

TREE REMOVAL (6 TO 15 UNITS DIAMETER)				20100110
LOCATION STATION	OFFSET	LT/RT	UNITS DIAMETER	
STA. 11+40.06	21.26	LT	6.0	
STA. 11+52.76	21.57	LT	6.0	
STA. 11+63.43	20.99	LT	8.0	
STA. 12+70.62	19.62	LT	6.0	
STA. 12+87.07	20.85	LT	6.0	
STA. 13+15.72	18.36	LT	8.0	
STA. 13+73.79	26.95	LT	6.0	
STA. 13+81.87	27.08	LT	6.0	
STA. 13+90.30	27.24	LT	8.0	
STA. 13+97.84	28.50	LT	10.0	
STA. 15+02.26	25.04	LT	6.0	
STA. 15+07.61	24.01	LT	6.0	
STA. 15+13.01	23.81	LT	6.0	
STA. 15+18.20	25.79	LT	6.0	
STA. 15+91.51	26.28	LT	12.0	
STA. 16+40.55	30.74	LT	10.0	
STA. 16+46.33	30.93	LT	12.0	
STA. 16+82.73	34.51	RT	6.0	
STA. 17+33.72	31.95	RT	14.0	
STA. 17+43.31	34.31	RT	6.0	
STA. 18+74.50	30.27	RT	6.0	
STA. 100+49.94	42.87	RT	6.0	
STA. 100+59.92	44.04	RT	6.0	
STA. 115+59.72	22.21	LT	12.0	
TOTAL				184.0

TREE REMOVAL (OVER 15 UNITS DIAMETER)				20100210
LOCATION STATION	OFFSET	LT/RT	UNITS DIAMETER	
STA. 14+26.22	17.45	LT	26.0	
STA. 14+43.73	27.86	LT	25.0	
STA. 14+54.34	32.12	LT	29.0	
STA. 15+23.61	25.59	LT	30.0	
STA. 33+71.47	45.06	LT	30.0	
TOTAL				140.0

EARTHWORK SCHEDULE						
DESCRIPTION	LOCATION	LENGTH	20200100		20400800	
			EARTH EX. VOLUME (CUT)	EARTH EX. ADJUSTED FOR SHRINKAGE (SHRINKAGE FACTOR = 25%)	EMBANKMENT VOLUME (FILL)	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)
	STATION TO STATION	FOOT	CU. YD.	CU. YD.	CU. YD.	FURNISH EX. CU. YD.
COUNTY HIGHWAY #4						
	STA. 2+58.00 TO STA. 15+00.00	1242.00	1674	1256	1479	-223
	STA. 15+00.00 TO STA. 30+00.00	1500.00	2225	1669	9262	-7593
	STA. 30+00.00 TO STA. 45+00.00	1500.00	1548	1161	2189	-1028
	STA. 45+00.00 TO STA. 60+00.00	1500.00	3167	2376	2304	71
	STA. 60+00.00 TO STA. 75+00.00	1500.00	2048	1536	1706	-169
	STA. 75+00.00 TO STA. 90+00.00	1500.00	5203	3902	8376	-4474
	STA. 90+00.00 TO STA. 107+55.00	1755.00	4518	3389	792	2597
	STA. 108+05.00 TO STA. 120+00.00	1195.00	3112	2334	2099	235
	STA. 120+00.00 TO STA. 135+00.00	1500.00	3005	2254	504	1750
	STA. 135+00.00 TO STA. 150+00.00	1500.00	2291	1718	1026	692
	STA. 150+00.00 TO STA. 165+00.00	1500.00	3290	2467	844	1623
	STA. 165+00.00 TO STA. 181+50.00	1650.00	2004	1503	1478	25
SUBTOTAL			34087	25565	32058	-6493
TR 1600 E						
	SOUTH LEG STA. 1602+30.00 TO STA. 1604+75.00	245.00	266	199	243	-44
	NORTH LEG STA. 1605+25.00 TO STA. 1607+00.00	175.00	402	302	74	227
SUBTOTAL			668	501	317	184
TR 1700 E						
	SOUTH LEG STA. 1703+00.00 TO STA. 1704+50.00	150.00	196	147	41	106
	NORTH LEG STA. 1705+50.00 TO STA. 1706+50.00	100.00	260	195	23	172
SUBTOTAL			455	342	64	278
TR 1800 E						
	SOUTH LEG STA. 1802+40.00 TO STA. 1804+75.00	235.00	524	393	112	281
	NORTH LEG STA. 1805+25.00 TO STA. 1807+00.00	175.00	173	130	17	113
SUBTOTAL			697	523	129	394
* CONTINGENT QUANTITY FOR FURNISHED EXCAVATION AT LOCATIONS WHERE UNSUITABLE MATERIAL IS REMOVED AS DIRECTED BY THE ENGINEER.						1000
TOTAL			35711	26783	32527	-4637

GEOTECHNICAL FABRIC FOR GROUND STABILIZATION		21001000
LOCATION	AREA	
UNDER SUBBASE GRANULAR MATERIAL, TYPE B		4000.00
UNDER ROCK FILL		178.00
UNDER AGGREGATE BASE COURSE, TYPE A		50380.75
UNDER AGGREGATE SURFACE COURSE, TYPE B		494.36
TOTAL		55053.11

EXPLORATION TRENCH 52" DEPTH		21301052
LOCATION	LENGTH	
STA. 76+68 FIELD TILE INSTALLATION	150	
*CONTINGENT QUANTITY FOR FIELD INVESTIGATION DURING CONSTRUCTION		5050.0
TOTAL		5200.0

* CONTINGENT QUANTITIES ARE APPROXIMATE. ACTUAL QUANTITY WILL BE DETERMINED BY RESIDENT ENGINEER IN THE FIELD AT TIME OF WORK. FINAL QUANTITY MAY VARY SIGNIFICANTLY.

TRENCH BACKFILL		20800150
LOCATION	VOLUME	
STA. 76+68 FIELD TILE INSTALLATION	48	
* CONTINGENT QUANTITY FOR STORM SEWER CONSTRUCTION		552
TOTAL		600

* CONTINGENT QUANTITIES ARE APPROXIMATE. ACTUAL QUANTITY WILL BE DETERMINED BY THE RESIDENT ENGINEER IN THE FIELD AT TIME OF WORK. FINAL QUANTITY MAY VARY SIGNIFICANTLY.

REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL						20201200
LOCATION	LENGTH	WIDTH	DEPTH	VOLUME	VOLUME	
STATION TO STATION	FOOT	FOOT	FOOT	CU. FT.	CU. YD.	
UNDER THE ROADWAY						
STA. 14+00.00 TO STA. 15+00.00	100.00	24.00	2.00	4800.00	177.78	
STA. 66+00.00 TO STA. 70+00.00	400.00	24.00	2.25	21600.00	800.00	
CONTINGENT QTY UNDER THE ROADWAY	1000.00	24.00	2.00	48000.00	1777.78	
UNDER THE BOX CULVERTS						
BOX CULVERT STA. 16+98.25	97.00	40.33	1.00	3912.01	144.89	
BOX CULVERT STA. 47+59.00	68.00	22.63	1.00	1538.84	56.99	
BOX CULVERT STA. 76+68.00	108.00	9.00	1.00	972.00	36.00	
BOX CULVERT STA. 145+12.89	78.00	9.00	3.00	2106.00	78.00	
BOX CULVERT STA. 151+70.00	79.00	9.00	1.00	711.00	26.33	
*CONTINGENT QTY UNDER PIPE CULVERTS	300.00	3.00	1.00	900.00	33.33	
TOTAL						3131.11

* CONTINGENT QUANTITIES ARE APPROXIMATE. ACTUAL QUANTITY WILL BE DETERMINED BY THE RESIDENT ENGINEER IN THE FIELD AT TIME OF WORK. FINAL QUANTITY MAY VARY SIGNIFICANTLY.

POROUS GRANULAR EMBANKMENT						20700220
LOCATION	LENGTH	WIDTH	DEPTH	VOLUME	VOLUME	
STATION	FOOT	FOOT	FOOT	CU. FT.	CU. YD.	
UNDER THE BOX CULVERTS & END SECTIONS						
BOX CULVERT STA. 16+98.25	97.50	40.33	1.0	3932.18	145.64	
BOX CULVERT STA. 47+59.00	64.00	24.00	1.0	1536.00	56.89	
BOX CULVERT STA. 76+68.00	108.00	9.00	1.0	972.00	36.00	
BOX CULVERT STA. 145+12.89	78.00	9.00	0.5	351.00	13.00	
BOX CULVERT STA. 151+70.00	79.00	9.00	1.0	711.00	26.33	
* CONTINGENT QTY UNDER PIPE CULVERTS	300.00	3.00	1.0	900.00	33.33	
BACKFILL FOR BOX CULVERTS						
BOX CULVERT STA. 16+98.25				21168.00	784.00	
BOX CULVERT STA. 47+59.00				9801.00	363.00	
BOX CULVERT STA. 76+68.00				8444.25	312.75	
BOX CULVERT STA. 145+12.89				2057.40	76.20	
BOX CULVERT STA. 151+70.00				939.60	34.80	
TOTAL						1881.94

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