EARTHWORK SCHEDULE

STATION	STATION	EARTH EXCAVATION (CU YD)	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (NOTE 1) (CU YD)	EMBANKMENT (CU YD)	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (CU YD)	FURNISHED EXCAV (CU YD)
105+50.00	118+78.00	455	342	2,776	-2,434	2,434
120+64.00	133+00.00	561	421	1,269	-848	848
TOTAL		1,016	763	4,045	-3,282	3,282

EARTHWORK NOTES:
1. ESTIMATED SHRINKAGE FACTOR = 25%.

TREE REMOVAL SCHEDULE

STATION	STATION	OFFSET	TREE REMOV ACRES (ACRE)
117+85	118+40	LT	0.25
TOTAL			0.25

PAVEMENT PATCHING SCHEDULE

STATION	LENGTH (FT)	WIDTH (FT)	ESTIMATED REMOVAL DEPTH (IN)	INCIDENTAL HMA SURF (TON)	CL B PATCH T2 10 (SQ YD)	CL B PATCH T3 10 (SQ YD)	CL B PATCH T4 10 (SQ YD)	CL B PATCH EXPAN JT (FOOT)	PAVEMENT FABRIC (SQ YD)	SAW CUTS (FOOT)	DOWEL BARS (EACH)	TIE BARS (EACH)
SOUTHBOUND DRIVING LANE												
116+03	6.0	12.0	20.0	4	8			12		48	10	10
116+86	20.0	12.0	18.0	12			27	12	27	76	10	18
118+03	6.0	12.0	15.0	2	8			12		48	10	10
118+33	6.0	12.0	14.5	2	8			12		48	10	10
118+54	10.0	12.0	14.0	3	13			12		56	10	10
120+90	6.0	12.0	14.0	2	8			12		48	10	10
121+10	6.0	12.0	14.5	2	8			12		48	10	10
122+10	6.0	12.0	17.0	3	8			12		48	10	10
122+65	15.0	12.0	18.0	9		20		12	20	66	10	10
123+10	6.0	12.0	19.5	4	8			12		48	10	10
SOUTHBOUND PASSING LANE												
116+03	6.0	12.0	20.0	4	8			12		42	10	10
116+86	20.0	12.0	18.0	12			27	12	27	56	10	19
118+03	6.0	12.0	15.0	2	8			12		42	10	10
118+33	6.0	12.0	14.5	2	8			12		42	10	10
118+54	10.0	12.0	14.0	3	13			12		46	10	10
120+90	6.0	12.0	14.0	2	8			12		42	10	10
121+10	6.0	12.0	14.5	2	8			12		42	10	10
122+10	6.0	12.0	17.0	3	8			12		42	10	10
122+65	6.0	12.0	18.0	4	8			12		42	10	10
123+10	6.0	12.0	19.5	4	8			12		42	10	10
NORTHBOUND DRIVING LANE												
116+90	6.0	12.0	18.0	4	8			12		48	10	10
117+20	6.0	12.0	17.0	3	8			12		48	10	10
117+48	6.0	12.0	16.5	3	8			12		48	10	10
118+10	25.0	12.0	15.0	9			33	12	33	86	10	22
118+28	6.0	12.0	14.5	2	8			12		48	10	10
118+50	6.0	12.0	14.0	2	8			12		48	10	10
120+85	6.0	12.0	13.5	2	8			12		48	10	10
121+05	6.0	12.0	14.0	2	8			12		48	10	10
122+05	6.0	12.0	16.5	3	8			12		48	10	10
122+42	6.0	12.0	17.5	3	8			12		48	10	10
123+05	25.0	12.0	19.0	17			33	12	33	86	10	22
NORTHBOUND PASSING LANE												
116+90	6.0	12.0	18.0	4	8			12		42	10	10
117+20	6.0	12.0	17.0	3	8			12		42	10	10
117+48	6.0	12.0	16.5	3	8			12		42	10	10
117+97	6.0	12.0	15.0	2	8			12		48	10	10
118+28	6.0	12.0	14.5	2	8			12		42	10	10
118+50	6.0	12.0	14.0	2	8			12		42	10	10
120+85	6.0	12.0	13.5	2	8			12		42	10	10
121+05	6.0	12.0	14.0	2	8			12		42	10	10
122+05	6.0	12.0	16.5	3	8			12		42	10	10
122+42	6.0	12.0	17.5	3	8			12		42	10	10
123+05	25.0	12.0	19.0	17			33	12	33	61	10	22
TOTAL				174	298	20	153	504	173	2,063	420	473

PAVEMENT PATCHING NOTES:
1. INCIDENTAL HMA SURF QUANTITY WAS CALCULATED ASSUMING THE THICKNESS IS EQUAL TO THE EXISTING OVERLAY THICKNESS.

SURVEY MARKER SCHEDULE

STATION (NOTE 1)	OFFSET (NOTE 1)	SURVEY POINT DESCRIPTION	PERM SURV MKRS (EACH)
± 118+79	± 63' RT	BRASS DISK	1
± 120+62	± 63' LT	BRASS DISK	1
TOTAL			2

SURVEY MARKER NOTES:
1. EXACT LOCATION OF PERM SURV MKRS TO BE DETERMINED BY ENGINEER.

BARRIER SCHEDULE

STATION	STATION	PROTECTIVE COAT (SQ YD)	CONC BAR 2F 42HT (FOOT)	BARRIER WALL MARKERS (EACH)	ATTENUATOR BASE (SQ YD)	IMP ATTEN FRD WID TL3 (EACH)
107+90.00	118+34.12	996	1,044	14		1
118+34.12	118+48.93	14	15	2		
120+93.43	121+08.08	14	15	2		
121+08.08	131+50.00	994	1,042	14	47	1
TOTAL		2,018	2,116	32	47	2

STORM SEWER SCHEDULE

STATION	STATION	POROUS GRAN BACKFILL (CU YD)	REM EXIST CULVERTS (FOOT)	STORM SEW CL A 1 15 (FOOT)
107+43	107+97	5	54	
108+00	110+50	85		250
110+50	113+00	65		250
126+50	128+50	56		200
128+50	130+50	75		200
130+50	131+25	28		75
TOTAL		314	54	975

INLET SCHEDULE

STATION	OFFSET	DR STR T5 W/2 T22F&G (EACH)	REMOV INLETS (EACH)
• 108+00	CL	1	1
110+50	CL	1	
113+00	CL	1	
126+50	CL	1	
128+50	CL	1	
• 130+50	CL	1	1
131+25	CL	1	
TOTAL		7	2

•NOTE: CONNECT EXISTING 24" RCP TO PROPOSED DR STR T5 W/2 T22 F&G.

EROSION CONTROL SCHEDULE

STATION	STATION	LOCATION	EROSION CONTR BLANKET (SQ YD)	TEMP DITCH CHECKS (EACH)	PERIMETER EROS BAR (FOOT)	INLET & PIPE PROTECT (EACH)	STONE RIPRAP CL A3 (SQ YD)	FILTER FABRIC (SQ YD)
105+50	119+14	LT			1,480			
105+50	119+14	RT			1,478			
106+50	107+00	LT & RT	231					
108+00	-	CL				2		
110+50	-	CL				2		
113+00	-	CL				2		
114+50	118+80	LT	1,959					
114+50	118+80	RT	1,004					
118+47	-	LT & RT					8	8
118+70	-	LT		1				
119+05	-	RT		1				
120+13	133+00	LT			1,388			
120+13	133+00	RT			1,381			
120+35	-	LT & RT		2				
120+63	121+50	LT	133					
120+63	121+50	RT	136					
126+50	-	CL				2		
128+50	-	CL				2		
130+50	-	CL				2		
131+25	-	CL				2		
131+50	132+30	LT & RT	331					
TOTAL			3,794	4	5,727	14	8	8

GUARDRAIL REMOVAL/REPLACEMENT

STATION	STATION	SPBGR TY A (FOOT)	TRAF BAR TERM T2 (EACH)	TRAF BAR TERM T5 (EACH)	TRAF BAR TERM T6 (EACH)	TR BAR TRM T1 SPL TAN (EACH)	GUARDRAIL REMOV (FOOT)	GUARDRAIL MKR TYPE B (NOTE 1) (EACH)
LT 105+50	LT 118+74						1,324	
RT 105+50	RT 118+76						1,638	
LT 120+69	LT 130+46						1,239	
LT 105+50.00	LT 118+64.26	1,325.0						
LT 118+64.26	LT 118+78.93			1				
RT 105+50.00	RT 118+35.78	1,287.5						
RT 118+35.78	RT 118+78.93				1			
LT 120+63.43	LT 121+06.58				1			
LT 121+06.58	LT 131+56.58	1,050.0						
LT 131+56.58	LT 132+06.58					1		
RT 120+63.43	RT 120+78.10			1				
RT 120+78.10	RT 127+90.60	712.5						
RT 127+90.60	RT 128+03.10		1					
LT 105+50	LT 132+07							32
RT 105+50	RT 128+03							27
TOTAL		4,375.0	1	2	2	1	4,201	59

GUARDRAIL NOTES:
1. ALL GUARDRAIL MKR TYPE B ARE SILVER MONODIRECTIONAL.