

COMBINATION CURB & GUTTER			
STATION TO STATION	SIDE	LENGTH(FT.)	
13TH ST			
27+07.15 - 27+61.62	Lt.	54.5	
27+07.15 - 27+22.50	Rt.	15.4	
27+74.52 - 28+14.89	Rt.	40.4	
28+29.62 - 28+47.60	Lt.	18	
28+77.76 - 30+09.63	Lt.	131.9	
28+58.91 - 30+08.47	Rt.	149.6	
30+38.22 - 30+56.28	Rt.	18.1	
30+39.42 - 30+93.59	Lt.	54.2	
31+35.26 - 32+23.63	Lt.	88.4	
31+04.61 - 32+18.84	Rt.	114.2	
33+42.84 - 33+59.80	Rt.	17	
33+48.13 - 34+40.41	Lt.	92.3	
34+66.66 - 35+91.88	Lt.	125.2	
34+08.34 - 34+23.99	Rt.	15.6	
34+63.02 - 35+91.04	Rt.	128	
36+74.88 - 37+60.15	Lt.	85.3	
36+75.45 - 37+60.11	Rt.	84.7	
MOSLEY			
15+36.32 - 15+64.54	Rt.	28.2	
17+04.58 - 17+19.22	Rt.	14.6	
17+04.58 - 17+23.23	Lt.	18.7	
TOTAL		1294.3	

6" CONCRETE SIDEWALK(4") (THICKENED EDGE)			
STATION TO STATION	SIDE	Sq. Yds.	
27+07.15 - 27+22.50	Rt.	10.3	
27+07.15 - 27+80.02	Lt.	57.6	
27+74.53 - 28+24.23	Rt.	31.5	
28+11.22 - 28+46.67	Lt.	34.8	
28+49.57 - 29+43.50	Rt.	102.0	
28+78.67 - 30+09.64	Lt.	80.1	
30+39.47 - 30+93.51	Lt.	33.0	
31+35.32 - 31+77.76	Lt.	25.9	
32+18.84 - 32+58.84	Rt.	87.3	
32+19.75 - 32+63.13	Lt.	77.1	
33+08.63 - 34+40.10	Lt.	131.9	
34+66.91 - 34+77.56	Lt.	6.5	
33+02.84 - 33+42.84	Rt.	96.0	
35+09.37 - 36+11.20	Lt.	80.3	
36+55.80 - 36+82.03	Rt.	33.7	
36+55.48 - 36+82.03	Lt.	32.3	
TOTAL		920.3	

MANHOLES ADJUSTED			
STATION	SIDE	DIST. Lt./Rt.	
27+62.58	Lt.	3.2	
27+92.60	Rt.	25.7	
27+92.84	Rt.	18.1	
27+94.90	Lt.	34.1	
29+92.31	Lt.	3.5	
30+44.20	Lt.	3.4	
30+55.59	Rt.	18.1	
30+76.42	Rt.	7	
30+99.18	Rt.	26.1	
31+07.10	Rt.	27.1	
31+07.55	Rt.	6.8	
31+07.84	Rt.	4.8	
31+39.45	Lt.	7.6	
31+69.53	Rt.	25.7	
32+52.71	Rt.	7	
32+53.81	Rt.	31.7	
32+58.03	Rt.	23.6	
33+04.56	Lt.	4.1	
33+06.00	Rt.	11.5	
34+27.90	Rt.	17.4	
34+35.09	Rt.	6.8	
34+48.62	Lt.	4.7	
34+55.08	Lt.	34.8	
34+73.14	Lt.	26.4	
34+75.53	Rt.	6.4	
36+09.40	Lt.	4	
36+64.31	Lt.	3.7	
36+67.71	Rt.	6.6	
TOTAL		427.1	

REMOVAL OF EXISTING STRUCTURES			
STATION	SIDE	ITEM	
32+53.89	Lt.	Signal Pole	
32+54.67	Lt.	Signal Manhole	
32+60.09	Lt.	Inlet	
32+64.73	Rt.	Inlet	
33+04.29	Rt.	Inlet	
33+09.24	Lt.	Inlet	
33+13.04	Lt.	Signal Manhole	
33+17.45	Lt.	Signal Pole	
33+24.64	Rt.	Inlet	
33+25.69	Lt.	Inlet	
36+04.61	Rt.	RR Signal	
36+72.65	Rt.	Inlet	
TOTAL			427.1

DRIVE ENTRANCES 10" CONCRETE (REINF)			
STATION	SIDE	Sq. Yds.	
27+48.34	Rt.	34.7	
28+36.90	Rt.	81.1	
28+62.68	Lt.	21.4	
30+80.01	Rt.	81.7	
31+14.42	Lt.	27.9	
31+98.75	Lt.	28.2	
33+84.07	Rt.	64.0	
34+43.98	Rt.	49.2	
34+53.51	Lt.	17.8	
34+93.47	Lt.	21.1	
TOTAL		427.1	

BRICK PAVERS		
LOCATION		Sq. Yds.
INTERSECTION		345.1

ROCK EXCAVATION		
STATION		CU. YDS.
27+07.15 - 30+19.10		396.1
30+29.21 - 32+18.84		234.3
Intersection		271.6
33+42.84 - 37+60.13		536.6
TOTAL		1438.6

CRUSHED STONE SUBGRADE(6")		
STATION TO STATION		Sq. Yds.
27+07.15 - 30+19.10		1848.6
30+29.21 - 32+19.05		1261.4
33+48.10 - 36+67.12		2162.7
Intersection		1449.1
TOTAL		6615.3

CONCRETE PAVEMENT(10")NRDJ		
STATION TO STATION		Sq. Yds.
27+07.15 - 30+19.10		1526.1
30+29.21 - 32+19.05		1113.5
33+48.10 - 36+67.12		1820.5
TOTAL		4460.1

CONCRETE PAVEMENT(10")Reinf		
STATION TO STATION		Sq. Yds.
Intersection		1061.3
TOTAL		1061.3

TYPE B COMPACTION			
STATION TO STATION	Sq. Ft.	Cu. Yds.	
27+07.15 - 30+19.10	17347.7	212	
30+19.10 - 30+29.21	1406.3	17.2	
30+29.21 - 32+18.84	11192.7	136.8	
Intersection	13041.5	159.4	
33+42.84 - 36+28.41	16612	203	
36+28.41 - 36+38.27	1574.3	19.2	
36+38.27 - 37+60.13	6199.5	75.8	
TOTAL	67374	823.5	

MONOLITHIC EDGE CURB			
STATION TO STATION	SIDE	LENGTH(FT.)	
27+61.62 - 27+81.62	Lt.	31.4	
28+09.62 - 28+29.62	Lt.	31.4	
32+18.84 - 32+58.84	Rt.	62.8	
32+23.63 - 32+63.63	Lt.	62.8	
33+02.84 - 33+42.84	Rt.	62.9	
33+08.13 - 33+48.13	Lt.	62.8	
35+91.04 - 36+11.98	Rt.	32.4	
35+91.88 - 36+11.88	Lt.	31.4	
36+54.88 - 36+74.88	Lt.	31.4	
36+55.48 - 36+75.45	Rt.	31.4	
TOTAL		440.7	

10" VALLEY GUTTER			
STATION	SIDE	Sq. Ft.	Sq. Yds.
27+93.51	Lt.	867.7	96.4
36+33.38	Lt.	684	76.0
36+33.73	Rt.	732.6	81.4
TOTAL			253.8

COMMON EXCAVATION			
STATION	CUT(C.Y.)	FILL(C.Y.)	
27+07.15 - 30+19.10	539.24	2.25	
RR Crossing			
30+29.21 - 32+18.84	276.68	7.56	
Intersection			
33+42.84 - 36+28.41	168.89	10.6	
RR Crossing			
36+38.27 - 37+60.13	198.6	0.01	
TOTAL	1083.41	20.42	

5' CONCRETE SIDEWALK(4")			
STATION TO STATION	SIDE	Sq. Yds.	
29+43.50 - 30+19.10	Rt.	31.3	
30+29.21 - 30+65.22	Rt.	22.6	
30+94.74 - 32+18.84	Rt.	69.0	
33+42.84 - 33+69.33	Rt.	11.8	
33+98.88 - 34+33.98	Rt.	19.5	
34+53.96 - 36+12.01	Rt.	102.0	
TOTAL		256.8	

STORM SEWER									
INLET AND MANHOLE DATA					CONDUIT DATA				
STATION	DIST. LT./RT.	TYPE I INLET/MH	STATION	DIST. LT./RT.	SIZE(IN.)	MATERIAL	LENGTH(FT.)		
32+55.79	39.92' Lt.	5' x 4'	33+04.77	4.28' Lt.	15	RCP	83.44		
32+17.17	35.69' Rt.	5' x 4'	33+04.77	4.28' Lt.	15	RCP	36.26		
33+32.24	27.18' Lt.	5' x 4'	33+06	11.54' Rt.	15	RCP	24.17		
33+00.00	24.16' Lt.	5' Dia. MH	33+06	35.71' Rt.	15	RCP	88.83		
36+12.20	42.17' Lt.	5' x 4'	33+06	35.71' Rt.	15	RCP	40.18		
36+54.63	42.25' Lt.	5' x 4'	36+09.40	4.03' Lt.	15	RCP	38.24		
35+97.72	6.63' Rt.	5' Dia. MH	36+64.31	3.73' Lt.	15	RCP	39.75		
35+97.72	26.24' Rt.	5' x 4'	35+97.72	6.63' Rt.	15	RCP	19.69		
TOTAL		8	TOTAL				370.56		

SANITARY SEWER														
MANHOLE DATA					CONDUIT DATA					TEMPORARY PAVEMENT				
STATION	DIST. LT./RT.	TYPE "P" MH	STATION	DIST. LT./RT.	SIZE(IN.)	MATERIAL	LENGTH(FT.)	STATION	MATERIAL	LENGTH(FT.)	STATION	MATERIAL	LENGTH(FT.)	
28+23.24	9.39' Lt.	4' DIA.	27+94.80	34.33' Lt.	8	RCP	37.83	27+94.80	5" AC	37.83	36+67.13	8" Conc.	282.83	
31+07.58	9.39' Lt.	4' DIA.	28+23.24	9.39' Lt.	8	RCP	282.29	28+23.24	5" AC	282.29				
32+57.93	61.90' Rt.	4' DIA.	31+07.58	9.39' Lt.	8	RCP	327.97	31+07.58	5" AC	327.97				
34+33.51	9.39' Lt.	4' DIA.	32+57.93	23.4' Rt.	8	RCP	39.32	32+57.93	5" AC	39.32				
36+54.63	42.25' Lt.	4' DIA.	34+33.51	9.39' Lt.	8	RCP	33.43	34+33.51	5" AC	12.94				
TOTAL		4	TOTAL				720.84	TOTAL		700.35				

WATERLINE REPLACEMENT													
LOCATION				PIPE DATA				TEMPORARY PAVEMENT			PERMANENT PAVEMENT		
STATION	DIST. LT./RT.	ITEM	STATION	DIST. LT./RT.	SIZE(IN.)	LENGTH(FT.)	STATION	MATERIAL	LENGTH(FT.)	STATION	MATERIAL	LENGTH(FT.)	
26+92.61	3.00' Lt.	6" Service Outlet Assembly	27+01.15	3.00' Lt.	8" Pipe	108.90	27+01.15	5" AC	108.90	36+67.13	8" Conc.	282.83	
28+10.05	26.96' Rt.	8" MJ Gate Valve Assembly	28+10.05	26.96' Rt.	8" Pipe	75.64	28+10.05	5" AC	75.64				
28+10.20	48.57' Lt.	2" Blowoff Assembly	28+10.05	26.96' Rt.	8" Pipe	327.97	28+10.05	5" AC	327.97				
29+55.79	27.02' Rt.	8" MJ Gate Valve Assembly	29+55.79	27.02' Rt.	8" Pipe	39.32	29+55.79	5" AC	39.32				
30+61.18	46.97' Rt.	Fire Hydrant Assembly	29+55.79	27.02' Rt.	8" DI CL Pipe	10.00	30+61.18	5" AC	176.53				
33+11.04	37.23' Lt.	8" Tapping Valve Assembly	30+61.18	46.97' Rt.	8" Pipe	176.53	32+97.00	5" AC	19.48				
36+54.50	17.34' Rt.	8" MJ Gate Valve Assembly	32+97.00	47.05' Rt.	8" Pipe	19.48	33+16.48	5" AC	86.90				
39+47.57	16.10' Rt.	8" Tapping Valve Assembly	33+16.48	47.06' Rt.	8" Pipe	86.90	33+16.48	5" AC	352.16				
			33+16.48	47.06' Rt.	8" Pipe	352.16	36+54.50	5" AC	12.63				
			36+54.50	17.34' Rt.	8" DI CL Pipe	9.00							
			36+54.50	17.34' Rt.	8" Pipe	293.07							
			TOTAL (8" Pipe)			1,479.97	TOTAL		1,199.53	TOTAL		282.83	
			TOTAL (8" DI CL Pipe)			19.00							

RECAPITULATION OF QUANTITIES		
ITEM	QUANTITY	UNITS
PARTICIPATING		
CLEARING AND GRUBBING	1	LS
COMMON EXCAVATION	1183	CY
COMPACTION OF EARTHWORK	824	CY
ROCK EXCAVATION	1439	CY
REMOVAL OF EXISTING STRUCTURES	1	LS
REINFORCED CRUSHED STONE SUBGRADE (6")	6615	SY
CONC. PAVEMENT (10") NRDJ	4460	SY
CONC. PAVEMENT, INTERSECTION(10")(REINFORCED)	1061	SY
CONC. PAVEMENT, DRIVE (10")(REINFORCED)	427	SY
CONCRETE VG PAVEMENT (10")	382	SY
COMBINED CURB AND GUTTER	1294	LF
MONOLITHIC EDGE CURB	441	LF
SIDEWALK PAVEMENT (4")	257	SY
SIDEWALK PAVEMENT (4") (THICKENED EDGE)	920	SY
WHILE CHALK RAMP	76	EA
PAVING BRICK	345	SY
INLET (TYPE 1, L=5)	6	EA
MANHOLES (5' Dia. Type "P")	2	EA
15" RCP	371	LF
SAND FILL, FLUSH AND V		