

AGGREGATE BASE COURSE, TYPE B

HONONEGAH ROAD		
STA	SLATS AGG BASE CSE B (TON)	RMAPS AGG BASE CSE B (TON)
61+48 to 66+58 (Lt)	277.6	
66+58 to 67+38 (Lt)	44.0	
67+38 to 74+38 (Lt)	649.6	
74+38 to 75+55 (Lt)	82.4	
75+55 to 87+40 (Lt)	978.6	
87+40 to 87+88 (Lt)	38.1	
87+88 to 95+03 (Lt)	632.4	
95+03 to 95+75 (Lt)	56.8	
95+75 to 100+77 (Lt)	661.8	
102+28 to 105+23 (Lt)	174.6	
109+38 to 113+98 (Lt)	476.7	
113+98 to 114+96 (Lt)		72.3
114+96 to 119+09 (Lt)		353.7
119+09 to 119+66 (Lt)		46.6
119+66 to 131+70 (Lt)		1,031.5
131+70 to 132+04 (Lt)		27.5
132+04 to 135+02 (Lt)		248.1
61+48 to 69+07 (Rt)	245.4	
69+07 to 69+72 (Rt)	21.9	
69+72 to 82+49 (Rt)	457.6	
82+49 to 83+09 (Rt)	20.2	
83+09 to 98+34 (Rt)	535.8	
98+34 to 99+25 (Rt)	30.1	
99+25 to 107+35 (Rt)	215.3	
110+32 to 118+92 (Rt)		484.1
118+92 to 119+67 (Rt)		23.8
119+67 to 127+31 (Rt)		282.2
127+31 to 128+06 (Rt)		25.0
128+06 to 131+54 (Rt)		132.7
131+54 to 132+38 (Rt)		26.2
132+38 to 139+84 (Rt)		278.1
Sub-Total	5,598.7	3,031.9

EARTH EXCAVATION				
HONONEGAH ROAD				
STA	CUT (CY)	FILL (CY)	CUT (CY)	FILL (CY)
51+30.61 to 114+00	5,358.0	2,332.0		
114+00 to 140+00			2,811.0	993.0
Excav. Sub-Total	5,358.0	2,332.0	2,811.0	993.0

HONONEGAH ROAD		
STA	SLATS HMA BASE CSE 7" (SY)	RMAPS HMA BASE CSE 7" (SY)
61+48 to 66+58 (Lt)	333.9	
66+58 to 67+38 (Lt)	62.9	
67+38 to 74+38 (Lt)	838.0	
74+38 to 75+55 (Lt)	107.4	
75+55 to 87+40 (Lt)	1,262.1	
87+40 to 87+88 (Lt)	54.4	
87+88 to 95+03 (Lt)	814.6	
95+03 to 95+75 (Lt)	81.1	
95+75 to 100+77 (Lt)	850.7	
102+28 to 105+23 (Lt)	227.9	
109+38 to 113+98 (Lt)	489.4	
113+98 to 114+96 (Lt)		103.3
114+96 to 119+09 (Lt)		452.3
119+09 to 119+66 (Lt)		66.5
119+66 to 131+70 (Lt)		1,332.4
131+70 to 132+04 (Lt)		39.3
132+04 to 135+02 (Lt)		318.6
61+48 to 69+07 (Rt)	263.1	
69+07 to 69+72 (Rt)	31.2	
69+72 to 82+49 (Rt)	504.8	
82+49 to 83+09 (Rt)	28.9	
83+09 to 98+34 (Rt)	589.5	
98+34 to 99+25 (Rt)	43.0	
99+25 to 107+35 (Rt)	214.2	
110+32 to 118+92 (Rt)		393.9
118+92 to 119+67 (Rt)		34.0
119+67 to 127+31 (Rt)		308.0
127+31 to 128+06 (Rt)		35.6
128+06 to 131+54 (Rt)		141.2
131+54 to 132+38 (Rt)		37.4
132+38 to 139+84 (Rt)		311.5
Sub-Total	6,797.1	3,574.1

REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL		
HONONEGAH ROAD		
STA	REM & DISP UNS MATL (CY)	REM & DISP UNS MATL (CY)
Contingency	1,000.0	300.0
Sub-Total	1,000.0	300.0

BITUMINOUS MATERIALS (PRIME COAT)							
HONONEGAH ROAD							
STA	AREA (SY)	RATE (GAL/SY)	DENSITY (LB/GAL)	NUMBER APPLICATIONS	BIT MATLS PR CT (GAL)	BIT MATLS PR CT (TONS)	BIT MATLS PR CT (TONS)
51+25 to 114+00	21,194.6	0.06	8.40	2	2,543.3	10.7	
114+00 to 140+00	10,954.0	0.06	8.40	2	1,314.5		5.5
Sub-Total					3,857.8	10.7	5.5

HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT (SY)				
HONONEGAH ROAD				
STA	O/S	TYPE	HMA SURF REM BUTT JT (SY)	HMA SURF REM BUTT JT (SY)
51+30.61	N/A	MAINLINE		72.2
140+09	N/A	MAINLINE		105.6
107+33	N/A	MAINLINE		72.2
109+10	N/A	MAINLINE		72.2
51 to 114	N/A	SIDE STREET (9)		75.0
114 to 140	N/A	SIDE STREET (5)		41.7
51 to 114	N/A	P.E.(23)		115.0
114 to 140	N/A	P.E.(15)		75.0
Sub-Total			406.7	222.2

TEMPORARY RAMP				
HONONEGAH ROAD				
STA	O/S	TYPE	TEMP RAMP (SY)	TEMP RAMP (SY)
51+30.61	N/A	MAINLINE	14.4	
140+09	N/A	MAINLINE		21.1
107+33	N/A	MAINLINE	14.4	
109+10	N/A	MAINLINE	14.4	
51 to 114	N/A	SIDE STREET (9)	75.0	
114 to 140	N/A	SIDE STREET (5)		75.0
51 to 114	N/A	P.E.(23)	0.0	
114 to 140	N/A	P.E.(15)		0.0
Sub-Total			118.3	96.1

HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50		
HONONEGAH ROAD		
STA	HMA BC IL-19.0 N50 (TON)	HMA BC IL-19.0 N50 (TON)
51+25 to 114+00	1523.4	
114+00 to 140+00		787.3
Sub-Total	1,523.4	787.3

AGGREGATE (PRIME COAT)					
HONONEGAH ROAD					
STA	AREA (SY)	RATE (LB/SY)	NUMBER APPLICATIONS	AGG PR CT (TONS)	AGG PR CT (TONS)
52+25 to 114+00	21,194.6	2.00	2	42.4	
114+00 to 140+00	10,954.0	2.00	2		21.9
Sub-Total				42.4	21.9

LEVELING BINDER (MACHINE METHOD), N50			
HONONEGAH ROAD			
STA	LEV BIND MM N50 (TON)	LEV BIND MM N50 (TON)	
51+25 to 114+00	2,501.0		
114+00 to 140+00		1,292.6	
Sub-Total	2,501.0	1,292.6	

INCIDENTAL BITUMINOUS SURFACING (TONS)				
HONONEGAH ROAD				
STA	O/S	TYPE	INCIDENTAL BIT SURF (TONS)	INCIDENTAL BIT SURF (TONS)
51+85.4	Rt	STREET	28.9	
55+02.8	Lt	STREET	31.6	
67+00.4	Lt	STREET	33.6	
69+38	Rt	STREET	24.8	
70+62	Lt	P.E.	14.1	
72+95	Lt	P.E.	15.1	
74+82	Lt	STREET	44.2	
77+22	Lt	P.E.	6.9	
78+95	Lt	P.E.	8.0	
79+54	Lt	P.E.	6.4	
80+91	Lt	P.E.	7.2	
82+65	Lt	P.E.	9.6	
82+81.6	Rt	STREET	28.6	
83+18	Lt	P.E.	7.3	
85+85	Lt	P.E.	7.0	
86+13	Rt	P.E.	8.4	
86+28	Lt	P.E.	6.1	
87+67.2	Lt	STREET	33.9	
88+69	Rt	P.E.	10.6	
90+79	Lt	P.E.	5.9	
90+74	Rt	P.E.	13.4	
91+74	Lt	P.E.	5.9	
91+89	Rt	P.E.	10.6	
92+14	Lt	P.E.	6.5	
93+52	Rt	P.E.	11.3	
95+09	Rt	P.E.	14.2	
95+35.9	Lt	STREET	39.9	
95+92	Rt	P.E.	11.0	
97+35	Lt	P.E.	16.8	
98+32	Lt	P.E.	16.7	
98+78	Rt	STREET	34.2	
113+99	Rt	P.E.	13.5	
115+75	Lt	P.E.		10.6
117+37	Lt	P.E.		9.7
119+35.8	Rt	STREET		39.9
119+35.9	Lt	STREET		39.9
121+45	Lt	P.E.		7.1
122+45	Lt	P.E.		7.5
122+67	Rt	P.E.		12.3
123+49	Lt	P.E.		8.7
124+45	Lt	P.E.		7.5
125+42	Rt	P.E.		10.2
125+51	Lt	P.E.		8.6
126+42	Lt	P.E.		7.6
127+56	Lt	P.E.		7.2
127+67.5	Rt	STREET		29.7
129+24	Lt	P.E.		7.4
130+48	Lt	P.E.		8.0
131+87.2	Lt	STREET		22.9
132+04.3	Rt	STREET		25.0
134+03	Rt	P.E.		11.9
140+63	Lt	P.E.		17.1

MULTI-USE PATH WIDEN			
STA	LEV BIND MM N50 (TON)		
63+50 to 68+85 (Rt)		13.7	
69+85 to 78+25 (Rt)		21.5	
83+25 to 84+50 (Rt)		3.2	
128+17 to 131+45 (Rt)			8.4
135+25 to 140+50 (Rt)			13.4
Total	570.4		320.7