

SUMMARY OF QUANTITIES

No	STATION	TYPE	SIZE	LENGTH	CONCRETE		REINF.	V.P.	V.P.	EXCAV.	STONE MAS.
					1-8 Cu. Yds.	1-5 1/2 Cu. Yds.	STEEL LBS.	10" LIN. FT.	20" LIN. FT.	DRY Cu. Yds.	REMOVED Cu. Yds.
STRUCTURES 20' AND UNDER											
	169+49	V.P. (enc.)	10"	22'	1.6	0.2	22	22		3.8	
	172+39	"	"	22'	1.6	0.2	22	22		4.2	
	176+49	"	"	22'	1.6	0.2	22	22		3.5	
4	182+98	"	"	22'	1.6	0.2	22	22		4.0	
5	185+06	"	"	14'	1.3	0.2	22	14		3.0	
6	187+0	"	"	18'	1.5	0.2	22	18		3.1	
7	190+99	"	"	18'	1.5	0.2	22	18		2.9	
8	193+99	"	"	18'	1.5	0.2	22	18		3.9	
9	194+99	"	"	4'	0.22	0.2	22	4		0.6	
10	197+0	"	"	18'	1.7	0.2	22	18		2.8	
11	200+98	"	"	18'	1.7	0.2	22	18		4.2	
12	206+98	"	"	20'	1.7	0.2	22	20		5.8	
13	210+58	"	"	20'	1.7	0.2	22	20		5.3	
14	213+58	"	"	20'	1.7	0.2	22	20		4.4	
15	215+98	"	"	20'	1.7	0.2	22	20		3.0	
16	222+99	"	"	18'	1.7	0.2	22	18		0.5	
17	226+33	"	"	4'	0.4	0.2	22	4		1.7	
18	226+79	"	"	10'	0.94	0.2	22	10		0.5	
19	227+22	"	"	4'	0.47	0.2	22	4		0.5	
20	230+49	"	"	18'	1.41	0.2	22	18		4.5	
21	239+99	"	"	20'	1.69	0.2	22	20		5.1	
22	241+50	Slab Top	7' (x6')	22'		3.8	321				6.5
23	244+88	V.P. (enc.)	10"	18'	1.69	0.2	22	18		3.0	
24	248+96	"	"	18'	1.69	0.2	22	18		3.4	
25	252+96	"	"	18'	1.69	0.2	22	18		3.6	
26	260+96	"	"	18'	1.69	0.2	22	18		6.3	
27	271+97	"	"	18'	1.69	0.2	22	18		4.0	
28	275+98	"	"	18'	1.69	0.2	22	18		4.3	
29	279+92	"	"	18'	1.69	0.2	22	18		5.3	
30	290+97	"	"	18'	1.69	0.2	22	18		4.8	
31	296+96	"	"	10"	1.69	0.2	22	18		5.1	
32	297+95	Slab Top	5' (x6')	27'		2.5	254				3.5
33	302+97	V.P. (enc.)	10"	18'	1.69	0.2	22	18		5.3	
34	307+95	"	"	18'	1.69	0.2	22	18		4.9	
35	318+50	"	"	18'	1.79	0.2	22	18		4.5	
36	323+96	"	"	18'	1.79	0.2	22	18		5.8	
37	332+96	"	"	18'	1.79	0.2	22	18		4.0	
38	336+88	"	"	18'	1.79	0.2	22	18		3.5	
39	341+23	"	"	20"	60'	17.0		60		7.0	12.0
40	346+80	"	"	10"	18'	1.79	0.2	22		4.7	
41	351+62	"	"	18'	1.79	0.2	22	18		5.0	
42	356+61	"	"	18'	1.79	0.2	22	18		4.0	
43	362+63	"	"	18'	1.79	0.2	22	18		4.7	
44	368+14	"	"	18'	1.79	0.2	22	18		5.2	
45	371+63	"	"	18'	1.79	0.2	22	18		6.0	
46	376+64	"	"	18'	1.79	0.2	22	18		4.6	
47	387+16	"	"	18'	1.79	0.2	22	18		4.2	
48	392+78	"	"	18'	1.79	0.2	22	18		3.3	
49	398+68	"	"	18'	1.79	0.2	22	18		4.8	
50	404+84	"	"	18'	1.46	0.2	22	18		3.4	
51	407+86	"	"	18'	1.79	0.2	22	18		3.7	
52	420+77	"	"	18'	1.79	0.2	22	18		5.9	
53	426+63	"	"	18'	1.79	0.2	22	18		5.0	
54	432+68	"	"	18'	1.79	0.2	22	18		4.6	
					98.5	16.5	1697	888	60	213.5	22.0

SUMMARY OF CATCH + INLET BASINS		
Station	C.B. Ror L. Covers Reset	I.B. Ror L.
169+49	R+L	
172+39	R+L	
176+49	R+L	
182+98	R+L	
185+06	R	
187+0	R+L	
190+99	R+L	
193+99	R+L	
194+99	L	
197+0	R+L	
200+98	R+L	
206+98	R+L	
210+58	R+L	
213+58	R+L	
215+98	R+L	
222+99	R+L	
226+33	L	
226+79	R	
227+22	L	
230+49	R+L	
239+99	R+L	
244+88	R+L	
248+96	R+L	
252+96	R+L	
260+96	R+L	
271+97	R+L	
275+98	R+L	
279+92	R+L	
290+97	R+L	
296+96	R+L	
302+97	R+L	
307+95	R+L	
318+50	R+L	
323+96	R+L	
332+96	R+L	
336+88	R+L	
341+23	R	R. 36x36"
340+86	R	
346+80	R+L	
351+62	R+L	
356+61	R+L	
362+63	R+L	
368+14	R+L	
371+63	R+L	
376+64	R+L	
387+16	R+L	
392+78	R+L	
398+68	R+L	
404+84	R+L	
407+86	R+L	
420+77	R+L	
426+63	R+L	
432+68	R+L	
Totals	98 C.B.	1-18.76%

SUMMARY OF EXCAV. + EMBANKMENT				
From Sta.	To Sta.	Cubic Yards		
		Excav.	Emb+20%	Waste
158+50	170+0	1113.0	48.5	1064.5
170+0	180+0	1143.1	0.0	1143.1
180+0	190+0	1288.2	0.0	1288.2
190+0	200+0	939.3	0.0	939.3
200+0	210+0	1007.2	47.8	959.4
210+0	220+0	1214.9	0.0	1214.9
220+0	230+0	939.2	31.2	908.0
230+0	240+0	929.1	21.8	907.3
240+0	250+0	981.1	111.5	869.6
250+0	260+0	1086.0	36.0	1050.0
260+0	270+0	937.5	43.2	894.3
270+0	280+0	971.6	146.3	825.3
280+0	290+0	925.1	59.5	865.6
290+0	300+0	1151.0	82.7	1068.3
300+0	310+0	1422.4	122.2	1300.2
310+0	320+0	928.4	150.7	777.7
320+0	330+0	921.1	128.4	792.7
330+0	340+0	795.4	241.6	553.8
340+0	350+0	907.8	146.9	760.9
350+0	360+0	686.7	549.2	137.5
360+0	370+0	998.9	79.0	919.9
370+0	380+0	1028.1	1.8	1026.3
380+0	390+0	982.1	0.5	981.6
390+0	400+0	1045.7	31.1	1014.6
400+0	410+0	892.2	20.9	871.3
410+0	420+0	667.3	264.1	403.2
420+0	430+0	1258.1	0.0	1258.1
430+0	437+90	1033.9	0.0	1033.9
Totals		28,194.4	2,364.9	25,829.5

TOTAL QUANTITIES ROADWAY & PAVEMENT

R-1 Excavation (unclassified) Type "C"
R-1 Excavation (unclassified) Type "B"
R-5 Finishing shoulders and slopes (both sides.)
I-30 Trees to be removed + Trees (min. diam. 2") planted as directed
I-23 6" Concrete 1-5 1/2 Mix (side walks, drives where directed)
I-6 Concrete Gutter Curb removed and reset
I-6 Concrete Gutter Curb (new where directed) 1-5 1/2 mix
B-5 Concrete base course 1-7 mix (area under old pave. included)
T-9 4" Brick pave. complete (cement grout filler + 1" sand cushion)
T-7 Concrete pavement 1-5 1/2 mix with transverse joints
T-9 4" Brick pave. complete (to relay old pave. as directed around old I. Base)
B-5 7" Concrete base course (to repair old pave. as directed)
Old 4" brick pave. (grout filler) + 5" conc. base removed as directed
I-9 Catch basins complete (old covers to be reset)
I-9 Inlet basins complete (State Std. No. 1)
I-9 Manhole tops reset (on old sewer)
I-8 12" V.P. sewer

STRUCTURES UNDER 20'

R-2 Excavation (dry)
S-1 1-5 1/2 Concrete
S-1 1-8 Concrete
S-4 Reinforcing Steel
S-8 10" Vitrifed Sewer pipe
I-16 Stone Masonry Removed
S-8 20" Vitrifed Sewer pipe

* Note: alternates = T-7 (conc) with B-6 + T-9 (brick) with proper item

SUMMARY OF GUTTER CURB				
From	To	FOR	Lin. Ft.	Add/Deduct
158+50	437+90	All	55880	
184+41.2	185+41.2	Inter.		9
194+0	195+0			40.5
210+0	210+0			46.0
218+63.68				39.0
234+0	236+0			67.2
226+75.2				57.0
266+84.1				86.0
Sub Total			55880	+90
			- 327	+ 9.0
Lin. Ft. Gutter Curb =			55,553	- 326.7

SUMMARY OF PAVEMENT						
FROM STATION	To STATION	FOR	Sq. Yds. Brick Pave (36)	Deduct Sq. Yds. Brick Pave	Sq. Yds. Conc. Base (37)	Deduct Sq. Yds. Conc. Base
158+50	437+90	All	111,760		114,864.4	
158+50	159+0	Pres. pave.		158		158
159+0	184+41.2	"		564.7		564.7
184+41.2	185+41.2	Inter.		2.07		2.07
185+41.2	194+0	Pres. pave.		2,099.5		2,099.5
194+0	195+0	Inter.		2.27		2.27
195+0	217+0	Pres. pave.		4,888.8		4,888.8
210+0	210+0	Inter.		20.1		20.1
217+0	220+0	Pres. pave.		713.3		713.3
218+63.7		Inter.		17.0		17.0
220+0	222+0	Pres. Pave.		489.0		489.0
222+0	224+0	"		477.8		477.8
224+0	234+0	"		2,333.3		2,333.3
234+0	236+0	Inter.		480.8		480.8
236+0	437+90	Pres. Pave.		40,380.0		40,380.0
226+75.17		Inter.		32.4		32.4
266+84.1		Inter.		100.7		100.7
Sub-Totals			111,760	58,271.7	114,864.4	58,271.7
			58,271.7		58,271.7	
Grand Total Sq. Yds. Brick			53,488.3	Sq. Yds. base	56,592.7	

TREES TO BE REMOVED		
STATION	Size and Kind	Distance to R or L of #
192+20	20" M	20' L
158+71	20" M	20.5' R
159+20	30" M	20.5' R
161+14	20" M	18.5' L
163+55	12" M	18.5' L
173+86	24" M	18.7' L
191+33	20" M	19.5' L