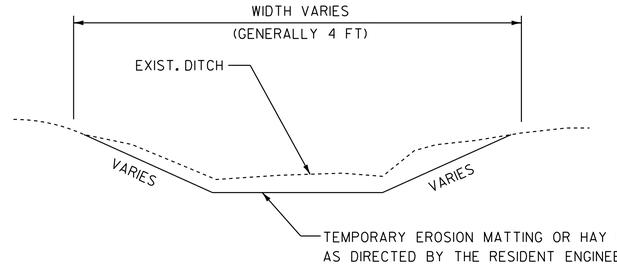
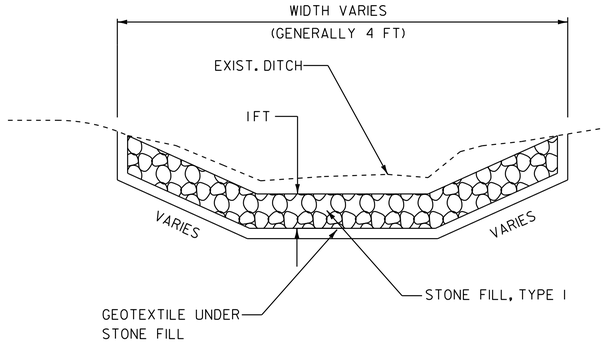
LOCATION				FEET OF DITCHING				MISCELLANEOUS ITEMS				
								613.10	649.3I	651.15	653.20	
SITE	STATION	STATION	POS.	PERCENT GRADE				STONE FILL, TYPE I	GEOT. UNDER STONE FILL	SEED	TEMP. EROS. MATT.	REMARKS
				0-1	1-2.5	2.5-10	>10	CY	SY	LB	SY	
VT ROUTE 128												
WESTFORD												
1	186+91	190+08	RT			317		47	211			
2	190+08	191+35	RT	127								
3	194+41	195+36	LT&RT	190								
4	195+36	196+73	RT			137		20	91			
5	195+36	200+64	LT			528		78	352			
6	200+64	205+92	RT	528								
7	205+92	206+98	RT			106		16	71			
8	210+94	215+37	LT&RT			888		132	592			
9	218+49	221+60	LT			312		46	208			
10	218+49	262+73	RT			4425		656	2950			
11	238+87	255+71	LT			1684		249	1123			
12	256+98	262+73	LT			576		85	384			
13	264+63	266+22	RT		158						70	
14	270+39	273+13	LT&RT		550						244	
15	276+36	278+04	RT			169		25	113			
16	287+50	262+73	RT	818								
17	295+68	300+96	RT			528		78	352			
FAIRFAX												
18	19+80	23+18	RT			338		50	225			
19	30+25	31+68	LT	143								
20	31+68	33+05	RT		138						61	
DITCHING SUBTOTALS (EST.)				1806	846	10008		1482 *	6672 *		375 *	

LOCATION				FEET OF DITCHING				MISCELLANEOUS ITEMS				
								613.10	649.3I	651.15	653.20	
SITE	MILE MARKER	MILE MARKER	POS.	PERCENT GRADE				STONE FILL, TYPE I	GEOT. UNDER STONE FILL	SEED	TEMP. EROS. MATT.	REMARKS
				0-1	1-2.5	2.5-10	>10	CY	SY	LB	SY	



DITCH DETAIL < 2.5 PERCENT

NOT TO SCALE



DITCH DETAIL > 2.5 PERCENT

NOT TO SCALE

STONE DITCH DETAIL

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 RESIDENT ENGINEER. PAYMENT WILL BE UNDER THE APPLICABLE EQUIPMENT RENTAL ITEM(S).

2. ESTIMATED QUANTITIES OF TEMPORARY EROSION MATTING AND SEED HAVE BEEN INCLUDED AS NEEDED OR AS DIRECTED BY THE RESIDENT ENGINEER.

3. ESTIMATED QUANTITIES OF STONE FILL TYPE I AND GEOTEXTILE UNDER STONE FILL HAVE BEEN INCLUDED AS NEEDED. STONE FILLTYPE I SHALL BE USED IN ALL DITCHES WITH A GRADE 2.5 PERCENT OR GREATER OR AS DIRECTED BY THE RESIDENT ENGINEER.

* THESE TOTALS ARE CARRIED FORWARD TO THE DETAILED SUMMARY OF QUANTITIES ON THE QUANTITY SHEETS

NOT TO SCALE

Stantec

DITCH CLEANING DETAIL SHEET

PROJECT NAME: WESTFORD - FAIRFAX
PROJECT NUMBER: STP 2804(1)

FILE NAME: p08c212.dgn
PROJECT LEADER: JLL
DESIGNED BY: STANTEC
IPARM FILE: p08C212dcs.i

PLOT DATE: 31-OCT-2012 13:56
DRAWN BY: STANTEC
CHECKED BY: JLL
SHEET 16 OF 79