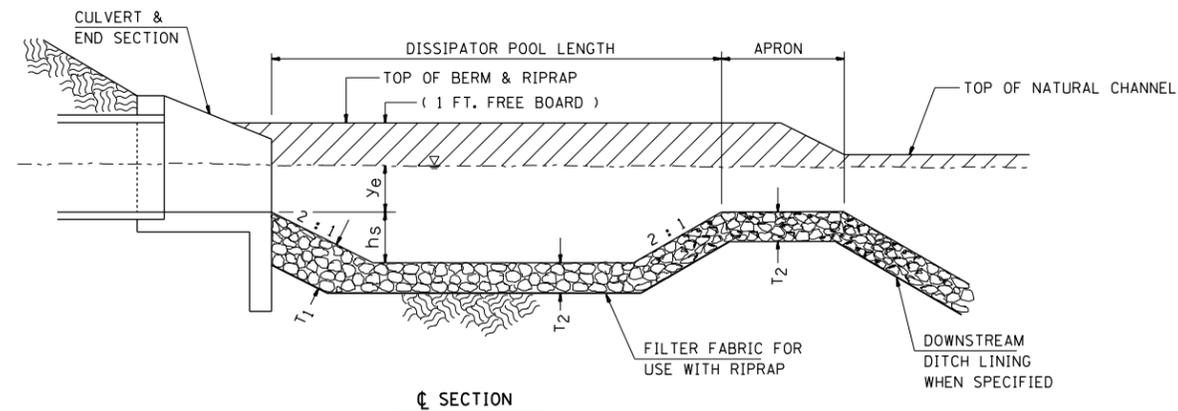
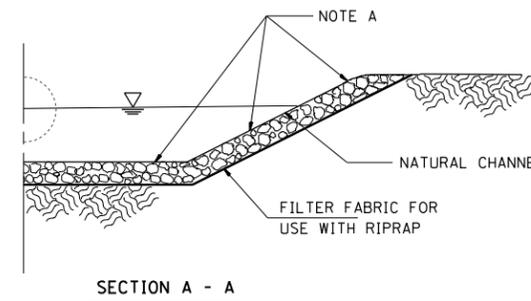
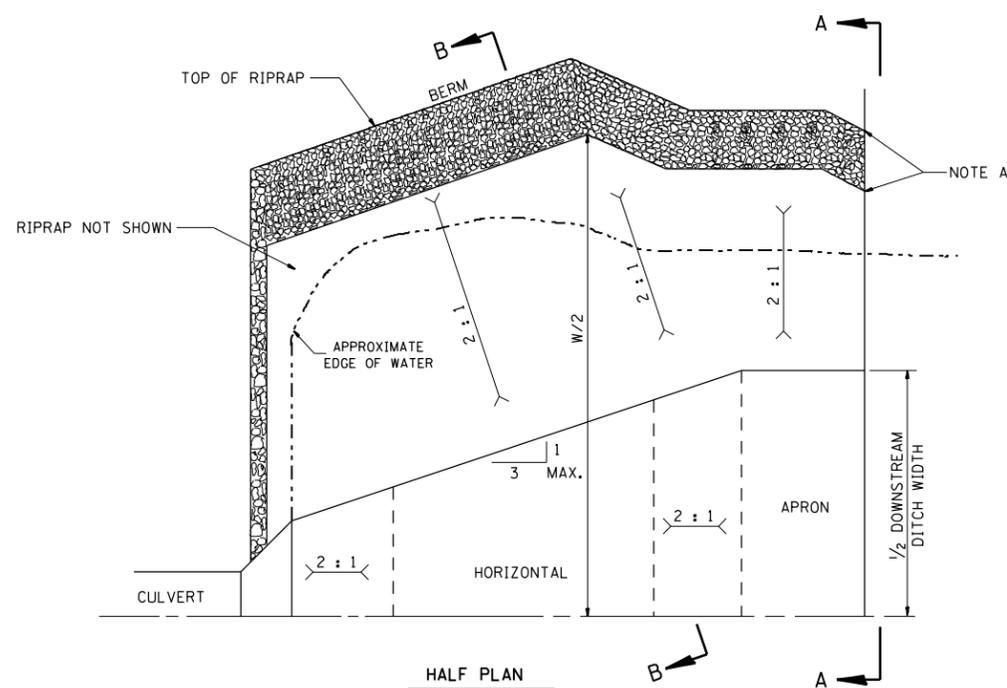


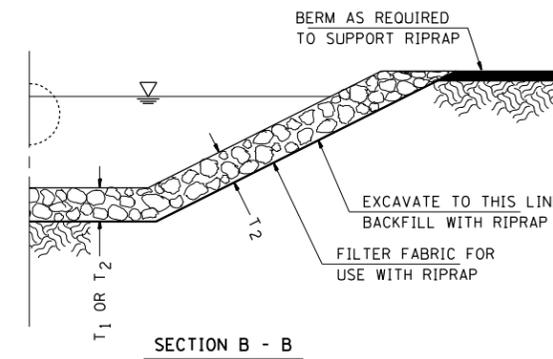
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	MACOUPIN	231	102
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
• FAP 325 & FAP 604 •• 14R; 115RS-2; 116RS-4; 101RS-2				



STATION	DISSIPATOR POOL LENGTH	APRON LENGTH	W WIDTH	h_s	TOP OF BERM $h_s + y_e + 1$ FT.	RIPRAP THICKNESS	
	FOOT	FOOT	FOOT	FOOT	FOOT	T ₁	T ₂
STA 1221+33.21	22.8	15.2	28.2	2.0	6.3	30"	20"



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



EARTH EXCAVATION FOR ENERGY DISSIPATING BASINS

THIS WORK INVOLVES THE EXCAVATION OF EARTH AS SHOWN IN THE DETAIL TO THE LENGTH, WIDTH, AND DEPTH DETERMINED BY THE ENGINEER. THE EARTH EXCAVATION WILL BE UTILIZED IN THE ROADWAY EMBANKMENT OR WASTED AS DIRECTED BY THE ENGINEER.

THE EARTHWORK WILL BE MEASURED AND WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CUBIC YARD FOR "EARTH EXCAVATION".

ENERGY DISSIPATING BASINS SHALL BE CONSTRUCTED AT THE SAME TIME AS THE CULVERT OR DITCH.

ENERGY DISSIPATING BASINS ARE TO BE CONSTRUCTED AT LOCATIONS INDICATED WITH THE FOLLOWING SYMBOL [EDB]

RIPRAP FOR ENERGY DISSIPATING BASINS

RIPRAP FOR ENERGY DISSIPATING BASINS SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 281 OF THE STANDARD SPECIFICATIONS.

THE LENGTH, WIDTH, AND DEPTH FOR RIPRAP PLACEMENT WILL BE DETERMINED BY THE ENGINEER.

THE RIPRAP MATERIAL SHALL CONFORM TO CLASS A QUALITY.

BEDDING MATERIAL WILL NOT BE REQUIRED.

RIPRAP WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER TON FOR STONE RIPRAP, CLASS A4.

FILTER FABRIC WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD FOR FILTER FABRIC.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
ENERGY DISSIPATING BASIN
 FAP 325 (IL 16) & FAP 604 (IL 159)
 SECTION 14R; 115RS-2; 116RS-4; 101RS-2
 MACOUPIN COUNTY

SCALE: VERT.
 HORIZ.
 DATE NOVEMBER 28, 1990

DRAWN BY CAD-mwg
 CHECKED BY

PLOT DATE = \$DATE\$
 FILE NAME = \$FILEL\$
 PLOT SCALE = \$SCALE\$
 USER NAME = \$USER\$