

Compaction of Earthwork (Type B) (MR-90)						
Station to	Station	Length (ft)	Width (ft)	Area (sq)	Vol (cy)	Vol (cy)
32+15.75	33+10.68	94.93	40.00	421.8	70.3	
33+10.68	34+60.70	150.02	Varies	782.9	130.5	
34+60.70	43+25.08	864.38	Varies	4743.0	790.5	
43+25.08	44+59.28	134.2	Varies	611.4	101.9	
44+59.28	45+99.44	140.16	41.00	638.5	106.4	
45+99.44	47+87.00	187.56	Varies	1442.2	240.4	
47+87.00	50+00.00	213.00	64.00	1515.0	252.5	
50+00.00	50+98.54	98.54	64.00	701.2	116.9	
51+35.47	53+49.33	213.86	Varies	1335.1	225.9	
53+49.33	54+47.00	97.67	52.00	601.9	100.3	
6+79.80	7+82.86	103.06	Varies	655.6	109.3	
7+82.86	9+74.66	191.80	64.00	1398.9	233.2	
8+05.45	9+70.33	164.88	Varies	1711.9	285.3	
10+38.19	12+32.47	194.28	64.00	1469.6	244.9	
12+32.47	14+86.16	253.69	Varies	1434.3	239.1	
99+33.93	99+76.24	42.31	Varies	474.1	79.0	
200+64.43	202+37.78	173.35	Varies	737.2	122.9	
					Total =	3449.3

Cold Milling Asphalt Pavement (2" nom.)			
Station to	Station	Length (ft)	Area (sq)
93+69.18	98+19.42	450.24	1305.6
			Total = 1305.6

MANHOLE ADJUSTMENT				
Station	Offset	Side	Comments	
36+95.25	42.05'	Lt.	Adjust Existing Manhole	
46+27.70	0.51'	Rt.	Adjust Existing Manhole	
46+44.50	2.94'	Rt.	Adjust Existing Manhole	
54+45.28	2.32'	Rt.	Adjust Existing Manhole	
11+71.08	39.02'	Lt.	Adjust Existing Manhole	
				Total = 5

Summary of Earthwork		
Street	Common (cy)	Embankment (cy)
21st Street	3566.3	51.9
Broadway	965.8	41.8
Market	676.3	20.4
Park Place	598.3	0.5
Parking Site	314.2	0.0
Total =		6120.9

Driveway Concrete (6')						
Driveway	Side	P	L	W	Y	Area (sf)
94+16.64	Lt.	9.34'	5.60'	9.9'	-	263.5
95+11.79	Lt.	8.64'	2.78'	10.8'	-	220.8
95+50.83	Lt.	8.43'	3.32'	8.5'	-	210.7
96+53.13	Lt.	7.93'	2.88'	7.4'	-	188.4
97+00.81	Lt.	7.89'	2.64'	10.0'	-	160.4
97+13.36	Lt.	7.82'	1.61'	8.7'	-	138.9
97+63.84	Lt.	7.31'	2.94'	10.0'	-	176.9
98+13.75	Lt.	7.23'	4.42'	9.4'	-	186.1
98+70.20	Lt.	5.39'	7.98'	9.5'	-	169.0
Total = 1714.7						

Driveway Concrete (8') (Reinforced)						
Driveway	Side	P	L	W	Y	Area (sf)
33+32.80	Rt.	24.76'	-	30.2'	-	815.1
34+28.45	Lt.	9.62'	-	28.0'	-	377.5
35+24.49	Lt.	10.50'	-	22.0'	-	339.0
36+50.94	Rt.	10.50'	-	15.0'	-	265.5
37+32.84	Rt.	10.50'	-	24.0'	-	360.0
40+71.41	Rt.	10.50'	-	24.0'	-	360.0
36+03.54	Lt.	10.50'	-	10.0'	-	213.0
37+41.63	Lt.	10.50'	-	30.0'	-	423.0
38+15.56	Lt.	10.50'	-	30.0'	-	423.0
39+35.42	Lt.	10.50'	-	24.0'	-	360.0
39+99.75	Lt.	10.50'	-	24.0'	-	360.0
40+61.99	Lt.	10.40'	-	15.0'	-	264.8
41+04.49	Lt.	10.50'	-	24.0'	-	360.0
41+37.49	Rt.	10.50'	-	14.0'	-	254.8
41+70.49	Rt.	10.50'	-	14.0'	-	255.0
43+53.50	Rt.	9.56'	-	18.0'	-	280.2
44+90.85	Rt.	8.00'	-	14.0'	-	211.3
41+88.14	Lt.	10.50'	-	24.0'	-	360.0
44+26.49	Lt.	8.16'	-	14.0'	-	223.9
48+53.23	Rt.	15.50'	-	30.0'	-	560.0
52+24.80	Rt.	9.87'	-	24.0'	-	335.9
53+82.56	Lt.	25.50'	-	29.0'	-	838.5
6+96.69	Rt.	7.54'	-	12.0'	-	183.7
7+34.62	Lt.	16.77'	-	12.0'	-	294.5
8+36.15	Lt.	16.00'	-	24.0'	-	492.0
12+01.36	Lt.	22.38'	-	67.8'	-	1421.6
12+93.70	Lt.	7.80'	-	24.0'	-	295.5
99+55.81	Lt.	9.08'	-	24.0'	-	344.1
201+73.99	Rt.	7.14'	5.48'	14.0'	-	303.4
202+34.87	Rt.	9.10'	-	16.0'	-	180.0
201+71.30	Lt.	14.10'	-	14.0'	-	241.3
202+14.06	Lt.	9.77'	-	14.0'	-	177.5
Total = 12174.1						

6" Reinforced Crushed Rock Base				
Station to	Station	Length (ft)	Width (ft)	Area (sq)
33+34.46	33+95.31	60.85	Varies	127.5
34+95.76	35+56.76	61.00	Varies	128.3
36+61.51	37+16.23	54.72	Varies	119.8
38+49.02	39+10.04	61.02	Varies	123.0
39+27.67	39+88.60	60.93	Varies	105.8
42+13.88	42+75.06	61.18	Varies	164.0
45+99.44	47+87.00	187.56	Varies	1158.4
47+87.00	50+00.00	213.00	63.00	1526.2
50+00.00	53+49.33	349.33	Varies	2058.7
53+49.33	54+47.00	97.67	51.00	592.7
6+79.80	7+82.86	103.06	Varies	644.2
7+82.86	9+74.66	192.30	63.00	1382.5
8+05.45	9+70.33	164.88	Varies	1693.8
10+43.13	12+32.47	189.34	63.00	1381.8
12+32.47	14+86.16	235.69	Varies	1408.1
99+33.93	99+76.24	42.31	Varies	296.3
199+56.59	199+74.48	17.89	39.00	79.8
200+30.28	200+64.43	34.15	Varies	183.1
Total = 13174.0				

8" Reinforced Crushed Rock Base				
Station to	Station	Length (ft)	Width (ft)	Area (sq)
32+15.75	33+10.65	94.90	40.00	421.8
33+10.65	34+60.70	150.05	Varies	651.6
34+60.70	43+25.08	864.38	Varies	3781.4
43+25.08	44+59.28	134.20	Varies	611.4
44+59.28	45+99.44	140.16	41.00	638.5
93+68.61	98+19.42	450.90	Varies	474.1
200+64.43	202+37.78	173.35	Varies	737.2
Total = 7292.2				

Summary of Removal				
Street	Pavement Removal	Sidewalk Removal		
21st Street	14169.7	2755.2	2952.1	328.0
Broadway	4602.4	894.9	514.1	57.1
Market	1136.6	221.0	194.4	21.6
Park Place	331.6	64.5	111.7	12.4
Parking Site	1288.1	250.5	0.0	0.0
Total =				21528.4

AC Base Course (BM-2, PG64-22) 5"					
Station to	Station	Length (ft)	Width (ft)	Area (sf)	Area (sq)
32+15.75	33+10.68	94.93	33.00	3131.4	347.9
33+10.68	34+60.70	150.02	Varies	5026.9	558.5
34+60.70	43+25.08	864.38	Varies	29388.9	3265.4
43+25.08	44+59.28	134.2	Varies	4562.4	506.9
44+59.28	45+99.44	140.16	34.00	4765.3	529.5
200+64.43	202+37.78	173.35	Varies	5422.3	602.5
Total = 52297.2 5810.8					

AC Surface Course (BM-2, PG70-28) 2"					
Station to	Station	Length (ft)	Width (ft)	Area (sf)	Area (sq)
32+15.75	33+10.68	94.93	33.00	3131.4	347.9
33+10.68	34+60.70	150.02	Varies	5026.9	558.5
34+60.70	43+25.08	864.38	34.00	29388.9	3265.4
43+25.08	44+59.28	134.2	Varies	4562.4	506.9
44+59.28	45+99.44	140.16	34.00	4765.3	529.5
200+64.43	202+37.78	173.35	Varies	5422.3	602.5
93+69.18	98+19.42	450.24	Varies	14463.6	1607.1
Total = 66760.8 7417.9					

Paving Brick (Crosswalk)				
Station	Side	Station	Side	Area (sf)
46+28.77	Lt.	46+79.87	Lt.	395.7
46+48.94	Rt.	46+87.42	Rt.	290.1
46+64.94	Lt.	50+24.10	Lt.	471.1
49+73.84	Rt.	50+31.30	Rt.	465.0
9+70.48	Rt.	10+43.75	Rt.	587.3
9+77.65	Lt.	10+49.27	Lt.	574.5
199+75.57	Rt.	200+27.96	Rt.	445.8
Total = 3229.5 358.8				

Concrete Pavement (8') (AE)				
Station to	Station	Length (ft)	Width (ft)	Area (sq)
46+28.77	46+79.87	Varies	8.0	44.0
46+48.94	46+87.42	Varies	8.0	32.2
46+64.94	50+24.10	Varies	8.0	52.3
49+73.84	50+31.30	Varies	8.0	51.7
9+70.48	10+43.75	Varies	8.0	65.3
9+77.65	10+49.27	Varies	8.0	63.8
199+75.57	200+27.96	Varies	8.0	49.5
Total = 358.8				

SUMMARY OF DRAINAGE QUANTITIES													
Sta.	Offset	Side	Prop. Inlet (6'-4"x4'-4")	Prop. Inlet (11'-4"x5'-4")	Prop. Inlet (11'-4"x4'-4")	Drop Inlet (2"x4")	Prop. Man. (5'x5')	Prop. Man. (8'x5')	Line No.	Length (L.F.)	Size	Structure FL In	Structure FL Out
32+18.22	13.21'	Rt.							D1A	9.59'	12"	-	119.16
32+18.24	2.28'	Rt.							D1	185.69'	15"	119.21	119.11
33+51.01	40.25'	Lt.							E1	29.86'	12"	-	119.04
33+79.53	40.37'	Lt.							E2	52.49'	15"	118.98	118.88
34+07.63	16.56'	Rt.							D2A	5.53'	12"	-	118.80
34+07.78	9.70'	Rt.							D2	120.31'	18"	118.80	118.70
35+31.46	22.00'	Rt.							D3	23.33'	23"x14"	118.50	118.40
35+59.23	18.33'	Rt.							D4	141.22'	18"	118.65	118.55
35+63.64	18.31'	Lt.							D3A	38.24'	12"	-	118.73
36+74.67	41.03'	Lt.							F1	30.51'	12"	-	119.28
37+03.04	35.07'	Lt.							F2	42.05'	15"	119.21	119.11
37+05.23	11.46'	Rt.							D5	136.63'	18"	119.03	118.93
38+45.86	18.33'	Lt.							G2	28.63'	15"	119.46	119.41
38+45.86	11.63'	Rt.							D6	174.70'	15"	119.40	119.30
38+52.73	6.71'	Rt.							D5A	8.63'	12"	-	119.40
38+93.85	40.46'	Lt.							G1	50.30'	12"	-	119.56
40+23.93	11.52'	Rt.							D7	186.21'	15"	119.85	119.75
40+23.93	18.33'	Lt.							D6A	28.52'	12"	-	119.91
40+23.93	18.33'	Rt.							D6B	5.53'	12"	-	119.86
42+14.12	11.48'	Rt.							D8	114.19'	15"	120.32	120.22
42+30.04	35.23'	Lt.							H3	44.35'	15"	120.51	120.41
42+58.84	40.14'	Lt.							H2	30.54'	12"	120.67	120.57
42+99.74	18.34'	Lt.							H1	39.92'	12"	-	120