

SECTION 905 -- PROPOSAL (CONTINUED)

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

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

ADDENDUM NO.	<u>1</u>	DATED	<u>3/16/2018</u>	ADDENDUM NO.	_____	DATED	_____
ADDENDUM NO.	_____	DATED	_____	ADDENDUM NO.	_____	DATED	_____
ADDENDUM NO.	_____	DATED	_____	ADDENDUM NO.	_____	DATED	_____

Number

Description

- 1 Revised or Added Plan Sht. Nos. 2, 10, 14, 16, 37, 8001, & 8007; 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-0524-00(008)/ 101707301000

Leake County(ies)

Revised 01/26/2016

STATE	PROJECT NO.
MISS.	BR-0524-00(008)

DESCRIPTION OF SHEET	WKG. NO.	SH. NO.	DESCRIPTION OF SHEET	WKG. NO.	SH. NO.
TITLE SHEET (1)		1	SPECIAL DESIGN SHEETS (9)		
DETAILED INDEX & GENERAL NOTES (4)			RIGHT OF WAY MARKERS - COORDINATES	ROW-1	37
			EASEMENT COORDINATES	ROW-2	38
			VEGETATION SCHEDULE	VS-1	39
DETAILED INDEX	DI-1	2	PRELIMINARY EROSION CONTROL PLANS BRIDGE #4.1	ECP-3	40
DETAILED INDEX	DI-2	3	PRELIMINARY EROSION CONTROL PLANS BRIDGE #7.5	ECP-4	41
GENERAL NOTES	GN-1	4			
GENERAL NOTES	GN-2	5	SUPERELEVATION CASE I ROTATION ABOUT CENTERLINE (2% NORMAL SUBGRADE)	SDSE-2A	42
TYPICAL SECTION SHEETS (4)			SUPERELEVATION RUNOFF CASE I ROTATION ABOUT CENTERLINE	SDRO-1	43
			PIPE CULVERT INSTALLATION	SDPI-1	44
			GUARDRAIL: TYPICAL INSTALLATION AT BRIDGE APPROACHES FOR 2-LANE, 2-WAY HIGHWAY	SDGR-4A	45
TYPICAL SECTION: SR 488 NEW CONSTRUCTION	TS-1	6	ROADWAY STANDARD DRAWINGS (53)		
TYPICAL SECTION: MISCELLANEOUS DETAILS	TS-2	7			
TYPICAL SECTION: DRIVEWAYS	TS-3	8			
MISCELLANEOUS DETAILS	TS-4	9			
QUANTITY SHEETS (10)			BRIDGE END PAVEMENT WITH RAIL, OVERLAY, AND SLEEPER SLAB (NEW CONSTRUCTION)	BE-1	6007
			BRIDGE END PAVEMENT RAIL (33.5" RAIL OVERLAY)	BER-1	6009
SUMMARY OF QUANTITIES	SQ-1	10	PAVEMENT MARKING DETAILS FOR 2-LANE AND 4-LANE DIVIDED HIGHWAYS	PM-1	6051
SUMMARY OF QUANTITIES	SQ-2	11	TYPICAL TEMPORARY EROSION CONTROL /SEDIMENT CONTROL APPLICATIONS	ECD-1	6101
SUMMARY OF QUANTITIES	SQ-3	12	DETAILS OF SEDIMENT BARRIER APPLICATIONS	ECD-2	6102
			DETAILS OF SILT FENCE INSTALLATION	ECD-3	6103
ESTIMATED QUANTITIES: REMOVAL ITEMS	EQ-1	13	DITCH CHECK STRUCTURES, TYPICAL APPLICATION AND DETAILS	ECD-4	6104
ESTIMATED QUANTITIES: EARTHWORK AND JUNCTION BOXES	EQ-2	14	TEMPORARY EROSION, SEDIMENT, AND WATER POLLUTION CONTROL	ECD-5	6105
ESTIMATED QUANTITIES: BRIDGE END PAVEMENT AND GUARDRAIL	EQ-3	15	MEASURES (SILT FENCE AND HAY BALE DITCH CHECKS)		
ESTIMATED QUANTITIES: DRIVEWAYS AND SUMMARY OF DRAINAGE	EQ-4	16	DETAILS OF EROSION CONTROL WATTLE DITCH CHECK	ECD-6	6106
ESTIMATED QUANTITIES: SILT BASINS	EQ-5	17			
ESTIMATED QUANTITIES: PAVEMENT MARKING AND CONSTRUCTION SIGNAGE	EQ-6	18	DETAILS OF EROSION CONTROL SILT DIKE DITCH CHECK	ECD-7	6107
ESTIMATED QUANTITIES FOR TRAFFIC CONTROL	EQ-7	19	ROCK DITCH CHECK	ECD-8	6108
			ROCK FILTER DAM	ECD-9	6109
PLAN & PROFILE SHEETS (2)			ROCK DITCH CHECK WITH SUMP EXCAVATION AND ROCK FILTER DAM	ECD-10	6110
			TYPICAL APPLICATIONS AND DETAILS FOR INLET CONSTRUCTION	ECD-11	6111
			INLET PROTECTION DETAILS FOR SEDIMENT CONTROL STONE ON GRADES & SAGS	ECD-12	6112
SR 488, BRIDGE #4.1	WK3	20	INLET PROTECTION DETAILS OF WATTLES	ECD-13	6113
SR 488, BRIDGE #7.5	WK4	21	INLET PROTECTION DETAILS OF MANUFACTURED INLET PROTECTION DEVICE	ECD-14	6114
			INLET PROTECTION DETAILS OF SAND BAGS	ECD-15	6115
TRAFFIC CONTROL SHEETS (15)			STABILIZED CONSTRUCTION ENTRANCE	ECD-16	6116
			TEMPORARY CULVERT STREAM CROSSING	ECD-17	6117
			TEMPORARY STREAM DIVERSION	ECD-18	6118
CONSTRUCTION SIGNING - SITE 1 BR. #4.1 PHASE I AND III	CS-1	22	TEMPORARY STREAM DIVERSION (BOX EXTENSION)	ECD-19	6119
CONSTRUCTION SIGNING - SITE 1 BR. # 4.1 PHASE II	CS-2	23	FLOATING TURBIDITY CURTAIN	ECD-20	6120
CONSTRUCTION SIGNING - SITE 2 BR. #7.5 PHASE I AND III	CS-3	24	DETAILS OF EROSION CONTROL SANDBAG DITCH CHECK	ECD-21	6121
			SEDIMENT RETENTION BARRIER	ECD-22	6122
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CONSTRUCTION SIGNING - CMS DETAILS SITE 1 BR. #4.1	CS-5	26			
CONSTRUCTION SIGNING - CMS DETAILS SITE 2 BR. #7.5	CS-6	27			
CONSTRUCTION SIGNING - ROUTE OVERVIEW	CS-7	28			
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CONSTRUCTION SIGNING - SITE 1 BR. #4.1 S.R. 35 AT S.R. 488	CS-9	30			
CONSTRUCTION SIGNING - SITE 1 BR. #4.1 S.R. 502 AT S.R. 488	CS-10	31			
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CONSTRUCTION SIGNING - SITE 2 BR. #7.5 S.R. 35 AT S.R. 488	CS-13	34			
CONSTRUCTION SIGNING - SITE 2 B.R. #7.5 S.R. 502 AT S.R. 288	CS-14	35			
CONSTRUCTION SIGNING - SITE 2 BR. #7.5 S.R. 427 AT S.R. 488	CS-15	36			

KIRBY PS&E:1/10/2018

FMS CON. # 101707/301000

REVISIONS

DATE	SHEET NO.	BY
02-27-18	10, 20, 21	BK

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DETAILED INDEX

OF TRANSPORTATION

KIRBY PS&E:1/10/2018		
FMS CON. # 101707/301000		
REVISONS		
DATE	SHEET NO.	BY
02-27-18	10, 20, 21	BK
03-14-18	10, 14, 16, 37	BK

[illegible]

ADDENDUM

STATE	PROJECT NO.
MISS	BR-0524-00(008)

SUMMARY OF QUANTITIES (SHEET 1)				
PAY ITEM NO.	PAY ITEM	UNIT	LEAKE : 101707-301000	
			Prelim	Final
201-A001	Clearing and Grubbing	LS	1	
201-B001	Clearing and Grubbing	ACRE	1	
202-B007	Removal of Asphalt Pavement, All Depths	SY	5,138	
202-B023	Removal of Bridge	EA	3	
202-B136	Removal of Guard Rail	LF	870	
202-B191	Removal of Pipe, 8" And Above	LF	207	
202-B226	Removal of Soil Cement Treated Base, All Depths	SY	5,138	
203-A001	Unclassified Excavation, FM, AH	CY	10,786	
203-EX010	Borrow Excavation, AH, FME, Class B17	CY	16,731	
203-G002	Excess Excavation, LVM, AH	CY	5,193	
206-A001	Structure Excavation	CY	57	
206-B001	Select Material for Undercuts, Contractor Furnished, FM	CY	100	
209-A005	Geotextile Stabilization, Type V, Non-Woven	SY	4,550	
213-C001	Superphosphate	TON	3	
216-A001	Solid Sodding	SY	160	
217-A001	Ditch Liner	SY	2,000	
219-A001	Watering	KGAL	4	
220-A001	Insect Pest Control	ACRE	6	
221-A001	Concrete Paved Ditch	CY	10	
223-A001	Mowing	ACRE	6	
225-A001	Grassing	ACRE	6	
225-B001	Agricultural Limestone	TON	3	
225-C001	Mulch, Vegetative Mulch	TON	12	
234-A001	Temporary Silt Fence	LF	8,000	
234-C001	Super Silt Fence	LF	1,000	
236-A008	Silt Basin, Type D	EA	4	
237-A002	Wattles, 20"	LF	4,000	
245-A001	Silt Dike	LF	1,000	
246-B001	Rockbags	EA	200	
249-A001	Riprap for Erosion Control	TON	2,180	
907-253-A001	Coir Fiber Baffle	LF	206	
304-A006	Granular Material, LVM, Class 5, Group E	CY	1,150	
304-A011	Granular Material, LVM, Class 9, Group C	CY	2,150	
304-F001	3/4" and Down Crushed Stone Base	TON	450	
	OR			
304-F002	Size 610 Crushed Stone Base	TON	450	
	OR			
304-F003	Size 825B Crushed Stone Base	TON	450	
307-C004	6" Soil-Lime-Water Mixing, Class C	SY	2,889	

- ① INCLUDES BUT NOT LIMITED TO FENCE, FOOTINGS, AND/OR OTHER UNDERGROUND OBSTRUCTIONS
- ② FOR TEMPORARY EASEMENTS
- ③ STA. 55+99.46 BRIDGE #4.1, EXISTING SPANS: 6@19', 1@60', 6@19'
STA. 232+21 BRIDGE #7.5, SPANS REQ'D.: 3@20', 1@40', 3@20'
STA. 64+00 RT. FOR DRIVEWAY
- ④ INCLUDES 8 TERMINAL SECTIONS, 8 BRIDGE END SECTIONS, FOOTINGS, DRIVEWAY GUARDRAIL, AND OTHER APPURTENANCES
- ⑤ INCLUDES A 20% INCREASE FROM CALCULATED QUANTITY
- ⑥ INCLUDES 186 C.Y. FOR DRIVEWAYS.
- ⑦ ESTIMATED QUANTITY, ACTUAL QUANTITY TO BE AS DIRECTED BY THE ENGINEER
- ⑧ FOR EIGHT PAVED FLUMES AT BRIDGE ENDS
- ⑨ INCLUDES A 50% INCREASE FROM CALCULATED QUANTITY
- ⑩ QUANTITY ROUNDED TO NEAREST 50 UNIT



BK		BK		By	MISSISSIPPI DEPARTMENT OF TRANSPORTATION SUMMARY OF QUANTITIES  Working Number SQ-1	
ADDED QUANTITY		REMOVED NOTE		Revision		Sheet Number 10
02/27/2018		03/14/2018		Date		
Proj No: BR-0524-00(008) County: LEAKE FILENAME : SQS Design Team <u>KIRBY</u> Checked Date						

STATE	PROJECT NO.
MISS.	BR-0524-00(008)



ESTIMATED EARTHWORK QUANTITIES

WORK NO.	CUT	FILL	BORROW (B17)	UNCLASSIFIED EXCAVATION	EXCAVATION		REMARKS
					EXCESS	SURPLUS	
3	9021	14429	7213	9021			
4	1765	10930	9518	1765			
UNITS			CU. YDS.	CU. YDS.	CU. YDS.	CU. YDS.	
TOTALS			16731	10786	0	0	

TOTAL CUT SITE 2 = 1765 CU. YDS
TOTAL FILL SITE 2 = 10930 CU. YDS.

SINCE FILL > (CUT/1.25):

UNCLASSIFIED = TOTAL CUT = 1765 CU. YDS.

BORROW = FILL - CUT/1.25 = 10930-1765/1.25 = 9518 CU. YDS.

JUNCTION BOXES REQUIRED

WK. SH. NO.	STATION	SIDE 1		SIDE 2		SIDE 3		SIDE 4		SIDE W1-3 (FT.)	SIDE W2-4 (FT.)	INLET HEIGHT	CLASS B CONC.	REINF. STEEL	BAR LIST										REMARKS
		SIZE	SKEW	SIZE	SKEW	SIZE	SKEW	SIZE	SKEW						A1	A2	A3	A4	B	C	D	E	F		
4	227+00	22x13	0	22x13	0	22x13	0			4.00	4.00	2.71	1.054	87.90	2 @ 30	2 @ 30	2 @ 30	0 @ 0	2 @ 42	2 @ 42	4 @ 27	12 @ 44	12 @ 44		
													UNITS	CU. YDS.	LBS.										
													TOTALS	2	88										

[illegible]

STATE	PROJECT NO.
MISS.	BR-0524-00(008)



A triangle with the number 1 inside.

DRIVEWAYS REQUIRED									
WK. NO.	STATION	WIDTH	PAVED AREA (SQ. YDS.)	EXTRA AREA (SQ. YDS.)	ASPHALT 1@2", 12.5mm	ASPHALT 1@2.5", 19mm	CONCRETE (SQ. YDS.)	GRAN. MAT. CL. 5 , GRP E	REMARKS
3	64+10	16	24.4		2.7	4.0		25.1	RT.
4	226+17	16	12.3		1.3	2.0		23.5	LT.
4	227+00	50	33.6		3.7	5.5		71.4	RT.
4	228+82.74	16	10.2		1.1	1.7		17.9	LT.
4	238+00	50	25.1		2.8	4.1		47.6	RT.
UNITS		L. F.	SQ. YDS.	SQ. YDS.	SQ. YDS.	SQ. YDS.	SQ. YDS.	CY. YDS.	
TOTALS		148	106		12	17		186	

PIPE CULVERT DRAINAGE STRUCTURES																											
WK. SH. NO.	STATION TO STATION		ID NO.	TYPE	CLASS III PIPE CULVERT					END SECTIONS			SIZE			OPENINGS	DRAWINGS REQ'D	CLASS "B" CONC.	REINF. STEEL	STRUCTURE EXCAVATION		GEOTEXTILE	FILTER MATERIAL		COVER	REMARKS	
					24"	22"x13"				24"			L	W	H					CU YD EXCAV	EST. DEPTH		TYPE "A"	TYPE "B"			
4	226+17				48										PI-1				27	4					SEE ALTERNATE A (BELOW)		
4	227+00					32							4	2.71	3	PI-1, JB-1		88	5	1							
4	227+00					32										PI-1			7	2							
4	227+00					32										PI-1			12	3							
4	228+34				8					2						PI-1, PC-1	0.82		6	2					CUT IN 4' INCREMENTS (SEE WK 4) 2 PCs REQ'd		
UNITS					L.F.	L.F.	L.F.	L.F.	L.F.	EA.	EA.	EA.						CU. YD.	LBS	CU. YD.		SQ. FT.	CU. YD.	CU. YD.			
TOTALS					56	96				2								1	88	57							

ALTERNATE A
 REINFORCED CONCRETE PIPE, CLASS "III" OR
 CORRUGATED POLYETHYLENE PIPE OR
 POLY VINYL CHLORIDE (PVC) PIPE.

				BK	BY	MISSISSIPPI DEPARTMENT OF TRANSPORTATION ESTIMATED QUANTITIES																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	

RIGHT OF WAY MARKERS

[illegible]

IF MARKERS FIELD LOCATION IS DIFFERENT THAN SHOWN IN THIS TABLE, ENTER THE CORRECT VALUES IN THE LINE BELOW THE MARKER AND THEN PLACE A LINE THROUGH INCORRECT VALUES.

HORIZONTAL DATUM: NAD 83/93		MS EAST ZONE (US SURVEY FEET)
<u>HORIZONTAL MONUMENT</u>	<u>NORTH</u>	<u>EAST</u>
25V30	1122442.706	707024.267
25V50	1184508.455	767390.242
KIM	1167840.900	770881.655
VERTICAL DATUM: NAVD 88		(US SURVEY FEET)
<u>VERTICAL MONUMENT</u>	<u>ELEVATION</u>	
25V30	327.630	
25V50	375.080	

ALL AZIMUTHS AND DISTANCES ARE
GRID VALUES, US SURVEY FEET

<u>CONVERSION VALUES</u>	<u>PROJECT AVERAGE</u>
GROUND TO GRID (COMBINED) FACTOR	0.99997481363
GRID TO GEODETIC AZIMUTH	-0° 19' 26.8972"

RIGHT OF WAY MARKERS COORDINATES

PROJ. NO.: BR-0524-00(008)
COUNTY: LEAKE

FILENAME: ROW488-1.DGN

DESIGN TEAM	KIRBY	CHECKED	DATE
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WORKING NUMBER
ROW-1
SHEET NUMBER
37

ADDENDUM

STATE	PROJECT NO.
MISS.	BR-0524-00(008)

DESCRIPTION OF SHEETS	WORKING NUMBER	SHEET NUMBER
DETAILED INDEX	DI-BR-1	8001
SUMMARY OF QUANTITIES (BRIDGE)	SO-BR-1	8002
BRIDGE "A" AT STA. 55+31.83 SR 488 ACROSS STANDING PINE CREEK		
ESTIMATED QUANTITIES, GENERAL NOTES, & LAYOUT	A1 OF 12	8003
FOUNDATION PLAN	A2 OF 12	8004
END BENT NO. 1 & 4	A3 OF 12	8005
END BENT DETAILS	A4 OF 12	8006
INT. BENTS NO. 2 & 3	A5 OF 12	8007
135 FT. SPANS NO. 1 & 2	A6 OF 12	8008
135 FT. SPANS NO. 2 & 3	A7 OF 12	8009
SPAN DETAILS	A8 OF 12	8010
MISCELLANEOUS SPAN DETAILS	A9 OF 12	8011
135 FT. BEAM DETAILS - BEAM NO. 135-1 - TYPE BT-72	A10 OF 12	8012
135 FT. BEAM DETAILS - BEAM NO. 135-2 - TYPE BT-72	A11 OF 12	8013
GENERALIZED SOIL PROFILE	A12 OF 12	8014
BRIDGE "B" AT STA. 232+03.88 SR 488 ACROSS SHOCKOLO CREEK		
ESTIMATED QUANTITIES, GENERAL NOTES, & LAYOUT	B1 OF 15	8015
FOUNDATION PLAN	B2 OF 15	8016
END BENT NO. 1	B3 OF 15	8017
END BENT NO. 4	B4 OF 15	8018
END BENT DETAILS	B5 OF 15	8019
INT. BENT NO. 2	B6 OF 15	8020
INT. BENT NO. 3	B7 OF 15	8021
60 FT. SPANS NO. 1 & 3	B8 OF 15	8022
60 FT. SPAN DETAILS	B9 OF 15	8023
80 FT. SPAN NO. 2	B10 OF 15	8024
80 FT. SPAN DETAILS	B11 OF 15	8025
MISCELLANEOUS SPAN DETAILS	B12 OF 15	8026
60 FT. BEAM DETAILS - BEAM NO. 60-1 - TYPE II+2	B13 OF 15	8027
80 FT. BEAM DETAILS - BEAM NO. 80-1 - TYPE III	B14 OF 15	8028
GENERALIZED SOIL PROFILE	B15 OF 15	8029
STANDARDS		
2'-8" RAILING DETAILS	RD-32	8030
NON SEISMIC SQUARE PRESRESSED CONCRETE PILES	CPD-1	8031
EROSION CONTROL		
EROSION CONTROL PLAN BRIDGE "A" AT STA. 55+31.83	ECP-BR1	8032
EROSION CONTROL PLAN BRIDGE "B" AT STA. 232+03.88	ECP-BR2	8033

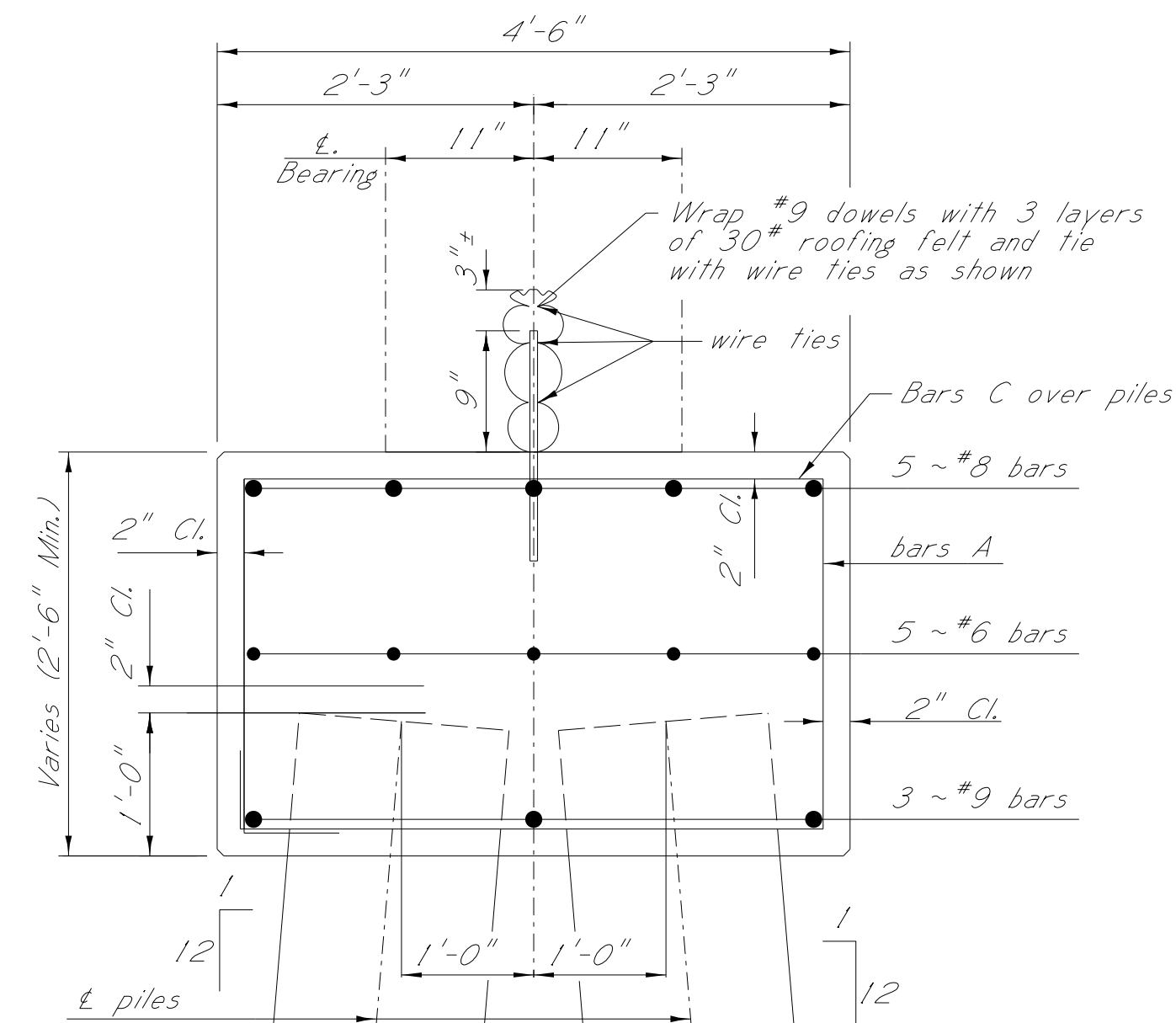
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MISSISSIPPI DEPARTMENT OF TRANSPORTATION									
SR 488 BRIDGE REPLACEMENT									
DETAILED INDEX									
(BRIDGE)									
FMS: 101707 / 301000									
COUNTY: LEAKE									
PROJECT NUMBER: BR-0524-00(008)									
WORKING NUMBER									
DI-BR-1									
SHEET NUMBER									
8001									
DATE: _____ DESIGNER: <u>Russell Thames</u> CHECKER: <u>Spencer Yates</u> DETAILER: <u>Russell Thames</u> ISSUE DATE: <u>12-13-2017</u> DIRECTOR OF STRUCTURES, STATE BRIDGE ENGINEER - JUSTIN WALKER, P.E. DEP. DIR. OF STRUCTURES, ASST. STATE BRIDGE ENGINEER - SCOTT WESTERFELD, P.E.									

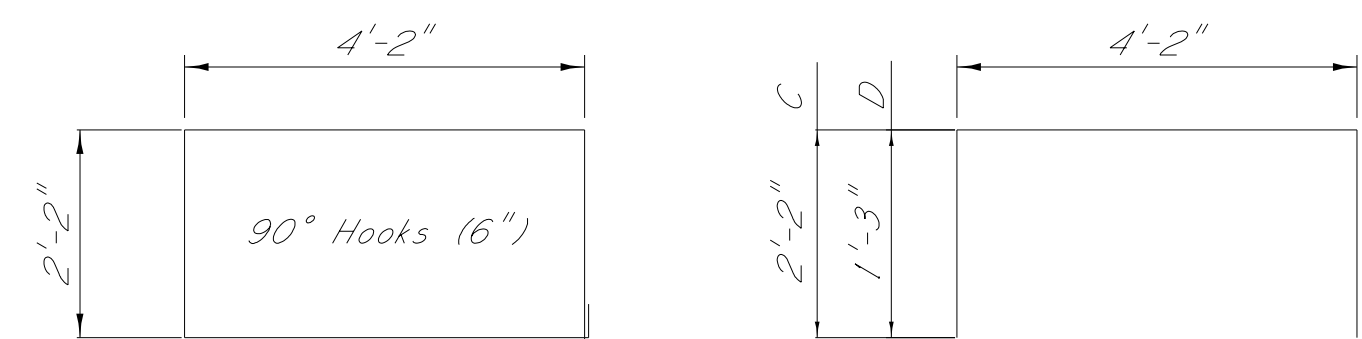
STATE	PROJECT NO.
MISS.	BR-0524-00(008)



Showing concrete dimensions, cap steps, neoprene pads & dowel spacing



SECTION A-A

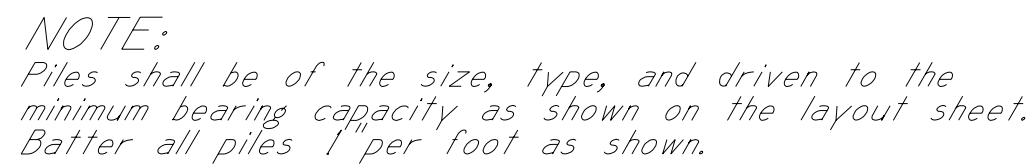


BARS A ~ #5

BARS C & D ~ #5

BAR BENDING DETAILS

Dimensions are out to out



ELEVATION

GENERAL NOTES:
All concrete in cap shall be class "AA".
Chamfer all edges $\frac{3}{4}$ " unless otherwise noted.
Placing dimensions from reinforcing steel to
concrete surfaces are clear distances.

[illegible]

WORKING NUMBER

A5 OF 12

SHEET NUMBER

8007