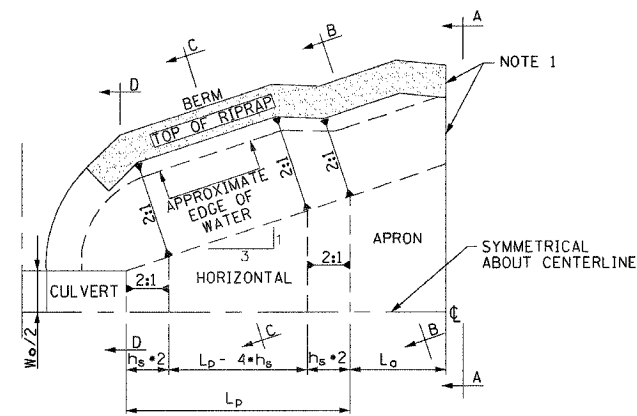
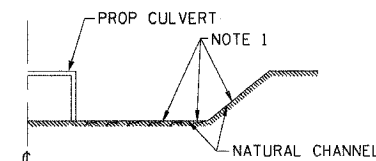


SECTION

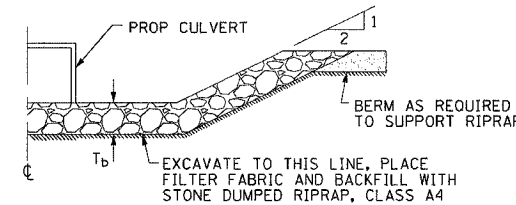


HALF PLAN

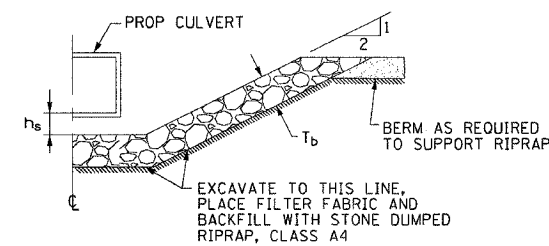
NOTE: WARP BASIN TO CONFORM TO NATURAL STREAM CHANNEL. TOP OF RIPRAP IN FLOOR OF BASIN SHOULD BE AT THE SAME ELEVATION OR LOWER THAN NATURAL CHANNEL BOTTOM AT SECTION A-A.



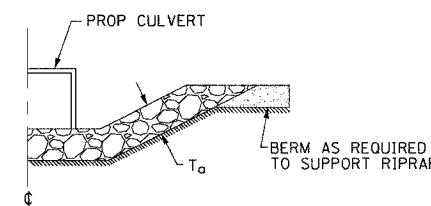
SECTION A-A



SECTION B-B



SECTION C-C



SECTION D-D

RIPRAP STILLING BASIN SCHEDULE													
STATION	OFFSET	BARREL WIDTH OF BOX CULVERT	BOX CULVERT OUTLET FLOWLINE	DISSIPATOR POOL LENGTH	APRON LENGTH	OVERALL BASIN LENGTH	DEPTH OF BASIN BELOW THE CULVERT FLOWLINE	THICKNESS OF APPROACH	TYPICAL THICKNESS OF BASIN	STONE RIPRAP CLASS A4	FILTER FABRIC FOR USE WITH RIPRAP	EARTH EXCAVATION FOR EROSION CONTROL	GABIONS
		W_o	C_{FL}	L_p	L_o	L_b	h_s	T_o	T_b				
		(FT)	(FT)	(FT)	(FT)	(FT)	(FT)	(FT)	(FT)	(SQ YD)	(SQ YD)	(CU YD)	(CU YD)
901+00.49	LT	7.5	592.50	22.5	7.5	30	1.10	1.5	1.0	112	112	68	68
951+33.21	LT	4.0	599.87	12.0	4.0	16	0.90	1.5	1.0	27	27	12	12
1034+79.00	RT	4.0	551.40	37.5	18.5	56	3.75	3.0	2.0	248	248	344	344
TOTALS										387	387	424	424

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

RIPRAP STILLING BASIN SCHEDULE AND DETAILS

DRAWN BY MLO
CHECKED BY TGC

DATE 8/02