

TREE REMOVAL, ACRES					
STATION +/-	TO	STATION +/-	SIDE	SQ FT	ACRE
95+00.0	TO	96+28.0	LT	477.9	0.01
98+29.0	TO	99+60.0	LT	3010.0	0.07
100+38.0	TO	102+72.0	LT	3690.3	0.08
103+09.0	TO	104+05.0	LT	462.1	0.01
TOTAL					0.2

EROSION CONTROL BLANKET						
LOCATION			LENGTH	WIDTH	AREA	
STATION +/-	TO	STATION +/-	FOOT	FOOT	SQ YD	
97+50	TO	99+30	LT	180	VAR	191
97+50	TO	99+50	RT	200	VAR	166
100+40	TO	102+74	LT	234	VAR	346
100+50	TO	101+36	RT	86	VAR	100
103+02	TO	104+50	LT	148	VAR	136
TOTAL						939

EARTHWORK						
1		2		3	4	5
STATION	TO	STATION	EARTH EXCAVATION	EARTH EXCAVATION TO BE USED IN EMBANKMENT ADJUSTED FOR SHRINKAGE	EMBANKMENT	EARTHWORK BALANCE WASTE(+) OR SHORTAGE(-)
						CU YD
95+00.0	TO	104+50.0	403.0	302.3	276.0	26.3
TOTAL			403	302	276	26

SHRINKAGE FACTORS: 25%  
EARTH EXCAVATION:  
COLUMN 1, 2, 3 & 4 - LOCATION AND QUANTITIES FROM CROSS SECTIONS.  
CUT = EARTH EXCAVATION AND FILL = EMBANKMENT  
COLUMN 3 = COLUMN 2 x (1 - EARTH EXCAVATION SHRINKAGE FACTOR)  
COLUMN 5 = COLUMN 3 - COLUMN 4

PAY ITEM:  
COLUMN 2 IS EARTH EXCAVATION = 403 CU YD

TEMPORARY EROSION CONTROL SEEDING								
STATION +/-	TO	STATION +/-	SIDE	ACRES	POUNDS PER APPLICATION PER ACRE	NUMBER OF APPLICATIONS	TOTAL POUND	MULCH METHOD 2 ACRE
95+00.0	TO	104+50.0	LT & RT	0.3	100.0	4	120	0.3
TOTAL							120	0.3

MULCH METHOD 2 IS USED FOR TEMPORARY MULCHING, ONLY ONE APPLICATION OF MULCHING HAS BEEN INCLUDED. SEEDING CLASS 7 WILL BE USED FOR TEMPORARY EROSION CONTROL SEEDING.

PERIMETER EROSION BARRIER				
STATION	TO	STATION	SIDE	LENGTH FOOT
95+00.00	TO	99+50.00	LT	503
95+00.00	TO	99+50.00	RT	484
100+50.00	TO	102+51.31	LT	205
100+50.00	TO	101+25.00	RT	110
TOTAL				1302

PERIMETER EROSION BARRIER IS SILT FENCE.

TOPSOIL, SEEDING, MULCH & NUTRIENTS									
STATION +/-	TO	STATION +/-	SIDE	TOPSOIL FURNISH AND PLACE, 4"	SEEDING, CLASS 2A	MULCH, METHOD 2	NITROGEN FERTILIZER NUTRIENT	PHOSPHORUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT
				SQ YD	ACRE	ACRE	POUND	POUND	POUND
95+00.0	TO	104+50.0	LT & RT	1312.5	0.3	0.3	27.0	27.0	27.0
TOTAL				1313	0.3	0.3	27	27	27

FERTILIZER NUTRIENTS ARE FIGURED AT THE RATE OF APPLICATION OF 90 POUNDS/ACRE.

PERMANENT SURVEY MARKERS AND CONCRETE REFERENCE MARKERS				
STATION	OFFSET	DESCRIPTION	PERMANENT SURVEY MARKERS, TYPE 1	CONCRETE REFERENCE MARKER
89+83.41	CL	POT	1	3
96+96.09	CL	PC	1	•
104+68.03	CL	PT	1	•
110+97.07	CL	POT	1	3
TOTAL			4	6

• REFERENCE MARKERS SHALL BE MARKED ON TOP OF CURB.

FURNISHING AND ERECTING RIGHT-OF-WAY MARKERS			
STATION	SIDE	OFFSET FOOT	EACH
97+50.00	LT	21.85	1
97+50.00	LT	35.00	1
100+90.42	LT	35.00	1
102+51.31	LT	35.00	1
TOTAL			4

INLET AND PIPE PROTECTION				
STATION	LOCATION	SIDE	OFFSET FOOT	EACH
101+74.2	INLET	RT	22.6	1
TOTAL				1

MANHOLES TO BE ADJUSTED				
STATION	OFFSET (+/-FT)	SIDE	TYPE	EACH
102+98.20	2.5	RT	WATER	1
103+07.31	15.8	LT	WATER	1
TOTAL				2

SANITARY MANHOLES				
STATION	OFFSET (+/-)	SIDE	TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID	TO BE RECONSTRUCTED (SPECIAL)
			EACH	EACH
101+55.95	15.2	RT		1
102+85.30	9.2	RT	1	
TOTAL			1	1