TENNESSEE

2007 ESTIMATE
OF THE COST TO COMPLETE
THE APPALACHIAN DEVELOPMENT HIGHWAY SYSTEM
IN THE STATE OF TENNESSEE

May 2007
(Data as of September 30, 2006)

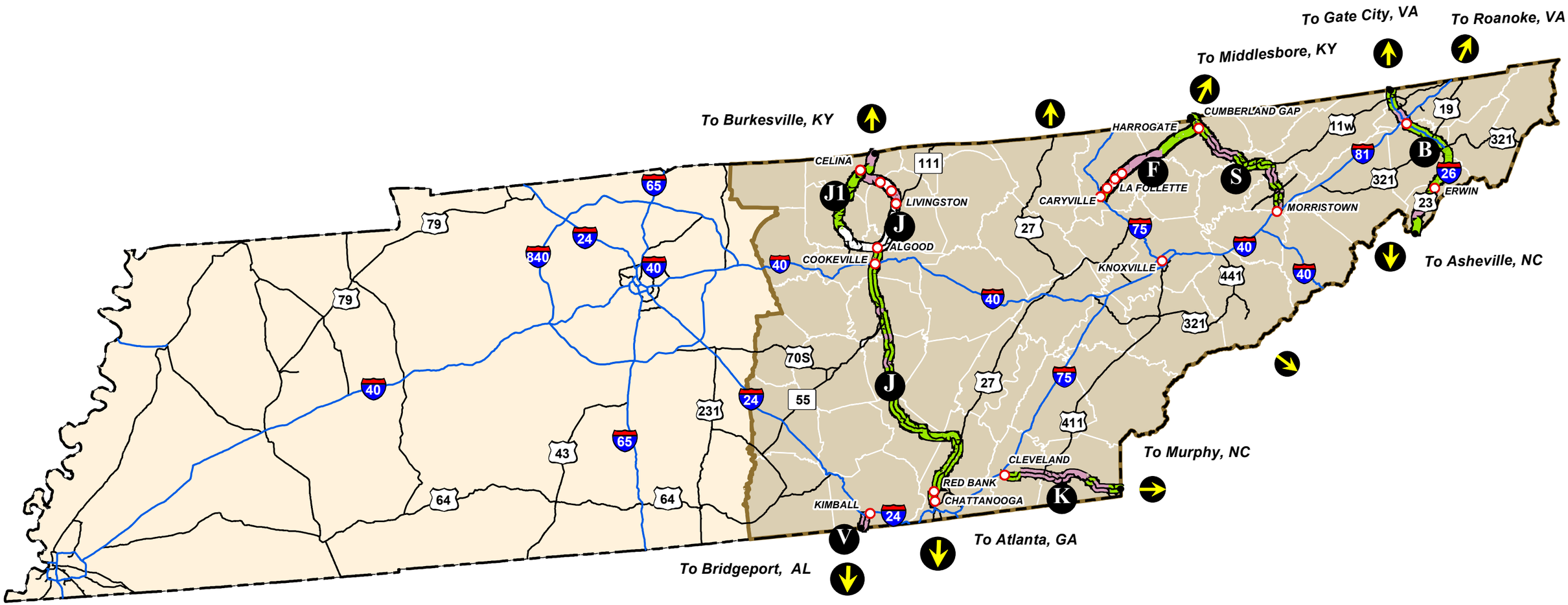
Prepared by the Tennessee Department of Transportation

In Cooperation with the

U.S. Department of Transportation
Federal Highway Administration
Appalachian Regional Commission
and the
Nick J. Rahall, II Appalachian Transportation Institute

TENNESSEE PORTION OF APPALACHIAN DEVELOPMENT HIGHWAY SYSTEM

STATE OF TENNESSEE



LEGEND FOR APPALACHIAN ROUTES

ADHS Route Status
- Complete
- To be Completed
- Nonparticipating

- Interstate System
- Other NHS Route

- Named Control Point
- State Line Control Point
- ARC Region

N

0 15 30 60 Miles

Lambert Conformal Conic regional projection
based on parallels 33 N and 45 N,
central meridian 96 W

This 2007 Estimate of the Cost of Completing the Appalachian Development Highway System in the State of **Tennessee** as of September 30, 2006 was prepared in accordance with the 2007 ADHS Cost Estimate Guidelines and Software Instruction Manual by the **Tennessee** Department of Transportation in cooperation with the Federal Highway Administration and the Appalachian Regional Commission.

It is the State's full intention to construct all of the Appalachian Development Highway System corridors herein and to the standards indicated in this Estimate.

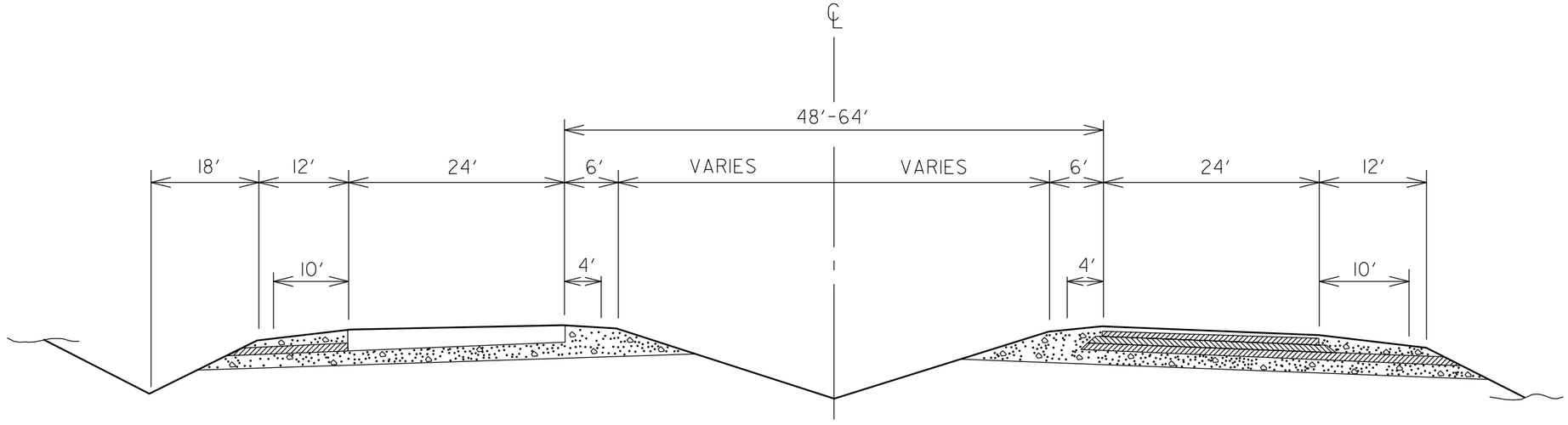
Gerald F. Nicely
Commissioner
Tennessee Department Of Transportation

Bobby W. Blackmon
Division Administrator
Federal Highway Administration

TABLE A
Appalachian Corridor Segment Descriptions

State/Commonwealth of Tennessee

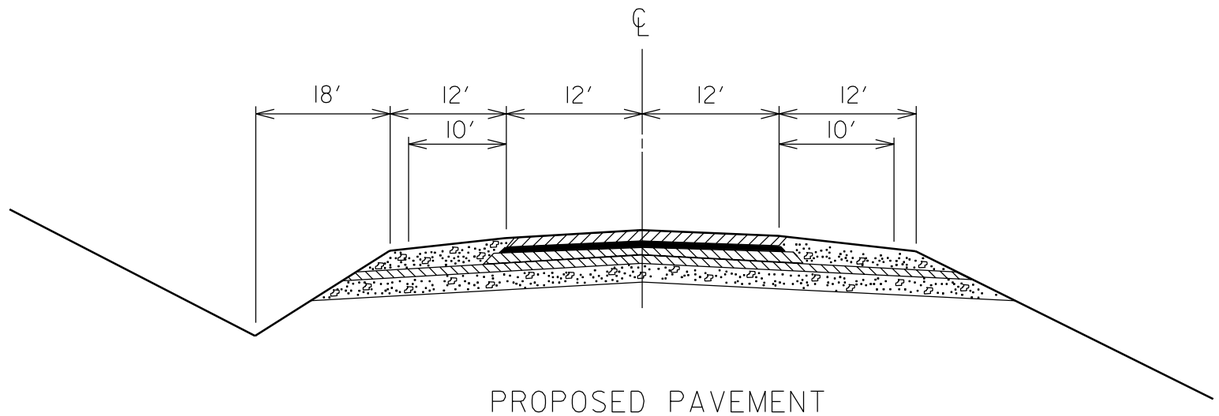
Corridor Letter	Principal Existing Route Numbers	Segment Descriptions	Eligible (miles)	Ineligible (miles)
B	I26, US 23,36,19W, S.R. 36	From North Carolina State Line along I26 to the Junction of I26 and I81 in Sullivan Co.	45.9	
B	I26, US 23, 36, 19W S.R. 137	From Junction of I26/I81 in Sullivan Co. along I26 and S.R. 137 to Virginia State Line	11.5	
F	US 25W, S.R. 9	From I75 at Caryville along US-25W (S.R. 9) to near the LaFollette southwest urban boundary	3.5	
F	US 25W, S.R. 9	From near the LaFollette southwest urban boundary to South Ave. in LaFollette		3.7
F	US 25W, S.R. 9, 63	From South Ave. in LaFollette to LaFollette NE urban boundary at Country Club Rd.	2.4	
F	S.R. 63	From Country Club Rd. at LaFollette NE urban boundary to south of Imperial Heights Rd. in LaFollette		0.5
F	S.R. 63	From south of Imperial Heights Rd. in Lafollette to US 25E (S. R. 32) at the junction with Appalachian Corridor S in Harrogate	28.1	
F	US 25E, S.R. 32	From S.R. 63 in Harrogate to the Kentucky State Line	2.8	
J	I124, US 27, S.R. 29	From the southern terminus of the Tennessee River bridge (end of I124) in Chattanooga northeast along US 27 (S.R. 29) to S.R. 8 interchange in Red Bank		2.1
J	US 27,70S, S.R. 29, 8,111	From S.R. 8 interchange in Red Bank along S.R. 8/111 to I40 interchange in Putnam County	92.2	
J	S.R. 111	From I40 interchange in Putnam Co. to Algood City limits	5.1	
J	S.R. 111	From Algood City Limits to Intersection of S.R. 111 and S.R. 52 (Celina Highway) in Livingston		16.4
J	S.R. 52	From Intersection of S.R. 111 and S.R. 52 (Celina Highway) in Livingston along S.R. 52 to Intersection of S.R. 52 and Oakley-Allons Rd.	3.4	
J	S.R. 52	From Intersection of S.R. 52 and Oakley-Allons Rd. to Intersection of S.R.52 and Davis Hollow Rd. in Overton County		6.4
J	S.R. 52,53	From Davis Hollow Rd. in Overton County along S.R. 52 and Proposed S.R. 52 through Celina along S.R. 53 to Kentucky State Line	15.2	
K	US 74,64,64BP, S.R. 311,60,40	From Interstate 75 west of Cleveland to North Carolina State Line, including a segment on a proposed new location bypassing the Ocoee Gorge	43.8	
S	US 25E,11E,11W, S.R. 32,1	From Interstate 81 south of Morristown northwestward to the junction with S.R. 63 and Appalachian Corridor "F" in Harrogate	48.7	
V	US 72, S.R. 27	From the Alabama State Line to the Interstate 24 interchange in Kimball	3.8	
J1	P.S.R. 451	From Algood City Limits (Proposed S.R. 451) west to S.R. 56 / S.R. 290 ***** The initial routing of Corridor J included the proposed construction of State Route 451 (Sections J26, J27, J27.1, and J28), a segment of 9.7 miles eligible for ADHS funding, linking Algood, north of Cookeville to State Route 56 to the west. The proposed construction was abandoned due to public opposition to the route and the 9.7 miles transferred to the Livingston – Celina link as part of a new routing for Corridor J from Algood to Celina***		9.7
J1	S.R. 56	From From S.R. 290 to Carthon Jones Lane south of Gainesboro		4.5
J1	S.R. 56	From Carthon Jones Ln. south of Gainesboro to the proposed relocated junction with Corridor "J"	22.9	
		Total	329.3	43.3



HALF SECTION
CONCRETE PAVEMENT
REFERENCE "A"

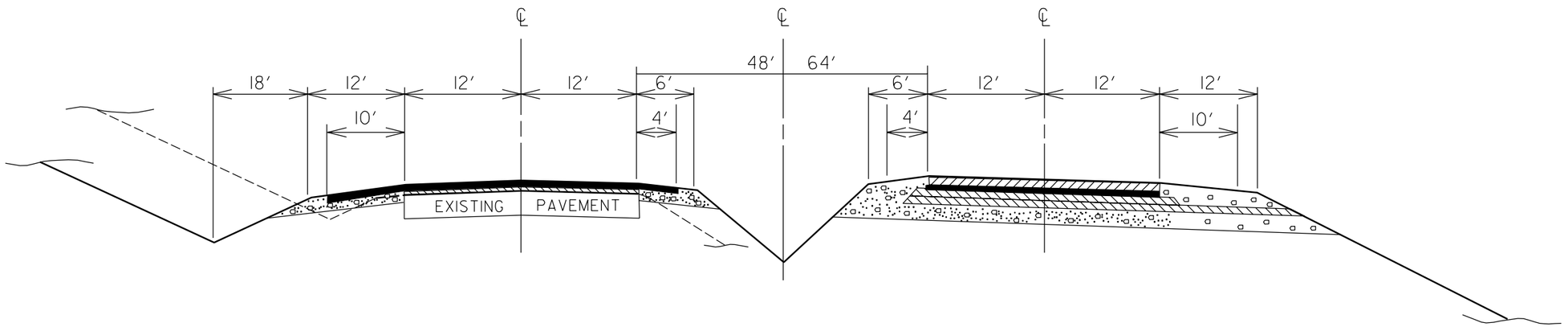
HALF SECTION
BITUMINOUS PAVEMENT
REFERENCE "B"

TYPICAL CROSS - SECTION
NOTE: ACCESS CONTROL- FULL, PARTIAL OR NONE



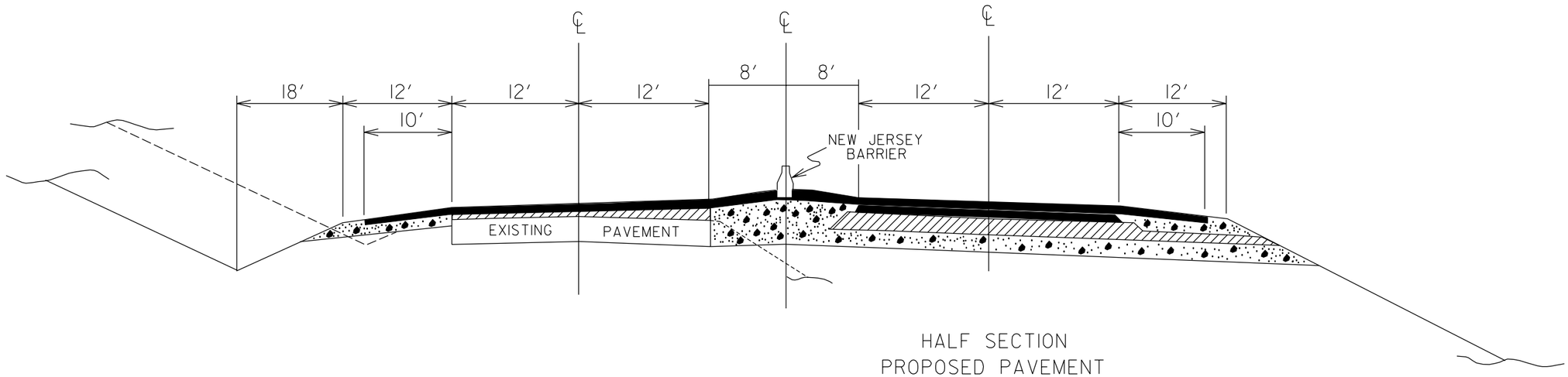
PROPOSED PAVEMENT
2-LANE ROADWAY
REFERENCE "C"

NOTE: ACCESS CONTROL - PARTIAL OR NONE



PROPOSED PAVEMENT
4-LANE DIVIDED ROADWAY
(2-LANES EXISTING)
REFERENCE "D"

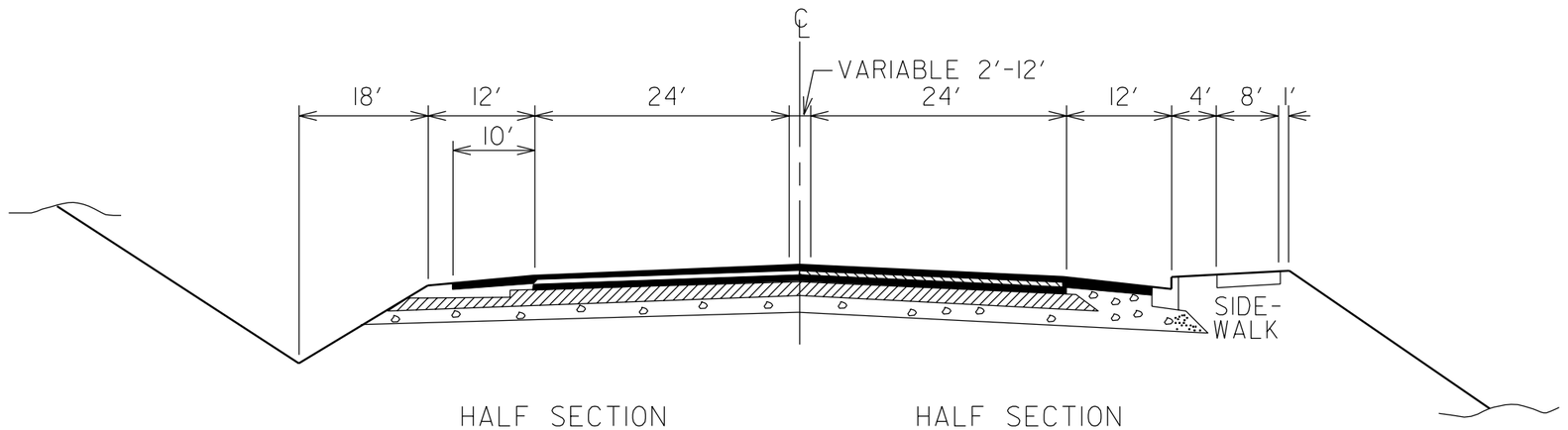
NOTE: ACCESS CONTROL - FULL, PARTIAL OR NONE



HALF SECTION
PROPOSED PAVEMENT
4-LANE DIVIDED ROADWAY
W/ NEW JERSEY BARRIER
REFERENCE "E"

PROPOSED PAVEMENT
4-LANE DIVIDED ROADWAY
W/ NEW JERSEY BARRIER
REFERENCE "F"

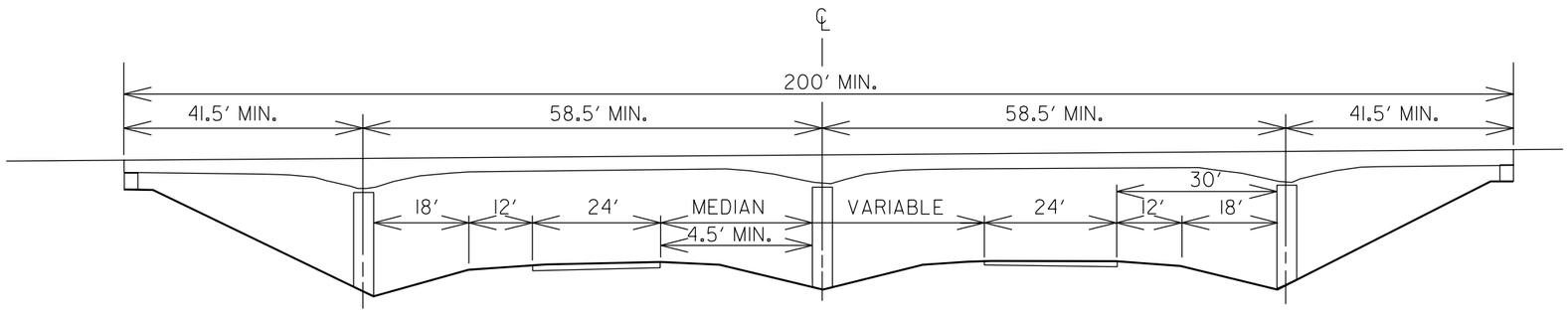
NOTE: ACCESS CONTROL - FULL OR PARTIAL



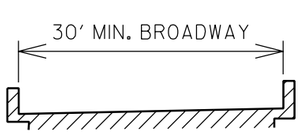
HALF SECTION
VARIABLE PAVED MEDIAN
REFERENCE "G"

HALF SECTION
VARIABLE PAVED MEDIAN
W/CURB & GUTTER
AND SIDEWALK
REFERENCE "H"

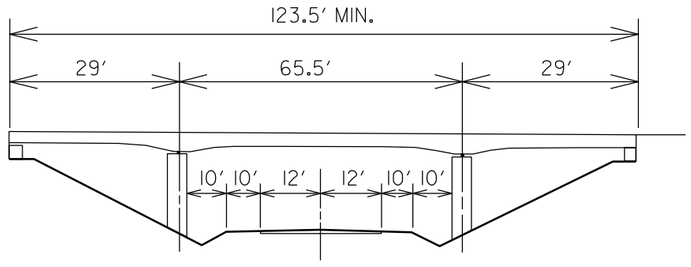
NOTE: ACCESS CONTROL - PARTIAL OR NONE



PRIMARY LINDER
VARIABLE MEDIAN STRIP
ADT 750 OR MORE

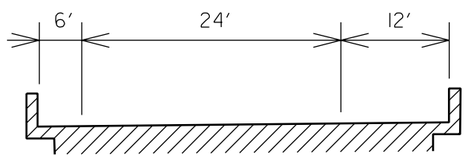


TYPICAL CROSS
SECTION
ROAD OVER INTERSTATE

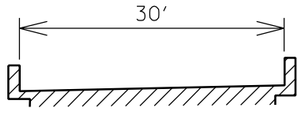


PRIMARY OVER
TYPICAL CROSS ROAD

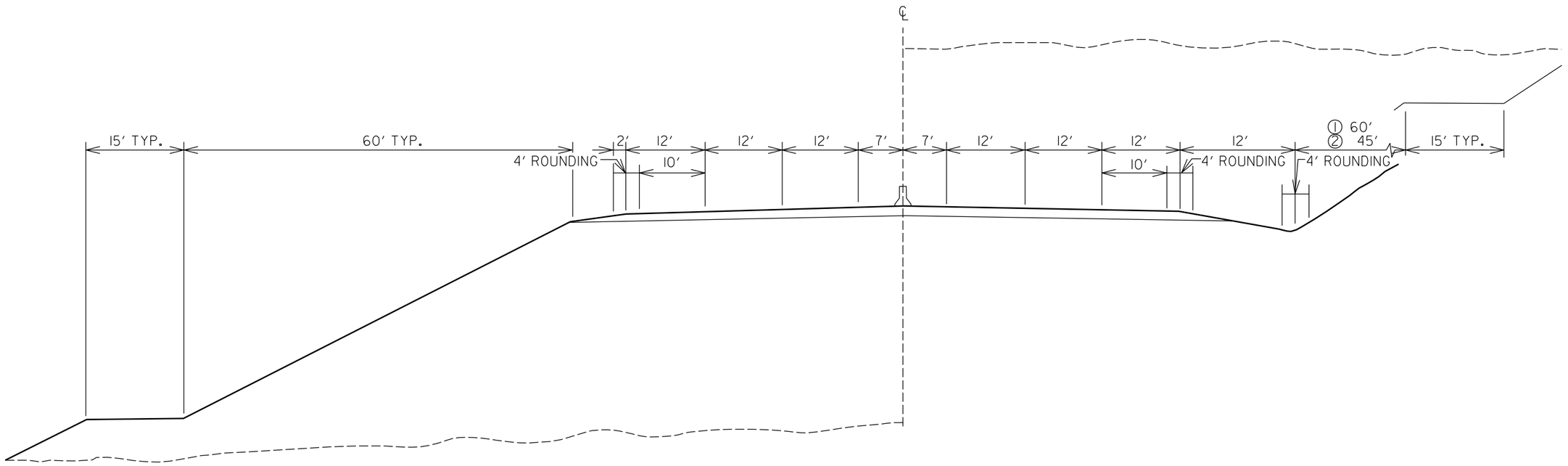
LOW VOLUME ROAD 750 ADT
OR LESS AND 50 MPH OR LESS



TYPICAL CROSS SECTION
2-LANE SHORT BRIDGE

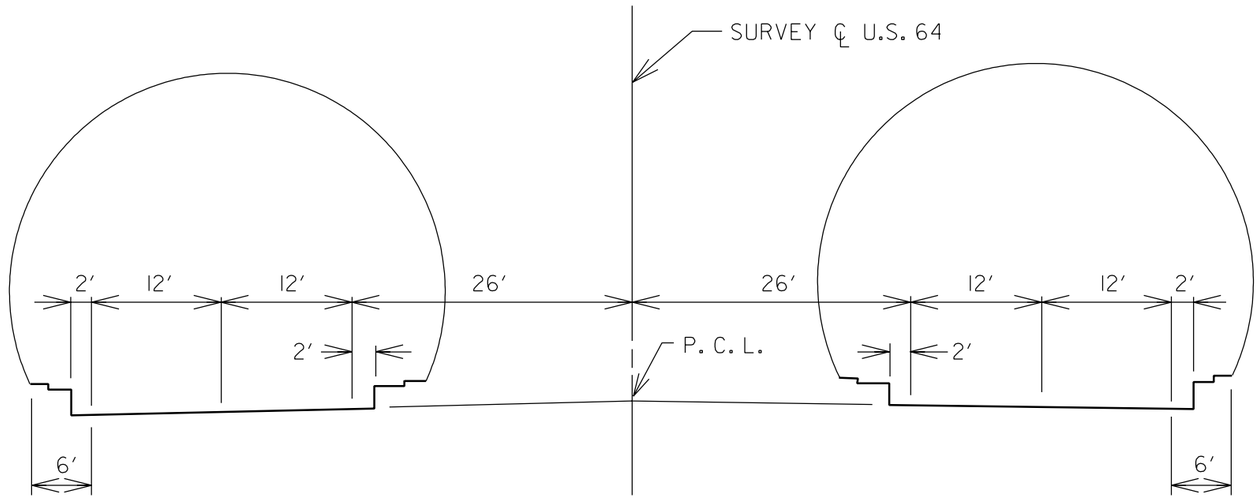


TYPICAL CROSS SECTION
2-LANE LONG BRIDGE



PROPOSED PAVEMENT
4-LANE DIVIDED ROADWAY
W/NEW JERSEY BARRIER
REFERENCE "I"

NOTE: ACCESS CONTROL - FULL OR PARTIAL



PROPOSED TUNNEL
REFERENCE "J"

2007 Appalachian Developement Highway System Cost Estimate

Table B - Design Classification and Cost Estimate by Estimate Sections with Corridor Totals

State: TN ADHS Corridor: B

Section ID	**B01.0.0**	**B02.0.0**	**B02.1.0**	**B03.0.0**	**B06.0.0**	**B06.1.0**
LRS Milepoint: Beginning/Ending	**0.000/4.610**	**4.610/10.900**	**10.900/11.390**	**11.390/14.820**	**14.820/15.890**	**15.890/19.690**
Status	**Completed**	**Stage Construction**	**Completed**	**Completed**	**Completed**	**Completed**
1. Finance Code	20	21	20	20	20	20
2. Section Length(Miles)	4.6	6.3	3.8	3.4	1.1	3.8
3. Class/Urban Code	R/0	R/0	R/0	U/96	U/96	R/0
4. Location:						
---- *a. FIPS State/County/Congressional*	47/171/1	47/171/1	47/171/1	47/171/1	47/171/1	47/171/1
---- *b. HPMS Route/Subroute*	86I0026001/0	86I0026001/0	86I0026001/0	86I0026001/0	86I0026001/0	86I0026001/0
---- *c. HPMS Signed Route/Strip Map #*	1000000026/B1	1000000026/B1	1000000026/B1	1000000026/B2	1000000026/B2	1000000026/B2
5. Estimate Section/NHS Designation	1/NHS	1/NHS	1/NHS	1/NHS	1/NHS	1/NHS
6. Design Speed(mph)	50	60	70	70	70	70
7. Traffic:						
---- *a. ADT-Base Year (2005)*	7,700	6,750	6,750	14,400	16,500	19,900
---- *b. ADT-Year 2015*	11,000	10,130	10,130	21,660	24,750	29,900
---- *c. Design Year*	2,010	2,024	2,010	1,998	2,000	2,000
---- *d. ADT-Design Year*	10,800	14,680	10,300	13,200	16,500	19,800
---- *e. DHV-Design Year*	1,512	1,908	1,339	1,716	2,145	2,574
---- *f. % Truck Design Year(DHV)*	12	9	9	10	8	8
---- *g. % Truck Design Year(ADT)*	23	13	13	14	13	13
---- *h. Directional Distribution Factor*	60	60	60	60	60	60
8. Number of Lanes to be Constructed this Estimate	0	0	0	0	0	0
9. Ultimate Number of Through Traffic Lanes	4	4	4	4	4	4
10. Typical X-Section of Reference/Access Control	F/Full	F/Full	F/Full	B/Full	B/Full	B/Full
11. Right-of-Way Width(ft), prevailing	300	300	300	300	300	300
12. Median Width(ft), prevailing	16	16	16	48	48	48
13. Status of Development(Figure 4)	1a	3a3a	1a	1a	1a	1a

Estimated Cost($1,000) per Work Classification

14. Preliminary Engineering:						
---- *a. Location*	0	0	0	0	0	0
---- *b. Design*	0	0	0	0	0	0
15. Right-of-Way:						
---- *a. Acquisition*	0	0	0	0	0	0
---- *b. Relocation*	0	0	0	0	0	0
16. Utility Adjustments	0	0	0	0	0	0
17. Erosion Control/Clear/Grade/Drain/Minor Structure	0	7	0	0	0	0
18. Subbase, Base, Surfacing, Shoulders	0	531	0	0	0	0
19. Railroad Grade Seperations	0	0	0	0	0	0
20. Highway Grade Seperations without Ramps	0	0	0	0	0	0
21. Interchanges	0	0	0	0	0	0
22. Other Bridges, Tunnels, and Walls	0	0	0	0	0	0
23. Traffic Control	0	57	0	0	0	0
24. Environmental Mitigation	0	0	0	0	0	0
25. Roadside Improvements:						
---- *a. Landscape Planting*	0	95	0	0	0	0
---- *b. Rest Area, Overlooks*	0	5,926	0	0	0	0
26. All Other Items	0	1,872	0	0	0	0
27. Subtotal(lines 17 thru 26)	**0**	**8,488**	**0**	**0**	**0**	**0**
28. Construction Engineering(5.00000000% of line 27)	**0**	**424**	**0**	**0**	**0**	**0**
29. Total Cost of Construction(lines 27 & 28)	**0**	**8,912**	**0**	**0**	**0**	**0**
30. Total Estimated Cost(lines 14, 15, 16, 29 & 5% Contingency)	**0**	**9,358**	**0**	**0**	**0**	**0**

2007 Appalachian Developement Highway System Cost Estimate

Table B - Design Classification and Cost Estimate by Estimate Sections with Corridor Totals

State: TN ADHS Corridor: B

Section ID	**B07.0.0**	**B08.0.0**	**B08.1.0**	**B09.0.0**	**B10.0.0**	**B10.1.0**
LRS Milepoint: Beginning/Ending	**19.690/23.500**	**0.000/0.740**	**0.740/2.670**	**0.000/0.530**	**0.530/1.180**	**1.180/2.080**
Status	**Completed**	**Completed**	**Completed**	**Completed**	**Completed**	**Completed**
1. Finance Code	20	20	20	20	20	20
2. Section Length(Miles)	3.8	0.7	1.9	0.5	0.7	0.9
3. Class/Urban Code	R/0	U/360	U/360	U/360	U/360	U/360
4. Location:						
---- *a. FIPS State/County/Congressional*	47/171/1	47/19/1	47/19/1	47/179/1	47/179/1	47/179/1
---- *b. HPMS Route/Subroute*	86I0026001/0	86I0026001/0	86I0026001/0	86I0026001/0	86I0026001/0	86I0026001/0
---- *c. HPMS Signed Route/Strip Map #*	1000000026/B2	1000000026/B3	1000000026/B3	1000000026/B3	1000000026/B3	1000000026/B3
5. Estimate Section/NHS Designation	1/NHS	1/NHS	1/NHS	1/NHS	1/NHS	1/NHS
6. Design Speed(mph)	70	70	70	70	50	50
7. Traffic:						
---- *a. ADT-Base Year (2005)*	19,900	19,900	24,250	24,250	38,300	38,300
---- *b. ADT-Year 2015*	29,900	29,900	36,380	36,380	53,670	53,670
---- *c. Design Year*	2,000	2,000	2,000	2,000	1,998	1,998
---- *d. ADT-Design Year*	19,800	19,800	24,250	24,250	35,700	35,700
---- *e. DHV-Design Year*	2,574	2,574	2,910	2,910	3,570	3,570
---- *f. % Truck Design Year(DHV)*	8	8	8	8	6	6
---- *g. % Truck Design Year(ADT)*	13	13	12	12	11	11
---- *h. Directional Distribution Factor*	60	60	60	60	60	60
8. Number of Lanes to be Constructed this Estimate	0	0	0	0	0	0
9. Ultimate Number of Through Traffic Lanes	4	4	4	4	4	4
10. Typical X-Section of Reference/Access Control	B/Full	B/Full	B/Full	B/Full	A/Full	A/Full
11. Right-of-Way Width(ft), prevailing	300	300	300	300	300	300
12. Median Width(ft), prevailing	48	48	48	48	40	40
13. Status of Development(Figure 4)	1a	1a	1a	1a	1a	1a

Estimated Cost($1,000) per Work Classification

14. Preliminary Engineering:						
---- *a. Location*	0	0	0	0	0	0
---- *b. Design*	0	0	0	0	0	0
15. Right-of-Way:						
---- *a. Acquisition*	0	0	0	0	0	0
---- *b. Relocation*	0	0	0	0	0	0
16. Utility Adjustments	0	0	0	0	0	0
17. Erosion Control/Clear/Grade/Drain/Minor Structure	0	0	0	0	0	0
18. Subbase, Base, Surfacing, Shoulders	0	0	0	0	0	0
19. Railroad Grade Seperations	0	0	0	0	0	0
20. Highway Grade Seperations without Ramps	0	0	0	0	0	0
21. Interchanges	0	0	0	0	0	0
22. Other Bridges, Tunnels, and Walls	0	0	0	0	0	0
23. Traffic Control	0	0	0	0	0	0
24. Environmental Mitigation	0	0	0	0	0	0
25. Roadside Improvements:						
---- *a. Landscape Planting*	0	0	0	0	0	0
---- *b. Rest Area, Overlooks*	0	0	0	0	0	0
26. All Other Items	0	0	0	0	0	0
27. Subtotal(lines 17 thru 26)	**0**	**0**	**0**	**0**	**0**	**0**
28. Construction Engineering(5.00000000% of line 27)	**0**	**0**	**0**	**0**	**0**	**0**
29. Total Cost of Construction(lines 27 & 28)	**0**	**0**	**0**	**0**	**0**	**0**
30. Total Estimated Cost(lines 14, 15, 16, 29 & 5% Contingency)	**0**	**0**	**0**	**0**	**0**	**0**

2007 Appalachian Developement Highway System Cost Estimate

Table B - Design Classification and Cost Estimate by Estimate Sections with Corridor Totals

State: TN ADHS Corridor: B

Section ID	**B11.0.0**	**B11.1.0**	**B12.0.0**	**B13.1.0**	**B14.1.0**	**B16.0.0**
LRS Milepoint: Beginning/Ending	**2.080/2.910**	**2.910/4.840**	**4.840/7.300**	**7.300/9.170**	**9.170/15.130**	**0.000/5.840**
Status	**Completed**	**Completed**	**Completed**	**Completed**	**Completed**	**Stage Construction**
1. Finance Code	20	20	20	20	20	21
2. Section Length(Miles)	0.8	1.9	2.5	1.9	6	5.8
3. Class/Urban Code	U/360	U/360	U/360	U/360	U/360	U/276
4. Location:						
---- *a. FIPS State/County/Congressional*	47/179/1	47/179/1	47/179/1	47/179/1	47/179/1	47/163/1
---- *b. HPMS Route/Subroute*	86I0026001/0	86I0026001/0	86I0026001/0	86I0026001/0	86I0026001/0	86I0026001/0
---- *c. HPMS Signed Route/Strip Map #*	1000000026/B3	1000000026/B3	1000000026/B3	1000000026/B3	1000000026/B4	1000000026/B4
5. Estimate Section/NHS Designation	1/NHS	1/NHS	1/NHS	1/NHS	1/NHS	1/NHS
6. Design Speed(mph)	50	50	50	70	70	70
7. Traffic:						
---- *a. ADT-Base Year (2005)*	47,250	57,250	45,100	45,100	45,600	39,700
---- *b. ADT-Year 2015*	61,390	61,390	58,680	58,680	63,840	55,530
---- *c. Design Year*	1,998	1,999	1,999	1,999	1,999	2,026
---- *d. ADT-Design Year*	44,900	46,000	43,900	43,900	44,100	72,950
---- *e. DHV-Design Year*	44,090	4,600	4,390	4,390	4,410	7,295
---- *f. % Truck Design Year(DHV)*	6	6	8	8	8	8
---- *g. % Truck Design Year(ADT)*	11	11	11	11	11	11
---- *h. Directional Distribution Factor*	60	60	60	60	60	60
8. Number of Lanes to be Constructed this Estimate	0	0	0	0	0	0
9. Ultimate Number of Through Traffic Lanes	4	4	4	4	4	4
10. Typical X-Section of Reference/Access Control	A/Full	A/Full	A/Full	A/Full	B/Full	B/Full
11. Right-of-Way Width(ft), prevailing	300	300	300	300	300	300
12. Median Width(ft), prevailing	40	40	40	40	40	40
13. Status of Development(Figure 4)	1a	1a	1a	1a	1a	3a3a

Estimated Cost($1,000) per Work Classification

14. Preliminary Engineering:						
---- *a. Location*	0	0	0	0	0	0
---- *b. Design*	0	0	0	0	0	4,137
15. Right-of-Way:						
---- *a. Acquisition*	0	0	0	0	0	1,111
---- *b. Relocation*	0	0	0	0	0	33
16. Utility Adjustments	0	0	0	0	0	84
17. Erosion Control/Clear/Grade/Drain/Minor Structure	0	0	0	0	0	9,806
18. Subbase, Base, Surfacing, Shoulders	0	0	0	0	0	2,598
19. Railroad Grade Seperations	0	0	0	0	0	0
20. Highway Grade Seperations without Ramps	0	0	0	0	0	0
21. Interchanges	0	0	0	0	0	8,623
22. Other Bridges, Tunnels, and Walls	0	0	0	0	0	4,449
23. Traffic Control	0	0	0	0	0	32
24. Environmental Mitigation	0	0	0	0	0	0
25. Roadside Improvements:						
---- *a. Landscape Planting*	0	0	0	0	0	0
---- *b. Rest Area, Overlooks*	0	0	0	0	0	807
26. All Other Items	0	0	0	0	0	3,009
27. Subtotal(lines 17 thru 26)	**0**	**0**	**0**	**0**	**0**	**29,324**
28. Construction Engineering(5.00000000% of line 27)	**0**	**0**	**0**	**0**	**0**	**1,466**
29. Total Cost of Construction(lines 27 & 28)	**0**	**0**	**0**	**0**	**0**	**30,790**
30. Total Estimated Cost(lines 14, 15, 16, 29 & 5% Contingency)	**0**	**0**	**0**	**0**	**0**	**37,963**

2007 Appalachian Developement Highway System Cost Estimate

Table B - Design Classification and Cost Estimate by Estimate Sections with Corridor Totals

State: TN ADHS Corridor: B

Section ID	**B18.0.0**	**B19.0.0**	**B21.0.0**	**B22.0.0**	**B23.0.0**
LRS Milepoint: Beginning/Ending	**5.840/6.770**	**6.770/9.140**	**9.140/9.660**	**9.660/9.880**	**0.000/3.030**
Status	**Completed**	**Completed**	**Completed**	**Completed**	**Completed**
1. Finance Code	20	20	20	20	20
2. Section Length(Miles)	0.9	2.4	0.5	0.2	3
3. Class/Urban Code	U/276	U/276	U/276	U/276	U/276
4. Location:					
---- *a. FIPS State/County/Congressional*	47/163/1	47/163/1	47/163/1	47/163/1	47/163/1
---- *b. HPMS Route/Subroute*	86I0026001/0	86I0026001/0	86I0026001/0	86I0026001/0	82SR137001/0
---- *c. HPMS Signed Route/Strip Map #*	1000000026/B4	1000000026/B5	1000000026/B5	1000000026/B5	2000000023/B5
5. Estimate Section/NHS Designation	1/NHS	1/NHS	1/NHS	1/NHS	1/NHS
6. Design Speed(mph)	70	70	70	70	70
7. Traffic:					
---- *a. ADT-Base Year (2005)*	21,950	21,950	21,950	21,950	23,600
---- *b. ADT-Year 2015*	28,500	28,500	28,500	28,500	26,900
---- *c. Design Year*	2,000	2,000	2,000	2,000	2,000
---- *d. ADT-Design Year*	23,900	23,900	23,900	23,900	44,600
---- *e. DHV-Design Year*	2,629	2,629	2,629	2,629	4,460
---- *f. % Truck Design Year(DHV)*	7	7	7	7	5
---- *g. % Truck Design Year(ADT)*	10	10	10	10	6
---- *h. Directional Distribution Factor*	60	60	60	60	60
8. Number of Lanes to be Constructed this Estimate	0	0	0	0	0
9. Ultimate Number of Through Traffic Lanes	4	4	4	4	4
10. Typical X-Section of Reference/Access Control	B/Full	B/Full	B/Full	B/Full	B/Full
11. Right-of-Way Width(ft), prevailing	300	300	300	300	300
12. Median Width(ft), prevailing	48	48	48	48	48
13. Status of Development(Figure 4)	1a	1a	1a	1a	1a

Estimated Cost($1,000) per Work Classification

14. Preliminary Engineering:					
---- *a. Location*	0	0	0	0	0
---- *b. Design*	0	0	0	0	0
15. Right-of-Way:					
---- *a. Acquisition*	0	0	0	0	0
---- *b. Relocation*	0	0	0	0	0
16. Utility Adjustments	0	0	0	0	0
17. Erosion Control/Clear/Grade/Drain/Minor Structure	0	0	0	0	0
18. Subbase, Base, Surfacing, Shoulders	0	0	0	0	0
19. Railroad Grade Seperations	0	0	0	0	0
20. Highway Grade Seperations without Ramps	0	0	0	0	0
21. Interchanges	0	0	0	0	0
22. Other Bridges, Tunnels, and Walls	0	0	0	0	0
23. Traffic Control	0	0	0	0	0
24. Environmental Mitigation	0	0	0	0	0
25. Roadside Improvements:					
---- *a. Landscape Planting*	0	0	0	0	0
---- *b. Rest Area, Overlooks*	0	0	0	0	0
26. All Other Items	0	0	0	0	0
27. Subtotal(lines 17 thru 26)	**0**	**0**	**0**	**0**	**0**
28. Construction Engineering(5.00000000% of line 27)	**0**	**0**	**0**	**0**	**0**
29. Total Cost of Construction(lines 27 & 28)	**0**	**0**	**0**	**0**	**0**
30. Total Estimated Cost(lines 14, 15, 16, 29 & 5% Contingency)	**0**	**0**	**0**	**0**	**0**

2007 Appalachian Developement Highway System Cost Estimate

Table B - Design Classification and Cost Estimate by Estimate Sections with Corridor Totals

State: TN ADHS Corridor: B

Section ID	**Corridor**	**Rural**	**Urban**
LRS Milepoint	**Total**	**Subtotal**	**Subtotal**
1. Finance Code			
2. Section Length(Miles)	57.40	22.30	35.10
3. Class/Urban Code			
4. Location:			
---- *a. FIPS State/County/Congressional*			
---- *b. HPMS Route/Subroute*			
---- *c. HPMS Signed Route/Strip Map #*			
5. Estimate Section/NHS Designation			
6. Design Speed(mph)			
7. Traffic:			
---- *a. ADT-Base Year (2005)*			
---- *b. ADT-Year 2015*			
---- *c. Design Year*			
---- *d. ADT-Design Year*			
---- *e. DHV-Design Year*			
---- *f. % Truck Design Year(DHV)*			
---- *g. % Truck Design Year(ADT)*			
---- *h. Directional Distribution Factor*			
8. Number of Lanes to be Constructed this Estimate			
9. Ultimate Number of Through Traffic Lanes			
10. Typical X-Section of Reference/Access Control			
11. Right-of-Way Width(ft), prevailing			
12. Median Width(ft), prevailing			
13. Status of Development(Figure 4)			

Estimated Cost($1,000) per Work Classification

14. Preliminary Engineering:			
---- *a. Location*	0	0	0
---- *b. Design*	4,137	0	4,137
15. Right-of-Way:			
---- *a. Acquisition*	1,111	0	1,111
---- *b. Relocation*	33	0	33
16. Utility Adjustments	84	0	84
17. Erosion Control/Clear/Grade/Drain/Minor Structure	9,813	7	9,806
18. Subbase, Base, Surfacing, Shoulders	3,129	531	2,598
19. Railroad Grade Seperations	0	0	0
20. Highway Grade Seperations without Ramps	0	0	0
21. Interchanges	8,623	0	8,623
22. Other Bridges, Tunnels, and Walls	4,449	0	4,449
23. Traffic Control	89	57	32
24. Environmental Mitigation	0	0	0
25. Roadside Improvements:			
---- *a. Landscape Planting*	95	95	0
---- *b. Rest Area, Overlooks*	6,733	5,926	807
26. All Other Items	4,881	1,872	3,009
27. Subtotal(lines 17 thru 26)	37,812	8,488	29,324
28. Construction Engineering(5.00000000% of line 27)	1,891	424	1,466
29. Total Cost of Construction(lines 27 & 28)	39,703	8,912	30,790
30. Total Estimated Cost(lines 14, 15, 16, 29 & 5% Contingency)	47,321	9,358	37,963

APD-036-1(4)E

APD-27-(1)E

APD-NHE-81(13) E

N

NORTH CAROLINA

NORTH CAROLINA

UNICOI COUNTY

UNICOI COUNTY

UNICOI COUNTY

Middle Creek
Horse Creek
East Fork Cassi Creek
Middle Fork Cassi Creek
Pointer Creek
Round Knob Branch
Davis Creek
Clark Creek
Chigger Branch
Birchfield Camp Branch
Flint Creek
Rocky Fork
Edwards Branch
Hog Branch
Corn
Hensley
Lower Higgins Creek
Higgins Creek
Woody
Silvers
Old Highway
Silver
Gilbert
Granny Lewis Creek
Long Branch
Devils Creek
Welcome Center
Tilson Mountain
Clear Branch
Watts Branch
Spivey Creek
Tilson BR. RD
Tilson
Foster
Little Branch
Rocky Fork
Overlook
Little Body Creek
Gentry Mountain Rd
Slip Creek
Coffee Ridge Creek
Guy Shelton
Briggs
Flag Pond Rd
South Indian Creek
Rector Laurel Rd
Hoskin Branch
Devil Branch
Left Higgins Creek
Tipton Branch
Mountain Meadow
Randall
Rice
Higgins Creek
Carver
Wheeler
Overlook
Big Laurel Creek
Nolichucky River

NHS
NHS

352
352
26
23

B02.0.0
BMP 4.61
EMP 10.90

B01.0.0
BMP 0.00
EMP 4.61

LEGEND FOR APPALACHIAN ROUTES

ADHS ROUTE STATUS
- Complete (1a, 1b)
- Stage Construction (3a3a, 3a3b, 3a3c, 3a3d)
- Final Construction (3a2)
- Design / ROW (4a1, 4a2, 4a3, 4a4, 4a5)
- Location Study (5a1, 5a2, 5a3, 5a4)
- Nonparticipating (NP)
- Interstates
- Other NHS Route
- Other Major Road
- TOLL Toll Bridge, Highway

- Other Bridge
- Combination Highway-Railroad Grade Separation
- Tunnel
- Interchange
- Railroad Grade Separation
- Highway Grade Separation - No Connection
- Urban Areas

Section ID
Beginning Milepoint
Ending Milepoint

TENNESSEE
Appalachian Corridor B

Sheet 1 of 5
Aug 1, 2007

0 1 2 Miles

0036 029 C (ACAPD) - 27

APD-27-(1)E
APD-036-1(5)R&E
APD-27-(2)C
APD-036-1(6)C
APD-036-1(7)C
APD-036-1(8)C
APD-036-1(4)E
APD-27-(3)R&EC
APD-27-(11)C
APD-27-(17)CR
APD-27-(22)C
APD-NHE-36(41)
APD-27-(29)C

N

NHS

B07.0.0
BMP 19.69
EMP 23.50

B06.1.0
BMP 15.89
EMP 19.69

B06.0.0
BMP 14.82
EMP 15.89

B03.0.0
BMP 11.39
EMP 14.82

B02.1.0
BMP 10.90
EMP 11.39

Unicoi
Erwin
Banner-Hill

WASHINGTON COUNTY
UNICOI COUNTY

NORTH CAROLINA

TENNESSEE
Appalachian Corridor B
Sheet 2 of 5
Aug 1, 2007

0 1 2 Miles

0036 030 C (ACAPD)
APD-099-1(1)E
APD-27-(5)C

0036 029 C (ACAPD)
APD-036-1(4)E
APD-27-(9)R

APD-099-1(11)R&E
APD-099-1(20)C
APD-099-1(15)C

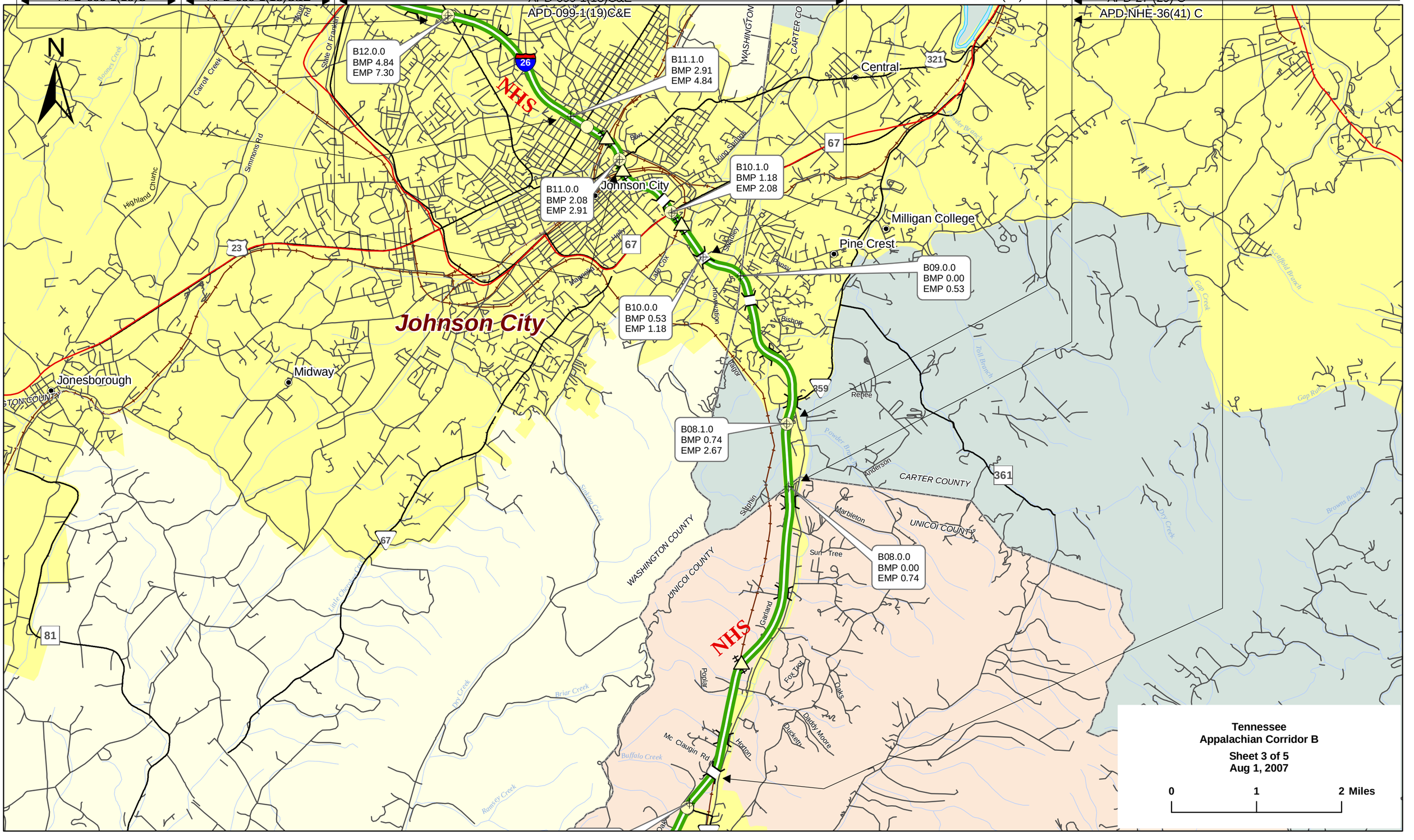
APD-099-1(13)C&E

APD-27-(4)C
APD-099-1(14)R&E
APD-099-1(18)C&E
APD-099-1(19)C&E

APD-27-(12)C

APD-29-(30)C

APD-27-(10)E&R&C
APD-27-(18) C
APD-27-(29) C
APD-NHE-36(41) C



0027 030 C(ACAPD)

APD-099-I(1)E

APD-099-I(6)C

APD-099-I(6)C

APD-099-I(3)R

APD-099-I(0)C

APD-099-I(4)C

APD-099-I(7)R&E

APD-099-I(2)C

APD-099-I(8)R&E

APD-099-I(9)C

APD-099-I(17)C

APD-099-I(16)R&E

B18.0.0
BMP 5.84
EMP 6.77

B16.0.0
BMP 0.00
EMP 5.84

B14.1.0
BMP 9.17
EMP 15.13

B13.1.0
BMP 7.30
EMP 9.17

Colonial Heights

Kingsport

Welcome Center

McCulley

Rock Springs

Galloway

Easy

Westfield

Reek Springs

Cox Hollow

Sumpter

Kendrick Cr

Eastern Star

Sharon Rd

Fordtown Rd

Sherri

Spurgeon

SULLIVAN COUNTY

WASHINGTON COUNTY

Oak Grove

Gray

Hog Hollow Rd

Browder

Ford

Douglas Shed

Old Gray Station

Gray Station

Gresham

Halwood

Piccadilly

Delmer Salts

Cedar Creek

McCray

Buckingham

Freeman

Frog Level

Old Stage Rd

Boones Station

Lake Park

Bart Green

Tarpits

Browns Mill

Mountain View Rd

Franklin

Springbrook

Sylamore

Johnson City

Bristol

Weaver Branch

Watauga River

NHS

26

81

947

P

34

36

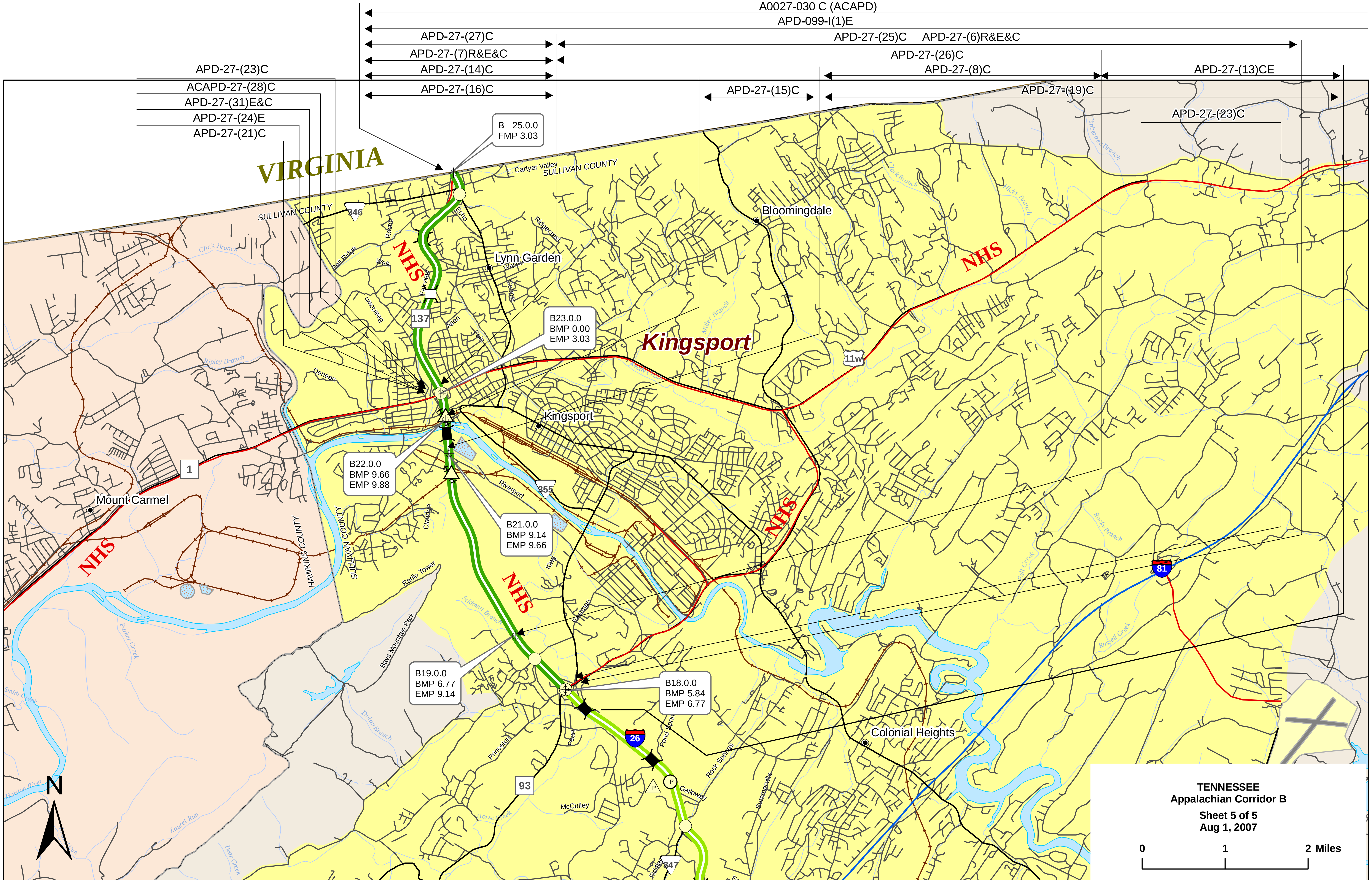
400

2601

N

TENNESSEE
Appalachian Corridor B
Sheet 4 of 5
Aug 1, 2007

0 1 2 Miles



A0027-030 C (ACAPD)
APD-099-I(1)E
APD-27-(27)C
APD-27-(7)R&E&C
APD-27-(14)C
APD-27-(16)C
APD-27-(25)C
APD-27-(6)R&E&C
APD-27-(26)C
APD-27-(8)C
APD-27-(13)CE
APD-27-(15)C
APD-27-(19)C
APD-27-(23)C
ACAPD-27-(28)C
APD-27-(31)E&C
APD-27-(24)E
APD-27-(21)C
B 25.0.0
FMP 3.03
B23.0.0
BMP 0.00
EMP 3.03
B22.0.0
BMP 9.66
EMP 9.88
B21.0.0
BMP 9.14
EMP 9.66
B19.0.0
BMP 6.77
EMP 9.14
B18.0.0
BMP 5.84
EMP 6.77
VIRGINIA
SULLIVAN COUNTY
HAWKINS COUNTY
Kingsport
Lynn Garden
Bloomingdale
Mount Carmel
Colonial Heights
NHS
346
137
11w
1
355
93
26
347
81
N
TENNESSEE
Appalachian Corridor B
Sheet 5 of 5
Aug 1, 2007
0
1
2 Miles

2007 Appalachian Developement Highway System Cost Estimate

Table B - Design Classification and Cost Estimate by Estimate Sections with Corridor Totals

State: TN ADHS Corridor: F

Section ID	**F01.0.0**	**F02.0.0**	**F02.0.1**	**F02.1.0**	**F03.0.0**	**F03.1.0**
LRS Milepoint: Beginning/Ending	**32.330/28.850**	**28.850/28.490**	**28.490/27.940**	**27.940/25.220**	**25.220/24.080**	**6.520/7.780**
Status	**Completed**	**NP**	**NP**	**NP**	**Stage Construction**	**Stage Construction**
1. Finance Code	20	20	20	20	21	21
2. Section Length(Miles)	3.5	0.4	0.6	2.7	1.1	1.3
3. Class/Urban Code	R/0	R/0	U/157	U/157	U/157	U/157
4. Location:						
---- *a. FIPS State/County/Congressional*	47/13/4	47/13/4	47/13/4	47/13/4	47/13/4	47/13/4
---- *b. HPMS Route/Subroute*	07SR009001/0	07SR009001/0	07SR009001/0	07SR009001/0	07SR009001/0	07SR063001/1
---- *c. HPMS Signed Route/Strip Map #*	2000000025/F1	2000000025/F1	2000000025/F1	2000000025/F1	2000000025/F1	3000000063/F1
5. Estimate Section/NHS Designation	1/None	2/None	2/None	2/None	1/None	1/None
6. Design Speed(mph)	60	60	60	60	60	60
7. Traffic:						
---- *a. ADT-Base Year (2005)*	21,900	30,100	30,100	27,700	33,850	33,850
---- *b. ADT-Year 2015*	26,300	42,090	42,090	38,730	47,410	47,410
---- *c. Design Year*	2,000	2,000	2,000	2,000	2,009	2,009
---- *d. ADT-Design Year*	23,900	30,100	30,100	27,700	38,300	38,300
---- *e. DHV-Design Year*	2,745	3,612	3,612	3,324	4,596	4,596
---- *f. % Truck Design Year(DHV)*	8	8	8	8	7	7
---- *g. % Truck Design Year(ADT)*	10	10	10	10	9	9
---- *h. Directional Distribution Factor*	60	60	60	60	60	60
8. Number of Lanes to be Constructed this Estimate	0	0	0	0	0	0
9. Ultimate Number of Through Traffic Lanes	4	4	4	4	4	4
10. Typical X-Section of Reference/Access Control	B/None	B/None	G/None	G/None	H/None	H/None
11. Right-of-Way Width(ft), prevailing	150	150	107	107	150	150
12. Median Width(ft), prevailing	40	30	4	4	12	12
13. Status of Development(Figure 4)	1a	np	np	np	3a3a	3a3a

Estimated Cost($1,000) per Work Classification

14. Preliminary Engineering:						
---- *a. Location*	0	0	0	0	0	0
---- *b. Design*	0	0	0	0	29	33
15. Right-of-Way:						
---- *a. Acquisition*	0	0	0	0	0	0
---- *b. Relocation*	0	0	0	0	0	0
16. Utility Adjustments	0	0	0	0	0	0
17. Erosion Control/Clear/Grade/Drain/Minor Structure	0	0	0	0	4	4
18. Subbase, Base, Surfacing, Shoulders	0	0	0	0	300	354
19. Railroad Grade Seperations	0	0	0	0	0	0
20. Highway Grade Seperations without Ramps	0	0	0	0	0	0
21. Interchanges	0	0	0	0	0	0
22. Other Bridges, Tunnels, and Walls	0	0	0	0	354	0
23. Traffic Control	0	0	0	0	18	22
24. Environmental Mitigation	0	0	0	0	0	0
25. Roadside Improvements:						
---- *a. Landscape Planting*	0	0	0	0	18	25
---- *b. Rest Area, Overlooks*	0	0	0	0	0	0
26. All Other Items	0	0	0	0	56	64
27. Subtotal(lines 17 thru 26)	**0**	**0**	**0**	**0**	**750**	**469**
28. Construction Engineering(5.00000000% of line 27)	**0**	**0**	**0**	**0**	**38**	**23**
29. Total Cost of Construction(lines 27 & 28)	**0**	**0**	**0**	**0**	**788**	**492**
30. Total Estimated Cost(lines 14, 15, 16, 29 & 5% Contingency)	**0**	**0**	**0**	**0**	**857**	**552**

2007 Appalachian Developement Highway System Cost Estimate

Table B - Design Classification and Cost Estimate by Estimate Sections with Corridor Totals

State: TN ADHS Corridor: F

Section ID	**F04.0.0**	**F05.0.0**	**F05.1.0**	**F06.0.0**	**F07.0.0**	**F08.0.0**
LRS Milepoint: Beginning/Ending	**7.780/8.250**	**8.250/11.070**	**11.070/18.290**	**0.000/4.400**	**4.400/10.710**	**10.710/18.150**
Status	**NP**	**Stage Construction**	**Stage Construction**	**Stage Construction**	**Completed**	**Completed**
1. Finance Code	20	21	21	21	20	20
2. Section Length(Miles)	0.5	2.8	7.2	4.4	6.3	7.4
3. Class/Urban Code	U/157	R/0	R/0	R/0	R/0	R/0
4. Location:						
---- *a. FIPS State/County/Congressional*	47/13/4	47/13/4	47/13/4	47/25/3	47/25/3	47/25/3
---- *b. HPMS Route/Subroute*	07SR063001/1	07SR063001/1	07SR063001/1	13SR063001/0	13SR063001/0	13SR063001/0
---- *c. HPMS Signed Route/Strip Map #*	3000000063/F1	3000000063/F1	3000000063/F2	3000000063/F2	3000000063/F3	3000000063/F3
5. Estimate Section/NHS Designation	2/None	1/None	1/None	1/None	1/None	1/None
6. Design Speed(mph)	60	60	60	60	60	60
7. Traffic:						
---- *a. ADT-Base Year (2005)*	15,500	13,900	7,920	4,100	4,450	10,800
---- *b. ADT-Year 2015*	21,750	19,410	11,090	5,790	6,250	15,120
---- *c. Design Year*	2,000	2,027	2,027	2,026	2,004	2,004
---- *d. ADT-Design Year*	15,400	26,030	14,890	7,650	5,100	12,300
---- *e. DHV-Design Year*	2,002	3,384	1,936	918	663	1,599
---- *f. % Truck Design Year(DHV)*	9	11	14	14	14	10
---- *g. % Truck Design Year(ADT)*	10	12	16	16	16	12
---- *h. Directional Distribution Factor*	60	60	60	60	60	60
8. Number of Lanes to be Constructed this Estimate	0	2	2	2	0	0
9. Ultimate Number of Through Traffic Lanes	4	4	4	4	4	4
10. Typical X-Section of Reference/Access Control	G/None	G/None	G/None	G/None	G/None	G/None
11. Right-of-Way Width(ft), prevailing	150	250	250	250	250	250
12. Median Width(ft), prevailing	12	12	12	12	12	12
13. Status of Development(Figure 4)	np	3a3a	3a3a	3a3a	1a	1a

Estimated Cost($1,000) per Work Classification

14. Preliminary Engineering:						
---- *a. Location*	0	0	0	0	0	0
---- *b. Design*	0	0	0	0	0	0
15. Right-of-Way:						
---- *a. Acquisition*	0	0	0	0	0	0
---- *b. Relocation*	0	0	0	0	0	0
16. Utility Adjustments	0	0	0	0	0	0
17. Erosion Control/Clear/Grade/Drain/Minor Structure	0	2,983	3,959	2,752	0	0
18. Subbase, Base, Surfacing, Shoulders	0	1,997	5,135	3,138	0	0
19. Railroad Grade Seperations	0	0	0	0	0	0
20. Highway Grade Seperations without Ramps	0	0	0	0	0	0
21. Interchanges	0	0	0	0	0	0
22. Other Bridges, Tunnels, and Walls	0	0	0	0	0	0
23. Traffic Control	0	49	114	57	0	0
24. Environmental Mitigation	0	0	0	0	0	0
25. Roadside Improvements:						
---- *a. Landscape Planting*	0	73	68	48	0	0
---- *b. Rest Area, Overlooks*	0	0	2,523	0	0	0
26. All Other Items	0	249	641	392	0	0
27. Subtotal(lines 17 thru 26)	**0**	**5,351**	**12,440**	**6,387**	**0**	**0**
28. Construction Engineering(5.00000000% of line 27)	**0**	**268**	**622**	**319**	**0**	**0**
29. Total Cost of Construction(lines 27 & 28)	**0**	**5,619**	**13,062**	**6,706**	**0**	**0**
30. Total Estimated Cost(lines 14, 15, 16, 29 & 5% Contingency)	**0**	**5,899**	**13,715**	**7,042**	**0**	**0**

2007 Appalachian Developement Highway System Cost Estimate

Table B - Design Classification and Cost Estimate by Estimate Sections with Corridor Totals

State: TN ADHS Corridor: F

Section ID	**F09.0.0**	**F09.1.0**
LRS Milepoint: Beginning/Ending	**18.060/19.810**	**19.810/20.780**
Status	**Completed**	**Completed**
1. Finance Code	20	20
2. Section Length(Miles)	1.8	1
3. Class/Urban Code	R/0	R/0
4. Location:		
---- *a. FIPS State/County/Congressional*	47/25/3	47/25/3
---- *b. HPMS Route/Subroute*	13SR032001/0	13SR032001/0
---- *c. HPMS Signed Route/Strip Map #*	2000000025/F4	3000000025/F4
5. Estimate Section/NHS Designation	1/NHS	1/NHS
6. Design Speed(mph)	60	60
7. Traffic:		
---- *a. ADT-Base Year (2005)*	33,400	20,000
---- *b. ADT-Year 2015*	42,750	25,600
---- *c. Design Year*	2,000	2,007
---- *d. ADT-Design Year*	45,700	39,000
---- *e. DHV-Design Year*	5,484	4,680
---- *f. % Truck Design Year(DHV)*	10	8
---- *g. % Truck Design Year(ADT)*	12	12
---- *h. Directional Distribution Factor*	60	60
8. Number of Lanes to be Constructed this Estimate	0	0
9. Ultimate Number of Through Traffic Lanes	4	4
10. Typical X-Section of Reference/Access Control	G/None	G/Full
11. Right-of-Way Width(ft), prevailing	150	300
12. Median Width(ft), prevailing	30	54
13. Status of Development(Figure 4)	1a	1a

Estimated Cost($1,000) per Work Classification

14. Preliminary Engineering:		
---- *a. Location*	0	0
---- *b. Design*	0	0
15. Right-of-Way:		
---- *a. Acquisition*	0	0
---- *b. Relocation*	0	0
16. Utility Adjustments	0	0
17. Erosion Control/Clear/Grade/Drain/Minor Structure	0	0
18. Subbase, Base, Surfacing, Shoulders	0	0
19. Railroad Grade Seperations	0	0
20. Highway Grade Seperations without Ramps	0	0
21. Interchanges	0	0
22. Other Bridges, Tunnels, and Walls	0	0
23. Traffic Control	0	0
24. Environmental Mitigation	0	0
25. Roadside Improvements:		
---- *a. Landscape Planting*	0	0
---- *b. Rest Area, Overlooks*	0	0
26. All Other Items	0	0
27. Subtotal(lines 17 thru 26)	**0**	**0**
28. Construction Engineering(5.00000000% of line 27)	**0**	**0**
29. Total Cost of Construction(lines 27 & 28)	**0**	**0**
30. Total Estimated Cost(lines 14, 15, 16, 29 & 5% Contingency)	**0**	**0**

2007 Appalachian Developement Highway System Cost Estimate

Table B - Design Classification and Cost Estimate by Estimate Sections with Corridor Totals

State: TN ADHS Corridor: F

Section ID	**Corridor**	**Rural**	**Urban**
LRS Milepoint	**Total**	**Subtotal**	**Subtotal**
1. Finance Code			
2. Section Length(Miles)	41.00	34.80	6.20
3. Class/Urban Code			
4. Location:			
---- *a. FIPS State/County/Congressional*			
---- *b. HPMS Route/Subroute*			
---- *c. HPMS Signed Route/Strip Map #*			
5. Estimate Section/NHS Designation			
6. Design Speed(mph)			
7. Traffic:			
---- *a. ADT-Base Year (2005)*			
---- *b. ADT-Year 2015*			
---- *c. Design Year*			
---- *d. ADT-Design Year*			
---- *e. DHV-Design Year*			
---- *f. % Truck Design Year(DHV)*			
---- *g. % Truck Design Year(ADT)*			
---- *h. Directional Distribution Factor*			
8. Number of Lanes to be Constructed this Estimate			
9. Ultimate Number of Through Traffic Lanes			
10. Typical X-Section of Reference/Access Control			
11. Right-of-Way Width(ft), prevailing			
12. Median Width(ft), prevailing			
13. Status of Development(Figure 4)			

Estimated Cost($1,000) per Work Classification

14. Preliminary Engineering:			
---- *a. Location*	0	0	0
---- *b. Design*	62	0	62
15. Right-of-Way:			
---- *a. Acquisition*	0	0	0
---- *b. Relocation*	0	0	0
16. Utility Adjustments	0	0	0
17. Erosion Control/Clear/Grade/Drain/Minor Structure	9,702	9,694	8
18. Subbase, Base, Surfacing, Shoulders	10,924	10,270	654
19. Railroad Grade Seperations	0	0	0
20. Highway Grade Seperations without Ramps	0	0	0
21. Interchanges	0	0	0
22. Other Bridges, Tunnels, and Walls	354	0	354
23. Traffic Control	260	220	40
24. Environmental Mitigation	0	0	0
25. Roadside Improvements:			
---- *a. Landscape Planting*	232	189	43
---- *b. Rest Area, Overlooks*	2,523	2,523	0
26. All Other Items	1,402	1,282	120
27. Subtotal(lines 17 thru 26)	25,397	24,178	1,219
28. Construction Engineering(5.00000000% of line 27)	1,270	1,209	61
29. Total Cost of Construction(lines 27 & 28)	26,667	25,387	1,280
30. Total Estimated Cost(lines 14, 15, 16, 29 & 5% Contingency)	28,065	26,656	1,409

APD-009-1(26)E
APD-009-1(27)R&E
APD-009-1(28)C
APD-085-1(6)R
APD-085-1(7)C
APD-085-1(5)E
APD-085-1(18)R&E
APD-085-1(19)C
APD-085-1(21)C
APD-63-(5)E

Pioneer
297
N
NHS
CAMPBELL COUNTY
Campbell
La Follette
Jacksboro
Caryville
9
25W
63
75
F04.0.0
BMP 7.78
EMP 8.25
F03.1.0
BMP 6.52
EMP 7.78
F05.0.0
BMP 8.25
EMP 11.07
F03.0.0
BMP 24.08
BMP 25.22
F02.1.0
BMP 25.22
EMP 27.94
F02.0.0
BMP 28.49
EMP 28.85
F02.0.1
BMP 27.94
EMP 28.49
F01.0.0
BMP 28.85
EMP 32.33
Jennings Creek
Sharp Branch
Broyles Branch
Stinking Creek
Swamp Branch
Rector Branch
Straight Fork
Turley Branch
Ollis Creek
Yellow Branch
Thompson Creek
Titus Creek
Puncheon Camp Creek
Jerry Creek
Sugarcamp Branch
McKinney Fork
Asher Branch
Falls Creek
Hunter Branch
Gibson Ln
Big Creek
Old Long Hollow
Country Club
Fairway
Howard
Cedar Creek
Shoffner Branch
Powell River
Butler
Asbury
Elkins
Posey
Crescent
Mine
Overlook
Lakeview
Money
Patty Hill
Pilkey
Cross Mountain Rd
Island Ford
Branam
Campbell County Airport
Towe Boat Rd
Spring Rd

LEGEND FOR APPALACHIAN ROUTES

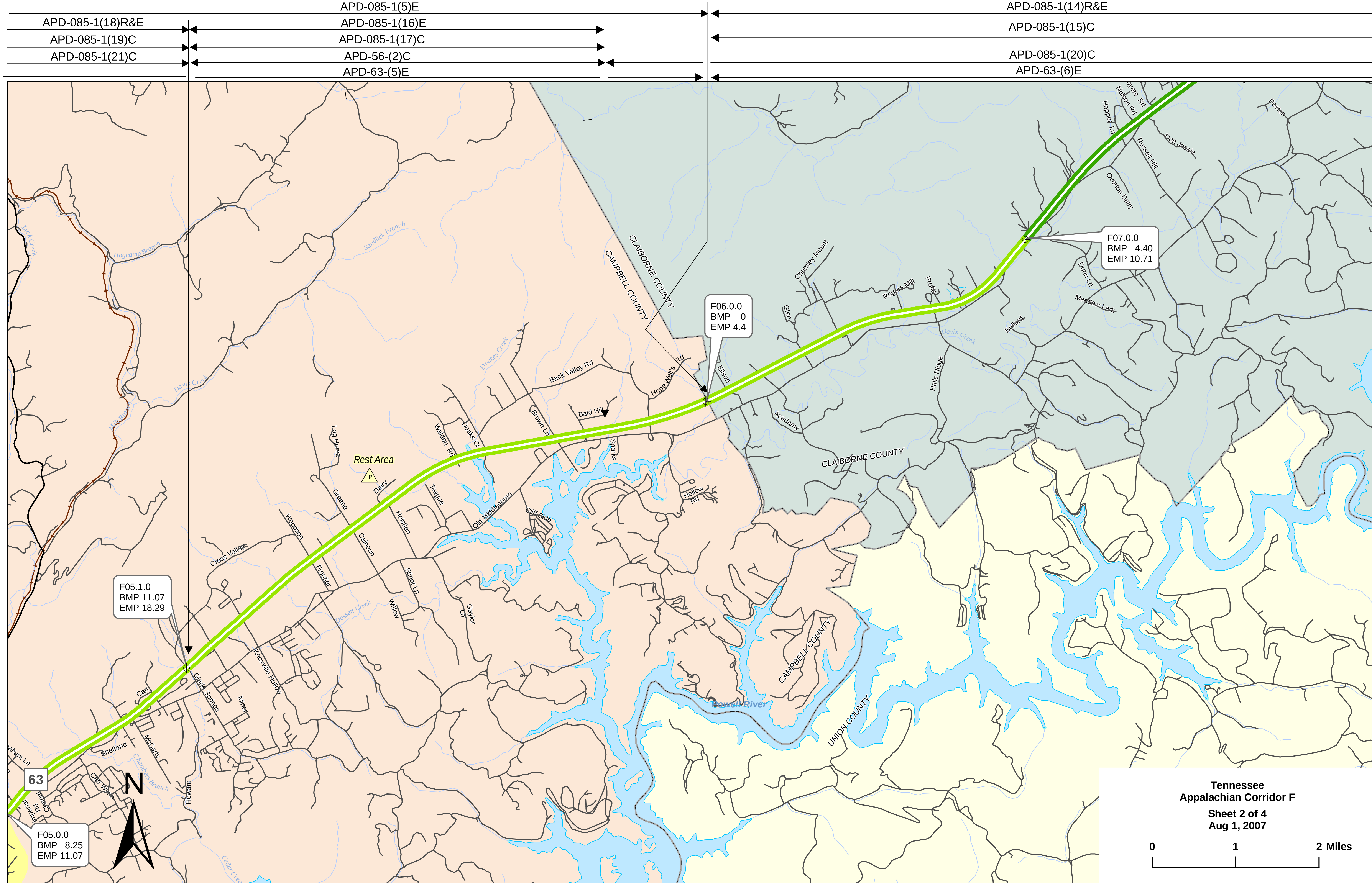
ADHS ROUTE STATUS
- Complete (1a, 1b)
- Stage Construction (3a3a, 3a3b, 3a3c, 3a3d)
- Final Construction (3a2)
- Design / ROW (4a1, 4a2, 4a3, 4a4, 4a5)
- Location Study (5a1, 5a2, 5a3, 5a4)
- Nonparticipating (NP)
- Interstates
- Other NHS Route
- Other Major Road
- TOLL Toll Bridge, Highway

- Other Bridge
- Combination Highway-Railroad Grade Separation
- Tunnel
- Interchange
- Railroad Grade Separation
- Highway Grade Separation - No Connection
- Urban Areas

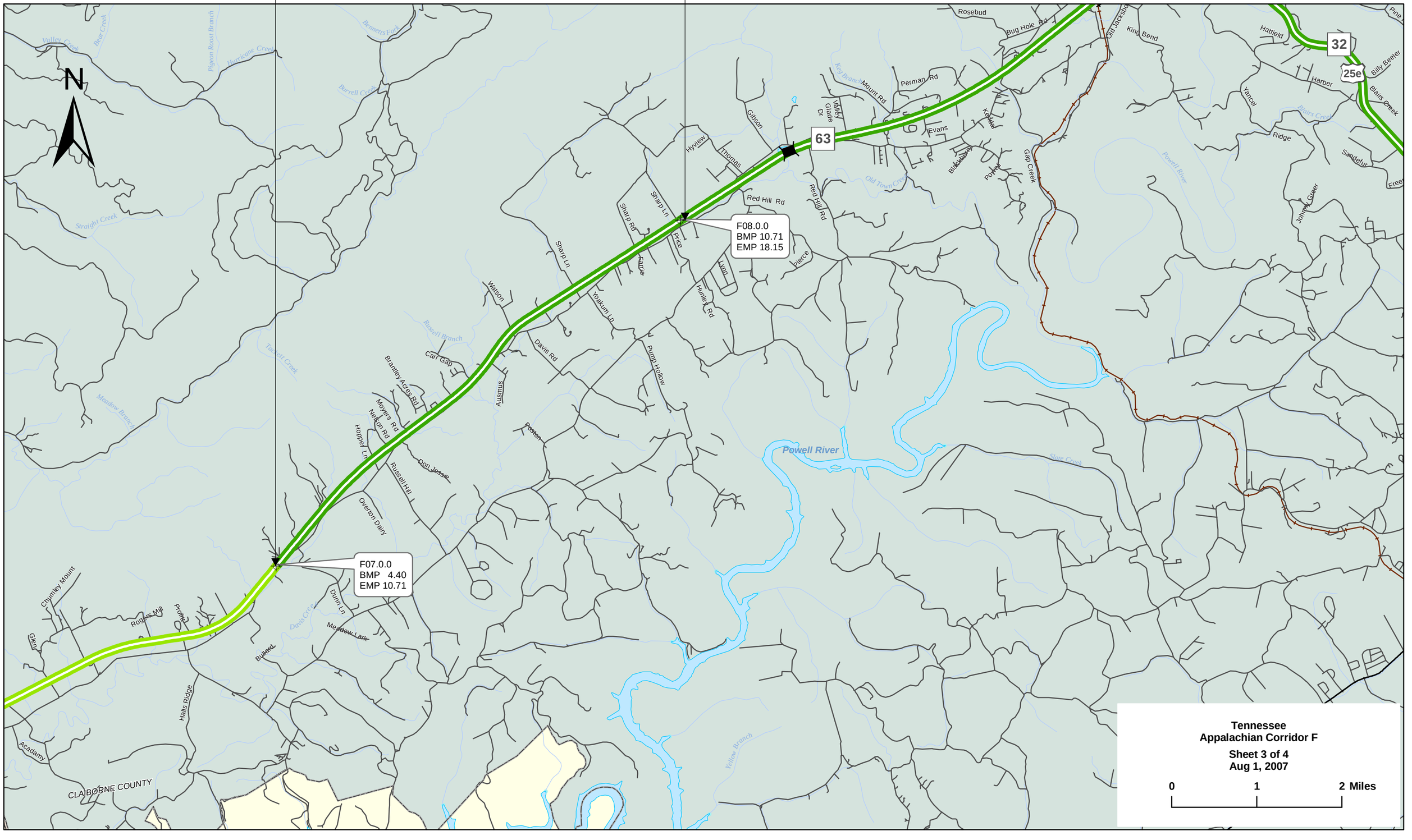
Section ID
Beginning Milepoint
Ending Milepoint

Tennessee
Appalachian Corridor F
Sheet 1 of 4
Aug 1, 2007

0 1 2 Miles


APD-085-1(5)E
APD-085-1(14)R&E
APD-085-1(18)R&E
APD-085-1(16)E
APD-085-1(15)C
APD-085-1(19)C
APD-085-1(17)C
APD-085-1(21)C
APD-56-(2)C
APD-085-1(20)C
APD-63-(5)E
APD-63-(6)E
F07.0.0
BMP 4.40
EMP 10.71
F06.0.0
BMP 0
EMP 4.4
F05.1.0
BMP 11.07
EMP 18.29
F05.0.0
BMP 8.25
EMP 11.07
CLAIBORNE COUNTY
CAMPBELL COUNTY
UNION COUNTY
Rest Area
Powell River
63
N
Tennessee
Appalachian Corridor F
Sheet 2 of 4
Aug 1, 2007
0 1 2 Miles

APS-085-1(14)R&E
APD-085-1(15)C
APD-085-1(20)C
APD-63-1(6)E
APD-085-1(8)R
APD-085-1(9)C
APD-085-1(22)C
APD-085-1(10)R
APD-085-1(11)C
085-1023 C (ADAPD)



Tennessee
Appalachian Corridor F
Sheet 3 of 4
Aug 1, 2007

0 1 2 Miles

APD 085-I(10)R
APD 085-I(11)C
085-1023 C (ACAPD)

APD 032-3(10)E
APD 032-3(5)R
APD 032-3(6)C

N

KENTUCKY

VIRGINIA

CLAIBORNE COUNTY

CLAIBORNE COUNTY

Cumberland Gap

Harrogate

Shawanee

HARROGATE

Arthur

Rosebud

Rhodes

Trinity

Forge Greers Chapel

Parkhurst

Tiprell Rd

Golden Pearman

Redbird

Bug Hole Rd

Old Jackson Rd

King Bend

Hatfield

Pine Hill

Billy Beeler

Harber

Blairs Creek

Yancey

Ridge

Sandefur

Freeman

Ponderosa

Old Mulberry

Paul Williams

Anders

Baldwin

Johnny Greer

Gap Creek

Powell River

Mount Rd

Perman Rd

Valley Glade Dr

Evans

Blackberry

Powell

Gibson

Hyview

Thomas

Red Hill Rd

Red Hill Rd

Sharp Ln

Sharp Rd

Price

Fawn

Lyon

Pierce

Hunley Rd

Yoakum Ln

Watson

Davis Rd

Pump Hollow

Carr Gap

Brantley Acres Rd

Russell Branch

Davis Creek

Old Town Creek

Keg Branch

Bennetts Fork

Sugar Branch

Beech Branch

Watson Branch

Jones Branch

Stengley Branch

Little Yellow Creek

Station Creek

Indian Creek

Little Creek

Island Creek

Powell River

NHS

NHS

32

25e

63

F09.1.0
BMP 19.81
EMP 20.78

F09.0.0
BMP 18.06
EMP 19.81

S20.0.0
BMP 16.71
EMP 18.06

S19.1.0
BMP 12.99
EMP 16.71

S19.0.0
BMP 10.99
EMP 12.99

F08.0.0
BMP 10.71
EMP 18.15

Tennessee
Appalachian Corridor F
Sheet 4 of 4
Aug 1, 2007

0 1 2 Miles

2007 Appalachian Developement Highway System Cost Estimate

Table B - Design Classification and Cost Estimate by Estimate Sections with Corridor Totals

State: TN ADHS Corridor: J

Section ID	**J00.0.0**	**J01.0.0**	**J02.0.0**	**J03.0.0**	**J03.0.1**	**J03.0.2**
LRS Milepoint: Beginning/Ending	**0.000/2.120**	**2.120/6.300**	**6.300/10.460**	**10.460/11.040**	**11.040/13.450**	**13.450/15.270**
Status	**NP**	**Completed**	**Completed**	**Completed**	**Completed**	**Completed**
1. Finance Code	20	20	20	20	20	20
2. Section Length(Miles)	2.1	4.2	4.2	0.6	2.4	1.8
3. Class/Urban Code	U/86	U/86	U/86	U/86	U/86	U/86
4. Location:						
---- *a. FIPS State/County/Congressional*	47/65/3	47/65/3	47/65/3	47/65/3	47/65/3	47/65/3
---- *b. HPMS Route/Subroute*	33SR029001/0	33SR029001/0	33SR029001/0	33SR029001/0	33SR029001/0	33SR029001/0
---- *c. HPMS Signed Route/Strip Map #*	2000000027/J1	2000000027/J1	2000000027/J1	2000000027/J2	2000000027/J2	2000000027/J2
5. Estimate Section/NHS Designation	2/NHS	1/NHS	1/NHS	1/NHS	1/NHS	1/NHS
6. Design Speed(mph)	60	70	70	70	70	70
7. Traffic:						
---- *a. ADT-Base Year (2005)*	79,000	37,250	29,750	27,550	45,550	40,300
---- *b. ADT-Year 2015*	102,690	70,730	56,600	52,350	86,600	76,540
---- *c. Design Year*	2,000	2,000	2,000	1,997	1,996	1,996
---- *d. ADT-Design Year*	79,000	51,200	40,800	22,400	34,200	30,200
---- *e. DHV-Design Year*	7,900	5,120	4,488	2,464	3,760	3,322
---- *f. % Truck Design Year(DHV)*	4	6	6	8	7	7
---- *g. % Truck Design Year(ADT)*	7	8	8	10	9	9
---- *h. Directional Distribution Factor*	60	60	60	60	60	60
8. Number of Lanes to be Constructed this Estimate	0	0	0	0	0	0
9. Ultimate Number of Through Traffic Lanes	6	4	4	4	4	4
10. Typical X-Section of Reference/Access Control	F/Full	B/Full	B/Full	B/Full	B/Full	B/Full
11. Right-of-Way Width(ft), prevailing	350	350	350	300	300	300
12. Median Width(ft), prevailing	6	64	64	64	64	64
13. Status of Development(Figure 4)	np	1a	1a	1a	1a	1a

Estimated Cost($1,000) per Work Classification

14. Preliminary Engineering:						
---- *a. Location*	0	0	0	0	0	0
---- *b. Design*	0	0	0	0	0	0
15. Right-of-Way:						
---- *a. Acquisition*	0	0	0	0	0	0
---- *b. Relocation*	0	0	0	0	0	0
16. Utility Adjustments	0	0	0	0	0	0
17. Erosion Control/Clear/Grade/Drain/Minor Structure	0	0	0	0	0	0
18. Subbase, Base, Surfacing, Shoulders	0	0	0	0	0	0
19. Railroad Grade Seperations	0	0	0	0	0	0
20. Highway Grade Seperations without Ramps	0	0	0	0	0	0
21. Interchanges	0	0	0	0	0	0
22. Other Bridges, Tunnels, and Walls	0	0	0	0	0	0
23. Traffic Control	0	0	0	0	0	0
24. Environmental Mitigation	0	0	0	0	0	0
25. Roadside Improvements:						
---- *a. Landscape Planting*	0	0	0	0	0	0
---- *b. Rest Area, Overlooks*	0	0	0	0	0	0
26. All Other Items	0	0	0	0	0	0
27. Subtotal(lines 17 thru 26)	**0**	**0**	**0**	**0**	**0**	**0**
28. Construction Engineering(5.00000000% of line 27)	**0**	**0**	**0**	**0**	**0**	**0**
29. Total Cost of Construction(lines 27 & 28)	**0**	**0**	**0**	**0**	**0**	**0**
30. Total Estimated Cost(lines 14, 15, 16, 29 & 5% Contingency)	**0**	**0**	**0**	**0**	**0**	**0**

2007 Appalachian Developement Highway System Cost Estimate

Table B - Design Classification and Cost Estimate by Estimate Sections with Corridor Totals

State: TN ADHS Corridor: J

Section ID	**J03.0.3**	**J03.1.0**	**J03.2.0**	**J04.0.0**	**J04.1.0**	**J04.2.0**
LRS Milepoint: Beginning/Ending	**15.270/16.660**	**16.660/17.570**	**17.570/19.200**	**19.200/20.910**	**0.000/0.510**	**0.510/1.400**
Status	**Completed**	**Completed**	**Completed**	**Completed**	**Completed**	**Completed**
1. Finance Code	20	20	20	20	20	20
2. Section Length(Miles)	1.4	0.9	1.6	1.7	0.5	0.9
3. Class/Urban Code	U/86	U/86	U/86	U/86	U/86	U/86
4. Location:						
---- *a. FIPS State/County/Congressional*	47/65/3	47/65/3	47/65/3	47/65/3	47/65/3	47/65/3
---- *b. HPMS Route/Subroute*	33SR029001/0	33SR029001/0	33SR029001/0	33SR029001/0	33SR111001/0	33SR111001/0
---- *c. HPMS Signed Route/Strip Map #*	2000000027/J2	2000000027/J2	2000000027/J2	2000000027/J2	3000000111/J2	3000000111/J2
5. Estimate Section/NHS Designation	1/NHS	1/NHS	1/NHS	1/NHS	1/NHS	1/NHS
6. Design Speed(mph)	70	70	70	70	70	70
7. Traffic:						
---- *a. ADT-Base Year (2005)*	40,300	40,300	33,200	25,950	8,400	8,400
---- *b. ADT-Year 2015*	76,540	76,540	63,070	49,290	16,800	16,800
---- *c. Design Year*	1,996	1,998	1,998	2,000	2,000	2,000
---- *d. ADT-Design Year*	30,200	35,300	29,000	32,400	12,300	12,300
---- *e. DHV-Design Year*	3,322	3,883	3,181	3,564	1,599	1,599
---- *f. % Truck Design Year(DHV)*	7	7	7	7	8	8
---- *g. % Truck Design Year(ADT)*	9	9	9	9	10	10
---- *h. Directional Distribution Factor*	60	60	60	60	60	60
8. Number of Lanes to be Constructed this Estimate	0	0	0	0	0	0
9. Ultimate Number of Through Traffic Lanes	4	4	4	4	4	4
10. Typical X-Section of Reference/Access Control	B/Full	B/Full	B/Full	F/Full	F/Full	F/Full
11. Right-of-Way Width(ft), prevailing	300	300	300	300	300	300
12. Median Width(ft), prevailing	64	64	64	64	64	64
13. Status of Development(Figure 4)	1a	1a	1a	1a	1a	1a

Estimated Cost($1,000) per Work Classification

14. Preliminary Engineering:						
---- *a. Location*	0	0	0	0	0	0
---- *b. Design*	0	0	0	0	0	0
15. Right-of-Way:						
---- *a. Acquisition*	0	0	0	0	0	0
---- *b. Relocation*	0	0	0	0	0	0
16. Utility Adjustments	0	0	0	0	0	0
17. Erosion Control/Clear/Grade/Drain/Minor Structure	0	0	0	0	0	0
18. Subbase, Base, Surfacing, Shoulders	0	0	0	0	0	0
19. Railroad Grade Seperations	0	0	0	0	0	0
20. Highway Grade Seperations without Ramps	0	0	0	0	0	0
21. Interchanges	0	0	0	0	0	0
22. Other Bridges, Tunnels, and Walls	0	0	0	0	0	0
23. Traffic Control	0	0	0	0	0	0
24. Environmental Mitigation	0	0	0	0	0	0
25. Roadside Improvements:						
---- *a. Landscape Planting*	0	0	0	0	0	0
---- *b. Rest Area, Overlooks*	0	0	0	0	0	0
26. All Other Items	0	0	0	0	0	0
27. Subtotal(lines 17 thru 26)	**0**	**0**	**0**	**0**	**0**	**0**
28. Construction Engineering(5.00000000% of line 27)	**0**	**0**	**0**	**0**	**0**	**0**
29. Total Cost of Construction(lines 27 & 28)	**0**	**0**	**0**	**0**	**0**	**0**
30. Total Estimated Cost(lines 14, 15, 16, 29 & 5% Contingency)	**0**	**0**	**0**	**0**	**0**	**0**

2007 Appalachian Developement Highway System Cost Estimate

Table B - Design Classification and Cost Estimate by Estimate Sections with Corridor Totals

State: TN ADHS Corridor: J

Section ID	**J05.0.0**	**J05.1.0**	**J06.0.0**	**J06.1.0**	**J08.0.0**	**J09.0.0**
LRS Milepoint: Beginning/Ending	**1.400/3.600**	**3.600/7.350**	**0.000/3.800**	**3.800/7.250**	**7.250/10.070**	**17.550/18.640**
Status	**Completed**	**Completed**	**Completed**	**Completed**	**Completed**	**Completed**
1. Finance Code	20	20	20	20	20	20
2. Section Length(Miles)	2.2	3.8	3.8	3.8	2.5	1.1
3. Class/Urban Code	R/0	R/0	R/0	R/0	R/0	R/0
4. Location:						
---- *a. FIPS State/County/Congressional*	47/65/3	47/65/3	47/153/3	47/153/4	47/153/4	47/153/4
---- *b. HPMS Route/Subroute*	33SR111001/0	33SR111001/0	77SR111001/0	77SR111001/0	77SR111001/0	77SR008001/0
---- *c. HPMS Signed Route/Strip Map #*	3000000111/J2	3000000111/J3	3000000111/J3	3000000111/J3	3000000111/J3	3000000008/J4
5. Estimate Section/NHS Designation	1/NHS	1/NHS	1/NHS	1/NHS	1/NHS	1/NHS
6. Design Speed(mph)	60	60	60	60	60	60
7. Traffic:						
---- *a. ADT-Base Year (2005)*	8,400	8,400	8,250	8,250	6,150	8,400
---- *b. ADT-Year 2015*	16,800	16,800	16,500	16,500	9,290	16,800
---- *c. Design Year*	2,007	2,007	2,007	2,007	2,007	2,000
---- *d. ADT-Design Year*	16,300	16,300	14,900	14,900	9,300	8,400
---- *e. DHV-Design Year*	2,119	2,119	1,937	1,937	1,209	1,092
---- *f. % Truck Design Year(DHV)*	8	8	10	10	10	15
---- *g. % Truck Design Year(ADT)*	10	10	12	12	12	16
---- *h. Directional Distribution Factor*	60	60	60	60	60	60
8. Number of Lanes to be Constructed this Estimate	0	0	0	0	0	0
9. Ultimate Number of Through Traffic Lanes	4	4	4	4	4	4
10. Typical X-Section of Reference/Access Control	F/Full	B/Full	B/Full	F/Full	B/Full	C/None
11. Right-of-Way Width(ft), prevailing	300	300	300	300	300	120
12. Median Width(ft), prevailing	16	64	64	64	64	0
13. Status of Development(Figure 4)	1a	1a	1a	1a	1a	1a

Estimated Cost($1,000) per Work Classification

14. Preliminary Engineering:						
---- *a. Location*	0	0	0	0	0	0
---- *b. Design*	0	0	0	0	0	0
15. Right-of-Way:						
---- *a. Acquisition*	0	0	0	0	0	0
---- *b. Relocation*	0	0	0	0	0	0
16. Utility Adjustments	0	0	0	0	0	0
17. Erosion Control/Clear/Grade/Drain/Minor Structure	0	0	0	0	0	0
18. Subbase, Base, Surfacing, Shoulders	0	0	0	0	0	0
19. Railroad Grade Seperations	0	0	0	0	0	0
20. Highway Grade Seperations without Ramps	0	0	0	0	0	0
21. Interchanges	0	0	0	0	0	0
22. Other Bridges, Tunnels, and Walls	0	0	0	0	0	0
23. Traffic Control	0	0	0	0	0	0
24. Environmental Mitigation	0	0	0	0	0	0
25. Roadside Improvements:						
---- *a. Landscape Planting*	0	0	0	0	0	0
---- *b. Rest Area, Overlooks*	0	0	0	0	0	0
26. All Other Items	0	0	0	0	0	0
27. Subtotal(lines 17 thru 26)	**0**	**0**	**0**	**0**	**0**	**0**
28. Construction Engineering(5.00000000% of line 27)	**0**	**0**	**0**	**0**	**0**	**0**
29. Total Cost of Construction(lines 27 & 28)	**0**	**0**	**0**	**0**	**0**	**0**
30. Total Estimated Cost(lines 14, 15, 16, 29 & 5% Contingency)	**0**	**0**	**0**	**0**	**0**	**0**

2007 Appalachian Developement Highway System Cost Estimate

Table B - Design Classification and Cost Estimate by Estimate Sections with Corridor Totals

State: TN ADHS Corridor: J

Section ID	**J10.0.0**	**J11.0.0**	**J12.0.0**	**J12.1.0**	**J13.0.0**	**J14.0.0**
LRS Milepoint: Beginning/Ending	**18.640/23.300**	**23.300/30.070**	**10.070/10.510**	**10.510/11.150**	**0.000/5.800**	**5.800/8.780**
Status	**Completed**	**Completed**	**Completed**	**Completed**	**Stage Construction**	**Completed**
1. Finance Code	20	20	20	20	21	20
2. Section Length(Miles)	4.7	6.8	0.4	0.6	5.8	3
3. Class/Urban Code	R/0	R/0	R/0	R/0	R/0	R/0
4. Location:						
---- *a. FIPS State/County/Congressional*	47/153/4	47/153/4	47/153/4	47/153/4	47/175/4	47/175/4
---- *b. HPMS Route/Subroute*	77SR008001/0	77SR008001/0	77SR111001/1	77SR111001/1	88SR111001/0	88SR111001/0
---- *c. HPMS Signed Route/Strip Map #*	3000000008/J4	3000000008/J4	3000000111/J5	3000000111/J5	3000000111/J5	3000000111/J5
5. Estimate Section/NHS Designation	1/NHS	1/NHS	1/NHS	1/NHS	1/NHS	1/NHS
6. Design Speed(mph)	50	70	70	70	70	70
7. Traffic:						
---- *a. ADT-Base Year (2005)*	7,350	6,600	4,500	4,500	3,900	4,950
---- *b. ADT-Year 2015*	14,700	13,200	9,000	9,000	7,800	9,900
---- *c. Design Year*	2,000	2,004	2,004	2,004	2,026	2,004
---- *d. ADT-Design Year*	9,300	8,300	5,700	5,700	8,190	6,200
---- *e. DHV-Design Year*	1,209	1,079	741	741	1,065	806
---- *f. % Truck Design Year(DHV)*	15	15	17	17	17	14
---- *g. % Truck Design Year(ADT)*	16	16	18	18	18	16
---- *h. Directional Distribution Factor*	60	60	60	60	60	60
8. Number of Lanes to be Constructed this Estimate	0	0	0	0	2	0
9. Ultimate Number of Through Traffic Lanes	4	4	4	4	4	4
10. Typical X-Section of Reference/Access Control	C/None	D/None	D/None	B/None	B/None	B/None
11. Right-of-Way Width(ft), prevailing	150	300	300	300	300	300
12. Median Width(ft), prevailing	0	64	64	64	64	48
13. Status of Development(Figure 4)	1a	1a	1a	1a	3a3a	1a

Estimated Cost($1,000) per Work Classification

14. Preliminary Engineering:						
---- *a. Location*	0	0	0	0	0	0
---- *b. Design*	0	0	0	0	0	0
15. Right-of-Way:						
---- *a. Acquisition*	0	0	0	0	0	0
---- *b. Relocation*	0	0	0	0	0	0
16. Utility Adjustments	0	0	0	0	0	0
17. Erosion Control/Clear/Grade/Drain/Minor Structure	0	0	0	0	0	0
18. Subbase, Base, Surfacing, Shoulders	0	0	0	0	0	0
19. Railroad Grade Seperations	0	0	0	0	0	0
20. Highway Grade Seperations without Ramps	0	0	0	0	0	0
21. Interchanges	0	0	0	0	8,961	0
22. Other Bridges, Tunnels, and Walls	0	0	0	0	0	0
23. Traffic Control	0	0	0	0	43	0
24. Environmental Mitigation	0	0	0	0	0	0
25. Roadside Improvements:						
---- *a. Landscape Planting*	0	0	0	0	0	0
---- *b. Rest Area, Overlooks*	0	0	0	0	0	0
26. All Other Items	0	0	0	0	537	0
27. Subtotal(lines 17 thru 26)	**0**	**0**	**0**	**0**	**9,541**	**0**
28. Construction Engineering(5.00000000% of line 27)	**0**	**0**	**0**	**0**	**477**	**0**
29. Total Cost of Construction(lines 27 & 28)	**0**	**0**	**0**	**0**	**10,018**	**0**
30. Total Estimated Cost(lines 14, 15, 16, 29 & 5% Contingency)	**0**	**0**	**0**	**0**	**10,519**	**0**

2007 Appalachian Developement Highway System Cost Estimate

Table B - Design Classification and Cost Estimate by Estimate Sections with Corridor Totals

State: TN ADHS Corridor: J

Section ID	**J14.1.0**	**J15.0.0**	**J16.0.0**	**J17.0.0**	**J18.0.0**	**J18.1.0**
LRS Milepoint: Beginning/Ending	**8.780/12.410**	**12.410/13.960**	**13.960/17.840**	**17.840/19.540**	**0.000/1.800**	**1.800/3.900**
Status	**Final Construction**	**Completed**	**Completed**	**Stage Construction**	**Completed**	**Completed**
1. Finance Code	20	20	20	21	20	20
2. Section Length(Miles)	3.6	1.6	3.9	1.7	1.8	2.1
3. Class/Urban Code	R/0	R/0	R/0	R/0	R/0	R/0
4. Location:						
---- *a. FIPS State/County/Congressional*	47/175/4	47/175/4	47/175/4	47/175/4	47/185/4	47/185/4
---- *b. HPMS Route/Subroute*	88SR111001/0	88SR111001/0	88SR111001/0	88SR111001/0	93SR111001/0	93SR111001/0
---- *c. HPMS Signed Route/Strip Map #*	3000000111/J5	3000000111/J6	3000000111/J6	3000000111/J6	3000000111/J6	3000000111/J6
5. Estimate Section/NHS Designation	1/NHS	1/NHS	1/NHS	1/NHS	1/NHS	1/NHS
6. Design Speed(mph)	70	70	70	50	60	60
7. Traffic:						
---- *a. ADT-Base Year (2005)*	7,350	7,350	6,900	7,350	8,700	8,700
---- *b. ADT-Year 2015*	14,700	14,700	13,800	14,700	16,530	16,530
---- *c. Design Year*	2,004	2,004	2,004	2,012	2,007	2,007
---- *d. ADT-Design Year*	9,300	9,300	8,700	9,300	10,900	10,900
---- *e. DHV-Design Year*	1,209	1,209	1,131	1,209	1,417	1,417
---- *f. % Truck Design Year(DHV)*	10	10	10	11	10	10
---- *g. % Truck Design Year(ADT)*	12	12	12	13	12	12
---- *h. Directional Distribution Factor*	60	60	60	60	60	60
8. Number of Lanes to be Constructed this Estimate	0	0	0	0	0	0
9. Ultimate Number of Through Traffic Lanes	4	4	4	4	4	4
10. Typical X-Section of Reference/Access Control	B/None	C/None	C/None	B/None	B/None	B/None
11. Right-of-Way Width(ft), prevailing	300	120	120	300	300	300
12. Median Width(ft), prevailing	48	0	0	64	64	64
13. Status of Development(Figure 4)	3a2	1a	1a	3a3a	1a	1a

Estimated Cost($1,000) per Work Classification

14. Preliminary Engineering:						
---- *a. Location*	0	0	0	0	0	0
---- *b. Design*	0	0	0	543	0	0
15. Right-of-Way:						
---- *a. Acquisition*	0	0	0	0	0	0
---- *b. Relocation*	0	0	0	0	0	0
16. Utility Adjustments	0	0	0	0	0	0
17. Erosion Control/Clear/Grade/Drain/Minor Structure	0	0	0	0	0	0
18. Subbase, Base, Surfacing, Shoulders	0	0	0	1,950	0	0
19. Railroad Grade Seperations	0	0	0	0	0	0
20. Highway Grade Seperations without Ramps	0	0	0	0	0	0
21. Interchanges	0	0	0	8,623	0	0
22. Other Bridges, Tunnels, and Walls	0	0	0	0	0	0
23. Traffic Control	0	0	0	86	0	0
24. Environmental Mitigation	0	0	0	0	0	0
25. Roadside Improvements:						
---- *a. Landscape Planting*	0	0	0	29	0	0
---- *b. Rest Area, Overlooks*	0	0	0	0	0	0
26. All Other Items	0	0	0	952	0	0
27. Subtotal(lines 17 thru 26)	**0**	**0**	**0**	**11,640**	**0**	**0**
28. Construction Engineering(5.00000000% of line 27)	**0**	**0**	**0**	**582**	**0**	**0**
29. Total Cost of Construction(lines 27 & 28)	**0**	**0**	**0**	**12,222**	**0**	**0**
30. Total Estimated Cost(lines 14, 15, 16, 29 & 5% Contingency)	**0**	**0**	**0**	**13,403**	**0**	**0**

2007 Appalachian Developement Highway System Cost Estimate

Table B - Design Classification and Cost Estimate by Estimate Sections with Corridor Totals

State: TN ADHS Corridor: J

Section ID	**J20.0.0**	**J20.1.0**	**J21.0.0**	**J21.1.0**	**J21.2.0**	**J21.3.0**
LRS Milepoint: Beginning/Ending	**3.900/6.050**	**6.050/6.650**	**6.650/7.270**	**7.270/8.310**	**8.310/9.980**	**9.980/10.590**
Status	**Completed**	**Completed**	**Stage Construction**	**Stage Construction**	**Completed**	**Completed**
1. Finance Code	20	20	21	21	20	20
2. Section Length(Miles)	2.1	0.6	0.6	1	1.7	0.6
3. Class/Urban Code	R/0	U/277	U/277	U/277	U/277	U/277
4. Location:						
---- *a. FIPS State/County/Congressional*	47/185/4	47/185/4	47/185/4	47/185/4	47/185/4	47/185/4
---- *b. HPMS Route/Subroute*	93SR111001/0	93SR111001/0	93SR111001/0	93SR111001/0	93SR111001/0	93SR111001/0
---- *c. HPMS Signed Route/Strip Map #*	3000000111/J7	3000000111/J7	3000000111/J7	3000000111/J7	3000000111/J7	3000000111/J7
5. Estimate Section/NHS Designation	1/NHS	1/NHS	1/NHS	1/NHS	1/NHS	1/NHS
6. Design Speed(mph)	70	70	70	60	60	60
7. Traffic:						
---- *a. ADT-Base Year (2005)*	13,000	13,000	15,950	15,950	16,350	16,350
---- *b. ADT-Year 2015*	37,450	37,540	27,170	27,170	27,840	27,840
---- *c. Design Year*	2,004	2,004	2,009	2,009	2,000	2,000
---- *d. ADT-Design Year*	11,800	11,800	18,800	15,700	16,100	16,100
---- *e. DHV-Design Year*	1,534	1,534	2,444	2,041	2,093	2,093
---- *f. % Truck Design Year(DHV)*	10	10	9	9	9	9
---- *g. % Truck Design Year(ADT)*	12	12	12	12	12	12
---- *h. Directional Distribution Factor*	60	60	60	60	60	60
8. Number of Lanes to be Constructed this Estimate	0	0	0	0	0	0
9. Ultimate Number of Through Traffic Lanes	4	4	4	4	4	4
10. Typical X-Section of Reference/Access Control	B/None	B/None	B/Partial	B/Partial	B/Partial	B/Full
11. Right-of-Way Width(ft), prevailing	120	120	120	300	300	300
12. Median Width(ft), prevailing	48	48	48	64	64	64
13. Status of Development(Figure 4)	1a	1a	3a3a	3a3a	1a	1a
Estimated Cost($1,000) per Work Classification						
14. Preliminary Engineering:						
---- *a. Location*	0	0	0	0	0	0
---- *b. Design*	0	0	63	85	0	0
15. Right-of-Way:						
---- *a. Acquisition*	0	0	0	0	0	0
---- *b. Relocation*	0	0	0	0	0	0
16. Utility Adjustments	0	0	0	0	0	0
17. Erosion Control/Clear/Grade/Drain/Minor Structure	0	0	0	261	0	0
18. Subbase, Base, Surfacing, Shoulders	0	0	159	265	0	0
19. Railroad Grade Seperations	0	0	929	0	0	0
20. Highway Grade Seperations without Ramps	0	0	0	970	0	0
21. Interchanges	0	0	0	0	0	0
22. Other Bridges, Tunnels, and Walls	0	0	0	0	0	0
23. Traffic Control	0	0	86	86	0	0
24. Environmental Mitigation	0	0	0	0	0	0
25. Roadside Improvements:						
---- *a. Landscape Planting*	0	0	31	31	0	0
---- *b. Rest Area, Overlooks*	0	0	0	0	0	0
26. All Other Items	0	0	52	87	0	0
27. Subtotal(lines 17 thru 26)	**0**	**0**	**1,257**	**1,700**	**0**	**0**
28. Construction Engineering(5.00000000% of line 27)	**0**	**0**	**63**	**85**	**0**	**0**
29. Total Cost of Construction(lines 27 & 28)	**0**	**0**	**1,320**	**1,785**	**0**	**0**
30. Total Estimated Cost(lines 14, 15, 16, 29 & 5% Contingency)	**0**	**0**	**1,452**	**1,964**	**0**	**0**

2007 Appalachian Developement Highway System Cost Estimate

Table B - Design Classification and Cost Estimate by Estimate Sections with Corridor Totals

State: TN ADHS Corridor: J

Section ID	**J21.3.1**	**J22.0.0**	**J23.0.0**	**J23.1.0**	**J23.2.0**	**J24.0.0**
LRS Milepoint: Beginning/Ending	**10.590/10.730**	**10.730/18.720**	**0.000/0.770**	**0.770/3.530**	**3.530/5.540**	**5.540/7.750**
Status	**Completed**	**Completed**	**Completed**	**Completed**	**Completed**	**Completed**
1. Finance Code	20	20	20	20	20	20
2. Section Length(Miles)	0.2	8	0.8	2.8	2	2.2
3. Class/Urban Code	R/0	R/0	U/64	U/64	U/64	U/64
4. Location:						
---- *a. FIPS State/County/Congressional*	47/185/4	47/185/4	47/141/6	47/141/6	47/141/6	47/141/6
---- *b. HPMS Route/Subroute*	93SR111001/0	93SR111001/0	71SR111001/0	71SR111001/0	71SR111001/0	71SR111001/0
---- *c. HPMS Signed Route/Strip Map #*	3000000111/J7	3000000111/J7	3000000111/J8	3000000111/J8	3000000111/J8	3000000111/J8
5. Estimate Section/NHS Designation	1/NHS	1/NHS	1/NHS	1/NHS	1/NHS	1/NHS
6. Design Speed(mph)	60	70	70	70	70	70
7. Traffic:						
---- *a. ADT-Base Year (2005)*	16,350	15,400	15,400	15,400	19,000	24,300
---- *b. ADT-Year 2015*	27,840	26,210	26,210	26,210	30,450	38,850
---- *c. Design Year*	2,000	2,000	2,000	2,000	2,000	2,000
---- *d. ADT-Design Year*	16,100	19,600	19,600	15,200	19,000	24,300
---- *e. DHV-Design Year*	2,093	2,548	2,548	1,976	2,280	2,916
---- *f. % Truck Design Year(DHV)*	9	9	9	9	12	12
---- *g. % Truck Design Year(ADT)*	12	12	12	12	16	16
---- *h. Directional Distribution Factor*	60	60	60	60	60	60
8. Number of Lanes to be Constructed this Estimate	0	0	0	0	0	0
9. Ultimate Number of Through Traffic Lanes	4	4	4	4	4	4
10. Typical X-Section of Reference/Access Control	B/Full	B/Full	B/Partial	B/Partial	B/Partial	B/Full
11. Right-of-Way Width(ft), prevailing	300	300	300	300	300	300
12. Median Width(ft), prevailing	64	64	64	64	64	64
13. Status of Development(Figure 4)	1a	1a	1a	1a	1a	1a
Estimated Cost($1,000) per Work Classification						
14. Preliminary Engineering:						
---- *a. Location*	0	0	0	0	0	0
---- *b. Design*	0	0	0	0	0	0
15. Right-of-Way:						
---- *a. Acquisition*	0	0	0	0	0	0
---- *b. Relocation*	0	0	0	0	0	0
16. Utility Adjustments	0	0	0	0	0	0
17. Erosion Control/Clear/Grade/Drain/Minor Structure	0	0	0	0	0	0
18. Subbase, Base, Surfacing, Shoulders	0	0	0	0	0	0
19. Railroad Grade Seperations	0	0	0	0	0	0
20. Highway Grade Seperations without Ramps	0	0	0	0	0	0
21. Interchanges	0	0	0	0	0	0
22. Other Bridges, Tunnels, and Walls	0	0	0	0	0	0
23. Traffic Control	0	0	0	0	0	0
24. Environmental Mitigation	0	0	0	0	0	0
25. Roadside Improvements:						
---- *a. Landscape Planting*	0	0	0	0	0	0
---- *b. Rest Area, Overlooks*	0	0	0	0	0	0
26. All Other Items	0	0	0	0	0	0
27. Subtotal(lines 17 thru 26)	**0**	**0**	**0**	**0**	**0**	**0**
28. Construction Engineering(5.00000000% of line 27)	**0**	**0**	**0**	**0**	**0**	**0**
29. Total Cost of Construction(lines 27 & 28)	**0**	**0**	**0**	**0**	**0**	**0**
30. Total Estimated Cost(lines 14, 15, 16, 29 & 5% Contingency)	**0**	**0**	**0**	**0**	**0**	**0**

2007 Appalachian Developement Highway System Cost Estimate

Table B - Design Classification and Cost Estimate by Estimate Sections with Corridor Totals

State: TN ADHS Corridor: J

Section ID	**J25.0.0**	**J25.1.0**	**J26.1.0**	**J26.2.0**	**J26.3.0**	**J26.4.0**
LRS Milepoint: Beginning/Ending	**7.750/8.150**	**8.150/9.030**	**9.030/12.960**	**0.000/9.760**	**9.760/11.040**	**11.040/12.410**
Status	**Completed**	**Completed**	**NP**	**NP**	**NP**	**NP**
1. Finance Code	20	20	20	20	20	20
2. Section Length(Miles)	0.4	0.9	3.9	9.8	1.3	1.4
3. Class/Urban Code	U/64	R/0	R/0	R/0	R/0	R/0
4. Location:						
---- *a. FIPS State/County/Congressional*	47/141/6	47/141/6	47/141/06	47/133/06	47/133/06	47/133/06
---- *b. HPMS Route/Subroute*	71SR111001/0	71SR111001/0	71SR100001/00	67SR111001/00	67SR111001/00	67SR111001/00
---- *c. HPMS Signed Route/Strip Map #*	3000000111/J9	3000000111/J9	3000000111/J9	3000000111/J9	3000000111/J10	3000000111/J10
5. Estimate Section/NHS Designation	1/NHS	1/NHS	2/NHS	2/NHS	2/NHS	2/NHS
6. Design Speed(mph)	70	70	70	70	70	70
7. Traffic:						
---- *a. ADT-Base Year (2005)*	28,450	28,450	18,350	15,350	15,350	14,000
---- *b. ADT-Year 2015*	45,470	45,470	24,010	23,600	23,600	18,670
---- *c. Design Year*	1,998	1,998	2,013	2,015	2,015	2,028
---- *d. ADT-Design Year*	25,600	25,600	20,800	19,900	19,900	22,400
---- *e. DHV-Design Year*	3,072	3,072	2,080	2,189	1,990	2,400
---- *f. % Truck Design Year(DHV)*	10	10	10	11	10	10
---- *g. % Truck Design Year(ADT)*	14	14	12	13	12	12
---- *h. Directional Distribution Factor*	60	60	65	60	60	60
8. Number of Lanes to be Constructed this Estimate	0	0	0	0	0	0
9. Ultimate Number of Through Traffic Lanes	4	4	4	4	4	4
10. Typical X-Section of Reference/Access Control	B/Full	B/Full	D/Partial	D/Partial	G/Partial	G/None
11. Right-of-Way Width(ft), prevailing	300	300	300	300	300	180
12. Median Width(ft), prevailing	64	64	64	64	12	12
13. Status of Development(Figure 4)	1a	1a	np	np	np	np
Estimated Cost($1,000) per Work Classification						
14. Preliminary Engineering:						
---- *a. Location*	0	0	0	0	0	0
---- *b. Design*	0	0	0	0	0	0
15. Right-of-Way:						
---- *a. Acquisition*	0	0	0	0	0	0
---- *b. Relocation*	0	0	0	0	0	0
16. Utility Adjustments	0	0	0	0	0	0
17. Erosion Control/Clear/Grade/Drain/Minor Structure	0	0	0	0	0	0
18. Subbase, Base, Surfacing, Shoulders	0	0	0	0	0	0
19. Railroad Grade Seperations	0	0	0	0	0	0
20. Highway Grade Seperations without Ramps	0	0	0	0	0	0
21. Interchanges	0	0	0	0	0	0
22. Other Bridges, Tunnels, and Walls	0	0	0	0	0	0
23. Traffic Control	0	0	0	0	0	0
24. Environmental Mitigation	0	0	0	0	0	0
25. Roadside Improvements:						
---- *a. Landscape Planting*	0	0	0	0	0	0
---- *b. Rest Area, Overlooks*	0	0	0	0	0	0
26. All Other Items	0	0	0	0	0	0
27. Subtotal(lines 17 thru 26)	**0**	**0**	**0**	**0**	**0**	**0**
28. Construction Engineering(5.00000000% of line 27)	**0**	**0**	**0**	**0**	**0**	**0**
29. Total Cost of Construction(lines 27 & 28)	**0**	**0**	**0**	**0**	**0**	**0**
30. Total Estimated Cost(lines 14, 15, 16, 29 & 5% Contingency)	**0**	**0**	**0**	**0**	**0**	**0**

2007 Appalachian Developement Highway System Cost Estimate

Table B - Design Classification and Cost Estimate by Estimate Sections with Corridor Totals

State: TN ADHS Corridor: J

Section ID	**J26.5.0**	**J26.6.0**	**J26.7.0**	**J26.8.0**	**J26.9.0**	**J26.9.1**
LRS Milepoint: Beginning/Ending	**10.160/8.130**	**8.130/6.760**	**6.760/0.400**	**0.400/0.000**	**5.900/0.000**	**20.710/20.570**
Status	**Location Study**	**Location Study**	**NP**	**Design/RoW**	**Design/RoW**	**Completed**
1. Finance Code	23	23	20	23	23	20
2. Section Length(Miles)	2	1.4	6.4	0.4	5.9	0.1
3. Class/Urban Code	R/0	R/0	R/0	R/0	R/0	R/0
4. Location:						
---- *a. FIPS State/County/Congressional*	47/133/06	47/133/06	47/133/06	47/133/06	47/027/06	47/27/6
---- *b. HPMS Route/Subroute*	67SR052001/00	67SR052001/00	67SR052001/00	67SR052001/00	14SR052001/00	14SR052001/0
---- *c. HPMS Signed Route/Strip Map #*	3000000052/J10	3000000052/J10	3000000052/J10	3000000052/J11	3000000052/J11	3000000052/J11
5. Estimate Section/NHS Designation	1/None	1/None	2/None	1/None	1/None	1/None
6. Design Speed(mph)	60	60	60	60	60	50
7. Traffic:						
---- *a. ADT-Base Year (2005)*	6,750	6,250	4,550	4,550	4,100	6,500
---- *b. ADT-Year 2015*	9,820	9,380	7,800	7,800	6,750	11,100
---- *c. Design Year*	2,029	2,029	2,028	2,025	2,025	2,000
---- *d. ADT-Design Year*	14,110	13,750	9,300	11,440	9,390	8,900
---- *e. DHV-Design Year*	1,129	1,100	930	1,144	939	1,157
---- *f. % Truck Design Year(DHV)*	9	9	9	9	9	7
---- *g. % Truck Design Year(ADT)*	14	14	14	14	14	10
---- *h. Directional Distribution Factor*	55	55	55	55	55	60
8. Number of Lanes to be Constructed this Estimate	4	4	0	0	4	0
9. Ultimate Number of Through Traffic Lanes	4	4	4	4	4	2
10. Typical X-Section of Reference/Access Control	B/None	B/None	B/None	B/None	B/None	C/None
11. Right-of-Way Width(ft), prevailing	300	300	300	300	300	200
12. Median Width(ft), prevailing	64	48	48	48	48	0
13. Status of Development(Figure 4)	5a1	5a1	np	4a3	4a3	1a

Estimated Cost($1,000) per Work Classification

14. Preliminary Engineering:						
---- *a. Location*	309	210	0	0	0	0
---- *b. Design*	796	539	0	0	0	0
15. Right-of-Way:						
---- *a. Acquisition*	2,303	1,561	0	446	6,001	0
---- *b. Relocation*	234	159	0	46	554	0
16. Utility Adjustments	735	498	0	145	1,102	0
17. Erosion Control/Clear/Grade/Drain/Minor Structure	6,797	4,605	0	1,341	41,621	0
18. Subbase, Base, Surfacing, Shoulders	3,369	2,283	0	665	9,795	0
19. Railroad Grade Seperations	0	0	0	0	0	0
20. Highway Grade Seperations without Ramps	0	0	0	0	800	0
21. Interchanges	0	0	0	0	0	0
22. Other Bridges, Tunnels, and Walls	0	0	0	0	1,680	0
23. Traffic Control	99	67	0	20	289	0
24. Environmental Mitigation	0	0	0	0	0	0
25. Roadside Improvements:						
---- *a. Landscape Planting*	76	52	0	15	221	0
---- *b. Rest Area, Overlooks*	0	0	0	0	0	0
26. All Other Items	710	481	0	140	2,066	0
27. Subtotal(lines 17 thru 26)	**11,051**	**7,488**	**0**	**2,181**	**56,472**	**0**
28. Construction Engineering(5.00000000% of line 27)	**553**	**374**	**0**	**109**	**2,824**	**0**
29. Total Cost of Construction(lines 27 & 28)	**11,604**	**7,862**	**0**	**2,290**	**59,296**	**0**
30. Total Estimated Cost(lines 14, 15, 16, 29 & 5% Contingency)	**16,780**	**11,371**	**0**	**3,073**	**70,300**	**0**

2007 Appalachian Developement Highway System Cost Estimate

Table B - Design Classification and Cost Estimate by Estimate Sections with Corridor Totals

State: TN ADHS Corridor: J

Section ID	**J37.1.0**	**J38.0.0**	**J39.0.0**	**J39.1.0**
LRS Milepoint: Beginning/Ending	**6.790/7.920**	**7.920/8.150**	**8.150/10.970**	**10.970/15.640**
Status	**Completed**	**Completed**	**Completed**	**Stage Construction**
1. Finance Code	20	20	20	21
2. Section Length(Miles)	1.1	0.2	2.8	4.7
3. Class/Urban Code	R/0	R/0	R/0	R/0
4. Location:				
---- *a. FIPS State/County/Congressional*	47/27/6	47/27/6	47/27/6	47/27/6
---- *b. HPMS Route/Subroute*	14SR053001/1	14SR053001/1	14SR053001/1	14SR053001/1
---- *c. HPMS Signed Route/Strip Map #*	3000000053/J11	3000000053/J11	3000000053/J11	3000000053/J12
5. Estimate Section/NHS Designation	1/None	1/None	1/None	1/None
6. Design Speed(mph)	50	50	60	60
7. Traffic:				
---- *a. ADT-Base Year (2005)*	8,800	8,800	6,500	1,600
---- *b. ADT-Year 2015*	15,030	15,030	11,100	2,200
---- *c. Design Year*	2,000	2,000	2,006	2,011
---- *d. ADT-Design Year*	8,900	8,900	8,500	6,200
---- *e. DHV-Design Year*	1,157	1,157	1,105	806
---- *f. % Truck Design Year(DHV)*	7	7	6	6
---- *g. % Truck Design Year(ADT)*	10	10	9	9
---- *h. Directional Distribution Factor*	60	60	60	60
8. Number of Lanes to be Constructed this Estimate	0	0	0	0
9. Ultimate Number of Through Traffic Lanes	2	2	2	2
10. Typical X-Section of Reference/Access Control	C/None	C/None	C/None	C/None
11. Right-of-Way Width(ft), prevailing	200	200	200	200
12. Median Width(ft), prevailing	0	0	0	0
13. Status of Development(Figure 4)	1a	1a	1a	3a3a

Estimated Cost($1,000) per Work Classification

14. Preliminary Engineering:				
---- *a. Location*	0	0	0	0
---- *b. Design*	0	0	0	194
15. Right-of-Way:				
---- *a. Acquisition*	0	0	0	0
---- *b. Relocation*	0	0	0	0
16. Utility Adjustments	0	0	0	0
17. Erosion Control/Clear/Grade/Drain/Minor Structure	0	0	0	0
18. Subbase, Base, Surfacing, Shoulders	0	0	0	623
19. Railroad Grade Seperations	0	0	0	0
20. Highway Grade Seperations without Ramps	0	0	0	0
21. Interchanges	0	0	0	0
22. Other Bridges, Tunnels, and Walls	0	0	0	0
23. Traffic Control	0	0	0	57
24. Environmental Mitigation	0	0	0	0
25. Roadside Improvements:				
---- *a. Landscape Planting*	0	0	0	31
---- *b. Rest Area, Overlooks*	0	0	0	2,963
26. All Other Items	0	0	0	204
27. Subtotal(lines 17 thru 26)	**0**	**0**	**0**	**3,878**
28. Construction Engineering(5.00000000% of line 27)	**0**	**0**	**0**	**194**
29. Total Cost of Construction(lines 27 & 28)	**0**	**0**	**0**	**4,072**
30. Total Estimated Cost(lines 14, 15, 16, 29 & 5% Contingency)	**0**	**0**	**0**	**4,479**

2007 Appalachian Developement Highway System Cost Estimate

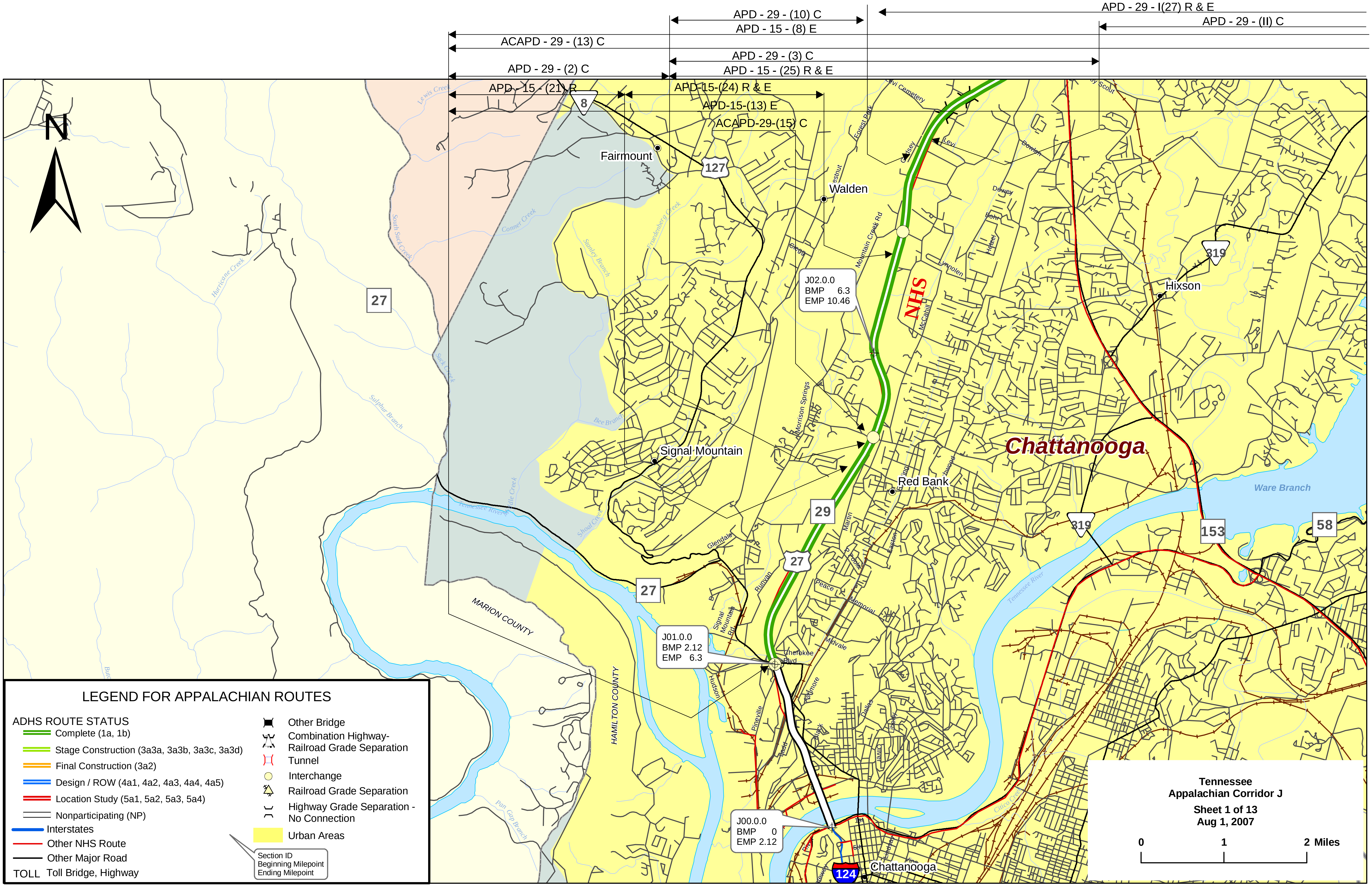
Table B - Design Classification and Cost Estimate by Estimate Sections with Corridor Totals

State: TN ADHS Corridor: J

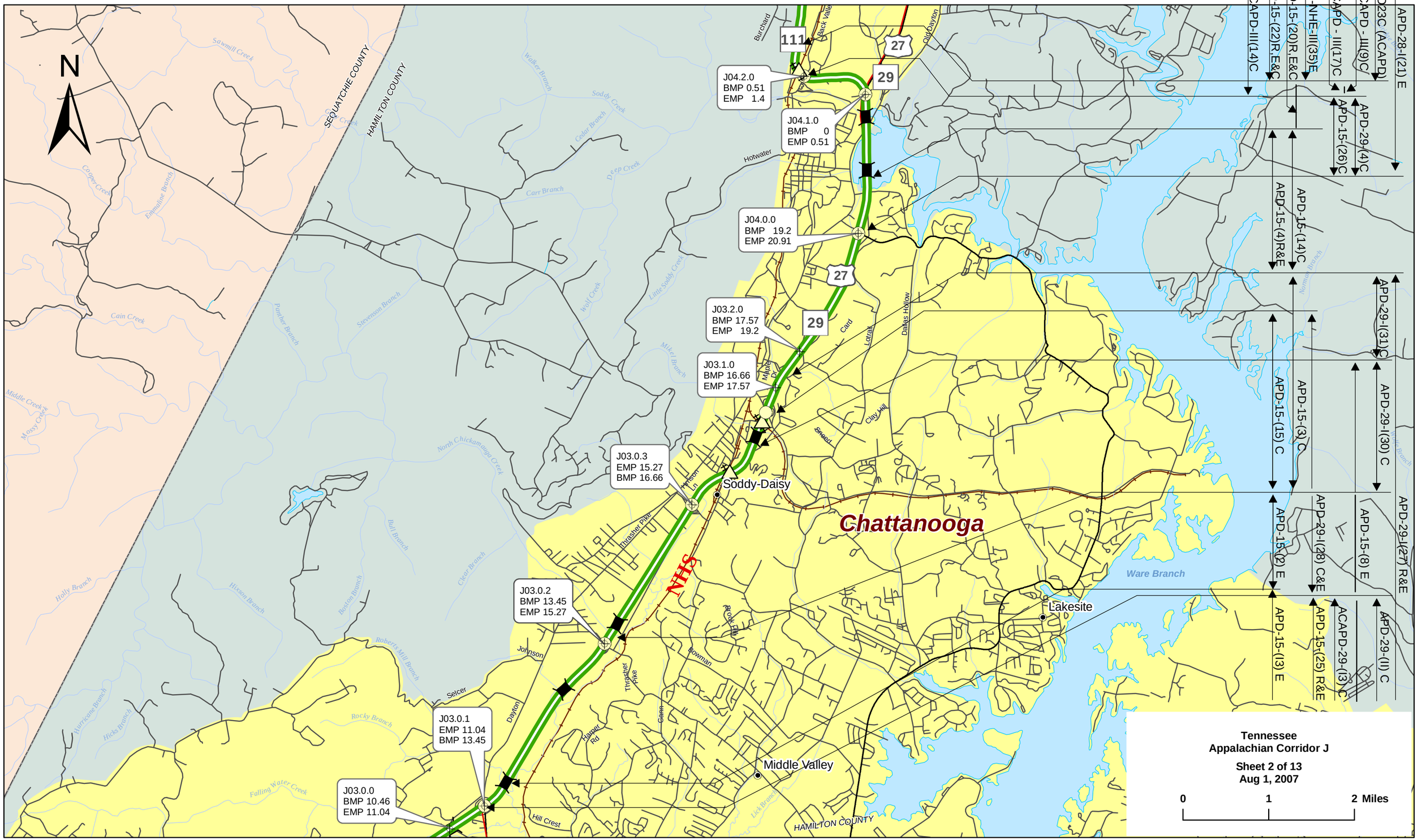
Section ID	**Corridor**	**Rural**	**Urban**
LRS Milepoint	**Total**	**Subtotal**	**Subtotal**
1. Finance Code			
2. Section Length(Miles)	140.80	105.80	35.00
3. Class/Urban Code			
4. Location:			
---- *a. FIPS State/County/Congressional*			
---- *b. HPMS Route/Subroute*			
---- *c. HPMS Signed Route/Strip Map #*			
5. Estimate Section/NHS Designation			
6. Design Speed(mph)			
7. Traffic:			
---- *a. ADT-Base Year (2005)*			
---- *b. ADT-Year 2015*			
---- *c. Design Year*			
---- *d. ADT-Design Year*			
---- *e. DHV-Design Year*			
---- *f. % Truck Design Year(DHV)*			
---- *g. % Truck Design Year(ADT)*			
---- *h. Directional Distribution Factor*			
8. Number of Lanes to be Constructed this Estimate			
9. Ultimate Number of Through Traffic Lanes			
10. Typical X-Section of Reference/Access Control			
11. Right-of-Way Width(ft), prevailing			
12. Median Width(ft), prevailing			
13. Status of Development(Figure 4)			

Estimated Cost($1,000) per Work Classification

14. Preliminary Engineering:			
---- *a. Location*	519	519	0
---- *b. Design*	2,220	2,072	148
15. Right-of-Way:			
---- *a. Acquisition*	10,311	10,311	0
---- *b. Relocation*	993	993	0
16. Utility Adjustments	2,480	2,480	0
17. Erosion Control/Clear/Grade/Drain/Minor Structure	54,625	54,364	261
18. Subbase, Base, Surfacing, Shoulders	19,109	18,685	424
19. Railroad Grade Seperations	929	0	929
20. Highway Grade Seperations without Ramps	1,770	800	970
21. Interchanges	17,584	17,584	0
22. Other Bridges, Tunnels, and Walls	1,680	1,680	0
23. Traffic Control	833	661	172
24. Environmental Mitigation	0	0	0
25. Roadside Improvements:			
---- *a. Landscape Planting*	486	424	62
---- *b. Rest Area, Overlooks*	2,963	2,963	0
26. All Other Items	5,229	5,090	139
27. Subtotal(lines 17 thru 26)	105,208	102,251	2,957
28. Construction Engineering(5.00000000% of line 27)	5,260	5,113	148
29. Total Cost of Construction(lines 27 & 28)	110,468	107,364	3,105
30. Total Estimated Cost(lines 14, 15, 16, 29 & 5% Contingency)	133,341	129,925	3,415



APD - 29 - (10) C
APD - 15 - (8) E
APD - 29 - I(27) R & E
APD - 29 - (II) C
ACAPD - 29 - (13) C
APD - 29 - (3) C
APD - 29 - (2) C
APD - 15 - (25) R & E
APD - 15 - (21) R
APD-15-(24) R & E
APD-15-(13) E
ACAPD-29-(15) C
N
Fairmount
Walden
Signal Mountain
Red Bank
Hixson
Chattanooga
NHS
Ware Branch
MARION COUNTY
HAMILTON COUNTY
8
127
27
29
319
153
58
124
J02.0.0
BMP 6.3
EMP 10.46
J01.0.0
BMP 2.12
EMP 6.3
J00.0.0
BMP 0
EMP 2.12
LEGEND FOR APPALACHIAN ROUTES
ADHS ROUTE STATUS
Complete (1a, 1b)
Stage Construction (3a3a, 3a3b, 3a3c, 3a3d)
Final Construction (3a2)
Design / ROW (4a1, 4a2, 4a3, 4a4, 4a5)
Location Study (5a1, 5a2, 5a3, 5a4)
Nonparticipating (NP)
Interstates
Other NHS Route
Other Major Road
TOLL Toll Bridge, Highway
Other Bridge
Combination Highway-Railroad Grade Separation
Tunnel
Interchange
Railroad Grade Separation
Highway Grade Separation - No Connection
Urban Areas
Section ID
Beginning Milepoint
Ending Milepoint
Tennessee
Appalachian Corridor J
Sheet 1 of 13
Aug 1, 2007
0
1
2 Miles


N
SEQUATCHIE COUNTY
HAMILTON COUNTY
Sawmill Creek
Cooper Creek
Emmaline Branch
Cain Creek
Middle Creek
Mossy Creek
Holly Branch
Hixson Branch
Hurricane Branch
Hicks Branch
Falling Water Creek
Roberts Mill Branch
Boston Branch
Bull Branch
Clear Branch
North Chickamauga Creek
Panther Branch
Stevenson Branch
Carr Branch
Wolf Creek
Little Soddy Creek
Deep Creek
Soddy Creek
Cedar Branch
Walker Branch
Burchard
Back Valley
Old Dayton
Hotwater
Dakes Hollow
Card
Lotrak
Maple Dr
Clay Hill
Sneed
Thrasher Ln
Soddy-Daisy
Thrasher Pike
NHS
Brook Elm
Johnson
Bowman
Selcer
Dayton
Hamer Rd
Gann
Hill Crest
Middle Valley
Lick Branch
Chattanooga
Lakesite
Ware Branch
Norman Branch
White Branch
111
27
29
J04.2.0
BMP 0.51
EMP 1.4
J04.1.0
BMP 0
EMP 0.51
J04.0.0
BMP 19.2
EMP 20.91
J03.2.0
BMP 17.57
EMP 19.2
J03.1.0
BMP 16.66
EMP 17.57
J03.0.3
EMP 15.27
BMP 16.66
J03.0.2
BMP 13.45
EMP 15.27
J03.0.1
EMP 11.04
BMP 13.45
J03.0.0
BMP 10.46
EMP 11.04
APD-28-I(21) E
OIII O23C (ACAPD)
ACAPD - III(9)C
ACAPD - III(17)C
APD-NHE-III(35)E
APD-15-(20)R,E&C
APD-15-(22)R,E&C
ACAPD-III(14)C
APD-29-I(31)C
APD-29-I(30) C
APD-29-I(27) R&E
APD-29-I(28) C&E
APD-29-(II) C
APD-29-(4)C
APD-15-(26)C
APD-15-(14)C
APD-15-(4)R&E
APD-15-(3) C
APD-15-(15) C
APD-15-(8) E
APD-15-(2) E
APD-15-(13) E
APD-15-(25) R&E
ACAPD-29-(3)C
Tennessee
Appalachian Corridor J
Sheet 2 of 13
Aug 1, 2007
0
1
2 Miles

APD - 067 - I(7) E
APD - 067 - I(8) C
APD-NHE-III(44)C
APD-28-I(18)C
APD-28-I(21) E
APD-NHEIII(45)C
APD-NHE-III(48)C
0III 0236 (ACAPD)
APD-NHE-III(48) C
0III 019C (ACAPD)
APD-NHE-III(35) E
0III 024C(ACAPD)
APD-NHE-III(35) E
APD-NHE-III(35) E
APD - NHE - III(36)C
ACAPD-III(8)C
APD-15-(23) R, C
ACAPD-III(12)C
APD-15- (22) R, E & C
ACAPD -III(18) C
ACAPD-III(16)C
ACAPD -III(14) C

N

J10.0.0
BMP 18.64
EMP 23.3

J09.0.0
BMP 17.55
EMP 18.64

J08.0.0
BMP 7.25
EMP 10.07

J06.1.0
BMP 3.8
EMP 7.25

J06.0.0
BMP 0
EMP 3.8

J05.1.0
BMP 3.6
EMP 7.35

J05.0.0
BMP 1.4
EMP 3.6

J04.2.0
BMP 0.51
EMP 1.4

NHS

8
111
27
29

Dunlap
Soddy-Daisy

SEQUATCHIE COUNTY
BLEDSOE COUNTY
HAMILTON COUNTY

Elliott Rd
Cross Rd
Floyd Jamison Rd
Bostontown Rd
Hayden Wilson
East Valley Rd
Smith
Williams
Welch
Davis
Henson
Phelph
Graham
Davis Loop
Tommy Austin
Pine Ridge
Henson Gap
Window Rock Dr
Lewis Chapel
Callahan Rd
Snyder
Harvey
Henton
Bowman
Young Rd
Reed
Ely
Blanchard
Jones Gap
Ledford
Vernor
Coleman
Burchard
Back Valley Rd
Old Dayton

Rogers Branch
Horn Branch
Laurel Branch
Rock Creek
Stewart Branch
Bowman Branch
Possum Creek
Soddy Creek
Wolfe Branch
Big Brush Creek
Coops Creek
Sequatchie River
Cooper Creek
Sawmill Creek
Emmaline Branch
Gray Creek
Harvey Creek
Mer Branch
Board Camp Creek
Big Possum Creek
Rock Creek
Bee Branch
Thomas Branch
Walker Branch
Cedar Branch
Deep Creek
Carr Branch
Cain Creek
Woodcock Creek

Tennessee
Appalachian Corridor J

Sheet 3 of 13
Aug 1, 2007

0 1 2 Miles

APD-100-1(1)E

APD-15-(16)C

APD-NHE-111(37)E

APD-NHE-111(37)E

APD-100-1(9)R

APD-100-1(10)C

APD - 067 - I(7) E

APD - 067 - I(9) E&R&C

APD - 067 - I(10) C

APD - 067 - I(5) R

APD - 067 - I(6) C

APD - 067 - I(11) C

N

VAN BUREN COUNTY

SEQUATCHIE COUNTY

BLEDSOE COUNTY

SEQUATCHIE COUNTY

J13.0.0
BMP 0
EMP 5.8

J12.1.0
BMP 10.51
EMP 11.15

J12.0.0
BMP 10.07
EMP 10.51

J11.0.0
BMP 23.3
EMP 30.07

J10.0.0
BMP 18.64
EMP 23.3

PN

PN

NHS

399

8

Whiteoak Swamps

Woods

Laurel Ridge

Christian

Thrompson

Sherman

McCarver Loop Rd

Fire Tower Rd

Cross

Stocking Rd

Oak Rd

Tetters Loop Rd

Dennis

Robertson Fork

Harmon

Douglas

Mountain View

Wheeler

Elliott Rd

Spring Creek

Big Branch

Rocky River

Dry Creek

Little He Creek

He Creek

Caruenger Creek

Meadow Creek

King Branch

Laurel Creek

Savage Creek

Collins River

Fall Creek

Walker Branch

Cane Creek

Pond Creek

Long Fork

Lamb Creek

Big Brush Creek

Rogers Branch

Sequatchie River

Tennessee
Appalachian Corridor J

Sheet 4 of 13
Aug 1, 2007

0 1 2 Miles

APD-100-1(1)E

APD-15-(17)C

APD-15-(6)R&E

APD-15-(5)R,E&C

APD-15-(12)C

APD-15-(16)C

APD-NHE-III(38)E

APD-NHE-111(37)E

APD-NHE-111(37)E

N

J14.1.0
BMP 8.78
EMP 12.41

J14.0.0
BMP 5.8
EMP 8.78

J13.0.0
BMP 0
EMP 5.8

SHN

SHN

111

284

8

Pine Grove Rd

Denny Bend

Fire Tower

Phifer Mine

Old Fish Pond

Tippit Rd

Shockley Cemetery Rd

Bellview Cir

State

Old

Army camp

VAN BUREN COUNTY

Long Fork Creek

Pine Branch

Dry Fork

Rocky Branch

Bee Fork

Piney Creek

Fall Creek

Rockhouse Creek

Flat Rock Branch

Pineorchard Creek

Cane Creek

Sycamore Branch

Harper Branch

Rocky River

Longrock Branch

Samples Fork

Mill Branch

Big Sandy Branch

Green Sea Branch

Little Sandy Branch

Big Branch

Big Branch Creek

Laurel Creek

Spring Creek

Meadow Creek

Gardner Creek

Turkey Creek

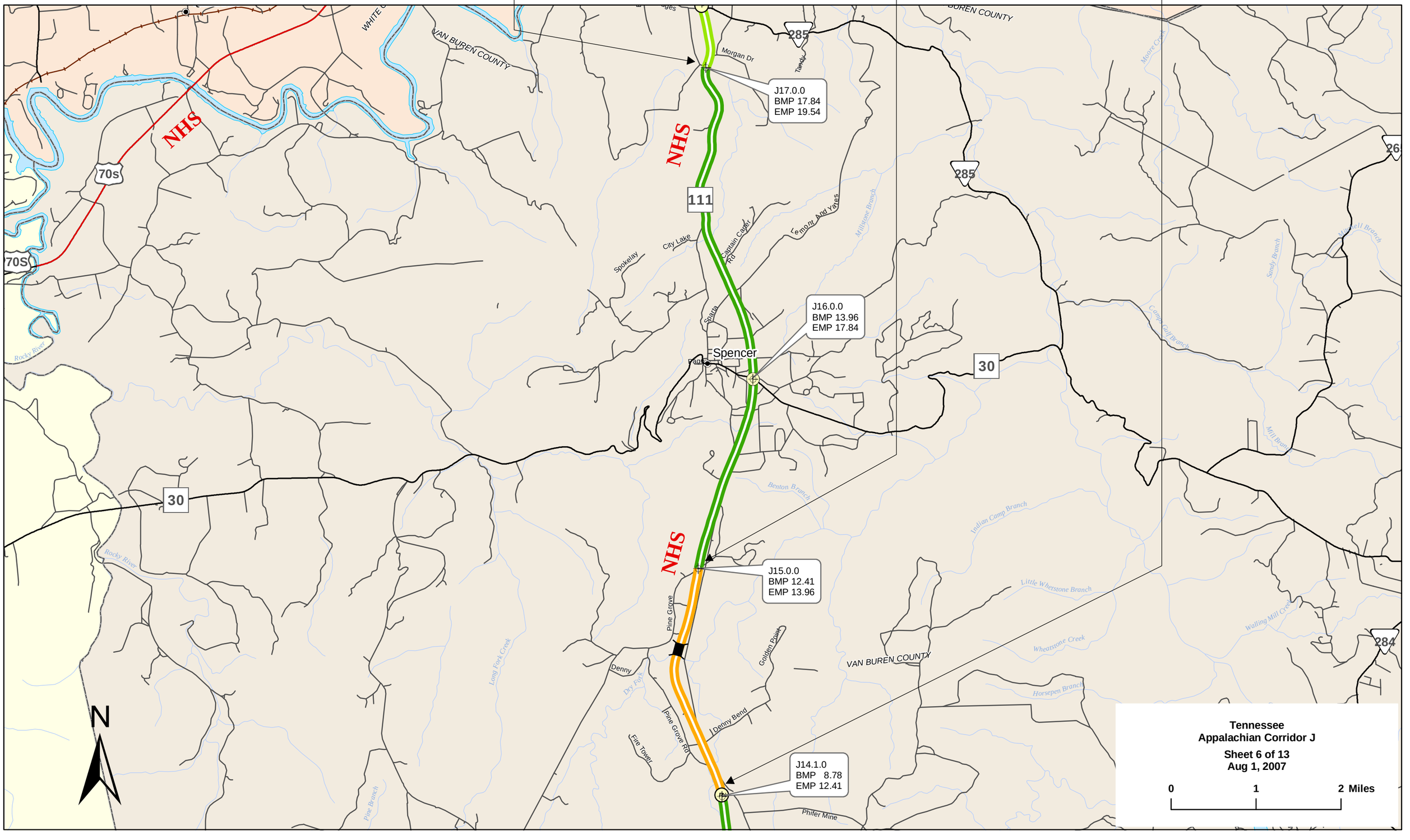
Tennessee
Appalachian Corridor J

Sheet 5 of 13
Aug 1, 2007

0 1 2 Miles

APD-100-1(1)E

OIII 027R (ACAPD) OIII 029C (ACAPD) | APD-100-1(2)R / APD-100-1(3)C | APD-15-(6)R&E / APD-15-(12)C / APD-NHE-III(38)E | APD-15-(17)C / APD-15-(5)R,E&C

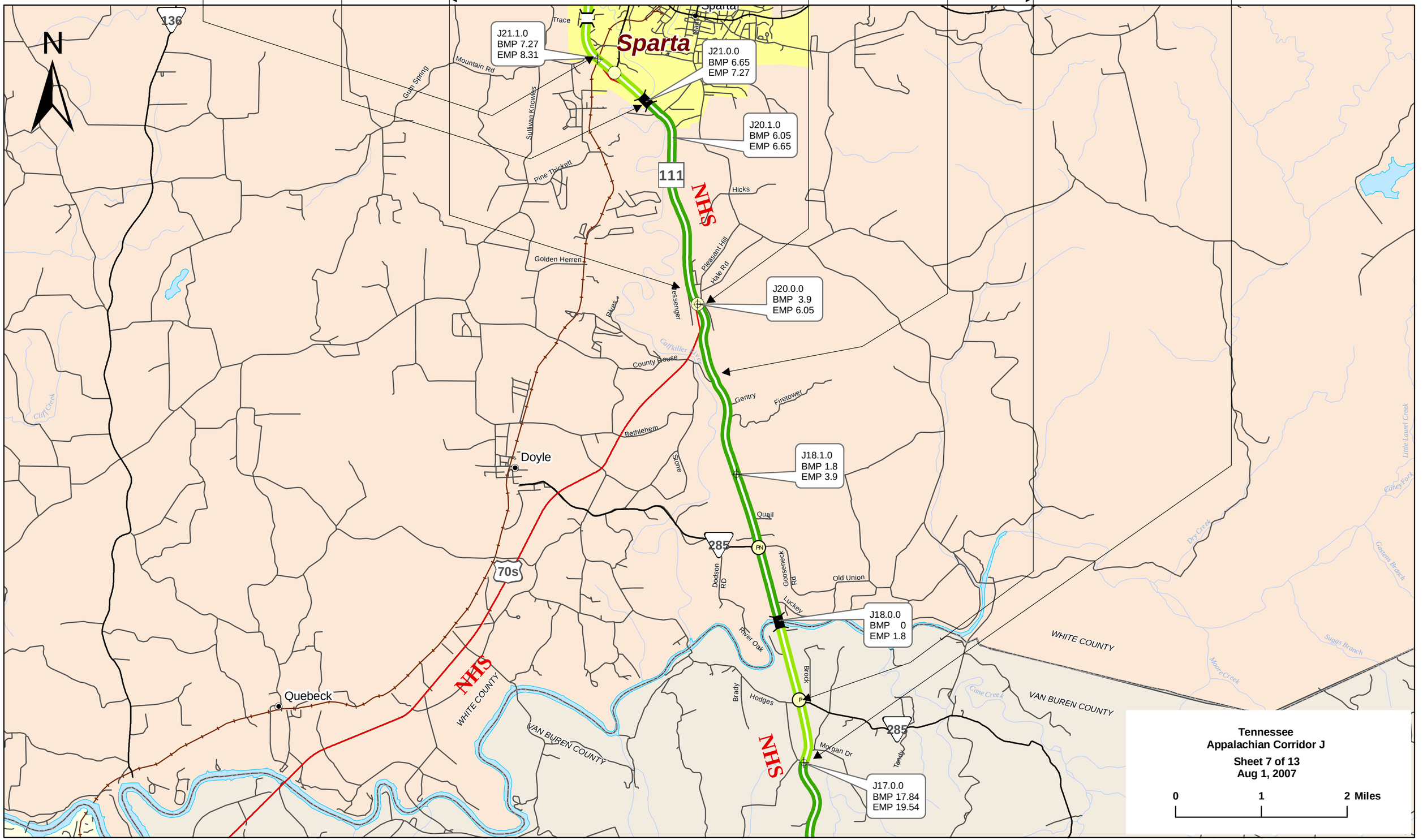


APD-100-1(1)E

APD-100-I(6)R&E | APD-100-I(4)R | 0001-053C (ACAPD) | 0111 027R (ACAPD) | 0111 029C (ACAPD) | APD-100-1(2)R

APD-100-I(5)C | 0001 043 RC (ACAPD)

APD-100-I(7)C&E | APD-100-I(8)C | APD-15-(18)E | APD-100-1(3)C



Tennessee
Appalachian Corridor J

Sheet 7 of 13
Aug 1, 2007

0 1 2 Miles

APD-15-(19)R
ACAPD-111(11)C
ACAPD-111(6)C
ACAPD-111(5)C
ACAPD-III(10)C
APD-15-(7)E
APD-26-2(1)E
ACAPD-III(4)C
APD-100-I(6)R&E
APD-100-I(7)C&E
APD-100-I(1)E
APD-100-I(4)R
0001-053C (ACAPD)
APD-100-I(8)C

UPPER CUMBERLAND RGNL

N

SHS

J22.0.0
BMP 10.73
EMP 18.72

J21.3.1
BMP 10.59
EMP 10.73

J21.3.0
BMP 9.98
EMP 10.59

J21.2.0
BMP 8.31
EMP 9.98

J21.1.0
BMP 7.27
EMP 8.31

Sparta

WHITE COUNTY

Bon Air

Caney Fork

Tennessee
Appalachian Corridor J
Sheet 8 of 13
Aug 1, 2007

0 1 2 Miles

APD-100-2(1)E
APD-15-(1)C
APD-100-2(8)C
APD-100-2(9)C
APD-100-2(4)R&C
APD-NH-III(40)E
APD-100-2(2)R
APD-100-2(3)C
APD-15-(19)R
ACAPD-III(11)C
APD-15-(7)E
APD-26-2(1)E
ACAPD-III(7)C
ACAPD-III(6)C

N

Cookeville

NHS

J25.0.0
BMP 7.75
EMP 8.15

J24.0.0
BMP 5.54
EMP 7.75

J23.2.0
BMP 3.53
EMP 5.54

J23.1.0
BMP 0.77
EMP 3.53

J23.0.0
BMP 0
EMP 0.77

Boyster
Dry Valley
Old Kentucky
Whitson Chapel
Buck Lake
Mc Culley rd
Old Walton
Salem Rd
Maple
Kirby
Boyd Farris
Old Sparta
Old Bridge Rd
Bob Bullock
Gordon
Lovelady Hill rd
Sullivan
Luke
Farley
Randolph Mill
Mount Carmel Church
Robinson Chapel
Breeding Swamp
Airport
UPPER CUMBERLAND RGNL

PUTNAM COUNTY
WHITE COUNTY
PUTNAM COUNTY
WHITE COUNTY

136
111
56
40
70N

Tennessee
Appalachian Corridor J
Sheet 9 of 13
Aug 1, 2007

0 1 2 Miles

APD-77-(3)C
APD-77-(2)R,E&C
APD-15-(1)C
APD-100-2(8)C
APD-100-2(9)C
APD-NH-111(40)E
APD-100-2(4)R&C

N

Moody Branch
Mill Hardy Branch
Sulphur Branch
Danner Branch
Roaring River
Spring Creek
Bear Creek
Little Mill Creek
Dry Creek
Mill Creek
Bates Branch
Turkey Creek
Hurricane Creek
Blackburn Fork
Quinhead Lake
Dry Valley
Little Creek

Rickman Rd
W. Wilmouth Rd
Rickman
Officers Chapel
Torrest Hill
Ike
Spring Creek
Chimney Springs
Algood
Fisk Park
Fisk Rd
Hutcheson
Free Hill
Dodson Br
Kinniard
Ironwood
Montgomery Rd
Dyer Long
Chester King
McDonald
Shipley Church
Baker
Huddleston
Boyles
Kentucky

SHN

OVERTON COUNTY
PUTNAM COUNTY
JACKSON COUNTY

135
451
290
111

J26.2.0
BMP 0
EMP 9.76

J1 27.0.0
BMP 3.4
EMP 6

J1 26.0.0
BMP 0
EMP 3.4

J26.1.0
BMP 9.03
EMP 12.96

J25.1.0
BMP 8.15
EMP 9.03

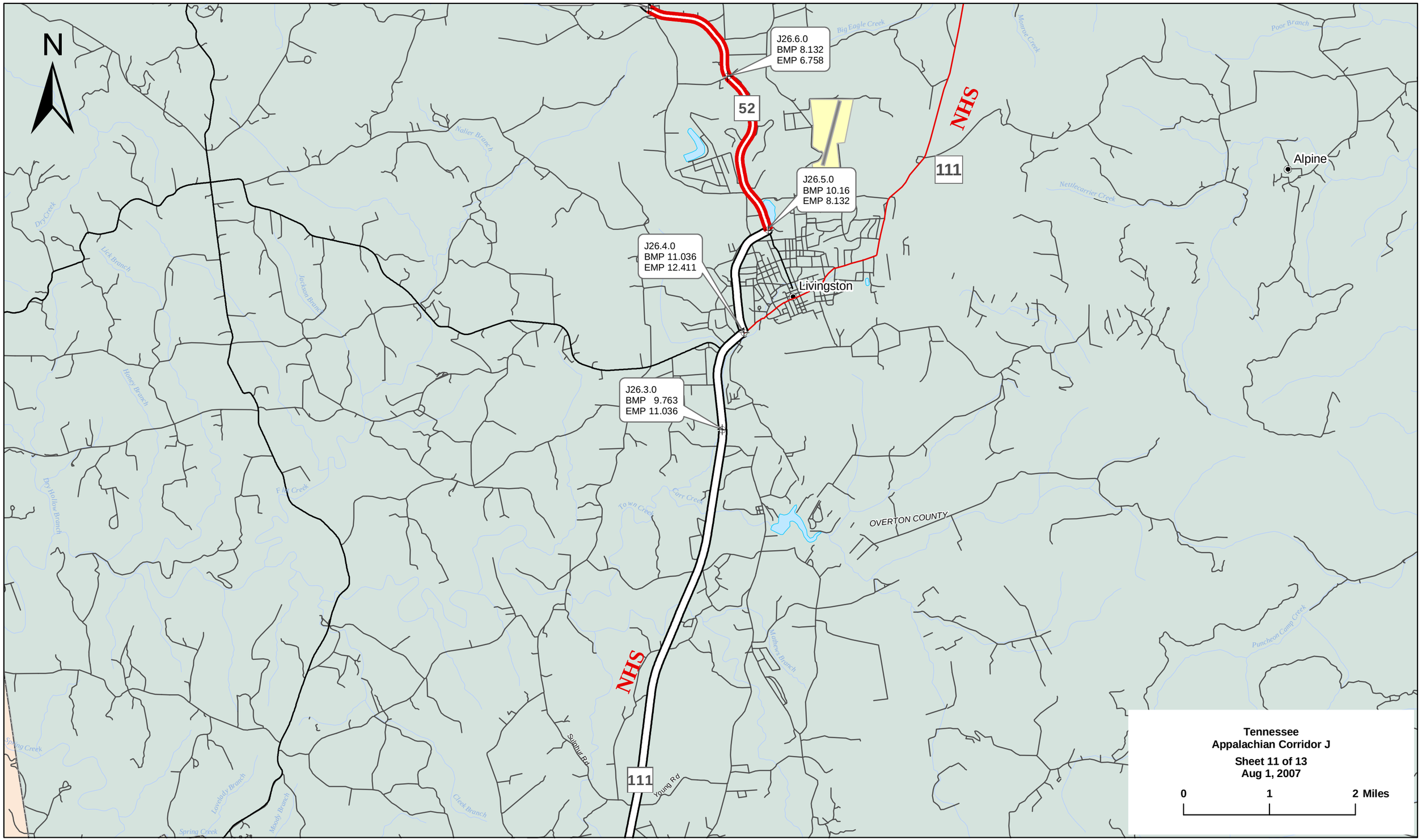
J25.0.0
BMP 7.75
EMP 8.15

Cookeville

Tennessee
Appalachian Corridor J

Sheet 10 of 13
Aug 1, 2007

0 1 2 Miles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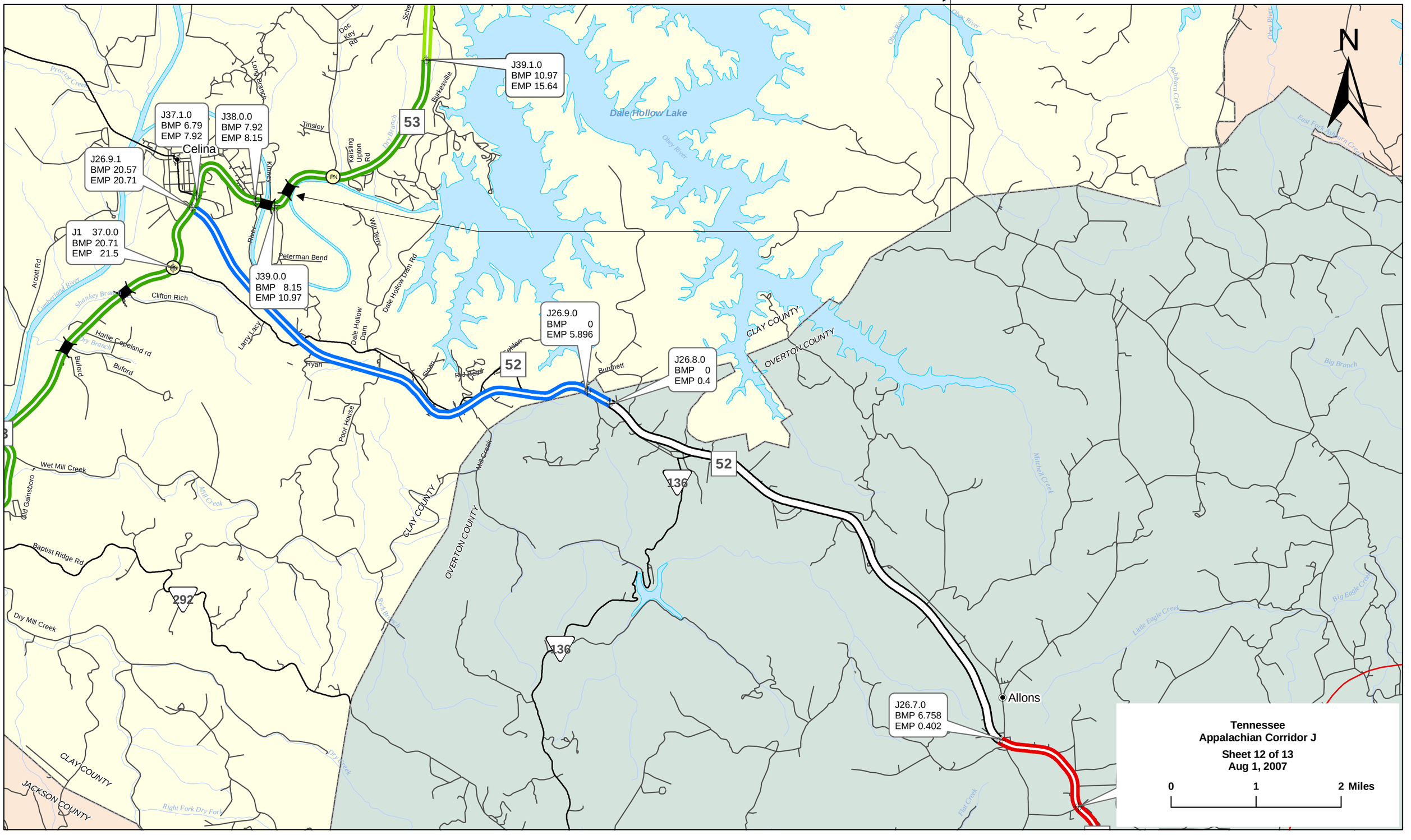
NHS
111
J26.5.0
BMP 10.16
EMP 8.132
Alpine
J26.4.0
BMP 11.036
EMP 12.411
Livingston
J26.3.0
BMP 9.763
EMP 11.036
OVERTON COUNTY
NHS
111
Young Rd
Subdivision Rd
Big Eagle Creek
Monroe Creek
Poor Branch
Nalier Branch
Dry Creek
Lick Branch
Jackson Branch
Nettlecarrier Creek
Honey Branch
Dry Hollow Branch
Flat Creek
Town Creek
Carr Creek
Matthews Branch
Puncheon Camp Creek
Spring Creek
Lowelady Branch
Moody Branch
Cheek Branch
Tennessee
Appalachian Corridor J
Sheet 11 of 13
Aug 1, 2007
0
1
2 Miles

ACAPD-53(11)C
APD-91-(4)E
ACAPD-53(9)C



ACAPD-53(11)C
APD-91-(4)E
ACAPD-53(10)C
ACAPD-53(9)C

N

KENTUCKY

CLAY COUNTY

CLAY COUNTY

Welcome Center

J 40.0.0
EMP 15.64

J39.1.0
BMP 10.97
EMP 15.64

Dale Hollow Lake

Obey River

Cumberland River

Kettle Creek

Pine Branch

South Creek

Neely Creek

New Hope Branch

Proctor Creek

Long Branch

Dry Branch

Obey River

Holly Creek

Ike Hall

Rock Springs

Riley Kerr Rd

Stephens

Davistown

Fire Tower

Key Cem

Shire

Jimmy Reneau

Scott Hollow

Doc Key Rd

Schell

Burkesville

294

2

Tennessee
Appalachian Corridor J
Sheet 13 of 13
Aug 1, 2007

0 1 2 Miles

2007 Appalachian Developement Highway System Cost Estimate

Table B - Design Classification and Cost Estimate by Estimate Sections with Corridor Totals

State: TN ADHS Corridor: J1

Section ID	**J1 26.0.0**	**J1 27.0.0**	**J1 27.1.0**	**J1 28.0.0**	**J1 29.0.0**	**J1 30.0.0**
LRS Milepoint: Beginning/Ending	**0.000/3.400**	**3.400/6.000**	**1.580/0.000**	**12.550/10.580**	**2.260/6.790**	**6.790/10.410**
Status	**NP**	**NP**	**NP**	**NP**	**NP**	**Completed**
1. Finance Code	20	20	20	20	20	20
2. Section Length(Miles)	3.4	2.6	1.7	2	4.5	3.6
3. Class/Urban Code	R/0	R/0	R/0	R/0	R/0	R/0
4. Location:						
---- *a. FIPS State/County/Congressional*	47/141/6	47/141/6	47/141/6	47/87/6	47/87/6	47/87/6
---- *b. HPMS Route/Subroute*	7100451APD/0	7100451APD/0	71SR290001/0	44SR290001/0	44SR056001/0	44SR056001/0
---- *c. HPMS Signed Route/Strip Map #*	451/J9	451/J9	3000000290/J9	3000000290/J9	3000000056/J9	3000000056/J10
5. Estimate Section/NHS Designation	1/None	1/None	1/None	1/None	2/None	1/None
6. Design Speed(mph)	70	70	70	70	60	60
7. Traffic:						
---- *a. ADT-Base Year (2005)*	8,850	7,390	7,390	7,100	8,750	9,350
---- *b. ADT-Year 2015*	16,830	13,300	13,300	13,480	12,230	13,070
---- *c. Design Year*	2,004	2,004	2,004	2,004	2,000	2,000
---- *d. ADT-Design Year*	10,700	9,200	9,200	8,700	8,700	9,300
---- *e. DHV-Design Year*	1,391	1,196	1,196	1,131	1,131	1,209
---- *f. % Truck Design Year(DHV)*	6	6	6	6	6	6
---- *g. % Truck Design Year(ADT)*	8	8	8	8	8	8
---- *h. Directional Distribution Factor*	60	60	60	60	60	60
8. Number of Lanes to be Constructed this Estimate	4	4	4	4	0	0
9. Ultimate Number of Through Traffic Lanes	4	4	4	4	2	2
10. Typical X-Section of Reference/Access Control	B/Full	B/Full	B/Full	B/Full	C/None	C/None
11. Right-of-Way Width(ft), prevailing	300	300	300	300	200	200
12. Median Width(ft), prevailing	64	64	64	64	0	0
13. Status of Development(Figure 4)	np	np	np	np	np	1a

Estimated Cost($1,000) per Work Classification

14. Preliminary Engineering:						
---- *a. Location*	0	0	0	0	0	0
---- *b. Design*	0	0	0	0	0	0
15. Right-of-Way:						
---- *a. Acquisition*	0	0	0	0	0	0
---- *b. Relocation*	0	0	0	0	0	0
16. Utility Adjustments	0	0	0	0	0	0
17. Erosion Control/Clear/Grade/Drain/Minor Structure	0	0	0	0	0	0
18. Subbase, Base, Surfacing, Shoulders	0	0	0	0	0	0
19. Railroad Grade Seperations	0	0	0	0	0	0
20. Highway Grade Seperations without Ramps	0	0	0	0	0	0
21. Interchanges	0	0	0	0	0	0
22. Other Bridges, Tunnels, and Walls	0	0	0	0	0	0
23. Traffic Control	0	0	0	0	0	0
24. Environmental Mitigation	0	0	0	0	0	0
25. Roadside Improvements:						
---- *a. Landscape Planting*	0	0	0	0	0	0
---- *b. Rest Area, Overlooks*	0	0	0	0	0	0
26. All Other Items	0	0	0	0	0	0
27. Subtotal(lines 17 thru 26)	**0**	**0**	**0**	**0**	**0**	**0**
28. Construction Engineering(5.00000000% of line 27)	**0**	**0**	**0**	**0**	**0**	**0**
29. Total Cost of Construction(lines 27 & 28)	**0**	**0**	**0**	**0**	**0**	**0**
30. Total Estimated Cost(lines 14, 15, 16, 29 & 5% Contingency)	**0**	**0**	**0**	**0**	**0**	**0**

2007 Appalachian Developement Highway System Cost Estimate

Table B - Design Classification and Cost Estimate by Estimate Sections with Corridor Totals

State: TN ADHS Corridor: J1

Section ID	**J1 31.0.0**	**J1 31.1.0**	**J1 32.0.0**	**J1 33.0.0**	**J1 34.0.0**	**J1 35.0.0**
LRS Milepoint: Beginning/Ending	**10.410/10.920**	**14.220/14.830**	**14.830/16.630**	**16.630/25.430**	**0.000/0.930**	**0.930/1.530**
Status	**Completed**	**Completed**	**Completed**	**Completed**	**Completed**	**Completed**
1. Finance Code	20	20	20	20	20	20
2. Section Length(Miles)	0.5	0.6	1.8	8.8	0.9	0.6
3. Class/Urban Code	R/0	R/0	R/0	R/0	R/0	R/0
4. Location:						
---- *a. FIPS State/County/Congressional*	47/87/6	47/87/6	47/87/6	47/87/6	47/27/6	47/27/6
---- *b. HPMS Route/Subroute*	44SR056001/0	44SR053001/0	44SR053001/0	44SR053001/0	14SR053001/0	14SR053001/0
---- *c. HPMS Signed Route/Strip Map #*	3000000056/J10	3000000053/J10	3000000053/J10	3000000053/J10	3000000053/J11	3000000053/J11
5. Estimate Section/NHS Designation	1/None	1/None	1/None	1/None	1/None	1/None
6. Design Speed(mph)	50	50	50	60	50	50
7. Traffic:						
---- *a. ADT-Base Year (2005)*	9,350	9,350	11,650	5,670	3,170	2,800
---- *b. ADT-Year 2015*	13,070	13,070	16,330	9,640	6,680	5,910
---- *c. Design Year*	2,000	2,000	2,000	1,997	2,000	2,000
---- *d. ADT-Design Year*	9,300	9,300	11,700	4,800	2,900	2,800
---- *e. DHV-Design Year*	1,209	1,209	1,521	624	377	364
---- *f. % Truck Design Year(DHV)*	6	6	6	8	8	8
---- *g. % Truck Design Year(ADT)*	8	8	8	11	11	11
---- *h. Directional Distribution Factor*	60	60	60	60	60	60
8. Number of Lanes to be Constructed this Estimate	0	0	0	0	0	0
9. Ultimate Number of Through Traffic Lanes	4	4	2	2	2	2
10. Typical X-Section of Reference/Access Control	H/None	H/None	C/None	C/None	C/None	C/None
11. Right-of-Way Width(ft), prevailing	80	80	200	300	200	200
12. Median Width(ft), prevailing	0	0	0	0	0	0
13. Status of Development(Figure 4)	1a	1a	1a	1a	1a	1a

Estimated Cost($1,000) per Work Classification

14. Preliminary Engineering:						
---- *a. Location*	0	0	0	0	0	0
---- *b. Design*	0	0	0	0	0	0
15. Right-of-Way:						
---- *a. Acquisition*	0	0	0	0	0	0
---- *b. Relocation*	0	0	0	0	0	0
16. Utility Adjustments	0	0	0	0	0	0
17. Erosion Control/Clear/Grade/Drain/Minor Structure	0	0	0	0	0	0
18. Subbase, Base, Surfacing, Shoulders	0	0	0	0	0	0
19. Railroad Grade Seperations	0	0	0	0	0	0
20. Highway Grade Seperations without Ramps	0	0	0	0	0	0
21. Interchanges	0	0	0	0	0	0
22. Other Bridges, Tunnels, and Walls	0	0	0	0	0	0
23. Traffic Control	0	0	0	0	0	0
24. Environmental Mitigation	0	0	0	0	0	0
25. Roadside Improvements:						
---- *a. Landscape Planting*	0	0	0	0	0	0
---- *b. Rest Area, Overlooks*	0	0	0	0	0	0
26. All Other Items	0	0	0	0	0	0
27. Subtotal(lines 17 thru 26)	**0**	**0**	**0**	**0**	**0**	**0**
28. Construction Engineering(5.00000000% of line 27)	**0**	**0**	**0**	**0**	**0**	**0**
29. Total Cost of Construction(lines 27 & 28)	**0**	**0**	**0**	**0**	**0**	**0**
30. Total Estimated Cost(lines 14, 15, 16, 29 & 5% Contingency)	**0**	**0**	**0**	**0**	**0**	**0**

2007 Appalachian Developement Highway System Cost Estimate

Table B - Design Classification and Cost Estimate by Estimate Sections with Corridor Totals

State: TN ADHS Corridor: J1

Section ID	**J1 36.0.0**	**J1 37.0.0**
LRS Milepoint: Beginning/Ending	**1.530/6.790**	**21.500/20.710**
Status	**Completed**	**Completed**
1. Finance Code	20	20
2. Section Length(Miles)	5.3	0.8
3. Class/Urban Code	R/0	R/0
4. Location:		
---- *a. FIPS State/County/Congressional*	47/27/6	47/27/6
---- *b. HPMS Route/Subroute*	14SR053001/0	14SR052001/0
---- *c. HPMS Signed Route/Strip Map #*	3000000053/J11	3000000052/J11
5. Estimate Section/NHS Designation	1/None	1/None
6. Design Speed(mph)	50	50
7. Traffic:		
---- *a. ADT-Base Year (2005)*	5,250	8,800
---- *b. ADT-Year 2015*	8,890	15,030
---- *c. Design Year*	2,000	2,000
---- *d. ADT-Design Year*	5,300	8,900
---- *e. DHV-Design Year*	689	1,157
---- *f. % Truck Design Year(DHV)*	7	7
---- *g. % Truck Design Year(ADT)*	10	10
---- *h. Directional Distribution Factor*	60	60
8. Number of Lanes to be Constructed this Estimate	0	0
9. Ultimate Number of Through Traffic Lanes	2	2
10. Typical X-Section of Reference/Access Control	C/None	C/None
11. Right-of-Way Width(ft), prevailing	200	200
12. Median Width(ft), prevailing	0	0
13. Status of Development(Figure 4)	1a	1a

Estimated Cost($1,000) per Work Classification

14. Preliminary Engineering:		
---- *a. Location*	0	0
---- *b. Design*	0	0
15. Right-of-Way:		
---- *a. Acquisition*	0	0
---- *b. Relocation*	0	0
16. Utility Adjustments	0	0
17. Erosion Control/Clear/Grade/Drain/Minor Structure	0	0
18. Subbase, Base, Surfacing, Shoulders	0	0
19. Railroad Grade Seperations	0	0
20. Highway Grade Seperations without Ramps	0	0
21. Interchanges	0	0
22. Other Bridges, Tunnels, and Walls	0	0
23. Traffic Control	0	0
24. Environmental Mitigation	0	0
25. Roadside Improvements:		
---- *a. Landscape Planting*	0	0
---- *b. Rest Area, Overlooks*	0	0
26. All Other Items	0	0
27. Subtotal(lines 17 thru 26)	**0**	**0**
28. Construction Engineering(5.00000000% of line 27)	**0**	**0**
29. Total Cost of Construction(lines 27 & 28)	**0**	**0**
30. Total Estimated Cost(lines 14, 15, 16, 29 & 5% Contingency)	**0**	**0**

2007 Appalachian Developement Highway System Cost Estimate

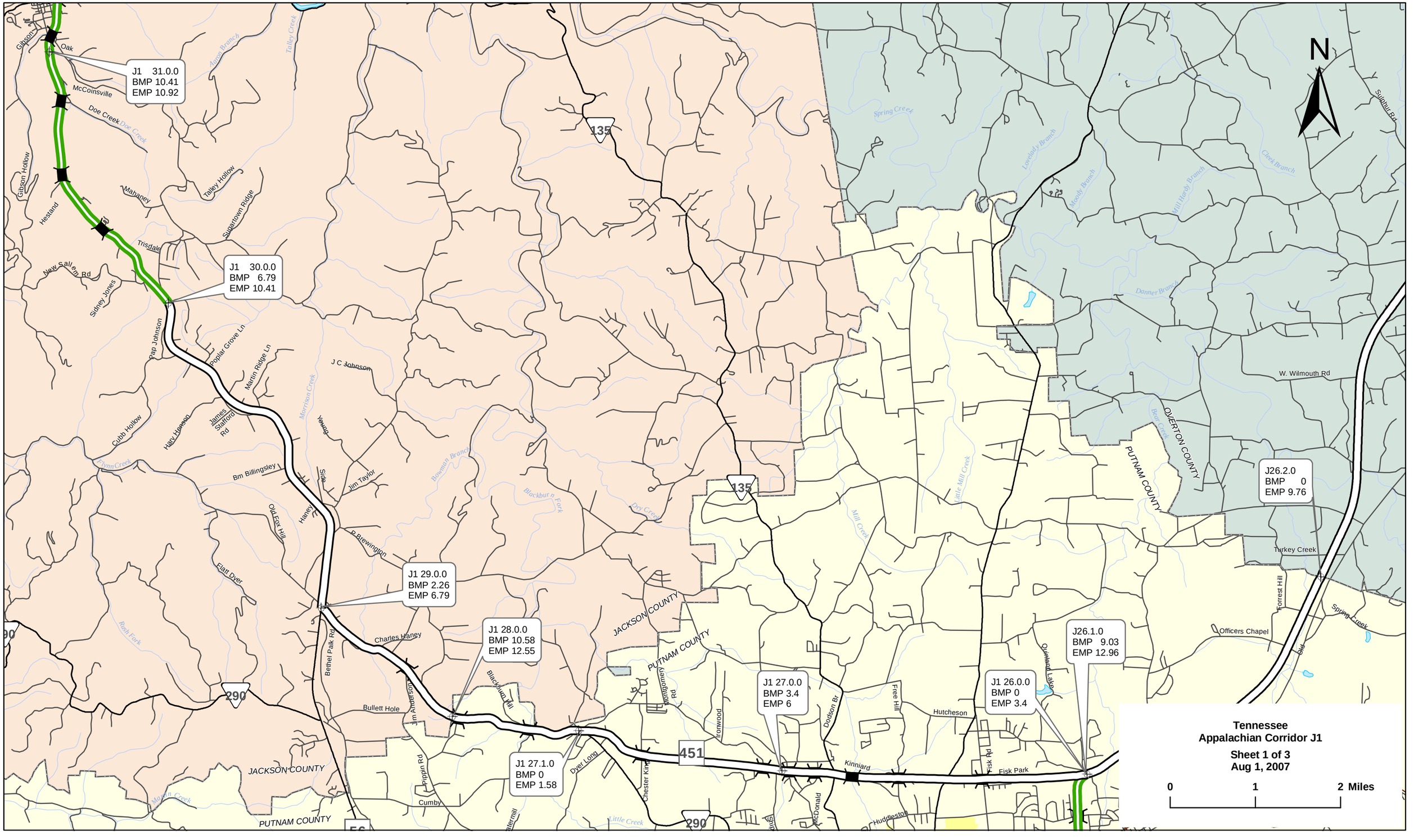
Table B - Design Classification and Cost Estimate by Estimate Sections with Corridor Totals

State: TN ADHS Corridor: J1

Section ID	**Corridor**	**Rural**	**Urban**
LRS Milepoint	**Total**	**Subtotal**	**Subtotal**
1. Finance Code			
2. Section Length(Miles)	37.10	37.10	0.00
3. Class/Urban Code			
4. Location:			
---- *a. FIPS State/County/Congressional*			
---- *b. HPMS Route/Subroute*			
---- *c. HPMS Signed Route/Strip Map #*			
5. Estimate Section/NHS Designation			
6. Design Speed(mph)			
7. Traffic:			
---- *a. ADT-Base Year (2005)*			
---- *b. ADT-Year 2015*			
---- *c. Design Year*			
---- *d. ADT-Design Year*			
---- *e. DHV-Design Year*			
---- *f. % Truck Design Year(DHV)*			
---- *g. % Truck Design Year(ADT)*			
---- *h. Directional Distribution Factor*			
8. Number of Lanes to be Constructed this Estimate			
9. Ultimate Number of Through Traffic Lanes			
10. Typical X-Section of Reference/Access Control			
11. Right-of-Way Width(ft), prevailing			
12. Median Width(ft), prevailing			
13. Status of Development(Figure 4)			

Estimated Cost($1,000) per Work Classification

14. Preliminary Engineering:			
---- *a. Location*	0	0	0
---- *b. Design*	0	0	0
15. Right-of-Way:			
---- *a. Acquisition*	0	0	0
---- *b. Relocation*	0	0	0
16. Utility Adjustments	0	0	0
17. Erosion Control/Clear/Grade/Drain/Minor Structure	0	0	0
18. Subbase, Base, Surfacing, Shoulders	0	0	0
19. Railroad Grade Seperations	0	0	0
20. Highway Grade Seperations without Ramps	0	0	0
21. Interchanges	0	0	0
22. Other Bridges, Tunnels, and Walls	0	0	0
23. Traffic Control	0	0	0
24. Environmental Mitigation	0	0	0
25. Roadside Improvements:			
---- *a. Landscape Planting*	0	0	0
---- *b. Rest Area, Overlooks*	0	0	0
26. All Other Items	0	0	0
27. Subtotal(lines 17 thru 26)	0	0	0
28. Construction Engineering(5.00000000% of line 27)	0	0	0
29. Total Cost of Construction(lines 27 & 28)	0	0	0
30. Total Estimated Cost(lines 14, 15, 16, 29 & 5% Contingency)	0	0	0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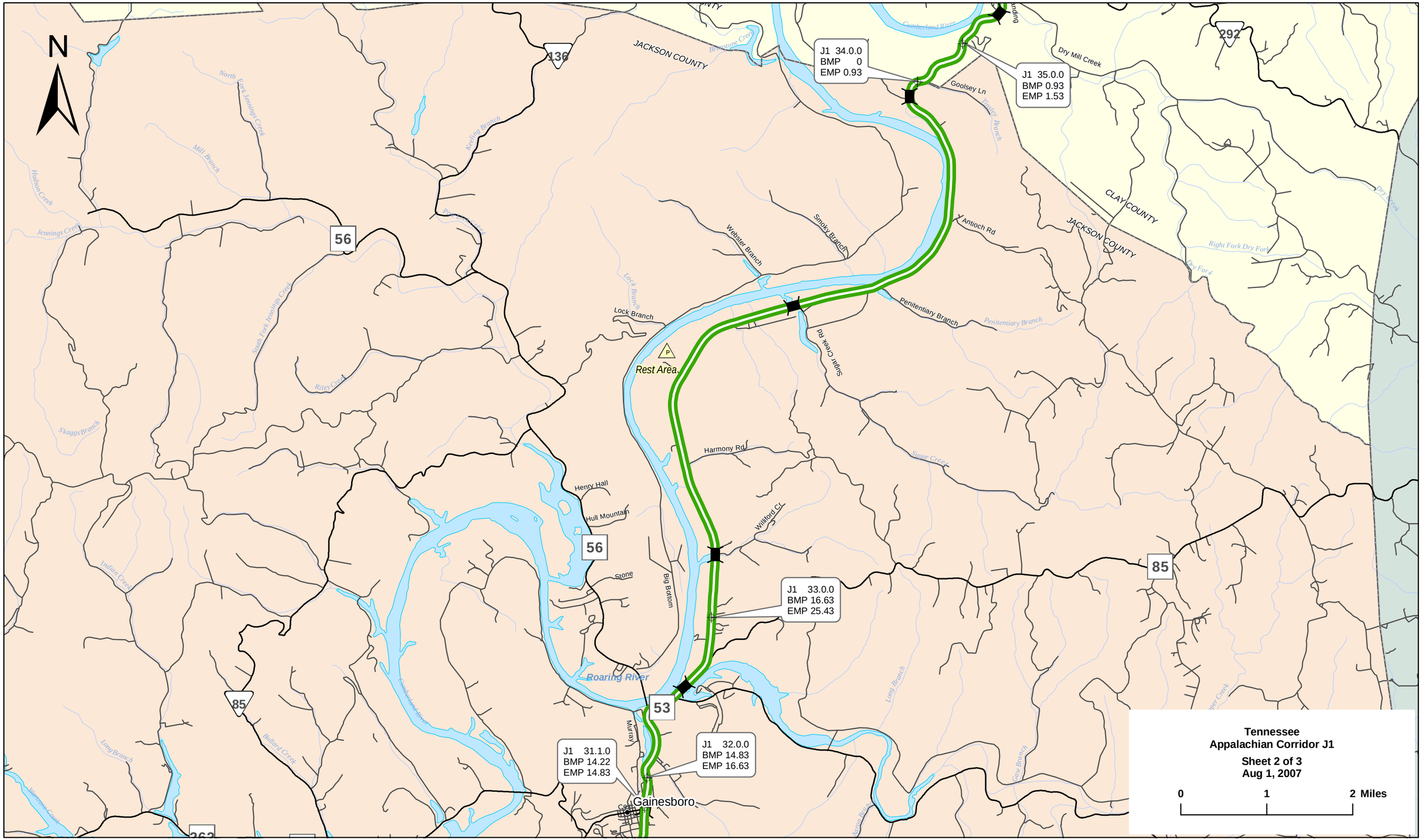
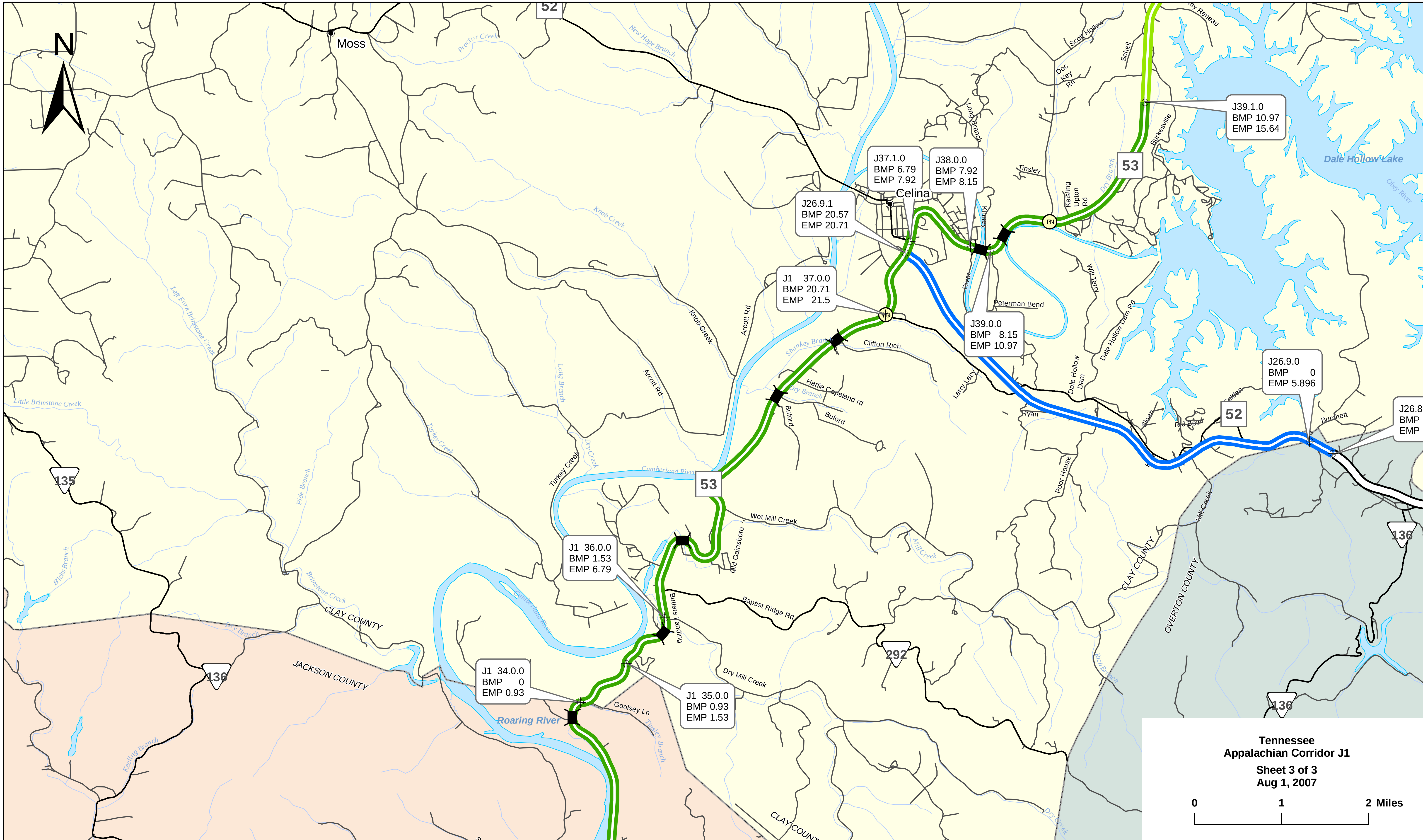
BMP 10.41
EMP 10.92
J1 30.0.0
BMP 6.79
EMP 10.41
J1 29.0.0
BMP 2.26
EMP 6.79
J1 28.0.0
BMP 10.58
EMP 12.55
J1 27.1.0
BMP 0
EMP 1.58
J1 27.0.0
BMP 3.4
EMP 6
J1 26.0.0
BMP 0
EMP 3.4
J26.1.0
BMP 9.03
EMP 12.96
J26.2.0
BMP 0
EMP 9.76
N
Tennessee
Appalachian Corridor J1
Sheet 1 of 3
Aug 1, 2007
0
1
2 Miles
JACKSON COUNTY
PUTNAM COUNTY
OVERTON COUNTY
Gibson
Oak
McCoinsville
Doe Creek
Gibson Hollow
Hestand
Mahaney
Talley Hollow
Sulphatown Ridge
Trisdale
New Salem Rd
Sidney Jones
Pap Johnson
Poplar Grove Ln
Martin Ridge Ln
J C Johnson
Cubb Hollow
Harp Hickerson
James Stafford Rd
Bm Billingsley
Old Fox Hill
Haney
Jim Taylor
P Brewington
Flatt Dyer
Charles Haney
Bethel Falk Rd
Jim Anderson
Bullett Hole
Blackburn Hill
Pippin Rd
Cumby
Dyer Long
Chester King
Ironwood
Montgomery Rd
Dodson Br
Free Hill
Hutcheson
Kinniard
Fisk Rd
Fisk Park
Huddleston
McDonald
Quinland Lake
Officers Chapel
Forrest Hill
Turkey Creek
Spring Creek
Ski
W. Wilmouth Rd
Sulphur Rd
Beaty Creek
Danner Branch
Mill Hardy Branch
Cleek Branch
Mosely Branch
Lowlady Branch
Spring Creek
Tolley Creek
Aaron Branch
Doe Creek
Morrison Creek
Bowman Branch
Blackburn Fork
Dry Creek
Mill Creek
Little Mill Creek
Flynn Creek
Rush Fork
Mayan Creek
Little Creek
135
290
451
56


N
136
56
85
292
53
JACKSON COUNTY
CLAY COUNTY
JACKSON COUNTY
J1 34.0.0
BMP 0
EMP 0.93
J1 35.0.0
BMP 0.93
EMP 1.53
J1 33.0.0
BMP 16.63
EMP 25.43
J1 32.0.0
BMP 14.83
EMP 16.63
J1 31.1.0
BMP 14.22
EMP 14.83
Rest Area
Gainesboro
Roaring River
Cumberland River
Dry Mill Creek
Goolsey Ln
Antioch Rd
Harmony Rd
Penitentiary Branch
Sugar Creek Rd
Webster Branch
Smoky Branch
Lock Branch
Henry Hall
Hull Mountain
Stone
Big Bottom
Willford Cr
Murray
Tinsley Branch
Right Fork Dry Fork
Dry Fork
Sugar Creek
Long Branch
Cow Branch
North Fork Jennings Creek
Mill Branch
Hudson Creek
Jennings Creek
South Fork Jennings Creek
Riley Creek
Keeling Branch
Brimstone Creek
Skaggs Branch
Indian Creek
Ballard Creek
Harmons Creek
Tennessee
Appalachian Corridor J1
Sheet 2 of 3
Aug 1, 2007
0
1
2 Miles


N
Moss
52
Proctor Creek
New Hope Branch
Scott Hollow
Schell
Doc Key Rd
Burkesville
J39.1.0
BMP 10.97
EMP 15.64
Dale Hollow Lake
Obey River
53
Tinsley
Keisling
Upton Rd
Long Branch
J37.1.0
BMP 6.79
EMP 7.92
J38.0.0
BMP 7.92
EMP 8.15
Celina
Kilmey
J26.9.1
BMP 20.57
EMP 20.71
Knob Creek
Left Fork Brimstone Creek
J1 37.0.0
BMP 20.71
EMP 21.5
River
Peterman Bend
Will Terry
Dale Hollow Dam Rd
J39.0.0
BMP 8.15
EMP 10.97
Arcott Rd
Shankey Branch
Clifton Rich
Long Branch
Larry Lacy
Dale Hollow Dam
J26.9.0
BMP 0
EMP 5.896
Little Brimstone Creek
Harlie Copeland rd
Dry Branch
Buford
Ryan
52
Sloan
J26.8.0
Burchett
Turkey Creek
Dry Creek
Cumberland River
Pole Branch
135
53
Wet Mill Creek
Poor House
Mill Creek
136
Old Gainsboro
Mill Creek
J1 36.0.0
BMP 1.53
EMP 6.79
CLAY COUNTY
OVERTON COUNTY
Hicks Branch
Brimstone Creek
CLAY COUNTY
Butlers Landing
Baptist Ridge Rd
Cumberland River
Dry Branch
292
136
JACKSON COUNTY
Dry Mill Creek
Rich Branch
J1 34.0.0
BMP 0
EMP 0.93
J1 35.0.0
BMP 0.93
EMP 1.53
136
Goolsey Ln
Roaring River
Tinsley Branch
Keeling Branch
CLAY COUNTY
Dry Creek
Tennessee
Appalachian Corridor J1
Sheet 3 of 3
Aug 1, 2007
0
1
2 Miles

2007 Appalachian Developement Highway System Cost Estimate

Table B - Design Classification and Cost Estimate by Estimate Sections with Corridor Totals

State: TN ADHS Corridor: K

Section ID	**K01.0.0**	**K02.0.0**	**K03.0.0**	**K04.0.0**	**K04.1.0**	**K04.2.0**
LRS Milepoint: Beginning/Ending	**0.000/0.340**	**0.340/1.480**	**1.480/2.580**	**2.580/4.990**	**10.970/11.060**	**11.060/11.290**
Status	**Completed**	**Completed**	**Completed**	**Completed**	**Completed**	**Completed**
1. Finance Code	20	20	20	20	20	20
2. Section Length(Miles)	0.3	1.1	1.1	2.4	0.1	0.2
3. Class/Urban Code	U/430	U/430	U/430	U/430	U/430	U/430
4. Location:						
---- *a. FIPS State/County/Congressional*	47/11/3	47/11/3	47/11/3	47/11/3	47/11/3	47/11/3
---- *b. HPMS Route/Subroute*	06SR311001/0	06SR311001/0	06SR311001/0	06SR311001/0	06SR060001/0	06SR060001/0
---- *c. HPMS Signed Route/Strip Map #*	2000000074/K1	2000000074/K1	2000000064/K1	2000000064/K1	2000000064/K2	2000000064/K2
5. Estimate Section/NHS Designation	1/NHS	1/NHS	1/NHS	1/NHS	1/NHS	1/NHS
6. Design Speed(mph)	70	70	50	50	50	50
7. Traffic:						
---- *a. ADT-Base Year (2005)*	19,130	19,130	25,400	27,900	27,900	27,900
---- *b. ADT-Year 2015*	28,700	28,700	38,160	41,910	41,910	41,910
---- *c. Design Year*	1,998	1,998	1,998	1,998	1,998	1,998
---- *d. ADT-Design Year*	17,500	17,500	23,300	25,700	25,700	25,700
---- *e. DHV-Design Year*	2,100	2,100	2,563	2,827	2,827	2,827
---- *f. % Truck Design Year(DHV)*	8	8	8	8	8	8
---- *g. % Truck Design Year(ADT)*	11	11	11	11	11	11
---- *h. Directional Distribution Factor*	60	60	60	60	60	60
8. Number of Lanes to be Constructed this Estimate	0	0	0	0	0	0
9. Ultimate Number of Through Traffic Lanes	4	4	4	4	4	4
10. Typical X-Section of Reference/Access Control	C/Full	B/Full	B/Partial	B/None	B/None	B/None
11. Right-of-Way Width(ft), prevailing	150	150	150	150	150	150
12. Median Width(ft), prevailing	30	30	30	30	30	30
13. Status of Development(Figure 4)	1a	1a	1a	1a	1a	1a

Estimated Cost($1,000) per Work Classification

14. Preliminary Engineering:						
---- *a. Location*	0	0	0	0	0	0
---- *b. Design*	0	0	0	0	0	0
15. Right-of-Way:						
---- *a. Acquisition*	0	0	0	0	0	0
---- *b. Relocation*	0	0	0	0	0	0
16. Utility Adjustments	0	0	0	0	0	0
17. Erosion Control/Clear/Grade/Drain/Minor Structure	0	0	0	0	0	0
18. Subbase, Base, Surfacing, Shoulders	0	0	0	0	0	0
19. Railroad Grade Seperations	0	0	0	0	0	0
20. Highway Grade Seperations without Ramps	0	0	0	0	0	0
21. Interchanges	0	0	0	0	0	0
22. Other Bridges, Tunnels, and Walls	0	0	0	0	0	0
23. Traffic Control	0	0	0	0	0	0
24. Environmental Mitigation	0	0	0	0	0	0
25. Roadside Improvements:						
---- *a. Landscape Planting*	0	0	0	0	0	0
---- *b. Rest Area, Overlooks*	0	0	0	0	0	0
26. All Other Items	0	0	0	0	0	0
27. Subtotal(lines 17 thru 26)	**0**	**0**	**0**	**0**	**0**	**0**
28. Construction Engineering(5.00000000% of line 27)	**0**	**0**	**0**	**0**	**0**	**0**
29. Total Cost of Construction(lines 27 & 28)	**0**	**0**	**0**	**0**	**0**	**0**
30. Total Estimated Cost(lines 14, 15, 16, 29 & 5% Contingency)	**0**	**0**	**0**	**0**	**0**	**0**

2007 Appalachian Developement Highway System Cost Estimate

Table B - Design Classification and Cost Estimate by Estimate Sections with Corridor Totals

State: TN ADHS Corridor: K

Section ID	**K05.0.0**	**K05.1.0**	**K06.0.0**	**K06.1.0**	**K07.0.0**	**K07.1.0**
LRS Milepoint: Beginning/Ending	**11.290/12.630**	**2.400/2.860**	**2.860/5.550**	**5.550/9.680**	**0.000/0.500**	**0.500/0.900**
Status	**Completed**	**Completed**	**Stage Construction**	**Stage Construction**	**Stage Construction**	**Design/RoW**
1. Finance Code	20	20	21	21	21	23
2. Section Length(Miles)	1.3	1.5	2.7	4.1	0.5	0.4
3. Class/Urban Code	U/430	U/430	U/430	R/0	R/0	R/0
4. Location:						
---- *a. FIPS State/County/Congressional*	47/11/3	47/11/3	47/11/3	47/11/3	47/139/3	47/139/3
---- *b. HPMS Route/Subroute*	06SR060001/0	06SR040001/0	06SR040001/0	06SR040001/0	70SR040001/0	70SR040001/0
---- *c. HPMS Signed Route/Strip Map #*	2000000064/K2	2000000064/K2	2000000064/K2	2000000064/K2	2000000064/K2	2000000064/K2
5. Estimate Section/NHS Designation	1/NHS	1/NHS	1/NHS	1/NHS	1/NHS	1/NHS
6. Design Speed(mph)	50	50	50	50	50	50
7. Traffic:						
---- *a. ADT-Base Year (2005)*	33,650	33,650	24,500	24,500	18,750	18,500
---- *b. ADT-Year 2015*	50,540	50,540	36,750	36,750	28,130	27,130
---- *c. Design Year*	1,998	1,998	2,010	2,005	2,024	2,025
---- *d. ADT-Design Year*	31,000	31,000	24,600	24,600	36,560	35,790
---- *e. DHV-Design Year*	3,720	3,720	2,952	2,952	4,387	4,292
---- *f. % Truck Design Year(DHV)*	6	6	6	6	8	8
---- *g. % Truck Design Year(ADT)*	9	9	9	9	11	11
---- *h. Directional Distribution Factor*	60	60	60	60	60	60
8. Number of Lanes to be Constructed this Estimate	0	0	2	2	2	2
9. Ultimate Number of Through Traffic Lanes	4	4	4	4	4	4
10. Typical X-Section of Reference/Access Control	B/None	B/None	B/None	B/None	D/None	G/None
11. Right-of-Way Width(ft), prevailing	150	150	400	400	300	250
12. Median Width(ft), prevailing	30	30	48	48	48	12
13. Status of Development(Figure 4)	1a	1a	3a3a	3a3a	3a3a	4a1
Estimated Cost($1,000) per Work Classification						
14. Preliminary Engineering:						
---- *a. Location*	0	0	0	0	0	0
---- *b. Design*	0	0	0	0	0	0
15. Right-of-Way:						
---- *a. Acquisition*	0	0	265	537	276	0
---- *b. Relocation*	0	0	256	519	267	0
16. Utility Adjustments	0	0	123	250	129	0
17. Erosion Control/Clear/Grade/Drain/Minor Structure	0	0	1,929	3,917	411	328
18. Subbase, Base, Surfacing, Shoulders	0	0	1,600	3,249	357	285
19. Railroad Grade Seperations	0	0	0	0	0	0
20. Highway Grade Seperations without Ramps	0	0	0	0	0	0
21. Interchanges	0	0	0	0	6,800	694
22. Other Bridges, Tunnels, and Walls	0	0	654	1,329	0	0
23. Traffic Control	0	0	29	57	29	29
24. Environmental Mitigation	0	0	0	0	0	0
25. Roadside Improvements:						
---- *a. Landscape Planting*	0	0	21	42	5	4
---- *b. Rest Area, Overlooks*	0	0	0	0	0	0
26. All Other Items	0	0	200	407	45	36
27. Subtotal(lines 17 thru 26)	**0**	**0**	**4,433**	**9,001**	**7,647**	**1,376**
28. Construction Engineering(5.00000000% of line 27)	**0**	**0**	**222**	**450**	**382**	**69**
29. Total Cost of Construction(lines 27 & 28)	**0**	**0**	**4,655**	**9,451**	**8,029**	**1,445**
30. Total Estimated Cost(lines 14, 15, 16, 29 & 5% Contingency)	**0**	**0**	**5,564**	**11,295**	**9,136**	**1,517**

2007 Appalachian Developement Highway System Cost Estimate

Table B - Design Classification and Cost Estimate by Estimate Sections with Corridor Totals

State: TN ADHS Corridor: K

Section ID	**K08.0.0**	**K08.1.0**	**K09.0.0**	**K09.1.0**	**K09.1.1**	**K09.1.2**
LRS Milepoint: Beginning/Ending	**0.900/3.120**	**3.120/5.200**	**5.200/8.720**	**0.000/6.800**	**6.800/7.000**	**7.000/8.000**
Status	**Design/RoW**	**Location Study**	**Location Study**	**Location Study**	**Location Study**	**Location Study**
1. Finance Code	23	23	23	23	23	23
2. Section Length(Miles)	2.2	2.1	4	6.8	0.2	1
3. Class/Urban Code	R/0	R/0	R/0	R/0	R/0	R/0
4. Location:						
---- *a. FIPS State/County/Congressional*	47/139/3	47/139/3	47/139/3	47/139/3	47/139/3	47/139/3
---- *b. HPMS Route/Subroute*	70SR040001/0	70SR040001/0	70SR040001/0	7000040APD/0	7000040APD/0	7000040APD/0
---- *c. HPMS Signed Route/Strip Map #*	2000000064/K2	2000000064/K3	2000000064/K3	0/K3	0/K3	0/K4
5. Estimate Section/NHS Designation	1/NHS	1/NHS	1/NHS	1/None	1/None	1/None
6. Design Speed(mph)	60	60	50	50	50	50
7. Traffic:						
---- *a. ADT-Base Year (2005)*	8,650	6,900	5,850	5,150	5,150	5,150
---- *b. ADT-Year 2015*	13,040	10,400	9,360	7,790	7,790	7,790
---- *c. Design Year*	2,025	2,028	2,028	2,028	2,028	2,028
---- *d. ADT-Design Year*	17,430	12,200	13,920	11,220	11,220	11,220
---- *e. DHV-Design Year*	2,266	1,586	1,810	1,459	1,459	1,459
---- *f. % Truck Design Year(DHV)*	9	9	9	9	9	9
---- *g. % Truck Design Year(ADT)*	12	12	12	12	12	12
---- *h. Directional Distribution Factor*	60	60	60	60	60	60
8. Number of Lanes to be Constructed this Estimate	4	4	4	4	4	4
9. Ultimate Number of Through Traffic Lanes	4	4	4	4	4	4
10. Typical X-Section of Reference/Access Control	D/None	D/None	D/None	I/None	J/None	I/None
11. Right-of-Way Width(ft), prevailing	300	300	300	200	200	200
12. Median Width(ft), prevailing	48	48	48	14	14	14
13. Status of Development(Figure 4)	4a1	5a3	5a3	5a3	5a3	5a3

Estimated Cost($1,000) per Work Classification

14. Preliminary Engineering:						
---- *a. Location*	0	0	0	7,518	756	3,400
---- *b. Design*	0	0	0	10,023	796	4,533
15. Right-of-Way:						
---- *a. Acquisition*	0	3,105	3,669	0	0	0
---- *b. Relocation*	0	166	22	0	0	0
16. Utility Adjustments	0	347	1,156	0	0	0
17. Erosion Control/Clear/Grade/Drain/Minor Structure	5,853	5,587	32,516	16,264	31	3,808
18. Subbase, Base, Surfacing, Shoulders	2,946	2,812	5,356	15,398	64	808
19. Railroad Grade Seperations	0	0	0	0	0	0
20. Highway Grade Seperations without Ramps	0	0	0	18,716	0	15,654
21. Interchanges	0	0	0	0	0	0
22. Other Bridges, Tunnels, and Walls	1,480	5,920	0	11,795	3,298	6,172
23. Traffic Control	98	49	245	49	0	57
24. Environmental Mitigation	0	0	0	135,993	7,932	67,116
25. Roadside Improvements:						
---- *a. Landscape Planting*	118	79	157	268	10	152
---- *b. Rest Area, Overlooks*	0	0	0	0	0	0
26. All Other Items	379	362	1,550	17,946	4,906	4,823
27. Subtotal(lines 17 thru 26)	**10,874**	**14,809**	**39,824**	**216,429**	**16,241**	**98,590**
28. Construction Engineering(5.00000000% of line 27)	**544**	**740**	**1,991**	**10,821**	**812**	**4,930**
29. Total Cost of Construction(lines 27 & 28)	**11,418**	**15,549**	**41,815**	**227,250**	**17,053**	**103,520**
30. Total Estimated Cost(lines 14, 15, 16, 29 & 5% Contingency)	**11,989**	**20,126**	**48,995**	**257,031**	**19,535**	**117,025**

2007 Appalachian Developement Highway System Cost Estimate

Table B - Design Classification and Cost Estimate by Estimate Sections with Corridor Totals

State: TN ADHS Corridor: K

Section ID	**K10.1.0**	**K11.0.0**	**K12.0.0**	**K13.0.0**
LRS Milepoint: Beginning/Ending	**18.380/20.040**	**20.040/25.990**	**25.990/26.580**	**26.580/30.030**
Status	**Completed**	**Stage Construction**	**Completed**	**Completed**
1. Finance Code	20	21	20	20
2. Section Length(Miles)	1.7	6	0.6	3.5
3. Class/Urban Code	R/0	R/0	R/0	R/0
4. Location:				
---- *a. FIPS State/County/Congressional*	47/139/3	47/139/3	47/139/3	47/139/3
---- *b. HPMS Route/Subroute*	70SR040001/0	70SR040001/0	70SR040001/0	70SR040001/0
---- *c. HPMS Signed Route/Strip Map #*	2000000064/K4	2000000064/K4	2000000064/K4	2000000064/K4
5. Estimate Section/NHS Designation	1/NHS	1/NHS	1/NHS	1/NHS
6. Design Speed(mph)	50	60	60	60
7. Traffic:				
---- *a. ADT-Base Year (2005)*	5,150	6,400	6,400	4,300
---- *b. ADT-Year 2015*	7,790	9,660	9,660	4,950
---- *c. Design Year*	1,998	2,028	1,998	1,998
---- *d. ADT-Design Year*	4,700	13,900	5,900	5,200
---- *e. DHV-Design Year*	611	1,807	767	676
---- *f. % Truck Design Year(DHV)*	9	9	9	7
---- *g. % Truck Design Year(ADT)*	12	12	12	12
---- *h. Directional Distribution Factor*	60	60	60	60
8. Number of Lanes to be Constructed this Estimate	0	2	0	0
9. Ultimate Number of Through Traffic Lanes	4	4	4	4
10. Typical X-Section of Reference/Access Control	D/None	E/None	B/None	D/None
11. Right-of-Way Width(ft), prevailing	200	350	300	500
12. Median Width(ft), prevailing	48	16	30	48
13. Status of Development(Figure 4)	1a	3a3a	1a	1a

Estimated Cost($1,000) per Work Classification

14. Preliminary Engineering:				
---- *a. Location*	0	0	0	0
---- *b. Design*	0	0	0	0
15. Right-of-Way:				
---- *a. Acquisition*	0	0	0	0
---- *b. Relocation*	0	0	0	0
16. Utility Adjustments	0	0	0	0
17. Erosion Control/Clear/Grade/Drain/Minor Structure	0	9,693	0	0
18. Subbase, Base, Surfacing, Shoulders	0	5,728	0	0
19. Railroad Grade Seperations	0	1,334	0	0
20. Highway Grade Seperations without Ramps	0	0	0	0
21. Interchanges	0	0	0	0
22. Other Bridges, Tunnels, and Walls	0	5,367	0	0
23. Traffic Control	0	114	0	0
24. Environmental Mitigation	0	0	0	0
25. Roadside Improvements:				
---- *a. Landscape Planting*	0	0	0	0
---- *b. Rest Area, Overlooks*	0	0	0	0
26. All Other Items	0	1,042	0	0
27. Subtotal(lines 17 thru 26)	**0**	**23,278**	**0**	**0**
28. Construction Engineering(5.00000000% of line 27)	**0**	**1,164**	**0**	**0**
29. Total Cost of Construction(lines 27 & 28)	**0**	**24,442**	**0**	**0**
30. Total Estimated Cost(lines 14, 15, 16, 29 & 5% Contingency)	**0**	**25,664**	**0**	**0**

2007 Appalachian Developement Highway System Cost Estimate

Table B - Design Classification and Cost Estimate by Estimate Sections with Corridor Totals

State: TN ADHS Corridor: K

Section ID	**Corridor**	**Rural**	**Urban**
LRS Milepoint	**Total**	**Subtotal**	**Subtotal**
1. Finance Code			
2. Section Length(Miles)	43.80	33.10	10.70
3. Class/Urban Code			
4. Location:			
---- *a. FIPS State/County/Congressional*			
---- *b. HPMS Route/Subroute*			
---- *c. HPMS Signed Route/Strip Map #*			
5. Estimate Section/NHS Designation			
6. Design Speed(mph)			
7. Traffic:			
---- *a. ADT-Base Year (2005)*			
---- *b. ADT-Year 2015*			
---- *c. Design Year*			
---- *d. ADT-Design Year*			
---- *e. DHV-Design Year*			
---- *f. % Truck Design Year(DHV)*			
---- *g. % Truck Design Year(ADT)*			
---- *h. Directional Distribution Factor*			
8. Number of Lanes to be Constructed this Estimate			
9. Ultimate Number of Through Traffic Lanes			
10. Typical X-Section of Reference/Access Control			
11. Right-of-Way Width(ft), prevailing			
12. Median Width(ft), prevailing			
13. Status of Development(Figure 4)			

Estimated Cost($1,000) per Work Classification

14. Preliminary Engineering:			
---- *a. Location*	11,674	11,674	0
---- *b. Design*	15,352	15,352	0
15. Right-of-Way:			
---- *a. Acquisition*	7,852	7,587	265
---- *b. Relocation*	1,230	974	256
16. Utility Adjustments	2,005	1,882	123
17. Erosion Control/Clear/Grade/Drain/Minor Structure	80,337	78,408	1,929
18. Subbase, Base, Surfacing, Shoulders	38,603	37,003	1,600
19. Railroad Grade Seperations	1,334	1,334	0
20. Highway Grade Seperations without Ramps	34,370	34,370	0
21. Interchanges	7,494	7,494	0
22. Other Bridges, Tunnels, and Walls	36,015	35,361	654
23. Traffic Control	756	727	29
24. Environmental Mitigation	211,041	211,041	0
25. Roadside Improvements:			
---- *a. Landscape Planting*	856	835	21
---- *b. Rest Area, Overlooks*	0	0	0
26. All Other Items	31,696	31,496	200
27. Subtotal(lines 17 thru 26)	442,502	438,069	4,433
28. Construction Engineering(5.00000000% of line 27)	22,125	21,903	222
29. Total Cost of Construction(lines 27 & 28)	464,627	459,972	4,655
30. Total Estimated Cost(lines 14, 15, 16, 29 & 5% Contingency)	527,877	522,314	5,564

APD-40-I(17) C
APD-40-I(9) E
APD-40-I(29) C
APD-40-I(18) C
APD-40-I(17) R & E
APD-40-I(21) C
APD-40-I(20) C
APD-40-I(27) C
APD-40-I(30) C

N

HAMILTON COUNTY
BRADLEY COUNTY

Wolfe Branch
Long Savannah Creek
Green Branch
Ware Branch
Varnell Creek
Lick Branch
Harris Creek
South Fork Harris Creek
Spring Branch
Brymer Creek
Bulldog Branch
Candies Creek
Johnston Woods
Withrow
Pleasant Grove Rd
Lake
Mason
Holloway
Westland
Kile
Varnell
Old Chattanooga
Blue Springs Rd
Bryant
Longview
Little Jerry
Dunkee
Minnis
Chatata Creek
Newby
Hicks Branch
Coahulla Creek
Blackburn Branch
Blue Springs Branch

Cleveland
East Cleveland
South Cleveland
Wildwood Lake

NHS

K01.0.0
BMP 0.00
EMP 0.34

K02.0.0
BMP 0.34
EMP 1.48

K03.0.0
BMP 1.48
EMP 2.58

K04.0.0
BMP 2.58
EMP 4.99

K04.1.0
BMP 10.97
EMP 11.06

K04.2.0
BMP 11.06
EMP 11.29

K05.0.0
BMP 11.29
EMP 12.63

K05.1.0
BMP 2.40
EMP 2.86

K06.0.0
BMP 2.86
EMP 5.55

58 60 2 74 75 312 311 11 40 64 313

LEGEND FOR APPALACHIAN ROUTES

ADHS ROUTE STATUS
- Complete (1a, 1b)
- Stage Construction (3a3a, 3a3b, 3a3c, 3a3d)
- Final Construction (3a2)
- Design / ROW (4a1, 4a2, 4a3, 4a4, 4a5)
- Location Study (5a1, 5a2, 5a3, 5a4)
- Nonparticipating (NP)
- Interstates
- Other NHS Route
- Other Major Road
- TOLL Toll Bridge, Highway

- Other Bridge
- Combination Highway-Railroad Grade Separation
- Tunnel
- Interchange
- Railroad Grade Separation
- Highway Grade Separation - No Connection
- Urban Areas

Section ID
Beginning Milepoint
Ending Milepoint

Tennessee
Appalachian Corridor K
Sheet 1 of 4
Aug 1, 2007

0 1 2 Miles

APD-40-I(9) E
APD-40-I(29) C
APD-40-I(18) C
APD-040-I(17) R&E
APD-40-I(21) C
APD-40-I(20) C
APD-40-I(30) C
APD-40-I(25) C
APD-40-I(16) C
APD-40-I(15) R
APD-NHE-40(6) E
APD-14-(I) E
APD-NHE-40(II) E

N

Cleveland
Cleveland
East Cleveland
South Cleveland
Wildwood Lake
Ocoee
Cookston

NHS
NHS
NHS

K01.0.0
BMP 0.00
EMP 0.34

K02.0.0
BMP 0.34
EMP 1.48

K03.0.0
BMP 1.48
EMP 2.58

K04.0.0
BMP 2.58
EMP 4.99

K04.1.0
BMP 10.97
EMP 11.06

K04.2.0
BMP 11.06
EMP 11.29

K05.0.0
BMP 11.29
EMP 12.63

K05.1.0
BMP 2.40
EMP 2.86

K06.0.0
BMP 2.86
EMP 5.55

K06.1.0
BMP 5.55
EMP 9.68

K07.0.0
BMP 0.00
EMP 0.50

K07.1.0
BMP 0.50
EMP 0.90

K08.0.0
BMP 0.90
EMP 3.12

K08.1.0
BMP 3.12
EMP 5.20

BRADLEY COUNTY
POLK COUNTY

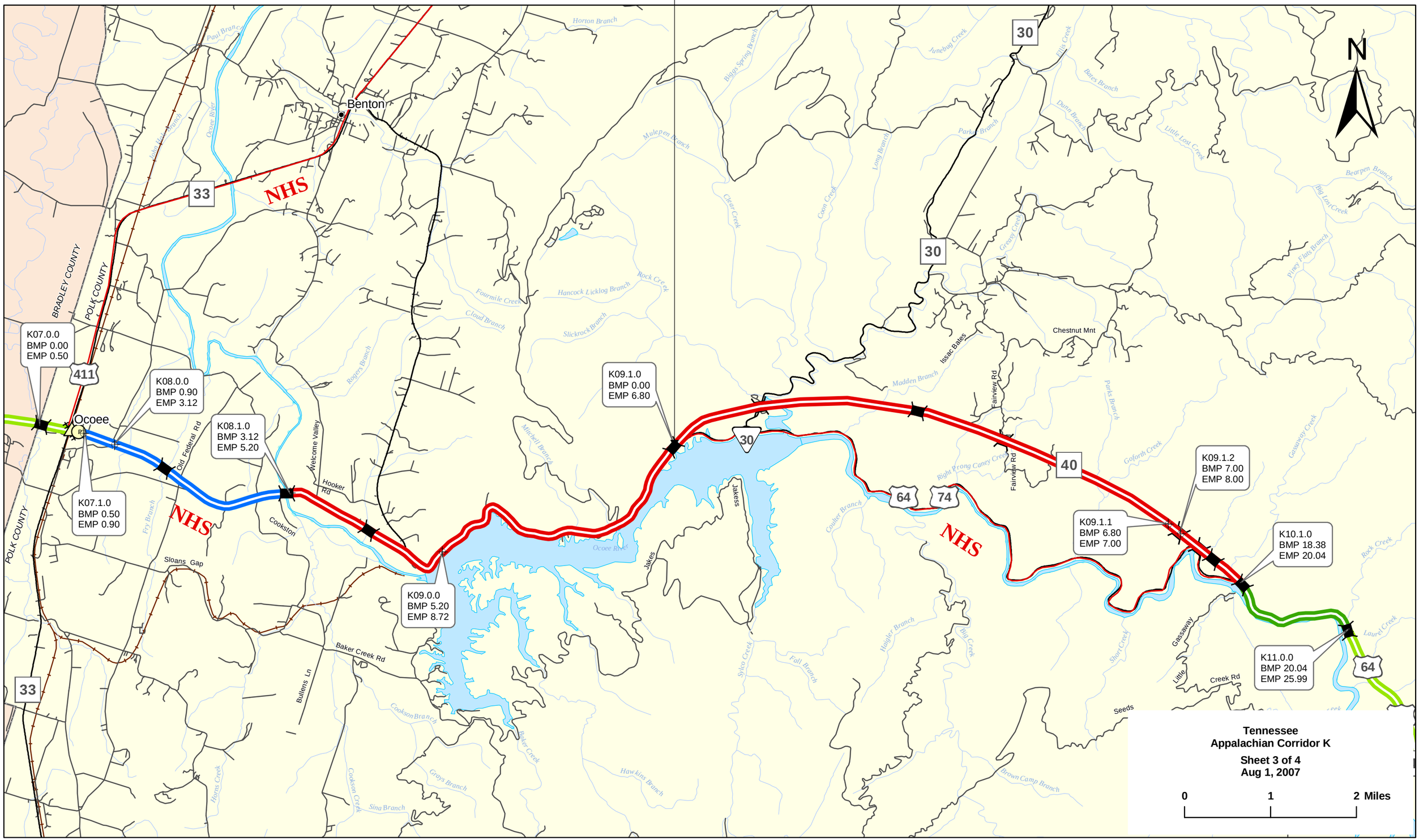
Tennessee
Appalachian Corridor K
Sheet 2 of 4
Aug 1, 2007

0 1 2 Miles

APD-40-I(9) E

APD-NHE-40(11) E

APD-14-(1) E



APD-40-I(9)E
APD-40-I(31)C
APD-40-I(24)C
APD-40-I(11)C
APD-40-I(10)R
APD-14-(1)E
APD-40-I(19)C
APD-NHE-40(12)E
APD-40-I(14)C
APD-57-I(1)E
APD-57-I(2)R&E
APD-57-I(13)C

N

30
30
40
64
74
NHS
64
74
40
NHS
68
68

K09.1.1
BMP 6.80
EMP 7.00

K09.1.2
BMP 7.00
EMP 8.00

K10.1.0
BMP 18.38
EMP 20.04

K11.0.0
BMP 20.04
EMP 25.99

K12.0.0
BMP 25.99
EMP 26.58

K13.0.0
BMP 26.58
EMP 30.03

K14.0.0
EMP 30.03

Ducktown

Chestnut Mnt

Clear Creek
Coon Creek
Long Branch
Rock Creek
Madden Branch
Issac Bates
Fairview Rd
Greasy Creek
Right Prong Caney Creek
Parks Branch
Goforth Creek
Gassaway Creek
Rogers Branch
Rock Creek
Johnson Creek
Jenkins Grave Branch
Sulphur Springs Branch
Pace Shanty Branch
Bymer Camp Branch
Turtletown Creek
Negro Creek
Belcher Creek
Jakess
Coulter Branch
Haigler Branch
Fall Branch
Big Creek
Short Creek
Gassaway
Little
Creek Rd
Seeds
Williams Creek
Rough Creek
Jones Creek
Ocoee River
Brown Camp Branch
Low Gap Branch
West Fork Rough Creek
Laurel Branch
Payne Branch
Indian Creek
Peter Camp Branch
Sylco Creek
Grassy Creek
Brush Creek
Postelle Rd
Cherokee Trail Rd
London
Old Stansberry
Main St
Reesetown Rd
Stansbury
Bethlehem Rd
Belltown Creek
North Potato Creek

POLK COUNTY
POLK COUNTY
NORTH CAROLINA

Tennessee
Appalachian Corridor K
Sheet 4 of 4
Aug 1, 2007

0 1 2 Miles

2007 Appalachian Developement Highway System Cost Estimate

Table B - Design Classification and Cost Estimate by Estimate Sections with Corridor Totals

State: TN ADHS Corridor: S

Section ID	**S01.0.0**	**S02.0.0**	**S02.0.1**	**S02.1.0**	**S02.2.0**	**S03.0.0**
LRS Milepoint: Beginning/Ending	**0.410/2.790**	**2.790/3.150**	**3.150/3.900**	**3.900/5.370**	**5.370/6.800**	**6.800/7.100**
Status	**Stage Construction**	**Completed**	**Completed**	**Completed**	**Stage Construction**	**Completed**
1. Finance Code	21	20	20	20	21	20
2. Section Length(Miles)	2.5	0.4	0.8	1.5	1.4	0.3
3. Class/Urban Code	U/476	U/476	U/476	U/476	U/476	U/476
4. Location:						
---- *a. FIPS State/County/Congressional*	47/63/1	47/63/1	47/63/1	47/63/1	47/63/1	47/63/1
---- *b. HPMS Route/Subroute*	32SR032001/0	32SR032001/0	32SR032001/0	32SR032001/0	32SR032001/0	32SR032001/0
---- *c. HPMS Signed Route/Strip Map #*	200000025E/S1	200000025E/S1	200000025E/S1	200000025E/S1	200000025E/S1	200000025E/S1
5. Estimate Section/NHS Designation	1/NHS	1/NHS	1/NHS	1/NHS	1/NHS	1/NHS
6. Design Speed(mph)	60	60	60	60	60	60
7. Traffic:						
---- *a. ADT-Base Year (2005)*	19,550	15,850	15,850	15,850	22,900	21,840
---- *b. ADT-Year 2015*	27,350	22,210	22,210	22,210	3,200	30,580
---- *c. Design Year*	2,027	2,000	1,998	1,998	2,007	1,998
---- *d. ADT-Design Year*	36,700	15,800	14,000	14,000	25,700	20,400
---- *e. DHV-Design Year*	4,771	2,054	1,822	1,822	3,084	2,448
---- *f. % Truck Design Year(DHV)*	10	10	10	10	10	10
---- *g. % Truck Design Year(ADT)*	14	14	14	14	14	14
---- *h. Directional Distribution Factor*	60	60	60	60	60	60
8. Number of Lanes to be Constructed this Estimate	0	0	0	0	0	0
9. Ultimate Number of Through Traffic Lanes	4	4	4	4	4	4
10. Typical X-Section of Reference/Access Control	D/None	B/None	B/None	B/None	B/None	B/None
11. Right-of-Way Width(ft), prevailing	300	300	300	300	300	300
12. Median Width(ft), prevailing	64	64	64	64	64	64
13. Status of Development(Figure 4)	3a3a	1a	1a	1a	3a3a	1a

Estimated Cost($1,000) per Work Classification

14. Preliminary Engineering:						
---- *a. Location*	0	0	0	0	0	0
---- *b. Design*	0	0	0	0	0	0
15. Right-of-Way:						
---- *a. Acquisition*	0	0	0	0	0	0
---- *b. Relocation*	0	0	0	0	0	0
16. Utility Adjustments	0	0	0	0	0	0
17. Erosion Control/Clear/Grade/Drain/Minor Structure	414	0	0	0	360	0
18. Subbase, Base, Surfacing, Shoulders	1,125	0	0	0	535	0
19. Railroad Grade Seperations	0	0	0	0	0	0
20. Highway Grade Seperations without Ramps	0	0	0	0	0	0
21. Interchanges	8,623	0	0	0	8,623	0
22. Other Bridges, Tunnels, and Walls	0	0	0	0	0	0
23. Traffic Control	57	0	0	0	57	0
24. Environmental Mitigation	0	0	0	0	0	0
25. Roadside Improvements:						
---- *a. Landscape Planting*	57	0	0	0	29	0
---- *b. Rest Area, Overlooks*	0	0	0	0	0	0
26. All Other Items	444	0	0	0	416	0
27. Subtotal(lines 17 thru 26)	**10,720**	**0**	**0**	**0**	**10,020**	**0**
28. Construction Engineering(5.00000000% of line 27)	**536**	**0**	**0**	**0**	**501**	**0**
29. Total Cost of Construction(lines 27 & 28)	**11,256**	**0**	**0**	**0**	**10,521**	**0**
30. Total Estimated Cost(lines 14, 15, 16, 29 & 5% Contingency)	**11,819**	**0**	**0**	**0**	**11,047**	**0**

2007 Appalachian Developement Highway System Cost Estimate

Table B - Design Classification and Cost Estimate by Estimate Sections with Corridor Totals

State: TN ADHS Corridor: S

Section ID	**S04.0.0**	**S06.0.0**	**S08.0.0**	**S08.1.0**	**S09.0.0**	**S09.1.0**
LRS Milepoint: Beginning/Ending	**7.100/9.750**	**9.750/9.920**	**0.000/5.270**	**5.270/5.830**	**29.930/28.850**	**28.850/27.200**
Status	**Completed**	**Completed**	**Stage Construction**	**Completed**	**Completed**	**Completed**
1. Finance Code	20	20	21	20	20	20
2. Section Length(Miles)	2.7	0.2	5.3	1.1	1.4	1.8
3. Class/Urban Code	U/476	U/476	R/0	R/0	R/0	R/0
4. Location:						
---- *a. FIPS State/County/Congressional*	47/63/1	47/63/1	47/57/3	47/57/3	47/57/3	47/57/3
---- *b. HPMS Route/Subroute*	32SR032001/0	32SR032001/0	29SR032001/0	29SR032001/0	29SR001001/0	29SR001001/0
---- *c. HPMS Signed Route/Strip Map #*	200000025E/S1	200000025E/S1	200000025E/S1	200000025E/S2	2000000011/S2	2000000011/S2
5. Estimate Section/NHS Designation	1/NHS	1/NHS	1/NHS	1/NHS	1/NHS	1/NHS
6. Design Speed(mph)	60	60	70	70	70	70
7. Traffic:						
---- *a. ADT-Base Year (2005)*	25,200	25,200	24,000	17,650	14,750	14,750
---- *b. ADT-Year 2015*	29,400	35,280	33,600	24,730	20,630	20,630
---- *c. Design Year*	2,007	1,998	2,011	2,015	2,015	2,015
---- *d. ADT-Design Year*	23,500	23,500	28,800	26,500	22,200	22,200
---- *e. DHV-Design Year*	3,055	3,055	3,744	3,445	2,886	2,886
---- *f. % Truck Design Year(DHV)*	8	8	8	8	11	11
---- *g. % Truck Design Year(ADT)*	12	12	12	12	13	13
---- *h. Directional Distribution Factor*	60	60	60	60	60	60
8. Number of Lanes to be Constructed this Estimate	0	0	0	0	0	0
9. Ultimate Number of Through Traffic Lanes	4	4	4	4	4	4
10. Typical X-Section of Reference/Access Control	A/None	A/None	B/None	B/Partial	B/Partial	B/None
11. Right-of-Way Width(ft), prevailing	300	300	300	300	300	300
12. Median Width(ft), prevailing	64	64	64	64	64	64
13. Status of Development(Figure 4)	1a	1a	3a3a	1a	1a	1a

Estimated Cost($1,000) per Work Classification

14. Preliminary Engineering:						
---- *a. Location*	0	0	0	0	0	0
---- *b. Design*	0	0	197	0	0	0
15. Right-of-Way:						
---- *a. Acquisition*	0	0	0	0	0	0
---- *b. Relocation*	0	0	0	0	0	0
16. Utility Adjustments	0	0	0	0	0	0
17. Erosion Control/Clear/Grade/Drain/Minor Structure	0	0	0	0	0	0
18. Subbase, Base, Surfacing, Shoulders	0	0	703	0	0	0
19. Railroad Grade Seperations	0	0	0	0	0	0
20. Highway Grade Seperations without Ramps	0	0	0	0	0	0
21. Interchanges	0	0	0	0	0	0
22. Other Bridges, Tunnels, and Walls	0	0	0	0	0	0
23. Traffic Control	0	0	57	0	0	0
24. Environmental Mitigation	0	0	0	0	0	0
25. Roadside Improvements:						
---- *a. Landscape Planting*	0	0	95	0	0	0
---- *b. Rest Area, Overlooks*	0	0	2,963	0	0	0
26. All Other Items	0	0	113	0	0	0
27. Subtotal(lines 17 thru 26)	**0**	**0**	**3,931**	**0**	**0**	**0**
28. Construction Engineering(5.00000000% of line 27)	**0**	**0**	**197**	**0**	**0**	**0**
29. Total Cost of Construction(lines 27 & 28)	**0**	**0**	**4,128**	**0**	**0**	**0**
30. Total Estimated Cost(lines 14, 15, 16, 29 & 5% Contingency)	**0**	**0**	**4,541**	**0**	**0**	**0**

2007 Appalachian Developement Highway System Cost Estimate

Table B - Design Classification and Cost Estimate by Estimate Sections with Corridor Totals

State: TN ADHS Corridor: S

Section ID	**S10.0.0**	**S10.1.0**	**S11.0.0**	**S12.0.0**	**S13.0.0**	**S14.0.0**
LRS Milepoint: Beginning/Ending	**5.830/7.000**	**7.000/8.850**	**8.850/10.720**	**10.720/12.980**	**12.980/14.960**	**14.960/15.500**
Status	**Completed**	**Completed**	**Completed**	**Completed**	**Completed**	**Completed**
1. Finance Code	20	20	20	20	20	20
2. Section Length(Miles)	1.2	1.8	1.9	2.3	2	0.5
3. Class/Urban Code	R/0	R/0	R/0	R/0	R/0	R/0
4. Location:						
---- *a. FIPS State/County/Congressional*	47/57/3	47/57/3	47/57/3	47/57/3	47/57/3	47/57/3
---- *b. HPMS Route/Subroute*	29SR032001/1	29SR032001/1	29SR032001/1	29SR032001/1	29SR032001/1	29SR032001/1
---- *c. HPMS Signed Route/Strip Map #*	200000025E/S2	200000025E/S2	200000025E/S2	200000025E/S2	200000025E/S2	200000025E/S2
5. Estimate Section/NHS Designation	1/NHS	1/NHS	1/NHS	1/NHS	1/NHS	1/NHS
6. Design Speed(mph)	70	55	55	55	55	55
7. Traffic:						
---- *a. ADT-Base Year (2005)*	11,600	11,600	8,650	8,650	8,650	8,650
---- *b. ADT-Year 2015*	20,440	20,440	12,130	12,130	12,130	12,130
---- *c. Design Year*	2,004	1,996	1,996	1,996	1,996	2,000
---- *d. ADT-Design Year*	11,400	8,700	7,500	7,500	7,500	8,600
---- *e. DHV-Design Year*	1,482	1,131	975	975	975	1,118
---- *f. % Truck Design Year(DHV)*	16	16	16	16	16	16
---- *g. % Truck Design Year(ADT)*	20	20	20	20	20	20
---- *h. Directional Distribution Factor*	60	60	60	60	60	60
8. Number of Lanes to be Constructed this Estimate	0	0	0	0	0	0
9. Ultimate Number of Through Traffic Lanes	4	4	4	4	4	4
10. Typical X-Section of Reference/Access Control	F/Partial	F/None	F/None	F/None	F/None	F/None
11. Right-of-Way Width(ft), prevailing	300	300	300	300	300	300
12. Median Width(ft), prevailing	16	16	16	16	16	16
13. Status of Development(Figure 4)	1a	1a	1a	1a	1a	1a

Estimated Cost($1,000) per Work Classification

14. Preliminary Engineering:						
---- *a. Location*	0	0	0	0	0	0
---- *b. Design*	0	0	0	0	0	0
15. Right-of-Way:						
---- *a. Acquisition*	0	0	0	0	0	0
---- *b. Relocation*	0	0	0	0	0	0
16. Utility Adjustments	0	0	0	0	0	0
17. Erosion Control/Clear/Grade/Drain/Minor Structure	0	0	0	0	0	0
18. Subbase, Base, Surfacing, Shoulders	0	0	0	0	0	0
19. Railroad Grade Seperations	0	0	0	0	0	0
20. Highway Grade Seperations without Ramps	0	0	0	0	0	0
21. Interchanges	0	0	0	0	0	0
22. Other Bridges, Tunnels, and Walls	0	0	0	0	0	0
23. Traffic Control	0	0	0	0	0	0
24. Environmental Mitigation	0	0	0	0	0	0
25. Roadside Improvements:						
---- *a. Landscape Planting*	0	0	0	0	0	0
---- *b. Rest Area, Overlooks*	0	0	0	0	0	0
26. All Other Items	0	0	0	0	0	0
27. Subtotal(lines 17 thru 26)	**0**	**0**	**0**	**0**	**0**	**0**
28. Construction Engineering(5.00000000% of line 27)	**0**	**0**	**0**	**0**	**0**	**0**
29. Total Cost of Construction(lines 27 & 28)	**0**	**0**	**0**	**0**	**0**	**0**
30. Total Estimated Cost(lines 14, 15, 16, 29 & 5% Contingency)	**0**	**0**	**0**	**0**	**0**	**0**

2007 Appalachian Developement Highway System Cost Estimate

Table B - Design Classification and Cost Estimate by Estimate Sections with Corridor Totals

State: TN ADHS Corridor: S

Section ID	**S14.1.0**	**S15.0.0**	**S16.0.0**	**S18.0.0**	**S19.0.0**	**S19.1.0**
LRS Milepoint: Beginning/Ending	**15.500/17.060**	**0.000/7.470**	**7.470/8.880**	**8.880/10.990**	**10.990/12.990**	**12.990/16.710**
Status	**Completed**	**Stage Construction**	**Stage Construction**	**Stage Construction**	**Stage Construction**	**Completed**
1. Finance Code	22	21	21	21	21	20
2. Section Length(Miles)	1.5	7.5	1.4	2.1	2	3.7
3. Class/Urban Code	R/0	R/0	R/0	R/0	R/0	R/0
4. Location:						
---- *a. FIPS State/County/Congressional*	47/57/3	47/25/3	47/25/3	47/25/3	47/25/3	47/25/3
---- *b. HPMS Route/Subroute*	29SR032001/1	13SR032001/0	13SR032001/0	13SR032001/0	13SR032001/0	13SR032001/0
---- *c. HPMS Signed Route/Strip Map #*	200000025E/S2	200000025E/S2	200000025E/S3	200000025E/S3	200000025E/S3	200000025E/S4
5. Estimate Section/NHS Designation	1/NHS	1/NHS	1/NHS	1/NHS	1/NHS	1/NHS
6. Design Speed(mph)	55	70	70	70	70	70
7. Traffic:						
---- *a. ADT-Base Year (2005)*	8,650	11,650	22,550	20,050	18,250	18,250
---- *b. ADT-Year 2015*	12,130	16,330	31,550	28,090	25,570	25,570
---- *c. Design Year*	2,004	2,009	2,009	2,009	2,009	2,004
---- *d. ADT-Design Year*	9,700	13,100	25,500	22,700	20,600	20,600
---- *e. DHV-Design Year*	1,261	1,703	3,315	2,951	2,678	2,678
---- *f. % Truck Design Year(DHV)*	16	14	10	12	14	14
---- *g. % Truck Design Year(ADT)*	20	18	12	14	16	16
---- *h. Directional Distribution Factor*	60	60	60	60	60	60
8. Number of Lanes to be Constructed this Estimate	4	4	0	0	0	0
9. Ultimate Number of Through Traffic Lanes	4	4	4	4	4	4
10. Typical X-Section of Reference/Access Control	G/None	G/None	H/None	H/None	G/None	G/None
11. Right-of-Way Width(ft), prevailing	300	300	300	104	250	250
12. Median Width(ft), prevailing	14	14	14	12	12	12
13. Status of Development(Figure 4)	1a	3a3a	3a3c	3a3c	3a3a	1a
Estimated Cost($1,000) per Work Classification						
14. Preliminary Engineering:						
---- *a. Location*	0	0	0	0	0	0
---- *b. Design*	0	424	218	212	219	0
15. Right-of-Way:						
---- *a. Acquisition*	0	0	0	0	0	0
---- *b. Relocation*	0	0	0	0	0	0
16. Utility Adjustments	0	0	249	316	61	0
17. Erosion Control/Clear/Grade/Drain/Minor Structure	0	3	5	7	7	0
18. Subbase, Base, Surfacing, Shoulders	0	265	371	557	531	0
19. Railroad Grade Seperations	0	0	0	0	0	0
20. Highway Grade Seperations without Ramps	0	0	0	0	0	0
21. Interchanges	0	0	4,311	4,311	4,311	0
22. Other Bridges, Tunnels, and Walls	0	0	0	0	0	0
23. Traffic Control	0	57	57	57	57	0
24. Environmental Mitigation	0	0	0	0	0	0
25. Roadside Improvements:						
---- *a. Landscape Planting*	0	38	38	38	38	0
---- *b. Rest Area, Overlooks*	0	5,926	0	0	0	0
26. All Other Items	0	28	50	59	56	0
27. Subtotal(lines 17 thru 26)	**0**	**6,317**	**4,832**	**5,029**	**5,000**	**0**
28. Construction Engineering(5.00000000% of line 27)	**0**	**316**	**242**	**251**	**250**	**0**
29. Total Cost of Construction(lines 27 & 28)	**0**	**6,633**	**5,074**	**5,280**	**5,250**	**0**
30. Total Estimated Cost(lines 14, 15, 16, 29 & 5% Contingency)	**0**	**7,410**	**5,818**	**6,099**	**5,806**	**0**

2007 Appalachian Developement Highway System Cost Estimate

Table B - Design Classification and Cost Estimate by Estimate Sections with Corridor Totals

State: TN ADHS Corridor: S

Section ID	**S20.0.0**
LRS Milepoint: Beginning/Ending	**16.710/18.060**
Status	**Completed**
1. Finance Code	20
2. Section Length(Miles)	1.4
3. Class/Urban Code	R/0
4. Location:	
---- *a. FIPS State/County/Congressional*	47/25/3
---- *b. HPMS Route/Subroute*	13SR032001/0
---- *c. HPMS Signed Route/Strip Map #*	200000025E/S4
5. Estimate Section/NHS Designation	1/NHS
6. Design Speed(mph)	60
7. Traffic:	
---- *a. ADT-Base Year (2005)*	18,250
---- *b. ADT-Year 2015*	25,570
---- *c. Design Year*	2,000
---- *d. ADT-Design Year*	18,300
---- *e. DHV-Design Year*	2,379
---- *f. % Truck Design Year(DHV)*	14
---- *g. % Truck Design Year(ADT)*	16
---- *h. Directional Distribution Factor*	60
8. Number of Lanes to be Constructed this Estimate	0
9. Ultimate Number of Through Traffic Lanes	4
10. Typical X-Section of Reference/Access Control	B/None
11. Right-of-Way Width(ft), prevailing	200
12. Median Width(ft), prevailing	30
13. Status of Development(Figure 4)	1a

Estimated Cost($1,000) per Work Classification

14. Preliminary Engineering:	
---- *a. Location*	0
---- *b. Design*	0
15. Right-of-Way:	
---- *a. Acquisition*	0
---- *b. Relocation*	0
16. Utility Adjustments	0
17. Erosion Control/Clear/Grade/Drain/Minor Structure	0
18. Subbase, Base, Surfacing, Shoulders	0
19. Railroad Grade Seperations	0
20. Highway Grade Seperations without Ramps	0
21. Interchanges	0
22. Other Bridges, Tunnels, and Walls	0
23. Traffic Control	0
24. Environmental Mitigation	0
25. Roadside Improvements:	
---- *a. Landscape Planting*	0
---- *b. Rest Area, Overlooks*	0
26. All Other Items	0
27. Subtotal(lines 17 thru 26)	**0**
28. Construction Engineering(5.00000000% of line 27)	**0**
29. Total Cost of Construction(lines 27 & 28)	**0**
30. Total Estimated Cost(lines 14, 15, 16, 29 & 5% Contingency)	**0**

2007 Appalachian Developement Highway System Cost Estimate

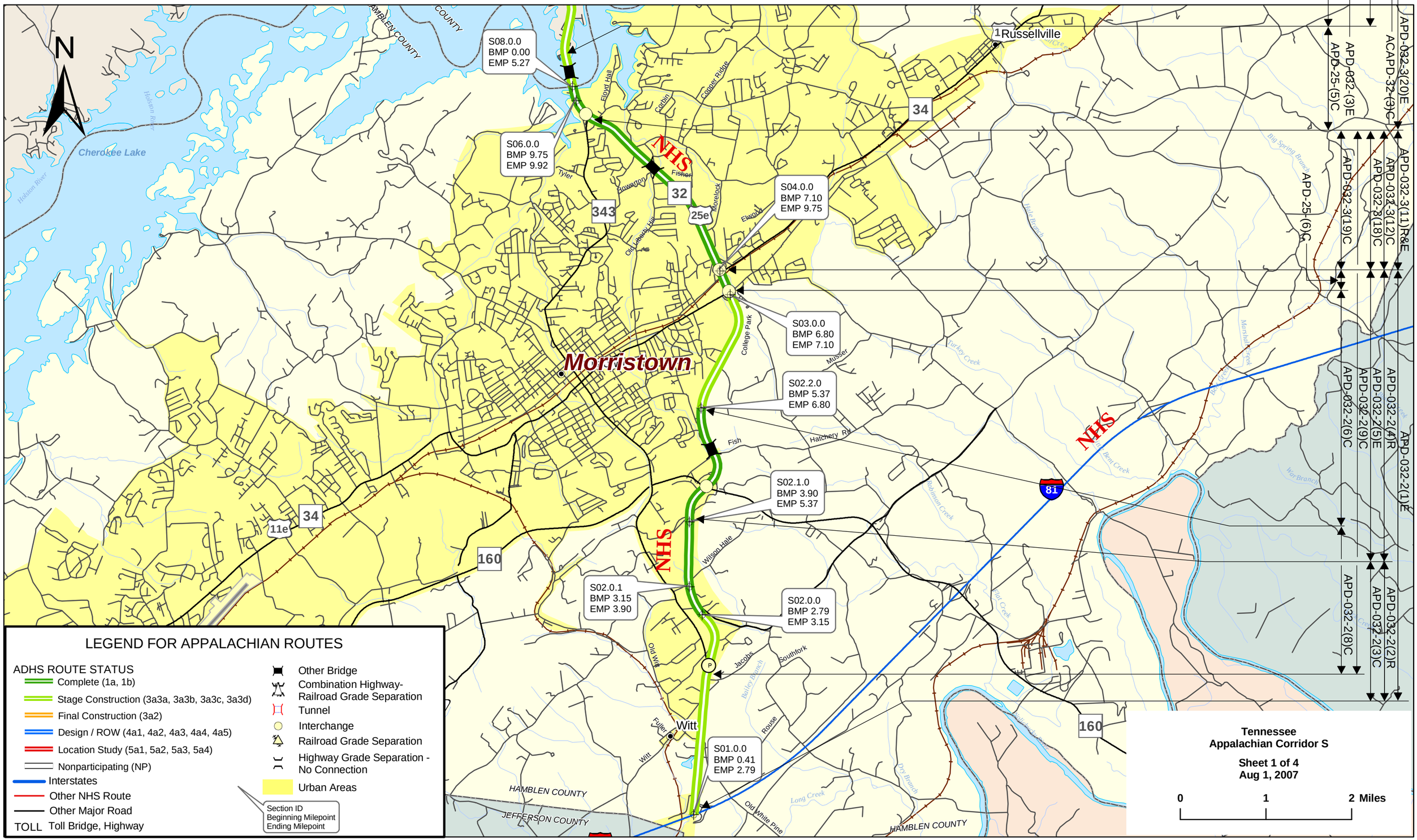
Table B - Design Classification and Cost Estimate by Estimate Sections with Corridor Totals

State: TN ADHS Corridor: S

Section ID	**Corridor**	**Rural**	**Urban**
LRS Milepoint	**Total**	**Subtotal**	**Subtotal**
1. Finance Code			
2. Section Length(Miles)	48.70	38.90	9.80
3. Class/Urban Code			
4. Location:			
---- *a. FIPS State/County/Congressional*			
---- *b. HPMS Route/Subroute*			
---- *c. HPMS Signed Route/Strip Map #*			
5. Estimate Section/NHS Designation			
6. Design Speed(mph)			
7. Traffic:			
---- *a. ADT-Base Year (2005)*			
---- *b. ADT-Year 2015*			
---- *c. Design Year*			
---- *d. ADT-Design Year*			
---- *e. DHV-Design Year*			
---- *f. % Truck Design Year(DHV)*			
---- *g. % Truck Design Year(ADT)*			
---- *h. Directional Distribution Factor*			
8. Number of Lanes to be Constructed this Estimate			
9. Ultimate Number of Through Traffic Lanes			
10. Typical X-Section of Reference/Access Control			
11. Right-of-Way Width(ft), prevailing			
12. Median Width(ft), prevailing			
13. Status of Development(Figure 4)			

Estimated Cost($1,000) per Work Classification

14. Preliminary Engineering:			
---- *a. Location*	0	0	0
---- *b. Design*	1,270	1,270	0
15. Right-of-Way:			
---- *a. Acquisition*	0	0	0
---- *b. Relocation*	0	0	0
16. Utility Adjustments	626	626	0
17. Erosion Control/Clear/Grade/Drain/Minor Structure	796	22	774
18. Subbase, Base, Surfacing, Shoulders	4,087	2,427	1,660
19. Railroad Grade Seperations	0	0	0
20. Highway Grade Seperations without Ramps	0	0	0
21. Interchanges	30,179	12,933	17,246
22. Other Bridges, Tunnels, and Walls	0	0	0
23. Traffic Control	399	285	114
24. Environmental Mitigation	0	0	0
25. Roadside Improvements:			
---- *a. Landscape Planting*	333	247	86
---- *b. Rest Area, Overlooks*	8,889	8,889	0
26. All Other Items	1,166	306	860
27. Subtotal(lines 17 thru 26)	45,849	25,109	20,740
28. Construction Engineering(5.00000000% of line 27)	2,292	1,255	1,037
29. Total Cost of Construction(lines 27 & 28)	48,141	26,364	21,777
30. Total Estimated Cost(lines 14, 15, 16, 29 & 5% Contingency)	52,539	29,673	22,866



LEGEND FOR APPALACHIAN ROUTES

ADHS ROUTE STATUS

- Complete (1a, 1b)
- Stage Construction (3a3a, 3a3b, 3a3c, 3a3d)
- Final Construction (3a2)
- Design / ROW (4a1, 4a2, 4a3, 4a4, 4a5)
- Location Study (5a1, 5a2, 5a3, 5a4)
- Nonparticipating (NP)
- Interstates
- Other NHS Route
- Other Major Road
- TOLL Toll Bridge, Highway

- Other Bridge
- Combination Highway-Railroad Grade Separation
- Tunnel
- Interchange
- Railroad Grade Separation
- Highway Grade Separation - No Connection
- Urban Areas

Section ID
Beginning Milepoint
Ending Milepoint

APD-032-3(9)E
APD-032-3(20)E
APD-25-(9)E
APD-032-3(13)E
0032 006 ER&C
ACAPD-32(3)C
APD-25-(1)C
APD-032-3(216)E
0032 010 C
APD-NH-32(20)
APD-032-3(14)E&R&C
APD-032-3(17)E
APD-001-9(36)E
APD-NH-32-18
APD-032-(3)E

S15.0.0
BMP 0.00
EMP 7.47

S14.1.0
BMP 15.50
EMP 17.06

S14.0.0
BMP 14.96
EMP 15.50

S13.0.0
BMP 12.98
EMP 14.96

S12.0.0
BMP 10.72
EMP 12.98

S11.0.0
BMP 8.85
EMP 10.72

S10.1.0
BMP 7.00
EMP 8.85

S10.0.0
BMP 5.83
EMP 7.00

S09.1.0
BMP 27.20
EMP 28.85

S09.0.0
BMP 28.85
EMP 29.93

S08.1.0
BMP 5.27
EMP 5.83

S08.0.0
BMP 0.00
EMP 5.27

Upper Caney Valley
CLAIBORNE CO
Clinch River
GRAINGER COUNTY
Big Creek
Caney Fork
Emerson
Raven Fork
Riverside
Lambert
Black Fox Creek
NHS
Owl Hollow
Rocky Fork
Thorn Hill
Old Mountain
Coffey Chapel
Rucker Branch
Joe Mill Creek
Annes Creek
Briar Ln
Hill
Gardener
Robert
Samsel
Rocky Springs
Phyllis
Bean Station
Floyd Atkins
New Dixie
Notch Gap
Steve Brown
Miller
Overlook
BEAN STATION
Newman Hollow
Kirkham
Dalton
Tomahawk Hill
Rugged Range
Rocky Summit
HAWKINS COUNTY
Cherokee Lake
Rest Area
Lake
Wolfe
Holston River
Highland Creek
Hoskins Area
GRAINGER COUNTY
HAMBLEN COUNTY
Floyd Hall
31
32
1
11W
25E
N

Tennessee
Appalachian Corridor S
Sheet 2 of 4
Aug 1, 2007

0 1 2 Miles

APD-032-3(9)E

APD-25-(9)E

APD-NH-32(16) | APD-NH-32(21) C | APD-NH-32(20)

STP-NH-32(17) | 032 015 R | APD-NH-32(18)

N

S19.1.0
BMP 12.99
EMP 16.71

S19.0.0
BMP 10.99
EMP 12.99

S18.0.0
BMP 8.88
EMP 10.99

S16.0.0
BMP 7.47
EMP 8.88

S15.0.0
BMP 0.00
EMP 7.47

NHS

Tazewell

New Tazewell

Lone Mountain

Rest Area

Powell River

Black Fox Creek

CLAIBORNE COUNTY

GRAINGER COUNTY

Tennessee
Appalachian Corridor S

Sheet 3 of 4
Aug 1, 2007

0 1 2 Miles

APD-032-3(9)E

APD-25-(9)E

APD-032-3(7)R

APD-NH-32-(16)

APD-032-3(8)C

STP-NH-32-(17)

N

VIRGINIA

KENTUCKY

CLAIBORNE COUNTY

CLAIBORNE COUNTY

Cumberland Gap

Harrogate

Shawanee

HARROGATE

Forge Greers Chapel

Parkmont

Rhodes

Trinity

Arthur

Rosebud

Bug Hole Rd

Redbird

Fry

Old Jacksboro

King Bend

Hatfield

Pine Hill

Billy Beeler

Harber

Blairs Creek

Yancel

Ridge

Saddletur

Freeman

Ponderosa

Paul Williams

Old Mulberry

Anders

Baldwin

Dogwood

Crosby

Briar

McVey

Johnny Greer

Gap Creek

Powell

Blackberry

Evans

Perman Rd

Mount Rd

Valley Glade Dr

Gibson

Hyview

Thomas

Red Hill Rd

Red Hill Rd

Sharp Rd

Sharp Ln

Price

Pierce

Lyon

Hunter Rd

Yoakum Ln

Pump Hollow

Tipell Rd

Golden Pearman

Keg Branch

Old Town Creek

Powell River

Powell River

Russell Creek

Cedar Fork Creek

Island Creek

Canoe Branch

Marr Branch

Cox Creek

Station Creek

Indian Creek

Little Yellow Creek

Langley Branch

NHS

NHS

NHS

32

25e

63

345

F09.1.0
BMP 19.81
EMP 20.78

F09.0.0
BMP 18.06
EMP 19.81

S20.0.0
BMP 16.71
EMP 18.06

S19.1.0
BMP 12.99
EMP 16.71

S19.0.0
BMP 10.99
EMP 12.99

F08.0.0
BMP 10.71
EMP 18.15

Tennessee
Appalachian Corridor S

Sheet 4 of 4
Aug 1, 2007

0 1 2 Miles

2007 Appalachian Developement Highway System Cost Estimate

Table B - Design Classification and Cost Estimate by Estimate Sections with Corridor Totals

State: TN ADHS Corridor: V

Section ID	**V01.0.0**	**V02.0.0**
LRS Milepoint: Beginning/Ending	**0.000/2.970**	**2.970/4.200**
Status	**Stage Construction**	**Stage Construction**
1. Finance Code	21	21
2. Section Length(Miles)	2.5	1.3
3. Class/Urban Code	R/0	R/0
4. Location:		
---- *a. FIPS State/County/Congressional*	47/115/4	47/115/4
---- *b. HPMS Route/Subroute*	57SR027001/0	57SR027001/0
---- *c. HPMS Signed Route/Strip Map #*	2000000027/V1	2000000072/V1
5. Estimate Section/NHS Designation	1/NHS	1/NHS
6. Design Speed(mph)	50	50
7. Traffic:		
---- *a. ADT-Base Year (2005)*	12,040	25,100
---- *b. ADT-Year 2015*	16,580	35,190
---- *c. Design Year*	2,021	2,025
---- *d. ADT-Design Year*	19,300	45,280
---- *e. DHV-Design Year*	2,316	5,434
---- *f. % Truck Design Year(DHV)*	9	9
---- *g. % Truck Design Year(ADT)*	15	12
---- *h. Directional Distribution Factor*	55	60
8. Number of Lanes to be Constructed this Estimate	0	0
9. Ultimate Number of Through Traffic Lanes	4	4
10. Typical X-Section of Reference/Access Control	B/Partial	F/None
11. Right-of-Way Width(ft), prevailing	300	300
12. Median Width(ft), prevailing	64	16
13. Status of Development(Figure 4)	3a3a	3a3a

Estimated Cost($1,000) per Work Classification

14. Preliminary Engineering:		
---- *a. Location*	0	0
---- *b. Design*	1,086	0
15. Right-of-Way:		
---- *a. Acquisition*	0	0
---- *b. Relocation*	0	0
16. Utility Adjustments	0	0
17. Erosion Control/Clear/Grade/Drain/Minor Structure	0	4
18. Subbase, Base, Surfacing, Shoulders	0	345
19. Railroad Grade Seperations	0	0
20. Highway Grade Seperations without Ramps	0	0
21. Interchanges	17,246	8,623
22. Other Bridges, Tunnels, and Walls	0	496
23. Traffic Control	86	0
24. Environmental Mitigation	0	0
25. Roadside Improvements:		
---- *a. Landscape Planting*	10	0
---- *b. Rest Area, Overlooks*	5,926	0
26. All Other Items	743	36
27. Subtotal(lines 17 thru 26)	**24,011**	**9,504**
28. Construction Engineering(5.00000000% of line 27)	**1,201**	**475**
29. Total Cost of Construction(lines 27 & 28)	**25,212**	**9,979**
30. Total Estimated Cost(lines 14, 15, 16, 29 & 5% Contingency)	**27,612**	**10,478**

2007 Appalachian Developement Highway System Cost Estimate

Table B - Design Classification and Cost Estimate by Estimate Sections with Corridor Totals

State: TN ADHS Corridor: V

Section ID	**Corridor**	**Rural**	**Urban**
LRS Milepoint	**Total**	**Subtotal**	**Subtotal**
1. Finance Code			
2. Section Length(Miles)	3.80	3.80	0.00
3. Class/Urban Code			
4. Location:			
---- *a. FIPS State/County/Congressional*			
---- *b. HPMS Route/Subroute*			
---- *c. HPMS Signed Route/Strip Map #*			
5. Estimate Section/NHS Designation			
6. Design Speed(mph)			
7. Traffic:			
---- *a. ADT-Base Year (2005)*			
---- *b. ADT-Year 2015*			
---- *c. Design Year*			
---- *d. ADT-Design Year*			
---- *e. DHV-Design Year*			
---- *f. % Truck Design Year(DHV)*			
---- *g. % Truck Design Year(ADT)*			
---- *h. Directional Distribution Factor*			
8. Number of Lanes to be Constructed this Estimate			
9. Ultimate Number of Through Traffic Lanes			
10. Typical X-Section of Reference/Access Control			
11. Right-of-Way Width(ft), prevailing			
12. Median Width(ft), prevailing			
13. Status of Development(Figure 4)			

Estimated Cost($1,000) per Work Classification

14. Preliminary Engineering:			
---- *a. Location*	0	0	0
---- *b. Design*	1,086	1,086	0
15. Right-of-Way:			
---- *a. Acquisition*	0	0	0
---- *b. Relocation*	0	0	0
16. Utility Adjustments	0	0	0
17. Erosion Control/Clear/Grade/Drain/Minor Structure	4	4	0
18. Subbase, Base, Surfacing, Shoulders	345	345	0
19. Railroad Grade Seperations	0	0	0
20. Highway Grade Seperations without Ramps	0	0	0
21. Interchanges	25,869	25,869	0
22. Other Bridges, Tunnels, and Walls	496	496	0
23. Traffic Control	86	86	0
24. Environmental Mitigation	0	0	0
25. Roadside Improvements:			
---- *a. Landscape Planting*	10	10	0
---- *b. Rest Area, Overlooks*	5,926	5,926	0
26. All Other Items	779	779	0
27. Subtotal(lines 17 thru 26)	33,515	33,515	0
28. Construction Engineering(5.00000000% of line 27)	1,676	1,676	0
29. Total Cost of Construction(lines 27 & 28)	35,191	35,191	0
30. Total Estimated Cost(lines 14, 15, 16, 29 & 5% Contingency)	38,091	38,091	0

APD-013-(1)E

APD-13-(7)E

ACAPD-27-(34)R

APD-27-(35)C

N

64

24

NHS

72

150

Jasper

28

Kimball

Nelson

Sweetens Cove

Battle Creek

Cedar Grove

Hillcrest

Glover Branch

Roulston Branch

Sequatchie River

Tennessee River

Cross Creek

Sweden Creek

Poplar Spring Branch

Pikeville

156

Orme

Coldwatertown

Poulstontown

V02.0.0
BMP 2.97
EMP 4.20

V01.0.0
BMP 0
EMP 2.97

South Pittsburg

Rivers Landing

422

New Hope

Graham Branch

Welcome Center

27

MARION COUNTY

MARION COUNTY

ALABAMA

LEGEND FOR APPALACHIAN ROUTES

ADHS ROUTE STATUS

- Complete (1a, 1b)
- Stage Construction (3a3a, 3a3b, 3a3c, 3a3d)
- Final Construction (3a2)
- Design / ROW (4a1, 4a2, 4a3, 4a4, 4a5)
- Location Study (5a1, 5a2, 5a3, 5a4)
- Nonparticipating (NP)
- Interstates
- Other NHS Route
- Other Major Road
- TOLL Toll Bridge, Highway

- Other Bridge
- Combination Highway-Railroad Grade Separation
- Tunnel
- Interchange
- Railroad Grade Separation
- Highway Grade Separation - No Connection
- Urban Areas

Section ID
Beginning Milepoint
Ending Milepoint

Tennessee
Appalachian Corridor V

Sheet 1 of 1
Aug 1, 2007

0 1 2 Miles

2007 Appalachian Development Highway System Cost Estimate

Table C State/Commonwealth of Tennessee

Cost Estimates By Corridors and State Total

(Includes all eligible costs and associated mileages reported in Table B for Finance codes 21, 22, and 23)

ADHS Corridor	B		F		J	
Class: Rural or Urban	Rural	Urban	Rural	Urban	Rural	Urban
Length in miles	6.3	5.8	14.4	2.4	21.9	1.6
Total Mileage (Rural + Urban)	12.1		16.8		23.5	
Work Classification	Estimated Costs ($1,000)					
14. Preliminary Engineering: a. Location	0	0	0	0	519	0
b. Design	0	4,137	0	62	2,072	148
15. Right-of-Way: a. Acquisition	0	1,111	0	0	10,311	0
b. Relocation	0	33	0	0	993	0
16. Utility Adjustments	0	84	0	0	2,480	0
17. Ersn Ctrl/Clear/Grade/Drain/Minor Structure	7	9,806	9,694	8	54,364	261
18. Subbase, Base, Surfacing, Shoulders	531	2,598	10,270	654	18,685	424
19. Railroad Grade Separations	0	0	0	0	0	929
20. Highway Grade Separation without Ramps	0	0	0	0	800	970
21. Interchanges	0	8,623	0	0	17,584	0
22. Other Bridges, Tunnels, and Walls	0	4,449	0	354	1,680	0
23. Traffic Control	57	32	220	40	661	172
24. Environmental Mitigation	0	0	0	0	0	0
25. Roadside Improvements: a. Landscape Planting	95	0	189	43	424	62
b. Rest Areas, Overlooks	5,926	807	2,523	0	2,963	0
26. All Other Items	1,872	3,009	1,282	120	5,090	139
27. Subtotal (Lines 17 through 26)	8,488	29,324	24,178	1,219	102,251	2,957
28. Construction E & C (5.00 % of line 27 and 28)	424	1,466	1,209	61	5,113	148
29. Total Cost of Construction (lines 27 and 28)	8,912	30,790	25,387	1,280	107,364	3,105
30. Total Estimated Cost (lines 14, 15, 16, & 29)	9,358	37,963	26,656	1,409	129,925	3,415
31. Total Cost (Rural + Urban)	47,321		28,065		133,341	

2007 Appalachian Development Highway System Cost Estimate

Table C State/Commonwealth of Tennessee

Cost Estimates By Corridors and State Total

(Includes all eligible costs and associated mileages reported in Table B for Finance codes 21, 22, and 23)

ADHS Corridor	J1		K		S	
Class: Rural or Urban	Rural	Urban	Rural	Urban	Rural	Urban
Length in miles	0.0	0.0	27.3	2.7	19.8	3.9
Total Mileage (Rural + Urban)	0.0		30.0		23.7	
Work Classification	Estimated Costs ($1,000)					
14. Preliminary Engineering: a. Location	0	0	11,674	0	0	0
b. Design	0	0	15,352	0	1,270	0
15. Right-of-Way: a. Acquisition	0	0	7,587	265	0	0
b. Relocation	0	0	974	256	0	0
16. Utility Adjustments	0	0	1,882	123	626	0
17. Ersn Ctrl/Clear/Grade/Drain/Minor Structure	0	0	78,408	1,929	22	774
18. Subbase, Base, Surfacing, Shoulders	0	0	37,003	1,600	2,427	1,660
19. Railroad Grade Separations	0	0	1,334	0	0	0
20. Highway Grade Separation without Ramps	0	0	34,370	0	0	0
21. Interchanges	0	0	7,494	0	12,933	17,246
22. Other Bridges, Tunnels, and Walls	0	0	35,361	654	0	0
23. Traffic Control	0	0	727	29	285	114
24. Environmental Mitigation	0	0	211,041	0	0	0
25. Roadside Improvements: a. Landscape Planting	0	0	835	21	247	86
b. Rest Areas, Overlooks	0	0	0	0	8,889	0
26. All Other Items	0	0	31,496	200	306	860
27. Subtotal (Lines 17 through 26)	0	0	438,069	4,433	25,109	20,740
28. Construction E & C (5.00 % of line 27 and 28)	0	0	21,903	222	1,255	1,037
29. Total Cost of Construction (lines 27 and 28)	0	0	459,972	4,655	26,364	21,777
30. Total Estimated Cost (lines 14, 15, 16, & 29)	0	0	522,314	5,564	29,673	22,866
31. Total Cost (Rural + Urban)	0		527,877		52,539	

2007 Appalachian Development Highway System Cost Estimate

Table C State/Commonwealth of Tennessee

Cost Estimates By Corridors and State Total

(Includes all eligible costs and associated mileages reported in Table B for Finance codes 21, 22, and 23)

ADHS Corridor	V				Subtotal		State Total
Class: Rural or Urban	Rural	Urban	Rural	Urban	Rural	Urban	
Length in miles	3.8	0.0			93.5	16.4	
Total Mileage (Rural + Urban)	3.8						109.9
Work Classification	Estimated Costs ($1,000)						
14. Preliminary Engineering: a. Location	0	0			12,193	0	12,193
b. Design	1,086	0			19,780	4,347	24,127
15. Right-of-Way: a. Acquisition	0	0			17,898	1,376	19,274
b. Relocation	0	0			1,967	289	2,256
16. Utility Adjustments	0	0			4,988	207	5,195
17. Ersn Ctrl/Clear/Grade/Drain/Minor Structure	4	0			142,499	12,778	155,277
18. Subbase, Base, Surfacing, Shoulders	345	0			69,261	6,936	76,197
19. Railroad Grade Separations	0	0			1,334	929	2,263
20. Highway Grade Separation without Ramps	0	0			35,170	970	36,140
21. Interchanges	25,869	0			63,880	25,869	89,749
22. Other Bridges, Tunnels, and Walls	496	0			37,537	5,457	42,994
23. Traffic Control	86	0			2,036	387	2,423
24. Environmental Mitigation	0	0			211,041	0	211,041
25. Roadside Improvements: a. Landscape Planting	10	0			1,800	212	2,012
b. Rest Areas, Overlooks	5,926	0			26,227	807	27,034
26. All Other Items	779	0			40,825	4,328	45,153
27. Subtotal (Lines 17 through 26)	33,515	0			631,610	58,673	690,283
28. Construction E & C (5.00 % of line 27 and 28)	1,676	0			31,581	2,934	34,514
29. Total Cost of Construction (lines 27 and 28)	35,191	0			663,191	61,607	724,797
30. Total Estimated Cost (lines 14, 15, 16, & 29)	38,091	0			756,017	71,217	
31. Total Cost (Rural + Urban)	38,091						827,234

TABLE D

Prefinanced (AC-APD) Projects, Bond Issue Projects, and Advanced Right-of-Way Projects
(Projects Completed or in Authorized Status as of September 30, 2006

State/Commonwealth of Tennessee

TABLE E
Federal Funds Earmarked for the ADHS and Not Obligated by 9-30-06

State/Commonwealth of Tennessee

Name of the Act	Section in the Act	ADHS Corridor	FHWA Approp. Code	Description of the Project	Total Amount of Federal Funds Authorized	Remaining Amount of Federal Funds not obligated
Consolidated Appropriations Act of 2004	Division F, Title I, P.L. 108-199	B	54K0	Any eligible project	6,135,722	6,135,722
ISTEA	P.L. 102-143	B	54I0	Highway Study-Interchange-Johnson City	280,000	246,440
SAFETEA-LU	1702	S	HY10	Hamblen County, U.S.-25E Interchange Improvements	160,000	160,000
SAFETEA-LU	1702	S	LY10	Hamblen County, U.S.-25E Interchange Improvements	640,000	158,400
SAFETEA-LU	1702	K	LY20	Construct Interchange on Hwy 64 adjacent to I-75 in Cleveland	1,000,000	247,500
FY 03 Appropriations Act	Division I, Title I, P.L. 108-7	K	54J0	Any eligible project on Corridor K	7,948,000	7,948,000
Fiscal Year 03 Appropriations Act	Division I, Title I, P.L. 108-7	F	54H0	Any eligible project	10,792,352	10,792,352
Appropriations Act for FY02	Conf. Report, Page 13, P.L. 107-87	B	54G0	Any eligible project	12,344,275	12,344,275
SAFETEA-LU	1702	K	HY20	Construct Interchange on Hwy 64 adjacent to I-75 in Cleveland	250,000	250,000
SAFETEA-LU	1934	K	LY30	Construct Interchange on Hwy 64 adjacent to I-75 in Cleveland	2,000,000	596,000