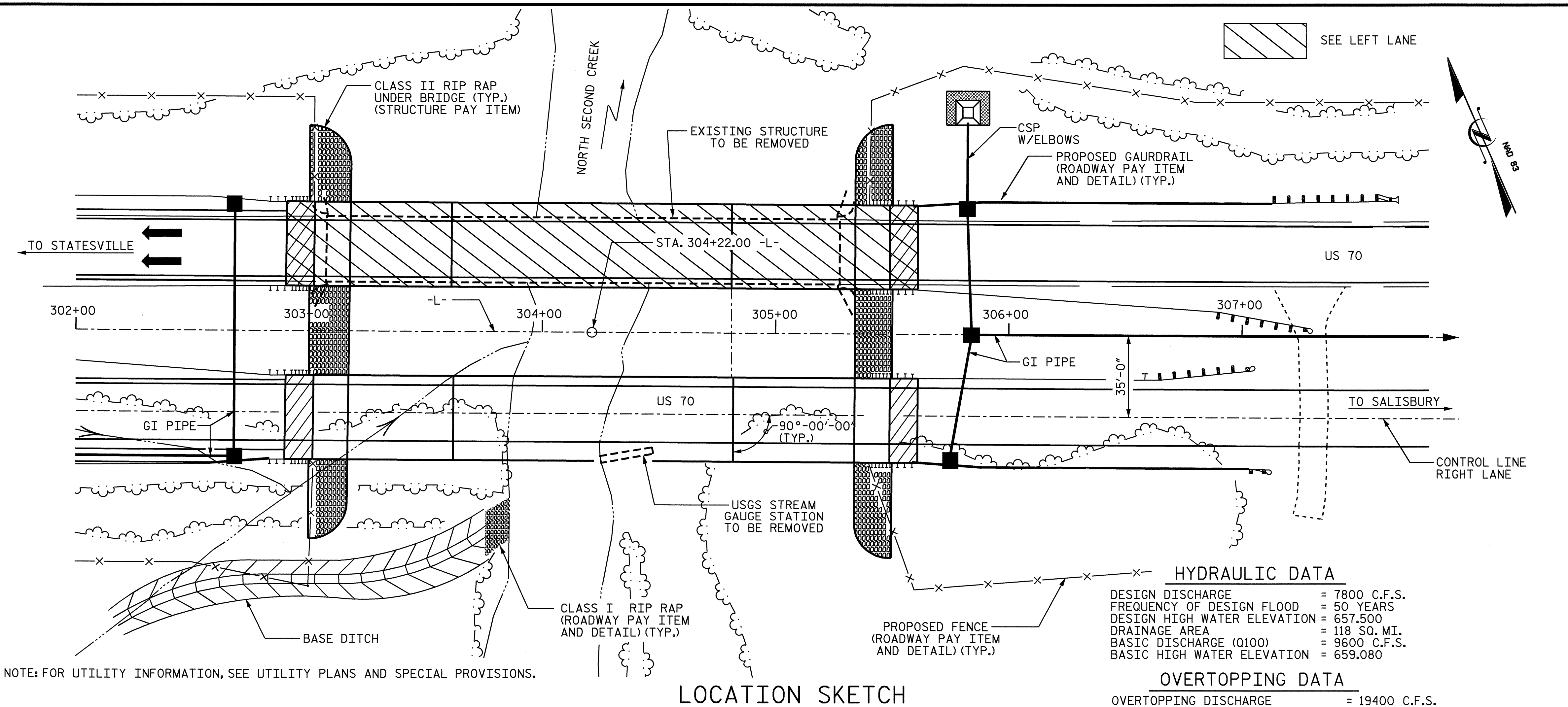


TOTAL BILL OF MATERIAL

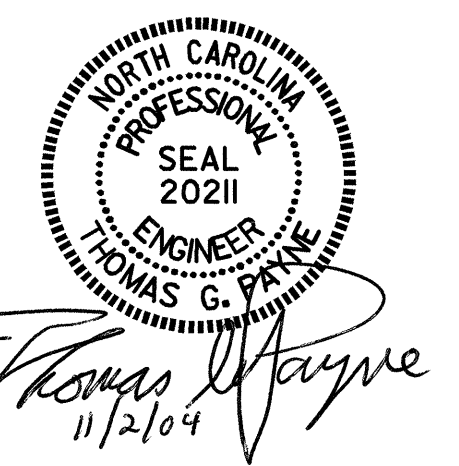
	3'-6" Ø DRILLED PIERS IN SOIL	3'-6" Ø DRILLED PIERS NOT IN SOIL	SID INSPECTION	CROSSHOLE SONIC LOGGING	CSL TUBES	REINFORCED CONCRETE DECK SLAB	GROOVING BRIDGE FLOOR	CLASS A CONCRETE	BRIDGE APPROACH SLABS	REINFORCING STEEL	SPIRAL COLUMN REINFORCING STEEL	STRUCTURAL STEEL (APPROX.)	HP 12 X 53 STEEL PILES	CONCRETE BARRIER RAIL	PLAIN RIP RAP CLASS II (2'-0" THICK)	FILTER FABRIC FOR DRAINAGE	ELASTOMERIC BEARINGS	EVAZOTE JOINT SEAL	
	LIN.FT.	LIN.FT.	EA.	EA.	LIN.FT.	SQ.FT.	SQ.FT.	CU.YDS.	LUMP SUM	LBS.	LBS.	LBS.	No.	LIN.FT.	LIN.FT.	TONS	SQ.YDS.	LUMP SUM	LUMP SUM
SUPERSTRUCTURE						9,355	9,504		LUMP SUM			252,214			476.58			LUMP SUM	LUMP SUM
END BENT No. 1								18.6		3,285			8	320		138	153		
BENT No. 1	86.0	22.0	3	1	462			24.2		10,760	2,801								
BENT No. 2	81.0	18.0	3	1	426			25.1		10,476	2,696								
END BENT No. 2								18.7		3,289			8	280		206	228		
TOTAL	167.0	40.0	6	2	888	9,355	9,504	86.6	LUMP SUM	27,810	5,497	252,214	16	600	476.58	344	381	LUMP SUM	LUMP SUM

BENCH MARK IS 'BL-30'; NO. 5 REBAR W/CAP; LOCATED 950' EAST ALONG US-70, IN EB SHLD OF US-70, 6' FROM EDGE OF PAVEMENT, ELEV. 696.700 NGVD 29



HYDRAULIC DATA
 DESIGN DISCHARGE = 7800 C.F.S.
 FREQUENCY OF DESIGN FLOOD = 50 YEARS
 DESIGN HIGH WATER ELEVATION = 657.500
 DRAINAGE AREA = 118 SQ. MI.
 BASIC DISCHARGE (Q100) = 9600 C.F.S.
 BASIC HIGH WATER ELEVATION = 659.080

OVERTOPPING DATA
 OVERTOPPING DISCHARGE = 19400 C.F.S.
 FREQUENCY OF OVERTOPPING FLOOD = 500- YEARS
 OVERTOPPING FLOOD ELEVATION = 666.070



PROJECT NO. R-2911D
 ROWAN COUNTY
 STATION: 304+22.00 -L-
 SHEET 3 OF 3

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

**GENERAL DRAWING
 FOR BRIDGE OVER NORTH
 SECOND CREEK ON
 US 70 BETWEEN
 SR 1951 AND SR 1728
 (RIGHT LANE)**

REVISIONS						SHEET NO. S-90 TOTAL SHEETS 120
NO.	BY:	DATE:	NO.	BY:	DATE:	
1			3			
2			4			

DRAWN BY: M.K. BEARD DATE: 07/28/04
 CHECKED BY: J.P. ADAMS DATE: 07/29/04