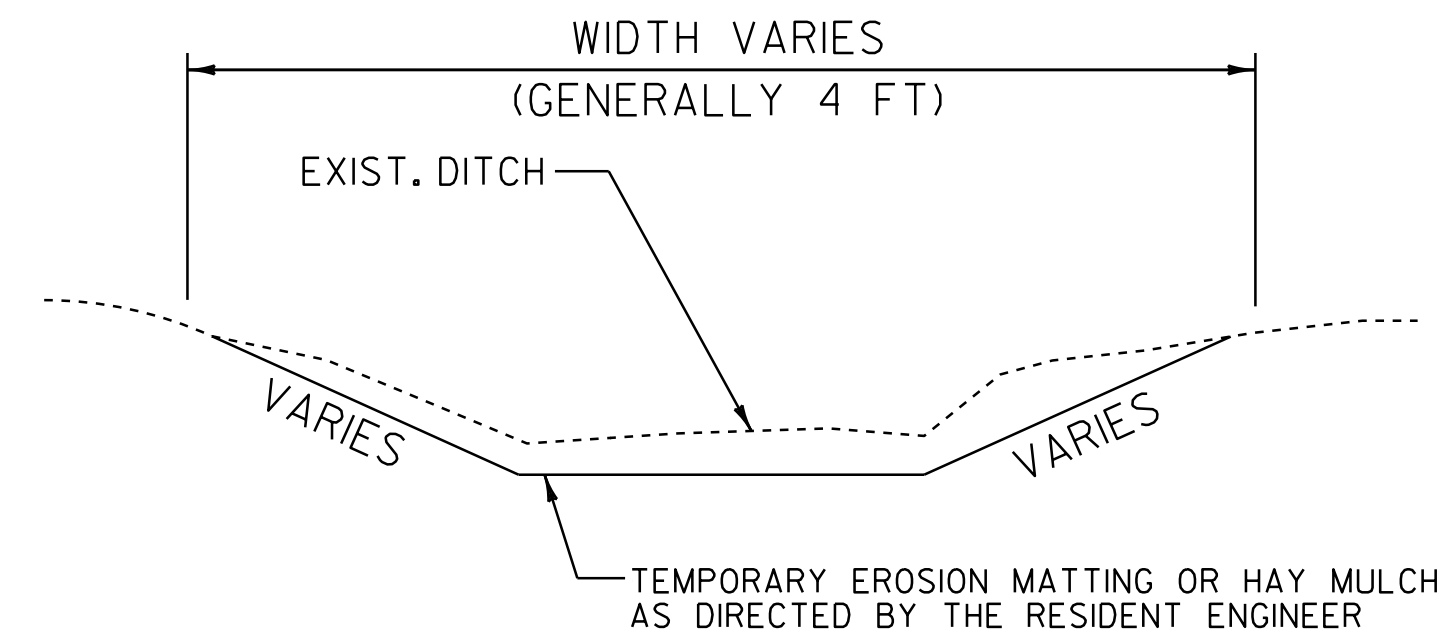
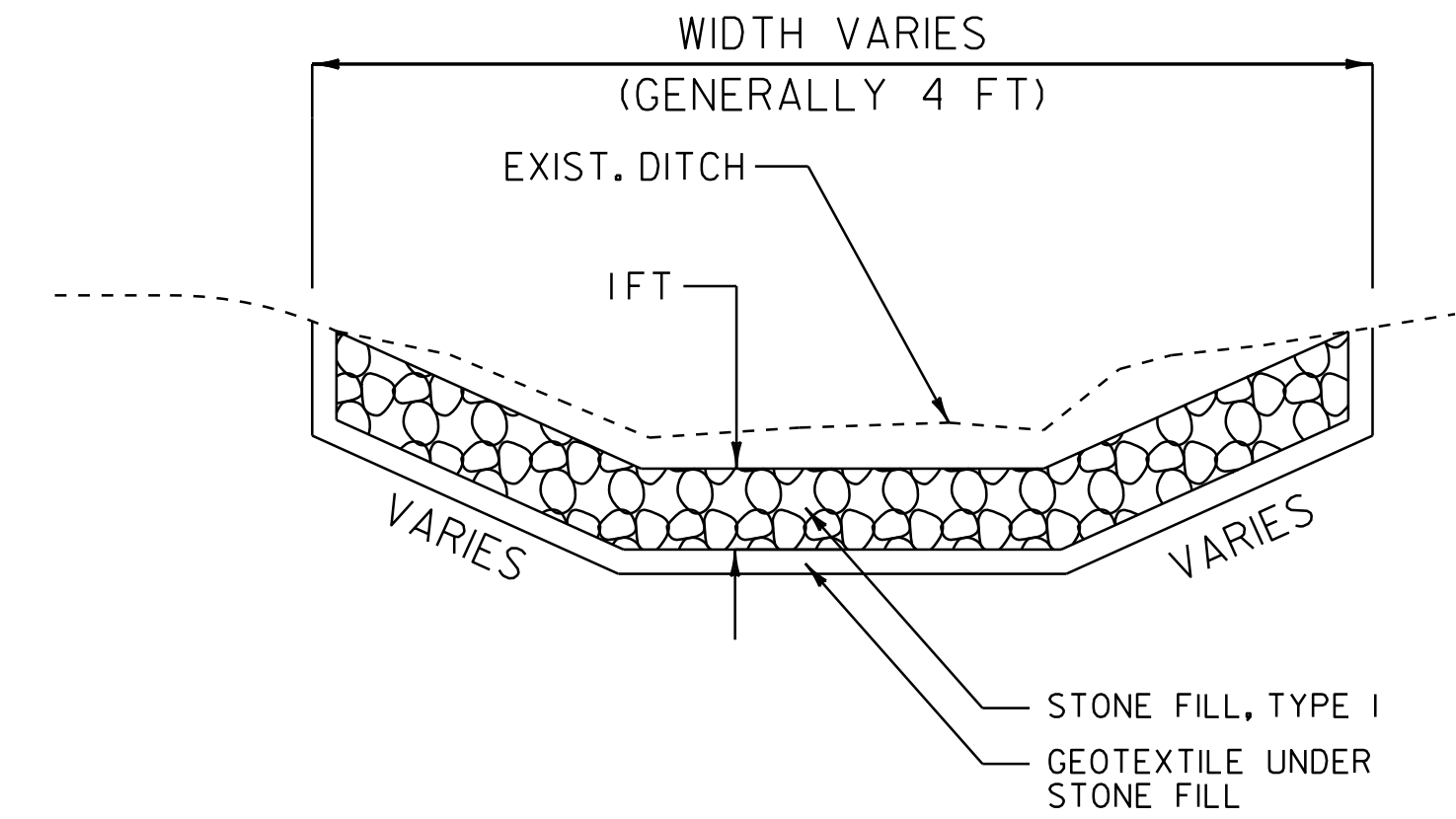


LOCATION				FEET OF DITCHING			MISC. ITEMS				REMARKS
SITE	STATION	STATION	POS.	PERCENT GRADE			653.20	613.10	613.11	649.31	
				0-1	1-2.5	2.5-10	TEMP. EROS. MATT.	STONE FILL, TYP. I	STONE FILL, TYP. II	GEOT. UNDER STONE FILL	
GUILFORD				LF	LF	LF	SY	CY	CY	SY	
1	I+65	2+75	LT			110					
2	2+75	31+37	LT	2862							
	15+26	33+18	LT								
3	31+37	48+55	LT			1718					VARIOUS SMALL AREAS
	60+50	60+56	LT								
4	48+55	63+36	LT		1481		658				VARIOUS SMALL AREAS
	47+00	65+00	LT								
5	79+20	89+76	LT	1056							
	82+00	82+34	LT								
6	99+26	110+88	RT			1162					
	100+25	100+53	RT								
7	106+66	110+88	LT			422					
	100+25	114+00	LT								
8	124+08	163+68	RT			3960					2 AREA
	127+75	149+00	RT								2 AREA
9	169+49	174+24	LT		475		211				
10	182+69	196+00	LT			1331					
11	196+00	200+00	LT	400							
12	200+00	211+20	LT	1120							
13	218+06	233+60	LT			1554					
14	233+60	247+40	LT			1380					EXIST. STONE LINED DITCH
15	247+40	257+77	LT			1037					
	251+00	251+25	RT								
16	252+11		RT								SLOPE STABILIZATION
	256+50	256+80	RT								SLOPE STABILIZATION
17	257+77	258+17	LT	40							
VERNON											
18	V 0+00	V 0+25	LT	25							
19	V 0+25	V 0+50	LT		25		11				
20	V 0+50	V 3+00	LT			250					
	4+40	4+61	LT								
21	V 3+00	V 11+51	LT		851		378				
GUILFORD											
22	258+17	259+00	LT		83		37				
23	259+00	272+98	LT			1398					
	327+00	327+31	RT								
24	336+86	356+40	LT		1954		868				
	351+00		LT								
BRATTLEBORO											
25	B 0+00	B 10+56	LT			1056					
26	B 10+56	B 21+12	RT		1056		469				
27	B 26+40	B 36+96	LT			1056					
ITEM 621.50 MTS, FLARED							756				
ITEM 621.51 MTS, TANGENT							55				
ITEM 621.60 ANCHOR FOR STEEL BEAM RAIL							76				
PROJECT SUBTOTALS							3520	2230.2	11.1	10058	
ROUNDINGS							80	19.8	3.9	142	
PROJECT TOTALS							3600	2250	15	10200	



**DITCH DETAIL < 2.5 PERCENT  
NOT TO SCALE**



**DITCH DETAIL > 2.5 PERCENT  
NOT TO SCALE**

### SEEDING FORMULA

RATE: DOUBLE IF HYDROSEEDING

% WT.	LBS./A.	NAME	PUR %	GERM %
37.5	22.5	CREeping RED FESCUE	98	85
37.5	22.5	TALL FESCUE	95	90
5.0	3.0	RED TOP	95	90
15.0	9.0	BIRDSFOOT TREFOIL	98	85
5.0	3.0	ANNUAL RYEGRASS	95	85
100.0	60.0			

### SEEDING NOTES

SEED MIXTURE: SHALL NOT HAVE A WEED CONTENT EXCEEDING 0.40% BY WEIGHT AND SHALL BE FREE OF ALL NOXIOUS SEED.

SEED: TO BE APPLIED PER SEEDING FORMULAS OR AS DIRECTED BY THE RESIDENT ENGINEER.

FERTILIZER: FORMULA 10-20-10, TO BE USED WITH SEED, APPLIED AT THE RATE OF 500 LBS./ACRE. (HYDRO SEEDERS MAY USE 19-19-19 FORMULA).

AGRICULTURAL LIMESTONE: TO BE APPLIED AT THE RATE OF 2 TONS/ACRE, OR AS DIRECTED BY THE RESIDENT ENGINEER.

HAY MULCH: TO BE PLACED ON THE EARTH SLOPES AT THE RATE OF 2 TONS/ACRE, OR AS DIRECTED BY THE RESIDENT ENGINEER.

TOPSOIL: TO BE USED WITH SEED AS INDICATED ON THE PLANS, OR AS DIRECTED BY THE RESIDENT ENGINEER.

GRADES LESS THAN 1 PERCENT SHALL USE ITEM 651.15, SEED AND ITEM 651.25, HAY MULCH. GRADES BETWEEN 1 AND 2.5 PERCENT SHALL USE ITEM 651.25, HAY MULCH OR ITEM 653.20, TEMPORARY EROSION MATTING AS DIRECTED BY THE RESIDENT ENGINEER. GRADES OVER 2.5 PERCENT SHALL USE ITEM 649.31, GEOTEXTILE UNDER STONE FILL AND ITEM 613.10, STONE FILL TYPE I AS DIRECTED BY THE RESIDENT ENGINEER.

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

### DITCH CLEANING SHEET

PROJECT NAME: GUILFORD-BRATTLEBORO

PROJECT NUMBER: STP 2707(1)

FILE NAME: /pave/07cl66/pcl66

PLOT DATE: 29-JAN-2013 11:40

PROJECT LEADER: PTS

DRAWN BY: WWG

DESIGNED BY: NULL

CHECKED BY: NULL/PTS

IPARM FILE NAME: 07Cl66.19

SHEET 19 OF 97

NOT TO SCALE