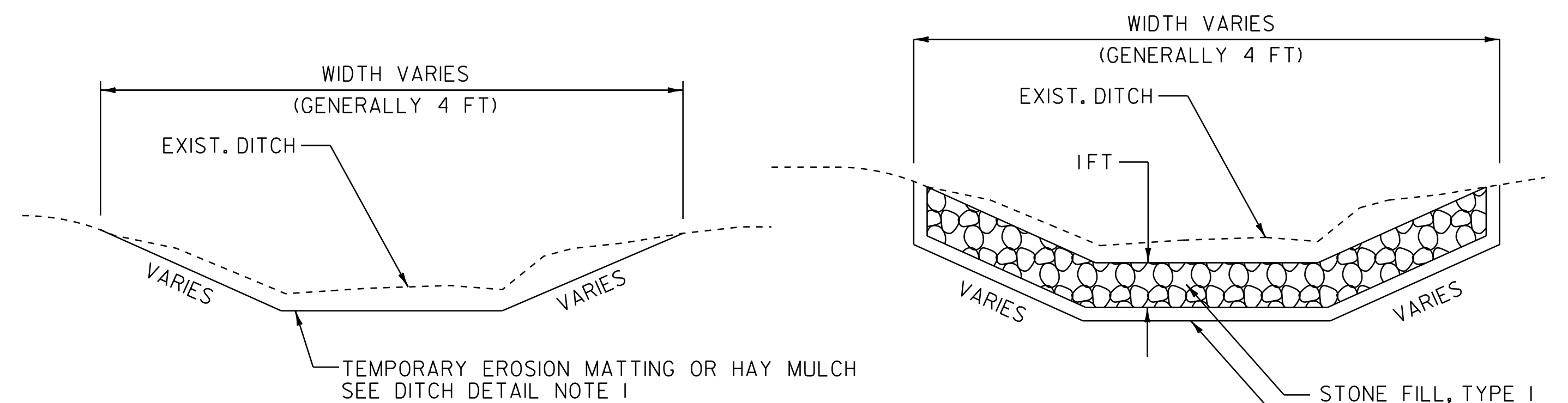


LOCATION				FEET OF DITCHING			MISC. ITEMS					REMARKS		
SITE	STATION	STATION	POS.	PERCENT GRADE			613.10	613.11	649.31	651.15	653.20			
				0-1	1-2.5	2.5-10	STONE FILL, TYP. I	STONE FILL, TYP. II	GEOT. UNDER STONE FILL	SEED	TEMP. EROS. MATT.			
				LF	LF	LF	CY	CY	SY	LBS	SY			
BLOOMFIELD														
1	92+25		RT			15	2		10				EXISTING PAVED GUTTER (15'X3')	
2	129+35	129+44	LT			15		11	20				SLOPE STABILIZATION (15'X10')	
3	129+58	129+78	LT			15		9	17				SLOPE STABILIZATION (15'X8')	
4	211+20	215+95	LT	475							3			
5	215+95	217+01	LT		106						1	47		
6	217+01	228+62	LT			1056	157		704					
7	228+62	229+68	LT		211						1	94		
8	229+68	232+32	LT	264							2			
9	277+20	278+26	LT	106							1			
10	278+26	280+37	LT			211	32		141					
11	280+37	282+48	LT		211						1	94		
12	282+48	285+12	LT	264							2			
13	290+40	291+98	LT	158							1			
14	291+98	293+04	LT		106						1	47		
15	293+04	300+43	LT			739	110		493					
16	300+43	306+77	LT		634						4	282		
17	306+77	308+88	LT	211							1			
18	308+88	313+10	LT		422						2	188		
19	313+10	321+55	LT	845							5			
20	317+93	318+08	RT			15		4	10				SLOPE STABILIZATION	
21	321+55	326+83	LT		528						3	235		
22	326+83	333+17	LT	634							4			
23	333+17	336+34	LT		317						2	141		
24	336+34	348+48	LT	1214							7			
LEMINGTON														
	L173+65		RT			15		17	25				15' X 15' SLOPE STABILIZATION	
621.50 MTS, FLARED											31	1325		
621.51 MTS, TANGENT											1	75		
621.60 ANCHOR FOR STEEL BEAM RAIL											1	100		
PROJECT SUBTOTALS								301	41	1420	74	2628		
ROUNDINGS								4	4	30	1	72		
PROJECT TOTALS								305	45	1450	75	2700		



DITCH DETAIL 0.0 TO 2.5 PERCENT

DITCH DETAIL > 2.5 PERCENT

DITCH DETAIL 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 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).

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.

DITCH CLEANING SHEET

PROJECT NAME:	BLOOMFIELD-LEMINGTON
PROJECT NUMBER:	STP 2610(1)
FILE NAME:	/pave/06c052/pc052
PROJECT LEADER:	PTS
DESIGNED BY:	NLL
IPARM FILE NAME:	06C052.14
PLOT DATE:	19-JUN-2013 16:59
DRAWN BY:	SNG
CHECKED BY:	PTS
SHEET	14 OF 82

NOT TO SCALE