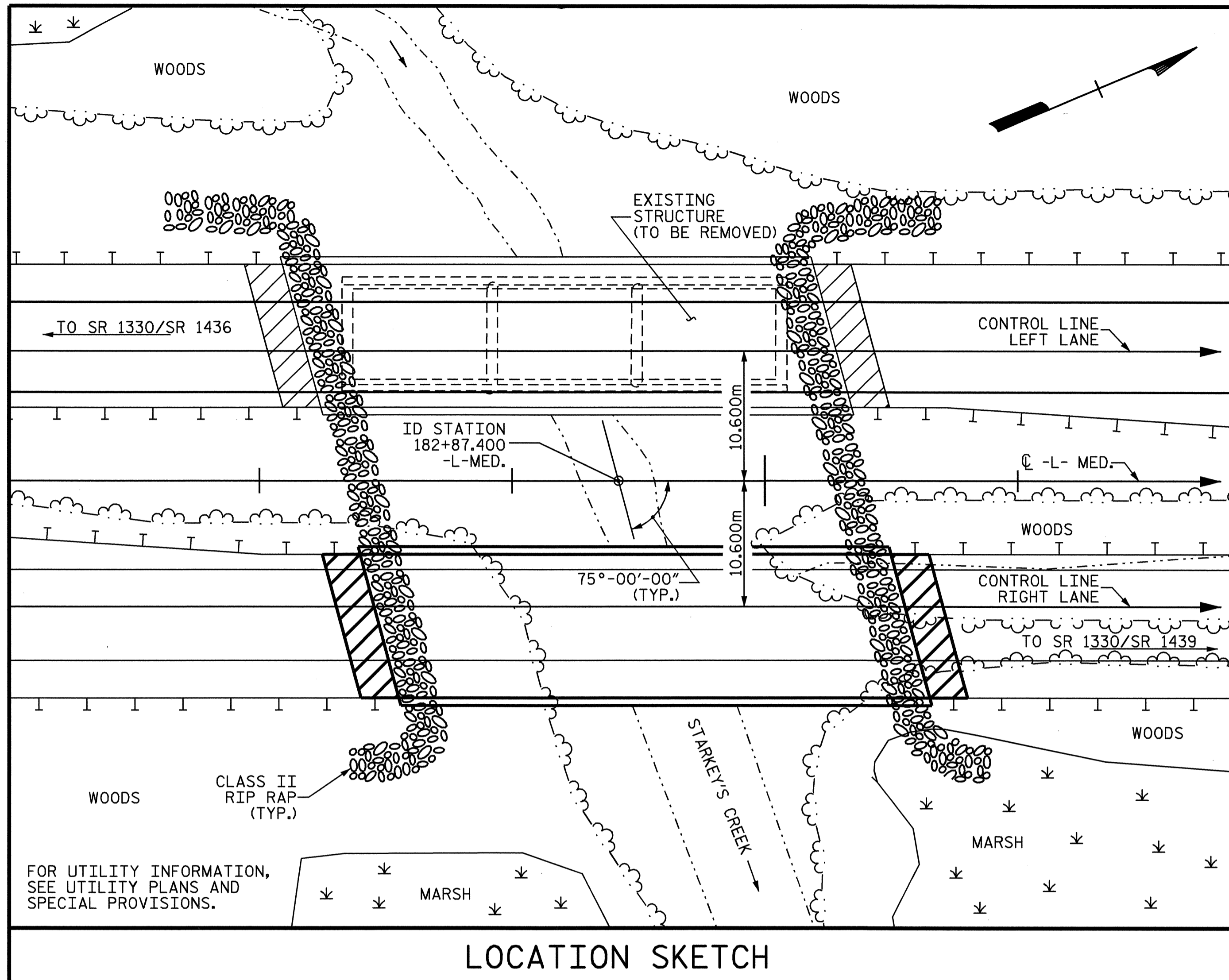


BM#13: NAIL IN ROOT OF 150mm OAK 23.996m LEFT OF
 -L- STA. 184+55.993. EL. = 10.00



LOCATION SKETCH

HYDRAULIC DATA

DESIGN DISCHARGE = 40 cms
 FREQUENCY OF DESIGN FLOOD = 50 yr
 DESIGN HIGH WATER ELEVATION = 9.58 m
 DRAINAGE AREA = 21 sq. km.
 BASIC DISCHARGE (Q100) = 52 cms
 BASIC HIGH WATER ELEVATION = 9.75 m

OVERTOPPING FLOOD DATA

OVERTOPPING DISCHARGE = 250 cms
 FREQUENCY OF OVERTOPPING FLOOD = 500+ yr
 OVERTOPPING FLOOD ELEVATION = 10.37 m

(NOTES CONTINUED FROM SHEET 1)

THIS BRIDGE HAS BEEN DESIGNED IN ACCORDANCE WITH THE REQUIREMENTS OF THE AASHTO STANDARD SPECIFICATIONS FOR SEISMIC DESIGN OF HIGHWAY BRIDGES FOR SEISMIC PERFORMANCE CATEGORY A.

THE STEEL PILES AT BENT 1 AND 2 SHALL BE GALVANIZED IN ACCORDANCE WITH SECTION 1076 OF THE STANDARD SPECIFICATIONS. FOR GALVANIZING STEEL PILES, SEE SPECIAL PROVISIONS.

FOR SUBMITTAL OF WORKING DRAWINGS, SEE SPECIAL PROVISIONS.

FOR FALSEWORK AND FORMWORK, SEE SPECIAL PROVISIONS.

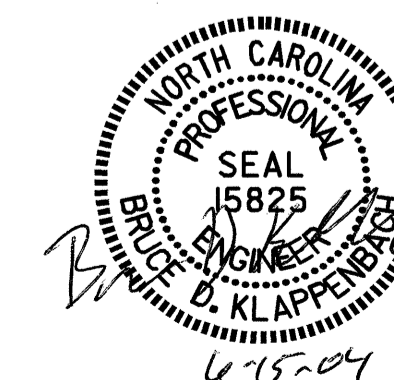
FOR PRESTRESSED CONCRETE MEMBERS, SEE SPECIAL PROVISIONS.

TOTAL BILL OF MATERIAL

	UNCLASSIFIED STRUCTURE EXCAVATION	CLASS A CONCRETE	BRIDGE APPROACH SLABS	REINFORCING STEEL	HP 310 X 79 STEEL PILES	GALVANIZING STEEL PILES	CONCRETE BARRIER RAIL	PLAIN RIP RAP CLASS II (600mm THICK)	FILTER FABRIC FOR DRAINAGE	ELASTOMERIC BEARINGS	914mm X 533mm PRESTRESSED CONCRETE CORED SLABS		
	LUMP SUM	CU. METERS	LUMP SUM	kg	NO.	METERS	LUMP SUM	METERS	METRIC TONS	SQ. METERS	LUMP SUM	NO.	METERS
SUPERSTRUCTURE	LUMP SUM		LUMP SUM				84,000				LUMP SUM	42	586,320
END BENT 1		11.1		1115	7	95		119	122				
BENT 1		9.2		1244	8	120	LUMP SUM						
BENT 2		9.2		1244	8	104	LUMP SUM						
END BENT 2		11.1		1115	7	98		131	134				
TOTAL	LUMP SUM	40.6	LUMP SUM	4718	30	417	LUMP SUM	84,000	250	256	LUMP SUM	42	586,320

PROJECT NO. R-2514A
 ONSLOW COUNTY
 STATION: 182+87.400-L-MED.

SHEET 3 OF 3



STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH
 GENERAL DRAWING
 FOR BRIDGE ON US 17 OVER
 STARKY'S CREEK BETWEEN
 SR 1330/SR 1436 AND
 SR 1330/SR 1439
 RIGHT LANE

DRAWN BY: W.D. CRUTCHER DATE: 3-03
 CHECKED BY: D.A. GLADDEN DATE: 4-1-03

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-26
1			3			TOTAL SHEETS 46
2			4			