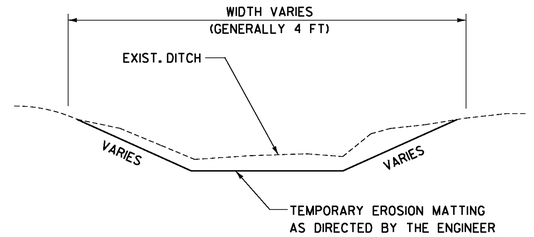
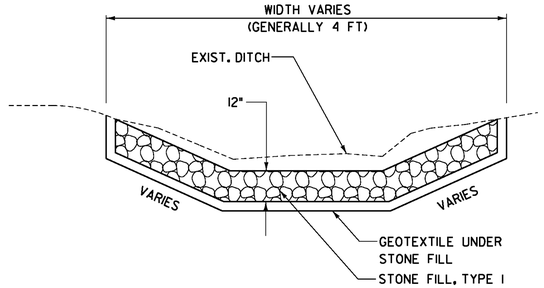
LOCATION				FEET OF DITCHING		MISCELLANEOUS ITEMS				REMARKS
						613.10	649.31	651.15	653.20	
SITE	STATION	STATION	POS.	PERCENT GRADE		STONE FILL, TYPE I	GEOT. UNDER STONE FILL	SEED	TEMP. EROS. MATT.	
				0-2.5	≥2.5					
ESSEX						CY	SY	LB	SY	
VT ROUTE 128										
1	5+88	6+28	RT	40				**	18	
2	52+80	54+44	LT	164				**	73	
3	58+48	60+24	LT	176				**	78	
4	60+39	61+11	LT	72				**	32	
5	61+32	61+91	LT	59				**	26	
6	62+07	63+50	LT	143				**	64	
7	65+50	67+87	LT	237				**	105	
8	68+10	69+25	RT	115				**	51	
9	74+45	76+45	RT	200				**	89	
10	87+12	88+12	RT	100				**	44	
11	89+76	90+01	RT	25				**	11	
12	95+07	96+72	RT	165				**	73	
13	96+88	99+04	RT	216				**	96	
14	99+44	100+04	RT	60				**	27	
15	100+32	100+57	RT	25				**	11	
16	127+25	127+50	RT	25				**	11	
17	142+56	147+40	RT	484				**	215	
18	147+53	151+00	RT	347				**	154	
19	151+17	153+12	RT	195				**	87	
20	200+64	206+62	LT	598				**	266	
21	207+26	208+72	LT	146				**	65	
24	221+76	228+73	RT		697	103	465			
22	228+97	232+32	RT		335	50	223			
SUBTOTALS				3592	1032	153	688	**	1596	

LOCATION				FEET OF DITCHING		MISCELLANEOUS ITEMS				REMARKS
						613.10	649.31	651.15	653.20	
SITE	STATION	STATION	POS.	PERCENT GRADE		STONE FILL, TYPE I	GEOT. UNDER STONE FILL	SEED	TEMP. EROS. MATT.	
				0-2.5	≥2.5					
WESTFORD						CY	SY	LB	SY	
VT ROUTE 128										
1	0+00	5+93	LT	593				**	264	
2	0+35	1+49	RT	114				**	51	
3	1+72	3+80	RT	208				**	92	
4	3+97	4+83	RT	86				**	38	
5	4+98	6+53	RT	155				**	69	
6	6+06	9+74	LT	368				**	164	
7	6+80	8+37	RT	157				**	70	
8	8+68	12+50	RT	382				**	170	
9	9+95	15+74	LT	579				**	257	
10	21+28	25+50	LT	422				**	188	
11	28+88	32+27	RT	339				**	151	
12	32+71	39+43	RT	672				**	299	
13	32+85	39+39	LT	654				**	291	
14	39+57	43+50	LT	393				**	175	
15	39+59	46+28	RT	669				**	297	
16	46+43	48+50	LT	207				**	92	
17	46+43	50+88	RT	445				**	198	
18	54+00	58+38	RT	438				**	195	
19	62+00	66+85	LT	485				**	216	
20	58+51	68+85	RT	1034				**	460	
COLUMN 1 SUBTOTALS:				3592	1032	153	688	**	1596	
COLUMN 2 SUBTOTALS:				8400				**	3737	
DITCHING TOTALS				11992	1032	153*	688*	**	5333*	

*TOTALS CARRIED FORWARD TO THE ITEM DETAIL SUMMARY SHEET. (SEE SHEET 11)
**QUANTITIES FOR ITEM 651.15 SEED ARE INCLUDED IN THE TOTAL ON SHEET 9.



DITCH DETAIL 0 – 2.5 PERCENT



DITCH DETAIL ≥ 2.5 PERCENT

NOTES:

1. PIPE INLET AND OUTLET AREAS AND DITCH CLEANING THROUGHOUT THE PROJECT SHALL BE PERFORMED AT LOCATIONS IDENTIFIED ON THIS SHEET AND AS DIRECTED BY THE ENGINEER. PAYMENT WILL BE UNDER THE APPLICABLE EQUIPMENT RENTAL ITEM(S).

2. GRADES BETWEEN 0 AND 2.5 PERCENT SHALL USE ITEM 651.15, SEED AND EITHER ITEM 651.25, HAY MULCH OR ITEM 653.20, TEMPORARY EROSION MATTING AS DIRECTED BY THE ENGINEER. GRADES 2.5 PERCENT OR GREATER SHALL USE ITEM 649.31, GEOTEXTILE UNDER STONE FILL AND ITEM 613.10, STONE FILL TYPE I AS DIRECTED BY THE ENGINEER.

NOT TO SCALE

Stantec

DITCH CLEANING DETAIL SHEET

PROJECT NAME: ESSEX-WESTFORD
PROJECT NUMBER: STP 2912(1)

FILE NAME: p10c226.dgn
PROJECT LEADER: JLL
DESIGNED BY: STANTEC
IPARM FILE: p10c226dcs.i
PLOT DATE: 2/20/2013
DRAWN BY: STANTEC
CHECKED BY: STANTEC
SHEET 19 OF 239