

SECTION 905 -- PROPOSAL (CONTINUED)

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

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

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

ADDENDUM NO. 1 DATED 3/20/2014 ADDENDUM NO. DATED
 ADDENDUM NO. DATED ADDENDUM NO. DATED

Number	Description
1	Revised Table of Contents; Add NTB No. 4963; Revised Bid Items; Revised Bond Form; Revise or Added Plan Sheet Nos. 8001, 8012-8015, 8030-8031, 8038-8039; 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.

BR-0061-02(008) / 103327301

Leflore County(ies)

Revised 09/21/2005

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

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SECTION 905 - PROPOSAL, PROPOSAL BID ITEMS

COMBINATION BID PROPOSAL

CERTIFICATION OF PERFORMANCE - PRIOR FEDERAL-AID CONTRACTS

CERTIFICATION REGARDING NON-COLLUSION, DEBARMENT AND SUSPENSION

SECTION 902- CONTRACT FORM, AND SECTION 903 - CONTRACT BOND FORMS

PILE DRIVING FORM

FORM -- OCR-485

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

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904 - NOTICE TO BIDDERS NO. 4963

CODE: (SP)

DATE: 03/20/2014

SUBJECT: Quantity Corrections

PROJECT: BR-0061-02(008) / 103327301 – Leflore County

Bidders are advised that the quantities shown on the Summary of Quantities sheets (Roadway Items) in the plans for the following pay items are incorrect. Below are the corrected quantities. The quantities shown on the bid sheets have been corrected. Bidders are to prepare their bid using the quantities shown on the bid sheet.

907-249-A001	Riprap For Erosion Control	165	tons
907-249-B001	Remove And Reset Riprap	83	cubic yards
815-A009	Loose Riprap, Size 300	1341	tons
815-E001	Geotextile Under Riprap	662	square yards

Replacing 5 Bridges on SR 7 from Humphreys County Line to US 82, known as Federal Aid Project No. BR-0061-02(008) / 103327301 in Leflore County.

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
Roadway Items					
0010	201-A001		1	Lump Sum	Clearing and Grubbing
0020	201-B001		1	Acre	Clearing and Grubbing
0030	202-A001		1	Lump Sum	Removal of Obstructions
0040	202-B005		12,216	Square Yard	Removal of Asphalt Pavement, All Depths
0050	202-B053		800	Linear Feet	Removal of Guard Rail Including Post, Blockouts & Hardware
0060	202-B064		451	Linear Feet	Removal of Pipe, 8" And Above
0070	202-B076		4,852	Linear Feet	Removal of Traffic Stripe
0080	203-A003	(E)	8,356	Cubic Yard	Unclassified Excavation, FM, AH
0090	203-EX017	(E)	36,541	Cubic Yard	Borrow Excavation, AH, FME, Class B9
0100	203-G003	(E)	7,653	Cubic Yard	Excess Excavation, FM, AH
0110	206-A001	(S)	357	Cubic Yard	Structure Excavation
0120	209-A004		7,500	Square Yard	Geotextile Stabilization, Type V, Non-Woven
0130	213-C001		3	Ton	Superphosphate
0140	217-A001		1,231	Square Yard	Ditch Liner
0150	219-A001		2	Thousand Gallon	Watering [\$20.00]
0160	220-A001		3	Acre	Insect Pest Control [\$30.00]
0170	221-A001	(S)	12	Cubic Yard	Portland Cement Concrete Paved Ditch
0180	223-A001		1	Acre	Mowing [\$50.00]
0190	224-A001		403	Square Yard	Soil Reinforcing Mat
0200	234-A001		7,931	Linear Feet	Temporary Silt Fence
0210	235-A001		996	Bale	Temporary Erosion Checks
0220	236-A004		5	Each	Silt Basin, Type D
0230	406-A001		12,067	Square Yard	Cold Milling of Bituminous Pavement, All Depths
0240	408-A003	(A3)	3,154	Gallon	Asphalt for Prime Coat, Cut-Back MC-70 or Emulsified EA-1
0250	423-A001		3	Mile	Rumble Strips, Ground In
0260	501-E001		172	Linear Feet	Expansion Joints, Without Dowels
0270	502-A001	(C)	373	Square Yard	Reinforced Cement Concrete Bridge End Pavement
0280	602-A001	(S)	162	Pounds	Reinforcing Steel
0290	603-CA007	(S)	60	Linear Feet	48" Reinforced Concrete Pipe, Class III
0300	603-CA008	(S)	128	Linear Feet	54" Reinforced Concrete Pipe, Class III
0310	603-CA011	(S)	328	Linear Feet	72" Reinforced Concrete Pipe, Class III
0320	603-CB006	(S)	2	Each	48" Reinforced Concrete End Section

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
0330	603-CB007	(S)	4	Each	54" Reinforced Concrete End Section
0340	603-CB010	(S)	4	Each	72" Reinforced Concrete End Section
0350	605-AA003	(S)	122	Square Yard	Geotextile for Subsurface Drainage, Type III
0360	605-W001	(GY)	10	Cubic Yard	Filter Material for Combination Storm Drain and/or Underdrains, Type A, FM
0370	605-W002	(GY)	15	Cubic Yard	Filter Material for Combination Storm Drain and/or Underdrains, Type B, FM
0380	606-B001		700	Linear Feet	Guard Rail, Class A, Type 1
0390	606-D012		7	Each	Guard Rail, Bridge End Section, Type I
0400	606-E001		7	Each	Guard Rail, Terminal End Section
0410	609-D002	(S)	308	Linear Feet	Combination Concrete Curb and Gutter Type 2
0420	615-A018	(S)	80	Linear Feet	Concrete Bridge End Barrier, 33.5"
0430	618-A001		1	Lump Sum	Maintenance of Traffic
0440	618-B001		1	Square Feet	Additional Construction Signs [\$10.00]
0450	619-A1001		16,827	Linear Feet	Temporary Traffic Stripe, Continuous White
0460	619-A2001		8,129	Linear Feet	Temporary Traffic Stripe, Continuous Yellow
0470	619-A4001		7,110	Linear Feet	Temporary Traffic Stripe, Skip Yellow
0480	619-A5001		8,038	Linear Feet	Temporary Traffic Stripe, Detail
0490	619-A6001		318	Linear Feet	Temporary Traffic Stripe, Legend
0500	619-C7001		109	Each	Two-Way Yellow Reflective High Performance Raised Marker
0510	619-D1001		236	Square Feet	Standard Roadside Construction Signs, Less than 10 Square Feet
0520	619-D2001		1,520	Square Feet	Standard Roadside Construction Signs, 10 Square Feet or More
0530	619-F3004		24	Each	Delineators, Guard Rail, White
0540	619-G4001		552	Linear Feet	Barricades, Type III, Single Faced
0550	619-G4005		48	Linear Feet	Barricades, Type III, Double Faced
0560	619-G5001		71	Each	Free Standing Plastic Drums
0570	619-G7001		16	Each	Warning Lights, Type "B"
0580	619-K2001		8	Each	Installation and Removal of Guard Rail, Bridge End Section
0590	619-K4001		8	Each	Installation and Removal of Guardrail, Terminal End Section
0600	620-A001		1	Lump Sum	Mobilization
0610	627-L001		109	Each	Two-Way Yellow Reflective High Performance Raised Markers
0620	629-A005		1	Each	Vehicular Impact Attenuator, 55 MPH
0630	630-A001		13	Square Feet	Standard Roadside Signs, Sheet Aluminum, 0.080" Thickness
0640	630-A002		70	Square Feet	Standard Roadside Signs, Sheet Aluminum, 0.125" Thickness
0650	630-C004		174	Linear Feet	Steel U-Section Posts, 3.0 to 3.5 lb/ft
0660	630-F001		37	Each	Delineators, Guard Rail, White
0670	630-G002		20	Each	Type 3 Object Markers, OM-3R or OM-3L, Post Mounted

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
0680	815-A009	(S)	1,341	Ton	Loose Riprap, Size 300
	Changed 03/20/2014				
0690	815-E001	(S)	662	Square Yard	Geotextile under Riprap
	Changed 03/20/2014				
0700	815-F002	(S)	145	Ton	Sediment Control Stone
0710	907-216-A001		101	Square Yard	Solid Sodding
0720	907-225-A001		9	Acre	Grassing
0730	907-225-B001		21	Ton	Agricultural Limestone
0740	907-225-C001		19	Ton	Mulch, Vegetative Mulch
0750	907-226-A001		7	Acre	Temporary Grassing
0760	907-234-C002		2,000	Linear Feet	Super Silt Fence
0770	907-237-A003		440	Linear Feet	Wattles, 20"
0780	907-245-A001		24	Linear Feet	Triangular Silt Dike
0790	907-246-A001		68	Linear Feet	Sandbags
0800	907-247-A001		3	Each	Temporary Stream Diversion
0810	907-249-A001		165	Ton	Riprap for Erosion Control
	Changed 03/20/2014				
0820	907-249-B001		83	Cubic Yard	Remove and Reset Riprap
	Changed 03/20/2014				
0830	907-304-B009	(GT)	8,460	Ton	Granular Material, Class 3, Group D
0840	907-407-A001	(A2)	1,435	Gallon	Asphalt for Tack Coat
0850	907-413-E001		172	Linear Feet	Sawing and Sealing Transverse Joints in Asphalt Pavement
0860	907-601-B003	(S)	5	Cubic Yard	Class "B" Structural Concrete, Minor Structures
0870	907-603-ALT01	(S)	564	Linear Feet	18" Type A Alternate Pipe
0880	907-605-O001	(S)	160	Linear Feet	6" Perforated Sewer Pipe for Underdrains, SDR 23.5
0890	907-605-P001	(S)	160	Linear Feet	6" Non-perforated Sewer Pipe for Underdrains, SDR 23.5
0900	907-617-A001		66	Each	Right-of-Way Marker
0910	907-618-C001		1	Lump Sum	Construction and Removal of Detour Bridge
0920	907-618-E001		5,500	Linear Feet	Detour Bridge Piling
0930	907-618-F003		1	Lump Sum	Detour Bridge PDA Test Pile
0940	907-626-C008		12,128	Linear Feet	6" Thermoplastic Edge Stripe, Continuous White
0950	907-626-D004		6,470	Linear Feet	6" Thermoplastic Traffic Stripe, Skip Yellow
0960	907-626-E003		437	Linear Feet	6" Thermoplastic Traffic Stripe, Continuous Yellow
0970	907-626-G004		1,224	Linear Feet	Thermoplastic Detail Stripe, White
0980	907-626-H004		318	Linear Feet	Thermoplastic Legend, White

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
0990	907-699-A002		1	Lump Sum	Roadway Construction Stakes ALTERNATE GROUP AA NUMBER 1
1000	907-304-F002	(GT)	3,038	Ton	Size 610 Crushed Stone Base ALTERNATE GROUP AA NUMBER 2
1010	907-304-F003	(GT)	3,038	Ton	3/4" and Down Crushed Stone Base ALTERNATE GROUP AA NUMBER 3
1020	907-304-F004	(GT)	3,038	Ton	Size 825B Crushed Stone Base ALTERNATE GROUP BB NUMBER 1
1030	907-403-A015	(BA1)	2,540	Ton	Hot Mix Asphalt, ST, 9.5-mm mixture ALTERNATE GROUP BB NUMBER 2
1040	907-403-M001	(BA1)	2,540	Ton	Warm Mix Asphalt, ST, 9.5-mm mixture ALTERNATE GROUP CC NUMBER 1
1050	907-403-A012	(BA1)	2,750	Ton	Hot Mix Asphalt, ST, 19-mm mixture ALTERNATE GROUP CC NUMBER 2
1060	907-403-M004	(BA1)	2,750	Ton	Warm Mix Asphalt, ST, 19-mm mixture ALTERNATE GROUP DD NUMBER 1
1070	907-403-C005	(BA1)	415	Ton	Hot Mix Asphalt, ST, 19-mm mixture, Trench Widening ALTERNATE GROUP DD NUMBER 2
1080	907-403-O001	(BA1)	415	Ton	Warm Mix Asphalt, ST, 19-mm mixture, Trench Widening ALTERNATE GROUP EE NUMBER 1
1090	907-626-JJ001		1,128	Linear Feet	6" Inverted Profile Thermoplastic Traffic Stripe, High Contrast, Continuous White
1100	907-626-KK001		564	Linear Feet	6" Inverted Profile Thermoplastic Traffic Stripe, High Contrast, Skip Yellow ALTERNATE GROUP EE NUMBER 2
1110	628-J002		1,128	Linear Feet	6" High Performance Cold Plastic Traffic Stripe, Continuous White
1120	628-L002		564	Linear Feet	6" High Performance Cold Plastic Traffic Stripe, Skip Yellow
Bridge Items					
1130	501-K001		2,489	Square Yard	Transverse Grooving
1140	803-B002	(S)	2	Each	Conventional Static Pile Load Test [\$5,000.00]
1150	803-C002	(S)	2,000	Linear Feet	14" x 14" Prestressed Concrete Piling
1160	803-C003	(S)	5,220	Linear Feet	16" x 16" Prestressed Concrete Piling
1170	803-I001	(S)	7	Each	PDA Test Pile
1180	803-J001	(S)	2	Each	Pile Restrike
1190	805-A001	(S)	229,676	Pounds	Reinforcement
1200	813-A002	(S)	1,126	Linear Feet	Concrete Railing, 32"
1210	815-A009	(S)	1,120	Ton	Loose Riprap, Size 300

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
1220	815-E001	(S)	1,712	Square Yard	Geotextile under Riprap
1230	907-804-A001	(S)	987	Cubic Yard	Bridge Concrete, Class AA
1240	907-804-C016	(S)	3,304	Linear Feet	40' Prestressed Concrete Beam, Type I+2



BID BOND

KNOW ALL MEN BY THESE PRESENTS, that we _____
Contractor

Address

City, State ZIP

as Principal, hereinafter called the Principal, and _____
Surety

a corporation duly organized under the laws of the state of _____

as Surety, hereinafter called the Surety, are held and firmly bound unto State of Mississippi, Jackson, Mississippi

As Obligee, hereinafter called Obligee, in the sum of **Five Per Cent (5%) of Amount Bid**
Dollars (\$ _____)

for the payment of which sum will and truly to be made, the said Principal and said Surety, bind ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

WHEREAS, the Principal has submitted a bid for **Replacing 5 Bridges on SR 7 from Humphreys County Line to US 82, known as Federal Aid Project No. BR-0061-02(008) / 103327301 in Leflore County.**

NOW THEREFORE, the condition of this obligation is such that if the aforesaid Principal shall be awarded the contract, the said Principal will, within the time required, enter into a formal contract and give a good and sufficient bond to secure the performance of the terms and conditions of the contract, then this obligation to be void; otherwise the Principal and Surety will pay unto the Obligee the difference in money between the amount of the bid of the said Principal and the amount for which the Obligee legally contracts with another party to perform the work if the latter amount be in excess of the former, but in no event shall liability hereunder exceed the penal sum hereof.

Signed and sealed this _____ day of _____, 20____

(Principal) (Seal)

(Witness)

By: _____
(Name) (Title)

(Surety) (Seal)

(Witness)

By: _____
(Attorney-in-Fact)

MS Agent

Mississippi Insurance ID Number

ADDENDUM

STATE	PROJECT NO.
MISS.	BR-0061-02(008)

DESCRIPTION OF SHEET

WORKING NUMBER

SHEET NUMBER

DETAILED INDEX
SUMMARY OF QUANTITIES
ESTIMATED QUANTITIES

DI-BR-1
SO-BR-1
EO-BR-1

8001
8002
8003

BRIDGE A - BRIDGE AT STA. 478+09.21 SR 7 ACROSS BECKHAM BAYOU

ELEVATION, GENERAL NOTES, & QUANTITIES

FOUNDATION PLAN

GENERALIZED SOIL PROFILE

END BENT NO. 1 & 9

END BENT DETAILS

INTERMEDIATE BENTS 2, 4, 6, & 8

INTERMEDIATE BENTS 3 & 7

INTERMEDIATE BENT 5

PLAN OF SPANS 1 & 2

PLAN OF SPANS 3 & 4

PLAN OF SPANS 5 & 6

PLAN OF SPANS 7 & 8

40 FT. SPAN DETAILS

MISCELLANEOUS SPAN DETAILS

2'-8" RAILING DETAILS

BEAM 40-1 DETAILS (TYPE 1+2)

BEAM 40-2 DETAILS (TYPE 1+2)

SEISMIC PRESTRESSED CONCRETE PILES (NON STANDARD)

A1
A2
A3
A4
A5
A6
A7
A8
A9
A10
A11
A12
A13
A14
A15
A16
A17
A18

8004
8005
8006
8007
8008
8009
8010
8011
8012
8013
8014
8015
8016
8017
8018
8019
8020
8021

BRIDGE B - BRIDGE AT STA. 822+85.21 SR 7 ACROSS MOSQUITO LAKE

ELEVATION, GENERAL NOTES, & QUANTITIES

FOUNDATION PLAN

GENERALIZED SOIL PROFILE

END BENT NO. 1 & 7

END BENT DETAILS

INTERMEDIATE BENTS 2 & 6

INTERMEDIATE BENTS 3 & 5

INTERMEDIATE BENT 4

PLAN OF SPANS 1 - 3

PLAN OF SPANS 4 - 6

40 FT. SPAN DETAILS

MISCELLANEOUS SPAN DETAILS

2'-8" RAILING DETAILS

BEAM 40-1 DETAILS (TYPE 1+2)

BEAM 40-2 DETAILS (TYPE 1+2)

SEISMIC PRESTRESSED CONCRETE PILES (NON STANDARD)

B1
B2
B3
B4
B5
B6
B7
B8
B9
B10
B11
B12
B13
B14
B15
B16

8022
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8029
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8032
8033
8034
8035
8036
8037

DETOUR BRIDGES

DETOUR BRIDGE AT STA. 22+86.00

DETOUR BRIDGE AT STA. 78+73.00

DBA1
DBB1

8038
8039

INFORMATION PLANS

PROJECT NO. MISS. PWA DOCKET 123905-2

8040

EROSION CONTROL PLANS

SR 7 ACROSS BECKHAM BAYOU

SR 7 ACROSS BECKHAM BAYOU

SR 7 ACROSS MOSQUITO LAKE

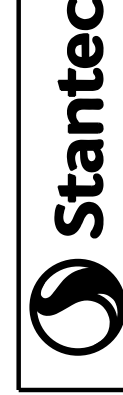
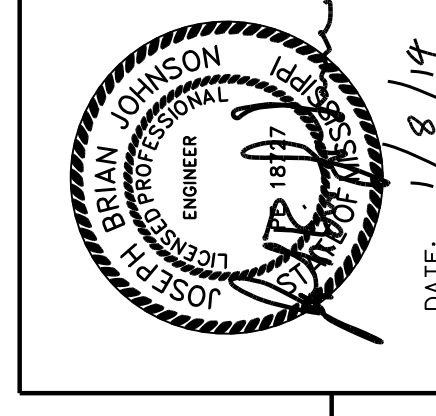
SR 7 ACROSS MOSQUITO LAKE

ECP-A1
ECP-A2
ECP-B1
ECP-B2

8041
8042
8043
8044

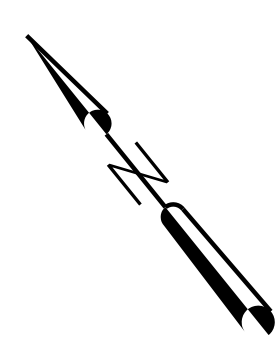
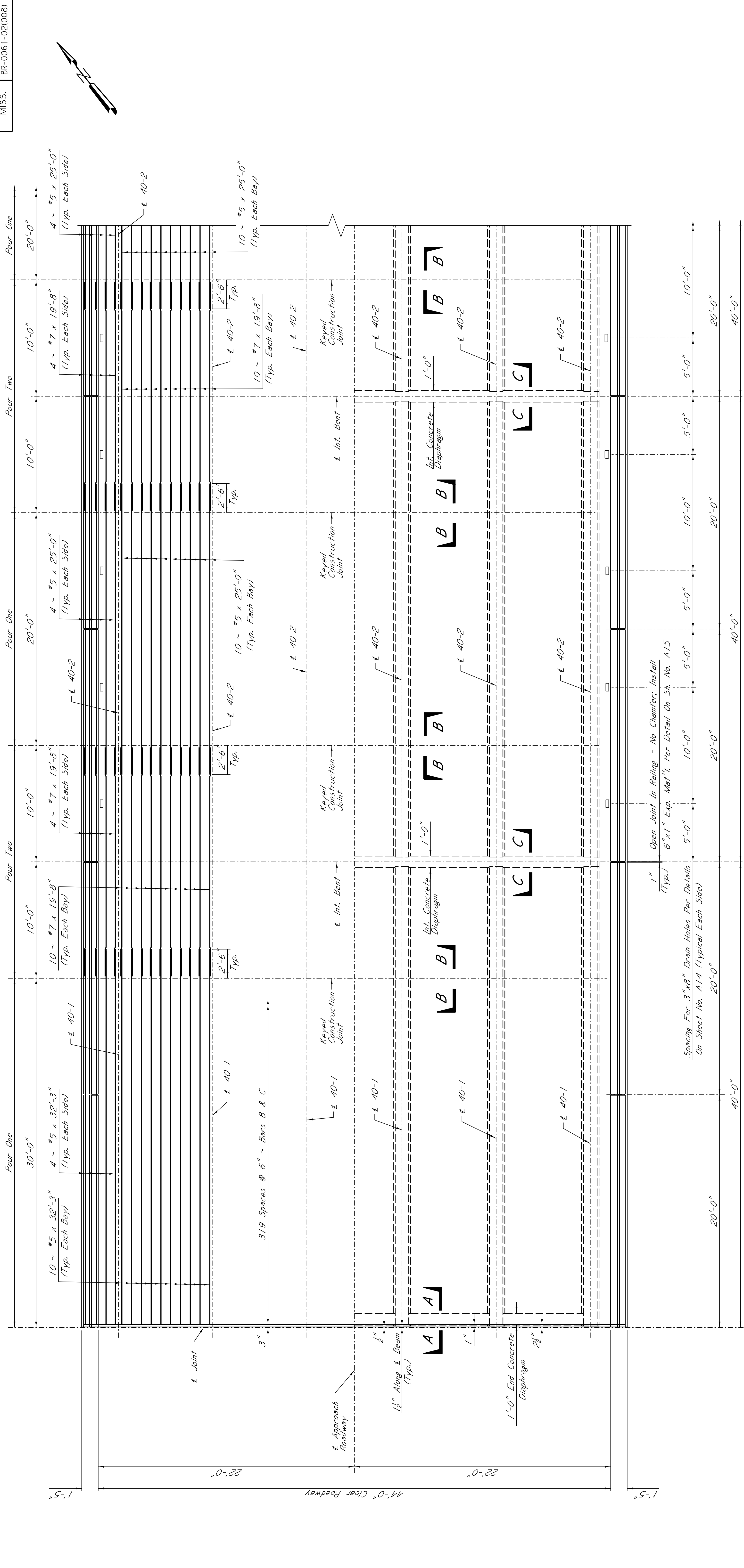
BRIDGE DIVISION	
REVISIONS	
DATE	SHEET NO. BY
3/3/14	8012-8015, 8030, 8031, 8038, 8039 JBJ

BY		MISSISSIPPI DEPARTMENT OF TRANSPORTATION
REVISIONS		DETAILED INDEX (BRIDGE)
DATE		PROJECT BR-0061-02(008)
		103327/301000
		LEFLORE COUNTY
		WORKING NUMBER DJ-BR-1
		SHEET NUMBER 8001
DESIGNED: HDP	PRG	TRACED_CADD
CHECKED: JBJ	ISSUED: NJA	DATE 1/8/14



ADDENDUM

STATE MISS. PROJECT NO. BR-0061-02(008)



BY	DATE	DESIGNED	HDP	PRG	TRACED	CADD	WORKING NUMBER
JBJ	3/3/14	REVISIONS	ISSUED	NJA	DATE	1/8/14	A9 of 18
<p>MISSISSIPPI DEPARTMENT OF TRANSPORTATION BRIDGE AT STA. 478+09.21</p> <p>PROJECT BR-0061-02(008) LEFLORE COUNTY</p> <p>PLAN OF SPANS 1 & 2</p>							<p>SHEET NUMBER 8012</p>

DATE: 1/8/14

DATE: 1/8/14



PLAN OF SPAN NO. 1
Top Half Showing Longitudinal Reinforcing In Top Of Slab
Bottom Half Showing Concrete Dimensions

PLAN OF SPAN NO. 2
Top Half Showing Longitudinal Reinforcing In Top Of Slab
Bottom Half Showing Concrete Dimensions

PLAN OF SPAN NO. 3
Top Half Showing Longitudinal Reinforcing In Top Of Slab
Bottom Half Showing Concrete Dimensions

TABLE OF RAILING BARS

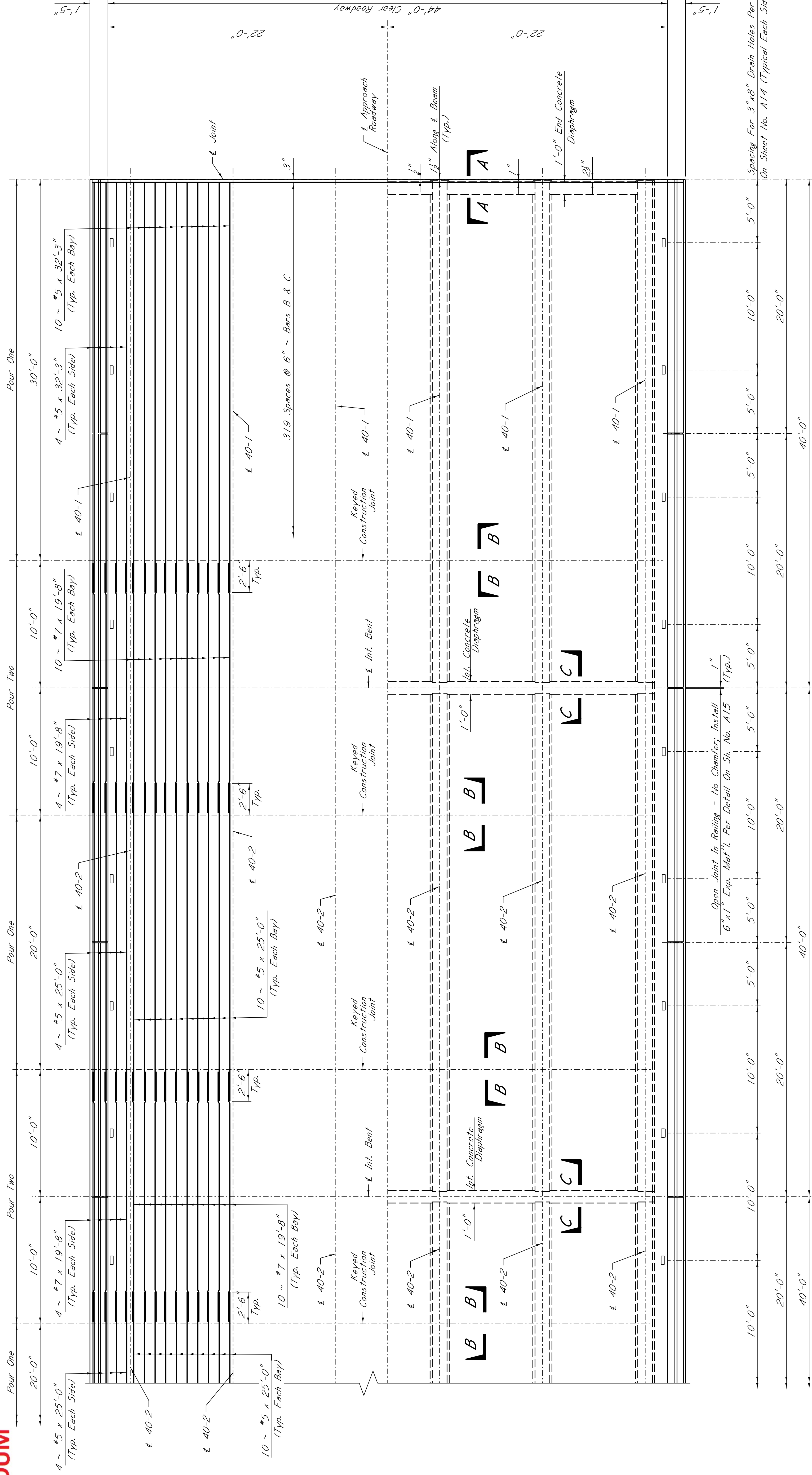
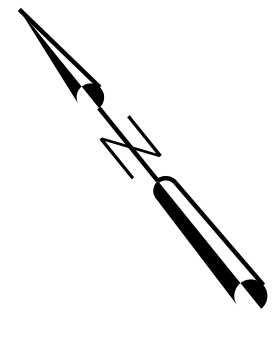
40 FT. SPAN	
Mat	No.
D	140
R	140

NOTES:
For Sections A-A & B-B, Typical Section, Details Of Transverse Reinforcing, Longitudinal Reinforcing In Bottom Of Slab & Bar Bending Details, See Sheet No. A13.
For General Notes, Span Notes And Additional Span Details, See Sheet No. A14.
For Prestressed Beam Details, See Sheet Nos. A16 & A17.
For Railing Details, See Sheet No. A15.

⚠ The Deck Pouring Schedule As Shown On These Plans Is Recommended And Shall Be Used Unless An Alternative Pouring Sequence Is Submitted And Approved By The Director Of Structures, State Bridge Engineer.

ADDENDUM

STATE MISS. PROJECT NO. BR-0061-02(008)



PLAN OF SPAN NO. 3

Top Half Showing Longitudinal Reinforcing In Top Of Slab
Bottom Half Showing Concrete Dimensions

PLAN OF SPAN NO. 4

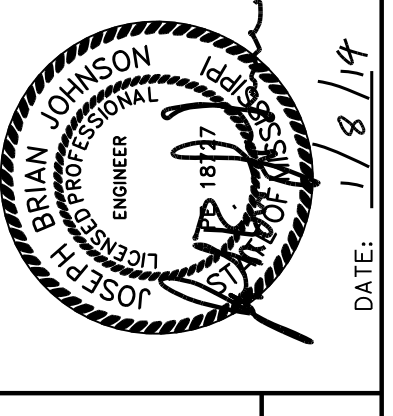
Top Half Showing Longitudinal Reinforcing In Top Of Slab
Bottom Half Showing Concrete Dimensions

MISSISSIPPI DEPARTMENT OF TRANSPORTATION
BRIDGE AT STA. 478+09.21

PLAN OF SPANS 3 & 4

PROJECT BR-0061-02(008)
LEFLORE COUNTY

DESIGNED: HDP	TRACED: CADD	WORKING NUMBER
CHECKED: JBJ	ISSUED: N/A	A10 of 18
DATE: 3/3/14	DATE: 1/8/14	SHEET NUMBER
REVISED NOTE	DATE	8013

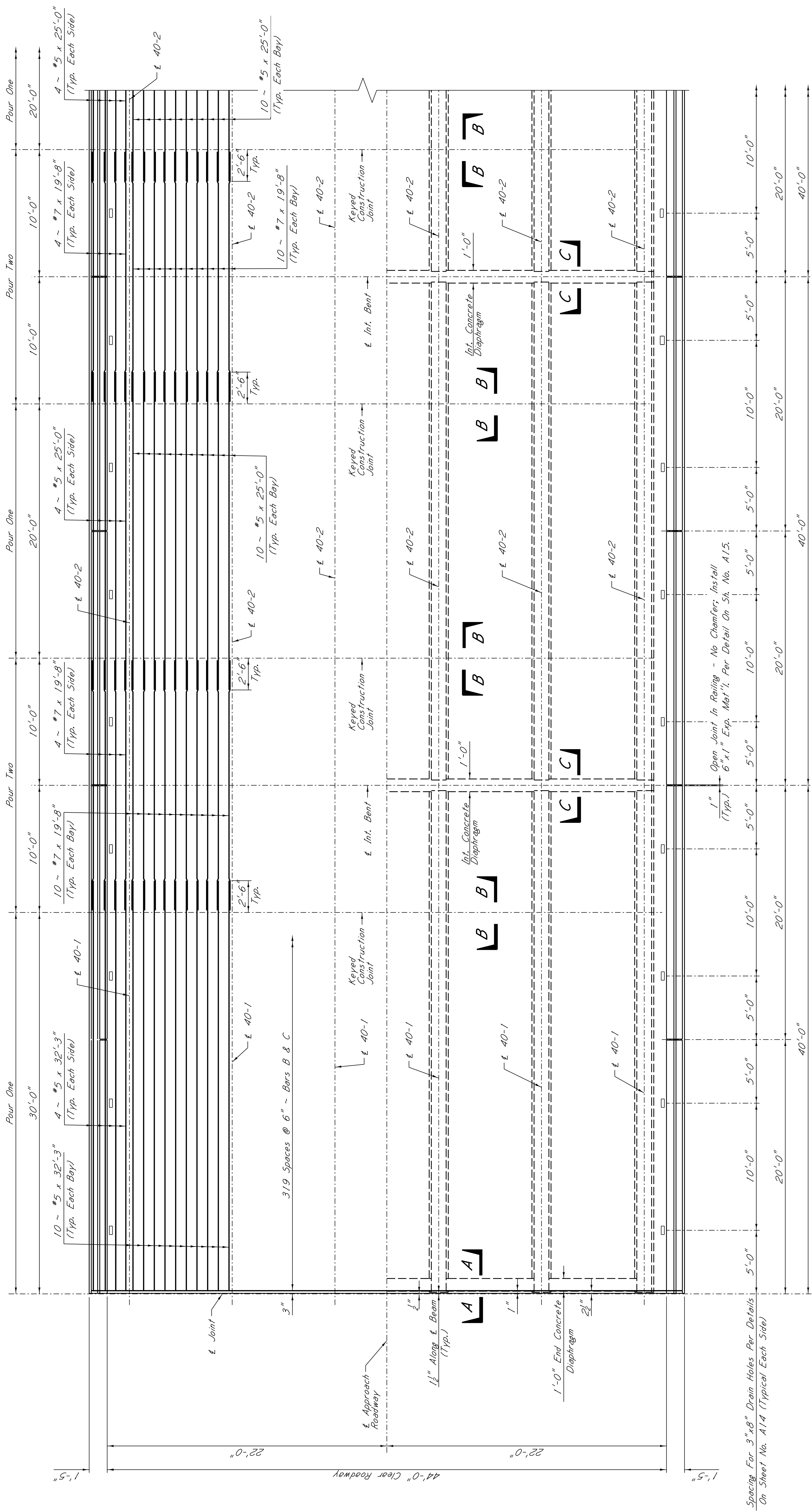
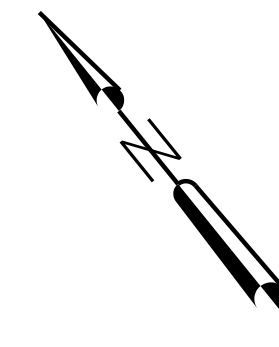


- NOTES:**
- For Sections A-A & B-B, Typical Section Details Of Transverse Reinforcing, Longitudinal Reinforcing In Bottom Of Slab & Bar Bending Details, See Sheet No. A13.
 - For General Notes, Span Notes And Additional Span Details, See Sheet No. A14.
 - For Prestressed Beam Details, See Sheet Nos. A16 & A17.
 - For Railing Details, See Sheet No. A15.
 - The Deck Pouring Schedule As Shown On These Plans Is Recommended And Shall Be Used Unless An Alternative Pouring Sequence Is Submitted And Approved By The Director Of Structures, State Bridge Engineer.

40 FT. SPAN	No.
D	140
R	140

ADDENDUM

STATE MISS. PROJECT NO. BR-0061-02(008)



PLAN OF SPAN NO. 5

Top Half Showing Longitudinal Reinforcing In Top Of Slab
Bottom Half Showing Concrete Dimensions

PLAN OF SPAN NO. 6

Top Half Showing Longitudinal Reinforcing In Top Of Slab
Bottom Half Showing Concrete Dimensions

7

NOTES:
For Sections A-A & B-B, Typical Section, Details Of Transverse Reinforcing, Longitudinal Reinforcing In Bottom Of Slab & Bar Bending Details, See Sheet No. A13.

For General Notes, Span Notes And Additional Span Details, See Sheet No. A14.

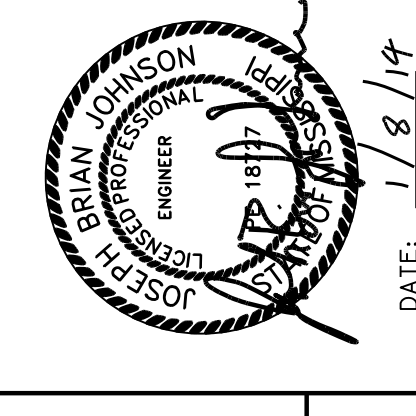
For Prestressed Beam Details, See Sheet Nos. A16 & A17.

For Railing Details, See Sheet No. A15.

The Deck Pouring Schedule As Shown On These Plans Is Recommended And Shall Be Used Unless An Alternative Pouring Sequence Is Submitted And Approved By The Director Of Structures, State Bridge Engineer.

TABLE OF RAILING BARS

40 FT. SPAN	
Mat	No.
D	140
R	140



MISSISSIPPI DEPARTMENT OF TRANSPORTATION
BRIDGE AT STA. 478+09.21
PLAN OF SPANS 5 & 6

PROJECT BR-0061-02(008)
103327/301000

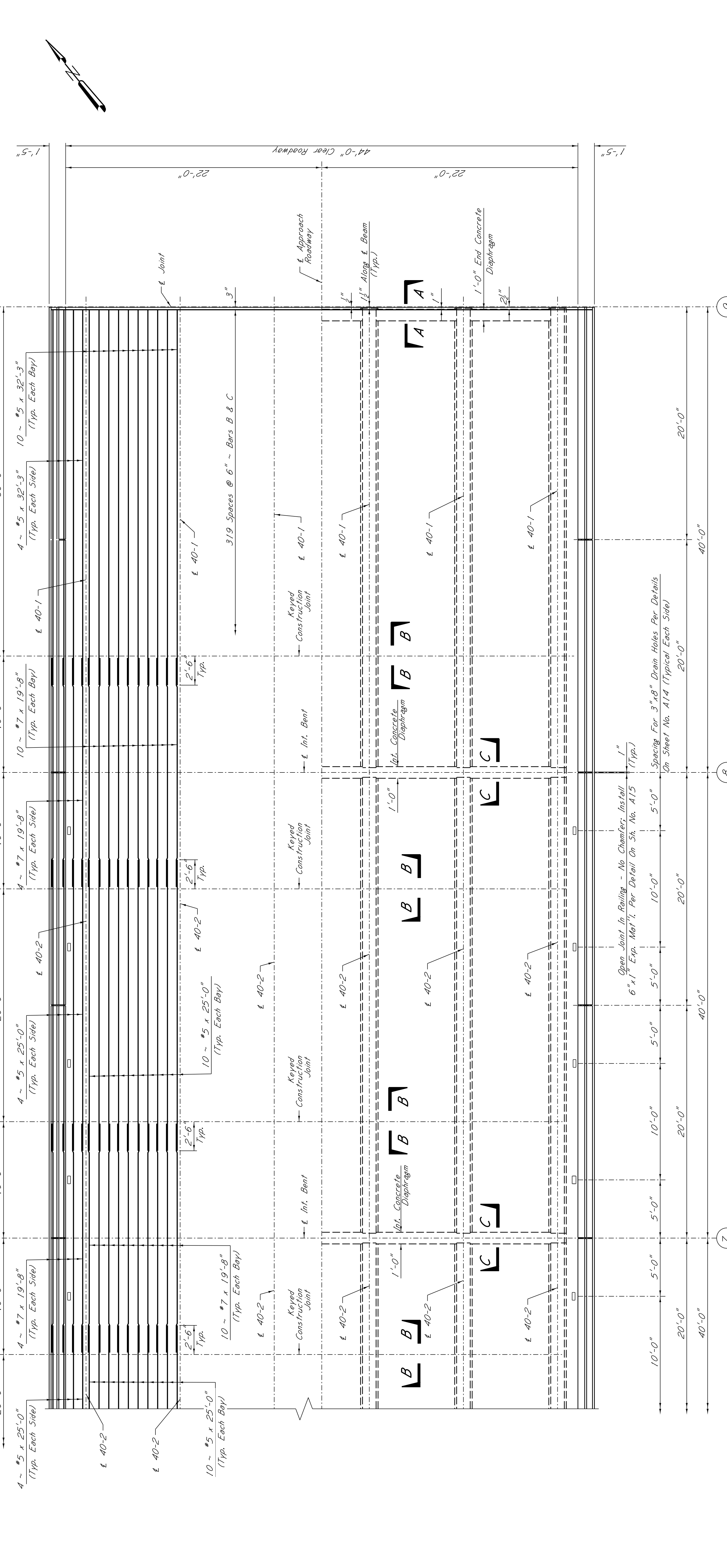
LEFLORE COUNTY

WORKING NUMBER: A11 of 18
SHEET NUMBER: 8014

DATE: 3/3/14
DESIGNED: HDP
CHECKED: JBJ
ISSUED: N/A
DATE: 1/8/14
PRG: TRACED
CADD: 1/8/14

ADDENDUM

STATE MISS. PROJECT NO. BR-0061-02(008)



PLAN OF SPAN NO. 7

Top Half Showing Longitudinal Reinforcing In Top Of Slab
Bottom Half Showing Concrete Dimensions

PLAN OF SPAN NO. 8

Top Half Showing Longitudinal Reinforcing In Top Of Slab
Bottom Half Showing Concrete Dimensions

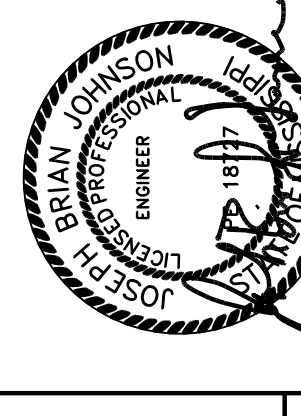
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40 FT. SPAN	No.
D	140
R	140

MISSISSIPPI DEPARTMENT OF TRANSPORTATION
BRIDGE AT STA. 478+09.21

PLAN OF SPANS 7 & 8

PROJECT BR-0061-02(008)
103327/301000
LEFLORE COUNTY



DESIGNED: HDP
CHECKED: JBJ
DATE: 3/3/14

PRG: TRACED
ISSUED: N/A
DATE: 1/8/14

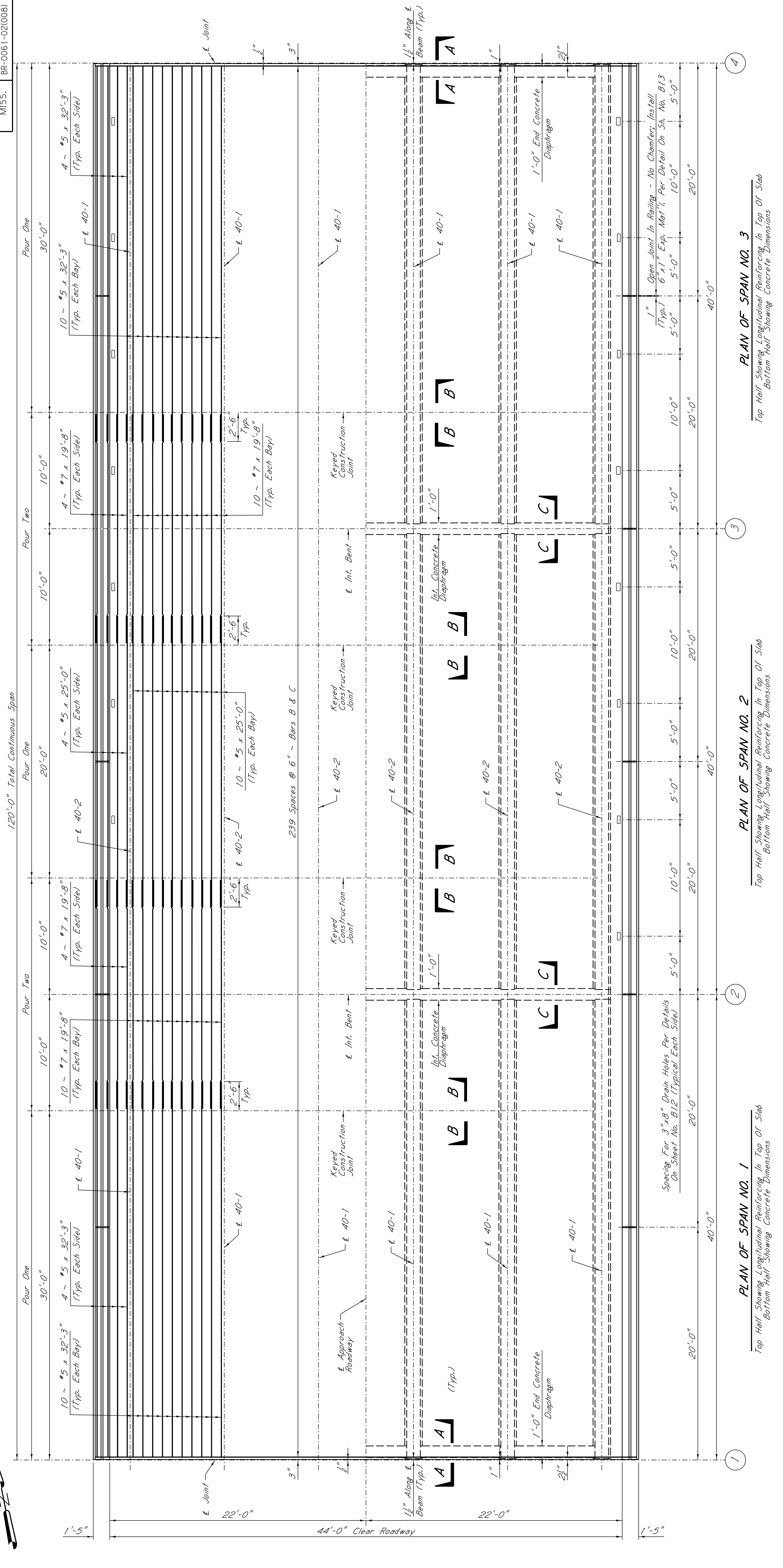
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SHEET NUMBER: 8015

NOTES:
For Sections A-A & B-B, Typical Section, Details Of Transverse Reinforcing, Longitudinal Reinforcing In Bottom Of Slab & Bar Bending Details, See Sheet No. A13.
For General Notes, Span Notes And Additional Span Details, See Sheet No. A14.
For Prestressed Beam Details, See Sheet Nos. A16 & A17.
For Railing Details, See Sheet No. A15.

The Deck Pouring Schedule As Shown On These Plans Is Recommended And Shall Be Used Unless An Alternative Pouring Sequence Is Submitted And Approved By The Director Of Structures, State Bridge Engineer.

ADDENDUM

STATE PROJECT NO.
MISS. BR-0061-02(008)



PLAN OF SPAN NO. 1

Top Half Showing Longitudinal Reinforcing In Top Of Slab
Bottom Half Showing Concrete Dimensions

PLAN OF SPAN NO. 2

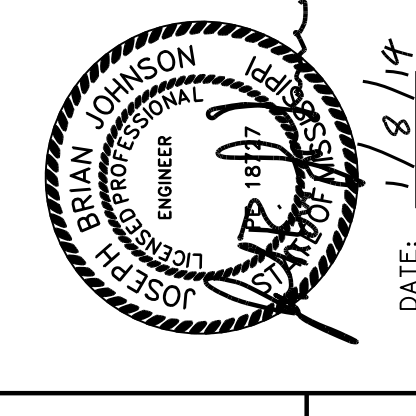
Top Half Showing Longitudinal Reinforcing In Top Of Slab
Bottom Half Showing Concrete Dimensions

PLAN OF SPAN NO. 3

Top Half Showing Longitudinal Reinforcing In Top Of Slab
Bottom Half Showing Concrete Dimensions

NOTES:
For Sections A-A & B-B Typical Section Details Of Transverse Reinforcing, Longitudinal Reinforcing In Bottom Of Slab & Bar Bending Details, See Sheet No. B11.
For General Notes, Span Notes And Additional Span Details, See Sheet No. B12.
For Prestressed Beam Details, See Sheet Nos. B14 & B15.
For Railing Details, See Sheet No. B13.
The Deck Pouring Schedule As Shown On These Plans Is Recommended And Shall Be Used Unless An Alternative Pouring Sequence Is Submitted And Approved By The Director Of Structures, State Bridge Engineer.

40 FT. SPAN	MARK	NO.
	D	1-40
	R	1-40



MISSISSIPPI DEPARTMENT OF TRANSPORTATION
BRIDGE AT STA. 822+85.21

PLAN OF SPANS 1-3

PROJECT BR-0061-02(008)
LEFLORE COUNTY

DESIGNED: HDP
CHECKED: JBJ

DATE: 3/3/14
REVISIONS

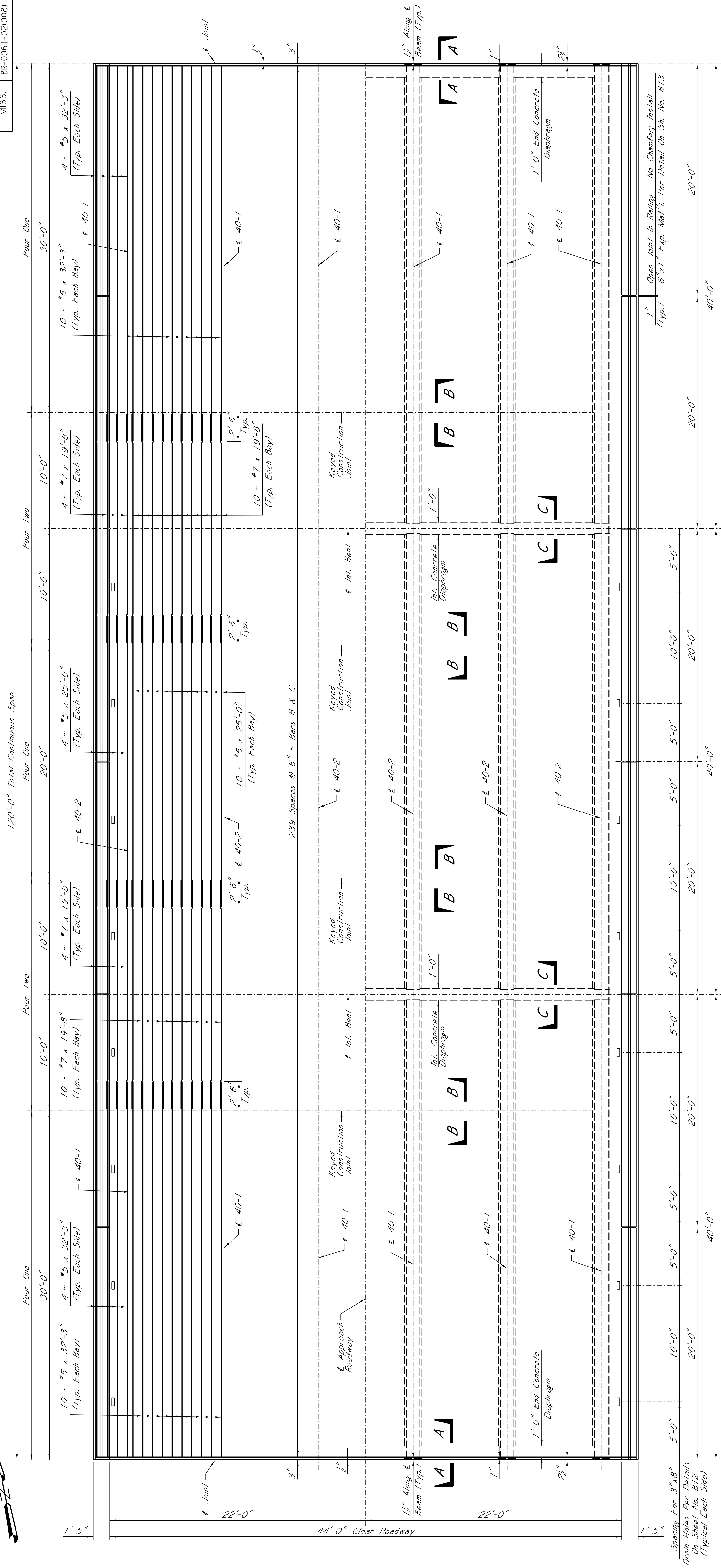
PRG: TRACED-CADD
ISSUED: 1/8/14

DATE: 1/8/14

WORKING NUMBER: B9 of 16
SHEET NUMBER: 8030

ADDENDUM

STATE PROJECT NO.
MISS. BR-0061-02(008)



PLAN OF SPAN NO. 4
Top Half Showing Longitudinal Reinforcing In Top Of Slab
Bottom Half Showing Concrete Dimensions

PLAN OF SPAN NO. 5
Top Half Showing Longitudinal Reinforcing In Top Of Slab
Bottom Half Showing Concrete Dimensions

PLAN OF SPAN NO. 6
Top Half Showing Longitudinal Reinforcing In Top Of Slab
Bottom Half Showing Concrete Dimensions

NOTES:
 For Sections A-A & B-B, Typical Section, Details Of Transverse Reinforcing, Longitudinal Reinforcing In Bottom Of Slab & Bar Bending Details, See Sheet No. B11.
 For General Notes, Span Notes And Additional Span Details, See Sheet No. B12.
 For Prestressed Beam Details, See Sheet Nos. B14 & B15.
 For Railing Details, See Sheet No. B13.
 The Deck Pouring Schedule As Shown On These Plans Is Recommended And Shall Be Used Unless An Alternative Pouring Sequence Is Submitted And Approved By The Director Of Structures, State Bridge Engineer.

TABLE OF RAILING BARS	
40 FT. SPAN	
Mark	No.
D	140
R	140

MISSISSIPPI DEPARTMENT OF TRANSPORTATION
BRIDGE AT STA. 822+85.21
PLAN OF SPANS 4-6

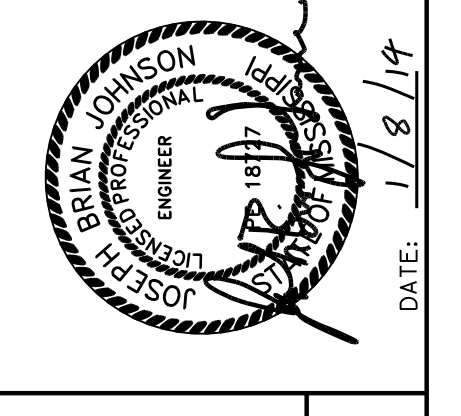
PROJECT BR-0061-02(008)
LEFLORE COUNTY

DESIGNED: HDP
CHECKED: JBJ

DATE: 3/3/14
REVISED: 1/8/14

PRG: TRACED-CADD
ISSUED: 1/8/14

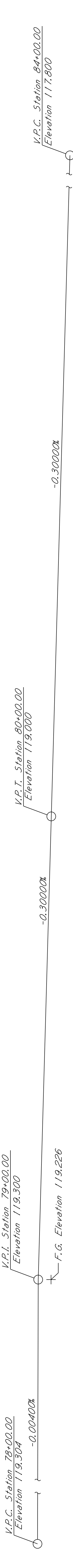
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SHEET NUMBER: 8031



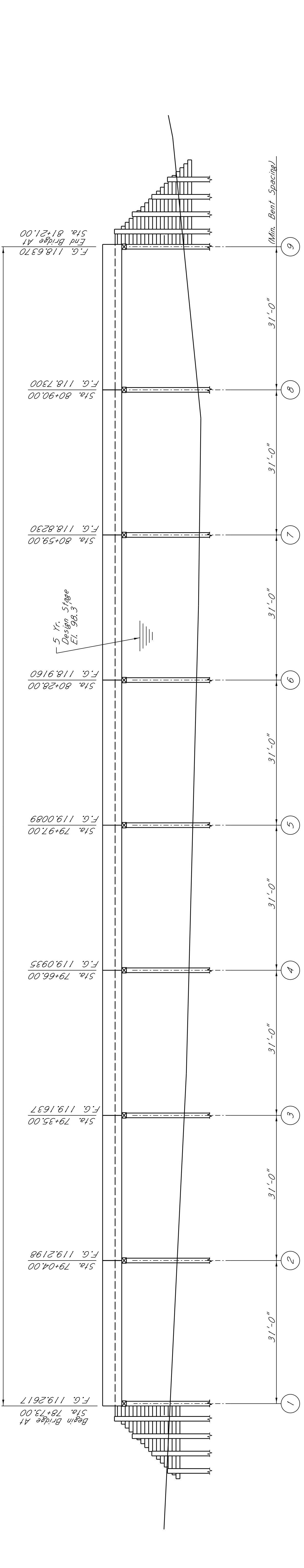
DATE: 1/8/14

ADDENDUM

STATE	PROJECT NO.
MISS.	BR-0061-02(008)



Total Length Of Bridge = 248'-0" Min.



DETOUR BRIDGE ACROSS BECKHAM BAYOU

Scale: 1" = 10'-0"

NOTE TO CONTRACTOR:

The Contractor shall employ the service of a registered Professional Engineer who is knowledgeable and proficient in the field of bridge design.

The Contractor's Design Engineer shall determine the required ultimate pile bearing capacities based on the use of Pile Dynamic Analysis (PDA) for the condition/bearing resistance determination method per the AASHTO LRPD Bridge Design Specifications.

The Contractor's Design Engineer will be responsible for providing the Pile Dynamic Analysis (PDA) and for establishing the production pile driving criteria.

The Contractor's Design Engineer shall determine the lengths of all test piles and production piles.

The following exceptions to the AASHTO LRPD Bridge Design Specifications will be allowed for the design of Detour Bridges:

- (1) The design of the substructure of the Detour Bridge shall be made to satisfy all requirements and specifications of the following Limit States: Strength I, Strength II, and Fatigue I.
- (2) With PDA pile testing, the Detour Bridge Piling being performed and analyzed by the Contractor's Design Engineer, a value of 0.85 for the condition/resistance factor for Driven Piles may be used to set Final Detour Bridge Pile lengths.
- (3) The Design Vehicular Loading (Truck + Lane) used may be 75% of the HL-93 Live Loading.

A complete set of bridge detail drawings, bearing the official seal of the Contractor's Design Engineer, along with design calculations, shall be submitted to the Project Engineer and the Director of Structures, State Bridge Engineer for review. The submittal shall specify the bridge span arrangement, configuration, location, minimum geometric and loading requirements, verification of ground line elevations and effective area of opening. The submittal shall also specify the LRPD factored pile loading (Strength II), the required ultimate pile bearing capacities based on the condition/resistance determination method used, type and estimated design test pile production rates, the spacing and finish grade at length of test pile and right-of-way.

The Contractor's erosion control plan shall address the construction, maintenance, and removal of the detour bridge. The detour bridge shall be long enough such that spill-through slopes of abutments do not spill over into the channel.

Prior to opening the detour bridge to traffic, the Contractor shall submit test pile data and pile records to the Engineer for review and shall provide MDOT written certification from the Contractor's Design Engineer that construction of the bridge was in full accordance with the design plans.

Any deviations in construction of the detour bridge from the detour bridge design plans shall require the Contractor's Design Engineer to provide corrected calculations and corresponding revisions made, to the detour bridge plans which shall be stamped by the Contractor's Design Engineer.

GENERAL NOTES:

Specifications: MISSISSIPPI Standard Specifications for Road and Bridge Construction 2004.

The detour bridge shall be designed and furnished by the Contractor (See NOTE TO CONTRACTOR).

The detour bridge deck surface shall be of concrete, asphalt, or other skid resistant material subject to approval by MDOT.

The detour bridge superstructure shall be constructed of new or used precast concrete units, steel beams, steel framing or prestressed concrete units. Used units or components shall be in good, sound condition having no visible defects. All elements shall be compatible.

Use of open-grid bridge decking will not be permitted.

The bridge railing shall have a minimum LRFD rating of test level Two (TL-2).

Rough, untreated hardwood timber may be used for the construction of bulkheads or bent caps.

Used timber shall be in good, sound condition.

Used piles shall be steel, driven, and treated. Section 719 of the Specifications. Piling size shall be driven to bearing sufficient to meet pile bearing requirements and ensure stability of the substructure.

During the time the detour bridge is in place, the waterway shall be kept free of all obstructions to the free flow of water.

After the permanent structure has been opened, the detour bridge shall be removed by the Contractor.

All material furnished by the Contractor and used in construction with the detour bridge shall remain the property of the Contractor and shall be removed from the site.

Test piles shall be driven out of position and shall be removed to a minimum of one foot (1'-0") below the ground line upon acceptance by the Project Engineer.

Minimum requirements for location and number of test piles are as follows:

- (1) The number of intermediate bent test piles shall be calculated by dividing the total detour bridge length by 200 ft, rounded to the nearest whole number and will be for a minimum of one pile.
- (2) One abutment test pile is required for bridge lengths less than 400 ft.
- (3) One abutment test pile of each abutment is required for bridge lengths greater than or equal to 400 ft.

Detour bridge piles shall be pulled or cut off a minimum of one foot (1'-0") below the ground line.

The skew angle shown on this sheet is based upon the utilization of the span length shown hereon. The Contractor's Design Engineer may adjust degrees from that shown on the detour bridge sheet. In this event, additional bridge length will be required to offset flow restrictions and reductions to the effective bridge opening. The Contractor should be aware that using a skew angle that does not match the direction of stream flow will be more likely to cause adverse substructure scour and drift collection. In such cases, the Contractor's detour bridge submittal shall include a plan to address potential scour and drift effects by utilizing methodologies such as substructure bracing/strengthening, rip rap protection, brush deflectors, deeper pile penetration, stronger more durable pile types and bridge inspection with drift removal during storm events.

The detour bridge configuration and intended to meet the minimum effective opening requirements shown in the drainage data on this sheet. Use of bridge configurations that incorporate spill-through slopes may require additional bridge length to meet the minimum effective opening requirements. Additional bridge length, span length and/or other bridge adjustments, required to address minimum effective opening requirements, site conditions and/or erosion control requirements will not be cause for additional compensation.

Payment for the detour bridge work will be made under the pay items in Special Provision 907-618.

Work for which no pay item is provided in the proposal will not be paid for directly and compensation therefor will be included in the prices and payments for bid items.

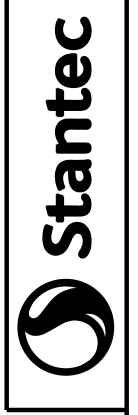
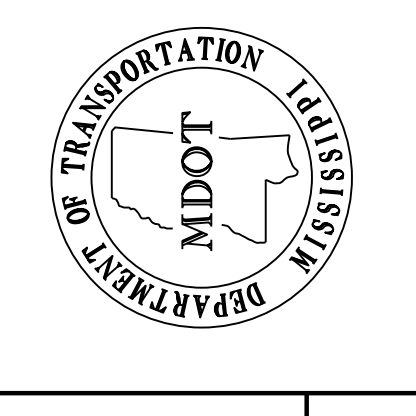
DRAINAGE DATA:

Drainage Area	4.9 sq. mi.
05 U.S.G.S.	360 c.f.s.
Min. Effective Area Required	400 sq. ft.
Min. Low Chord Elevation	6 Above 05 Design Stage Elev.
Effective Area Provided	400 sq. ft.
Skew Angle	0 Degrees

DESIGN DATA:

Specifications	A.A.S.H.T.O., LRFD 2010
Loading	HL-93
Minimum Roadway Width	24'-0" Gutter To Gutter
Seismic Performance Zone	2
Seismic Site Class Definition	D
Seismic Operational Importance	Other

MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
DETOUR BRIDGE AT STA. 78+73.00	
ACROSS BECKHAM BAYOU	
PROJECT	BR-0061-02(008)
LEFLORE COUNTY	103327/301000
WORKING NUMBER	DBA1 of 1
SHEET NUMBER	8038
DATE	3/3/14
REVISIONS	GENERAL NOTES
DESIGNED	HDP
CHECKED	JBU
ISSUED	NJA
PRG	TRACED
CADD	1/8/14

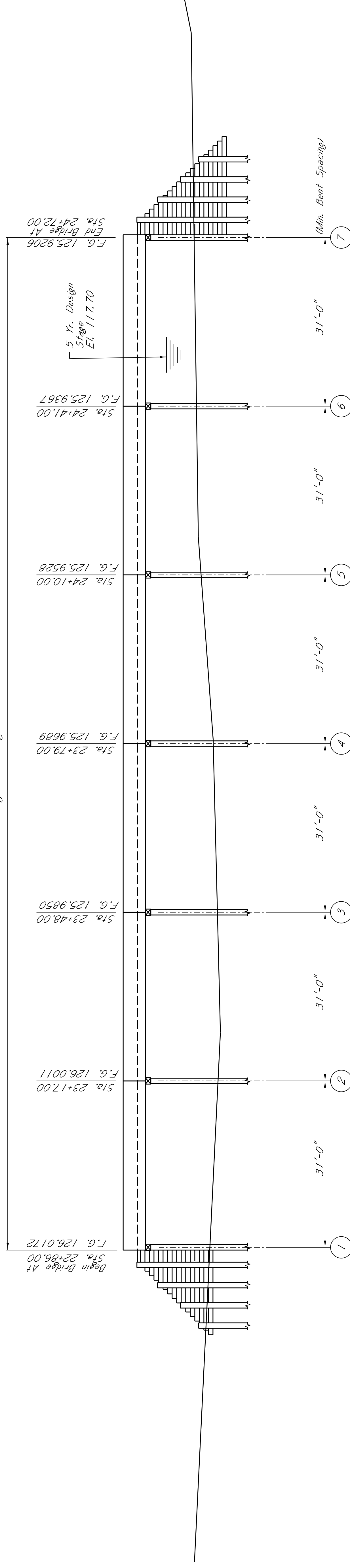


ADDENDUM

V.P.L. Station 18+00.00
Elevation 126.270

-0.05200%

Total Length Of Bridge = 186'-0" Min.



DETOUR BRIDGE ACROSS MOSQUITO LAKE

Scale: 1" = 10'-0"

NOTE TO CONTRACTOR:

The Contractor shall employ the service of a registered Professional Engineer who is knowledgeable and proficient in the field of bridge design. The Contractor's Design Engineer shall determine the required ultimate pile bearing capacities based on the use of Pile Dynamic Analysis (PDA) or LRPD Bridge Design Specifications. The Contractor shall provide PDA or LRPD Bridge Design Specifications. The Contractor shall be responsible for providing the Pile Dynamic Analysis (PDA) and for establishing the production pile driving criteria. The Contractor's Design Engineer shall determine the lengths of all test piles and production piles. The following exceptions to the AASHTO LRPD Bridge Design Specifications will be allowed for the design of Detour Bridges: (1) The design of the substructure of the Detour Bridge shall be made to satisfy the requirements of the following Limit States: Strength I, Strength III, Strength V, and Service I. (2) With PDA pile tests for the Detour Bridge Piling being performed and analyzed by the Contractor's Design Engineer, a value of 0.85 for the condition/resistance factor for Driven Piles may be used to determine ultimate pile lengths. (3) HL-93 in the final Detour Bridge pile drawings, bearing the official seal of the Contractor's Design Engineer, along with design calculations, shall be submitted to the Project Engineer and the Director of Structures, State Bridge Engineer for review. The submittal shall specify the bridge span arrangement, configuration, location, minimum geometric and loading area of opening. The submittal shall also specify the LRPD factored pile loading (Strength II), the required ultimate pile bearing capacities based on the condition/resistance determination method used, type and estimated length of test and production piling, the stationing and finish grade at each bent and total length of the detour bridge. The Contractor's erosion control plan shall address the construction, maintenance, and removal of the detour bridge. The detour bridge shall be long enough such that spill-through slopes of abutments do not spill over into the channel. Prior to opening the detour bridge to traffic, the Contractor shall submit test and pile records to the Engineer for review and shall provide MDDT written certification from the Contractor's Design Engineer that construction of the bridge was in full accordance with the design plans. Any deviations in construction of the detour bridge from the detour bridge design plans shall require the Contractor's Design Engineer to provide corrected calculations and corresponding revisions made to the detour bridge plans which shall be stamped by the Contractor's Design Engineer.

GENERAL NOTES:

Specifications: MISSISSIPPI Standard Specifications for Road and Bridge Construction, 2004. The detour bridge shall be designed and furnished by the Contractor (see NOTE TO CONTRACTOR). The detour bridge deck surface shall be of concrete, asphalt, or other surface to be approved by MDDT. The detour bridge structure shall be constructed of new or used precast concrete units, steel beams, steel framing or prestressed concrete units. Used units or components shall be in good, sound condition having no visible defects. All elements shall be compatible. Use of open-grid bridge decking will not be permitted. The bridge railing shall have a minimum LRPD rating of test level two (TL-2). Rough, untreated hardwood timber may be used for the construction of bulkheads or bent caps. Untreated timber piles may be used. Piling size shall be as designated in Section 719 of the Specifications. Piling shall be driven to bearing sufficient to meet pile bearing requirements and ensure stability of the substructure. During the time the detour bridge is in place, the waterway shall be kept free of all obstructions to the free flow of water. After the bent has been accepted for traffic, the detour bridge shall be removed by the Contractor. All material furnished by the Contractor and used in construction with the detour bridge shall remain the property of the Contractor and shall be removed from the site. Test piles shall be driven out of position and shall be removed to a minimum of one foot (1.00) below the ground line upon acceptance by the Project Engineer. Minimum requirements for location and number of test piles are as follows: (1) The number of intermediate bent test piles shall be calculated by dividing the total detour bridge length by 120 ft, rounded to the nearest whole number and shall be a minimum of one test pile. (2) One abutment test pile is required for bridge lengths less than 400 ft. (3) One abutment test pile at each abutment is required for bridge lengths greater than or equal to 400 ft.

Detour bridge piles shall be pulled or cut off a minimum of one foot (1.00) below the ground line. The skew angle shown on this sheet is based upon the utilization of the span lengths shown herein. The Contractor's Design Engineer may adjust the skew angle that the detour bridge a maximum of plus or minus 15 degrees. Additional bridge length will be required to adjust the skew angle, and reductions to the effective bridge opening. The Contractor should be aware that using a skew angle that does not match the direction of stream flow will be more likely to cause adverse substructure scour and drift collection. In such cases, the Contractor's detour bridge submittal shall include a plan to address potential scour and drift effects by utilizing methodologies such as substructure bracing/strengthening, rip rap protection, brush deflectors, pile penetration, stronger/more durable pile types and bridge inspection with drift removal during storm events. The detour bridge length and span arrangement shown hereon utilizes a bulkhead abutment configuration and is intended to meet the minimum effective opening requirements that incorporate spill-through slopes may require additional bridge length to meet the minimum effective opening requirements. Additional bridge length, span length and/or other bridge site conditions and/or erosion control requirements will not be cause for additional compensation. Payment for the detour bridge will be made under the pay items in Special Provision 907-618. Work for which no pay item is provided in the proposal will not be paid for directly and compensation therefor will be included in the prices and payments for bid items.

DRAINAGE DATA:

Drainage Area: 5.0 sq. mi.
05 U.S.G.S.: 600 c.f.s.
Min. Effective Area Required: 640 sq. ft.
Min. Low Chord Elevation: 6 Above 05 Design Stage Elev.
Effective Area Provided: 640 sq. ft.
Skew Angle: 0 Degrees

DESIGN DATA:

Specifications: A.A.S.H.T.O., LRFD 2010
Loading: HL-93
Minimum Roadway Width: 24'-0" Gutter To Gutter
Minimum Roadway Width: 24'-0" Gutter To Gutter
Seismic Performance Zone: 2
Seismic Soil Site Class: D
Seismic Operational Class: Other

BY	DATE	DESIGNED	HDP	DETAILED	PRG	TRACED	CADD	WORKING NUMBER
JBU	3/3/14	JBU						DBB1 of 1
		REVISIONS						SHEET NUMBER
		GENERAL NOTES						8039

MISSISSIPPI DEPARTMENT OF TRANSPORTATION
DETOUR BRIDGE AT STA. 22+86.00
ACROSS MOSQUITO LAKE

PROJECT BR-0061-02(008)
103327/301000
LEFLORE COUNTY

