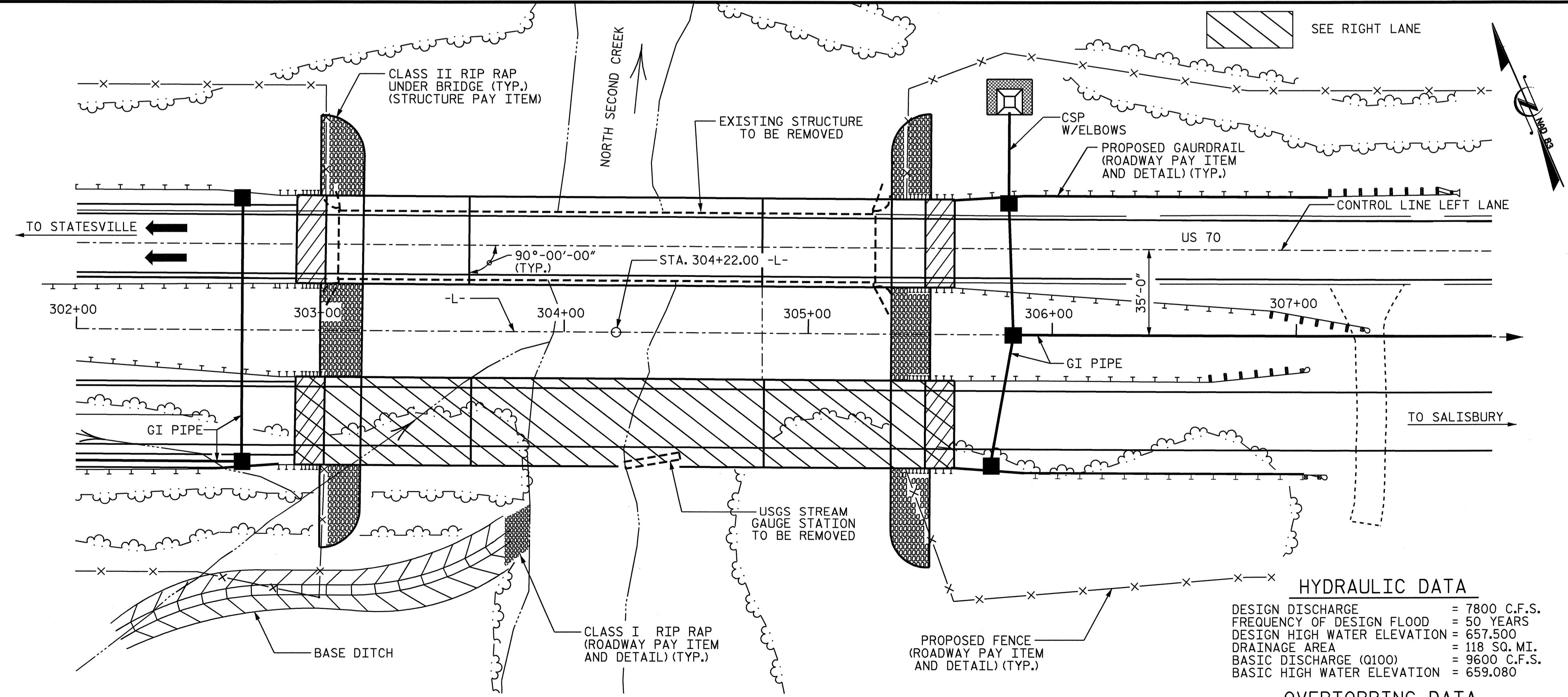


TOTAL BILL OF MATERIAL																							
	REMOVAL OF EXISTING STRUCTURE	3'-6" Ø DRILLED PIERS IN SOIL	3'-6" Ø DRILLED PIERS NOT IN SOIL	SID INSPECTION	SPT TESTING	CROSSHOLE SONIC LOGGING	CSL TUBES	UNCLASSIFIED STRUCTURE EXCAVATION	REINFORCED CONCRETE DECK SLAB	GROOVING BRIDGE FLOOR	CLASS A CONCRETE	BRIDGE APPROACH SLABS	REINFORCING STEEL	SPIRAL COLUMN REINFORCING STEEL	STRUCTURAL STEEL (APPROX.)	HP 12 X 53 STEEL PILES	STEEL PILE POINTS	CONCRETE BARRIER RAIL	PLAIN RIP RAP CLASS II (2'-0" THICK)	FILTER FABRIC FOR DRAINAGE	ELASTOMERIC BEARINGS	EVAZOTE JOINT SEALS	
	LUMP SUM	LIN.FT.	LIN.FT.	EA.	EA.	EA.	LIN.FT.	LUMP SUM	SQ.FT.	SQ.FT.	CU.YDS.	LUMP SUM	LBS.	LBS.	LBS.	No.	LIN.FT.	EA.	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																8	240			167	185		
BENT No. 1		71.0	28.0	3	3	1	426						18.6	3,285									
BENT No. 2		83.0	22.0	3		1	450						24.1	10,270	2,600								
END BENT No. 2								LUMP SUM					18.5	3,280		8	280	8		184	205		
TOTAL	LUMP SUM	154.0	50.0	6	3	2	876	LUMP SUM	9,355	9,504	86.0	LUMP SUM	27,556	5,391	252,214	16	520	8	476.58	351	390	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

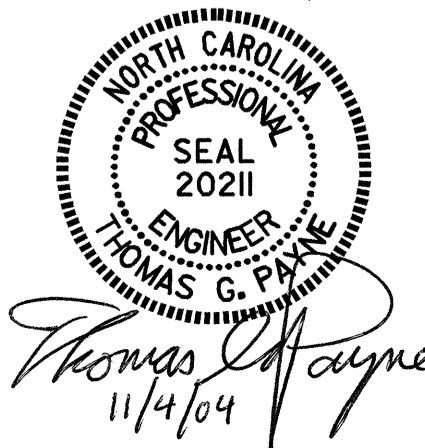


NOTE: FOR UTILITY INFORMATION, SEE UTILITY PLANS AND SPECIAL PROVISIONS.

LOCATION SKETCH

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
 (LEFT LANE)

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-57
1			3			TOTAL SHEETS
2			4			120

DRAWN BY : M.K. BEARD DATE 07/23/04
 CHECKED BY : J.P. ADAMS DATE 07/29/04