

LOCATION				FEET OF DITCHING				MISC. ITEMS				REMARKS	LOCATION				FEET OF DITCHING				MISC. ITEMS				REMARKS
SITE	STATION	STATION	POS.	PERCENT GRADE			653.20 TEMP. EROS. MATT.	613.10 STONE FILL TYP. I	613.11 STONE FILL TYP. II	649.31 GEOT. UNDER STONE FILL	SITE		STATION	STATION	POS.	PERCENT GRADE			653.20 TEMP. EROS. MATT.	613.10 STONE FILL TYP. I	613.11 STONE FILL TYP. II	649.31 GEOT. UNDER STONE FILL			
				0-1	1-2.5	2.5-10										0-1	1-2.5	2.5-10							
BRATTLEBORO US ROUTE 5				LF	LF	LF	SY	CY	CY	SY					LF	LF	LF	SY	CY	CY	SY				
1	180+08		LT			8		1.2		5.3	6' X 8' GUTTER	31	216+35	217+00	LT	65									
2	180+25	185+83	RT			558	248.0		124	372		32	210+30	212+40	LT	210									
3	185+83	187+25	RT		142		63.1					33	220+90	223+75	LT		285	126.7							
3	196+00		LT			15		1.7		10.0	6' X 15' GUTTER	34	220+93	221+88	RT	95									
4	264+03	267+76	LT			373		41.4		248.7		35	223+76	225+12	LT		136	60.4							
5	264+88	271+67	RT		679		301.8					36	226+37	230+77	LT		440	195.6							
6	276+00	276+20	RT			27		5.0		18.0	6' X 27' GUTTER	37	243+30	244+45	LT	115									
7	276+55		LT			17		3.8		11.3	6' X 17' GUTTER	38	243+30	245+30	RT	200									
BRATTLEBORO SUBTOTAL					821	998	612.9	53.1	124	665.3		39	252+10	258+10	LT			600		66.7	400.0				
DUMMERSTON US ROUTE 5												40	254+35	258+35	RT	400									
8	5+95	9+10	RT	315								41	263+80	274+30	LT			1050	116.7		700.0				
9	30+05		LT			14		1.0		9.3	6' X 14' GUTTER	42	266+67	266+77	RT	10									
10	31+55		RT			8		1.2		5.3	4' X 8' GUTTER	43	277+76	279+31	LT			155	17.2		103.3				
11	79+25	79+31	RT			6		0.7		4.0		DUMMERSTON SUBTOTAL				2278	1636	6208	727.1	691.7	0	4145			
12	80+28		LT			6		1.1		10.0	6' X 15' GUTTER	PUTNEY US ROUTE 5													
13	101+73	102+93	RT		120		53.3					44	0+00	1+03	LT	103		45.8			5%				
14	103+22	105+07	RT		185		82.2					45	0+00	1+65	RT	165		73.3							
15	107+02	111+07	RT			405		45.0		270.0	11.5%	PUTNEY SUBTOTAL				0	268	0	119.1	0	0	0			
16	110+67	111+12	LT			45		5.0		30.0	19% HAS STONE	EROSION REPAIR								100	300				
17	146+65	147+55	LT			90		10.0		60.0	8%	ITEM 621.50 MTS, FLARED							750						
18	149+80	157+70	LT			790		87.8		526.7		ITEM 621.60 ANCHOR FOR STEEL BEAM RAIL							500						
19	158+20	160+70	RT			250		27.8		166.7															
20	158+95	160+51	LT			156		17.3		104.0															
21	160+80	165+15	LT	435																					
22	166+05		RT			20		3.0		13.3	6' X 20' GUTTER														
23	169+00	171+70	LT		270		120.0																		
24	178+05	182+38	LT	433																					
25	182+80	189+98	RT			718		79.8		478.7															
26	184+11	191+60	LT			749		83.2		499.3															
27	200+57	205+85	RT			528		58.7		352.0	6.5%														
28	201+80	207+76	LT			596		66.2		397.3	7%	PROJECT SUBTOTALS							2709.1	744.8	224	5110.0			
29	207+76	209+76	LT		200		88.9					ROUNDINGS							40.9	5.2	6	90.0			
30	209+94		RT			22		3.3		14.7	6' X 22' GUTTER	PROJECT TOTALS							2750	750.0	230	5200			

SEEDING FORMULA
RATE: DOUBLE IF HYDROSEEDING

% WT.	LBS./A.	NAME	PUR %	GERM %
38	32	CREeping RED FESCUE	98	90
29	24	SPARTAN HARD FESCUE	95	85
15	12	AZAY SHEEP'S FESCUE	95	87
15	12	ANNUAL RYE GRASS	95	90
3	--	INERTS	--	--
100.0	80 LB/A			

NOTES

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

SEED ITEM 651.15: TO BE APPLIED PER SEEDING FORMULAS OR AS DIRECTED BY THE RESIDENT ENGINEER.

FERTILIZER ITEM 651.18: 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)

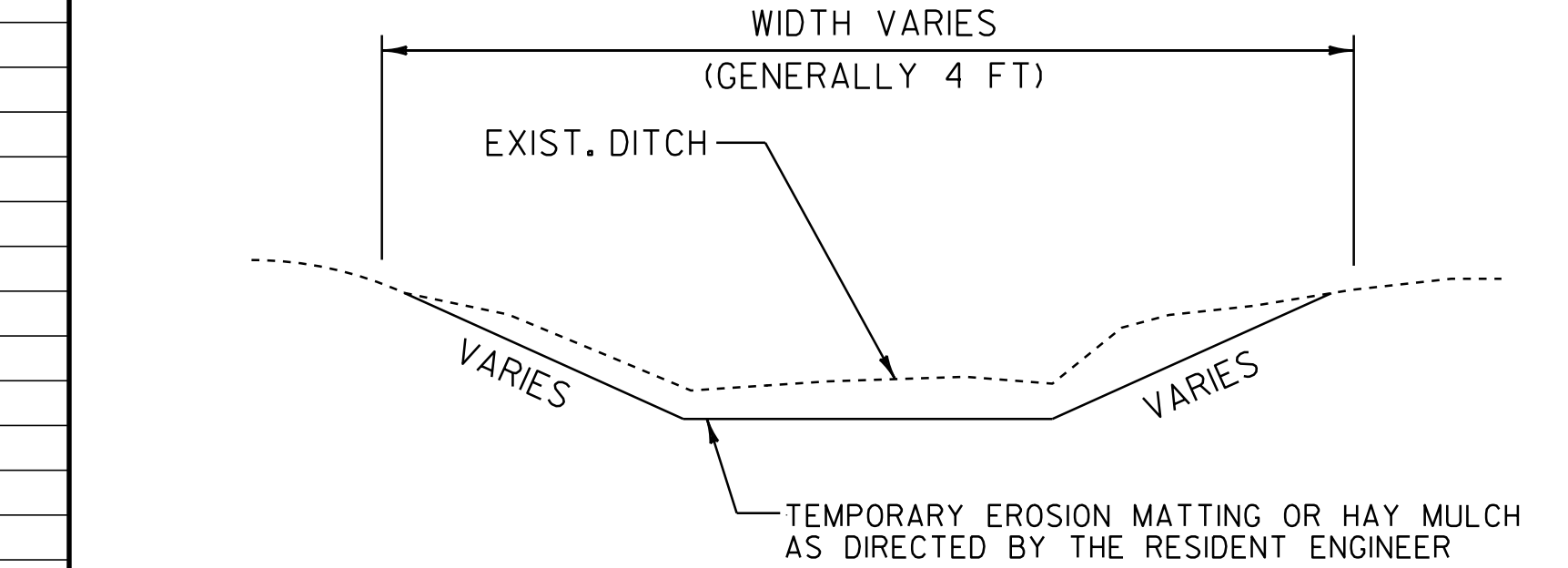
AGRICULTURAL LIMESTONE ITEM 651.20: TO BE APPLIED AT THE RATE OF 2 TONS/ACRE, OR AS DIRECTED BY THE RESIDENT ENGINEER.

HAY MULCH ITEM 651.25: TO BE PLACED ON THE EARTH SLOPES AT THE RATE OF 2 TONS/ACRE, OR AS DIRECTED BY THE RESIDENT ENGINEER.

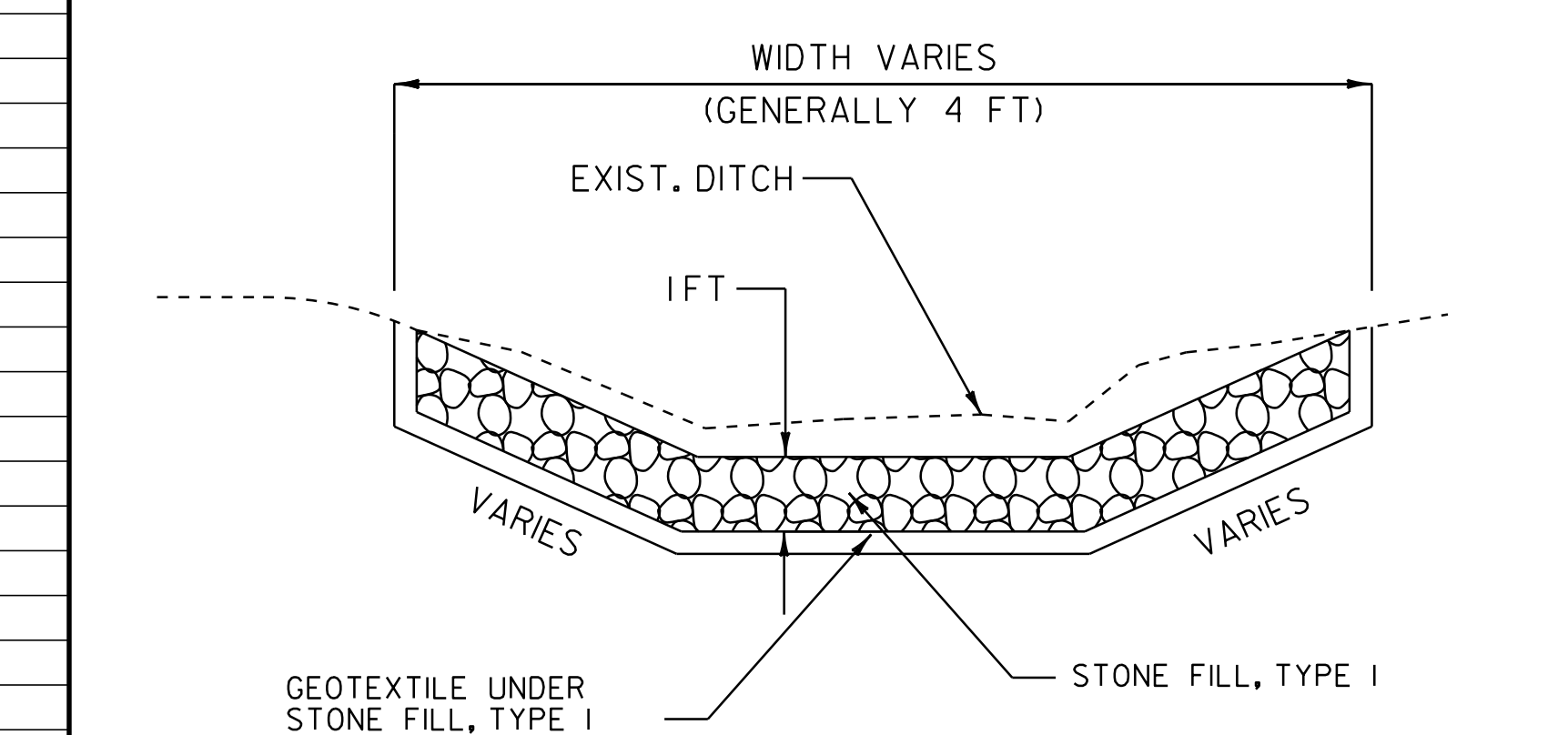
TOPSOIL ITEM 651.35: TO BE USED WITH SEED AS INDICATED ON THE PLANS, OR AS DIRECTED BY THE RESIDENT ENGINEER.

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 DETAIL < 2.5 PERCENT NOT TO SCALE



DITCH DETAIL > 2.5 PERCENT NOT TO SCALE

DITCH CLEANING SHEET

PROJECT NAME: BRATTLEBORO-PUTNEY	FILE NAME: /pave/01c032/pc032	PLOT DATE: 02-MAY-2012 17:2
PROJECT NUMBER: STP 2310(I)	PROJECT LEADER: PTS	DRAWN BY: WWG
	DESIGNED BY: NLL	CHECKED BY: NLL/PTS
	IPARM FILE NAME: 01C032_21	SHEET 21 OF 118