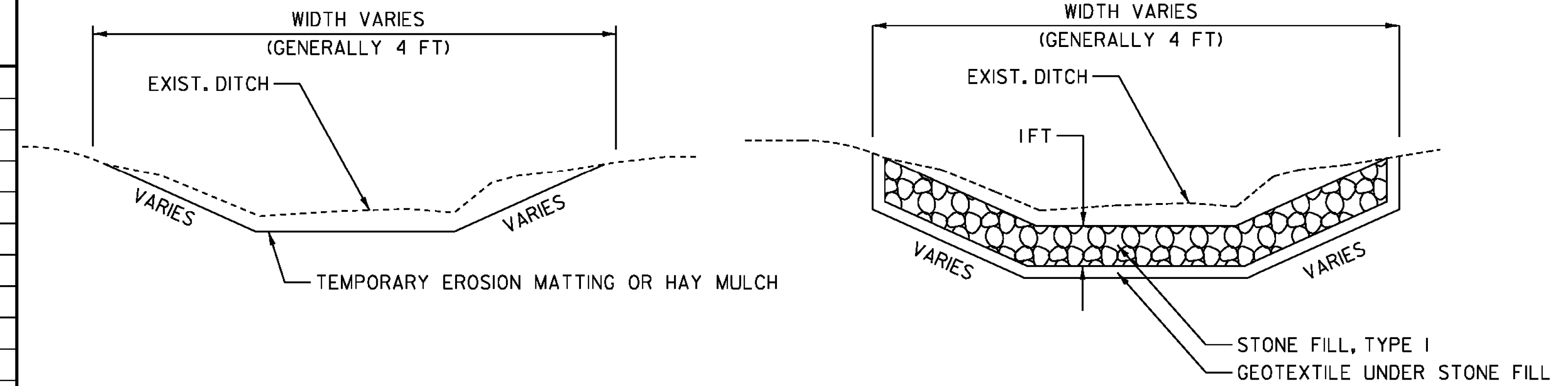


LOCATION			FEET OF DITCHING PERCENT GRADE		613.10	613.11	649.31	653.20	REMARKS
					STONE FILL. TYP. I (CY)	STONE FILL. TYP. II (CY)	GEOT. UNDER STONE FILL (SY)	TEMP EROS. MATT. (SY)	
STA	STA	POS	0-2.5	2.5-10	(CY)	(CY)	(SY)	(SY)	
55+34	75+64	LT		2030	345		1292		
58+00	74+00			1600	237.0		1067		
126+75	147+85	LT		2110	313.0		1407		
128+85	148+30			1945	359		1347		
WESTMINSTER									
W84+50	W89+75	LT	525					248	
W121+50	W132+00	LT	1050					496	
W174+25	W184+80	LT	1055					498	
W174+25	W200+65	RT	2640	470	87.0		326.5	1247	
W200+65	W211+25	RT	1060	157.0	707				
W205+93	W210+63								
W325+43	W325+97	LT		54	10		37.5	WASHOUT REPAIR	
W385+96	W388+01	LT	205					CLEAN DITCH	
W131+00		LT			2.22		6.7	STONE SWALE AT HEADWALL	
PUTNEY									
275+50	278+88	RT			63		235	CURB REMOVAL AND STONE FILL STABILIZATION	
WESTMINSTER									
W70+10		RT			5.84			EROSION REPAIR	
W82+75		LT			2.1			STABILIZE PIPE OUTLET	
DI A5+34		LT			4.44			STONE SWALE AT DI	
PAY CONTRACTOR DWR									
							1650	INST. 6-26-14	
							420	INST. 7-21-14	
621.60 ANCHOR FOR SB RAIL								258.0	
PROJECT SUBTOTAL			1780	4499	878.6		3244.7		
ROUNDING					0.8		29	28	
PROJECT TOTAL			1780	4499	878.6		3245	2775	



DITCH DETAIL 0 TO 2.5 PERCENT

DITCH DETAIL > 2.5 PERCENT

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).

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			

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.

PROJECT NAME: PUTNEY WESTMINSTER

PROJECT NUMBER: STP 2946(I)

FILE NAME: zllc344frm.dgn
 PROJECT LEADER: P. SHEDD
 DESIGNED BY: N. LEMAY
 DITCH CLEANING SHEET

PLOT DATE: 12/10/2013
 DRAWN BY: W. GORDON
 CHECKED BY: P. SHEDD
 SHEET 21 OF 138

NOT TO SCALE