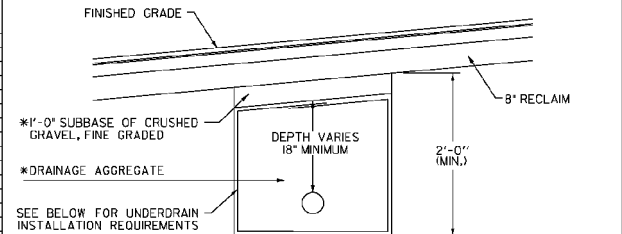
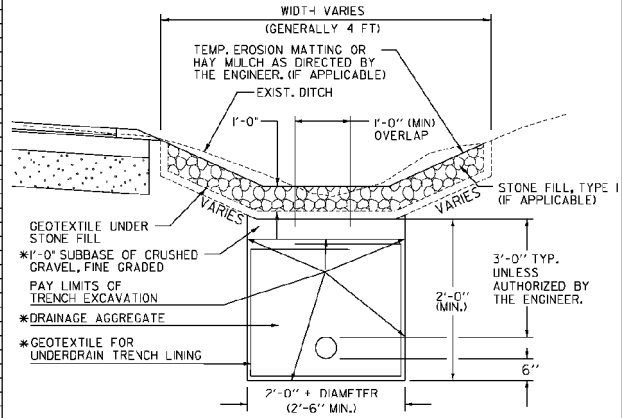


LOCATION				UNDERDRAIN				MISC. ITEMS			REMARKS	
PIPE NO.	OUTLET INVERT	BEGN STA.	END STA.	PDS.	TRENCH EXCAVATION OF EARTH CY	TRENCH EXCAVATION OF ROCK CY	6 INCH UNDERDRAIN PIPE LF	YIELDING MARKER POSTS LA	DRAINAGE AGGREGATE CY	GEOTEXTILE FABRIC SY		CRUSHED GRAVEL CY
VT ROUTE 100												
WARDSBORO												
UD-1	A 35+50	A 39+68	LT		154.9	-	418	2	154.9	650.2	40.3	A 35+50 - A 38+00 AND A 38+38 - A 39+48 = 360 LF
UD-2	A 42+50	A 47+38	LT		180.8	-	488	2	180.8	759.1	47.0	A 43+94 - A 47+74 AND A 42+50 - A 43+50 = 480 LF
UD-3	A 58+50	A 62+00	RT		129.7	-	350	2	129.7	544.4	33.7	A 58+45 - A 62+85 = 440 LF
UD-4	A 65+50	A 68+56	RT		13.4	-	306	2	13.4	476.0	29.5	A 64+65 - A 65+90 = 85 LF
UD-5	A 75+00	A 78+48	RT		128.9	-	348	2	128.9	541.3	33.5	A 75+08 - A 78+48 = 340 LF
UD-6	A 85+00	A 87+62	LT		97.1	-	262	2	97.1	407.5	25.2	
UD-7	A 88+50	A 90+00	LT		55.6	-	150	2	55.6	233.3	14.4	A 89+05 - A 90+25 = 120 LF
UD-8	A 94+50	A 98+00	RT		129.7	-	350	2	129.7	544.4	33.7	A 94+60 - A 98+10 = 350 LF
UD-9	A 140+50	A 144+84	LT		160.8	-	434	2	160.8	675.1	41.8	A 141+04 - A 144+84 = 380 LF
UD-10	A 182+00	A 185+02	LT		11.9	-	302	2	11.9	469.8	29.1	A 181+00 - A 184+00 = 300 LF
UD-11	A 228+00	A 230+69	LT		99.7	-	269	2	99.7	418.4	25.9	A 227+67 - A 230+67 = 300 LF
UD-12	A 265+00	A 269+31	LT		157.7	-	431	2	157.7	670.4	41.5	A 265+00 - A 269+30 = 430 LF
UD-13	A 291+50	A 293+15	LT		61.1	-	165	2	61.1	256.7	15.9	A 291+53 - A 293+00 = 147 LF
UD-14	A 301+00	A 303+96	LT		109.7	-	296	2	109.7	460.4	28.5	A 301+06 - A 303+86 = 280 LF
UD-15	A 306+50	A 309+23	LT		101.1	-	273	2	101.1	424.7	26.3	A 306+58 - A 309+18 = 260 LF
UD-16	A 310+00	A 312+85	LT		105.6	-	285	2	105.6	443.3	27.4	A 310+45 - A 312+85 = 240 LF
UD-17	A 319+00	A 321+76	LT		102.3	-	276	2	102.3	429.3	26.6	A 319+00 - A 320+40 = 140 LF
UD-18	A 322+00	A 324+11	LT		78.2	-	211	2	78.2	328.2	20.3	A 322+08 - A 324+08 = 200 LF
												UD 4A: A 66+35 - A 68+55 RT = 220 LF
												UD 6A: A 87+65 - A 88+5 LT = 50 LF
												UD 13A: A 298+35 - A 300+58 LT = 23 LF
												UD 17A: A 320+40 - A 321+60 LT = 120 LF
JAMAICA												
UD-19	B 12+50	B 14+64	RT		79.3	-	214	2	79.3	332.9	20.6	
UD-20	B 15+00	B 16+53	RT		130.8	-	353	2	130.8	549.1	34.0	
UD-21	B 19+00	B 24+50	RT		203.8	-	550	2	203.8	855.5	53.0	B 18+60 - B 24+50 = 590 LF
UD-22	B 26+50	B 31+50	LT		85.3	-	500	2	85.3	777.8	48.1	B 26+72 - B 31+50 = 478 LF
UD-23	B 41+00	B 42+93	LT		71.5	-	193	2	71.5	300.2	18.6	B 41+00 - B 42+95 = 195 LF
UD-24	B 59+50	B 60+64	RT		42.2	-	114	2	42.2	177.3	11.0	B 59+50 - B 60+60 = 80 LF
UD-25	B 74+50	B 80+00	RT		203.8	-	550	2	203.8	855.5	53.0	B 74+50 - B 80+00 = 360 LF
UD-26	B 94+00	B 98+50	RT		166.7	-	450	2	166.7	700.0	43.3	B 94+00 - B 98+40 = 440 LF
UD-27	B 14+00	B 18+00	RT		48.2	-	400	2	48.2	622.2	38.5	B 14+00 - B 18+10 = 40 LF
UD 28	B 134+00	B 138+00	LT		48.2	-	400	2	48.2	622.2	38.5	B 134+00 - B 137+80 = 380 LF
UD-29	B 139+50	B 143+00	LT		129.7	-	350	2	129.7	544.4	33.7	B 139+14 - B 143+00 = 386 LF
												UD 30: B 170+25 - B 171+25 LT = 100 LF
WARDSBORO SUBTOTAL					2080	-	5614	36	2080	8733	541	
JAMAICA SUBTOTAL					1510	-	4074	27	1510	6337	592	
SUBTOTAL					3590	-	9688	63	3590	15070	1133	
ROUNDING					60	-	112	-	40	160	17	
TOTALS					3650	-	9800	63	3630	15230	1150	



UNDERDRAIN CROSSING ROAD DETAIL



DRAINAGE AGGREGATE SHALL MEET THE REQUIREMENTS OF SUBSECTION 704.6
 *ITEMS ARE INCLUDED IN THE UNIT PRICE BID FOR PAY ITEM 605J0 6 INCH UNDERDRAIN PIPE

UNDERDRAIN DETAIL

- NOTES:
1. GEOTEXTILE FOR UNDERDRAIN TRENCH LINING SHALL NOT BE PLACED AROUND UNDERDRAIN WHEN COVER ABOVE UNDERDRAIN IS LESS THAN 1 FOOT.
 2. THE END OF THE UNDERDRAIN PIPE AT THE BEGINNING OF ALL UNDERDRAIN RUNS SHALL BE WRAPPED IN GEOTEXTILE FABRIC. PAYMENT FOR THIS WORK IS INCLUDED IN THE UNIT PRICE BID FOR TEM 605J0 5 INCH UNDERDRAIN PIPE.
 3. ESTIMATED QUANTITIES ARE INCLUDED FOR INFORMATIONAL PURPOSES AND ACTUAL FIELD INSTALLATIONS MAY BE LESS THAN OR GREATER THAN THOSE SUMMARIZED.
 4. REFER TO THE "DITCH CLEANING DETAIL SHEET" FOR PROPOSED DITCH TREATMENT AND PROPOSED DITCH LOCATIONS.

NOT TO SCALE

PROJECT NAME:	WARDSBORO-JAMAICA
PROJECT NUMBER:	ER STP 013-1(17)
FILE NAME:	el2b236_frm.dgn
PROJECT LEADER:	K. LPMAL
DESIGNED BY:	E. KIPP
UNDERDRAIN DETAIL SHEET	
PLOT DATE:	2/26/2014
DRAWN BY:	B. KIPP
CHECKED BY:	A. KEMPTON
SHEET	53 OF 444