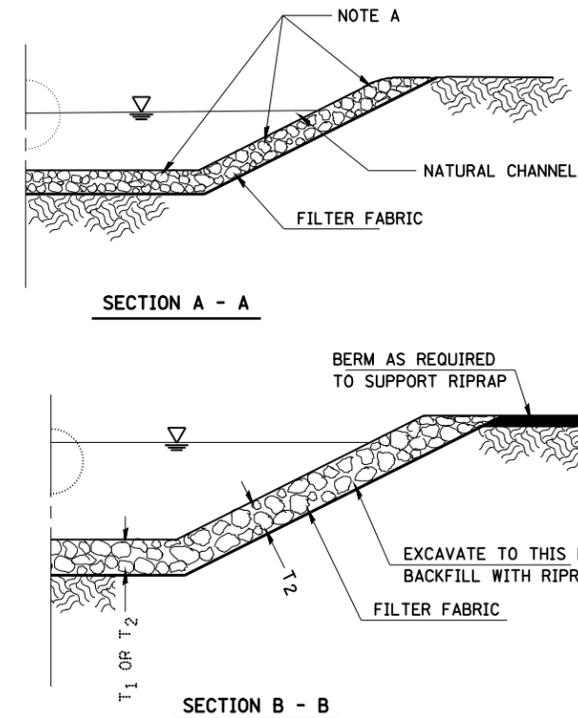
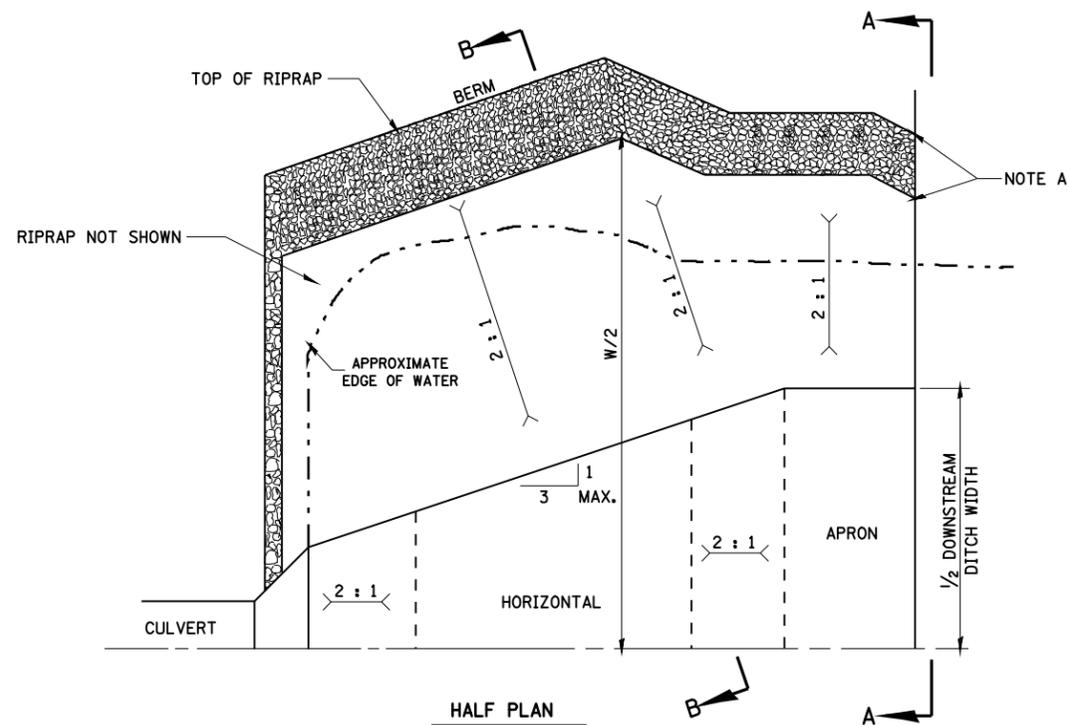


ROUTE	STATION	DISSIPATOR POOL LENGTH FT	APRON LENGTH FT	W WIDTH FT	h _s FT	TOP OF BERM h _s + y _e + 1 FT FT	RIPRAP THICKNESS		RIPRAP CLASS	STONE DUMPED RIPRAP SQ YD	FILTER FABRIC SQ YD
							T ₁ IN	T ₂ IN			
FAS 1579 (IL 96)	2196+46 LT	24.0	8.0	44.5	1.67	4.33	28	18	A-4	155.6	155.6
ENERGY DISSIPATING BASIN TOTALS										155.6	155.6



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".

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 NOT BE MEASURED SEPERATELY, BUT WILL BE CONSIDERED AS PART OF THE CONTRACT UNIT BID PRICE PER SQUARE YARD FOR "STONE DUMPED RIPRAP" OF THE CLASS AND SIZE OF RIPRAP SPECIFIED.

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

RIPRAP FOR ENERGY DISSIPATING BASINS

RIPRAP FOR ENERGY DISSIPATING BASINS SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 281 OF THE STANDARD SPECIFICATIONS AND THE SPECIAL PROVISION FOR STONE DUMPED RIPRAP.

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

THE RIPRAP MATERIAL SHALL CONFORM TO CLASS A QUALITY.

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

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -
et:\pwork\pwork\LAUGHLINRL\0114681\08MiscDet01.dgn		DRAWN -	REVISED -
PLOT SCALE = 40.0000' / IN.		CHECKED -	REVISED -
PLOT DATE = Dec-12-2008 02:59:13PM		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

MISCELLANEOUS DETAILS - ENERGY DISSIPATING BASIN

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	(11)N	ADAMS	117	68
• - FAS 1597 & FAU 7830			CONTRACT NO. 72817	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		