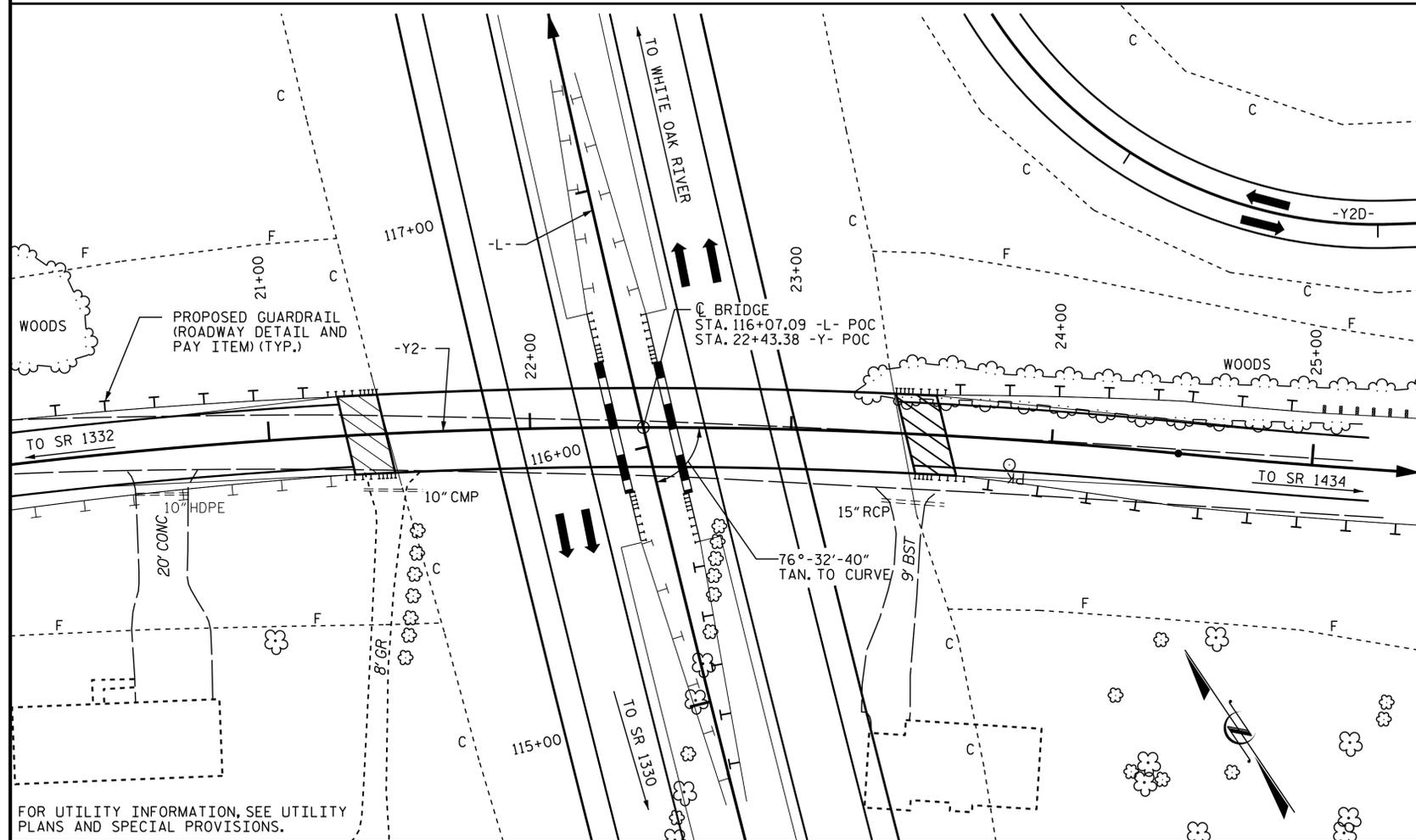


BM #51 RR SPIKE IN TWIN 24" GUM TREE, STA. 25+96.00 -Y2-, 72' LEFT, ELEVATION = 41.48'



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.
- FOR EROSION CONTROL MEASURES, SEE EROSION CONTROL PLANS.
- FOR PLACING LOAD ON STRUCTURE MEMBERS, SEE SPECIAL PROVISIONS.

TOTAL BILL OF MATERIAL

	FOUNDATION EXCAVATION	PDA TESTING	REINFORCED CONCRETE DECK SLAB	GROOVING BRIDGE FLOORS	CLASS A CONCRETE	BRIDGE APPROACH SLABS	REINFORCING STEEL	SPIRAL COLUMN REINFORCING STEEL	45" PRESTRESSED CONCRETE GIRDERS	12" PRESTRESSED CONCRETE PILES	PILE REDRIVES	CONCRETE BARRIER RAIL	4" SLOPE PROTECTION	ELASTOMERIC BEARINGS	FOAM JOINT SEALS		
	LUMP SUM	EA.	SO.FT.	SO.FT.	CU.YDS.	LUMP SUM	LBS.	LBS.	NO.	LIN.FT.	NO.	LIN.FT.	EACH	LIN.FT.	SO.YDS.	LUMP SUM	LUMP SUM
SUPERSTRUCTURE			5,797	5,382		LUMP SUM			10	862.60		348.71		LUMP SUM	LUMP SUM		
END BENT #1					34.3		5,039			5	250	3		270			
BENT #1	LUMP SUM				44.7		8,580	750		14	490	4					
END BENT #2					35.2		5,173			5	225	3		254			
TOTAL	LUMP SUM	2	5,797	5,382	114.2	LUMP SUM	18,792	750	10	862.60	24	965	10	348.71	524	LUMP SUM	LUMP SUM

PROJECT NO. R-2514B  
 ONSLOW & JONES COUNTY  
 STATION: 116+07.49 -L-  
22+43.38 -Y2-

SHEET 4 OF 4



STATE OF NORTH CAROLINA  
 DEPARTMENT OF TRANSPORTATION  
 RALEIGH  
 GENERAL DRAWING  
 FOR BRIDGE ON SR 1331  
 OVER US 17 BYPASS  
 BETWEEN SR 1332 AND SR 1434

DRAWN BY: B.N. BARODAWALA DATE: 11-1-14  
 CHECKED BY: N. RUFFIN DATE: 12-1-14  
 DESIGN ENGINEER OF RECORD: T.L. COGGINS, P.E. DATE: 2-5-15

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S1-004
1			3			TOTAL SHEETS
2			4			31