

20100110	TREE REMOVAL (6 TO 15 UNITS)		
STATION	OFFSET	LT/RT	UNITS
111+89.66	25.84	LT	10
111+79.83	28.13	LT	12
111+64.28	28.38	LT	10
111+32.42	28.08	LT	8
110+85.22	20.88	LT	10
109+31.00	25.96	LT	12
108+75.92	27.78	LT	11
108+65.82	29.82	LT	8
108+46.34	30.02	LT	12
107+42.07	49.24	LT	8
108+45.12	35.91	LT	14
108+50.83	32.46	LT	8
108+54.57	41.96	LT	6
108+54.90	45.82	LT	10
108+99.42	46.03	LT	12
109+21.56	39.49	LT	7
109+36.20	43.81	LT	7
109+42.67	45.03	LT	7
109+88.17	47.46	LT	10
109+91.22	50.25	LT	12
110+46.70	37.13	LT	6
111+25.33	33.71	LT	8
111+21.16	36.31	LT	12
111+13.33	45.28	LT	12
111+18.48	45.38	LT	14
111+29.48	44.18	LT	8
111+23.18	45.86	LT	12
111+22.60	46.45	LT	8
111+27.94	46.9	LT	8
111+17.60	47.54	LT	10
111+15.16	47.78	LT	12
111+02.25	48.4	LT	6
111+46.97	44.66	LT	8
108+69.09	55.55	LT	10
108+61.70	55.77	LT	10
109+13.10	54.4	LT	8
112+43.27	26.67	LT	12
111+64.05	25.42	RT	12
111+31.39	20.34	RT	6
111+18.25	20.48	RT	12
110+94.37	19.6	RT	14
109+59.46	29.06	RT	12
109+11.44	25.64	RT	11
109+06.03	23.86	RT	11
108+80.43	21.45	RT	12
108+80.16	21.53	RT	12
108+60.77	21.98	RT	8
108+44.58	25.9	RT	12
104+46.67	19.21	RT	7
107+94.08	55.15	RT	12
108+59.38	44.07	RT	6
109+02.16	57.23	RT	6
109+05.07	55.48	RT	8
109+04.13	50.8	RT	12
109+08.98	50.62	RT	8
109+14.68	45.03	RT	12
109+20.54	37.07	RT	10
109+34.76	36.01	RT	6
109+67.52	39.83	RT	10
110+31.00	69	RT	13
110+52.43	32.77	RT	12
106+00.67	35.43	LT	15
TOTAL AMOUNT OF TREES			62

20100210	TREE REMOVAL (OVER 15 UNITS)		
STATION	OFFSET	LT/RT	UNITS
111+68.61	29.32	LT	20
111+50.06	27.73	LT	20
111+41.09	25.56	LT	16
110+34.73	29.11	LT	24
110+13.22	29	LT	20
107+65.95	25.97	LT	18
107+28.84	30	LT	24
106+15.15	31.98	LT	32
104+98.80	32.65	LT	52
106+52.43	31.05	LT	18
107+54.55	34.41	LT	30
108+04.44	33.06	LT	20
108+82.76	31.57	LT	20
109+17.31	33.44	LT	24
109+42.09	45.52	LT	18
110+16.42	40.59	LT	30
110+08.25	51.61	LT	30
109+29.19	25.94	RT	18
108+48.36	29	RT	18
108+42.66	43.91	RT	20
109+17.26	68.14	RT	20
109+53.91	43.92	RT	24
110+32.00	48.8	RT	40
110+80.08	50.32	RT	18
TOTAL AMOUNT OF TREES			24

TREE ROOT PRUNING	
STATION	OFFSET
108+62	56' LT
108+69	55' LT
109+13	54' LT
110+08	52' LT
111+02	48' LT
111+15	48' LT
111+18	46' LT
111+23	46' LT
111+23	49' LT
111+28	44' LT
111+47	36' LT
112+60	45' LT
112+71	30' LT
112+78	32' LT
112+89	30' LT
112+95	30' LT
113+27	30' LT
113+14	40' LT
113+17	34' LT
113+20	44' LT
113+23	49' LT
113+04	32' RT
113+17	32' RT

TREE PRUNING (1 TO 10 INCH DIAMETER)	
STATION	OFFSET
108+62	56' LT
108+69	55' LT
109+13	54' LT
110+08	52' LT
111+02	48' LT
111+15	48' LT
111+18	46' LT
111+23	46' LT
111+23	49' LT
111+28	44' LT
111+47	36' LT
112+60	45' LT
112+71	30' LT
112+78	32' LT
112+89	30' LT
112+95	30' LT
113+27	30' LT
113+14	40' LT
113+17	29' LT
113+20	30' LT
113+23	30' LT

TREE PRUNING (OVER 10 INCH DIAMETER)	
STATION	OFFSET
110+08	52' LT
111+15	48' LT
111+23	46' LT
112+71	30' LT
112+78	32' LT
112+89	30' LT
112+95	30' LT
113+27	30' LT
113+04	32' RT
113+17	32' RT

LOCATION	20200100	EXCAVATION TO BE USED IN EMBANKMENT ADJUSTED	UNDERCUT	TOPSOIL REMOVAL	EMBANKMENT	20400800	21101625	20201200
	EARTH EXCAVATION					EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) FURNISHED	TOPSOIL FURNISH AND PLACE, 6"	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL
	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD	SO YD	CU YD
STA. 102+50 TO STA. 103+00	24.11	18.08	20.37	8.61	23.03	-4.94	33.31	28.98
STA. 103+00 TO STA. 103+50	36.13	27.10	40.74	15.20	53.38	-26.28	63.86	55.94
STA. 103+50 TO STA. 104+00	24.11	18.08	40.74	16.61	67.20	-49.12	97.50	57.35
STA. 104+00 TO STA. 104+50	23.42	17.56	40.74	21.50	88.59	-71.03	147.75	62.25
STA. 104+50 TO STA. 105+00	22.63	16.97	40.74	24.25	144.75	-127.78	179.06	65.00
STA. 105+00 TO STA. 105+50	21.48	16.11	40.74	27.41	247.57	-231.47	213.36	68.15
STA. 105+50 TO STA. 106+00	14.13	10.60	40.74	30.63	366.28	-355.69	242.39	71.38
STA. 106+00 TO STA. 106+50	8.81	6.60	40.74	34.55	501.23	-494.62	277.56	75.29
STA. 106+50 TO STA. 107+00	7.64	5.73	40.74	39.68	690.41	-684.67	312.64	80.42
STA. 107+00 TO STA. 107+50	6.63	4.97	40.74	44.97	823.08	-818.11	353.72	85.71
STA. 107+50 TO STA. 108+00	22.48	16.86	40.74	50.32	847.04	-830.18	395.03	91.06
STA. 108+00 TO STA. 108+50	56.07	42.05	40.74	54.35	841.66	-799.61	423.97	95.09
STA. 108+50 TO STA. 109+00	92.04	69.03	40.74	57.24	736.05	-667.02	454.08	97.98
STA. 109+00 TO STA. 109+50	54.62	40.96	40.74	29.37	339.63	-298.66	233.78	70.11
STA. 109+50 TO STA. 110+00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
STA. 110+00 TO STA. 110+50	8.57	6.43	20.37	22.66	157.96	-151.53	0.00	43.03
STA. 110+50 TO STA. 111+00	22.97	17.23	23.49	0.00	111.54	-94.32	163.14	23.49
STA. 111+00 TO STA. 111+50	26.32	19.74	17.25	45.10	245.04	-225.30	299.67	62.35
STA. 111+50 TO STA. 112+00	28.33	21.25	40.74	41.01	147.97	-126.72	217.56	81.75
STA. 112+00 TO STA. 112+50	41.83	31.38	40.74	32.45	66.24	-34.86	88.69	73.19
STA. 112+50 TO STA. 113+00	39.67	29.75	40.74	19.24	42.26	-12.51	11.58	59.98
STA. 113+00 TO STA. 113+50	14.25	10.68	40.74	6.71	41.34	-30.66	3.92	47.45
TOTALS	596.21	447.16	774.07	621.86	6582.24	-6135.08	4212.56	1395.94

SUMMARY			
20200100	20400800	21101625	20201200
EARTH EXCAVATION	EARTHWORK BALANCE WASTE (+) OR SHORTAGE	TOPSOIL FURNISH AND PLACE, 6"	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL
CU YD	CU YD	SO YD	CU YD
600.00	6140.00	4215.00	1400.00

NOTES:  
1. 25% SHRINKAGE FACTOR USED  
2. ASSUMED 6" TOPSOIL REMOVAL  
3. ASSUMED 12" DEPTH FOR UNDERCUT AREA  
4. REMOVAL AND DISPOSAL OF UNSUITABLE MATERIALS = TOPSOIL REMOVAL + UNDERCUT

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