



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" x 30")	6.25				1	
55+02	Lt	R1-1 (30" x 30")	6.25				1	
64+00	Rt	R3-9b (24" x 36")	6.00				1	
67+00	Lt	R1-1 (30" x 30")	6.25				1	
69+08	Rt	R1-1 (30" x 30")	6.25				1	
72+00	Rt	R3-9b (24" x 36")	6.00				1	
72+00	Lt	R3-9b (24" x 36")	6.00				1	
74+82	Lt	R1-1 (30" x 30")	6.25				1	
80+00	Rt	R3-9b (24" x 36")	6.00				1	
80+00	Lt	R3-9b (24" x 36")	6.00				1	
82+82	Rt	R1-1 (30" x 30")	6.25				1	
87+67	Lt	R1-1 (30" x 30")	6.25				1	
88+50	Rt	R3-9b (24" x 36")	6.00				1	
88+50	Lt	R3-9b (24" x 36")	6.00				1	
95+36	Lt	R1-1 (30" x 30")	6.25				1	
96+00	Lt	R3-9b (24" x 36")	6.00				1	
98+78	Rt	R1-1 (30" x 30")	6.25				1	
101+34	Lt	R10-12 (24" x 30") - Mast Arm Mount	5.00					
101+34	Lt	D3-1 (30" x 96") - Mast Arm Mount			20			
101+34	Lt	D3-1 (30" x 96") - Mast Arm Mount			20			
101+34	Lt	D3-1 (30" x 96") - Mast Arm Mount			20			
119+36	Rt	R1-1 (30" x 30")		6.25				1
119+40	Lt	R1-1 (30" x 30")		6.25				1
121+00	Rt	R3-9b (24" x 36")		6.00				1
121+00	Lt	R3-9b (24" x 36")		6.00				1
127+68	Rt	R1-1 (30" x 30")		6.25				1
128+50	Rt	R3-9b (24" x 36")		6.00				1
128+50	Lt	R3-9b (24" x 36")		6.00				1
131+87	Lt	R1-1 (30" x 30")		6.25				1
132+04	Rt	R1-1 (30" x 30")		6.25				1
133+00	Rt	R3-9b (24" x 36")		6.00				1
133+00	Lt	R3-9b (24" x 36")		6.00				1
139+46	Rt	R1-1 (30" x 30")		6.25				1
Total			109.25	73.50	60.00	0.00	17.00	12.00

MULTI-USE PATH SEAL COAT (SY)

HONONEGAH ROAD		SLATS	RMAPS
STA	O/S	M-U PATH SEAL COAT (SY)	M-U PATH SEAL COAT (SY)
51+25 to 114+00 MULTI-USE PATH	Rt	22,433.00	
114+00 to 140+00 MULTI-USE PATH	Rt		9,538.00
Total		22,433.00	9,538.00

TREE REMOVAL, ACRES

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

STONE DUMPED RIPRAP, CLASS A2 (SY)

FILTER FABRIC (SY)

HONONEGAH ROAD		SLATS	RMAP	SLATS	RMAP
STA		STONE DUMP RIP CL A2 (SY)	STONE DUMP RIP CL A2 (SY)	FILTER FABRIC (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	0.0

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)	
STA		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	420.0	175.0

AGGREGATE SHOULDERS, TYPE B

HONONEGAH ROAD		SLATS	RMAPS
STA		AGGREGATE SHOULDERS, TYPE B (TON)	AGGREGATE SHOULDERS, TYPE B (TON)
51+30 to 55+02 (LT)		253.8	
51+30 to 51+85 (RT)		26.3	
51+85 to 69+08 (RT)		1,193.5	
55+02 to 67+00 (LT)		825.0	
67+00 to 70+62 (LT)		234.2	
69+08 to 82+81 (RT)		915.3	
70+62 to 72+95 (LT)		116.2	
72+95 to 74+82 (RT)		88.9	
82+81 to 86+13 (RT)		196.7	
86+13 to 88+69 (RT)		141.1	
88+69 to 90+74 (RT)		100.8	
90+74 to 91+89 (RT)		37.5	
91+89 to 93+52 (RT)		72.1	
93+52 to 95+09 (RT)		67.6	
96+92 to 98+79 (RT)		172.2	
98+79 to 107+37 (RT)		4,077.2	
101+34 to 107+63 (LT)		531.3	
109+19 to 111+24 (RT)		161.4	
109+29 to 111+41 (LT)		309.4	
116+00 to 119+35 (RT)			225.8
119+39 to 122+67 (RT)			71.4
122+67 to 125+42 (RT)			146.3
125+42 to 127+67 (RT)			136.5
127+67 to 132+04 (RT)			281.8
131+87 to 140+63 (LT)			693.7
132+04 to 134+03 (RT)			94.2
134+03 to 140+10 (RT)			278.3
Sub-Total		9,520.0	1,927.8

DORR ROAD		
STA	AGGREGATE SHOULDERS, TYPE B (TON)	AGGREGATE SHOULDERS, TYPE B (TON)
21+67 to 22+50 (LT)	51.8	
Sub-Total		51.8

McCURRY ROAD		
STA	AGGREGATE SHOULDERS, TYPE B (TON)	AGGREGATE SHOULDERS, TYPE B (TON)
10+64 to 13+51 (LT)		202.0
Sub-Total		202.0
TOTAL		9,571.8
		2,129.8

HOT-MIX ASPHALT SHOULDERS, 8"

HONONEGAH ROAD		SLATS	RMAP
STA		HMA SHOULDERS 8" (SY)	HMA SHOULDERS 8" (SY)
74+82 to 77+22 (LT)		419.0	
77+22 to 78+95 (LT)		262.0	
78+95 to 79+54 (LT)		43.0	
79+54 to 80+91 (LT)		217.0	
80+91 to 82+65 (LT)		258.0	
83+18 to 85+85 (LT)		460.0	
86+28 to 87+62 (LT)		231.0	
87+62 to 90+72 (LT)		569.0	
90+74 to 91+74 (LT)		117.0	
92+14 to 95+36 (LT)		652.0	
95+36 to 97+35 (LT)		368.0	
97+35 to 98+32 (LT)		85.0	
98+32 to 101+34 (LT)		643.0	
101+34 to 102+13 (LT)		98.0	
114+97 to 115+75 (LT)			108.0
115+75 to 117+37 (LT)			233.0
117+37 to 119+39 (LT)			353.0
119+35 to 121+45 (LT)			359.0
121+45 to 122+45 (LT)			127.0
122+45 to 123+49 (LT)			132.0
123+49 to 124+45 (LT)			116.0
124+45 to 125+51 (LT)			137.0
125+51 to 126+42 (LT)			107.0
126+42 to 127+56 (LT)			156.0
127+56 to 129+24 (LT)			263.0
129+24 to 130+48 (LT)			171.0
130+48 to 131+87 (LT)			243.0
Sub-Total		4,422.0	2,505.0

McCURRY ROAD		
STA	HMA SHOULDERS 8" (SY)	HMA SHOULDERS 8" (SY)
21+73 to 22+50 (LT)		109.0
Sub-Total		0.0
Total		4,422.0
		2,614.0

Revised
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SANITARY MANHOLES TO BE ADJUSTED

HONONEGAH ROAD		SLATS	RMAP
STA	O/S	EX. RIM ELEV.	NEEDED ADJ (INCHES)
138+45.62	-33.12	754.21	-10
127+30.43	-26.18	757.96	13
118+84.92	-29.81	757.63	-12
Total			3.0