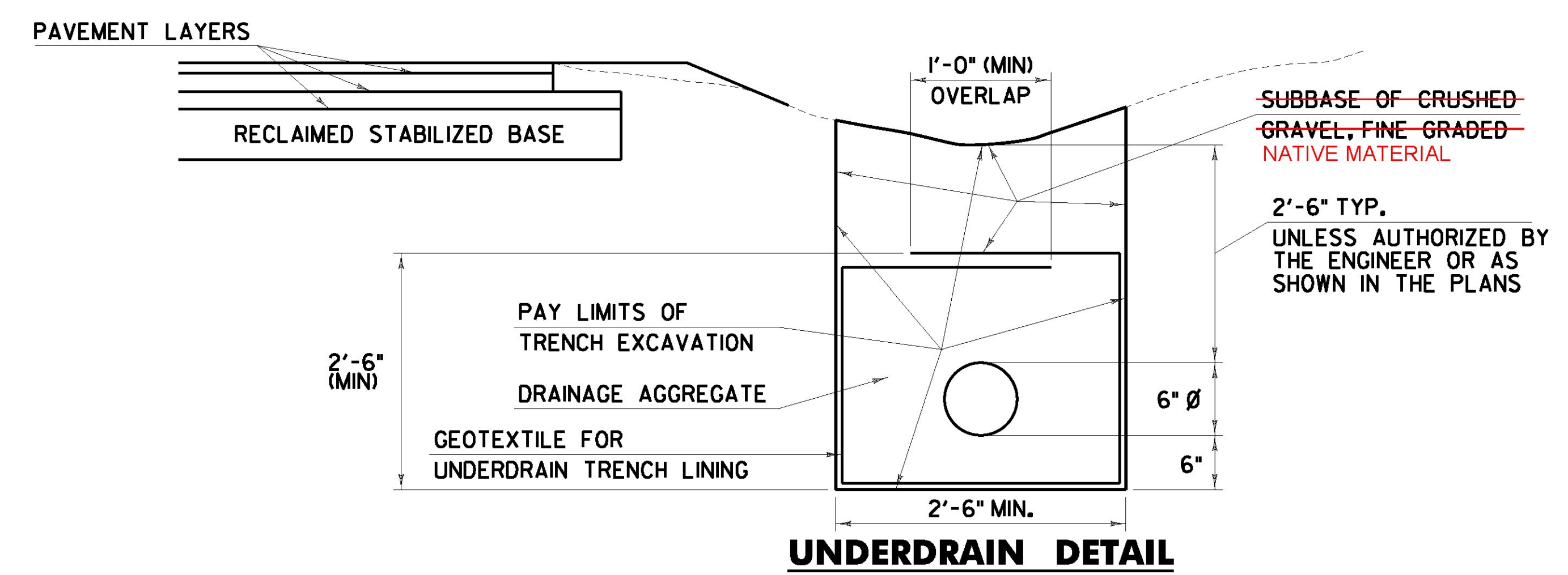


UNDERDRAIN TABLE									
LOCATION				605.10	204.20	204.21	619.17	900.620	REMARKS
				6 INCH UD PIPE	TRENCH EXC. OF EARTH	TRENCH EXC. OF ROCK	YIELDING MARKER POSTS	SPECIAL PROVISION (CORING CONCRETE)	
SITE	STA	STA	POS	LF	CY	CY	EA	EA	
ROCHESTER SEG I									
	R 0+00.0	R 252+17.87	LT/RT				199		INLETS AND OUTLETS OF CULVERTS
1	R 0+00.0	R 3+82.0	RT	382	93	31	I	- 1	UNDERDRAIN OUTLET INVERT = 2047.51
2	R 4+50.0	R 7+03.6	RT	254	114.26	5.32	I	-	UNDERDRAIN OUTLET INVERT = 2031.90
3	R 7+50.0	R 10+05.3	RT	255	62	21	I	I	UNDERDRAIN OUTLET INVERT = 2018.88
4	R 22+00.0	R 25+00.0	LT	300	73	24	I	-	UNDERDRAIN OUTLET INVERT = 1906.05
5	R 33+50.0	R 35+50.0	LT	200	49	16	I	-	UNDERDRAIN OUTLET INVERT = 1872.41
6	R 38+50.0	R 40+87.5	LT	238	58	19	I	-	UNDERDRAIN OUTLET INVERT = 1843.01
7	R 41+50.0	R 43+90.6	LT	241	59	20	I	I	UNDERDRAIN OUTLET INVERT = 1831.57
8	R 44+50.0	R 47+61.0	LT	311	76	25	I	-	UNDERDRAIN OUTLET INVERT = 1812.48
9	R 50+50.0	R 53+20.0	LT	270	66	22	I	-	UNDERDRAIN OUTLET INVERT = 1799.75
10	R 53+50.0	R 59+37.1	LT	587	143	48	I	I	UNDERDRAIN OUTLET INVERT = 1785.98
11	R 59+60.0	R 62+50.0	LT	290	70	23	I	-	UNDERDRAIN OUTLET INVERT = 1760.26
12	R 72+75.0	R 75+03.7	LT	229	56	19	I	-	UNDERDRAIN OUTLET INVERT = 1702.22
13	R 75+50.0	R 77+50.0	RT	200	49	16	I	-	UNDERDRAIN OUTLET INVERT = 1692.13
14	R 75+50.0	R 80+27.6	LT	478	116	39	I	-	UNDERDRAIN OUTLET INVERT = 1668.22
15	R 80+50.0	R 84+00.0	LT	350	85	28	I	-	UNDERDRAIN OUTLET INVERT = 1644.90
16	R 85+00.0	R 90+50.0	RT	550	134	45	I	-	UNDERDRAIN OUTLET INVERT = 1602.51
17	R 109+50.0	R 114+26.2	LT	476	116	39	I	- 1	UNDERDRAIN OUTLET INVERT = 1523.21
18	R 114+50.0	R 118+73.0	LT	423	103	34	I	- 1	UNDERDRAIN OUTLET INVERT = 1508.64
19	R 130+50.0	R 134+00.0	RT	350	85	28	I	+ 1	UNDERDRAIN OUTLET INVERT = 1431.29
20	R 134+50.0	R 137+38.2	RT	288	70	23	I	-	UNDERDRAIN OUTLET INVERT = 1414.07
21	R 138+00.0	R 141+79.1	RT	379	92	31	I	-	UNDERDRAIN OUTLET INVERT = 1385.95
22	R 143+15.0	R 143+53.4	RT	38	9	3	I	-	UNDERDRAIN OUTLET INVERT = 1374.23
23	R 144+35.0	R 147+27.8	RT	293	71	24	I	-	UNDERDRAIN OUTLET INVERT = 1350.77
24	R 148+00.0	R 149+29.6	RT	130	32	11	I	-	UNDERDRAIN OUTLET INVERT = 1341.01
25	R 150+00.0	R 151+39.5	RT	140	34	11	I	-	UNDERDRAIN OUTLET INVERT = 1339.10
26	R 152+00.0	R 153+94.8	RT	195	47	16	I	-	UNDERDRAIN OUTLET INVERT = 1327.54
27	R 154+50.0	R 155+15.6	RT	66	16	5	I	-	UNDERDRAIN OUTLET INVERT = 1324.67
28	R 155+50.0	R 159+14.2	RT	364	88	29	I	I	UNDERDRAIN OUTLET INVERT = 1315.87
29	R 159+50.0	R 161+15.4	RT	165	40	13	I	-	UNDERDRAIN OUTLET INVERT = 1304.29
30	R 161+50.0	R 161+97.4	RT	47	11	4	I	-	UNDERDRAIN OUTLET INVERT = 1300.26
31	R 162+50.0	R 165+23.0	RT	273	66	22	I	+ 1	UNDERDRAIN OUTLET INVERT = 1285.81
32	R 166+00.0	R 167+66.1	RT	166	40	13	I	+ 2	UNDERDRAIN OUTLET INVERT = 1277.4
33	R 168+00.0	R 172+44.2	RT	444	108	36	3	-	UNDERDRAIN OUTLET INVERT = 1273.24
34	R 173+00.0	R 173+34.1	RT	34	8	3	I	-	UNDERDRAIN OUTLET INVERT = 1273.2
35	R 174+00.0	R 175+62.3	RT	162	39	13	I	-	UNDERDRAIN OUTLET INVERT = 1268.08
36	R 176+00.0	R 178+44.8	RT	245	60	20	I	-	UNDERDRAIN OUTLET INVERT = 1265.15
37	R 179+00.0	R 182+62.1	RT	362	88	29	I	+ 1	UNDERDRAIN OUTLET INVERT = 1234.53
38	R 183+00.0	R 186+71.1	RT	371	90	30	I	- 1	UNDERDRAIN OUTLET INVERT = 1208.47
39	R 189+50.0	R 194+00.0	RT	450	109	36	I	-	UNDERDRAIN OUTLET INVERT = 1175.71

UNDERDRAIN TABLE									
LOCATION				605.10	204.20	204.21	619.17	900.620	REMARKS
				6 INCH UD PIPE	TRENCH EXC. OF EARTH	TRENCH EXC. OF ROCK	YIELDING MARKER POSTS	SPECIAL PROVISION (CORING CONCRETE)	
SITE	STA	STA	POS	LF	CY	CY	EA	EA	
40	R 191+50.0	R 193+50.0	LT	200	49	16	I	-	UNDERDRAIN OUTLET INVERT = 1177.47 REMOVED: LOW SHOULDER
41	R 231+50.0	R 239+96.4	LT	846	206	69	I	-	UNDERDRAIN OUTLET INVERT = 1064.37
42	R 241+50.0	R 244+16.0	LT	266	65	22	I	-	UNDERDRAIN OUTLET INVERT = 1053.97
43	R 245+00.0	R 249+60.8	LT	461	112	37	I	-	UNDERDRAIN OUTLET INVERT = 1041.91
44	R 250+00.0	R 252+17.87	LT	218	53	18	I	-	UNDERDRAIN OUTLET INVERT = 1036.13 (@ C 2+59.1)
ROCHESTER SEG I SUBTOTAL:				12,987	3,158	1,052	245	- 10	
CHITTENDEN:				12,574	3,849	88.37			
45	R 250+00.0	C 2+59.1	LT	259	63	21	I	-	UNDERDRAIN OUTLET INVERT = 1036.13
CHITTENDEN SUBTOTAL:				477	151.76	2.82			



- UNDERDRAIN NOTES**
1. GEOTEXTILE FOR UNDERDRAIN TRENCH LINING SHALL NOT BE PLACED AROUND UNDERDRAIN WHEN COVER ABOVE PIPE IS LESS THAN ONE FOOT.
 2. DRAINAGE AGGREGATE SHALL MEET THE REQUIREMENTS OF SUBSECTION 704.16.
 3. GEOTEXTILE FOR UNDERDRAIN TRENCH LINING, DRAINAGE AGGREGATE AND SUBBASE OF CRUSHED GRAVEL, FINE GRADED ARE INCLUDED IN THE UNIT PRICE BID FOR PAY ITEM 605.10 6 INCH UNDERDRAIN PIPE.

NOT TO SCALE

CHA

PROJECT NAME: ROCHESTER
PROJECT NUMBER: ER STP 0162(21)

FILE NAME: z13cl76udr.dgn
PROJECT LEADER: D. GOZALKOWSKI
DESIGNED BY: J. OLSEN
UNDERDRAIN DETAIL SHEET *1

PLOT DATE: 1/11/2017
DRAWN BY: J. HEALD
CHECKED BY: J. SHIELDS
SHEET 26 OF 360