

CLASS D PATCHES			
STATION +/-	SIDE	TYPE I	TYPE II
		9 INCH	9 INCH
SQ YD			
C.H. 20 (ETNA RD.)			
12+00.0	RT		8.2
12+60.0	RT		6.0
16+25.0	RT	4.2	
17+13.0	RT	3.5	
18+04.0	RT	3.2	
18+75.0	RT	3.2	
19+45.0	RT	3.2	
20+00.0	RT	4.7	
25+25.0	RT	2.1	
25+85.0	RT	1.9	
29+50.0	RT	1.9	
30+50.0	RT	1.9	
31+94.4	RT		8.9
31+94.4	LT		8.9
35+00.0	RT		8.7
36+00.0	RT		9.2
37+80.0	RT		9.2
38+55.0	RT		8.6
39+50.0	RT		8.7
42+00.0	RT		13.5
44+18.0	RT		10.0
46+75.0	RT		9.5
49+25.0	RT		8.9
51+75.0	RT		9.2
53+00.0	RT		9.0
55+00.0	RT		8.7
56+75.0	RT		8.7
59+25.0	RT		8.2
61+68.4	RT		8.2
C.H. 20 (CHAMPLAIN ST.)			
158+46.5	LT	4.4	
	RT	4.2	
	LT	3.9	
	RT	3.9	
160+55.0	LT		12.9
	RT		12.9
163+30.1	LT	3.8	
	RT	3.8	
164+50.0	LT	4.2	
	RT	4.1	
166+75.0	LT	3.8	
	RT	3.7	
169+25.0	LT		5.9
	RT		5.7
171+75.0	LT		8
	RT		7.3
173+57.5	LT		10.6
	RT		10.0
175+25.0	LT	3.8	
	RT	3.8	
178+30.0	LT	4.1	
	RT	4.1	
180+50.0	LT	3.8	
	RT	3.8	
182+25.0	LT	4.8	
	RT	2.7	
185+25.0	LT		7.7
	RT		6.9
186+18.0	LT		6.5
	RT		7.7
187+75.0	LT		7.6
	RT		6.9
190+02.5	LT		7.5
	RT		6.7
191+00.0	LT		6.9
	RT		7.3
193+50.0	LT	3.7	
	RT	3.8	
195+25.0	LT		7.3
	RT		7.4
TOTAL		115.6	330
USE		116	330

PATCHING QUANTITIES FOR C.H. 20 (ETNA RD.) HAVE BEEN CALCULATED FOR PARTIAL STORM SEWER LATERALS TO BE INSTALLED PRIOR TO STAGE 1 TEMPORARY PAVEMENT INSTALLATION.

PORTLAND CEMENT CONCRETE SIDEWALK, 4" & 6"						
STATION	TO	STATION	SIDE	PCC SIDEWALK,	PCC SIDEWALK,	SUB-BASE GRANULAR MATERIAL, TYPE B
				4"	6"	
				SQ FT	SQ FT	
C.H. 20 (ETNA RD.)						
8+71.0	TO	8+77.0	RT	40.0		
8+63.0	TO	8+93.0	LT	185.0		
9+98.3	TO	18+17.2	LT	4104.7		
9+88.1	TO	13+21.3	RT	1894.8		
13+66.6	TO	16+41.7	RT	1375.5		
13+96.0	TO	21+85.5	RT	2391.9		
18+53.3	TO	18+93.0	LT	199.0		
19+27.2	TO	20+99.0	LT	859.0		
21+29.7	TO	21+61.2	LT	157.4		
21+90.2	TO	22+95.6	LT	527.0		
22+20.6	TO	27+60.3	RT	269.9		
23+19.9	TO	27+62.3	LT	2226.8		
28+35.4	TO	30+01.8	RT	831.9		
30+33.9	TO	35+24.2	RT	2451.6		
35+80.2	TO	40+21.9	RT	2268.5		1090.80
34+84.0	TO	37+25.0	LT	1205.0		
37+59.0	TO	38+15.0	LT	280.0		
38+42.0	TO	39+67.0	LT	625.0		
39+85.0	TO	41+04.0	LT	595.0		
41+22.0	TO	43+32.0	LT	1110.0		
40+87.8	TO	43+37.9	RT	1250.3		
43+77.0	TO	48+44.1	RT	2335.5		
48+79.7	TO	49+57.9	RT	391.0		
49+92.8	TO	51+06.1	RT	556.7		
51+41.2	TO	53+28.9	RT	938.3		
54+03.7	TO	57+85.1	RT		2338.0	
58+23.0	TO	62+28.8	RT	1885.0		
62+28.8	TO	199+62.9	RT	622.5		
C.H. 20 (CHAMPLAIN ST.)						
151+50.0	TO	151+54.6	LT	18.2		
151+72.3	TO	152+01.4	LT	141.0		
152+22.3	TO	153+36.7	LT	686.0		
154+00.9	TO	158+62.4	LT	2311.8		
158+89.7	TO	159+82.3	LT	463.3		
160+05.3	TO	160+56.6	LT	256.8		
160+80.8	TO	166+18.8	LT	2689.9		
166+42.2	TO	171+00.6	LT	2289.8		
177+24.9	TO	182+68.5	LT	2718.1		
183+24.0	TO	189+19.3	LT	2976.4		
189+73.3	TO	199+62.9	LT	4948.0		
						591.53
TOTAL				51076.2	2338.0	1682.3
USE				51077	2338	1683

SIDEWALK REMOVAL				
STATION	TO	STATION	SIDE	AREA SQ FT
C.H. 20 (ETNA RD.)				
9+57.7	TO	10+22.0	RT	352.7
TOTAL				352.7
USE				353

CONCRETE MEDIAN SURFACE REMOVAL				
STATION	TO	STATION	SIDE	AREA SQ FT
C.H. 20 (ETNA RD.)				
9+97.8	TO	11+37.9	RT	404.7
TOTAL				404.7
USE				405

REMOVAL OF EXISTING STRUCTURES					
STATION	LOCATION	SIZE & TYPE	LENGTH FOOT	STRUCTURE NO. 1 EACH	STRUCTURE NO. 2 EACH
C.H. 20 (ETNA RD.)					
31+50.74	238.57' RT./-/	8" HEADWALL	34.0		1
C.H. 20 (CHAMPLAIN ST.)					
163+30.1	X-ROAD	3' x 2' BOX	44.0	1	
TOTAL				1	1
USE				1	1

DETECTABLE WARNINGS		
STATION +/-	SIDE	SQ FT
C.H. 20 (ETNA RD.)		
8+76.0	LT	10.0
8+76.0	RT	10.0
8+94.0	LT	10.0
9+94.0	LT	10.0
9+98.0	RT	10.0
18+13.0	LT	12.8
18+53.0	LT	11.8
18+90.0	LT	11.2
19+27.0	LT	11.2
20+95.0	LT	12.6
21+30.0	LT	12.2
21+58.0	LT	11.0
21+90.0	LT	11.0
27+54.0	RT	15.6
27+59.0	LT	10.0
28+36.0	RT	29.8
34+84.0	LT	12.8
35+24.0	RT	14.8
35+80.0	RT	22.2
37+25.0	LT	12.4
37+59.0	LT	11.8
38+14.0	LT	13.2
38+42.0	LT	13.2
39+66.0	LT	11.0
39+85.0	LT	11.0
40+21.0	RT	13.8
40+88.0	RT	23.2
41+04.0	LT	11.2
41+22.0	LT	11.2
43+30.0	LT	10.0
53+32.0	RT	17.0
54+04.0	RT	30.4
57+85.0	RT	11.2
58+23.0	RT	11.2
C.H. 20 (CHAMPLAIN ST.)		
182+66.5	LT	16.8
183+25.0	LT	17.2
189+20.0	LT	16.2
189+74.0	LT	16.8
TOTAL		527.8
USE		528

WATER VALVES TO BE ADJUSTED			
STATION	OFFSET	SIDE	EACH
C.H. 20 (ETNA RD.)			
9+83.81	12.90	LT	1
16+58.31	28.54	RT	1
16+63.10	31.17	RT	1
16+62.22	24.35	RT	1
22+55.85	36.89	LT	1
23+49.90	36.22	LT	1
23+47.55	25.09	RT	1
23+50.36	28.97	RT	1
23+58.58	31.44	RT	1
26+93.74	30.26	RT	1
27+97.01	28.82	RT	1
28+20.93	47.44	RT	1
29+96.36	33.11	RT	1
40+73.83	30.76	RT	1
43+27.50	30.54	RT	1
43+45.56	25.55	RT	1
CENTENNIAL DR.			
900+82.94	20.15	LT	1
C.H. 20 (CHAMPLAIN ST.)			
193+63.21	29.74	LT	1
200+46.81	53.14	LT	1
200+50.59	52.03	LT	1
200+54.03	54.18	LT	1
TOTAL			21
USE			21

FIRE HYDRANTS / MOVED & ADJUSTED				
STATION	SIDE	TO BE MOVED		TO BE ADJUSTED
		EACH	EACH	EACH
C.H. 20 (ETNA RD.)				
17+18.69	RT	1		
23+58.50	RT		1	
28+22.00	RT		1	
33+72.10	RT		1	
43+27.60	RT		1	
53+17.20	RT		1	
C.H. 20 (CHAMPLAIN ST.)				
193+62.83	LT			1
TOTAL		1		6
USE		1		6

CATCH BASINS / REMOVED & ADJUSTED				
STATION	SIDE	OFFSET FOOT	TO BE REMOVED	TO BE ADJUSTED
			EACH	EACH
C.H. 20 (ETNA RD.)				
9+91.00	LT	66.95		1
12+70.58	RT	32.17	1	
13+75.26	LT	29.23	1	
15+50.49	LT	24.77	1	
18+86.55	LT	36.34		1
C.H. 20 (CHAMPLAIN ST.)				
183+25.81	LT	24.71	1	
TOTAL			4	2
USE			4	2

CURB AND COMBINATION CURB & GUTTER REMOVAL					
LOCATION +/-		SIDE	CURB REMOVAL FOOT	CURB & GUTTER REMOVAL FOOT	
STATION	TO STATION				
C.H. 20 (ETNA RD.)					
6+31.07	TO	8+03.93	RT		327.0
9+73.88	TO	16+35.38	RT		994.1
9+73.88	TO	16+38.70	LT		649.5
16+35.38	TO	23+47.14	RT	505.7	169.4
16+38.70	TO	23+46.14	LT	779.9	73.8
ENTRANCE @ STA. 27+94.0					
ENTRANCE @ STA. 34+74.3					
34+87.5	TO	43+27.45	RT		48.6
INCLUDES ENTRANCES @ STA. 35+50.0 & STA. 40+51.1					
37+05.42	TO	44+43.13	RT		1001.6
INCLUDES ENTRANCES @ STA. 34+74.3, STA. 37+37.9, STA. 38+28.2, STA. 39+76.2, STA. 41+13.2 & CENTENNIAL DR.					
			253.0		1151.0
C.H. 20 (CHAMPLAIN ST.)					
154+17.00	TO	155+30.00	RT		113.0
154+60.00	TO	155+30.00	LT		70.0
RIVER EDGE CIR.					
ENTRANCE @ STA. 189+47.1					
ENTRANCE @ STA. 198+75.3					
ENTRANCE @ STA. 190+65.2					
TOTAL			1638.6		4942.7
USE			1639		4943

PIPE CULVERT REMOVAL				
STATION	SIDE	SIZE & TYPE	LENGTH FOOT	
C.H. 20 (ETNA RD.)				
27+94.00	RT	15" CMP	68.0	
30+17.80	RT	15" CMP	30.0	
33+00.00	RT	15" CMP	42.0	
33+09.70	LT	15" CMP	44.0	
34+74.30	LT	12" CMP	36.0	
43+57.10	RT	12" CMP	60.0	
46+30.40	RT	15" CMP	28.0	
48+62.10	RT	15" CMP	56.0	
49+75.30	RT	15" CMP	32.0	
51+23.40	RT	15" CMP	36.0	
58+04.00	RT	15" CMP	66.0	
60+74.00	RT	15" CMP	32.0	
62+10.00	LT	15" CMP	26.0	
62+33.00	X-ROAD	15" CMP	50.0	
C.H. 20 (CHAMPLAIN ST.)				
1				