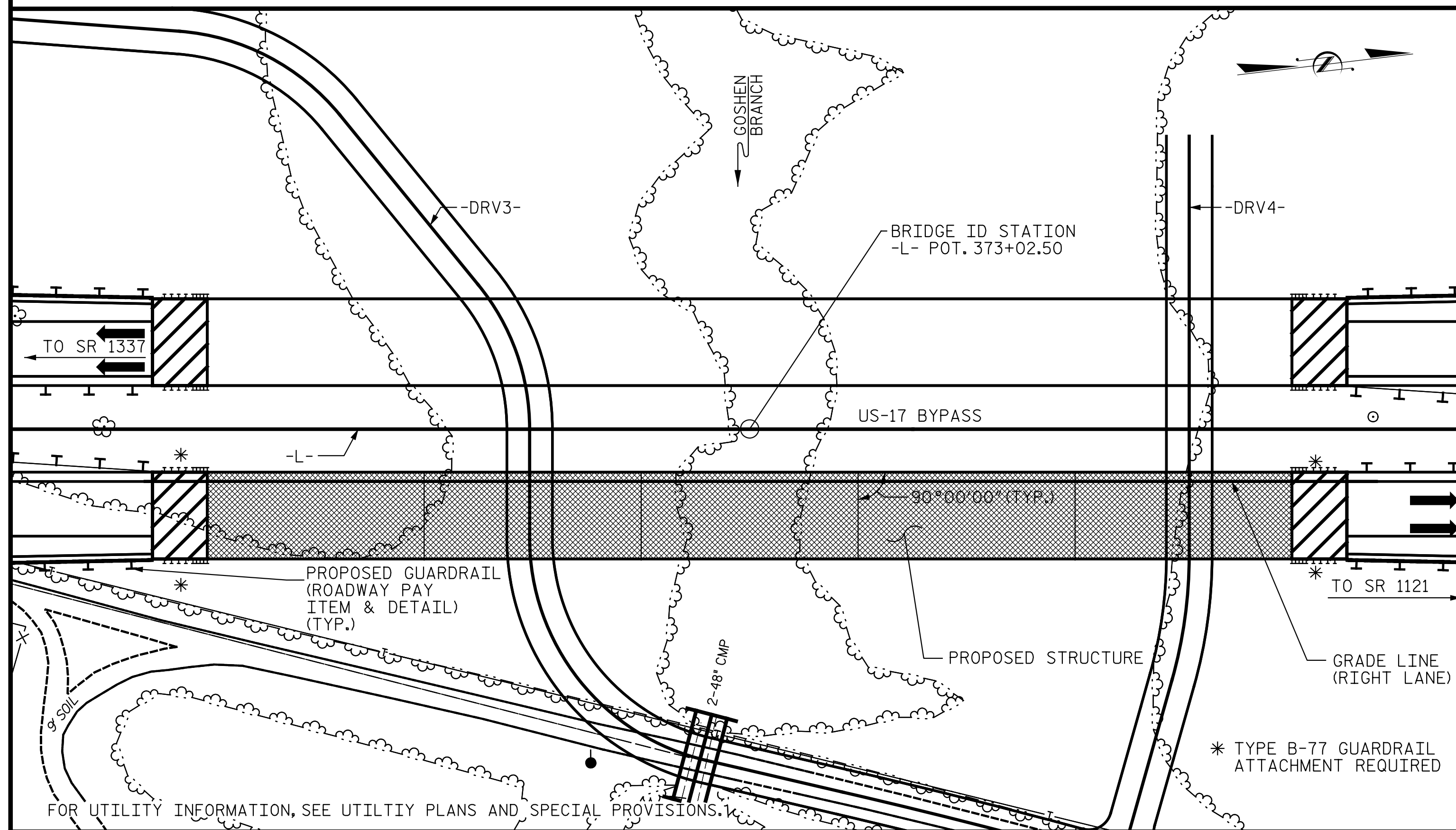


BENCHMARK: BM18 RR SPIKE IN GUY POLE -L- STATION 373+45.00 127' RIGHT ELEVATION 9.42' NAVD 88



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 -7.7 FT. BENT NO. 3 IS ELEVATION -7.7 FT. BENT NO. 4 IS ELEVATION -0.1 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. PAYMENT FOR THIS ACCESS IS INCLUDED IN THE LEFT LANE PAY ITEMS.

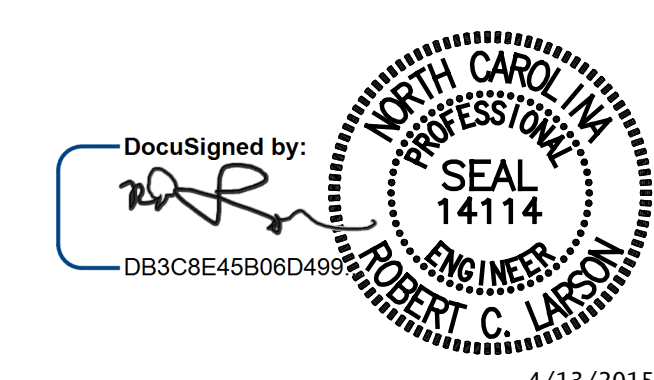
TOTAL BILL OF MATERIAL

	PDA TESTING	REINFORCED CONCRETE DECK SLAB	GROOVING BRIDGE FLOORS	CLASS A CONCRETE	BRIDGE APPROACH SLABS	REINFORCING 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
	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		8 280				3		630	700		
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		540	600		
TOTAL	3	19505	18178	184.3	LUMP SUM	25,721	20 1876.0	16 760	24 2040	24	1010	18	986.0	1170	1300	LUMP SUM	LUMP SUM

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

SHEET 3 OF 4

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
 RIGHT LANE STR-#6



DocuSigned by:

 DB3C8E45B06D499

DESIGN ENGINEER OF RECORD: DATE: 4/13/2015

DRAWN BY: R.J. FLORY DATE: 03/14/14
 CHECKED BY: R.C. LARSON DATE: 04/14/14

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

TOTAL SHEETS: 34
 SHEET NO.: S06-3
 DWG. REF. NO. 3 OF 34