

STATION	DISTANCE	20200100 EARTH EXCAVATION	EXCAVATION FOR EMBANKMENT (REDUCED FOR SHRINKAGE 0.15%)	20201200 REMOVAL AND DISPOSAL OF UNSUITABLE MATERIALS	EMBANKMENT	20400800 FURNISHED EXCAVATION EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	20700220 POROUS GRANULAR EMBANKMENT, SUBGRADE	66900200 NONSPECIAL WASTE DISPOSAL
	FT	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD
57+00.00	8.1	3.6	3.1	4.1	0.7	2.4	8.7	12.0
57+33.59	33.6	15.1	12.8	16.2	2.9	10.0	36.3	50.1
57+50.00	16.4	7.1	6.0	8.0	1.0	5.0	17.7	24.5
58+00.00	50.0	18.2	15.5	19.6	3.1	12.4	40.5	75.9
58+20.60	20.6	9.0	7.6	6.6	1.0	6.7	11.1	31.9
58+35.23	14.6	7.7	6.6	6.0	0.3	6.2	7.9	22.8
58+50.00	14.8	5.8	4.9	6.9	0.6	4.3	8.1	23.0
58+61.59	11.6	5.2	4.5	5.8	0.7	3.7	6.5	18.1
58+71.44	9.8	5.9	5.0	5.1	0.3	4.7	5.7	15.3
59+00.00	28.6	15.2	12.9	12.4	0.8	12.0	17.0	44.6
59+18.14	18.1	13.1	11.1	5.1	0.5	10.7	11.2	28.7
59+26.17	8.0	7.2	6.1	1.4	0.0	6.1	5.1	12.8
59+50.00	23.8	17.3	14.7	3.2	0.5	14.3	15.5	35.3
59+55.54	5.5	4.3	3.6	0.8	0.2	3.5	3.7	7.6
59+83.97	28.4	27.6	23.4	4.5	0.3	23.1	19.4	38.5
60+00.00	16.0	14.5	12.3	3.0	0.6	11.7	11.3	21.9
60+50.00	50.0	49.2	41.8	21.0	2.8	39.0	36.9	73.5
61+00.00	50.0	67.4	57.2	16.2	1.3	56.0	19.1	76.2
61+11.79	11.8	18.4	15.6	0.0	0.1	15.6	0.0	17.7
61+50.00	38.2	59.4	50.5	0.0	0.2	50.3	0.0	55.2
61+77.50	27.5	49.9	42.5	0.0	0.1	42.3	0.0	38.4
62+00.00	22.5	53.2	45.2	0.0	0.0	45.2	0.0	31.3
62+50.00	50.0	130.1	110.6	0.0	0.1	110.5	0.0	68.9
63+00.00	50.0	116.1	98.7	0.0	0.0	98.7	0.0	119.9
63+37.34	37.3	37.5	31.9	0.0	0.0	31.9	0.0	165.2
63+50.00	12.7	27.6	23.5	0.0	0.0	23.5	0.0	43.8
64+00.00	50.0	130.1	110.6	0.0	1.0	109.6	0.0	47.7
64+26.73	26.7	24.9	21.2	0.0	0.7	20.5	0.0	10.7
64+50.00	23.3	21.5	18.2	0.0	0.8	17.4	0.0	9.3
64+58.56	8.6	7.5	6.4	0.0	0.4	6.0	0.0	3.6
64+72.12	13.6	13.3	11.3	0.0	0.2	11.1	0.0	5.9
65+00.00	27.9	25.9	22.0	0.0	1.0	21.0	0.0	13.8
65+12.46	12.5	11.0	9.3	0.0	0.6	8.7	0.0	6.9
65+50.00	37.5	31.5	26.8	0.0	1.1	25.7	0.0	22.6
65+64.98	15.0	13.2	11.2	0.0	0.3	10.9	0.0	10.4
66+00.00	35.0	25.8	21.9	0.0	1.4	20.6	0.0	27.4
66+07.96	8.0	3.5	3.0	0.0	0.8	2.2	0.0	6.6
66+16.00	8.0	3.2	2.7	0.0	1.2	1.6	0.0	6.6
<b>TOTALS</b>		<b>3945.0</b>	<b>3353.3</b>	<b>1425.3</b>	<b>2076.6</b>	<b>1276.7</b>	<b>4239.7</b>	<b>7067.7</b>

SHRINKAGE FACTOR: 15%  
COLUMN 1-7 LOCATIONS AND QUANTITIES FROM CROSS SECTIONS  
CUT = EARTH EXCAVATION\*\*FILL = EMBANKMENT  
COLUMN 2 - QUANTITY OF EARTH EXCAVATION (CUT) ADJUSTED FOR A SHRINKAGE FACTOR OF 15%  
COLUMN 7 - QUANTITY OF UNSUITABLE MATERIAL REMOVAL RESULTING FROM COMMON AND SUBGRADE EXCAVATION  
COLUMN 5 - EARTHWORK REQUIRED. (-) = QUANTITY OF FILL OR EMBANKMENT NEEDED (FURNISH EXCAVATION)  
(+) = EXCESS SPOIL (TO BE WASTE)

**SANITARY SEWER REMOVAL AND REPLACEMENT 8" FOOT**

STATION	OFFSET	SIDE	LENGTH
19+45	23.6	RT	20
36+88	19.0	RT	20

TOTAL = 40 FEET

**TREE REMOVAL (6 TO 15 UNITS DIAMETER), UNITS**

STATION	LT/RT	UNITS
32+95	RT	7
33+90	LT	9
36+03	RT	6
37+09	RT	8
37+51	RT	6
40+10	RT	6
41+50	RT	7
41+69	RT	12
42+25	RT	8
44+24	RT	8
45+65	RT	9
46+10	LT	14
46+50	LT	11
47+60	LT	8
48+20	LT	11
49+84	LT	14
52+92	LT	14
53+39	RT	9
55+15	LT	10
62+73	LT	7
63+95	LT	7
63+95	RT	8
64+56	RT	7
64+98	RT	7
65+40	RT	7

TOTAL = 220

**TREE REMOVAL (OVER 15 UNITS DIAMETER), UNITS**

STATION	LT/RT	UNITS
21+05	LT	19
40+91	RT	16
41+28	RT	16
49+40	LT	16
50+28	LT	20
53+58	LT	17

TOTAL = 104

**BITUMINOUS SURFACE REMOVAL - BUTT JOINT, SQ YD**

TAPER LENGTH = 15'

LOCATION	WIDTH	AREA (SQ FT)
ROOSEVELT	44	660
BLACKSTONE (RT)	22	330
RIORDAN (RT)	19	285
RIORDAN (LT)	34	510
KOLBERG (RT)	19	285
HARRISON (LT)	29	435
VAN BUREN (RT)	18	270
JULIA (LT)	26	390
TERRY (RT)	25	375
MADISON (RT)	25	375
MADISON (LT)	26	390
VILLA (NORTH END)	29	435

TOTAL = 4740 SQ FT

CONVERT TO SQ YD:

TOTAL = 527 SQ YD

**PIPE CULVERTS, CLASS A, TYPE 1 12" FOOT**

STATION	SIDE	LENGTH
17+50	LT	17.6
19+40	LT	27.6
24+50	RT	17.6
30+20	RT	19.1
45+20	LT	19.8
47+80	LT	17.3
48+50	LT	22.0
48+50	RT	18.5

TOTAL = 159.4 FEET



REVISIONS	
NAME	DATE

VILLAGE OF VILLA PARK, ILLINOIS  
**SOUTH VILLA AVENUE  
SCHEDULE OF QUANTITIES  
SHEET 3 OF 4**

SCALE: NONE  
DATE: 11-NOV-2004

DRAWN BY: E.D.  
CHECKED BY: J.T.G.