LOCATION						MISC. ITEMS					REMARKS
SITE	STATION		STATION		POS.	605.10	*	*	204.20	204.21	619.17	* ITEMS TO BE PAID AS PART OF ITEM
						6 INCH	DRAINAGE	GEOTEXTILE	TRENCH	TRENCH	YIELDING	605.10 "6 INCH UNDERDRAIN PIPE"
						UNDERDRAIN PIPE	AGGREGATE	FOR TRENCH	EXCAVATION	EXCAVATION	MARKER POSTS	
									OF EARTH	OF ROCK		
						LF	CY	SY	CY	CY	EA	
1		99+63		100+75	RT	112.0	41.5	174.2	35.3	6.2	2	CONNECT UNDERDRAIN TO CATCH
												BASIN (SP. PROV. "CORING CONCRETE")
2		107+95		110+00	RT	205.0	75.9	318.9	64.5	11.4	2	
3		112+05		117+25	LT	520.0	192.6	808.9	163.7	28.9	2	
4		141+55		142+75	LT - RT	135.0	50.0	210.0	42.5	7.5	2	
5		144+50		145+00	LT - RT	50.0	18.5	77.8	15.7	2.8	2	
6		144+50		147+75	LT	325.0	120.4	505.6	102.3	18.1	1	CONNECT UNDERDRAIN TO CATCH
												BASIN (SP. PROV. "CORING CONCRETE")
7		152+50		156+50	LT	400.0	148.1	622.2	125.9	22.2	2	
8		157+05		159+25	LT	220.0	81.5	342.2	69.3	12.2	2	
9		163+25		164+50	LT	125.0	46.3	194.4	39.4	6.9	2	
10		167+78		169+00	LT	122.0	45.2	189.8	38.4	6.8	2	
11		170+00		172+50	LT	250.0	92.6	388.9	78.7	13.9	2	
12		172+75		173+75	RT	100.0	37.0	155.6	31.5	5.6	2	
13		206+00		210+75	RT	475.0	175.9	738.9	149.5	26.4	2	
13		208+60		212+50	LT	390.0	144.4	606.7	122.7	21.7	2	
14		217+50		218+61	LT	111.0	41.1	172.7	34.9	6.2	2	
15		218+85		220+95	LT	210.0	77.8	326.7	66.1	11.7	2	
16		225+25		228+00	RT	275.0	101.9	427.8	86.6	15.3	2	
17		226+55		228+00	LT	145.0	53.7	225.6	45.6	8.1	2	
18		228+50		229+75	LT	125.0	46.3	194.4	39.4	6.9	2	
19		233+00		236+00	LT	300.0	111.1	466.7	94.4	16.7	2	
20		241+85		244+75	RT	290.0	107.4	451.1	91.3	16.1	2	
23		244+92		249+15	RT	423.0	156.7	658.0	133.2	23.5	2	
24		247+50		249+99	LT	249.0	92.2	387.3	78.4	13.8	2	
25		250+25		253+95	LT	370.0	137.0	575.6	116.5	20.6	2	
26		255+10		258+75	LT	365.0	135.2	567.8	114.9	20.3	2	
27		255+10		257+25	RT	215.0	79.6	334.4	67.7	11.9	2	
28		258+85		265+41	LT	656.0	243.0	1020.4	206.6	36.5	2	
29		259+25		263+75	RT	450.0	166.7	700.0	141.7	25.0	2	
29		265+50		270+41	LT	491.0	181.9	763.8	154.6	27.3	2	
30		270+50		274+80	LT	430.0	159.3	668.9	135.4	23.9	2	
31		282+00		284+75	RT	275.0	101.9	427.8	86.6	15.3	2	
32		287+50		289+20	RT	170.0	63.0	264.4	53.6	9.5	2	
33		289+50		290+60	RT	110.0	40.7	171.1	34.6	6.1	2	
34		289+50		290+80	LT	130.0	48.1	202.2	40.9	7.2	2	
35		290+75		294+40	RT	365.0	135.2	567.8	114.9	20.3	1	CONNECT UNDERDRAIN TO CATCH
												BASIN (SP. PROV. "CORING CONCRETE")
36		293+25		294+35	LT	110.0	40.7	171.1	34.6	6.1	2	
37		295+25		297+25	LT	200.0	74.1	311.1	63.0	11.1	2	
	SUBTOTAL					9894.0	3664.5	15390.8	3114.8	549.7	72	

LOCATION						MISC. ITEMS					REMARKS
SITE	STATION		STATION		POS.	605.10	*	*	204.20	204.21	619.17	* ITEMS TO BE PAID AS PART OF ITEM
						6 INCH	DRAINAGE	GEOTEXTILE	TRENCH	TRENCH	YIELDING	605.10 "6 INCH UNDERDRAIN PIPE"
						UNDERDRAIN PIPE	AGGREGATE	FOR TRENCH	EXCAVATION	EXCAVATION	MARKER POSTS	
									OF EARTH	OF ROCK		
						LF	CY	SY	CY	CY	EA	
38		295+50		297+19	RT	169.0	62.6	262.9	53.2	9.4	2	
39		298+00		301+93	RT	393.0	145.6	611.3	123.8	21.8	2	
40		304+00		306+70	RT	270.0	100.0	420.0	85.0	15.0	1	CONNECT UNDERDRAIN TO CATCH
												BASIN (SP. PROV. "CORING CONCRETE")
41		307+00		309+12	RT	212.0	78.5	329.8	66.7	11.8	2	
42		310+50		311+75	RT	125.0	46.3	194.4	39.4	6.9	2	
43		312+25		313+26	RT	101.0	37.4	157.1	31.8	5.6	1	CONNECT UNDERDRAIN TO CATCH
												BASIN (SP. PROV. "CORING CONCRETE")
44		313+50		318+75	RT	525.0	194.4	816.7	165.2	29.2	1	
45		319+75		323+45	RT	370.0	137.0	575.6	116.5	20.6	2	
46		324+00		327+45	RT	345.0	127.8	536.7	108.6	19.2	2	
47		328+00		332+85	RT	485.0	179.6	754.4	152.7	26.9	2	
48		333+00		336+47	RT	347.0	128.5	539.8	109.2	19.3	1	CONNECT UNDERDRAIN TO CATCH
												BASIN (SP. PROV. "CORING CONCRETE")
49		337+00		341+09	RT	409.0	151.5	636.2	128.8	22.7	1	CONNECT UNDERDRAIN TO CATCH
												BASIN (SP. PROV. "CORING CONCRETE")
50		342+25		344+95	RT	270.0	100.0	420.0	85.0	15.0	2	
51		347+00		348+95	RT	195.0	72.2	303.3	61.4	10.8	2	
52		349+25		352+75	RT	350.0	129.6	544.4	110.2	19.4	2	
53		353+50		356+45	RT	295.0	109.3	458.9	92.9	16.4	2	
54		358+75		361+95	LT	320.0	118.5	497.8	100.7	17.8	2	
55		365+50		366+65	RT	115.0	42.6	178.9	36.2	6.4	2	
56		367+75		369+00	RT	125.0	46.3	194.4	39.4	6.9	2	
57		369+25		370+25	RT	100.0	37.0	155.6	31.5	5.6	2	
58		372+00		375+45	RT	345.0	127.8	536.7	108.6	19.2	2	
		375+85		376+95	RT	110.0	40.7	171.1	34.6	6.1	2	
59		377+00		378+45	RT	145.0	53.7	225.6	45.6	8.1	2	
60		379+00		381+20	RT	220.0	81.5	342.2	69.3	12.2	2	
61		381+50		387+40	RT	590.0	218.5	917.8	185.7	32.8	2	
62		391+50		393+71	LT	221.0	81.9	343.8	69.6	12.3	1	CONNECT UNDERDRAIN TO CATCH
												BASIN (SP. PROV. "CORING CONCRETE")
63		395+05		398+00	LT	295.0	109.3	458.9	92.9	16.4	2	
SUBTOTAL						7447.0	2758.1	11584.3	2344.4	413.7	48	
SUBTOTAL (PREVIOUS)						9894.0	3664.5	15390.8	3114.8	549.7	72	
ROUNDING						259.0	-	-	-	16.6	-	
TOTAL						17600.0	6422.6	26975.1	5459.2**	980	120**	** SEE QUANTITY SHEETS FOR TOTAL QUANTITIES.

PROJECT NAME: RANDOLPH
PROJECT NUMBER: STP 2932(1)

FILE NAME: z10c270.dgn
PROJECT LEADER: C. LATHROP
DESIGNED BY: B. BRESLEND
UNDERDRAIN DETAIL SHEET I

PLOT DATE: 6/5/2014
DRAWN BY: J. GOODALL
CHECKED BY: C. LATHROP
SHEET 28 OF 276