

SUMMARY OF QUANTITIES

DIST. 07
SH 520
LAKE

TOTAL QUANTITIES

ROADWAY & PAVEMENT

- R-1 Excavation (unclassified) [including removal of 4190 sq yds old paved 1 1/2" C]
 - R-1 Excavation (unclassified) [including removal of 490 sq yds old paved 1 1/2" Type "B"]
 - R-5 Finishing grade areas & slopes (both sides & center)
 - R-1 Trees to be removed
 - I-7 Type D Guard Rail
 - I-8 12" Vit Pipe Sewer
 - S-10 12" Corr. Iron Pipe
 - E-9 Catch basins complete
 - E-9 Inlet basins complete
 - S-1 1-5 1/2 conc (hws sewers)
 - S-4 Reinforcing Steel
 - E-9 Manhole
 - T-7 Concrete Pavement (Center & Transverse Joints)
 - B-5 7" Concrete base (1-7 mi)
 - T-5 3 paving block (cushion & asphalt finish)
 - I-6 6"x6" Concrete raised curb (Type C)
 - I-6 9 3/4"x6" Concrete raised curb (Type 3)
 - I-6 3 3/4"x2" Concrete flush curb (Type B)
- ### BRIDGES & CULVERTS
- R-2 Excavation
 - S-1 1-6 1/2 Concrete
 - S-1 1-5 1/2 Concrete
 - S-1 1-8 Concrete
 - S-4 Reinforcing Steel
 - I-16 12" Vit Pipe
 - I-16 Stone Masonry Removal
 - S-9 2" Gal. Iron Pipe Railing
- Note: alternates (T-7) with (B-6, T-5, I-6) (conc) with (Brick)

No	STATION	TYPE	SIZE	LENGTH	EXCAV		CONCRETE		INTR. FLD PIPE			STONE MASONRY REMOVED	REINFE. TYPE 2" Gal. STILL IRON PIPE RAIL
					CU YDS	1-5 1/2	1-8	1-6 1/2	24"	18"	12"		
1	25+16 to 26+10	VSP (ene) sidewalk	12"	106	33.4		9.4						106
2	46+50	VSP (ene)	12"	56	21.6		5.9						56
3	51+50	"	12"	56	15.5		5.9						56
4	56+0	"	12"	56	14.9		5.9						56
5	59+0	"	12"	56	16.2		5.9						56
6	62+25	"	12"	56	15.0		5.9						56
7	69+50	"	12"	56	19.9		5.9						56
8	74+50	"	12"	56	19.1		5.9						56
9	28+54	slab top	95x45	45.5	245.0	15.9	47.0					2108.2	280
TOTAL					179.0	507	47.0	198	4	2108.2	280		

SUMMARY OF SEWERS							
FROM STA.	TO STA.	LN FT	12" V P S on R	12" V P S on L	12" Corr. I.P. on R	1-5 1/2 Cor. Cu yds.	REIN. STEEL Lbs.
6+0	6+80	80					
13+0	13+88	88					
15+50	16+0	24					
21+50	22+15	65					
25+16	25+04	30					
27+50	28+50	100					
33+0	34+0	22					
36+0	37+0	22					
46+50	49+55	305					
51+50	59+0	750					
51+50	to MH R.	10					
51+50	MH to Green R.			50	10	33	
62+25	74+50	1225					
74+50	76+24	174					
76+13	76+0	48					
TOTALS		2943	50	10	33		

SUMMARY OF CATCH BASINS & INLET BASINS		
STA.	CB	IB
	RorL	RorL
6+0	R	
13+0	R	
15+50	R	
21+50	R	
25+16	R	
26+06	R	
27+50	R	
33+0	R	
36+0	R	
46+50	L	R
51+50	L	R
56+0	L	R
59+0	L	R
62+25	L	R
69+50	L	R
74+50	R	R
76+13	R	R
Total	6	18

SUMMARY OF PAVEMENT				
TYPE C PAVEMENT & TYPE B CONCRETE BASE				
FROM STA.	TO STA.	FOR	30' x 6"	12' x 6"
0-16.80	76+29.80	ALL	3,436	
0-16.8	41+12	Fl. R.		9,557
2+60		Int.		57.1
9+50		Int.		77.3
14+82		Int.		16.7
25+78.6		ALL		15.0
61+50		Int.		12.2
72+25		Island		1.5
75+25	76+29.80	Int.		96.7
Totals			3,436	11,000.0
			+1,160.0	
			+3,596.0	
			-8,321.4	
Total Type C Pavement & Type B Base = 23,974.6 Sq yds				

SUMMARY OF EXCAVATION & EMBANKMENT					
FROM STA.	TO STA.	EXCAVATION	EMBANKMENT	WASTE	BORROW
0+0	10+0	9,375	9,375	36.9	886.4
10+0	20+0	796.5	237.5	296.9	499.2
20+0	30+0	918.5	361.8	452.3	466.0
30+0	40+0	513.5	398.8	498.8	15.0
40+0	50+0	2169.0	1512.4	1890.3	278.5
50+0	65+0	1619.5	285.9	1607.4	12.0
65+50	76+29.80	14,249	372.5	465.6	969.3
TOTALS		83,748	4,984	5,248.4	3,120.4

See note on Sheet #3 re: disposal of waste
NB Excavation quantity includes 4190 sq yds. old pavement to be removed

TREES TO BE REMOVED		
No	STATION	SIZE & KIND Dist to L or R
1	0+71	18 Elm 16' R
MANHOLE		
STATION 51+50 on R		

SUMMARY TYPE D GUARD RAIL			
FROM STA.	TO STA.	RorL	Lin Ft.
47+0	51+0	L	400
49+90	50+22	R	32
TOTAL			432

SUMMARY OF RAISED CURB					
TYPE C - 6"x6" or TYPE B - 9 3/4"x6"					
FROM STA.	TO STA.	FOR	LN FT.	ADD.	DEDUCT
0-16.80	76+29.80	ALL	15,293.2		
0-16.80	41+12	Fl. Pave.			4128.8
2+60		Int.			124.0
9+50		Int.			17.3
14+82		Int.			10.0
25+78.6		Int.			12.5
61+50		Int.			93.9
75+25	76+29.80	Int.			26.5
Totals			15,293.2		4,461.9
Total 6"x6" or 6"x9 3/4" raised curb = 10,831.3 lin ft					

SUMMARY OF FLUSH CURB					
3 3/4" x 12" FOR TYPE E					
FROM STA.	TO STA.	FOR	LN FT.	ADD.	DEDUCT
0-16.80	76+29.80	ALL	15,293.2		
0-16.80	41+12	Fl. Pave.			4128.8
2+60		Int.			87.0
9+50		Int.			28.5
14+82		Int.			82.0
25+78.6		Int.			39.0
61+50		Int.			160.0
72+25		Island			38.0
75+25	76+29.80	Int.			123.9
Totals			15,293.2	396.0	4,368.2
Total 3 3/4" Flush Curb = 11,321.0 lin ft					