

# SUMMARY OF QUANTITIES

No	STATION	TYPE	SIZE	LENGTH	EXCAV. DRY	CONCRETE		REINF. STEEL	V.P.	10"x4"	10"x4"	10"x10"
					CU. YDS.	1-5 1/2	1-8	LBS.	10"	T	DOUBLE T	Y
STRUCTURES 20' AND UNDER												
1	2+04	V.P. (enc.)	10"	2	0.6		0.14		2			
2	6+05	"	"	16	4.9	0.2	1.57	22	14	1		
3	9+01	"	"	20	3.8	0.2	1.92	22	18	1		
4	12+01	"	"	20	3.7	0.2	1.78	22	18	1		
5	21+01	"	"	18	3.8	0.2	1.78	22	16		1	
6	22+97	"	"	20	3.8	0.2	1.78	22	18	1		
7	25+99	"	"	20	3.6	0.2	1.78	22	18	1		
8	31+50	"	"	20	3.8	0.2	1.78	22	18	1		
9	36+99	"	"	20	4.3	0.2	1.78	22	18	1		
10	42+49	"	"	22	4.1	0.2	1.92	22	20	1		
11	53+01	"	"	20	3.9	0.2	1.78	22	18	1		
12	57+99	"	"	16	4.0	0.2	1.49	22	14		1	
13	62+50	"	"	16	3.9	0.2	1.49	22	14	1		
14	66+99	"	"	16	4.3	0.2	1.49	22	14	1		1
15	76+50	"	"	20	4.0	0.2	1.78	22	18	1		
16	79+95	"	"	24	4.3	0.2	2.30	22	22	1		
17	84+26	"	"	22	4.1	0.2	1.92	22	20	1		
18	88+75	"	"	20	4.1	0.2	1.82	22	18		1	
19	92+49	"	"	20	3.9	0.2	1.82	22	18	1		
20	101+0	"	"	20	3.9	0.2	1.78	22	18	1		
21	104+99	"	"	20	3.6	0.2	1.78	22	18		1	
22	110+52	"	"	20	3.8	0.2	1.78	22	18	1		
23	120+95	"	"	20	4.3	0.2	1.78	22	18	1		
24	126+0	"	"	20	3.1	0.2	1.78	22	18		1	
25	135+99	"	"	20	4.1	0.2	1.39	22	18	1		
26	138+40	"	"	20	4.3	0.2	1.39	22	18	1		
27	142+0	"	"	18	4.3	0.2	1.63	22	16		1	
28	143+98	"	"	20	4.3	0.2	1.73	22	18	1		
29	146+98	"	"	20	3.8	0.2	1.73	22	18	1		
30	154+24	"	"	20	4.3	0.2	1.73	22	18	1		
31	158+50	"	"	20	3.8	0.2	1.73	22	18		1	
32	157+50 to 158+50	V.P. (enc.) side road	"	98	24.6		9.30		98			
TOTALS					145.1	6.0	61.65	660	628	23	7	1

Station	G.B. RorL	I.B. RorL
2+04		
6+05	R	L
9+01	R	
12+01	L	
21+01	L	
22+97	R	
25+99	L	
31+50	R	
36+99	R	
53+0	L	
57+99	R	L
62+50	R	L
66+99	R	L
76+50	R	
79+95	R	
84+26	L	
88+75	R	
92+49	R	
101+0	R	
104+99	L	
110+52	R	
120+95	L	
126+0	R	
135+99	R	
138+40	R	
142+0	L	
143+98	R	
146+98	L	
154+24	R	
157+50	R	
158+50	R	
TOTAL	57 G.B.	5 I.B.

R-1 Excavation (unclassified)	15,509.0 Cu. Yds.
R-5 Finishing shoulders & slopes (both sides)	15,720 Lin. Ft.
R-1 Trees to be removed	16
Trees to be planted as directed (min. diameter 2")	16
I-6 Concrete Gutter Curb removed and reset	27,000 Lin. Ft.
I-6 Concrete Gutter Curb (new) 1-5 mix (where directed)	3,700 Lin. Ft.
B-6 Concrete base course 1-7 mix (area under old par. included)	32,392 Sq. Yds.
T-9 4" Brick pavement complete (asphalt filler & 1" sand cushion)	635 Sq. Yds.
T-9 4" Brick pavement complete (cement grout filler & 1" sand cushion)	30,017 Sq. Yds.
T-9 4" Brick pavement complete (to relay par. as directed)	700 Sq. Yds.
B-6 7" Concrete Base course (to repair old pavement as directed)	700 Sq. Yds.
Old 4" brick pavement (grout filler & 5" conc. base removed)	700 Sq. Yds.
I-6 6" concrete raised curb to be removed	28 Lin. Ft.
I-6 6"x24" concrete raised curb (new)	28 Lin. Ft.
I-9 Catch Basins complete (old covers to be reset)	5
I-9 Inlet Basins complete (old covers to be reset)	5

R-2 Excavation (dry)	145.1 Cu. Yds.
S-1 1-5 1/2 Concrete	6 Cu. Yds.
S-1 1-8 Concrete	61.65 Cu. Yds.
S-4 Reinforcing steel	660 Lbs.
S-8 10" Vitrified sewer pipe	628 Lin. Ft.
S-8 10"x4" Ts	23
S-8 10"x4" double Ts	7
S-8 10"x10" Y	1

STATION	Size and Kind	Distance to R or L of E.
95+55	24" M	20' L
95+82	18" M	20' L
96+08	18" M	20' L
96+78	40" Loc.	19' R
99+72	20" M	20.5' R
102+45	24" M	20.5' R
112+80	24" M	20.5' R
116+97	36" M	20' L
117+37	20" M	20' L
118+97	30" M	18.5' L
150+22	30" M	20' R
150+61	24" M	20' R
150+85	24" M	20' R
151+04	18" M	20' R
158+37	24" M	20' R
158+70	20" M	20.5' R
TOTAL = 16 TREES		
Plant = 16 TREES		

From Sta.	To Sta.	Cubic Yards		
		Exc.	Emb.+20% Waste	
1+44	10	774.6	344.8	430.6
10+0	20	989.2	22.7	966.5
20	30	970.5	162.2	808.3
30	40	674.7	269.0	405.7
40	50	957.5	241.0	716.5
50	60	1252.2	264.4	987.8
60	70	1220.4	434.2	786.2
70	80	959.2	585.1	374.1
80	90	960.5	378.4	582.1
90	100	880.2	147.7	732.5
100	110	935.0	83.5	851.5
110	120	940.0	45.8	894.2
120	130	1041.3	0.0	1041.3
130	140	1017.7	34.2	983.5
140	150	977.9	35.2	942.7
150	159	957.9	0.0	957.9
TOTALS		15508.8	3047.4	12461.4

From Sta.	To Sta.	Lin. Ft.
1+80 R	2+08 R	28

From Sta.	To Sta.	Sq. Yds. brick	Sq. Yds. base
1+80	6+0	635 (asphalt filler)	680
6+0	129+0	24600	25967
129+0	130+50	281	298
130+50	159+0	5067	5383
ADDITION			
At Sta.	For		
22+60	Int.	57	57
158+10	Int.	51	51
Sub. Total		30691	32436
DEDUCT	For		
158+56-159	connection with old par.	39	44
TOTALS		30652	32392