



STEEL PLATE BEAM GUARD RAIL, TYPE A, 6 FOOT POSTS		
HONONEGAH ROAD		
STA	OFFSET	SPBGR TY A 6FT POSTS (FT)
106+37.8 to 107+25.3	Lt	87.5
105+76.8 to 107+38.5	Rt	162.5
109+42.5 to 110+67.5	Lt	125.0
109+14.8 to 110+02.3	Rt	87.5
Total		462.5
TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT		
HONONEGAH ROAD		
STA	OFFSET	TR BAR TRM T1 SPL TAN (EA)
106+48.5 to 106+73.5	Lt	1.0
105+50.8 to 105+75.8	Rt	1.0
110+65.2 to 110+87.2	Lt	1.0
110+01.6 to 110+26.6	Rt	1.0
Total		4.0
TRAFFIC BARRIER TERMINAL, TYPE 5R		
HONONEGAH ROAD		
STA	OFFSET	TRAF BAR TERM T5R (EA)
107+61.3 to 107+73.8	Lt	1.0
107+38.5 to 107+51	Rt	1.0
109+30 to 109+42.5	Lt	1.0
109+02.3 to 109+14.8	Rt	1.0
Total		4.0
GUARDRAIL REMOVAL		
HONONEGAH ROAD		
STA	OFFSET	GUARDRAIL REMOV (FT)
106+48.5 to 107+73.8	Lt	125.0
105+50.8 to 107+51	Rt	200.0
109+30 to 110+87.2	Lt	162.5
109+02.3 to 110+26.6	Rt	125.0
Total		612.5
TERMINAL MARKER - DIRECT APPLIED		
HONONEGAH ROAD		
STA	OFFSET	TERMINAL MARKER - DA (EA)
106+48	Lt	1.0
105+50	Rt	1.0
110+87.2	Lt	1.0
110+26.6	Rt	1.0
Total		4.0
BIDIRECTIONAL GUARD RAIL REFLECTORS		
HONONEGAH ROAD		
STA	OFFSET	BIDIRECT GDRL REFL (EA)
106+48.5 to 107+73.8	Lt	3.0
105+50.8 to 107+51	Rt	4.0
109+30 to 110+87.2	Lt	3.0
109+02.3 to 110+26.6	Rt	3.0
Total		13.0

SIGN PANELS & POSTS								
HONONEGAH ROAD								
STA	O/S	SIGN PANEL	SIGN PANEL T1 (SF)		SIGN PANEL T2 (SF)		METAL POST TY B (EA)	
			SLATS	RMAP	SLATS	RMAP	SLATS	RMAP
51+85	Rt	R1-1 (30"x30")	6.25				1	
55+02	Lt	R1-1 (30"x30")	6.25				1	
64+00	Rt	R3-9b (24"x36")	6.00				1	
67+00	Lt	R1-1 (30"x30")	6.25				1	
69+08	Rt	R1-1 (30"x30")	6.25				1	
72+00	Rt	R3-9b (24"x36")	6.00				1	
72+00	Lt	R3-9b (24"x36")	6.00				1	
74+82	Lt	R1-1 (30"x30")	6.25				1	
80+00	Rt	R3-9b (24"x36")	6.00				1	
80+00	Lt	R3-9b (24"x36")	6.00				1	
82+82	Rt	R1-1 (30"x30")	6.25				1	
87+67	Lt	R1-1 (30"x30")	6.25				1	
88+50	Rt	R3-9b (24"x36")	6.00				1	
88+50	Lt	R3-9b (24"x36")	6.00				1	
95+36	Lt	R1-1 (30"x30")	6.25				1	
96+00	Lt	R3-9b (24"x36")	6.00				1	
98+78	Rt	R1-1 (30"x30")	6.25				1	
101+34	Lt	R10-12 (24"x30") - Mast Arm Mount	5.00					
101+34	Lt	D3-1 (30"x96") - Mast Arm Mount			20			
101+34	Lt	D3-1 (30"x96") - Mast Arm Mount			20			
101+34	Lt	D3-1 (30"x96") - Mast Arm Mount			20			
119+36	Rt	R1-1 (30"x30")	6.25				1	
119+40	Lt	R1-1 (30"x30")	6.25				1	
121+00	Rt	R3-9b (24"x36")	6.00				1	
121+00	Lt	R3-9b (24"x36")	6.00				1	
127+68	Rt	R1-1 (30"x30")	6.25				1	
128+50	Rt	R3-9b (24"x36")	6.00				1	
128+50	Lt	R3-9b (24"x36")	6.00				1	
131+87	Lt	R1-1 (30"x30")	6.25				1	
132+04	Rt	R1-1 (30"x30")	6.25				1	
133+00	Rt	R3-9b (24"x36")	6.00				1	
133+00	Lt	R3-9b (24"x36")	6.00				1	
139+46	Rt	R1-1 (30"x30")	6.25				1	
Total			109.25	73.50	60.00	0.00	17.00	12.00

MULTI-USE PATH SEAL COAT (SY)			
HONONEGAH ROAD			
STA	O/S	SLATS	
		M-U PATH SEAL COAT (SY)	M-U PATH SEAL COAT (SY)
51+25 to 114+00	Rt	7,130.00	
114+00 to 140+00	Rt		3,165.00
Total		7,130.00	3,165.00

TREE REMOVAL ACRES			
HONONEGAH ROAD			
STA	O/S	SLATS	
		UNIT (AC)	UNIT (AC)
101+00 to 107+00	Rt	0.47	
Total		0.47	0.00

STONE DUMPED RIPRAP, CLASS A2 (SY)				
HONONEGAH ROAD				
STA	SLATS	RMAP	SLATS	
			STONE DUMP RIP CL A2 (SY)	FILTER FABRIC (SY)
99+24 Rt		10.0		10.0
102+92 Lt		10.0		10.0
110+91 Rt		10.0		10.0
111+10 Lt		10.0		10.0
Total		40.0	0.0	40.0

SHORT-TERM PAVEMENT MARKING (FT)						
TEMPORARY PAVEMENT MARKING LINE 4"(FT)						
WORK ZONE PAVEMENT MARKING REMOVAL (SF)						
HONONEGAH ROAD	SHORT-TERM PAVT MKING (FT)		TEMP PT PVT M LINE 4 (FT)		WORK ZONE PAVT MK REM (SF)	
	SLATS	RMAP	SLATS	RMAP	SLATS	RMAP
51+31 TO 114+00		1,255.0		18,807.0		420.0
114+00 TO 140+07			522.0		7,821.0	175.0
Total		1,255.0	522.0	18,807.0	7,821.0	175.0

AGGREGATE SHOULDERS, TYPE B			
HONONEGAH ROAD			
STA	SLATS	RMAPS	
		AGGREGATE SHOULDERS, TYPE B (TON)	AGGREGATE SHOULDERS, TYPE B (TON)
51+30 to 55+02 (LT)		84.6	
51+30 to 51+85 (RT)		8.8	
51+85 to 69+08 (RT)		397.8	
55+02 to 67+00 (LT)		275.0	
67+00 to 70+62 (LT)		78.1	
69+08 to 82+81 (RT)		305.1	
70+62 to 72+95 (LT)		38.7	
72+95 to 74+82 (RT)		29.6	
82+81 to 86+13 (RT)		65.6	
86+13 to 88+69 (RT)		47.0	
88+69 to 90+74 (RT)		35.6	
90+74 to 91+89 (RT)		12.5	
91+89 to 93+52 (RT)		24.0	
93+52 to 95+09 (RT)		22.5	
96+92 to 98+79 (RT)		57.4	
98+79 to 107+37 (RT)		1,359.1	
101+34 to 107+63 (LT)		177.1	
109+19 to 111+24 (RT)		53.8	
109+29 to 111+41 (LT)		103.1	
116+00 to 119+35 (RT)			75.3
119+39 to 122+67 (RT)			23.8
122+67 to 125+42 (RT)			48.8
125+42 to 127+67 (RT)			45.5
127+67 to 132+04 (RT)			93.9
131+87 to 140+63 (LT)			231.2
132+04 to 134+03 (RT)			31.4
134+03 to 140+10 (RT)			92.8
Sub-Total		3,173.3	642.6
DORR ROAD			
STA	SLATS	AGGREGATE SHOULDERS, TYPE B (TON)	AGGREGATE SHOULDERS, TYPE B (TON)
21+67 to 22+50 (LT)		17.3	
Sub-Total		17.3	0.0
McCURRY ROAD			
STA	SLATS	AGGREGATE SHOULDERS, TYPE B (TON)	AGGREGATE SHOULDERS, TYPE B (TON)
10+64 to 13+51 (LT)			67.3
Sub-Total			67.3
TOTAL		3,190.6	709.9

HOT-MIX ASPHALT SHOULDERS, 8"			
HONONEGAH ROAD			
STA	SLATS	RMAP	
		HMA SHOULDERS 8" (SY)	HMA SHOULDERS 8" (SY)
74+82 to 77+22 (LT)			139.7
77+22 to 78+95 (LT)			87.3
78+95 to 79+54 (LT)			14.3
79+54 to 80+91 (LT)			72.3
80+91 to 82+65 (LT)			86.0
83+18 to 85+85 (LT)			153.3
86+28 to 87+62 (LT)			77.0
87+62 to 90+72 (LT)			189.7
90+74 to 91+74 (LT)			39.0
92+14 to 95+36 (LT)			217.3
95+36 to 97+35 (LT)			122.7
97+35 to 98+32 (LT)			28.3
98+32 to 101+34 (LT)			214.3
101+34 to 102+13 (LT)			32.7
114+97 to 115+75 (LT)			36.0
115+75 to 117+37 (LT)			77.7
117+37 to 119+39 (LT)			117.7
119+35 to 121+45 (LT)			119.7
121+45 to 122+45 (LT)			42.3
122+45 to 123+49 (LT)			44.0
123+49 to 124+45 (LT)			38.7
124+45 to 125+51 (LT)			45.7
125+51 to 126+42 (LT)			35.7
126+42 to 127+56 (LT)			52.0
127+56 to 129+24 (LT)			87.7
129+24 to 130+48 (LT)			57.0
130+48 to 131+87 (LT)			81.0
Sub-Total		1,474.0	835.0
McCURRY ROAD			
STA	SLATS	HMA SHOULDERS 8" (SY)	HMA SHOULDERS 8" (SY)
21+73 to 22+50 (LT)			36.3
Sub-Total		0.0	36.3
Total		1,474.0	871.3

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SANITARY MANHOLES TO BE ADJUSTED					
HONONEGAH ROAD					
STA	O/S	EX. RIM ELEV.	NEEDED ADJ (INCHES)	SLATS	
				SAN MANHOLE ADJ (EA)	SAN MANHOLE ADJ (EA)
138+45.62	-33.12	754.21	-10		1.0
127+30.43	-26.18	757.96	13		1.0
118+84.92	-29.81	757.63	-12		1.0
Total					3.0