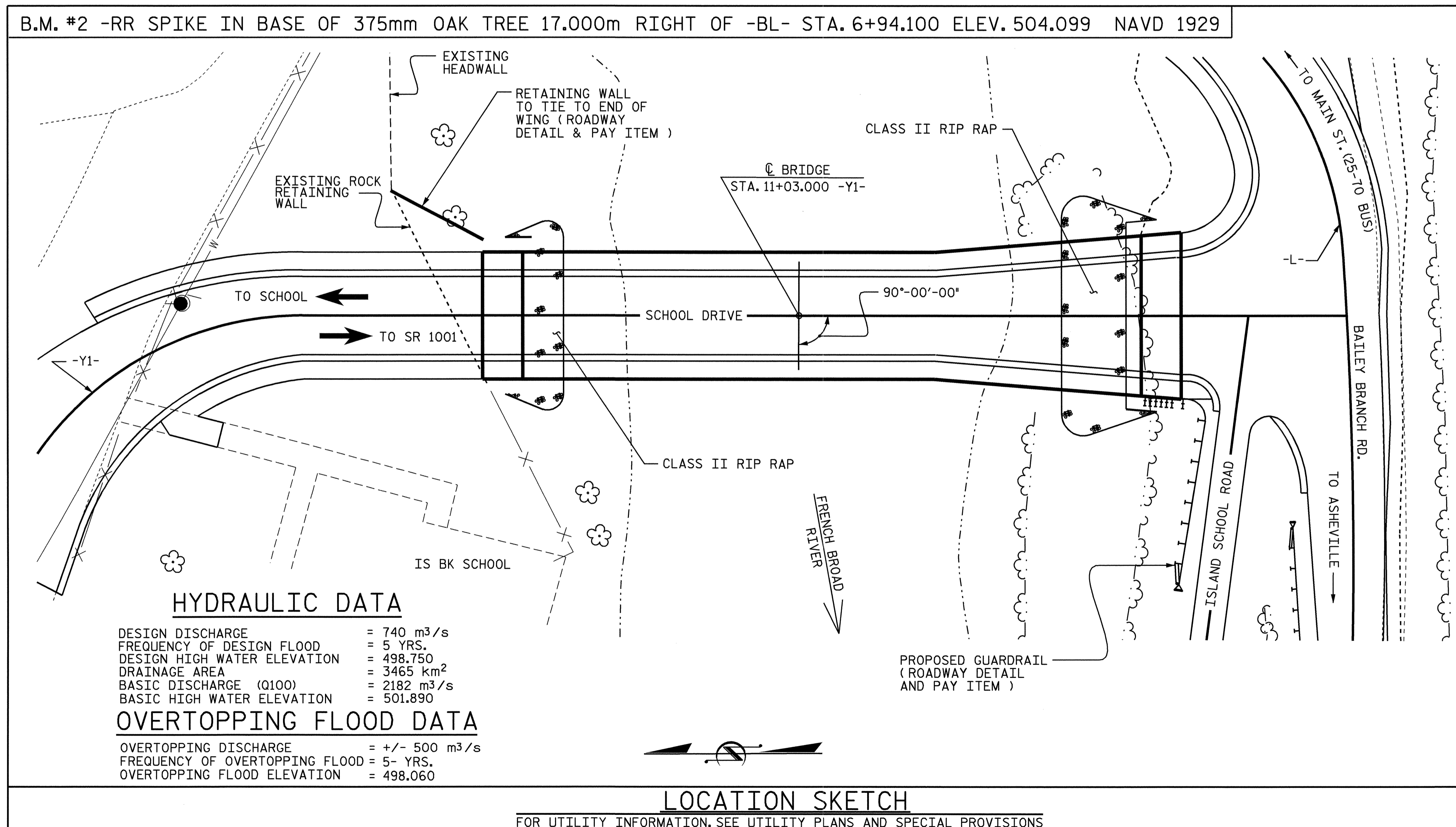


TOTAL BILL OF MATERIAL

	CONSTRUCTION, MAINTENANCE & REMOVAL OF TEMPORARY ACCESS	1066mm Ø DRILLED PIERS IN SOIL	1066mm Ø DRILLED PIERS NOT IN SOIL	PERMANENT STEEL CASING FOR 1066mm Ø DRILLED PIER	CROSSHOLE SONIC LOGGING	CSL TUBES	UNCLASSIFIED STRUCTURE EXCAVATION	REINFORCED CONCRETE DECK SLAB	GROOVING BRIDGE FLOORS	CLASS A CONCRETE	BRIDGE APPROACH SLABS	REINFORCING STEEL	SPIRAL COLUMN REINFORCING STEEL	1143mm PRESTRESSED CONCRETE GIRDERS	HP 310 X 79 STEEL PILES	PLAIN RIP RAP CLASS II (600mm THICK)	FILTER FABRIC FOR DRAINAGE	ELASTOMERIC BEARINGS	EVAZOTE JOINT SEALS	CLASSIC CONCRETE BRIDGE RAIL	INSTALL 150mm DI RJ WATER MAIN		
	LUMP SUM	METERS	METERS	METERS	EACH	METERS	LUMP SUM	SQ. METERS	SQ. METERS	CJ. METERS	LUMP SUM	Kg	Kg	NO.	METERS	NO.	METERS	METRIC TONS	SQ. METERS	LUMP SUM	LUMP SUM	METERS	LUMP SUM
SUPERSTRUCTURE								726.8	448.1		LUMP SUM			18	334.852					LUMP SUM	LUMP SUM	112.799	
END BENT 1							LUMP SUM			17.2		1533			8	40		65	66				
BENT 1		1.1	7.5	5.0	1	40.4				21.9		3397	436										
BENT 2		1.1	7.5	5.0	1	40.4				23.4		3592	512										
END BENT 2										20.9		1860			10	80		150	153				
TOTAL	LUMP SUM	2.2	15.0	10.0	2	80.8	LUMP SUM	726.8	448.1	83.4	LUMP SUM	10,382	948	18	334.852	18	120	215	219	LUMP SUM	LUMP SUM	112.799	LUMP SUM

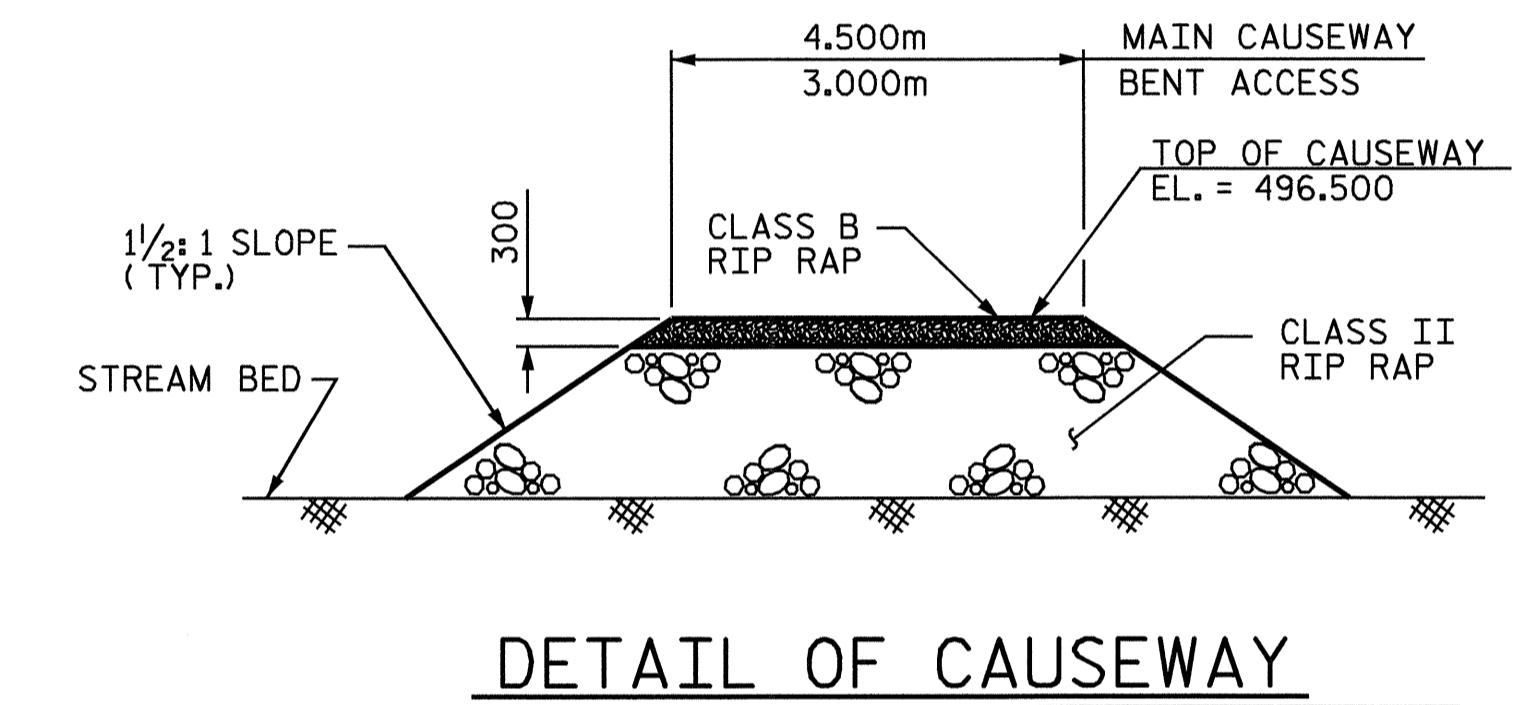


HYDRAULIC DATA
 DESIGN DISCHARGE = 740 m³/s
 FREQUENCY OF DESIGN FLOOD = 5 YRS.
 DESIGN HIGH WATER ELEVATION = 498.750
 DRAINAGE AREA = 3465 km²
 BASIC DISCHARGE (Q100) = 2182 m³/s
 BASIC HIGH WATER ELEVATION = 501.890

OVERTOPPING FLOOD DATA
 OVERTOPPING DISCHARGE = +/- 500 m³/s
 FREQUENCY OF OVERTOPPING FLOOD = 5- YRS.
 OVERTOPPING FLOOD ELEVATION = 498.060



LOCATION SKETCH
FOR UTILITY INFORMATION, SEE UTILITY PLANS AND SPECIAL PROVISIONS

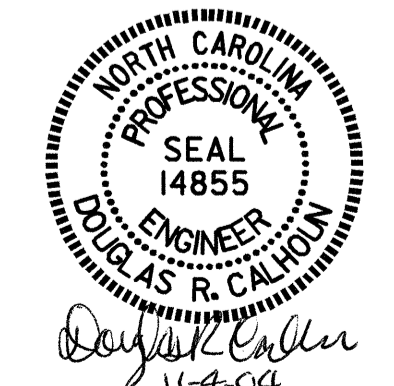


PROJECT NO. B-2583
MADISON COUNTY
 STATION: 11+03.000 -Y1-

SHEET 3 OF 3

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

GENERAL DRAWING
 FOR BRIDGE OVER FRENCH
 RIVER BETWEEN
 SCHOOL AND SR 1001



DRAWN BY : E. G. ALLEN DATE : 6-15-04
 CHECKED BY : W. S. ARAFAT DATE : 6-16-04

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-71
1			3			TOTAL SHEETS
2			4			112

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 TAHarris