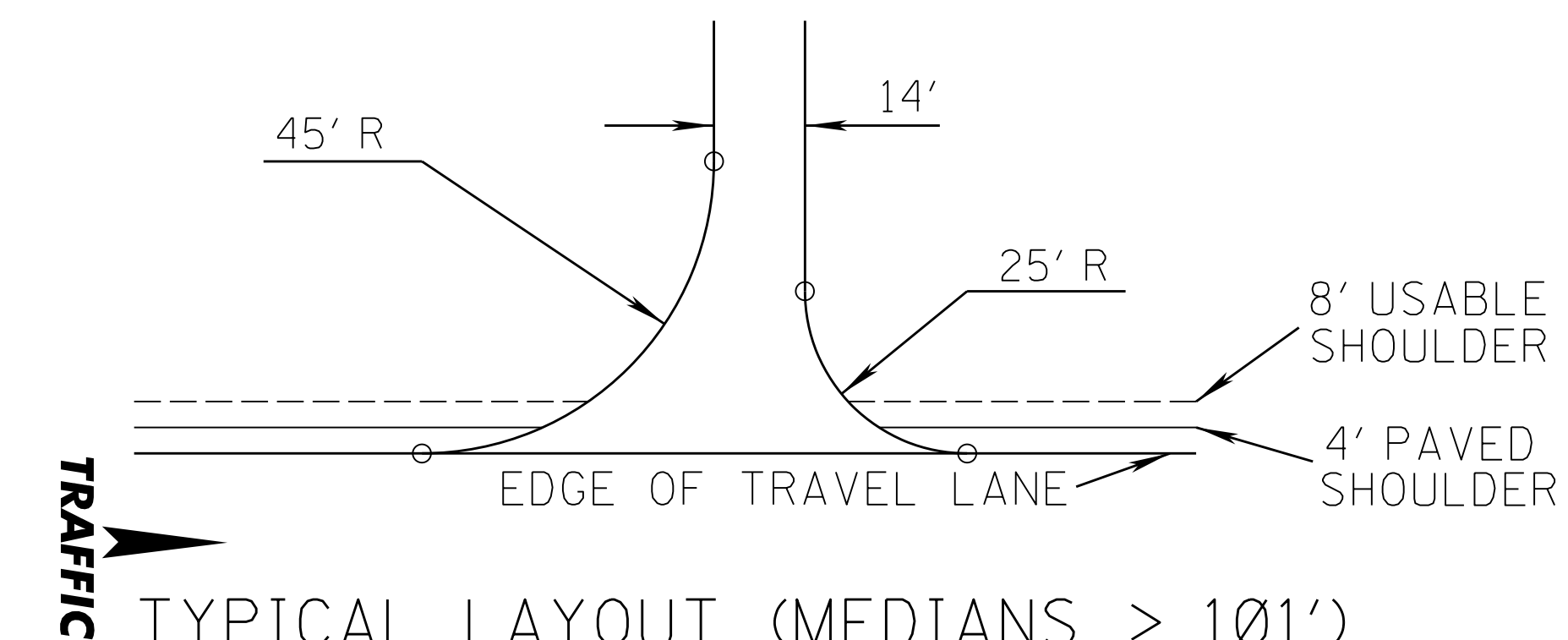
TYPICAL GRADING (MEDIANS > 101')



TYPICAL LAYOUT (40' - 64' MEDIANS)



TYPICAL LAYOUT (101' MEDIANS)

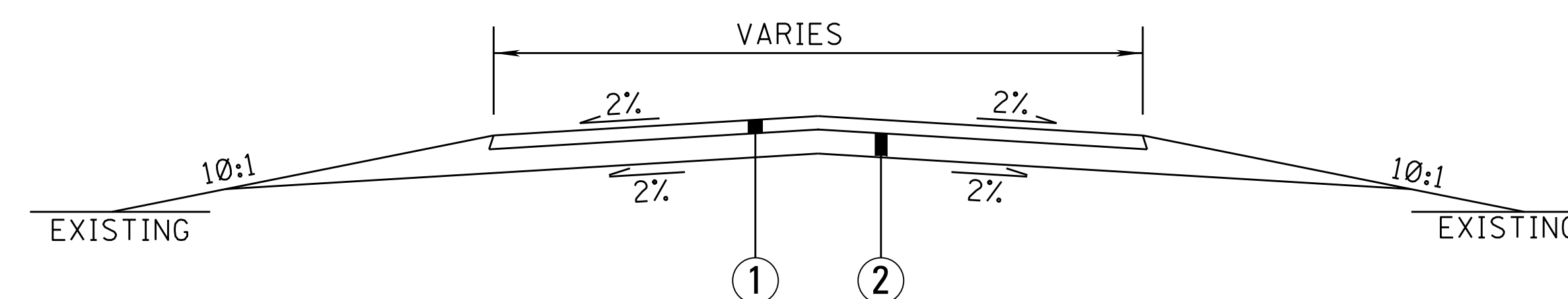


TYPICAL LAYOUT (MEDIANS > 101')

NOTES

IF EXISTING MAINLINE SIDE SLOPES ARE STEEPER THAN 4:1, SLOPES SHALL BE FLATTENED TO 6:1 FOR A DISTANCE OF 100 FEET ON BOTH SIDES OF THE CROSS OVER. THE SLOPES SHALL THEN BE TRANSITIONED BACK TO THE EXISTING SLOPE IN APPROXIMATELY 100'.

LOCATION OF THE EMERGENCY CROSS OVERS IS SHOWN ELSEWHERE IN THE PLANS, OR AS DIRECTED BY THE ENGINEER.



- ① 4" HOT MIX ASPHALT REQ'D (2 @ 2") (ASPHALT MIX. SHOWN ELSEWHERE ON THE PLANS)
- ② 6" & VARIABLE GRANULAR MATERIAL REQ'D (CLASS AND GROUP SHOWN ELSEWHERE ON THE PLANS)

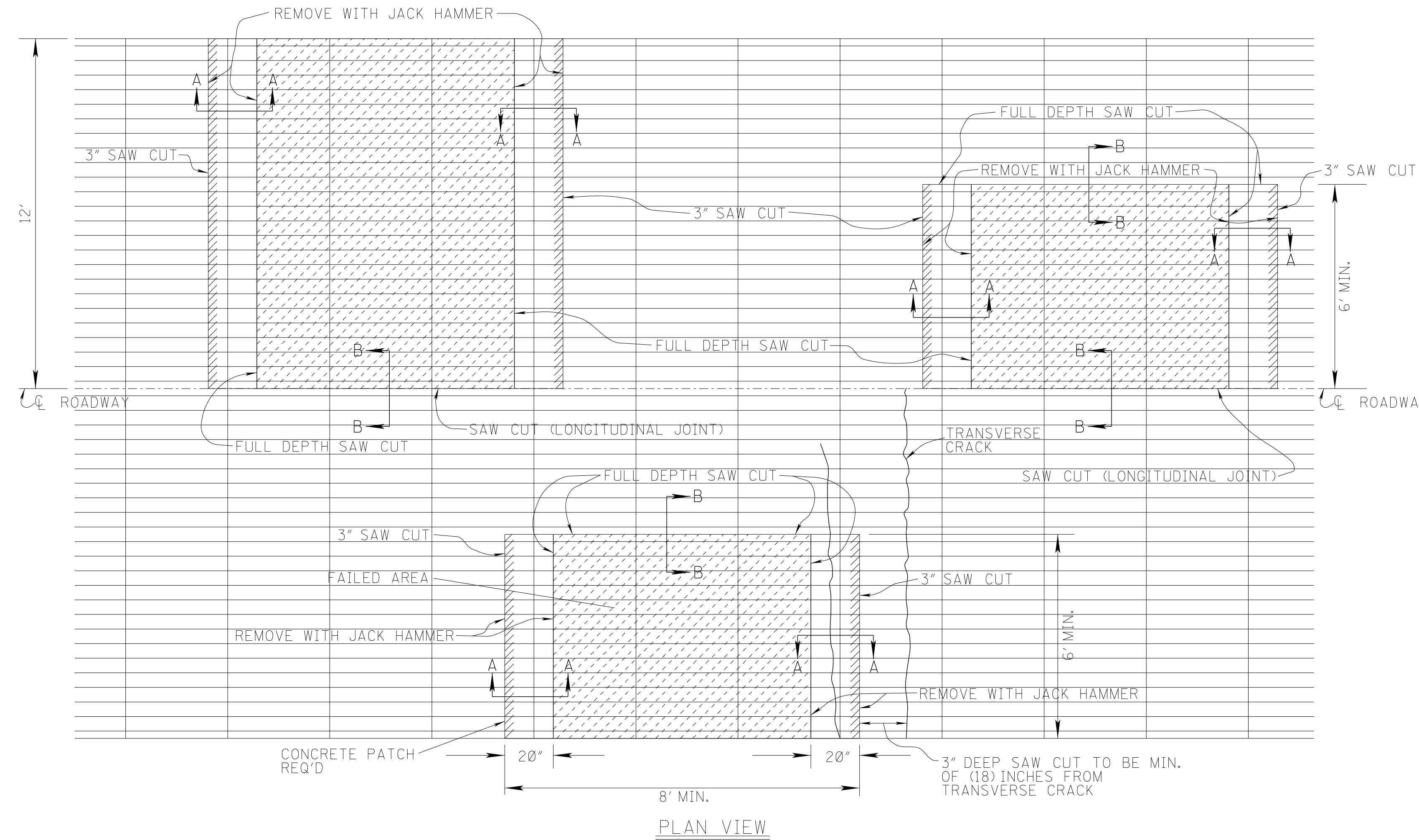
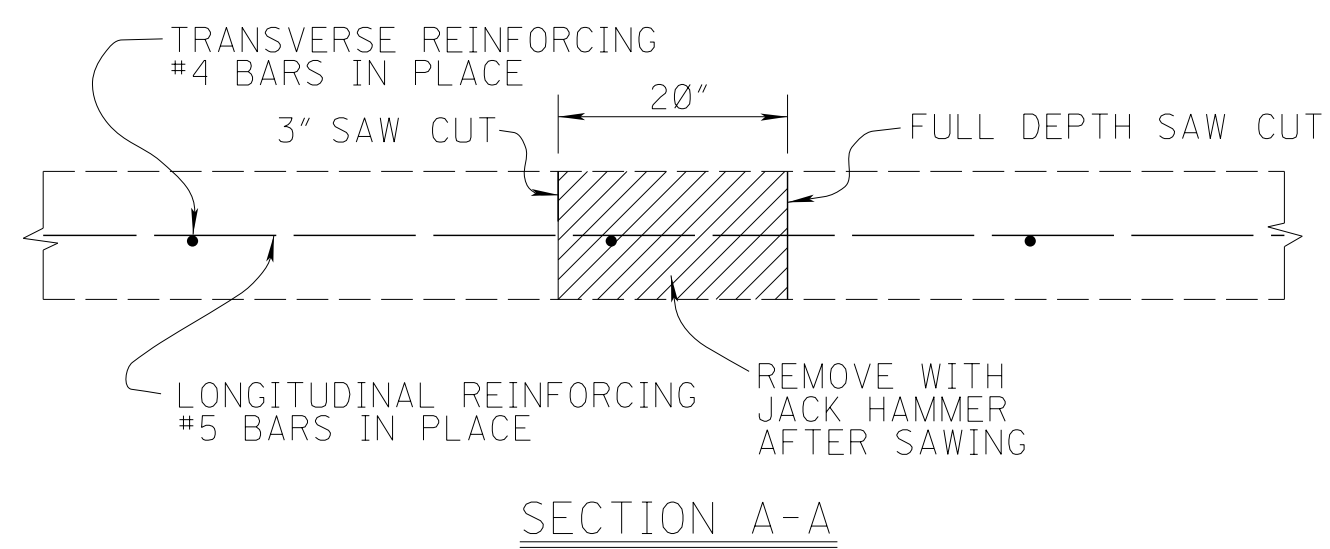
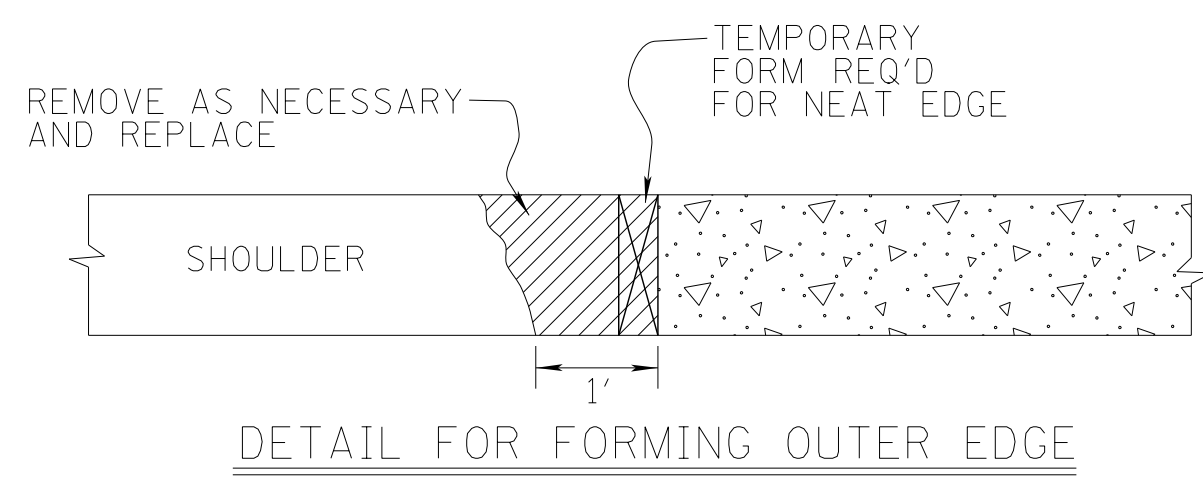
TYPICAL SECTION

1/7/2016 3:12 PM EMERGCOVER.DGN PLAN DIVISION MISSISSIPPI DEPARTMENT OF TRANSPORTATION

MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
EMERGENCY / OFFICIAL USE MEDIAN CROSSOVERS	
PROJECT: NH-0010-01(136)	
COUNTY: JACKSON	
FILENAME: EMERGCOVER.DGN	
DESIGN TEAM	CHECKED DATE
WORKING NUMBER EXO-1	SHEET NUMBER 141

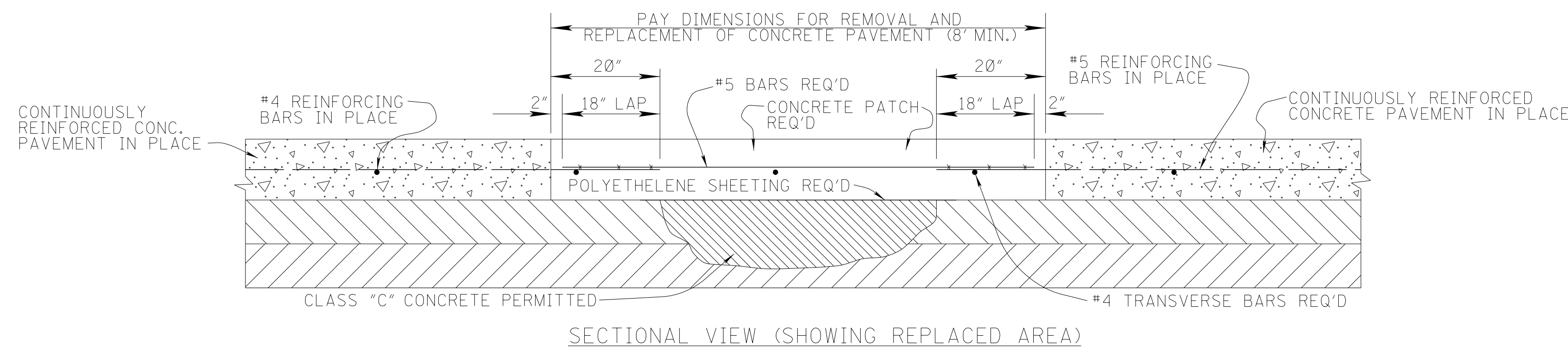
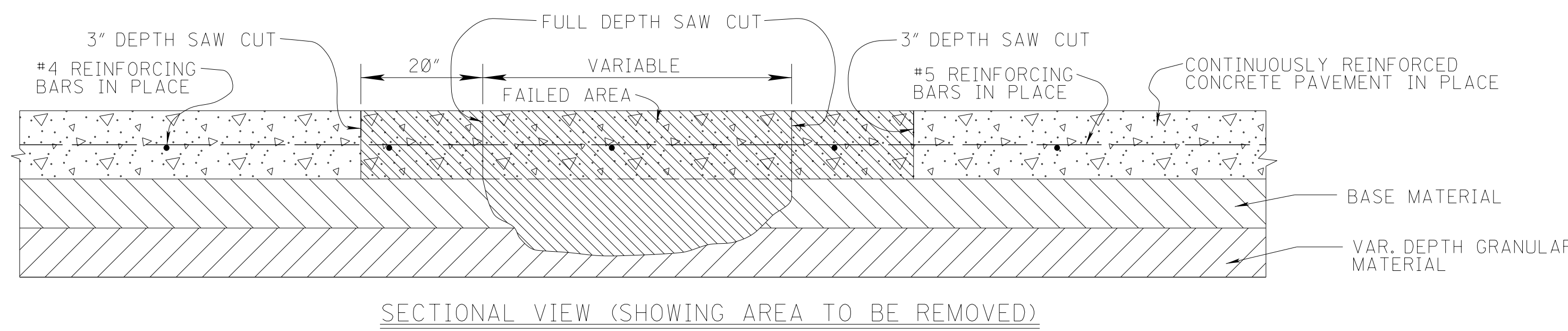
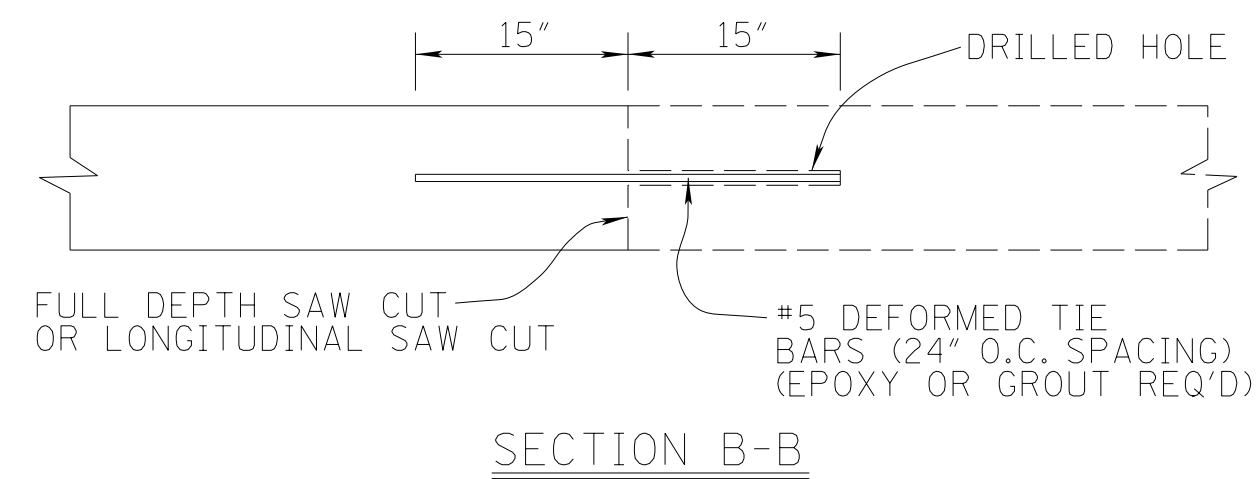
ADDENDUM

STATE	PROJECT NO.
MISS.	NH-0010-01(136)



GENERAL NOTES

1. REMOVE EXISTING MATERIALS TO DIMENSIONS DETERMINED BY THE ENGINEER.
2. REMOVAL OF ASPHALT PATCHES AND CONCRETE PAVEMENT WILL BE PAID FOR UNDER THE APPROPRIATE PAY ITEM.
3. REINFORCING BARS TO BE FIELD CUT AS DIRECTED BY THE ENGINEER. COST OF REQUIRED REINFORCING BARS TO BE INCLUDED IN THE BID PRICE OF CONCRETE PAVEMENT.
4. REMOVAL OF FAILED BASE (ABSORBED ITEM) BACKFILL WITH CLASS "C" CONCRETE (BASE REPAIR)
5. PAVEMENT EDGE ADJACENT TO SHOULDER SHALL BE FORMED.
6. SEE SHEET NO. 6101 FOR DETAILS NOT SHOWN.
7. POLYETHELENE SHEETING SHALL BE TWO (2) LAYERS OF 8 MIL THICKNESS. (ABSORBED ITEM)
8. REINFORCING BARS WILL BE SUPPORTED AS SHOWN ON SHEET NO. 6101.
9. ALL SAW CUTS (3" DEPTH, FULL DEPTH, AND LONGITUDINAL JOINT) WILL BE PAID FOR UNDER APPROPRIATE PAY ITEMS.
10. #5 DEFORMED TIE BARS (30 IN. LONG, @ 24 IN. O.C. SPACING) WILL BE PAID FOR UNDER APPROPRIATE PAY ITEM.

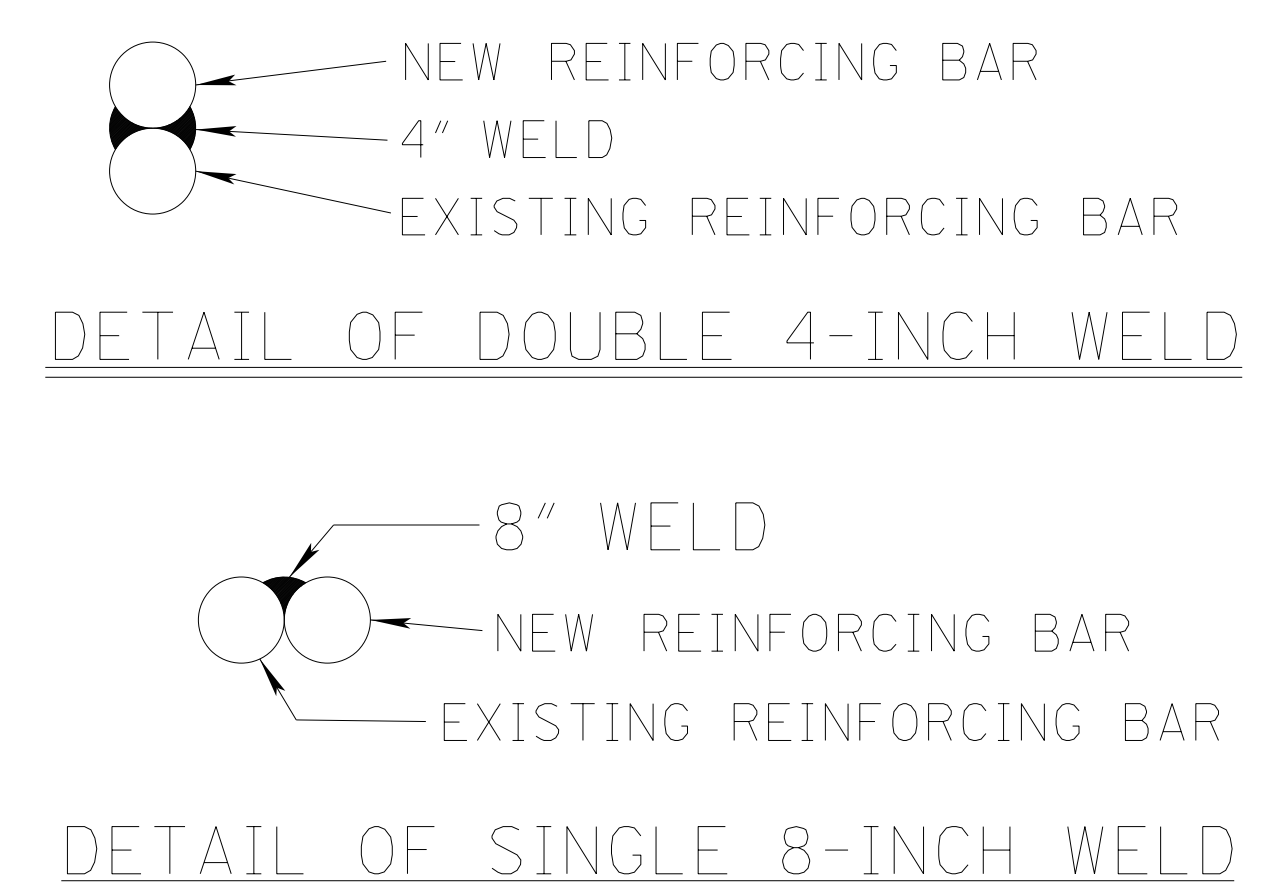
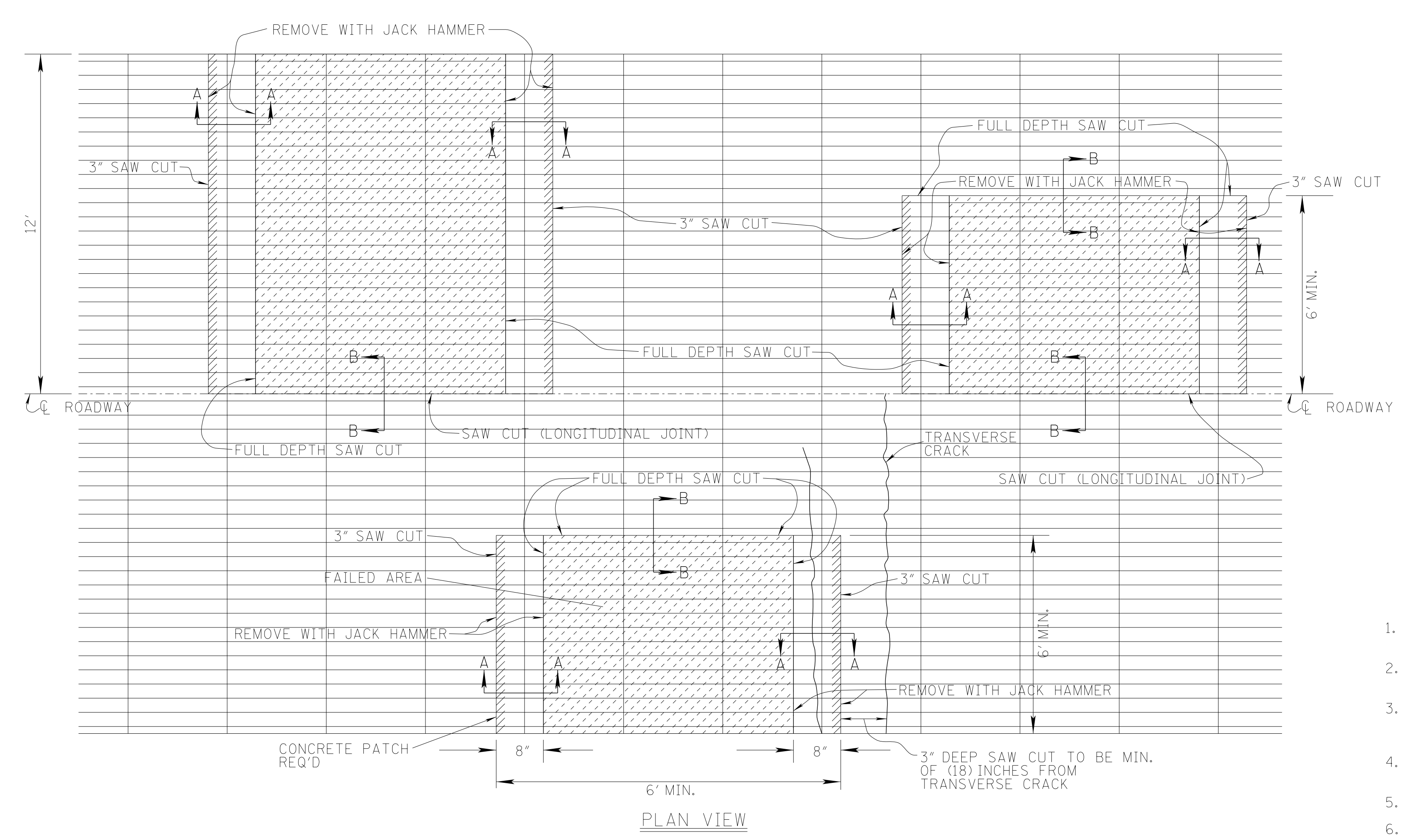
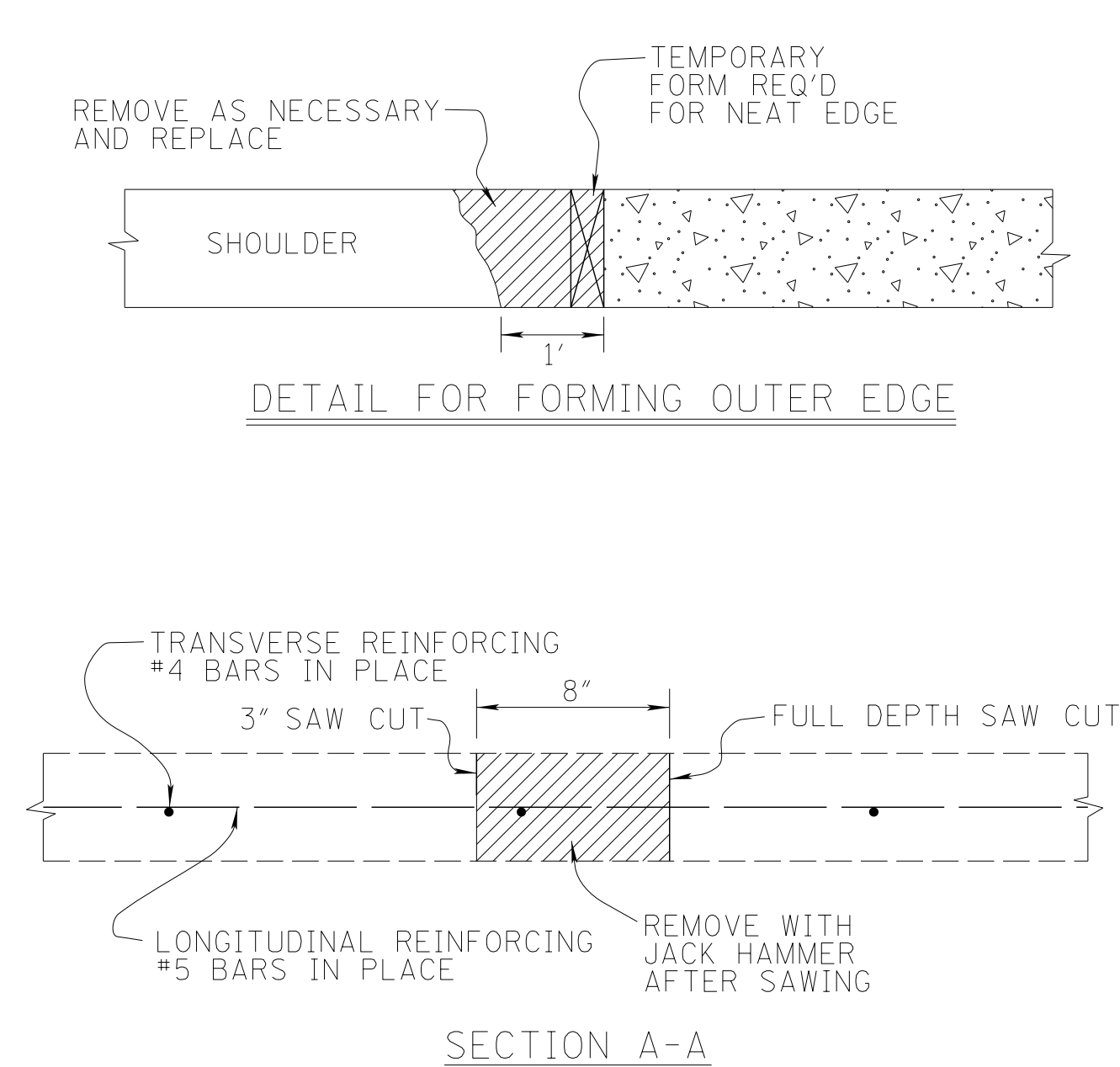


TWO		BY		MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
ADDED SHEET		REVISION		TYPICAL CRC PAVEMENT REPAIR	
DATE		DATE		PROJECT: NH-0010-01(136)	
DESIGN TEAM		CHECKED		COUNTY: JACKSON	
				FILENAME: PR-1A.DGN	
				WORKING NUMBER	
				PR-1A	
				SHEET NUMBER	
				142	

1/7/2016 3:12 PM PR-1A.DGN MISSISSIPPI DEPARTMENT OF TRANSPORTATION ROADWAY PLAN DIVISION

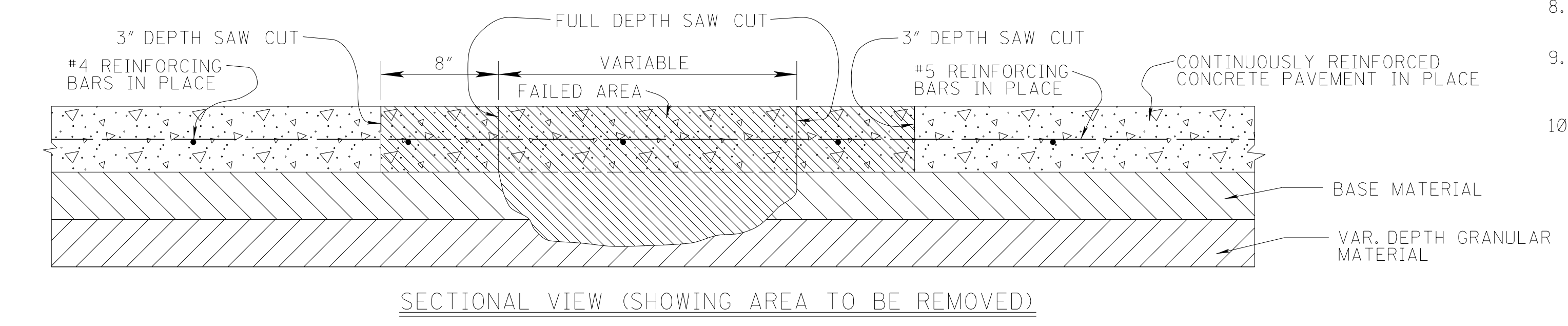
ADDENDUM

STATE	PROJECT NO.
MISS.	NH-0010-01(136)

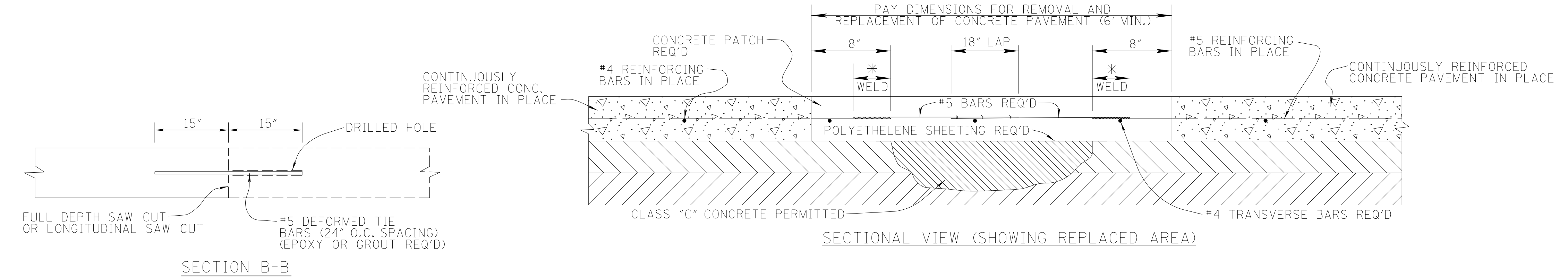


GENERAL NOTES

1. REMOVE EXISTING MATERIALS TO DIMENSIONS DETERMINED BY THE ENGINEER.
2. REMOVAL OF ASPHALT PATCHES AND CONCRETE PAVEMENT WILL BE PAID FOR UNDER THE APPROPRIATE PAY ITEM.
3. REINFORCING BARS TO BE FIELD CUT AS DIRECTED BY THE ENGINEER. COST OF REQUIRED REINFORCING BARS TO BE INCLUDED IN THE BID PRICE OF CONCRETE PAVEMENT.
4. REMOVAL OF FAILED BASE (ABSORBED ITEM) BACKFILL WITH CLASS "C" CONCRETE (BASE REPAIR)
5. PAVEMENT EDGE ADJACENT TO SHOULDER SHALL BE FORMED.
6. SEE SHEET NO. 6101 FOR DETAILS NOT SHOWN.
7. POLYETHELENE SHEETING SHALL BE TWO (2) LAYERS OF 8 MIL THICKNESS. (ABSORBED ITEM)
8. REINFORCING BARS WILL BE SUPPORTED AS SHOWN ON SHEET NO. 6101.
9. ALL SAW CUTS (3" DEPTH, FULL DEPTH, AND LONGITUDINAL JOINT) WILL BE PAID FOR UNDER APPROPRIATE PAY ITEMS.
10. #5 DEFORMED TIE BARS (30 IN. LONG, @ 24 IN. O.C. SPACING) WILL BE PAID FOR UNDER APPROPRIATE PAY ITEM.



* DOUBLE 4-INCH OR SINGLE 8-INCH WELD

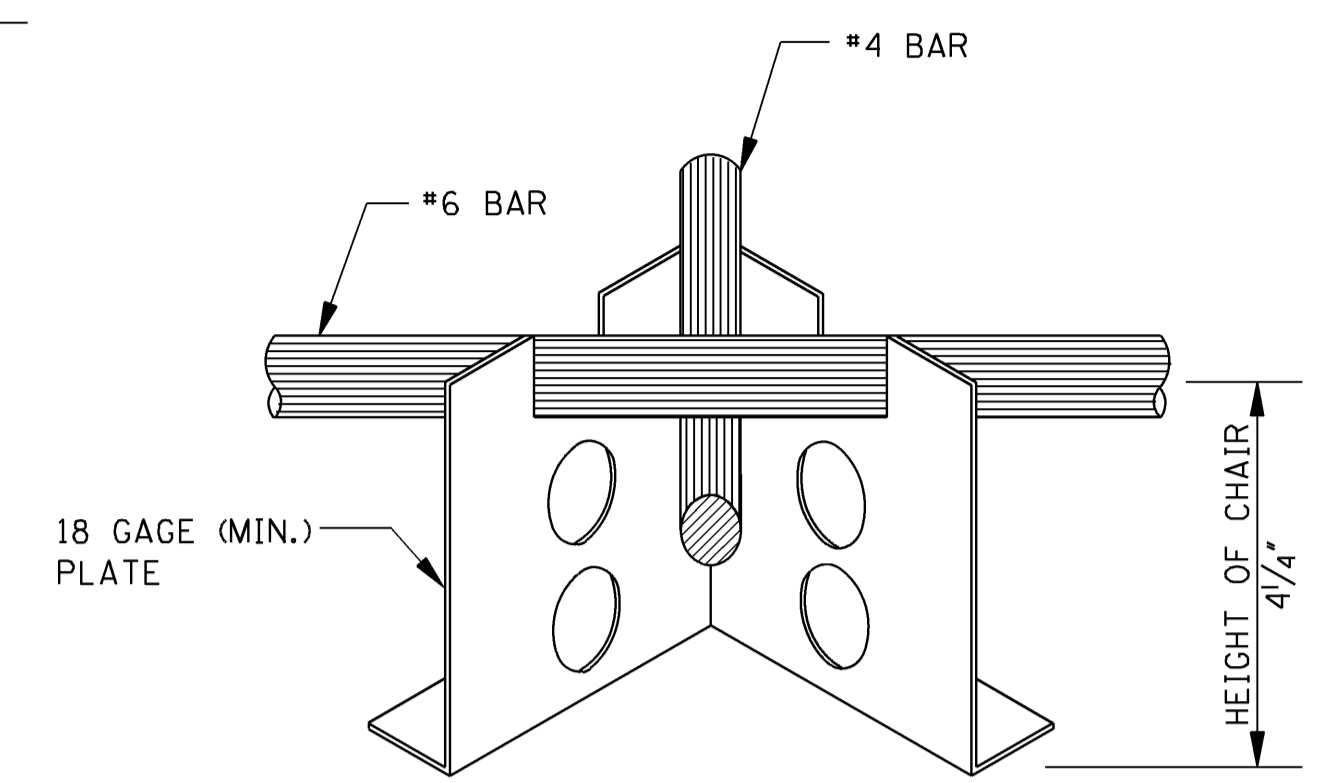
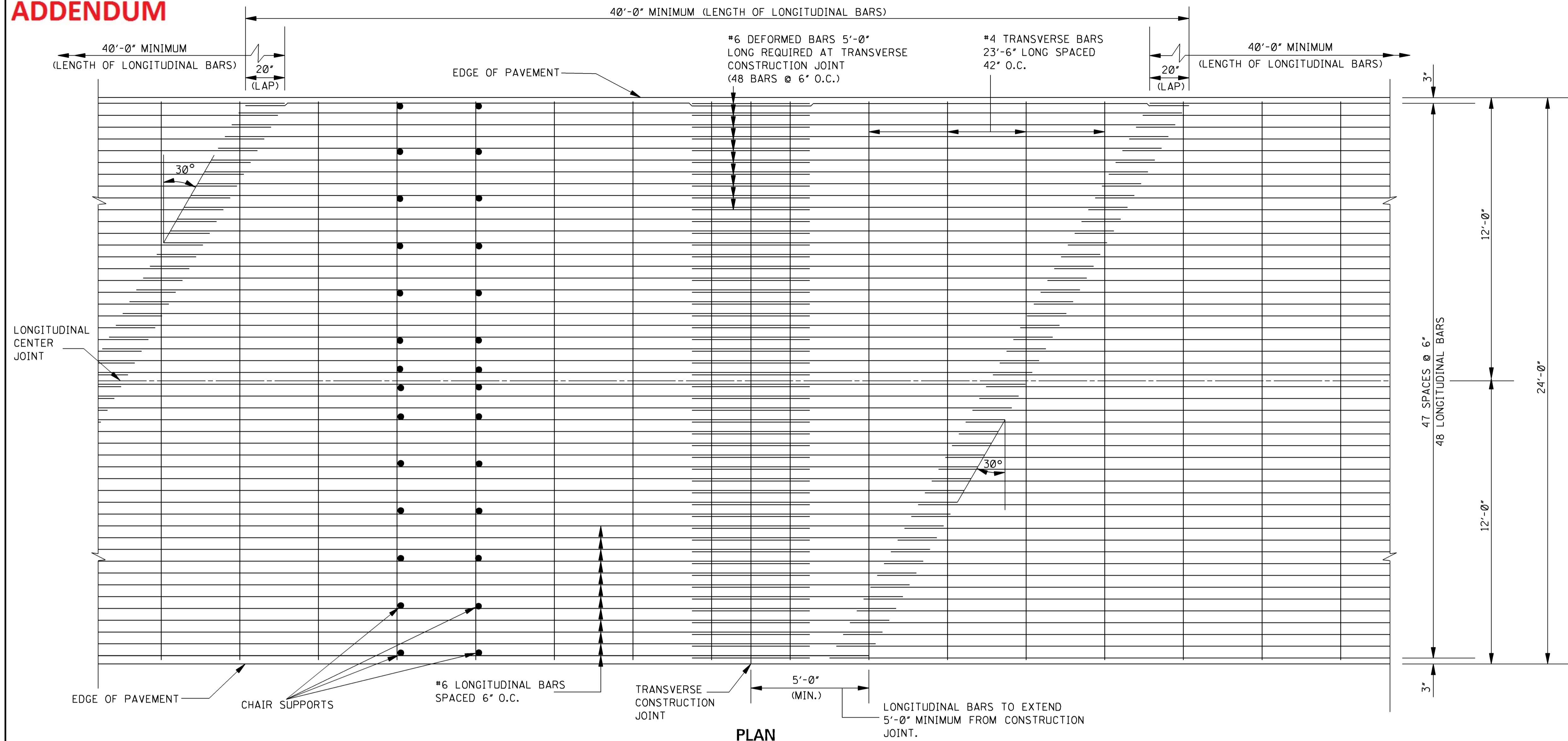


1/7/2016 3:12 PM PR-1B.DGN PLAN DIVISION MISSISSIPPI DEPARTMENT OF TRANSPORTATION

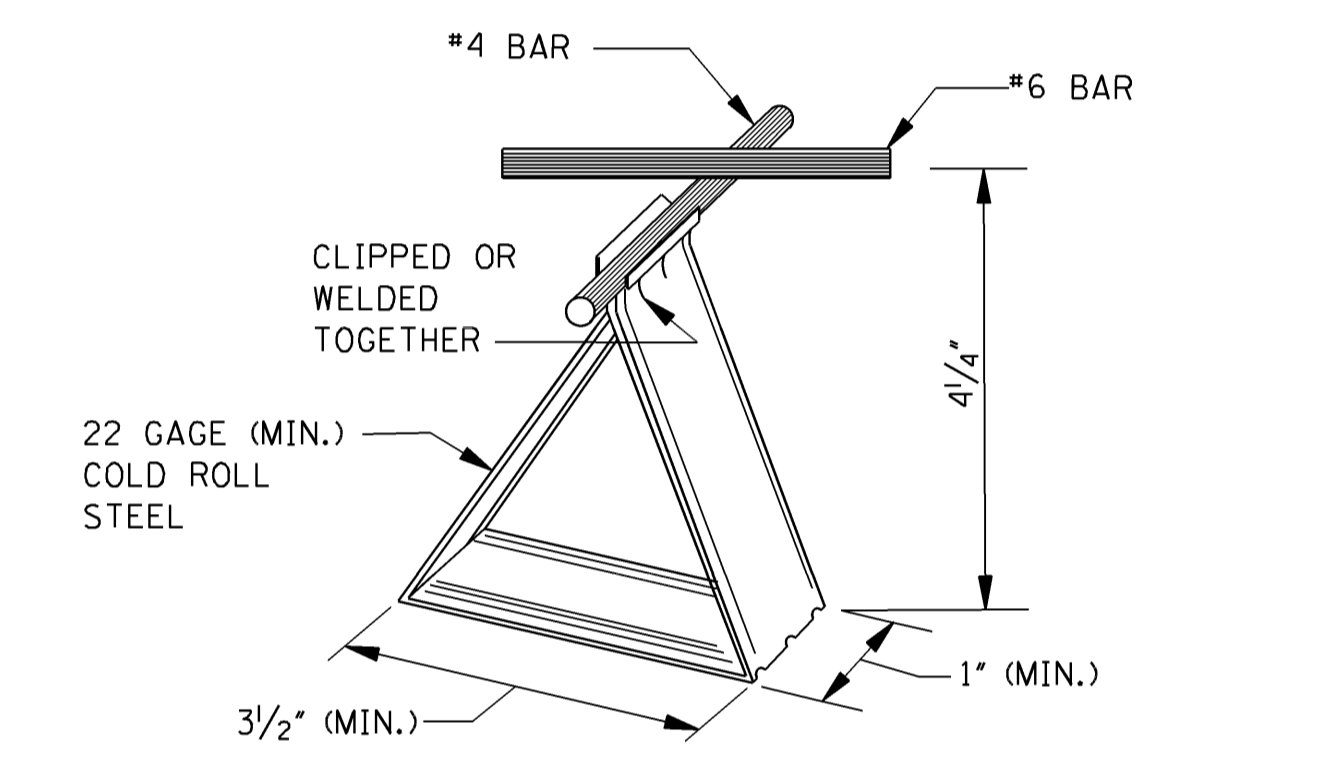
TWO SHEETS	BY	MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
		TYPICAL CRC PAVEMENT REPAIR	
REVISION	DATE	(OPTIONAL WELDING METHOD)	
		PROJECT: NH-0010-01(136)	
DATE	DATE	COUNTY: JACKSON	
		FILENAME: PR-1B.DGN	
DESIGN TEAM	CHECKED	WORKING NUMBER	
		PR-1B	
DATE		SHEET NUMBER	
DATE		143	

ADDENDUM

STATE	PROJECT NO.
MISS.	

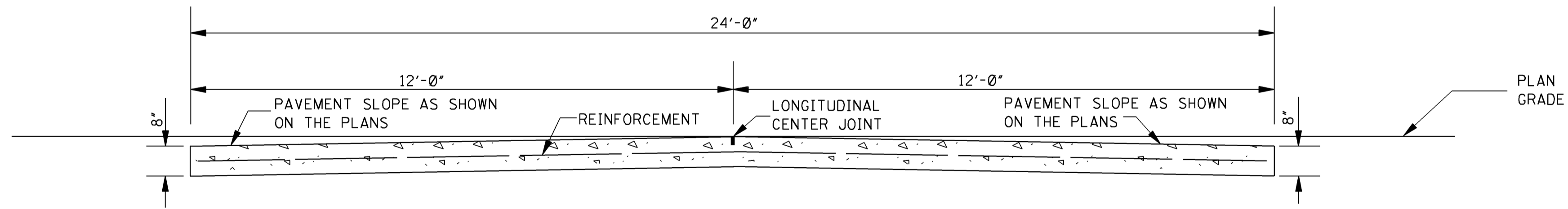


DETAILS OF CHAIR SUPPORT (OPTION I)

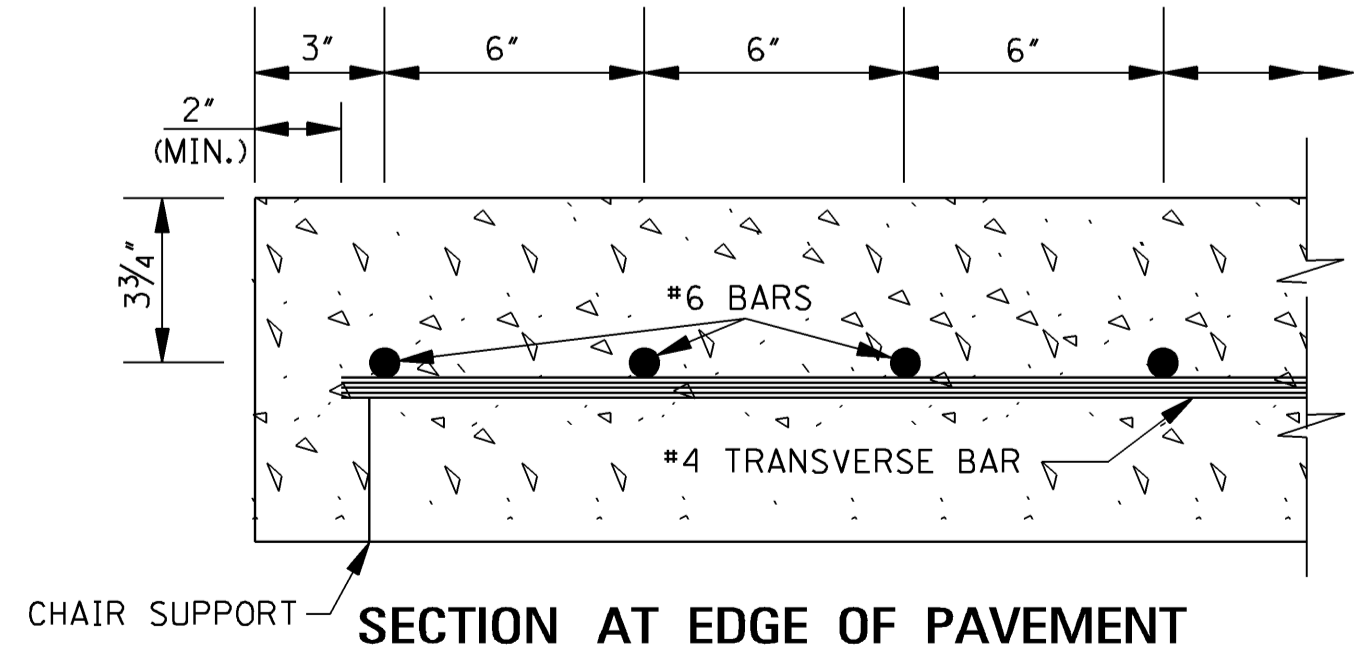


DETAIL OF CHAIR SUPPORT (OPTION II)

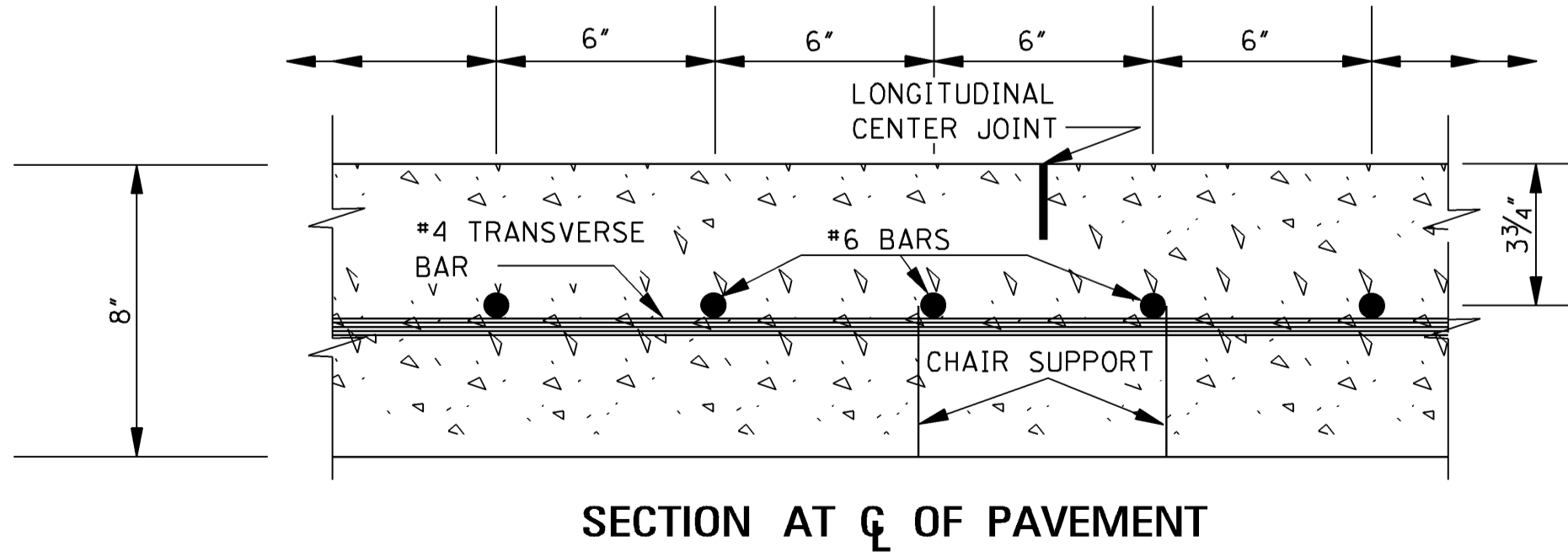
NOTE: FOR USE OF OTHER CHAIR SUPPORTS, SUBMIT DRAWINGS TO THE CONSTRUCTION ENGINEER FOR APPROVAL.



SECTION ACROSS 24'-0" WIDTH PAVEMENT (8" UNIFORM THICKNESS)



SECTION AT EDGE OF PAVEMENT



SECTION AT \bar{C} OF PAVEMENT

NOTE: LONGITUDINAL AND TRANSVERSE BARS SHALL BE SECURELY FASTENED TOGETHER BY ANY SATISFACTORY METHOD AT ALL EXTERIOR INTERSECTIONS AND AT NOT LESS THAN ALTERNATE INTERIOR INTERSECTIONS. WHERE LONGITUDINAL BARS ARE LAPPED, THE BARS SHALL BE DOUBLE FASTENED. THE 5'-0" LONG #6 BARS AT CONSTRUCTION JOINTS SHALL BE DOUBLE FASTENED TO ADJACENT BARS. ANY SATISFACTORY METHOD OR DEVICE FOR HOLDING THE BARS FIRMLY IN POSITION DURING THE PLACEMENT OF THE CONCRETE WILL BE ACCEPTABLE.

GENERAL NOTES:

1. THE LOT SIZE FOR CONFORMANCE DETERMINATION SHALL BE 1000' OF PAVEMENT IN EACH TRAFFIC LANE. CHAIR SPACINGS SHALL NOT BE GREATER THAN 42" CENTER TO CENTER (LONGITUDINAL) AND 24" (TRANSVERSE). ADDITIONAL CHAIRS SHALL BE USED IF NECESSARY TO MEET THE STEEL PLACEMENT REQUIREMENTS.

BY		MISSISSIPPI DEPARTMENT OF TRANSPORTATION ROADWAY DESIGN DIVISION STANDARD PLAN	
REVISION		CONTINUOUSLY REINFORCED CONCRETE PAVEMENT 24'-0" WIDE	
DATE		ISSUE DATE: OCTOBER 1, 1998	
			
		WORKING NUMBER CRP-1	
		SHEET NUMBER 6101	

ADDENDUM

STATE	PROJECT NO.
MISS.	NH-0010-01(136)

BRIDGE PLANS

DESCRIPTION OF SHEET

DETAILED INDEX (BRIDGE)	D1-BR	8001
SUMMARY OF QUANTITIES (BRIDGE)	S0-BR	8002
ESTIMATED QUANTITIES (BRIDGE)	EQ-BR	8003
BRIDGE AT STA. 384+88.35 LT. LN. BRIDGE AT STA. 382+68.96 RT. LN. I-10 OVER OLD FORT BAYOU ROAD		
GENERAL NOTES & ESTIMATED QUANTITIES	A1	8004
ELEVATION	A2	8005
FOUNDATION PLAN	A3	8006
PHASED TYPICAL SECTIONS	A4	8007
END BENT 1L (PHASE 1)	A5	8008
END BENT 1L (PHASE 1)	A6	8009
END BENT 4L (PHASE 1)	A7	8010
END BENT 4L (PHASE 1)	A8	8011
END BENT 1R (PHASE 1)	A9	8012
END BENT 1R (PHASE 1)	A10	8013
END BENT 4R (PHASE 1)	A11	8014
END BENT 4R (PHASE 1)	A12	8015
END BENT DETAILS (PHASE 1)	A13	8016
INT. BENTS 2L & 3L (PHASE 1)	A14	8017
INT. BENTS 2L & 3L (PHASE 1)	A15	8018
INT. BENTS 2R & 3R (PHASE 1)	A16	8019
INT. BENTS 2R & 3R (PHASE 1)	A17	8020
SPAN DETAILS (LT. LN., PHASE 1)	A18	8021
TYPICAL SPAN DETAILS (LT. LN., PHASE 1)	A19	8022
PLAN OF SPAN 1L CONCRETE (PHASE 1)	A20	8023
PLAN OF SPAN 1L REINFORCING (PHASE 1)	A21	8024
PLAN OF SPAN 2L CONCRETE (PHASE 1)	A22	8025
PLAN OF SPAN 2L REINFORCING (PHASE 1)	A23	8026
PLAN OF SPAN 3L CONCRETE (PHASE 1)	A24	8027
PLAN OF SPAN 3L REINFORCING (PHASE 1)	A25	8028
SPAN DETAILS (RT. LN., PHASE 1)	A26	8029
TYPICAL SPAN DETAILS (RT. LN., PHASE 1)	A27	8030
PLAN OF SPAN 1R CONCRETE (PHASE 1)	A28	8031
PLAN OF SPAN 1R REINFORCING (PHASE 1)	A29	8032
PLAN OF SPAN 2R CONCRETE (PHASE 1)	A30	8033
PLAN OF SPAN 2R REINFORCING (PHASE 1)	A31	8034
PLAN OF SPAN 3R CONCRETE (PHASE 1)	A32	8035
PLAN OF SPAN 3R REINFORCING (PHASE 1)	A33	8036
MISCELLANEOUS SPAN DETAILS	A34	8037
JOINT REPAIR (PHASE 2 & 3), SLIDING PLATE	A35	8038
EXPANSION JOINTS		
RAILING DETAILS	A36	8039
75 FT. P/S CONC. BEAM DETAILS, AASHTO TYPE IV	A37	8040
75 FT. P/S CONC. BEAM DETAILS, AASHTO TYPE IV	A38	8041
110 FT. P/S CONC. BEAM DETAILS, AASHTO TYPE IV	A39	8042
PRESTRESSED CONCRETE PILE	A40	8043
SOIL BORING LOGS	A41	8044
SOIL BORING LOGS	A42	8045
SOIL BORING LOGS	A43	8046
SOIL BORING LOGS	A44	8047
SOIL BORING LOGS	A45	8048

INFORMATION PLANS

DESCRIPTION OF SHEET

EXISTING BRIDGE INFORMATION 1	A46	8049
EXISTING BRIDGE INFORMATION 2	A47	8050

WKG. SH.
NO. NO.

DESCRIPTION OF SHEET

BRIDGE AT STA. 578+28.42 LT. LN. BRIDGE AT STA. 578+86.00 RT. LN. I-10 ACROSS OLD FORT BAYOU		
GENERAL NOTES & EST. QUANTITIES	B1	8051
ELEVATION	B2	8052
FOUNDATION PLAN	B3	8053
PHASED TYPICAL SECTIONS	B4	8054
PHASED TYPICAL SECTIONS	B5	8055
END BENT 1L (PHASE 1)	B6	8056
END BENT 8L (PHASE 1)	B7	8057
END BENT 1R (PHASE 1)	B8	8058
END BENT 8R (PHASE 1)	B9	8059
END BENT DETAILS (PHASE 1)	B10	8060
INT. BENTS 2L, 3L, 6L, 7L, 2R, 3R, 6R & 7R (PHASE 1)	B11	8061
INT. BENTS 4L & 5R (PHASE 1)	B12	8062
INT. BENTS 4R & 5L (PHASE 1)	B13	8063
40' SPAN DETAILS (LT. LN., PHASE 1))	B14	8064
40' SPAN DETAILS (RT. LN., PHASE 1))	B15	8065
40' SPAN DETAILS (PHASE 1)	B16	8066
PLAN OF SPANS 1L, 2L, 3L, 5L, 6L & 7L (PHASE 1)	B17	8067
PLAN OF SPANS 1R, 2R, 3R, 5R, 6R & 7R (PHASE 1)	B18	8068
80' SPAN DETAILS (PHASE 1)	B19	8069
80' SPAN DETAILS (PHASE 1)	B20	8070
PLAN OF SPAN 4L (PHASE 1)	B21	8071
PLAN OF SPAN 4R (PHASE 1)	B22	8072
MISCELLANEOUS SPAN DETAILS	B23	8073
RAILING DETAILS	B24	8074
40 FT. P/S CONC. BEAM DETAILS, AASHTO TYPE I+2	B25	8075
80 FT. P/S CONC. BEAM DETAILS, AASHTO TYPE III	B26	8076
PRESTRESSED CONCRETE PILES	B27	8077
SOIL BORING LOGS	B28	8078
SOIL BORING LOGS	B29	8079
SOIL BORING LOGS	B30	8080
SOIL BORING LOGS	B31	8081
EROSION CONTROL PLAN	B32	8082
EROSION CONTROL PLAN	B33	8083

INFORMATION PLANS

DESCRIPTION OF SHEET

EXISTING BRIDGE INFORMATION 1	B34	8084
EXISTING BRIDGE INFORMATION 2	B35	8085

WKG. SH.
NO. NO.

DESCRIPTION OF SHEET

BRIDGE AT STA. 592+73.29 LT. LN. BRIDGE AT STA. 593+53.04 RT. LN. I-10 OVER S.R. 57		
GENERAL NOTES & ESTIMATED QUANTITIES	C1	8086
ELEVATION	C2	8087
FOUNDATION PLAN	C3	8088
PHASED TYPICAL SECTIONS	C4	8089
END BENTS 1R & 5L (PHASE 1)	C5	8090
END BENTS 1L & 5R (PHASE 1)	C6	8091
END BENT DETAILS (PHASE 1)	C7	8092
INT. BENTS 3L & 3R (PHASE 1)	C8	8093
INT. BENTS 2L & 2R (PHASE 1)	C9	8094
INT. BENTS 4L & 4R (PHASE 1)	C10	8095
75' SPAN DETAILS (LT. LN., PHASE 1))	C11	8096
PLAN OF SPANS 1L & 4R (PHASE 1)	C12	8097
PLAN OF SPANS 1R & 4L (PHASE 1)	C13	8098
89' SPAN DETAILS (LT. LN., PHASE 1))	C14	8099
PLAN OF SPANS 2L, 3L, 2R & 3R (PHASE 1)	C15	8100
MISCELLANEOUS SPAN DETAILS	C16	8101
JOINT REPAIR (PHASE 2 & 3), SILICONE SEALED	C17	8102
EXPANSION JOINTS		
RAILING DETAILS	C18	8103
75 FT. P/S CONC. BEAM DETAILS, AASHTO TYPE III (MODIFIED)	C19	8104
89 FT. P/S CONC. BEAM DETAILS, AASHTO TYPE III (MODIFIED)	C20	8105
PRESTRESSED CONCRETE PILES	C21	8106
SOIL BORING LOGS	C22	8107
SOIL BORING LOGS	C23	8108
SOIL BORING LOGS	C24	8109

INFORMATION PLANS

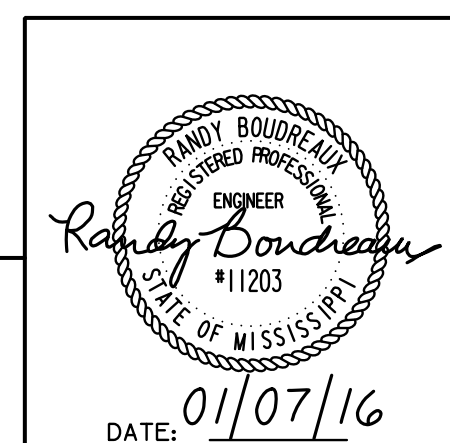
DESCRIPTION OF SHEET

EXISTING BRIDGE INFORMATION 1	C25	8110
EXISTING BRIDGE INFORMATION 2	C26	8111

WKG. SH.
NO. NO.

BRIDGE DIVISION REVISIONS		
DATE	SHEET NO.	BY
01-07-16	8002,8003,8004	RJB
	8006,8051,8083	
	8086,8087	

FILE: S: Projects\8790.004 I-10 Bridge Widening Drawings-Final Index & Quantities 5hts 8790-000.1-DI-BR.dgn
DATE: 1/13/2016 TIME: 8:56:24 AM USER: RJB



MISSISSIPPI DEPARTMENT OF TRANSPORTATION I-10 FROM SR 609 TO SR 57	
DETAILED INDEX (BRIDGE)	
PROJECT	NH-0010-01(136) 101204/303000
JACKSON COUNTY	WORKING NUMBER DI-BR
DESIGNER <u>Randy Boudreau, P.E.</u>	CHECKER <u>full name</u>
DATE <u>01/07/16</u>	ISSUE DATE <u>mm/dd/yyyy</u>
DIRECTOR OF STRUCTURES, STATE BRIDGE ENGINEER - NICK J. ALTOPELLI PE. DEP. DIRECTOR OF STRUCTURES, ASSIST. STATE BRIDGE ENGINEER - JUSTIN WALKER PE.	
SHEET NUMBER 8001	

ADDENDUM

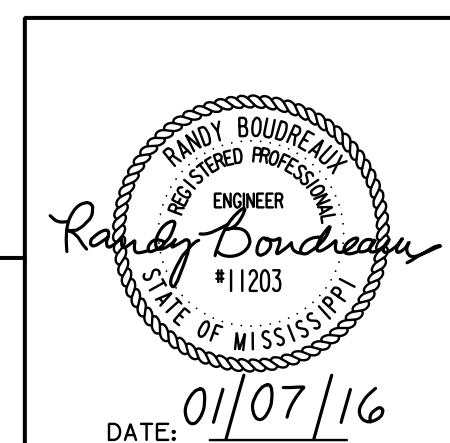
STATE	PROJECT NO.
MISS.	NH-0010-01(136)

BRIDGE SUMMARY

QUANTITIES

<u>PAY ITEM NO.</u>	<u>PAY ITEM</u>	<u>UNIT</u>	<u>PRELIMINARY</u>	<u>FINAL</u>
202-B036	Removal Of Concrete Slope Paving	S.Y.	308	
202-B122	Removal Of Bridge Deck, Curb & Railing	S.Y.	878	
202-B273	Removal Of Bridge Footing	EA	24	
801-A001	Foundation Excavation For Bridges	CY	247	
803-B002	Conventional Static Pile Load Test	EA	3	
803-C002	14" x 14" Prestressed Concrete Piling	LF	9,110	
803-C003	16" x 16" Prestressed Concrete Piling	LF	1,980	
803-C004	18" x 18" Prestressed Concrete Piling	LF	1,870	
803-F009	20" Pre-Formed Pile Holes	LF	715	
△ 803-I002	PDA Test Pile, Concrete Pile	EA	10	
803-J001	Pile Restrike	EA	10	
907-803-K001	Drilled Shaft, 48" Diameter	LF	860	
907-803-M001	Trial Shaft, 48" Diameter	LF	75	
803-N001	Exploration	LF	240	
803-0008	Temporary Casing (48" Diameter)	LF	360	
△ 907-804-A018	Bridge Concrete, Substructure, Class "AA"	CY	775	
△ 907-804-A019	Bridge Concrete, Superstructure, Class "AA"	CY	1,179	
907-804-C016	40 Ft. Prestressed Concrete Beam Type I+2	LF	1,431	
907-804-C030	80 Ft. Prestressed Concrete Beam Type III	LF	479	
907-804-C148	75 Ft. Prestressed Concrete Beam Type IV	LF	1,191	
907-804-C150	110 Ft. Prestressed Concrete Beam Type IV	LF	874	
907-804-C154	75 Ft. Prestressed Concrete Beam Type III (Mod.)	LF	897	
907-804-C268	89 Ft. Prestressed Concrete Beam Type III (Mod.)	LF	1,420	
805-A001	Reinforcement	LBS	404,020	
813-A002	Concrete Railing, 32"	LF	3,512	
815-A009	Loose Riprap, Size 300	TON	2,622	
815-D001	Concrete Slope Paving	CY	187	
815-E001	Geotextile Under Riprap	S.Y.	5,874	
907-824-PP001	Bridge Repair, Joint Repair, Per Plans	LS	1	

FILE: S: Projects 8790.004 I-10 Bridge Widening Drawings Final Index & Quantities 5hts 8790-000.2-50-BR.dgn
DATE: 1/13/2016 TIME: 8:56:13 AM USER: RJB



Revised pay item name & number	BY	MISSISSIPPI DEPARTMENT OF TRANSPORTATION I-10 FROM SR 609 TO SR 57 SUMMARY OF QUANTITIES (BRIDGE) PROJECT NH-0010-01(136) 101204/303000 JACKSON COUNTY	WORKING NUMBER
DATE	REVISIONS		SQ-BR
DESIGNER Randy Boudreaux, P.E.	CHECKER full name	DIRECTOR OF STRUCTURES, STATE BRIDGE ENGINEER - NICK J. ALTABELLI PE.	SHEET NUMBER
DATE 01/07/16	ISSUE DATE mm/dd/yyyy	DEP. DIRECTOR OF STRUCTURES, ASSIST. STATE BRIDGE ENGINEER - JUSTIN WALKER PE.	8002

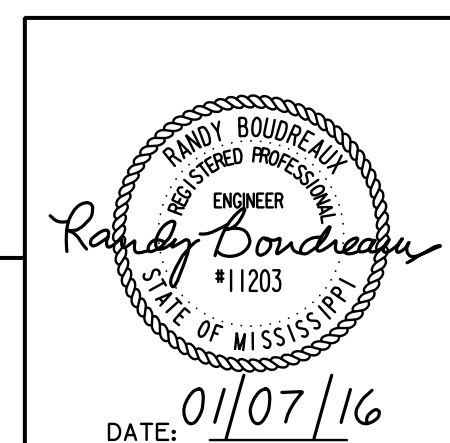
ADDENDUM

STATE	PROJECT NO.
MISS.	NH-0010-01(136)

Bridge	Beginning Station	Spans Size	Overall Length	ESTIMATED QUANTITIES																		
				Item	Removal Of Concrete Slope Paving	Removal Of Bridge Deck, Curb & Railing	Removal Of Bridge Footing	Foundation Excavation For Bridges	Conventional Static Pile Load Test	14" x 14" Prestressed Concrete Piling L.F.	16" x 16" Prestressed Concrete Piling L.F.	18" x 18" Prestressed Concrete Piling L.F.	20" Pre-Formed Pile Holes L.F.	PDA Test Pile, Concrete	Pile Restrike	Drilled Shaft (48" φ) L.F.	Trial Shaft (48" φ) L.F.	Exploration L.F.	Temporary Casing (48" φ) L.F.	Bridge Concrete, Substructure, Class "AA" C.Y.	Bridge Concrete, Superstructure, Class "AA" C.Y.	
				Location	S.Y.	S.Y.	Ea.	C.Y.	Ea.	L.F.	L.F.	L.F.	L.F.	Ea.	Ea.	L.F.	L.F.	L.F.	L.F.	C.Y.	C.Y.	
I-10 Over Old Fort Bayou Road (EB & WB)	384+88.35 (L.I. Ln.)	1 @ 260'-0" (75'-110'-75') existing continuous concrete box girder span with integral concrete bents; widen with prestressed concrete beam spans (continuous for live load only)	262'-8 1/2"	Spans		69.82														169.82		
				End Bents	116.99		4		1	1,500.00				1	1					62.77		
				Int. Bents				123.14			1,150.00				1	1					121.45	
				Totals	116.99	69.82	4	123.14	1	2,650.00				2	2					184.22	169.82	
I-10 Across Old Fort Bayou Road (EB & WB)	382+68.96 (R.I. Ln.)	1 @ 260'-0" (75'-110'-75') existing continuous concrete box girder span with integral concrete bents; widen with prestressed concrete beam spans (continuous for live load only)	262'-9 1/2"	Spans		69.82													169.86			
				End Bents	128.44		4		1,725.00				1	1					63.30			
				Int. Bents				123.14		1,150.00				1	1					126.63		
				Totals	128.44	69.82	4	123.14		2,875.00				2	2					189.93	169.86	
I-10 Over S.R. 57 (EB & WB)	578+28.42 (L.I. Ln.)	1 @ 320'-0" (3 @ 40', 1 @ 80', 3 @ 40') prestressed concrete beam spans (continuous for live load only)	320'-0"	Spans		195.56													214.09			
				End Bents			4		720.0			127.0	1	1					21.58			
				Int. Bents					1	990.0	935.0	935.0	2	2					59.01			
				Totals		195.56	4		1	720.0	990.0	935.0	127.0	3	3				80.59	214.09		
I-10 Over S.R. 57 (EB & WB)	578+86.00 (R.I. Ln.)	1 @ 320'-0" (3 @ 40', 1 @ 80', 3 @ 40') prestressed concrete beam spans (continuous for live load only)	320'-0"	Spans		177.78													208.10			
				End Bents			4		720.0			146.0	1	1					21.69			
				Int. Bents					1	990.0	935.0	935.0	2	2					59.83			
				Totals		177.78	4		1	720.0	990.0	935.0	146.0	3	3				81.52	208.10		
I-10 Over S.R. 57 (EB & WB)	592+73.29 (L.I. Ln.)	1 @ 328'-0" (1 @ 75', 2 @ 89', 1 @ 75') prestressed concrete beam spans (continuous for live load only)	330'-6 5/8"	Spans		182.22													208.29			
				End Bents	31.23		4		1,075.00			222.0	1	1					45.46			
				Int. Bents					1	1,075.00			222.0	1	1	430.00	75.00	120.00	180.00	73.71		
				Totals	31.23	182.22	4		1	1,075.00			222.0	1	1	430.00	75.00	120.00	180.00	119.17	208.29	
I-10 Over S.R. 57 (EB & WB)	593+53.04 (R.I. Ln.)	1 @ 328'-0" (1 @ 75', 2 @ 89', 1 @ 75') prestressed concrete beam spans (continuous for live load only)	330'-6 5/8"	Spans		182.22													208.29			
				End Bents	30.53		4		1,070.00			220.0	1	1					45.46			
				Int. Bents					1	1,070.00			220.0	1	1	430.00	120.00	180.00	73.57			
				Totals	30.53	182.22	4		1	1,070.00			220.0	1	1	430.00	120.00	180.00	119.03	208.29		
Project Totals				307.19	877.42	24	246.28	3	9,110.00	1,980.00	1,870.00	715.00	10	10	860.00	75.00	240.00	360.00	774.46	1,178.45		

ESTIMATED QUANTITIES (CONT.)																							
	40 Ft. Prestressed Concrete Beam Type I+2 L.F.	80 Ft. Prestressed Concrete Beam Type III L.F.	75 Ft. Prestressed Concrete Beam Type IV L.F.	110 Ft. Prestressed Concrete Beam Type IV L.F.	75 Ft. Prestressed Concrete Beam Type III (Mod.) L.F.	89 Ft. Prestressed Concrete Beam Type III (Mod.) L.F.	Reinforcement Lbs.	Concrete Railing, 32" L.F.	Loose Riprap, Size 300 Ton	Concrete Slope Paving C.Y.	Geotextile Under Riprap S.Y.	Bridge Repair, Joint Repair, Per Plans L.S.											
MATCH TAB A-A			596.31	437.39			43,613	451.13				0.16											
							9,398	5.03		47.82													
							23,266																
			596.31	437.39			76,277	456.15		47.82		0.16											
MATCH TAB B-B	715.50	239.25					55,065	639.00				0.16											
							2,938	1,225.0		2,746.74													
							6,774																
	715.50	239.25					64,776	639.00	1,225.0		2,746.74	0.16											
MATCH TAB C-C	715.50	239.25					54,130	639.00				0.17											
							2,755	1,396.2		3,127.11													
							6,195																
	715.50	239.25					63,080	639.00	1,396.2		3,127.11	0.17											
MATCH TAB C-C					448.50	710.00	42,290	656.00			45.85	0.17											
							6,795	4.92															
					448.50	710.00	61,054	660.92		45.85		0.17											
					448.50	710.00	42,290	656.00			43.62	0.17											
							6,793	4.92															
							11,956																
				448.50	710.00	61,039	660.92		43.62		0.17												
<table border="1"> <tr> <td>1,431.00</td> <td>478.50</td> <td>1,190.41</td> <td>873.15</td> <td>897.00</td> <td>1,420.00</td> <td>403,722</td> <td>3,511.90</td> <td>2,621.2</td> <td>186.29</td> <td>5,873.85</td> <td>1</td> </tr> </table>												1,431.00	478.50	1,190.41	873.15	897.00	1,420.00	403,722	3,511.90	2,621.2	186.29	5,873.85	1
1,431.00	478.50	1,190.41	873.15	897.00	1,420.00	403,722	3,511.90	2,621.2	186.29	5,873.85	1												

FILE: S: Projects\8790.004 I-10 Bridge Widening Drawings Final Index & Quantities Shits 8790-000.3-EO-BR.dgn
 DATE: 1/13/2016 10:08:58 AM USER: RJB



DESIGNER	Randy Boudreaux, P.E.	CHECKER	full name	WORKING NUMBER
DATE	01-07-16	ISSUE DATE	mm/dd/yyyy	EQ-BR
DETAILER	Randy Boudreaux, P.E.	DIRECTOR OF STRUCTURES, STATE BRIDGE ENGINEER	NICK J. ALTABELLI PE.	SHEET NUMBER
		DEP. DIRECTOR OF STRUCTURES, ASSIST. STATE BRIDGE ENGINEER	JUSTIN WALKER PE.	8003

MISSISSIPPI DEPARTMENT OF TRANSPORTATION
 I-10 FROM SR 609 TO SR 57
 ESTIMATED QUANTITIES (BRIDGE)
 PROJECT NH-0010-01(136)
 101204/303000
 JACKSON COUNTY

ADDENDUM

STATE	PROJECT NO.
MISS.	NH-0010-01(136)

PILE NOTES:

PDA test shall be performed on the first production pile driven at one of the end bents and at the first production pile driven at one of the intermediate bents. The PDA test and restrike results shall be used to verify the pile capacity and develop driving criteria for remaining production piles.

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, 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 BEARING CAPACITY AND TIP ELEVATION SCHEDULE.

When feasible, bearing piles shall be driven full length and be spliced, only, as approved by the Bridge Engineer.

All piles shall be prestressed type per details on Dwg. No. A40. Prestressed concrete piling shall not be driven until the concrete has reached a minimum compressive strength of 5,000 psi and is at least 7 days old.

PDA test piles shall require a 1 day and 7 day restrike unless otherwise directed by the Engineer.

Pile lengths and driving criteria shall be provided based on the results of the PDA test piles.

SPECIAL NOTES:

All dimensions, stationing, curve data and elevations shown were determined from the as-built bridge plans.

Prior to construction, all dimensions, stationing, curve data and elevations of the existing structure shall be field verified. The contractor shall submit a letter to the Director of Structures, State Bridge Engineer stating that all relevant existing data has been field verified prior to submitting any shop drawings. 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 transverse slab steel. Where existing reinforcing steel is damaged, broken or otherwise not serviceable, the steel 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. A19 and A27.

All areas of 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 direction.

Should the Contractor elect to utilize a slab closure pour between phases, it should be poured at no additional cost to the State.

For EXISTING BRIDGE PLANS, see drawing nos. A46 and A47. Additional information on the existing bridge and as-builts plans are available for inspection in the Bridge Design Division.

PHASING NOTES:

Each bridge shall be widened and bridge joint repaired in three (3) phases as shown on drawing no. A4 and as described below.

PHASE 1:
The outside shoulder and inside shoulder of each bridge shall be widened in Phase 1 by driving additional piling, extending existing bent caps, adding new prestressed beams and extending the existing decks. Partial demolition of existing deck (& railing) and construction of widened deck will be accomplished with the aid of temporary barriers attached to the existing bridge deck as detailed in these plans. Permanent railing shall be placed on both the outside and inside shoulders of each bridge during Phase 1.

PHASE 2:
Temporary barriers shall be relocated and traffic shall be moved to the outside of each bridge centerline. The existing bridge joints to the inside of the centerline(s) shall be repaired by removing the existing expansion device and support angles, repairing/reforming concrete surfaces at the joint and installing new preformed joint seal. All new and repaired deck joints on the inside of the bridge centerline shall be sealed using a preformed joint seal as detailed on dwg. nos. A34 & A35.

PHASE 3:
Temporary barriers shall be relocated and traffic shall be moved to the inside of each bridge centerline. The existing bridge joints to the outside of the centerline(s) shall be repaired by removing the existing expansion device and support angles, repairing/reforming concrete surfaces at the joint and installing new preformed joint seal. All new and repaired deck joints on the outside of the bridge centerline shall be sealed using a preformed joint seal as detailed on dwg. nos. A34 & A35.

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.

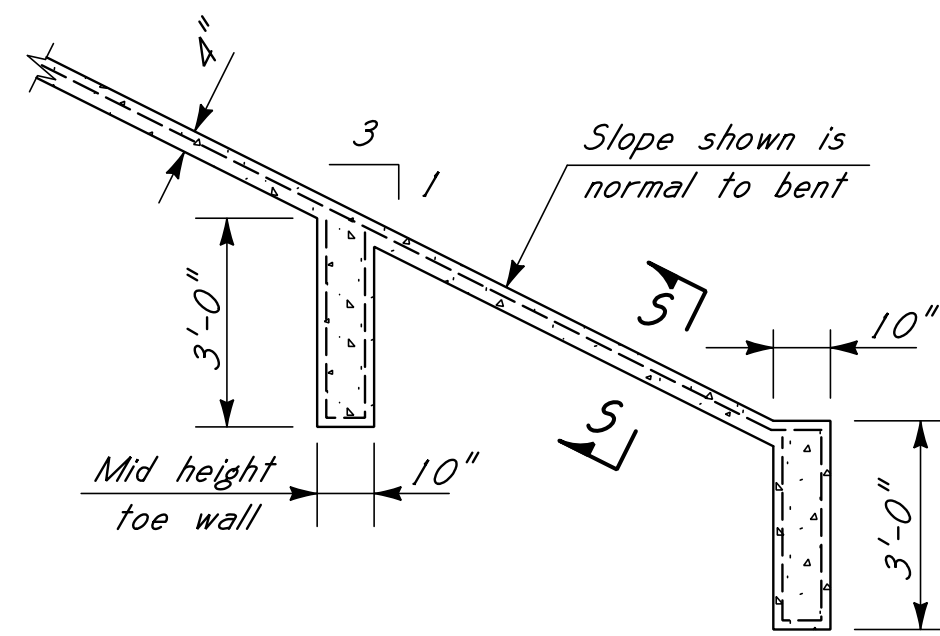
Location	Min. length ft.	Tip elevation
Lt. Ln. end bent	85	—
Lt. Ln. int. bent	60	—
Rt. Ln. int. bent	60	—
Rt. Ln. end bent	85	—

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.

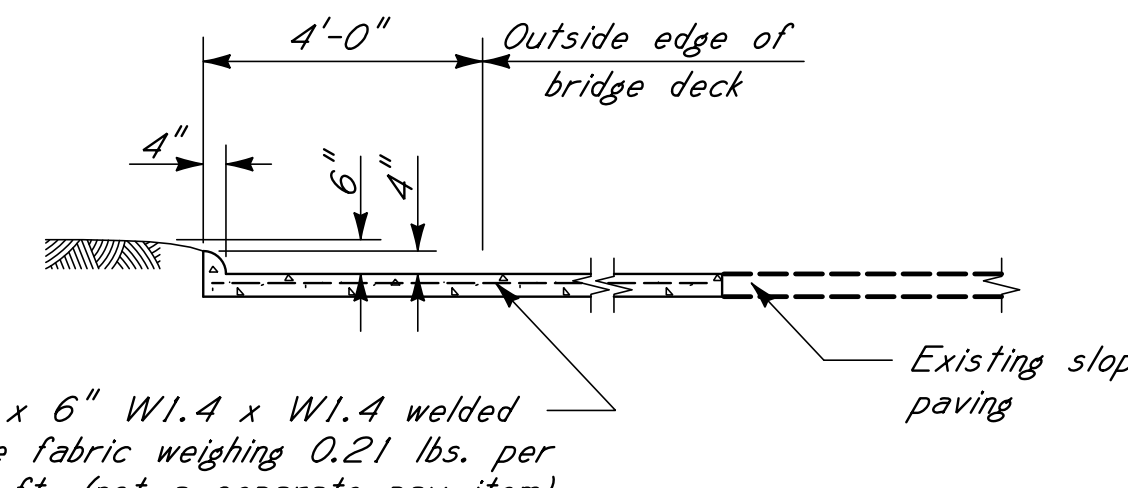
Bent no.	Pile size inches	Req'd service load bearing tons	Est. length ft.	Minimum tip elevation
1L	14" x 14"	37	75	—
2L	14" x 14"	52	50	—
3L	14" x 14"	52	50	—
4L	14" x 14"	37	75	—
1R	14" x 14"	37	75	—
2R	14" x 14"	52	50	—
3R	14" x 14"	52	50	—
4R	14" x 14"	37	75	—

NOTE: Estimated pile length is based on using a FOS = 2.0



TYPICAL SECTION

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



SECTION S-S

SLOPE PAVING DETAILS

Item	Removal of concrete slope paving	Removal of bridge deck, curb & railing	(1) Removal of bridge footing	Foundation excavation for bridges	Conventional static pile load test	14" x 14" prestressed concrete piling l.f.	PDA test pile, concrete ea.	Pile restrike ea.	Bridge concrete, substructure, class "AA" c.y.	Bridge concrete, superstructure, class "AA" c.y.	75 Ft. prestressed concrete beam, type IV l.f.	110 Ft. prestressed concrete beam, type IV l.f.	Reinforcement lbs.	Concrete railing, 32" l.f.	Concrete slope paving c.y.	Bridge repair, joint repair, per plans l.s.
Location	s.y.	s.y.	ea.	c.y.	ea.	l.f.	ea.	ea.	c.y.	c.y.	l.f.	l.f.	lbs.	l.f.	c.y.	l.s.
Spans		69.82								169.82	596.31	437.39	43,613	451.13		0.16
End bents	116.99		4		1	1,500.00	1	1	62.77				9,398	5.03	47.82	
Int. bents				123.14	1	1,150.00	1	1	121.45				23,266			
Totals	116.99	69.82	4	123.14	1	2,650.00	2	2	184.22	169.82	596.31	437.39	76,277	456.15	47.82	0.16

SPECIAL PROVISIONS REQUIRED:

Concrete bridges and structures . . . No. 907-804

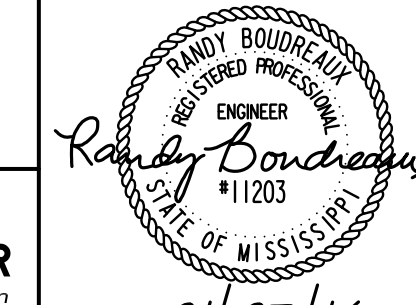
DESIGN DATA:

Specifications A.A.S.H.T.O., 17th Edition, 2002.
 Loading HS20-44
 Roadway width 60'-0" gutter to gutter
 Concrete Class "AA" (4000 psi)
 Reinforcing A.S.T.M. A615 Grade 60 (Fy=60 ksi)

Item	Removal of concrete slope paving	Removal of bridge deck, curb & railing	(1) Removal of bridge footing	Foundation excavation for bridges	14" x 14" prestressed concrete piling l.f.	PDA test pile, concrete ea.	Pile restrike ea.	Bridge concrete, substructure, class "AA" c.y.	Bridge concrete, superstructure, class "AA" c.y.	75 Ft. prestressed concrete beam, type IV l.f.	110 Ft. prestressed concrete beam, type IV l.f.	Reinforcement lbs.	Concrete railing, 32" l.f.	Concrete slope paving c.y.	Bridge repair, joint repair, per plans l.s.
Location	s.y.	s.y.	ea.	c.y.	l.f.	ea.	ea.	c.y.	c.y.	l.f.	l.f.	lbs.	l.f.	c.y.	l.s.
Spans		69.82							169.86	594.10	435.76	43,565	450.72		0.17
End bents	128.44		4		1,725.00	1	1	63.30				9,641	5.19	49.00	
Int. bents				123.14	1,150.00	1	1	126.63				24,588			
Totals	128.44	69.82	4	123.14	2,875.00	2	2	189.93	169.86	594.10	435.76	77,794	455.91	49.00	0.17

NOTES:

(1) Pay item is for the removal of end bent wingwalls and caps.



MISSISSIPPI DEPARTMENT OF TRANSPORTATION BRIDGE AT STA. 384+88.35 LT. LN. BRIDGE AT STA. 382+68.96 RT. LN. I-10 OVER OLD FORT BAYOU ROAD GENERAL NOTES & EST. QUANTITIES PROJECT NH-0010-01(136) 101204/303000 JACKSON COUNTY		WORKING NUMBER AI OF 47
DESIGNER Randy Boudreaux, P.E. DETAILER Randy Boudreaux, P.E.	CHECKER Kevin J. Kennedy, P.E. ISSUE DATE	SHEET NUMBER 8004

CURVE DATA:
 $\Delta = 35^\circ 32' 15''$
 $D = 1^\circ 00'$
 $T = 1,836.1196'$
 $L = 3,553.750'$
 $R = 5,729.5780'$
 $S.E. = 0.039 \text{ ft./ft.}$

ADDENDUM

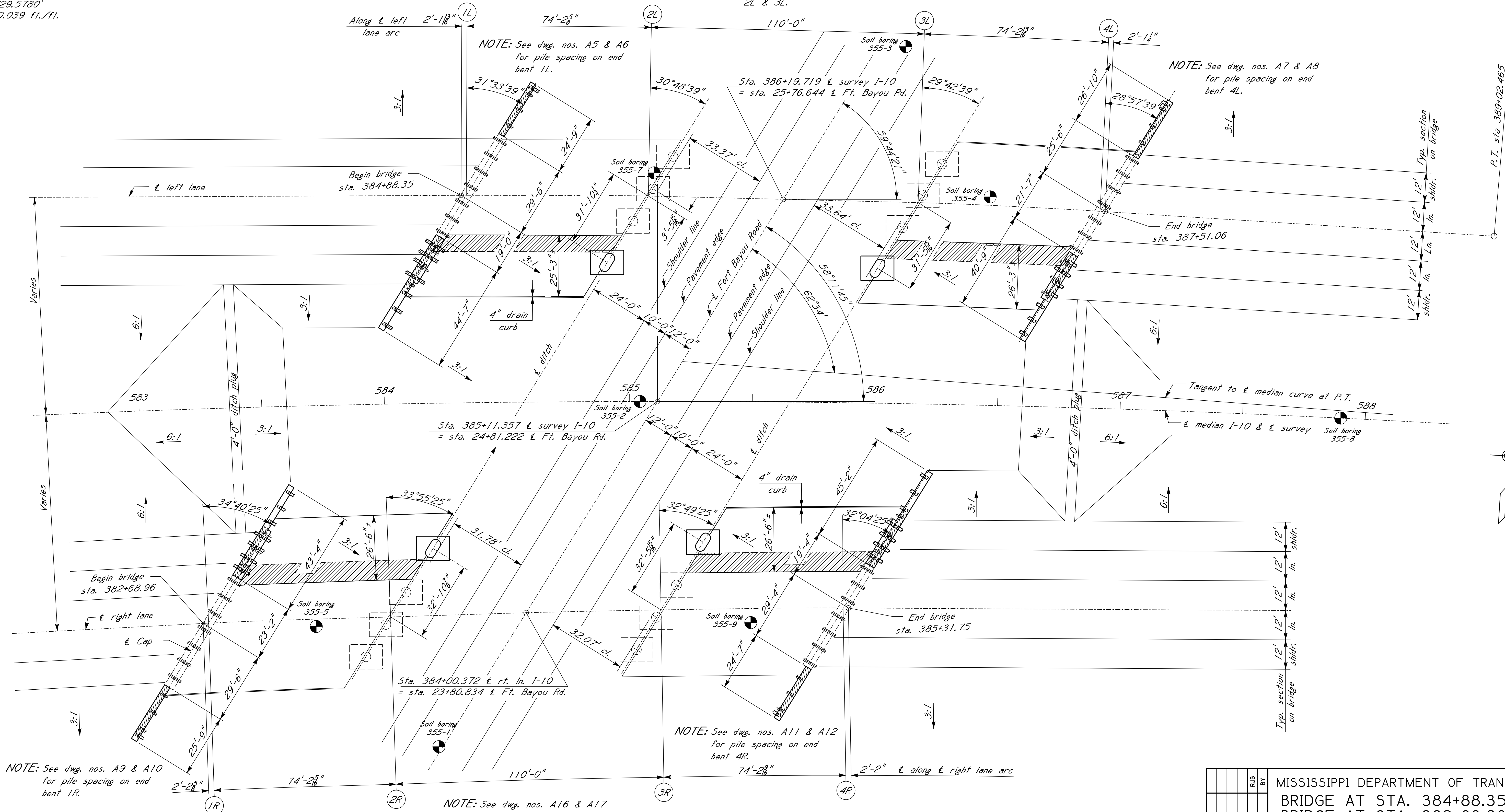
NOTE: See dwg. nos. A14 & A15
for pile spacing on int. bents
2L & 3L.

NOTE: See dwg. nos. A7 & A8
for pile spacing on end
bent 4L.

NOTE: See dwg. nos. A5 & A6
for pile spacing on end
bent 1L.

NOTE: See dwg. nos. A11 & A12
for pile spacing on end
bent 4R.

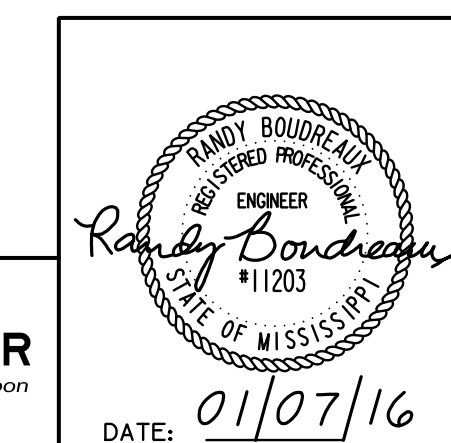
NOTE: See dwg. nos. A16 & A17
for pile spacing on int. bents
2R & 3R.



FOUNDATION PLAN
Scale: 1" = 20'-0"

- LEGEND:**
- Denotes limits of existing structures
 - Denotes existing slope paving to be removed
 - Denotes limits of new structures

MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
BRIDGE AT STA. 384+88.35 LT. LN.	
BRIDGE AT STA. 382+68.96 RT. LN.	
FOUNDATION PLAN	
PROJECT	NH-0010-01(136)
	101204/303000
JACKSON	COUNTY
WORKING NUMBER	A3 OF 47
SHEET NUMBER	8006
DATE	DESIGNER: Randy Boudreaux, P.E. CHECKER: Kevin J. Kennedy, P.E. DETAILER: Randy Boudreaux, P.E. ISSUE DATE: 01/07/16
	DIRECTOR OF STRUCTURES, STATE BRIDGE ENGINEER - NICK J. ALTABELLI, P.E. DEP. DIRECTOR OF STRUCTURES, ASSIST. STATE BRIDGE ENGINEER - JUSTIN WALKER, P.E.



FILE: S:\Projects\8790.004 1-10 Bridge Widening Drawings Final (A) 1-10 Over Fort Bayou Road 8790-403 FOUNDATION PLAN.dgn
 DATE: 1/7/2016 11:24:10 AM USER: RJB

ADDENDUM

STATE	PROJECT NO.
MISS.	NH-0010-01(136)

PILE NOTES:

PDA test shall be performed on the first production pile driven at one of the end bents and at the first production pile driven at one of the Intermediate Bents. The PDA test and restrike results shall be used to verify the pile capacity and develop driving criteria for remaining production piles. 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, 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 BEARING CAPACITY AND TIP ELEVATION SCHEDULE. When feasible, bearing piles shall be driven full length and be spliced, only, as approved by the Bridge Engineer. All piles shall be prestressed type per details on Dwg. No. B26. Prestressed concrete piling shall not be driven until the concrete has reached a minimum compressive strength of 5,000 psi and is at least 7 days old. PDA test piles shall require a 1 day and 7 day restrike unless otherwise directed by the Engineer. Pile lengths and driving criteria shall be provided based on the results of the PDA test piles.

SPECIAL PILE NOTES:

End bent piles require pre-formed pile holes thru the existing embankment fill to the original natural ground before beginning pile driving. Jetting may be required on intermediate bent piles in order to reach the minimum pile tip elevation. Jetting must not extend below the 500 year scour elevation. Jetting, if required, will be considered included in the cost of the piles and will not be paid for separately.

PHASING NOTES:

Each bridge shall be widened and bridge joint repaired in three (3) phases as shown on drawing no. B4 and as described below.

PHASE 1:

The outside shoulder and inside shoulder of each bridge shall be widened by driving additional piling, extending existing bent caps, adding new prestressed beams and extending the existing decks. Partial demolition of existing deck (& railing) and construction of widened deck will be accomplished with the aid of temporary barriers attached to the existing bridge deck as detailed in these plans. Permanent railing shall be placed on both the outside and inside shoulders of each bridge.

PHASE 2:

Temporary barriers shall be relocated and traffic shall be moved to the outside of each bridge centerline. The existing bridge joints to the inside of the centerline(s) shall be repaired by removing the existing expansion device and support angles, repairing/reforming concrete surfaces at the joint and installing new preformed joint seal. All new and repaired deck joints on the inside of the bridge centerline shall be sealed using a preformed joint seal as detailed on dwg. nos. B23 & C17.

PHASE 3:

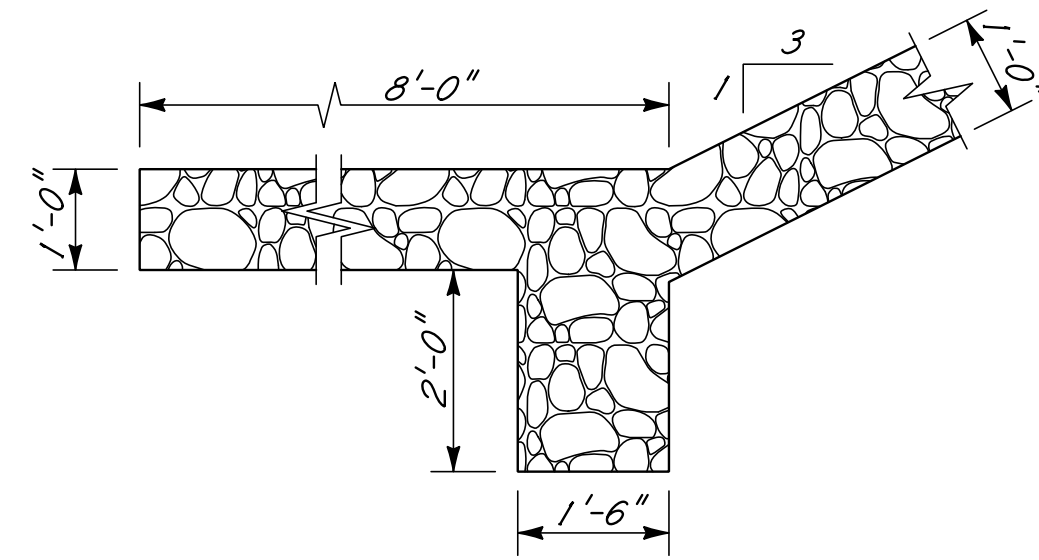
Temporary barriers shall be relocated and traffic shall be moved to the inside of each bridge centerline. The existing bridge joints to the outside of the centerline(s) shall be repaired by removing the existing expansion device and support angles, repairing/reforming concrete surfaces at the joint and installing new preformed joint seal. All new and repaired deck joints on the outside of the bridge centerline shall be sealed using a preformed joint seal as detailed on dwg. nos. B23 & C17.

Location	Min. length ft.	Tip elevation
Lt. In. end bents	75	-58.5
Lt. In. int. bents (18" x 18" piles)	85	-68.0
Lt. In. int. bents (16" x 16" piles)	95	-78.2
Rt. In. int. bents (16" x 16" piles)	95	-78.7
Rt. In. int. bents (18" x 18" piles)	85	-66.1
Rt. In. end bents	75	-55.0

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.

Bent no.	Pile size in.	Pre-formed pile hole length ft.	Req'd service road bearing tons	Est. length ft.	Minimum tip elevation
1L	14" x 14"	13	30	65	-
2L	18" x 18"	--	45	70	-35.5
3L	18" x 18"	--	45	75	-53.1
4L	16" x 16"	--	42	85	-63.7
5L	16" x 16"	--	42	85	-63.7
6L	18" x 18"	--	45	75	-53.1
7L	18" x 18"	--	45	70	-33.5
8L	14" x 14"	15	30	65	-
1R	14" x 14"	14	30	65	-
2R	18" x 18"	--	45	70	-35.5
3R	18" x 18"	--	45	75	-53.1
4R	16" x 16"	--	42	90	-63.7
5R	16" x 16"	--	42	90	-63.7
6R	18" x 18"	--	45	75	-53.1
7R	18" x 18"	--	45	70	-33.5
8R	14" x 14"	19	30	65	-



RIPRAP TOE DETAILS

SPECIAL NOTES:

All dimensions, stationing, curve data and elevations shown were determined from the as-built bridge plans. Prior to construction, all dimensions, stationing, curve data and elevations of the existing structure shall be field verified by the contractor. The contractor shall submit a letter to the Director of Structures, State Bridge Engineer stating that all relevant existing data has been field verified prior to submitting any shop drawings. 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 transverse slab steel. Where existing reinforcing steel is damaged, broken or otherwise not serviceable, the steel 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. B16 or B20. All areas of 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 direction. Should the Contractor elect to utilize a slab closure pour between phases, it should be poured at no additional cost to the State. For EXISTING BRIDGE PLANS, see drawing nos. B34 & B35. Additional information on the existing bridge and as-builts plans are available for inspection in the Bridge Design Division.

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.

NOTES:

Estimated pile length is based on using a FOS = 2.0. On intermediate bents jetting may be required to drive piles to the minimum tip elevation show; however, jetting shall not extend below the 500 year scour elevation. Jetting, if required, will be considered included in the cost of the piles and will not be paid for separately.

ESTIMATED QUANTITIES ~ I-10 LT. LN.

Item	Removal of bridge deck, curb & railing	(1) Removal of bridge footing	Conventional static pile load test	14" x 14" prestressed concrete piling l.f.	16" x 16" prestressed concrete piling l.f.	18" x 18" prestressed concrete piling l.f.	(2) 20" pre-formed pile holes l.f.	(3) PDA test pile, concrete pile ea.	Pile restrike ea.	Bridge concrete, substructure, class "AA" c.y.	Bridge concrete, superstructure, class "AA" c.y.	40 ft. prestressed concrete beam, type I+2 l.f.	80 ft. prestressed concrete beam, type III l.f.	Reinforcement lbs.	Concrete railing, 32" l.f.	Loose riprap, size 300 ton	Geotextile under riprap s.y.	Bridge repair, joint repair, per plans l.s.
Location	s.y.	ea.	ea.															
Spans	195.56									21.58	214.09	715.50	239.25	55,065	639.00			0.16
End bents		4		720.0			127.0	1	1	59.01				2,938		1,225.0	2,746.74	
Int. bents			1		990.0	935.0		2	2					6,774				
Totals	195.56	4	1	720.0	990.0	935.0	127.0	3	3	80.59	214.09	715.50	239.25	64,776	639.00	1,225.0	2,746.74	0.16

SPECIAL PROVISIONS REQUIRED:

Concrete bridges and structures . . . No. 907-804

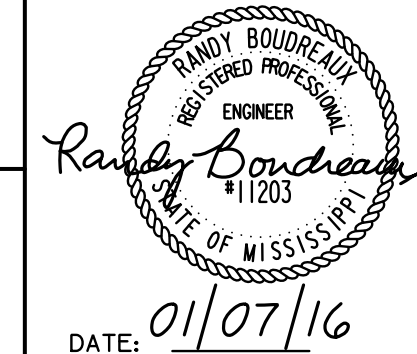
DESIGN DATA:

Specifications A.A.S.H.T.O., 17th Edition, 2002.
 Loading H520-44
 Roadway width 68'-0" gutter to gutter (left lane)
 60'-0" gutter to gutter (right lane)
 Concrete Class "AA" (4000 psi)
 Reinforcing A.S.T.M. A615 Grade 60 (Fy=60 ksi)

ESTIMATED QUANTITIES ~ I-10 RT. LN.

Item	Removal of bridge deck, curb & railing	(1) Removal of bridge footing	14" x 14" prestressed concrete piling l.f.	16" x 16" prestressed concrete piling l.f.	18" x 18" prestressed concrete piling l.f.	(2) 20" pre-formed pile holes l.f.	(3) PDA test pile, concrete pile ea.	Pile restrike ea.	Bridge concrete, substructure, class "AA" c.y.	Bridge concrete, superstructure, class "AA" c.y.	40 ft. prestressed concrete beam, type I+2 l.f.	80 Ft. prestressed concrete beam, type III l.f.	Reinforcement lbs.	Concrete railing, 32" l.f.	Loose riprap, size 300 Ton	Geotextile under riprap s.y.	Bridge repair, joint repair, per plans l.s.
Location	s.y.	ea.															
Spans	177.78																
End bents		4	720.0			146.0	1	1	21.69					2,755		1,396.2	3,127.11
Int. bents				990.0	935.0		2	2	59.83					6,195			
Totals	177.78	4	720.0	990.0	935.0	146.0	3	3	81.52	208.10	715.50	239.25	63,080	639.00	1,396.2	3,127.11	0.17

NOTES: (1) Pay item is for the removal of end bent wingwalls and caps.
 (2) Pre-formed pile holes are for end bent piles only.
 (3) The cost for pre-formed pile holes used on test piles shall be included in the unit price for test piles.



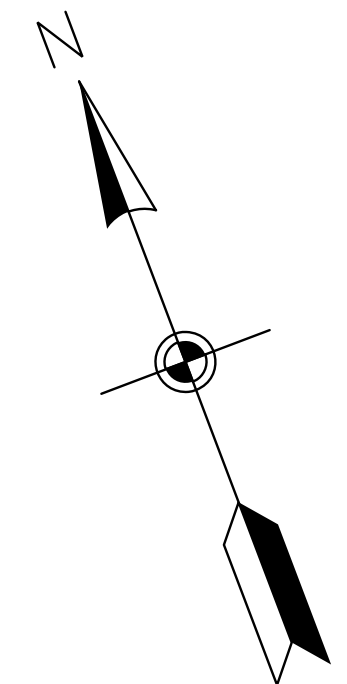
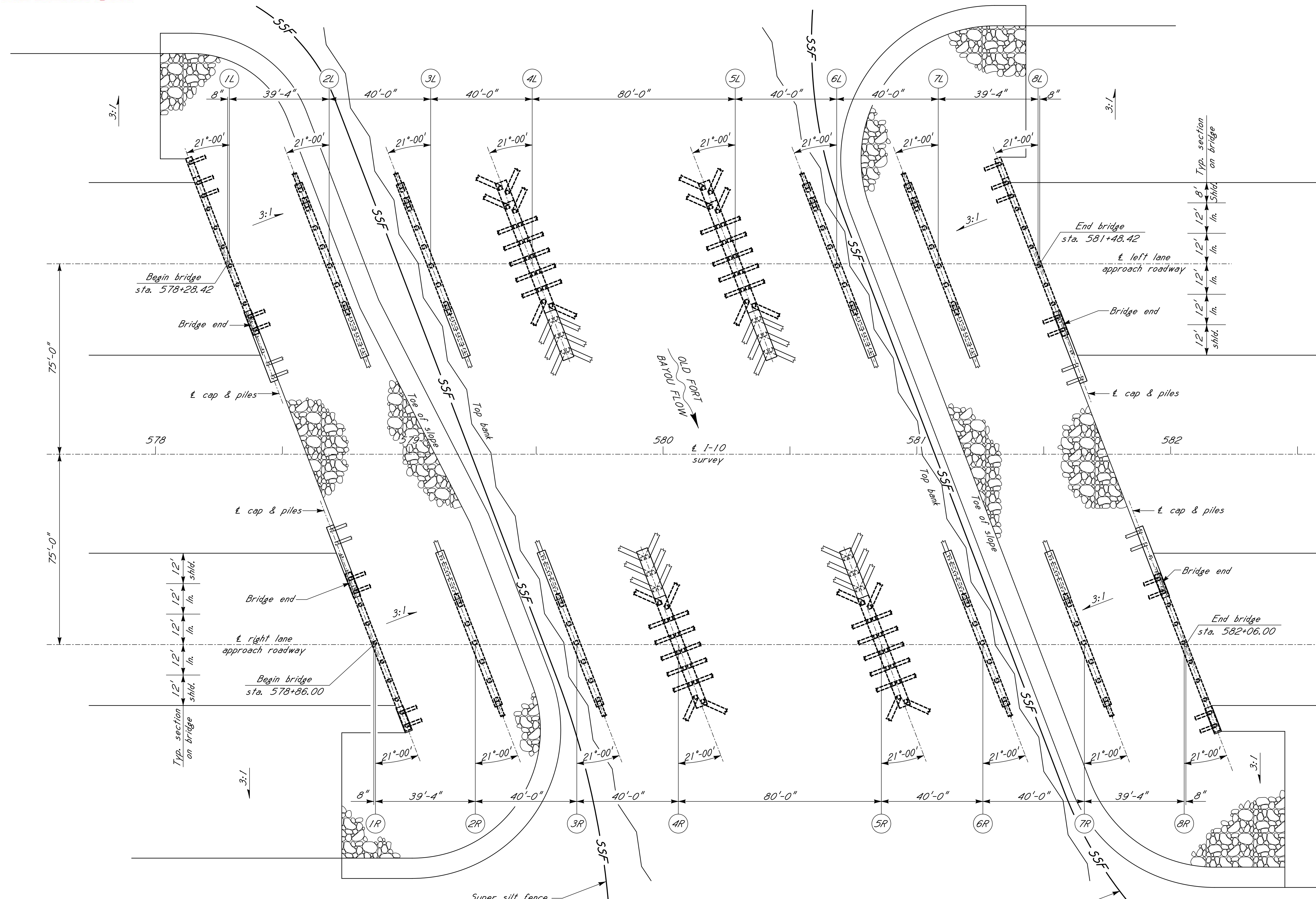
NEEL-SCHAFFER Solutions you can build upon

DATE: 01/07/16

MISSISSIPPI DEPARTMENT OF TRANSPORTATION		BRIDGE AT STA. 578+28.42 LT. LN.		BRIDGE AT STA. 578+86.00 RT. LN.		I-10 ACROSS OLD FORT BAYOU		GENERAL NOTES & EST. QUANTITIES		PROJECT NH-0010-01(136)		101204/303000		JACKSON COUNTY		WORKING NUMBER BI OF 35	
DESIGNER Randy Boudreaux, P.E.		CHECKER B. Keith Carr, P.E.		ISSUE DATE		SHEET NUMBER 8051		DIRECTOR OF STRUCTURES, STATE BRIDGE ENGINEER - NICK J. ALTABELLI, PE.		DEP. DIRECTOR OF STRUCTURES, ASSIST. STATE BRIDGE ENGINEER - JUSTIN WALKER, PE.							

ADDENDUM

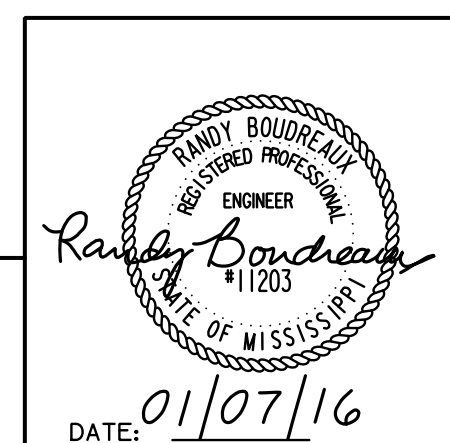
STATE	PROJECT NO.
MISS.	NH-0010-01(136)



- NOTE:**
1. No dirt can be pushed into the bayou.
 2. If a platform for working is needed, then riprap may be used.
 3. Minimize disturbance to existing banks.
 4. If the bent is in close proximity to the banks, then riprap shall be placed prior to pile driving.
 5. Riprap shall be placed on slopes immediately after pile driving.
 6. Clearing should be kept to a minimum and grubbing only where required.
 7. Turbidity curtain may be required.

EROSION CONTROL PLAN
Scale: 1" = 20'-0"

- LEGEND:**
- Denotes limits of existing structures
 - Denotes existing concrete to be removed
 - Denotes limits of new structures

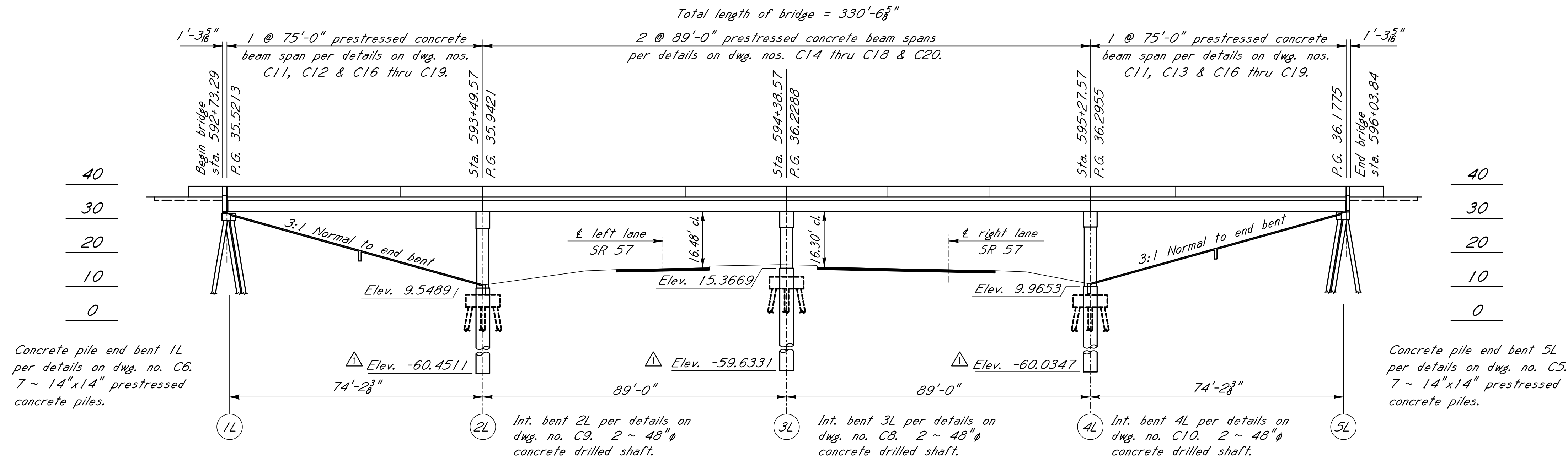


DESIGNED BY	DATE	REVISIONS	MISSISSIPPI DEPARTMENT OF TRANSPORTATION BRIDGE AT STA. 578+28.42 LT. LN. BRIDGE AT STA. 578+86.00 RT. LN. EROSION CONTROL PLAN PROJECT NH-0010-01(136) 101204/303000 JACKSON COUNTY WORKING NUMBER B33 OF 35 SHEET NUMBER 8083
DESIGNER: Randy Boudreaux, P.E. DETAILER: Randy Boudreaux, P.E.	CHECKER: B. Keith Carr, P.E. ISSUE DATE: 01/07/16	DIRECTOR OF STRUCTURES, STATE BRIDGE ENGINEER - NICK J. ALTABELLI, P.E. DEP. DIRECTOR OF STRUCTURES, ASSIST. STATE BRIDGE ENGINEER - JUSTIN WALKER, P.E.	

FILE: S:\Projects\8790.004 1-10 Bridge Widening Drawings Final (B) 1-10 Across Old Fort Bayou 8790-833 EROSION CONTROL PLAN.dgn
 DATE: 1/7/2016 TIME: 11:29:53 AM USER: RJB

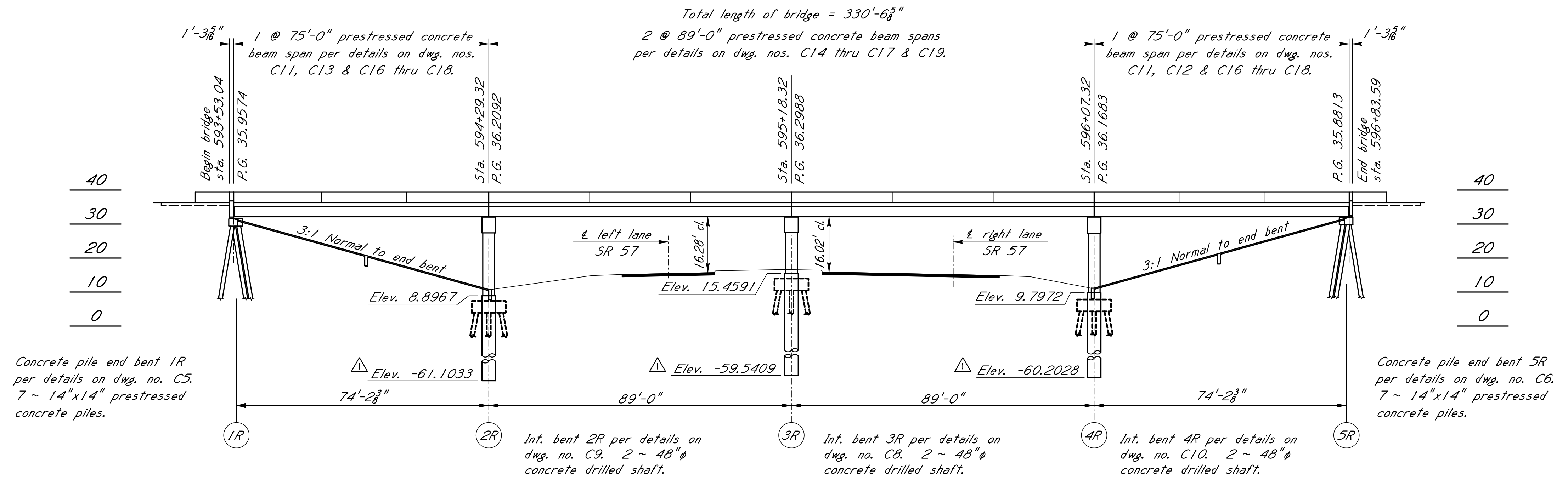
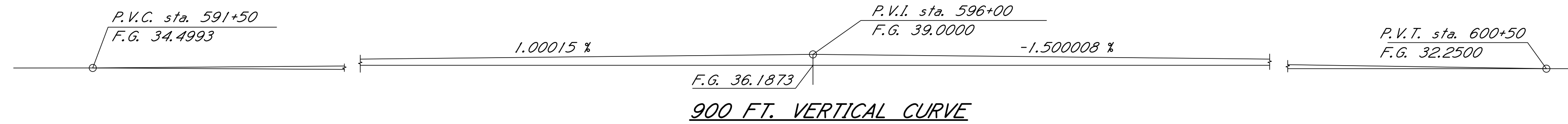
ADDENDUM

STATE	PROJECT NO.
MISS.	NH-0010-01(136)



ELEVATION OF LEFT LANE WITH PROFILE ON LEFT LANE

Scale: 1" = 20'-0"

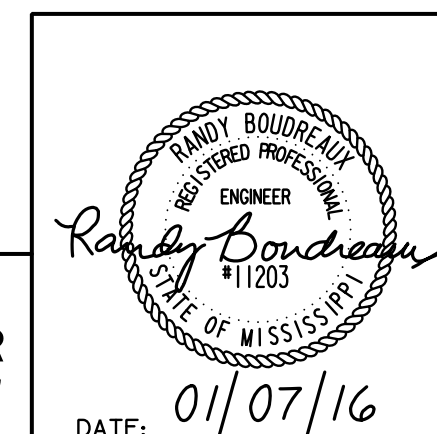


ELEVATION OF RIGHT LANE WITH PROFILE ON LEFT LANE

Scale: 1" = 20'-0"

DESIGN DATA:

Specifications: A.A.S.H.T.O., 17th edition, 2002
 Loading: HS20-44
 Concrete: Class "AA"
 Roadway Width: 60'-0" gutter to gutter



MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
BRIDGE AT STA. 592+73.29 LT. LN.	
BRIDGE AT STA. 593+53.04 RT. LN.	
ELEVATION	
PROJECT	NH-0010-01(136)
	101204/303000
JACKSON	COUNTY
WORKING NUMBER	C2 OF 26
SHEET NUMBER	8087
DESIGNER	Randy Boudreaux, P.E.
CHECKER	Keith Carr, P.E.
DATE	01/07/16
DIRECTOR OF STRUCTURES, STATE BRIDGE ENGINEER - NICK J. ALTABELLI PE.	
DEF. DIRECTOR OF STRUCTURES, ASSIST. STATE BRIDGE ENGINEER - JUSTIN WALKER PE.	