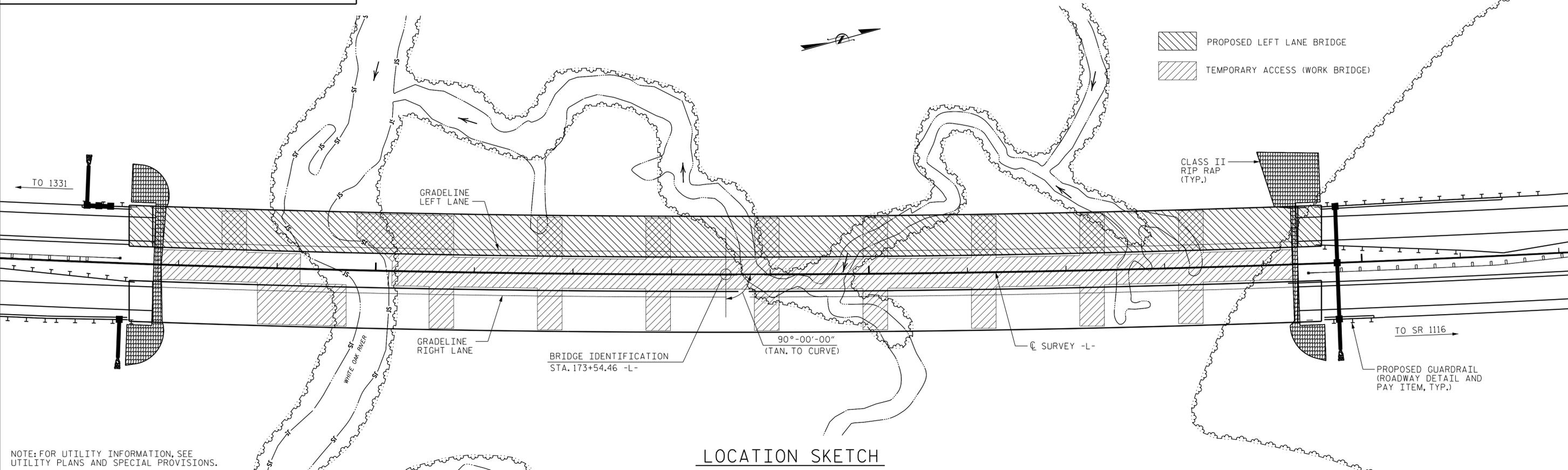


BM #55 - RR SPIKE SET IN 20"HW, STA 178+24 -L-, 167' RT, EL. = 38.17'



NOTE: FOR UTILITY INFORMATION, SEE UTILITY PLANS AND SPECIAL PROVISIONS.

LOCATION SKETCH

TOTAL BILL OF MATERIAL

	PDA TESTING	UNCLASSIFIED STRUCTURE EXCAVATION	REINFORCED CONCRETE DECK SLAB	GROOVING BRIDGE FLOORS	CLASS A CONCRETE	BRIDGE APPROACH SLABS	REINFORCING STEEL	MODIFIED 63" PRESTRESSED CONC. GIRDERS	12" PRESTRESSED CONCRETE PILES	PP 30 X 0.050 STEEL PILES	STEEL PILE POINTS	PREDRILLING FOR PILES	PILE REDRIVES	CONCRETE BARRIER RAIL	RIP RAP CLASS II (2'-0" THICK)	GEOTEXTILE FOR DRAINAGE	ELASTOMERIC BEARINGS	EXPANSION JOINT SEALS		
	EA.	LUMP SUM	SQ.FT.	SQ.FT.	CU.YDS.	LUMP SUM	LBS.	LIN. FT.	NO.	LIN.FT.	NO.	LIN.FT.	EA.	LIN.FT.	TONS	SO. YDS.	LUMP SUM	LUMP SUM		
SUPERSTRUCTURE			47809	42267		LUMP SUM		4599.00						2357.9			LUMP SUM	LUMP SUM		
END BENT 1					54.4		8459		11	275			5		201	223				
BENT 1					28.7		4982				5	350	5	217	3					
BENT 2					28.7		4982				5	350	5	217	3					
BENT 3					28.7		4982				5	350	5	217	3					
BENT 4					28.7		4982				5	350	5	217	3					
BENT 5					28.7		4982				5	350	5	217	3					
BENT 6					28.7		4982				5	350	5	217	3					
BENT 7					28.7		4982				5	350	5	217	3					
BENT 8					28.7		4982				5	350	5	217	3					
BENT 9					28.7		4982				5	350	5	217	3					
BENT 10					28.7		4982				5	350	5	217	3					
END BENT 2		LUMP SUM			54.4		8459		11	275			5		355	394				
TOTAL	3	LUMP SUM	47809	42267	395.8	LUMP SUM	66738	4599.00	22	550	50	3500	50	2170	40	2357.9	556	617	LUMP SUM	LUMP SUM

PROJECT NO. R-2514B
 ONSLOW/JONES COUNTY
 STATION: 173+54.46 -L-

SHEET 8 OF 8

NOTES:

ASSUMED LIVE LOAD = HL-93 OR ALTERNATE LOADING.
 THIS BRIDGE HAS BEEN DESIGNED IN ACCORDANCE WITH THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS.
 THIS BRIDGE IS LOCATED IN SEISMIC ZONE 1.
 FOR OTHER DESIGN DATA AND GENERAL NOTES, SEE SHEET SN.
 FOR SUBMITTAL OF WORKING DRAWINGS, SEE SPECIAL PROVISIONS.

FOR FALSEWORK AND FORMWORK, SEE SPECIAL PROVISIONS.
 FOR CRANE SAFETY, SEE SPECIAL PROVISIONS.
 FOR GROUT FOR STRUCTURES, SEE SPECIAL PROVISIONS.

ALL FALSEWORK AND FORMS FOR THE CAST-IN-PLACE DECK SLAB CONTINUOUS UNIT SHALL REMAIN IN PLACE UNTIL THE ENTIRE UNIT IS CAST AND CURED.

THE MATERIAL SHOWN IN THE CROSS-HATCHED AREA SHALL BE EXCAVATED FOR A DISTANCE OF 14.25 FT RIGHT TO 81.5 FT RIGHT OF CENTERLINE ROADWAY AS DIRECTED BY THE ENGINEER. THIS WORK WILL BE PAID FOR AT THE CONTRACT LUMP SUM PRICE FOR UNCLASSIFIED STRUCTURE EXCAVATION. SEE SECTION 412 OF THE STANDARD SPECIFICATIONS.

THIS STRUCTURE HAS BEEN DESIGNED IN ACCORDANCE WITH "HEC 18- EVALUATING SCOUR AT BRIDGES."

FOR INTERIOR BENT(S) 1 THRU 10, ONLY PARTIAL GALVANIZING OF THE PILES IS REQUIRED. SEE INTERIOR BENT SHEET(S) FOR REQUIRED GALVANIZED LENGTHS. PAYMENT FOR PARTIALLY GALVANIZED PILES WILL BE MADE UNDER THE CONTRACT UNIT PRICE FOR GALVANIZED STEEL PILES.

FOR EROSION CONTROL MEASURES, SEE EROSION CONTROL PLANS.



DocuSigned by:
 Paul R. Holshouser
 1059484FE044D 2/3/2015

The LOUIS BERGER GROUP, Inc.
 1001 Wade Avenue, Suite 400
 Raleigh, NC 27605-3322
 NC COA No. F-0840

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH
 GENERAL DRAWING
 FOR BRIDGE
 ON PROPOSED US 17 BYPASS
 OVER WHITE OAK RIVER
 BETWEEN SR 1331 AND SR 1116
 (RIGHT LANE)

REVISIONS				SHEET NO.
NO.	BY:	DATE:	NO.	DATE:
1			3	
2			4	

55-8
TOTAL SHEETS 75

G:\CKE Projects\CKE_R2514B Onslow Jones Co Structures\Site 5\R-2514B_SD_05_00_08.dgn
 2/3/2015 6:39:28 PM CKE_R2514B_PDF_full.plt:cfgr2514B_str.tbl

DRAWN BY : M. HOGAN DATE : 11/13
 CHECKED BY : R. DECOLA DATE : 11/13
 DESIGN ENGINEER OF RECORD : P. HOLSHOUSER DATE : 10/14