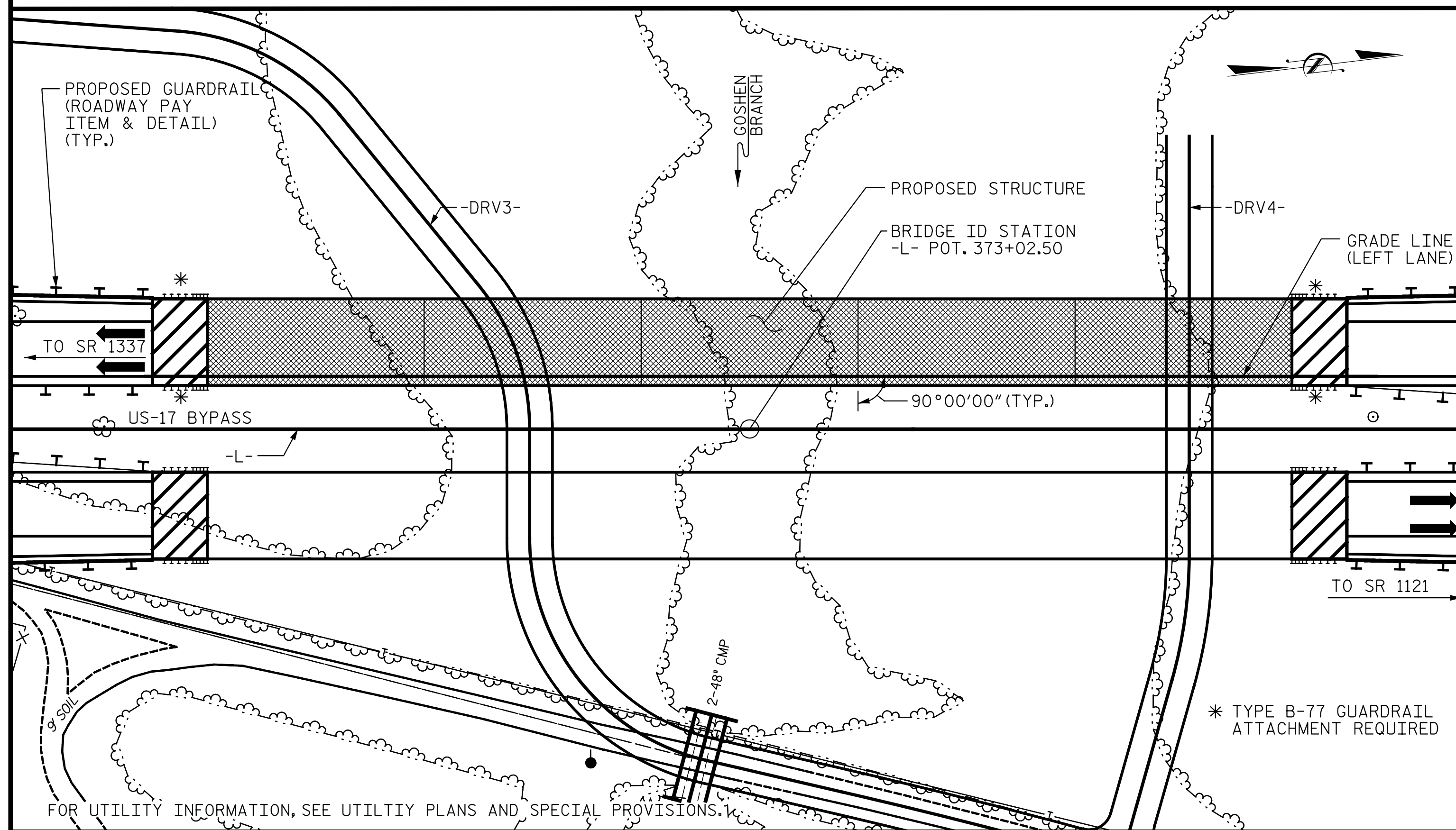


BENCHMARK: BM18 RR SPIKE IN GUY POLE -L- STATION 373+45.00 127' RIGHT ELEVATION 9.42' NAVD 88



LOCATION SKETCH

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.
- PRESTRESSED CONCRETE DECK PANELS MAY BE USED IN LIEU OF METAL STAY-IN-PLACE FORMS IN ACCORDANCE WITH ARTICLE 420-3 OF THE STANDARD SPECIFICATIONS.
- REMOVABLE FORMS MAY BE USED IN LIEU OF METAL STAY-IN-PLACE FORMS IN ACCORDANCE WITH ARTICLE 420-3 OF THE STANDARD SPECIFICATIONS.
- NEEDLE BEAMS WILL NOT BE ALLOWED UNLESS OTHERWISE CALLED FOR ON THE PLANS OR APPROVED BY THE ENGINEER.
- ALL METALIZED SURFACES SHALL RECEIVE A SEAL COATING AS SPECIFIED IN THE SPECIAL PROVISION FOR THERMAL SPRAYED COATINGS (METALIZATION).
- THIS STRUCTURE HAS BEEN DESIGNED IN ACCORDANCE WITH "HEC 18-EVALUATING SCOUR AT BRIDGES."
- THE SCOUR CRITICAL ELEVATION FOR BENT NO. 2 IS ELEVATION -7.6 FT. BENT NO. 3 IS ELEVATION -7.6 FT. BENT NO. 4 IS ELEVATION 1.8 FT. SCOUR CRITICAL ELEVATIONS ARE USED TO MONITOR POSSIBLE SCOUR PROBLEMS DURING THE LIFE OF THE STRUCTURE.
- FOR INTERIOR BENTS 1-4 ONLY PARTIAL GALVANIZING OF THE PILES IS REQUIRED. SEE INTERIOR BENT SHEETS 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.
- FOR PLACING LOAD ON STRUCTURE MEMBERS, SEE SPECIAL PROVISIONS.
- FOR CONSTRUCTION, MAINTENANCE, AND REMOVAL OF TEMPORARY ACCESS, SEE SPECIAL PROVISIONS.

TOTAL BILL OF MATERIAL

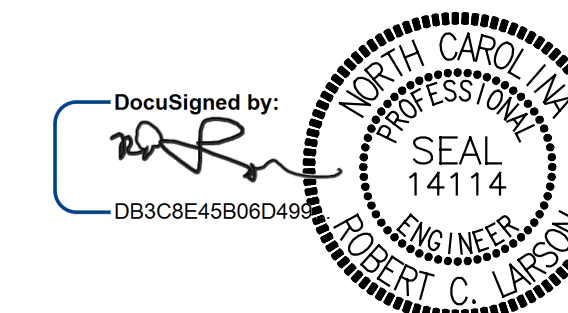
	CONSTRUCTION, MAINTENANCE AND REMOVAL OF TEMP ACCESS AT STA. 373+02.50 -L-	PDA TESTING	REINFORCED CONCRETE DECK SLAB	GROOVING BRIDGE FLOORS	CLASS A CONCRETE	BRIDGE APPROACH SLABS	REIN-FORCING STEEL	54" PRESTRESSED CONCRETE GIRDERS	12" PRESTRESSED CONCRETE PILES	PP 30X0.625 GALVANIZED STEEL PILES	STEEL 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			
	LUMP SUM	EA	SQ.FT.	SQ.FT.	CU.YDS.	LUMP SUM	LBS.	NO.	LIN.FT.	NO.	LIN.FT.	NO.	LIN.FT.	EA	LIN.FT.	EA.	LIN.FT.	TON	SY	LUMP SUM	LUMP SUM
SUPERSTRUCTURE			19505	18178		LUMP SUM		20	1876.0					986.0						LUMP SUM	LUMP SUM
END BENT 1					46.7		5516		8	240			3		305	340				LUMP SUM	LUMP SUM
BENT 1					23.1		3696				6	510	6	3							
BENT 2					23.1		3696				6	510	6	3							
BENT 3					23.1		3696				6	510	6	3							
BENT 4					23.1		3696				6	510	6	3							
END BENT 2					45.2		5421		8	480			3		630	700					
TOTAL	LUMP SUM	3	19505	18178	184.3	LUMP SUM	25,721	20	1876.0	16	720	24	2040	24	1010	18	986.0	935	1040	LUMP SUM	LUMP SUM

PROJECT NO. R-2514D
JONES COUNTY
 STATION: 373+02.50 -L-

SHEET 3 OF 4

DocuSigned by:

 DESIGN ENGINEER OF RECORD: DATE: 4/12/2015
 DRAWN BY: E.C. DECOLA DATE: 02/03/14
 CHECKED BY: R.C. LARSON DATE: 04/11/14



KCI Associates
 of North Carolina, P.A.
 DWG. REF. NO. 3 OF 34

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH
 GENERAL DRAWING
 FOR BRIDGE ON US 17 BYPASS
 OVER GOSHEN BRANCH
 BETWEEN SR 1337 AND SR 1121
 LEFT LANE STR-#5

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

TOTAL SHEETS: S05-34