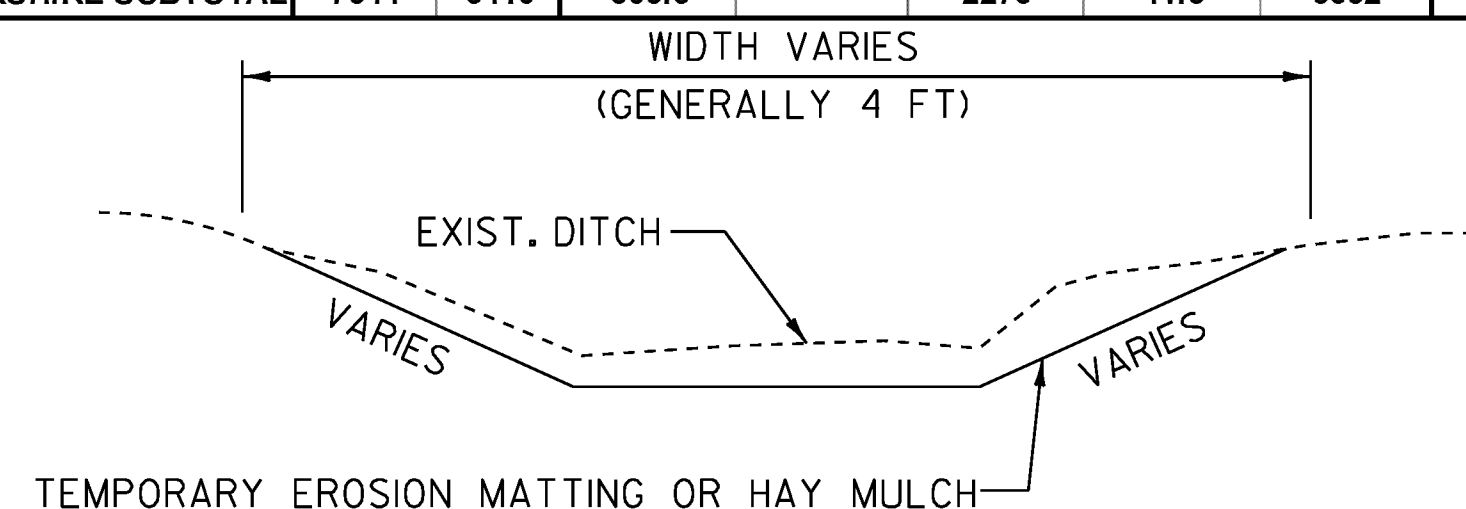
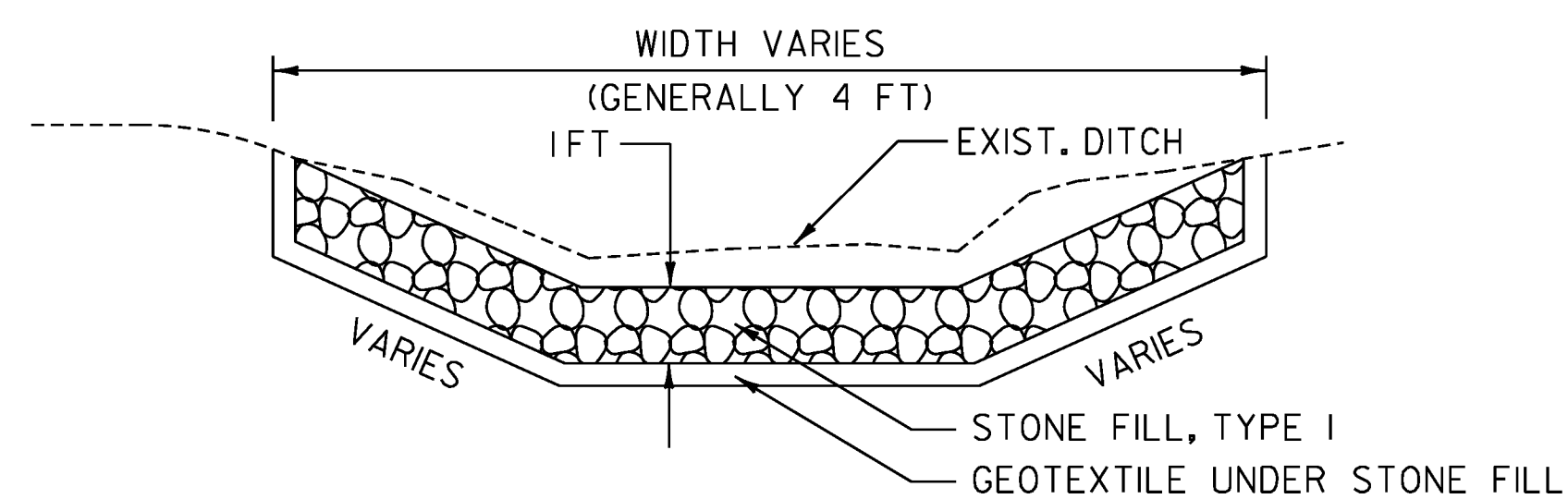


LOCATION				FEET OF DITCHING PERCENT GRADE		613.10	613.11	649.31	651.15	653.20	REMARKS
SITE	STA	STA	POS	0-2.5	2.5-10	STONE FILL TYP. I	STONE FILL TYP. II	GEOT. UNDER STONE FILL	SEED	TEMP. EROS. MATT.	
VERSHIRE											
1	192+70	195+35	LT		265	39.3		177			
2	200+10	200+64	LT	54					0.3	24	
3	200+64	204+50	LT		386	57.2		257			
4	204+50	208+10	LT	360					2.0	160	
5	211+75	212+75	RT		100	14.8		67			
6	212+95	213+85	RT	90					0.5	40	
7	232+30	233+90	RT	160					0.9	71	
8	233+90	234+95	RT		105	15.6		70			
9	235+35	237+25	RT	190					1.0	84	
10	237+25	239+25	RT		200	29.6		133			
11	239+25	242+90	RT	365					2.0	162	
12	250+80	255+00	RT	420					2.3	187	
13	255+00	259+25	RT		425	63.0		283			
14	274+55	277+20	LT	265					1.5	118	
15	279+85	282+50	RT		285	39.3		177			
16	287+85	288+80	RT	95					0.5	42	
17	298+30	305+50	LT	720					4.0	320	
18	305+50	310+69	LT		519	76.9		346			
19	311+50	312+60	RT		110	16.3		73			
20	316+80	318+20	RT		140	20.7		93			
21	318+20	327+25	RT	905					5.0	402	
22	332+30	343+20	RT	1090					6.0	484	
23	345+85	354+80	RT		895	132.6		597			
24	354+80	357+00	RT	220					1.2	98	
25	380+50	398+60	LT	1810					10.0	804	
26	396+00	399+75	RT	375					2.1	167	
27	403+90	408+15	RT	425					2.3	189	
VERSHIRE SUBTOTAL				7544	3410	505.3		2273	41.6	3352	



**DITCH DETAIL 0 TO 2.5 PERCENT  
NOT TO SCALE**

LOCATION				FEET OF DITCHING PERCENT GRADE		613.10	613.11	649.31	651.15	653.20	REMARKS
SITE	STA	STA	POS	0-2.5	2.5-10	STONE FILL TYP. I	STONE FILL TYP. II	GEOT. UNDER STONE FILL	SEED	TEMP. EROS. MATT.	
WEST FAIRLEE											
28	F5+28	F41+00	RT	3572					19.7	1588	
29	F41+00	F43+80	RT		280	41.5		187			
30	F43+80	F61+65	RT	1785					9.8	793	
31	F61+65	F76+00	RT		1435	212.6		957			
32	F76+00	F89+45	RT	1345					7.4	598	
33	F89+45	F91+00	RT		155	23.0		103			
34	F91+00	F101+50	RT	1050					5.8	467	
35	F113+50	F120+75	RT	725					4.0	322	
36	F116+15	F121+50	LT	535					2.9	238	
37	F121+44	F124+00	RT	256					1.4	114	
38	F124+00	F129+25	RT	0	525	77.8		350			
39	F129+25	F140+75	RT	1150					6.3	511	
40	F140+75	F143+75	RT		300	44.4		200			
41	F143+75	F148+94	RT	519					2.9	231	
WEST FAIRLEE SUBTOTAL				10937	2695	399.3		1797	60.2	4862	
THETFORD											
42	T0+00	T2+25	RT	225					1.2	100	
43	T2+25	T4+85	RT		260	38.5		173			
44	T4+85	T19+45	RT	1460					8.0	649	
45	T19+45	T24+00	RT		455	67.4		303			
46	T21+10	T23+50	LT	240		35.6		160			
47	T23+50	T26+50	LT	300					1.7	133	
48	T24+00	T26+25	RT	225					1.2	100	
49	T26+25	T28+00	RT		175	25.9		117			
50	T28+00	T31+35	RT	335					1.8	149	
51	T31+35	T34+50	RT		315	46.7		210			
52	T34+50	T42+24	RT	774					4.3	344	SEE ITEM DETAIL SHEET FOR ROUNDING AND PROJECT TOTAL
THETFORD SUBTOTAL				3319	1445	214.1		963	18.2	1475	



**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 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 ENGINEER.

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

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

### DITCHING NOTES

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

### DITCH CLEANING SHEET

PROJECT NAME: VERSHIRE-THETFORD

PROJECT NUMBER: STP 2911(I)

FILE NAME: pl0c224.dgn

PROJECT LEADER: PTS

DESIGNED BY: NULL

IPARM FILE NAME: IOC224\_27

PLOT DATE: 1/29/2013

DRAWN BY: SNG

CHECKED BY: PTS

SHEET 27 OF 232

NOT TO SCALE