PROJECT REFERENCE NO.	SHEET NO.
R-5159	EC-1

DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA

SOIL STABILIZATION/DITCHLINER SUMMARY SHEET

MATTING FOR EROSION CONTROL

CONST SHEET NO.	LINE	FROM STATION	TO STATION	SIDE	ESTIMATE (SYD)
4, 5	L	14+25	19+00	LEFT	316.67
5	L	16+50	19+54	RIGHT	202.67
6	L	25+50	27+00	LEFT	100.00
7	L	28+40	29+50	RIGHT	73.33
8, 9	L	38+25	41+77	LEFT	234.67
9	L	41+77	45+00	LEFT	215.33
9, 10	L	45+00	46+64	LEFT	109.33
10, 11	L	46+50	52+66	RIGHT	410.67
10	L	49+95	50+50	LEFT	36.67
11, 12	L	56+95	62+00	LEFT	336.67
12	L	60+95	62+00	RIGHT	70.00
20, 21	L	109+10	113+50	RIGHT	293.33
21	L	113+50	116+41	RIGHT	194.00
21, 22	L	116+41	119+15	RIGHT	182.67
24	L	131+00	132+00	RIGHT	66.67
24	L	131+40	132+00	LEFT	40.00
27	L	147+60	154+55	RIGHT	463.33
27	L	148+10	151+75	LEFT	243.33
28	L	155+25	158+25	LEFT	200.00
29	L	160+80	161+50	RIGHT	46.67
29, 30	L	162+50	165+00	LEFT	166.67
30	L	165+00	169+40	LEFT	293.33
33, 34	L	184+42	188+58	RIGHT	277.33
34	L	188+58	190+30	RIGHT	114.67
34	L	188+70	190+00	LEFT	86.67
34	L	190+30	193+98	RIGHT	245.33
34, 35	L	193+98	194+34	RIGHT	24.00
35	L	198+85	202+15	RIGHT	220.00
45	L	253+50	255+83	RIGHT	155.33
45	L	255+83	256+78	RIGHT	63.33

MATTING FOR EROSION CONTROL

CONST SHEET NO.	LINE	FROM STATION	TO STATION	SIDE	ESTIMATE (SYD)
47	L	267+00	270+75	LEFT	250.00
47	L	267+00	268+50	RIGHT	100.00
47	L	268+50	268+82	RIGHT	21.33
47	L	268+82	270+25	RIGHT	95.33
47	L	270+25	272+76	RIGHT	167.33
48	L	277+10	278+00	RIGHT	60.00
51, 52	L	294+25	297+25	LEFT	200.00
52	L	297+85	298+10	RIGHT	16.67
52, 53	L	299+15	302+83	RIGHT	245.33
57, 58	L	329+74	331+15	RIGHT	94.00
58	L	331+15	332+38	RIGHT	82.00
66	L	378+00	380+42	RIGHT	161.33
66	L	380+42	383+50	RIGHT	205.33
67	L	385+00	387+90	RIGHT	193.33
68	L	393+00	395+33	RIGHT	155.33
71	L	407+94	411+30	RIGHT	224.00
71	L	408+00	410+00	LEFT	133.33
71, 72	L	411+93	415+00	LEFT	204.67
71, 72	L	411+93	414+30	RIGHT	158.00
73, 74	L	423+20	425+86	RIGHT	177.33
				PAGE TOTAL	**8427.33**
				PLUS MISCELLANEOUS NEEDS	**1000.00**
				SAY	**9500.00**

PROJECT REFERENCE NO.	SHEET NO.
R-5159	EC-2

DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA

SOIL STABILIZATION/DITCHLINER SUMMARY SHEET

NO DITCHLINER NEEDED

CONST SHEET NO.	LINE	FROM STATION	TO STATION	SIDE	ESTIMATE (SYD)
7	L	29+50	32+18	RIGHT	0.0
11	L	52+66	53+25	RIGHT	0.0
11	L	53+25	55+80	RIGHT	0.0
11	L	53+40	56+95	LEFT	0.0
32, 33	L	180+75	182+25	LEFT	0.0
33	L	183+50	184+42	RIGHT	0.0
36	L	202+15	202+75	RIGHT	0.0
36	L	202+75	205+27	RIGHT	0.0
37	L	205+27	205+60	RIGHT	0.0
37	L	208+70	210+55	RIGHT	0.0
37	L	210+55	211+23	RIGHT	0.0
38	L	215+44	216+65	RIGHT	0.0
40	L	225+44	226+96	RIGHT	0.0
40 , 41	L	229+10	230+67	RIGHT	0.0
41	L	230+67	231+50	RIGHT	0.0
42	L	236+00	237+55	RIGHT	0.0
48	L	272+76	274+00	RIGHT	0.0
48, 49	L	275+00	277+50	LEFT	0.0
50	L	285+00	286+59	RIGHT	0.0
53	L	302+83	303+20	RIGHT	0.0
53	L	303+20	304+75	RIGHT	0.0
53	L	304+75	305+50	RIGHT	0.0
55	L	313+00	315+90	RIGHT	0.0
55	L	315+80	316+90	LEFT	0.0
55	L	315+90	318+65	RIGHT	0.0
55, 56	L	318+65	318+90	RIGHT	0.0
56	L	318+90	324+00	RIGHT	0.0
56	L	319+30	323+20	LEFT	0.0
56, 57	L	324+00	326+47	RIGHT	0.0
57	L	326+47	327+30	RIGHT	0.0

NO DITCHLINER NEEDED

CONST SHEET NO.	LINE	FROM STATION	TO STATION	SIDE	ESTIMATE (SYD)
57	L	327+30	329+74	RIGHT	0.0
59	L	338+08	341+04	RIGHT	0.0
59, 60	L	341+04	344+50	RIGHT	0.0
61	L	351+10	351+75	RIGHT	0.0
68	L	391+59	393+00	RIGHT	0.0
68, 69	L	395+33	396+25	RIGHT	0.0
68, 69	L	395+50	401+25	LEFT	0.0
69	L	396+25	401+36	RIGHT	0.0
69, 70	L	401+36	402+00	RIGHT	0.0
70	L	402+00	404+73	RIGHT	0.0
70	L	404+73	407+64	RIGHT	0.0
71	L	407+64	407+94	RIGHT	0.0
72	L	414+30	415+77	RIGHT	0.0
72	L	415+77	419+10	RIGHT	0.0
72, 73	L	419+10	424+15	LEFT	0.0
73	L	419+10	421+00	RIGHT	0.0
73	L	421+00	421+75	RIGHT	0.0
73	L	421+75	423+20	RIGHT	0.0
				PAGE TOTAL	0.00
				PLUS MISCELLANEOUS NEEDS	0.00
				SAY	0.00

PROJECT REFERENCE NO.	SHEET NO.
R-5159	EC-3

DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA

SOIL STABILIZATION/DITCHLINER SUMMARY SHEET

PERMANENT SOIL REINFORCEMENT MAT

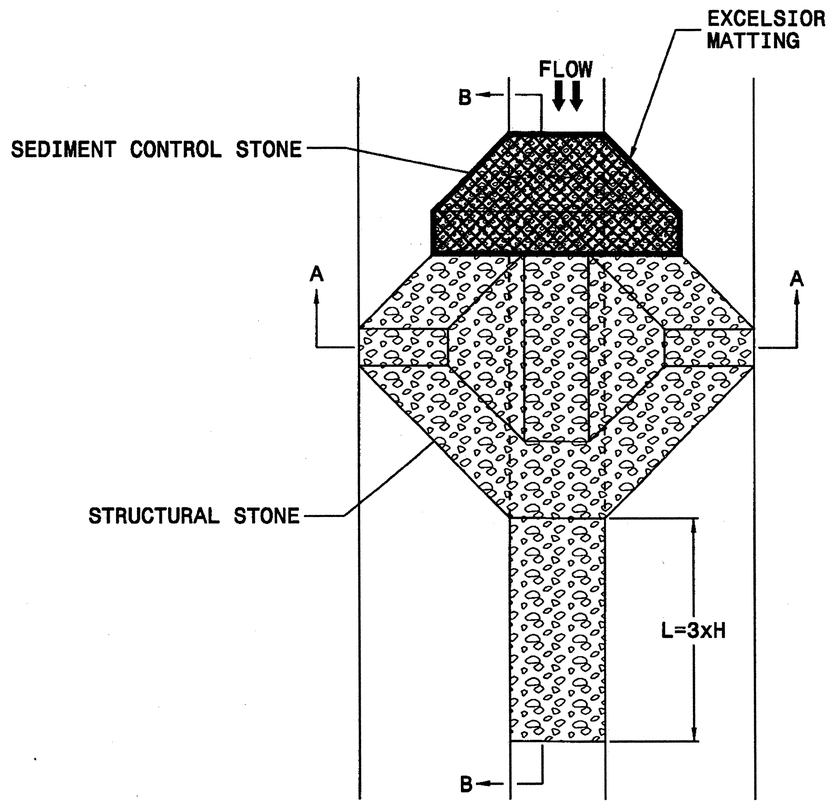
CONST SHEET NO.	LINE	FROM STATION	TO STATION	SIDE	ESTIMATE (SYD)
4	L	10+00	12+68	LEFT	178.7
7, 8	L	33+50	36+75	LEFT	216.7
22	L	118+90	122+50	LEFT	240.0
22, 23	L	119+15	123+30	RIGHT	276.7
23	L	125+00	128+45	LEFT	230.0
24, 25	L	132+00	136+40	LEFT	293.3
24, 25	L	132+00	136+90	RIGHT	326.7
25, 26, 27	L	139+40	147+60	RIGHT	546.7
25, 26, 27	L	139+70	147+60	LEFT	526.7
27	L	147+60	148+10	LEFT	33.3
42, 43	L	239+10	243+00	RIGHT	260.0
44	L	247+75	253+00	LEFT	350.0
45, 46	L	256+50	262+20	LEFT	380.0
62	L	356+00	359+85	RIGHT	256.7
62, 63	L	359+90	365+50	LEFT	373.3
64, 65, 66	L	370+73	378+00	RIGHT	484.7
65, 66	L	377+00	378+40	LEFT	93.3
				PAGE TOTAL	5066.67
				PLUS MISCELLANEOUS NEEDS	500.00
				SAY	5600.00

RIP RAP LINED (Class B)

CONST SHEET NO.	LINE	FROM STATION	TO STATION	SIDE	ESTIMATE (TONS)
13	L	66+10	67+40	LEFT	26.0
13, 14	L	68+24	70+25	RIGHT	40.2
14	L	70+16	72+50	LEFT	46.8
14	L	72+50	74+74	LEFT	44.8
14	L	73+50	74+74	RIGHT	24.8
15, 16	L	81+25	85+00	LEFT	75.0
16, 17	L	84+70	90+30	RIGHT	112.0
17	L	88+35	89+20	LEFT	17.0
				PAGE TOTAL	386.60
				PLUS MISCELLANEOUS NEEDS	50.00
				SAY	450.00

PROJECT REFERENCE NO.	SHEET NO.
R-5159	EC-4

TEMPORARY ROCK SILT CHECK TYPE 'A' WITH EXCELSIOR MATTING AND POLYACRYLAMIDE (PAM) DETAIL

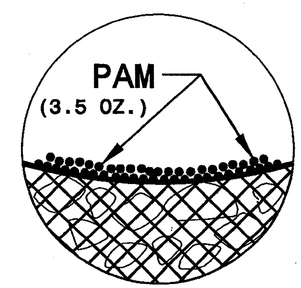


PLAN

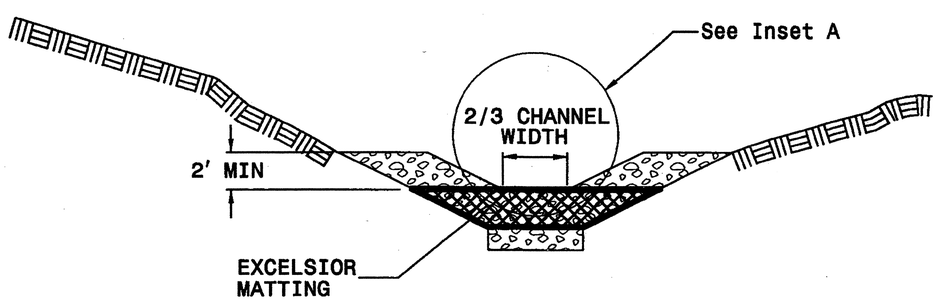
NOTE

USE EXCELSIOR FOR MATTING MATERIAL AND ANCHOR MATTING SECTION AT TOP AND BOTTOM WITH CLASS B STONE.

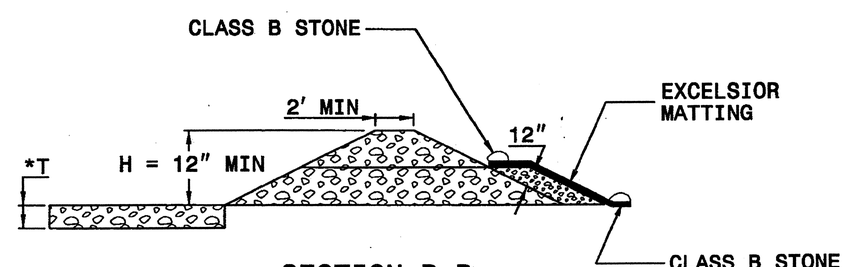
INITIALLY APPLY 3.5 OUNCES OF POLYACRYLAMIDE (PAM) TO TOP OF MATTING SECTION AND AFTER EVERY RAINFALL EVENT THAT EQUALS OR EXCEEDS 0.50 INCHES.



INSET A



SECTION A-A



SECTION B-B

*T = 12" MIN., 18" MAX.