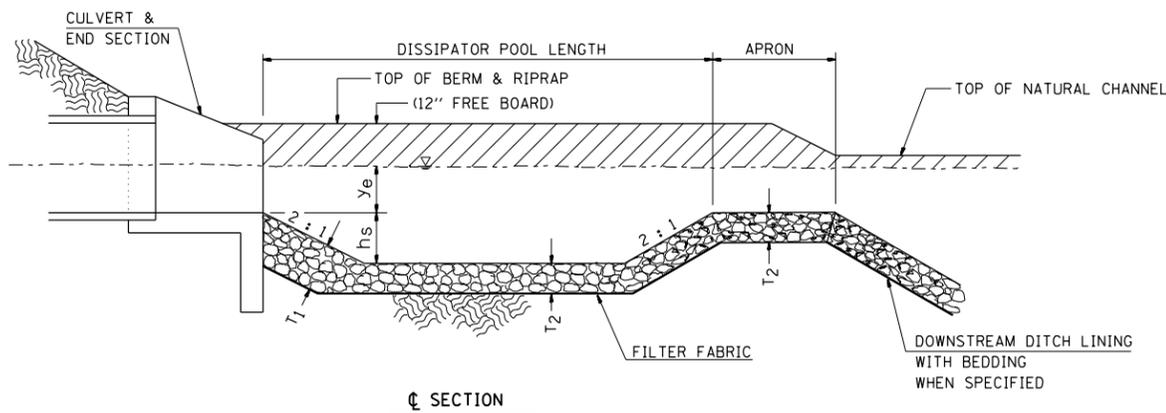
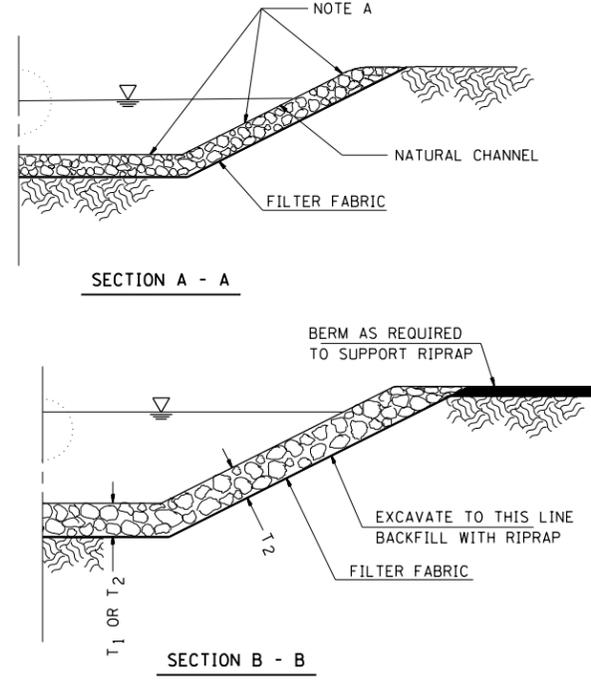
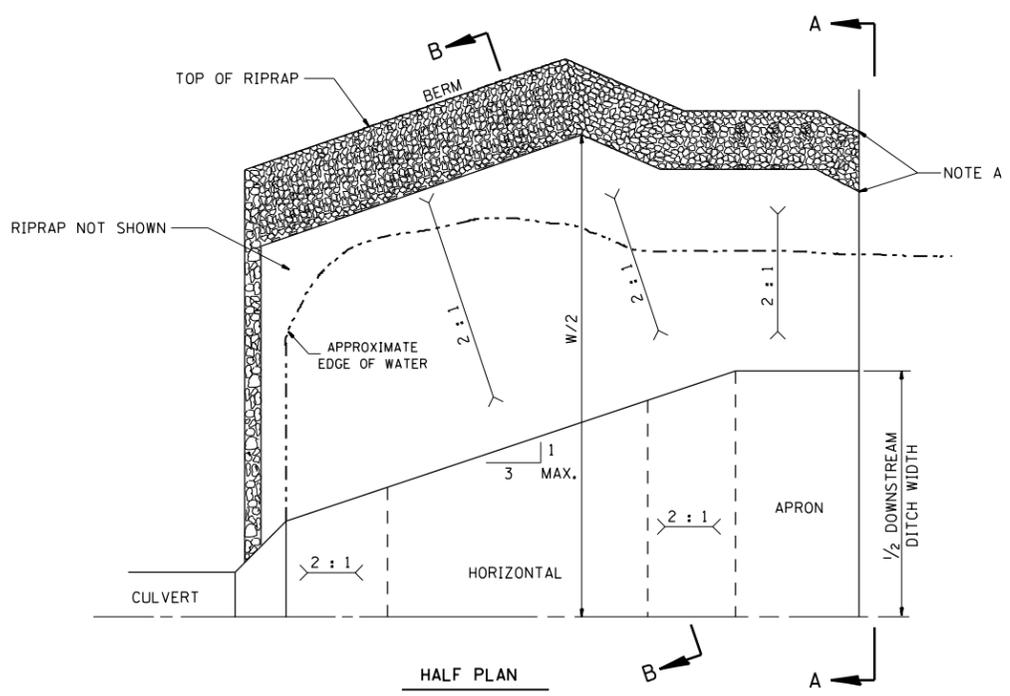


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	69-3(3HB)	MORGAN	793	440
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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STATION	DISSIPATOR POOL LENGTH	APRON LENGTH	W WIDTH	hs	TOP OF BERM hs + ye + 1 FT	RIPRAP THICKNESS		RIPRAP CLASS	STONE RIPRAP	FILTER FABRIC
						T1	T2			
851+11	12.0	6.0	44.2	1.2	4.8	30	22	A4	110.5	102.0
866+07	15.0	5.0	36.5	1.5	5.3	30	22	A4	104.3	96.3
922+35	16.5	8.5	62.8	1.6	7.1	30	22	A4	223.2	206.0
931+90	10.0	0	22.7	1.0	3.0	30	22	A4	31.7	29.3
947+28	12.0	6.0	28.3	1.0	3.6	30	22	A4	70.1	64.7
969+05	18.0	8.0	46.8	1.6	7.1	30	22	A4	172.7	159.4
978+98	16.5	6.0	38.6	1.6	5.2	30	22	A4	119.2	110.0
986+94	12.0	6.0	24.8	1.0	3.2	30	22	A4	60.2	55.6
995+49	16.0	4.0	47.0	1.6	5.3	30	22	A4	113.2	104.5
1001+27	10.0	6.0	23.5	1.0	3.0	30	22	A4	40.7	37.6
1019+28	15.0	7.5	38.5	1.6	5.7	30	22	A4	120.7	111.4
1068+01	11.0	5.0	30.9	1.6	4.7	30	22	A4	67.9	62.7
1082+60	12.0	6.0	31.8	1.0	3.5	30	22	A4	71.9	66.4
1120+72	10.0	0	22.7	1.0	3.0	30	22	A4	31.7	29.3
1134+61	10.0	0	22.7	1.0	3.0	30	22	A4	31.7	29.3
1141+45	10.0	0	22.7	1.0	3.0	30	22	A4	31.7	29.3
29+93 (CONCORD ROAD)	10.0	0	22.7	1.0	3.0	30	22	A4	31.7	29.3
13+50 (US 67 FRONT RD)	10.0	0	22.7	1.0	3.0	30	22	A4	31.7	29.3
25+30 (US 67 FRONT RD)	10.0	0	22.7	1.0	3.0	30	22	A4	31.7	29.3
140+00 (DUTCH LANE EAST)	10.0	0	22.7	1.0	3.0	30	22	A4	31.7	29.3
444+96 (COOPER ST)	15.0	8.0	30.0	1.5	4.0	30	22	A4	106.7	98.5
206+05 (DUTCH LANE WEST)	15.0	8.0	51.0	1.5	5.0	30	22	A4	163.7	151.1
291+09 (HART'S GRAVEL RD)	30.0	10.0	66.5	5.0	11.0	48	36	A5	662.0	378.3
292+61 (HART'S GRAVEL RD)	40.0	10.0	69.5	5.0	10.4	48	36	A5	728.9	416.5



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 SEPARATELY, BUT WILL BE CONSIDERED AS PART OF THE CONTRACT UNIT BID PRICE PER TON FOR "STONE 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 RIPRAP FOR ENERGY DISSIPATING BASINS.

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

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

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
MISCELLANEOUS DETAILS
ENERGY DISSIPATING BASINS
FAP 310 (US 67/IL 104)
 DATE 9/06
 DRAWN BY SEB
 CHECKED BY