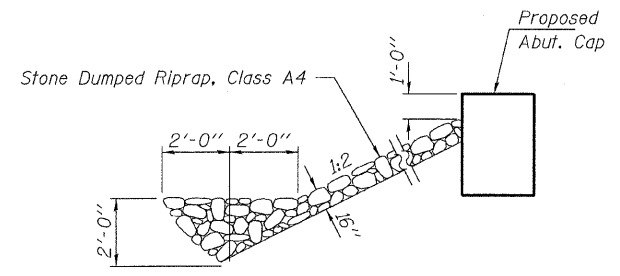


PLAN



SECTION A-A
Note: See Special Provisions for Stone Dumped Riprap, Class A4

WATERWAY INFORMATION

		Waterway Opening (sq. ft.)		Natural H.W.E.	Head (ft.)		Headwater Elev.	
		Existing	Proposed		Existing	Proposed	Existing	Proposed
Drainage Area = 43.2 sq. mi.				Existing Low Grade Elevation = 446.9 ft. at Sta. 13+00				
				Proposed Low Grade Elevation = 447.0 ft. at Sta. 13+00				
10 yr	Bridge - Main Channel	530	690	446.2	1.19	0.79	447.3	446.9
	Culvert - Overflow	190	200					
	Total	4880	720					
30 yr	Bridge - Main Channel	530	710	446.4	1.12	0.72	447.5	447.1
	Culvert - Overflow	190	200					
	Total	5540	720					
100 yr	Bridge - Main Channel	530	800	447.5	0.80	0.36	448.1	447.8
	Culvert - Overflow	190	200					
	Total	8870	720					
500 yr	Bridge - Main Channel	530	860	448.3	0.39	0.41	448.7	448.7
	Culvert - Overflow	190	200					
	Total	12000	720					

10 Year Velocity Through Existing Bridge (fps) = 6.8 10 Year Velocity Through Proposed Bridge (fps) = 5.9