APPALACHIAN DEVELOPMENT HIGHWAY SYSTEM

KENTUCKY

2012 ESTIMATE
OF THE COST TO COMPLETE
THE APPALACHIAN DEVELOPMENT HIGHWAY SYSTEM
IN THE COMMONWEALTH OF KENTUCKY

May 2012
(Data as of September 30, 2011)

Prepared by the Kentucky 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

This 2012 Estimate of the Cost of Completing the Appalachian Development Highway System in the Commonwealth of Kentucky as of September 30, 2011 was prepared in accordance with the 2012 ADHS Cost Estimate Guidelines and Software Instruction Manual by the Kentucky Transportation Cabinet in cooperation with the Federal Highway Administration and the Appalachian Regional Commission.

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

Michael Hancock
Commissioner of Highways
Kentucky Transportation Cabinet

Jose Sepulveda
Division Administrator
Federal Highway Administration

KENTUCKY PORTION OF APPALACHIAN DEVELOPMENT HIGHWAY SYSTEM

COMMONWEALTH OF KENTUCKY

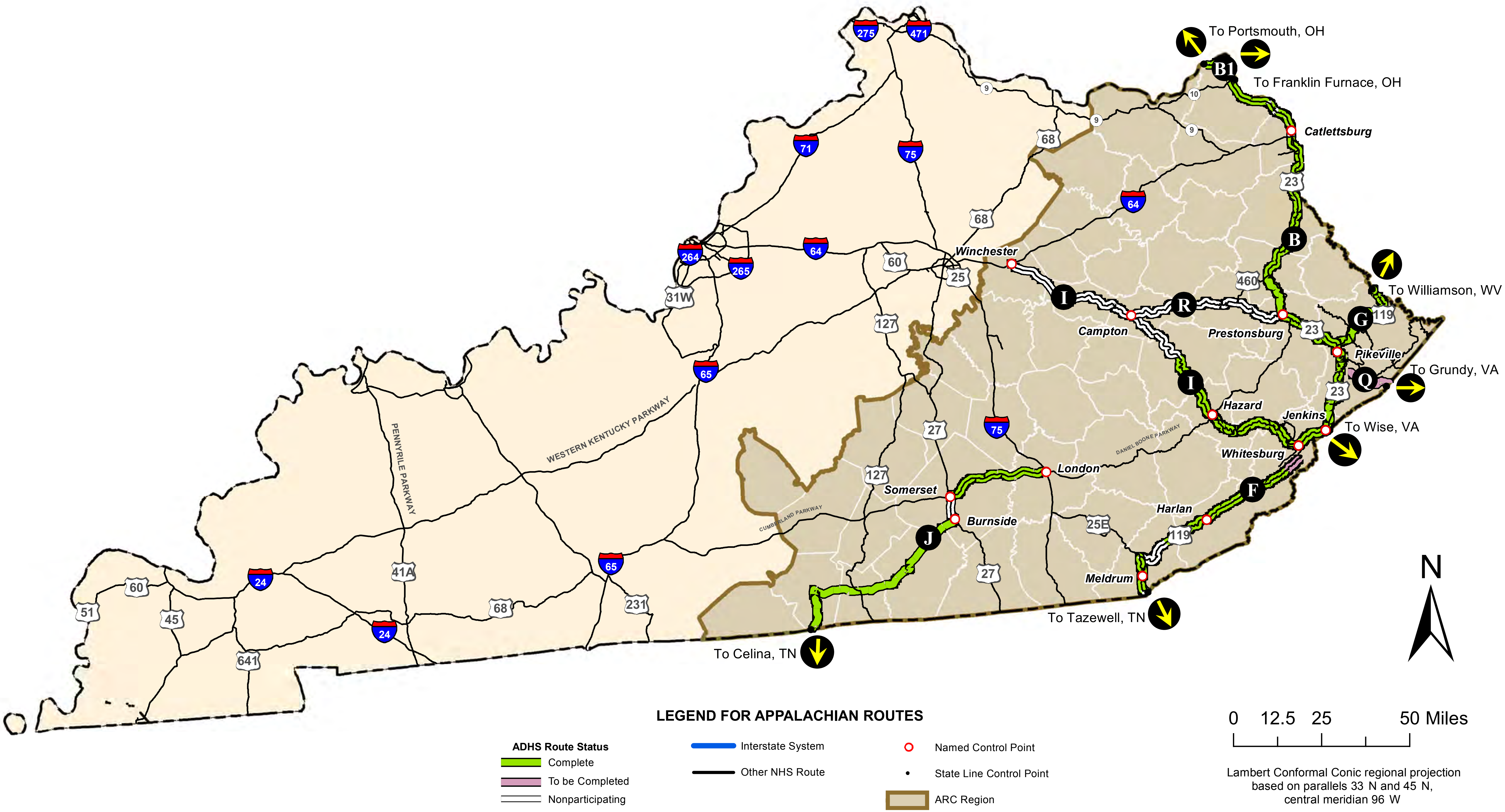


TABLE A
Appalachian Corridor Segment Descriptions

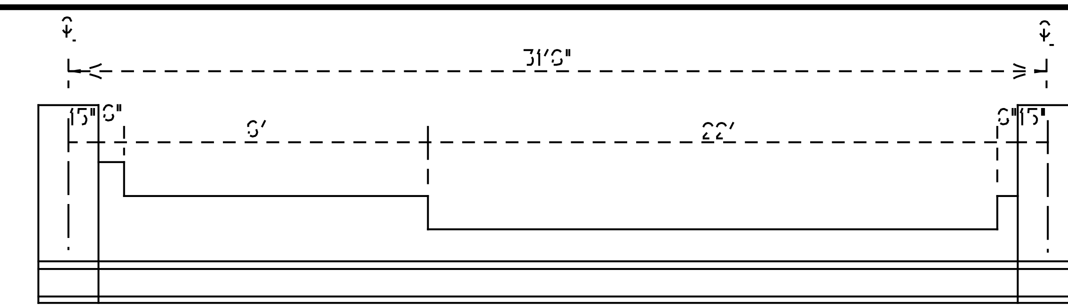
State/Commonwealth of Kentucky

Corridor Letter	Principal Existing Route Numbers	Segment Descriptions	Eligible (miles)	Ineligible (miles)
B1	US 23	From S. Portsmouth to Ohio State Line at Portsmouth, Ohio		0.3
B1	US 23	Jct. Corridor B Near Greenup Dam to S. Portsmouth	12.3	
B	US 23	Virginia Line to Jct. Corridor F West of Jenkins	1.0	
B	US 23, US 119	Jct. Corridor F to Dorton via Myra (Beefhide)	10.7	
B	US 23, US 119	From Dorton to Jct. Corridor Q near Shelbiana	14.2	
B	US 23, US 119, US 460, KY 80	Jct. Corridor Q near Shelbiana to Jct. Corridor G at Pikeville	7.5	
B	US 23, US 460, KY 80	Jct. Corridor Q at Pikeville to Jct. Corridor R at Prestonsburg	22.6	
B	US 23, US 460	Jct. Corridor R at Prestonsburg to Paintsville Bypass	12.3	
B	US 23	Paintsville Bypass to KY 3 South of I-64	48.2	
B	US 23	KY 3 South of I-64 to 34th Street in Catlettsburg		2.1
B	US 23, 60	34th Street in Catlettsburg to 7th Street in Ashland	6.6	
B	US 23	7th Street in Ashland to KY 5		1.5
B	US 23	KY 5 to Armco Imp.	0.7	
B	US 23	Armco Imp.		0.3
B	US 23	Armco Imp. to Russell Bypass	1.1	
B	US 23	Russell Bypass		1.4
B	US 23, KY 10	Russell Bypass to Greenup Dam	14.1	
B	KY 10	Greenup Dam Bridge at Ohio Line		0.4
F	US 25E	Va. Line to Cumberland Gap Tunnel and Approaches to		1.8
F	US 25E	Middlesboro to Jct. US 119 @ Pineville	10.7	
F	US 119	Jct. US 119 at Pineville to Near Calloway		12.4
F	US 119	Near Calloway to Corridor I East of Whitesburg	58.6	
F	US 119	Jct. Corridor I East of Whitesburg to Near Fish Pond	8.7	
F	US 119	Near Fish Pond to Jct. Corridor B West of Jenkins to Jct. Corridor B		2.2
G	US 119	Jct. Corridor B at Pikeville to W.V. Line in S. Williamson	26.9	

TABLE A
Appalachian Corridor Segment Descriptions

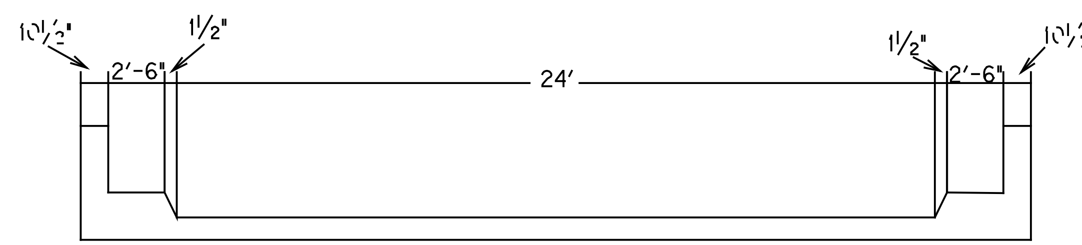
State/Commonwealth of Kentucky

Corridor Letter	Principal Existing Route Numbers	Segment Descriptions	Eligible (miles)	Ineligible (miles)
I	KY 15, 7	Jct. Corridor F East of Whitesburg to KY 80 at Hazard	33.9	
I	KY 80	Hazard to Combs		0.6
I	KY 28, 276, 15	Combs to Quicksand	26.0	
I	KY 15	Quicksand to Jct. Corridor R at Campton		23.1
I	KY 9000	Jct. Corridor R to I-64 near Winchester		42.6
J	KY 61, 90, US 127	Tennessee Line to 1.7 Mi. Southwest of Touristville	52.6	
J	KY 90	1.7 Mi. Southwest of Touristville		1.7
J	KY 90	Touristville to Lake Cumberland Bridge	8.8	
J	KY 90	Lake Cumberland Bridge		0.3
J	KY 90	Lake Cumberland Bridge to US 27 at Burnside	0.8	
J	US 27	Burnside to Somerset		7.0
J	KY 80	Somerset to Jct. I-75 near London	31.5	
Q	KY 80	Jct. Corridor B near Shelbiana to Virginia Line So. of Elkhorn City	16.5	0
R	KY 9009, US 460, KY 114	Jct. Corridor I near Campton to Jct. Corridor B near Prestonsburg		50.7
		Total	426.3	148.4



B 1

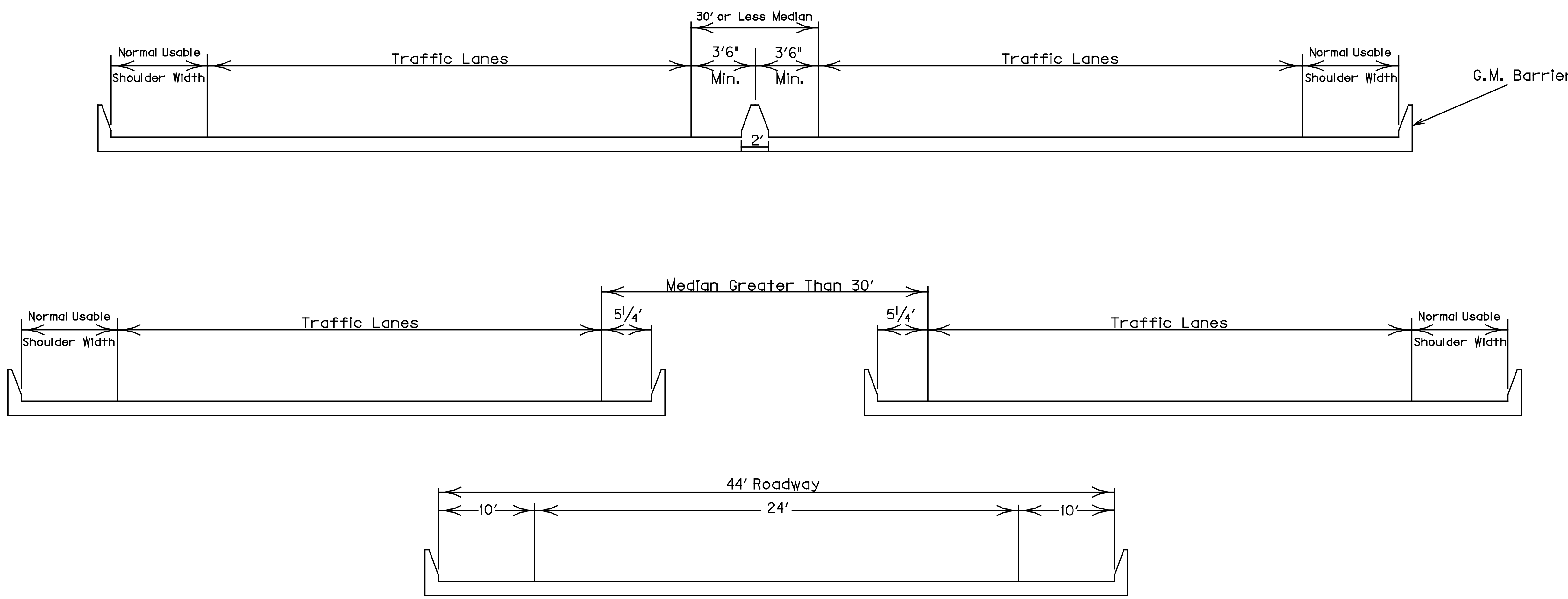
THROUGH TRUSS BRIDGE
OVER OHIO RIVER AT SOUTH PORTSMOUTH



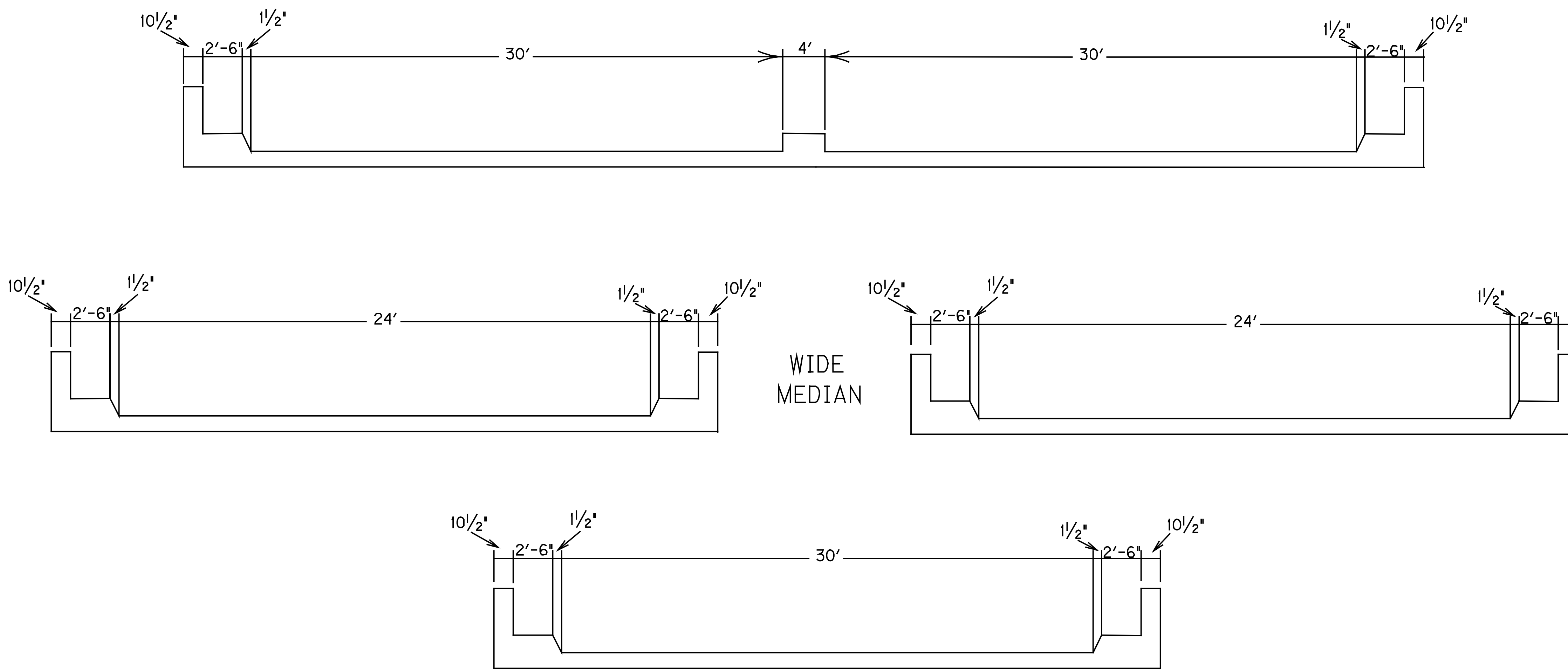
B 2

BRIDGE OVER LAKE CUMBERLAND
NEAR BURNSIDE

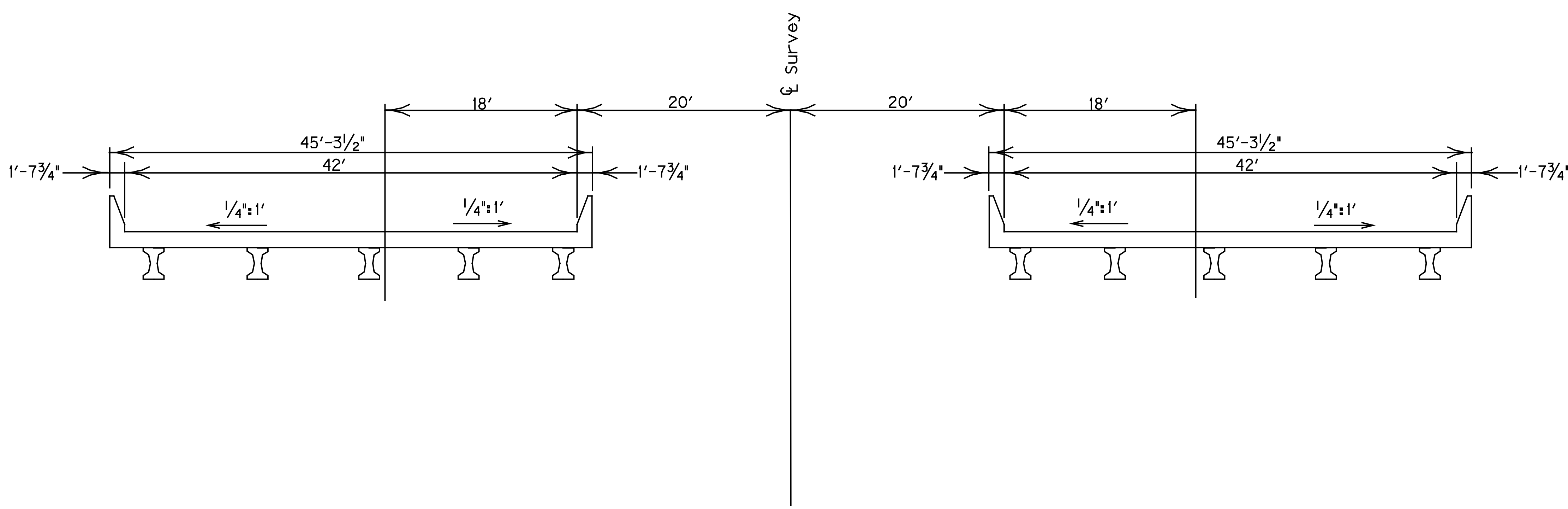
APPALACHIA
TYPICAL BRIDGE SECTION



APPALACHIA
TYPICAL BRIDGE SECTIONS



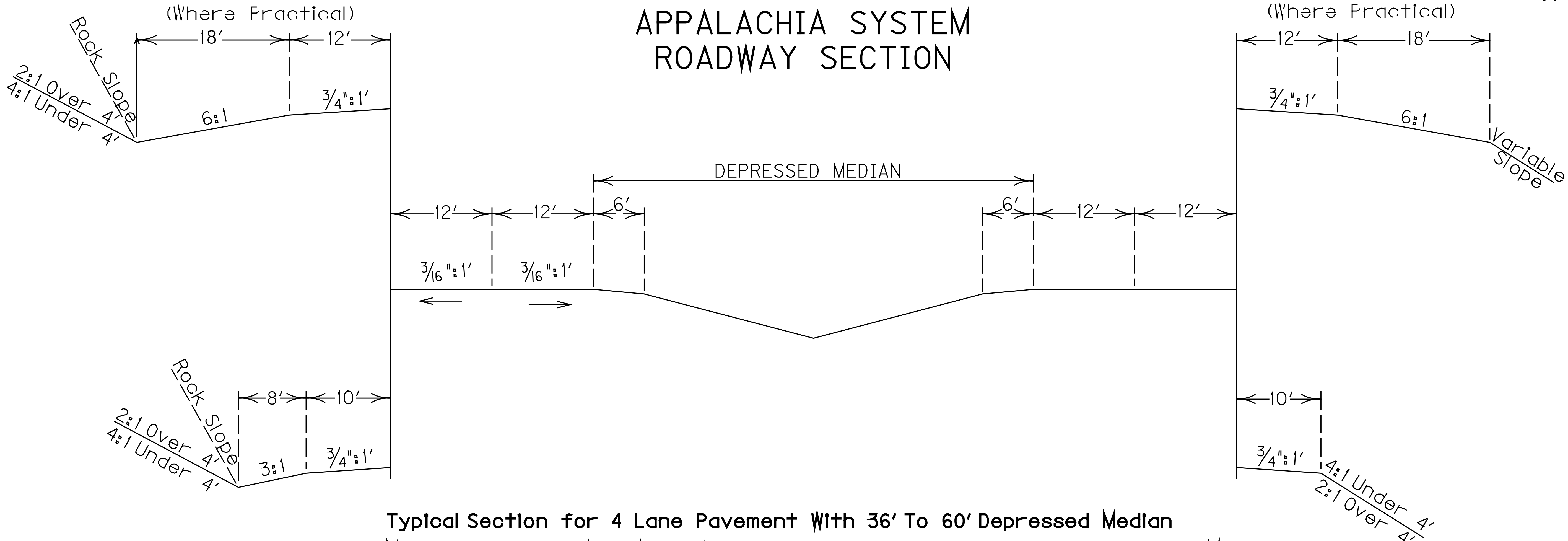
APPALACHIA
TYPICAL BRIDGE SECTIONS



APPALACHIA
TYPICAL BRIDGE SECTION

R 1

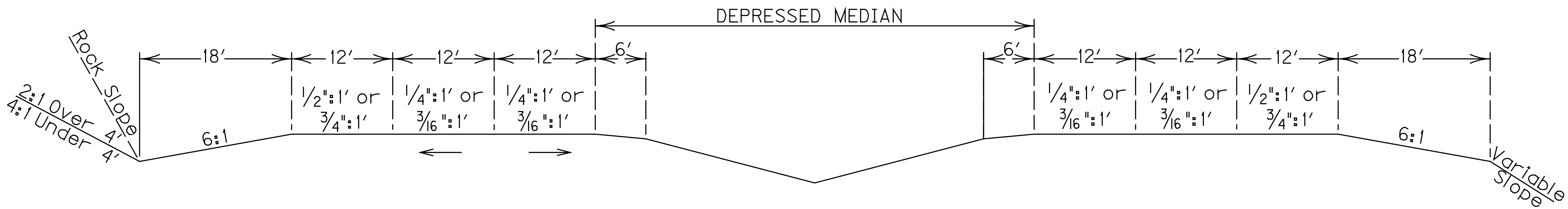
APPALACHIA SYSTEM
ROADWAY SECTION



Typical Section for 4 Lane Pavement With 36′ To 60′ Depressed Median
Minimum Right-of-Way Width Needed for Construction plus 10′ to 25′ for Maintenance.

R 2

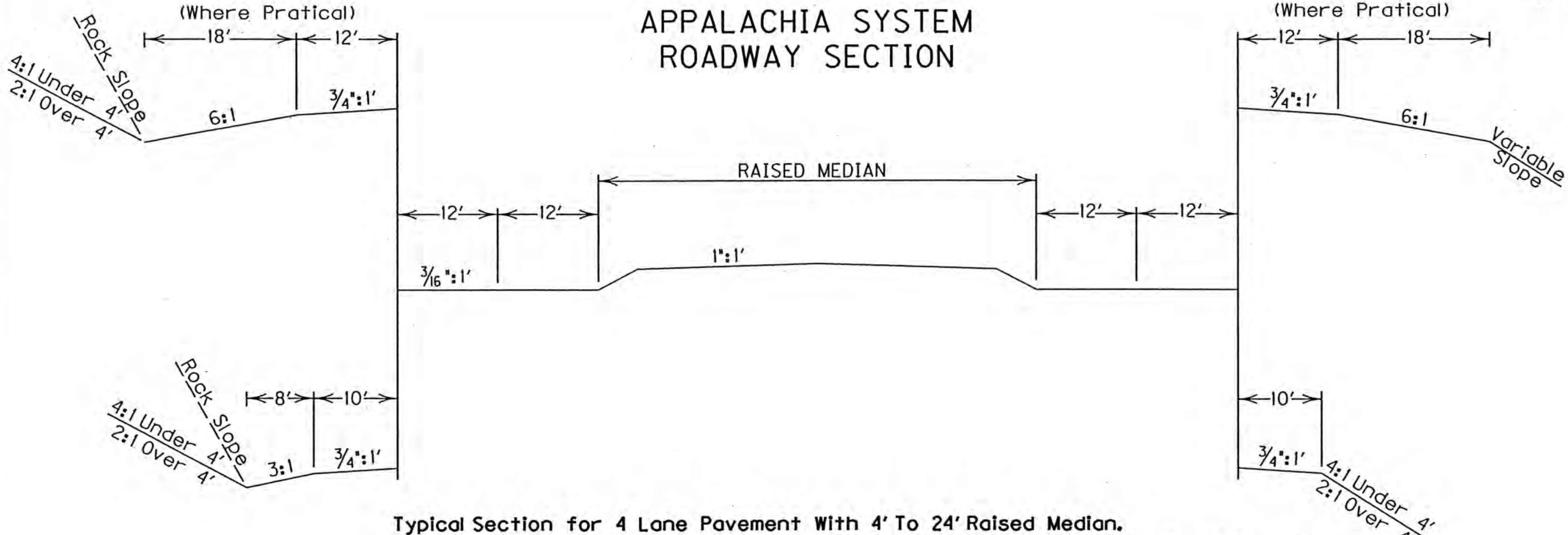
APPALACHIA SYSTEM
ROADWAY SECTION



Typical Section for 4 Lane Pavement With 36' To 60' Depressed Median

Minimum Right-of-Way Width Needed for Construction plus 10' to 25' for Maintenance.

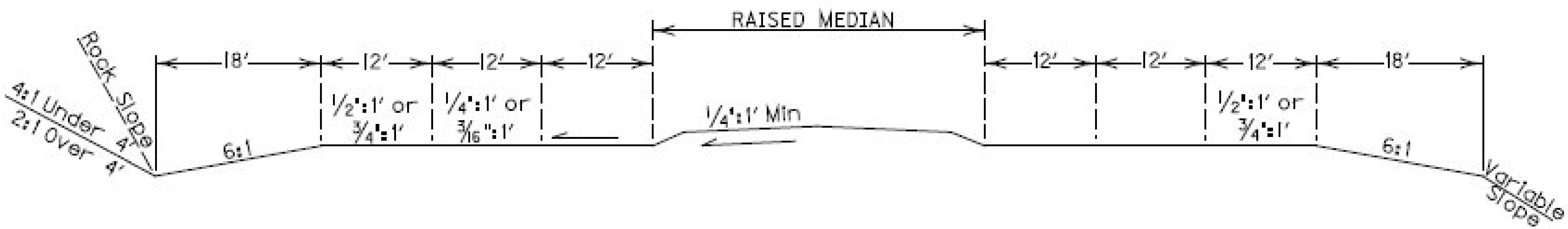
APPALACHIA SYSTEM ROADWAY SECTION



Typical Section for 4 Lane Pavement With 4' To 24' Raised Median.
Minimum Right-of-Way Width Needed for Construction plus 10' to 25' for Maintenance.

R 4

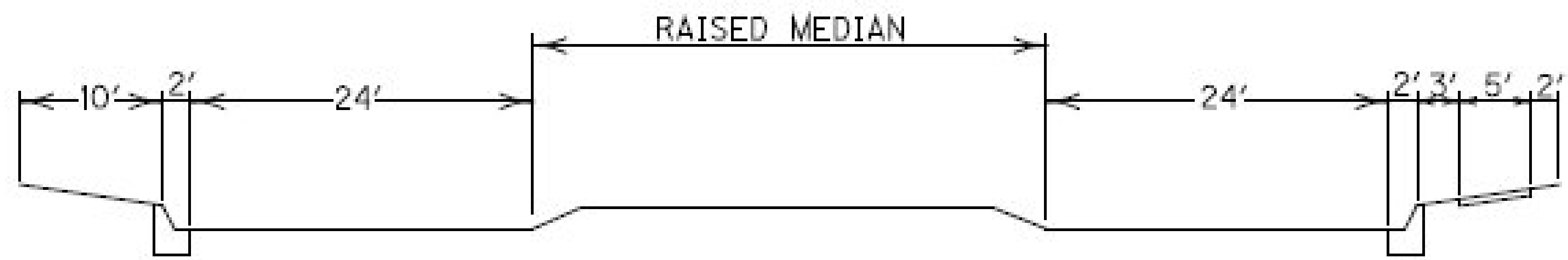
APPALACHIA SYSTEM
ROADWAY SECTION



Typical Section for 4 Lane Pavement With 4' To 24' Raised Median.
Minimum Right-of-Way Width Needed for Construction plus 10' to 25' for Maintenance.

PARTIAL CONTOL OF ACCESS

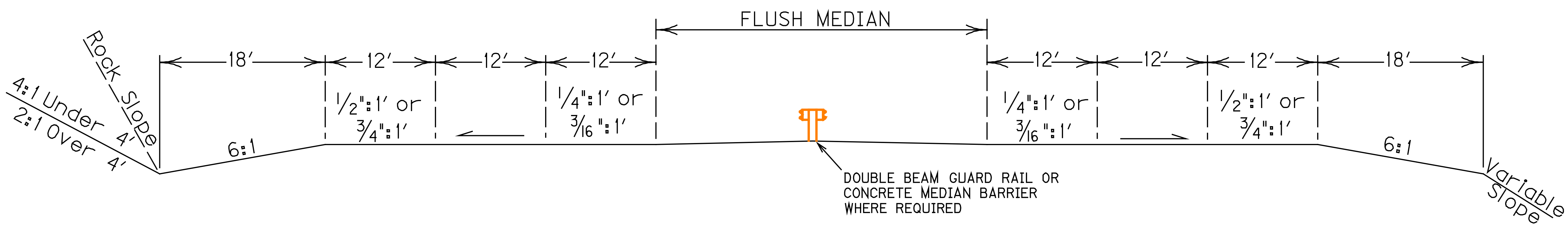
APPALACHIA SYSTEM
ROADWAY SECTION



Typical Section for 4 Lane Pavement With 4' To 24' Raised Median and Curb and Gutter.
Minimum Right-of-Way Width Needed for Construction plus 10' to 25' for Maintenance.

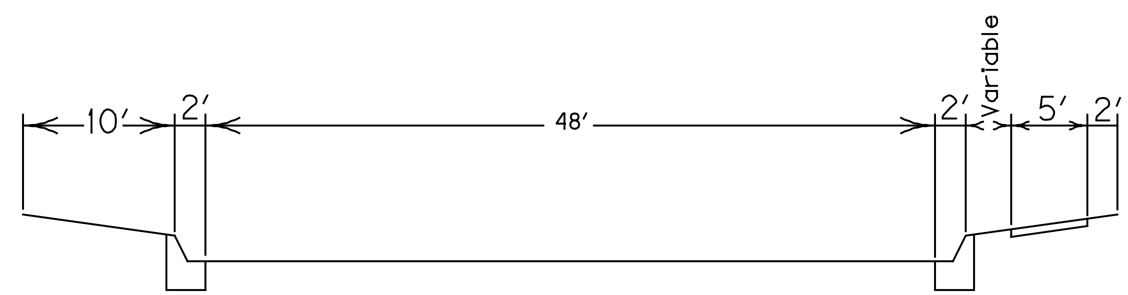
PARTIAL CONTOL OF ACCESS

APPALACHIA SYSTEM
ROADWAY SECTION



Typical Section for 4 Lane Pavement With 4' To 24' Flush Median.
Minimum Right-of-Way Width Needed for Construction plus 10' to 25' for Maintenance.

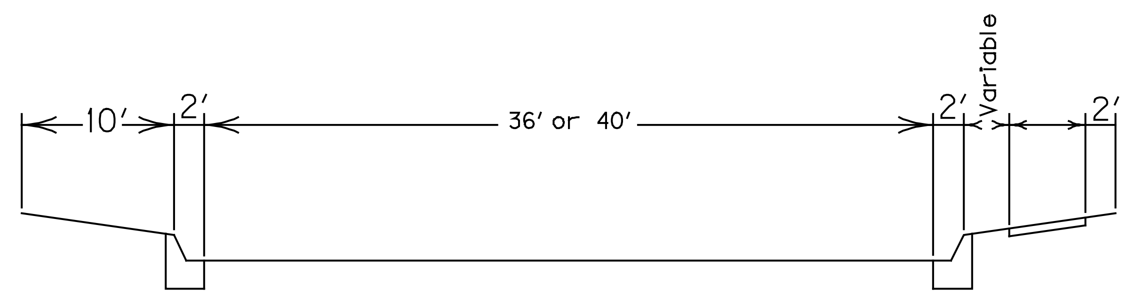
APPALACHIA SYSTEM
ROADWAY SECTION



Typical Section for 4 Lane Pavement - Curb and Gutter.
Minimum Right-of-Way Width Needed for Construction plus 10′ to 25′ for Maintenance.

R 8

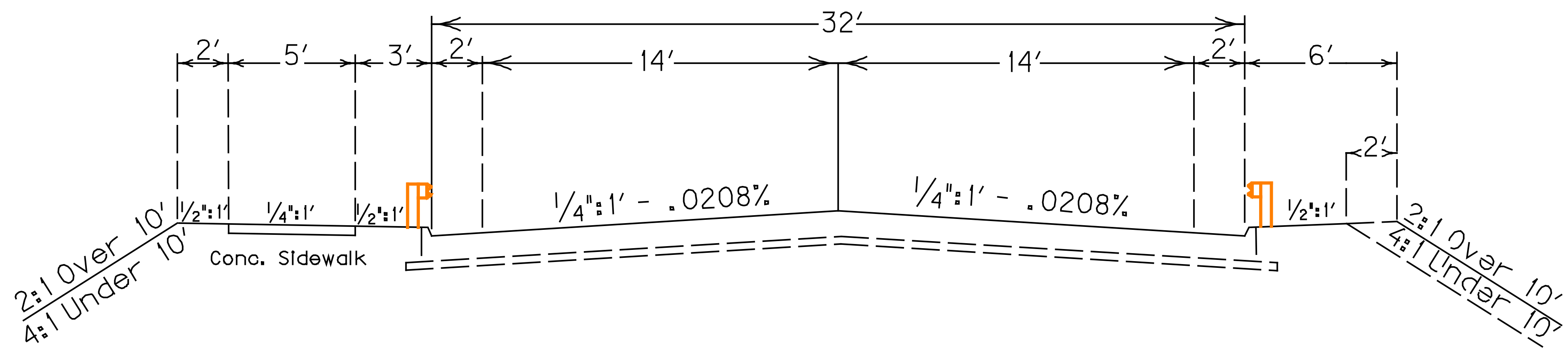
APPALACHIA SYSTEM
ROADWAY SECTION



Typical Section for 2 Lane Pavement - Curb and Gutter.
Minimum Right-of-Way Width Needed for Construction plus 10' to 25' for Maintenance.

R 8-A

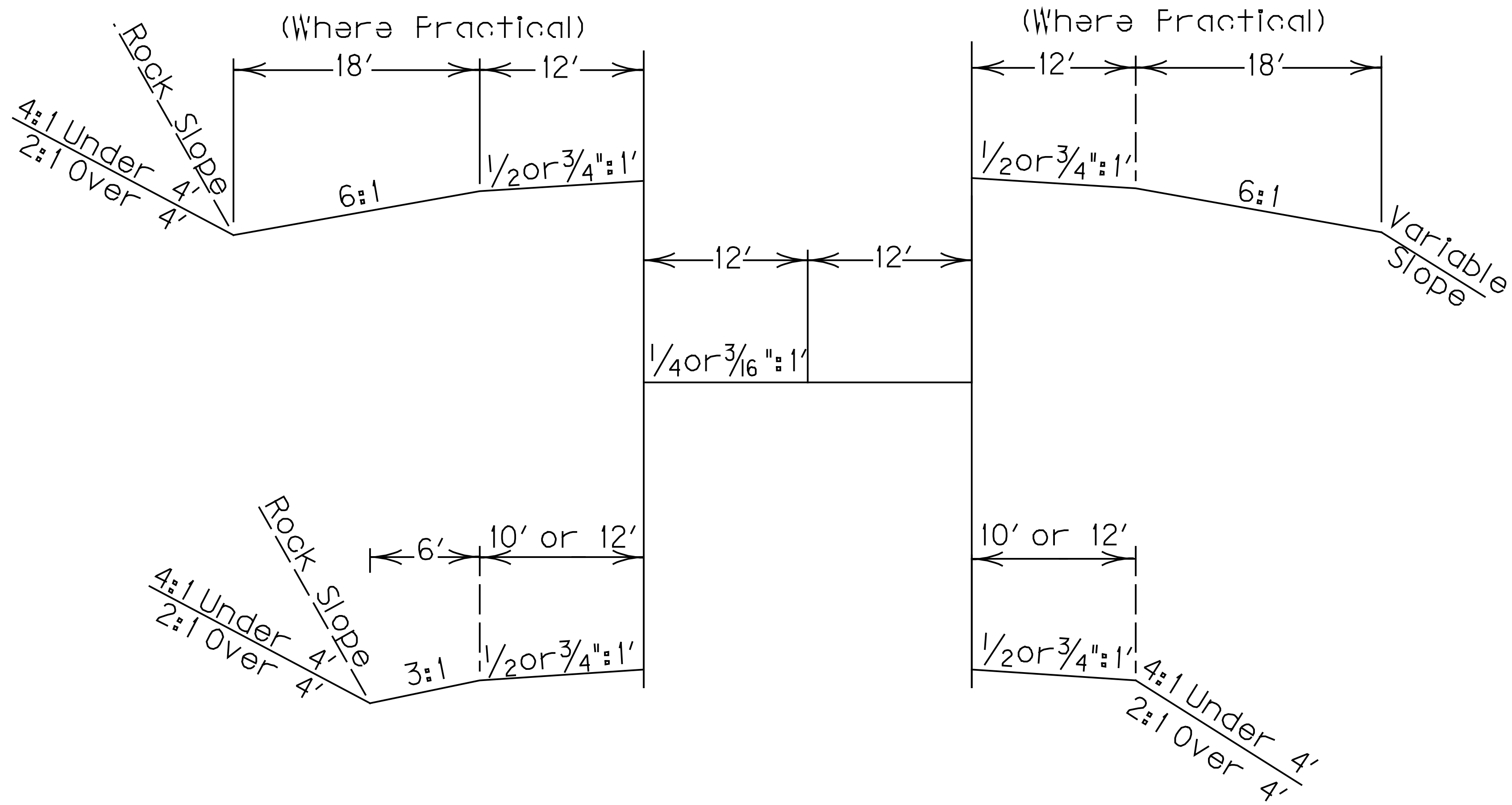
APPALACHIA SYSTEM
ROADWAY SECTION



Typical Section for 2 Lane Pavement With Curb and Gutter
Minimum Right-of-Way Width Needed for Construction plus 10' to 25' for Maintenance.

R 9-A

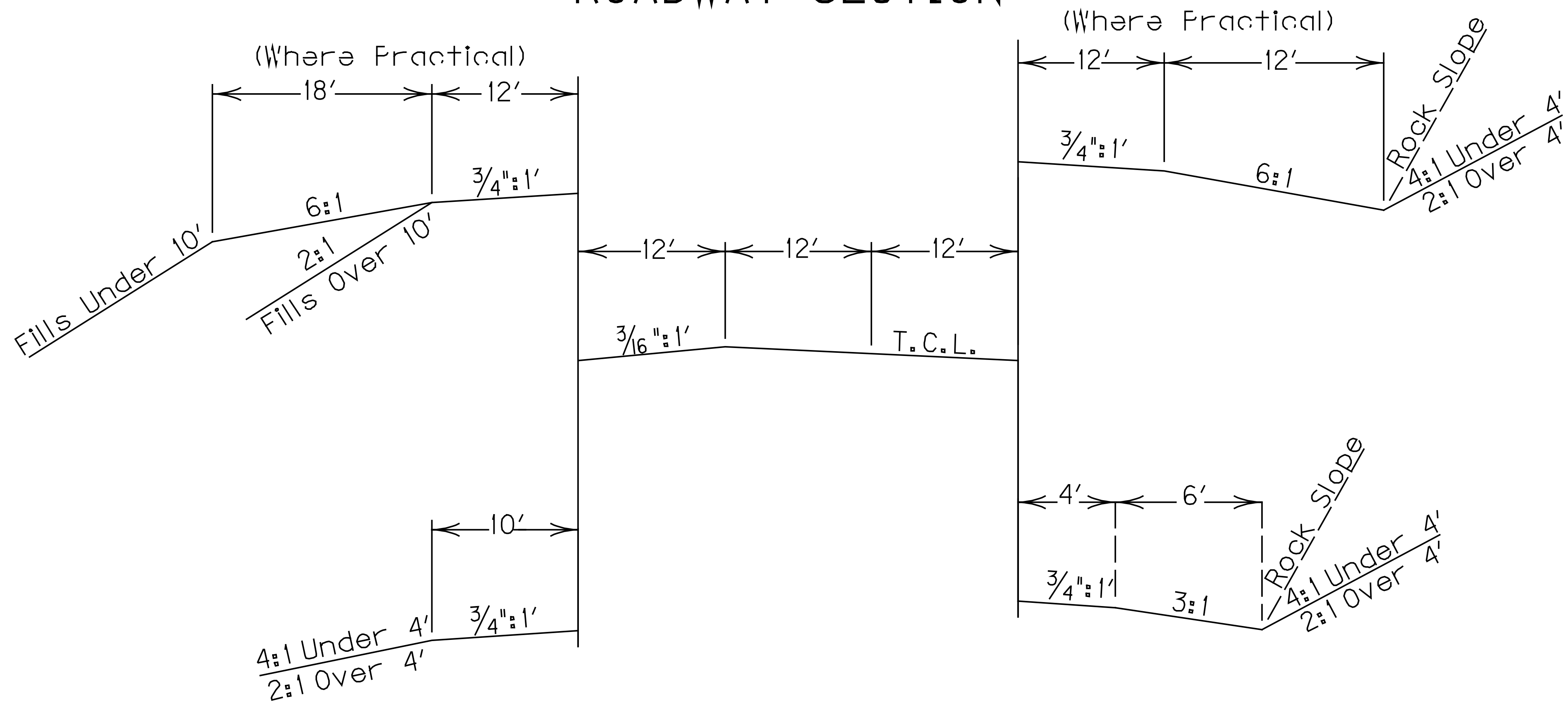
APPALACHIA SYSTEM
ROADWAY SECTION



Typical Section for 2 Lane Pavement.
Minimum Right-of-Way Width Needed for Construction plus 10' to 25' for Maintenance.
Partial Control of Access

R 9-B

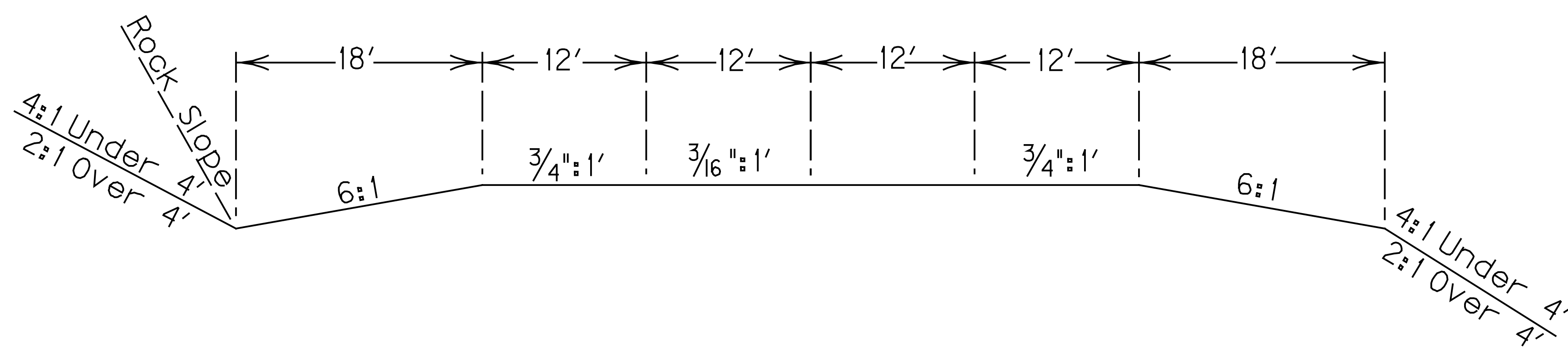
APPALACHIA SYSTEM
ROADWAY SECTION



Typical Section for 2 Lane Pavement with additional Truck Climbing Lane.
Minimum Right-of-Way Width Needed for Construction plus 10' to 25' for Maintenance.
Partial Control of Access

R 10-A

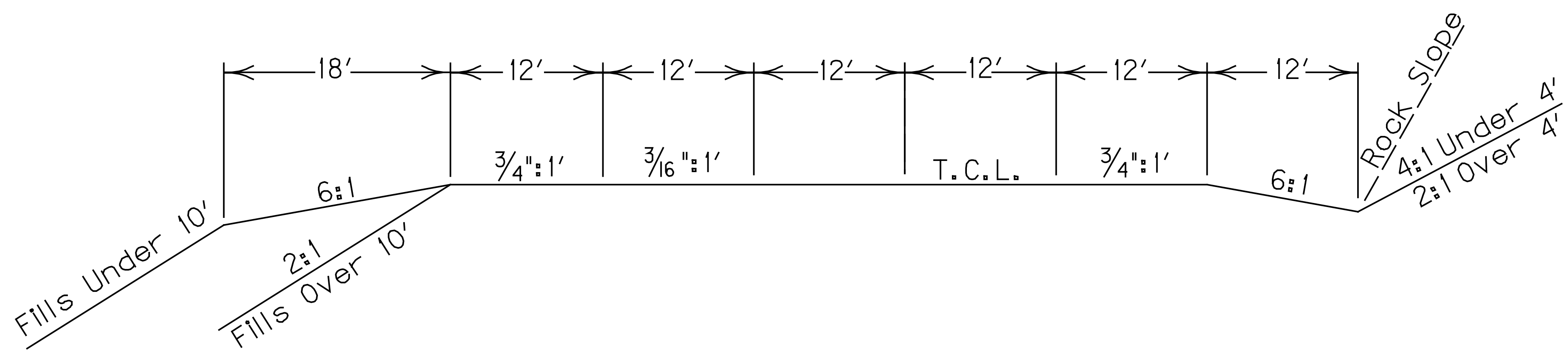
APPALACHIA SYSTEM
ROADWAY SECTION



Typical Section for 2 Lane Pavement.
Minimum Right-of-Way Width Needed for Construction plus 10' to 25' for Maintenance.

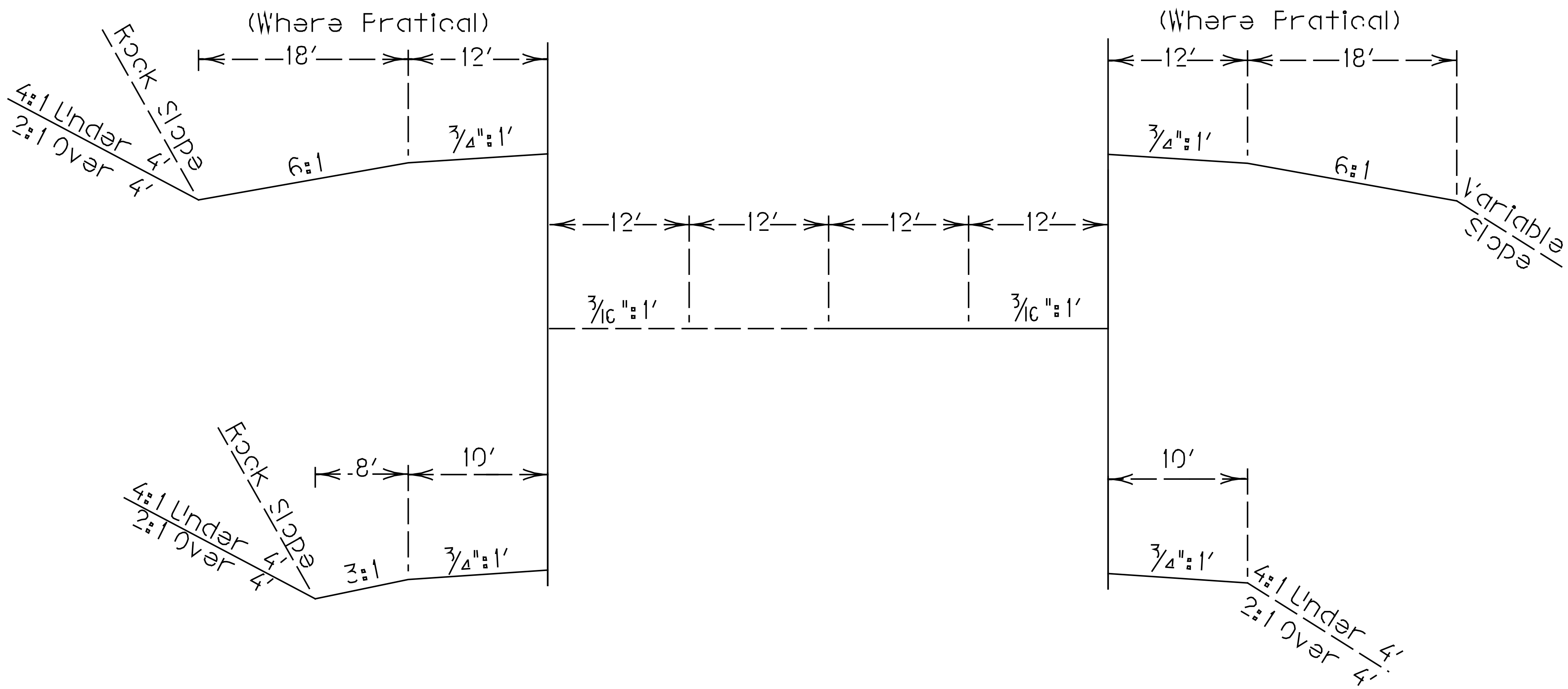
R 10-B

APPALACHIA SYSTEM
ROADWAY SECTION



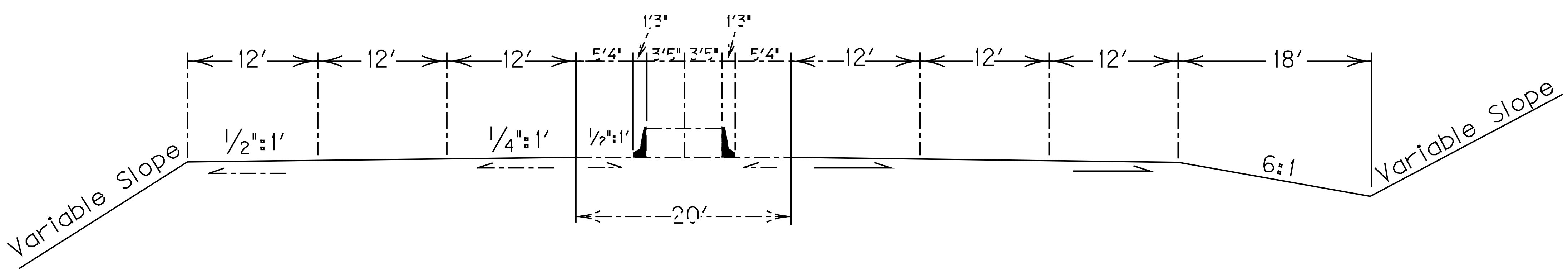
Typical Section for 2 Lane Pavement with additional Truck Climbing Lane.
Minimum Right-of-Way Width Needed for Construction plus 10' to 25' for Maintenance.

APPALACHIA SYSTEM ROADWAY SECTION



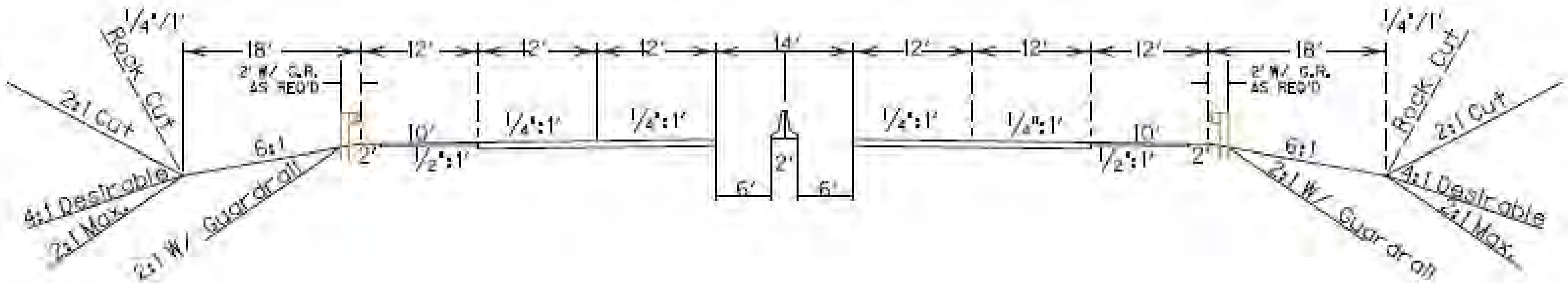
Typical Section for 4 Lane Pavement.
Minimum Right-of-Way Width Needed for Construction plus 10' to 25' for Maintenance.

APPALACHIA SYSTEM
ROADWAY SECTION



Typical Section for 4 Lane Pavement with 20' Split Concrete Median Barrier.
Minimum Right-of-Way Width Needed for Construction plus 10' to 25' for Maintenance.

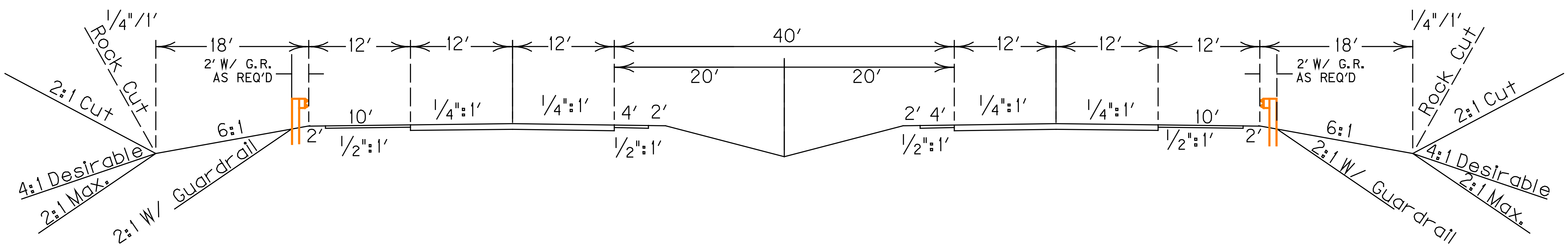
APPALACHIA SYSTEM
ROADWAY SECTION



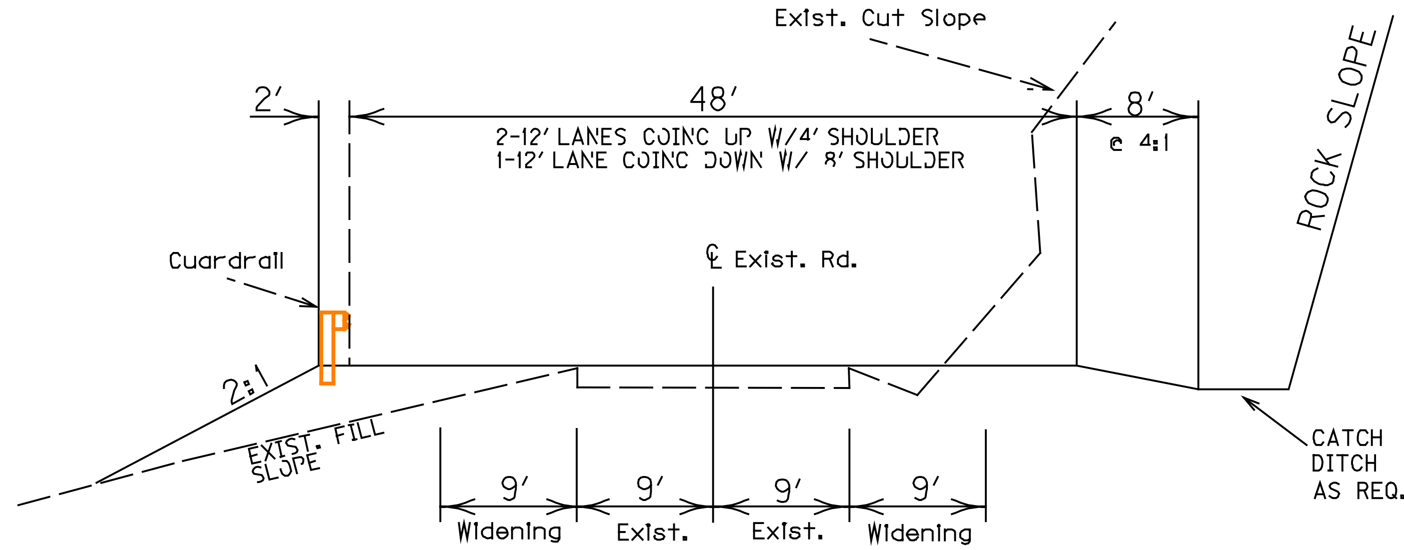
Typical Section for 4 Lane Pavement with 14' Median and Concrete Median Barrier
Minimum Right-of-Way Width Needed for Construction plus 10' to 25' for Maintenance.

PARTIAL CONTOL OF ACCESS

APPALACHIA SYSTEM
ROADWAY SECTION

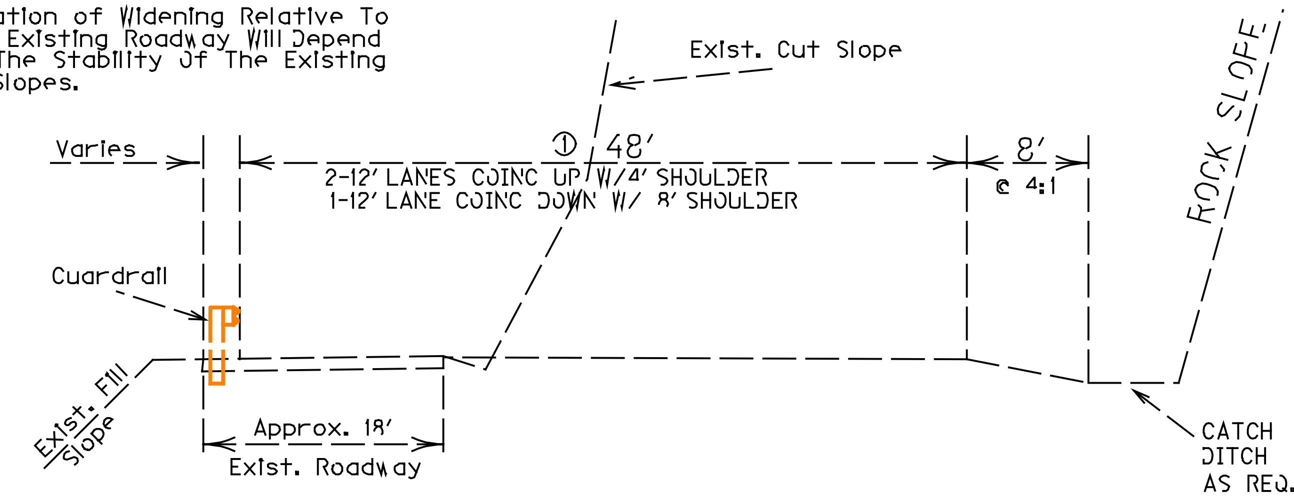


Typical Section for 4 Lane Pavement with 40' Depressed Median
Minimum Right-of-Way Width Needed for Construction plus 10' to 25' for Maintenance.
Partial Control of Access



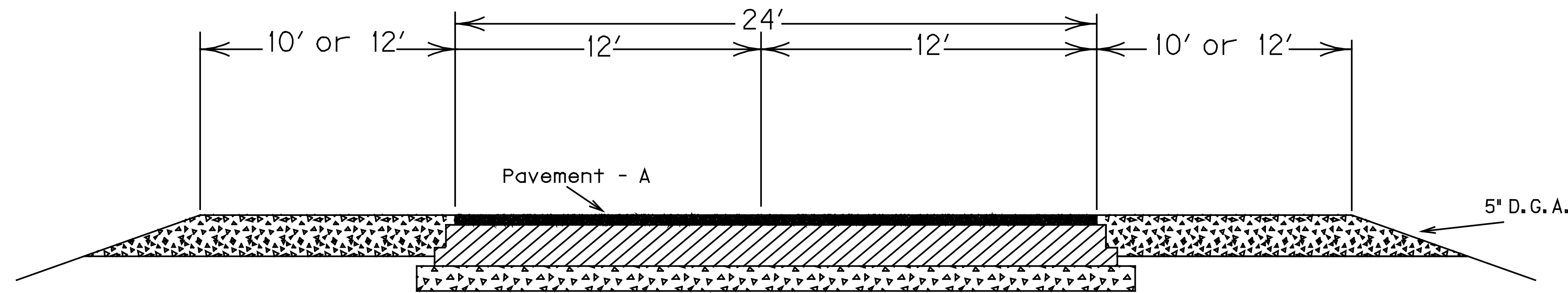
TYPICAL CONSTRUCTION METHOD
FOR EXCAVATING WIDENING IN
CUT / FILL AREAS ②

①Location of Widening Relative To The Existing Roadway Will Depend On The Stability Of The Existing Fill Slopes.



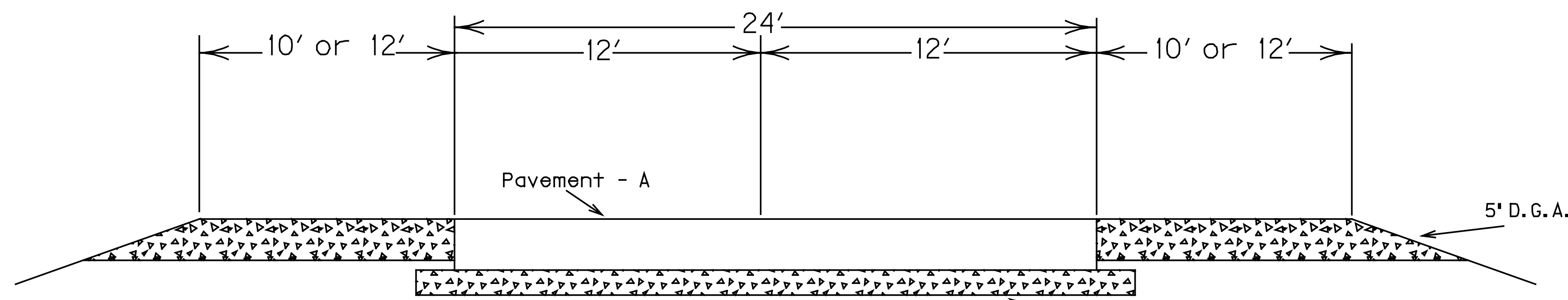
TYPICAL CONSTRUCTION METHOD
FOR EXCAVATING WIDENING ENTIRELY
IN HILLSIDE

TYPICAL SURFACING SECTIONS



A = 1½" Cl. I Surf. & 5" Cl. I Base Course.
B = 11",13",14", 15", or 16" D.G.A. depending on C.B.R. Value.

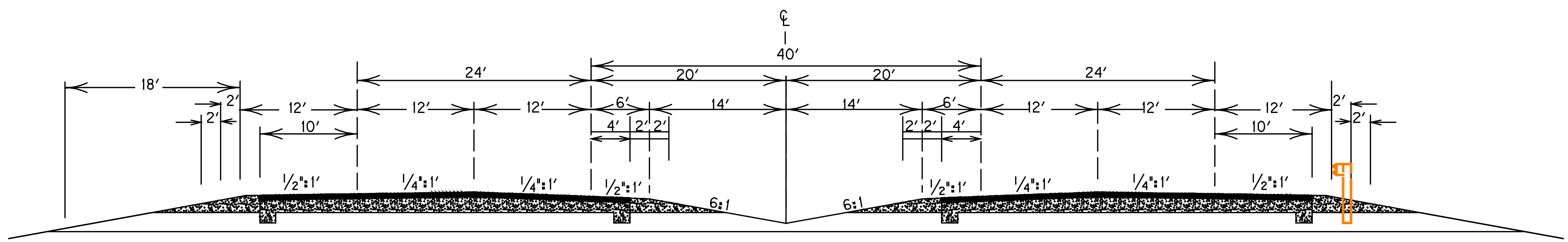
NORMAL SECTION
FLEXIBLE PAVEMENT



A = 8" or 9" P.C.C. Surface
B = 4" D.G.A. Base.

NORMAL SECTION
RIGID PAVEMENT

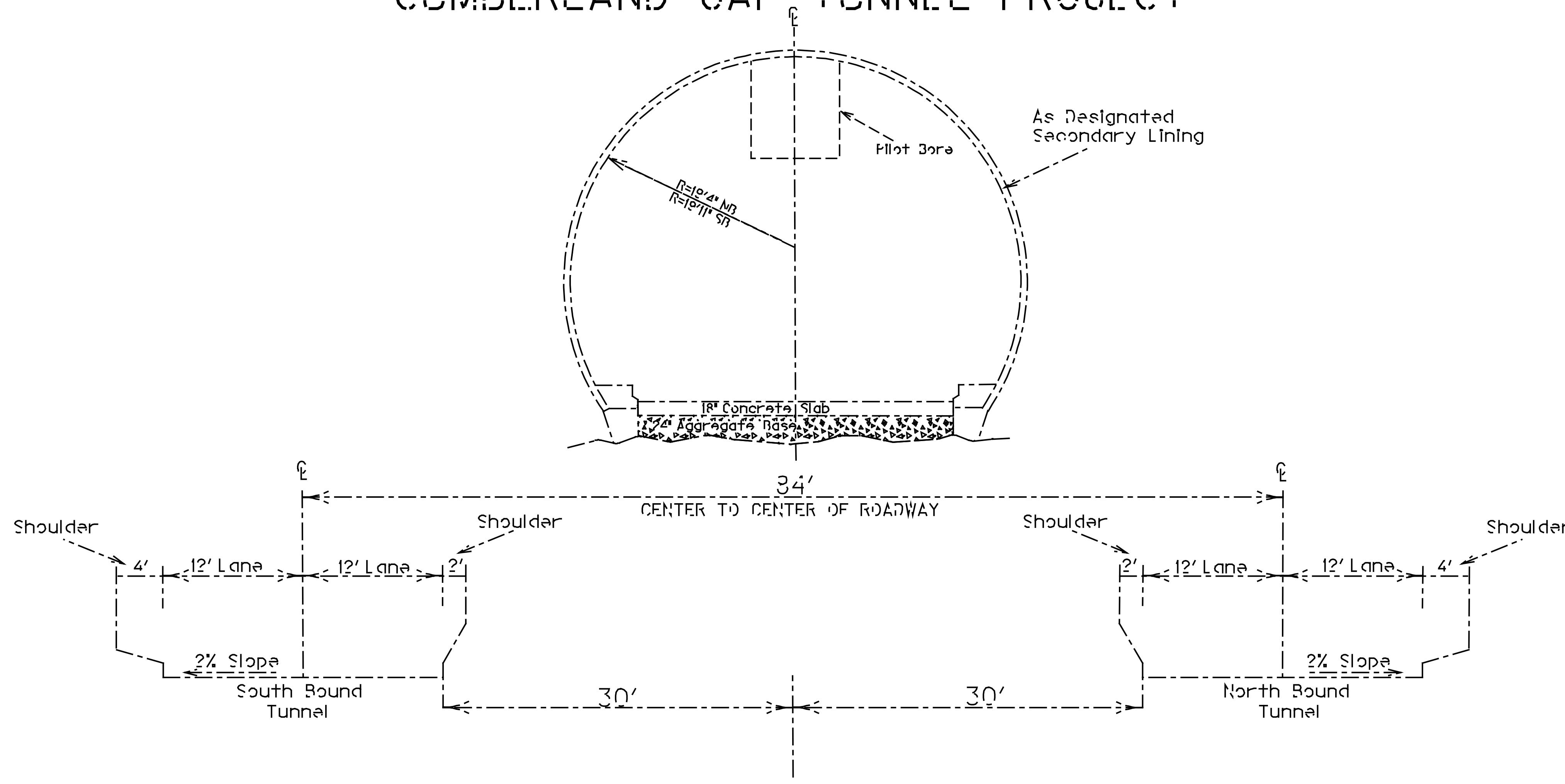
TYPICAL SURFACING SECTION



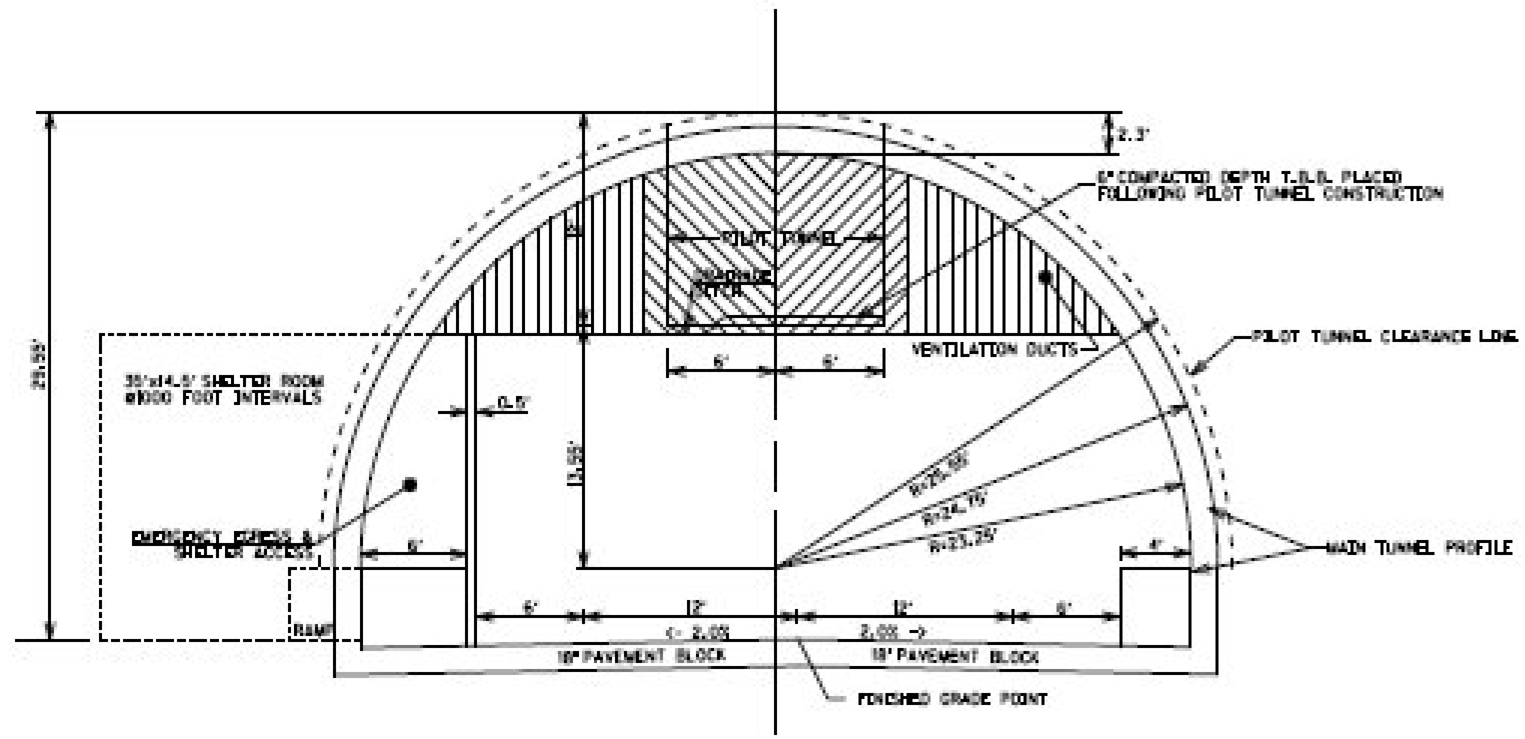
FLEXIBLE SECTION WITH PAVED SHOULDERS

APPALACHIAN SYSTEM
CUMBERLAND GAP TUNNEL PROJECT

T



TYPICAL SECTION



US 119 PINE MOUNTAIN TUNNEL TYPICAL

N.T.S.

PARTIAL CONTOL OF ACCESS

2012 Appalachian Developement Highway System Cost Estimate
Table B - Design Classification and Cost Estimate by Estimate Sections with Corridor Totals

State: KY

ADHS Corridor: B

Section ID	**B 01.0.0**	**B 01.1.0**	**B 01.2.0**	**B 01.3.0**	**B 01.3.1**	**B 01.4.0**
LRS Milepoint: Beginning/Ending	**0.000/2.294**	**2.294/4.094**	**4.094/6.794**	**6.794/7.319**	**0.000/1.400**	**1.400/2.800**
Status	**Completed**	**Completed**	**Completed**	**Completed**	**Completed**	**Completed**
1. Finance Code	20	20	20	20	20	20
2. Section Length(Miles)	2.3	1.8	2.7	0.8	1.2	1.6
3. Class/Urban Code	R/0	R/0	R/0	R/0	R/0	R/0
4. Location:						
---- *a. FIPS State/County/Congressional*	21/133/05	21/133/05	21/133/05	21/133/05	21/195/05	21/195/05
---- *b. HPMS Route/Subroute*	0000000023/00	0000000023/00	0000000023/00	0000000023/00	0000000023/00	0000000023/00
---- *c. HPMS Signed Route/Strip Map #*	2000000023/B1	2000000023/B1	2000000023/B1	2000000023/B1	2000000023/B1	2000000023/B1
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 (2010)*	7,000	8,900	7,300	6,000	6,000	6,000
---- *b. ADT-Year 2020*	9,000	11,300	9,300	7,700	7,700	7,700
---- *c. Design Year*	2,010	2,010	2,010	2,010	2,010	2,010
---- *d. ADT-Design Year*	7,900	10,000	8,300	6,800	6,800	7,406
---- *e. DHV-Design Year*	870	1,100	910	750	750	810
---- *f. % Truck Design Year(DHV)*	10	10	10	10	10	10
---- *g. % Truck Design Year(ADT)*	12	15	15	15	15	15
---- *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	R6/Full	R4/None	R4/None	R4/None	R4/None	R4/None
11. Right-of-Way Width(ft), prevailing	380	350	480	410	470	470
12. Median Width(ft), prevailing	14	20	20	20	20	20
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(8.00000000% 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**

2012 Appalachian Developement Highway System Cost Estimate

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

State: KY

ADHS Corridor: B

Section ID	**B 01.5.0**	**B 07.0.0**	**B 07.0.1**	**B 07.1.0**	**B 08.0.0**	**B 08.1.0**
LRS Milepoint: Beginning/Ending	**2.800/4.336**	**4.336/5.720**	**5.720/7.972**	**7.972/11.792**	**11.792/12.992**	**12.992/14.004**
Status	**Completed**	**Completed**	**Completed**	**Completed**	**Completed**	**Completed**
1. Finance Code	20	20	20	20	20	20
2. Section Length(Miles)	1.3	1.6	2.3	3.4	1.2	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*	21/195/05	21/195/05	21/195/05	21/195/05	21/195/05	21/195/05
---- *b. HPMS Route/Subroute*	0000000023/00	0000000023/00	0000000023/00	0000000023/00	0000000023/00	0000000023/00
---- *c. HPMS Signed Route/Strip Map #*	2000000023/B1	2000000023/B1	2000000023/B1	2000000023/B2	2000000023/B2	2000000023/B2
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 (2010)*	7,400	7,700	9,000	11,000	14,000	14,300
---- *b. ADT-Year 2020*	9,500	9,800	11,400	13,700	172,000	17,600
---- *c. Design Year*	2,010	1,996	1,996	1,993	1,992	1,992
---- *d. ADT-Design Year*	8,400	5,300	5,300	5,000	6,900	6,900
---- *e. DHV-Design Year*	920	580	580	550	760	760
---- *f. % Truck Design Year(DHV)*	10	10	10	10	10	10
---- *g. % Truck Design Year(ADT)*	15	15	15	15	15	15
---- *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	R4/None	R4/None	R4/None	R4/None	R4/None	R4/None
11. Right-of-Way Width(ft), prevailing	450	400	410	480	460	550
12. Median Width(ft), prevailing	20	20	20	20	20	20
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(8.00000000% 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**

2012 Appalachian Developement Highway System Cost Estimate
Table B - Design Classification and Cost Estimate by Estimate Sections with Corridor Totals

State: KY ADHS Corridor: B

Section ID	**B 08.2.0**	**B 09.0.0**	**B 09.1.0**	**B 09.2.0**	**B 09.3.0**	**B 09.4.0**
LRS Milepoint: Beginning/Ending	**14.004/14.404**	**14.404/15.304**	**15.304/16.070**	**16.070/16.770**	**16.770/18.670**	**18.670/19.370**
Status	**Completed**	**Completed**	**Completed**	**Completed**	**Completed**	**Completed**
1. Finance Code	20	20	20	20	20	20
2. Section Length(Miles)	0.4	0.9	0.7	0.7	1.9	0.7
3. Class/Urban Code	R/0	R/0	R/0	R/0	R/0	R/0
4. Location:						
---- *a. FIPS State/County/Congressional*	21/195/05	21/195/05	21/195/05	21/195/05	21/195/05	21/195/05
---- *b. HPMS Route/Subroute*	0000000023/00	0000000023/00	0000000023/00	0000000023/00	0000000023/00	0000000023/00
---- *c. HPMS Signed Route/Strip Map #*	2000000023/B2	2000000023/B2	2000000023/B2	2000000023/B2	2000000023/B3	2000000023/B3
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 (2010)*	14,500	14,800	15,000	15,300	15,500	19,600
---- *b. ADT-Year 2020*	17,700	18,000	18,300	18,700	18,900	23,700
---- *c. Design Year*	2,010	2,010	2,010	2,010	2,010	2,010
---- *d. ADT-Design Year*	16,000	16,300	18,400	16,900	17,100	21,500
---- *e. DHV-Design Year*	1,760	1,790	2,030	1,860	1,880	2,370
---- *f. % Truck Design Year(DHV)*	10	9	9	9	7	10
---- *g. % Truck Design Year(ADT)*	15	13	13	13	11	15
---- *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	R4/None	R4/None	R4/None	R4/None	R4/None	R4/None
11. Right-of-Way Width(ft), prevailing	480	610	600	610	590	610
12. Median Width(ft), prevailing	14	14	14	14	14	14
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(8.00000000% 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**

2012 Appalachian Developement Highway System Cost Estimate
Table B - Design Classification and Cost Estimate by Estimate Sections with Corridor Totals

State: KY ADHS Corridor: B

Section ID	B 10.0.0	B 10.1.0	B 10.2.0	B 11.0.0	B 11.1.0	B 12.0.0
LRS Milepoint: Beginning/Ending	**19.370/20.870**	**20.870/22.941**	**22.941/23.544**	**23.544/24.044**	**24.044/24.344**	**24.344/25.735**
Status	**Completed**	**Completed**	**Completed**	**Completed**	**Completed**	**Completed**
1. Finance Code	20	20	20	20	20	20
2. Section Length(Miles)	1.5	1.9	0.7	0.5	0.4	1.2
3. Class/Urban Code	R/0	R/0	R/0	R/0	R/0	R/0
4. Location:						
---- *a. FIPS State/County/Congressional*	21/195/05	21/195/05	21/195/05	21/195/05	21/195/05	21/195/05
---- *b. HPMS Route/Subroute*	0000000023/00	0000000023/00	0000000023/00	0000000023/00	0000000023/00	0000000023/00
---- *c. HPMS Signed Route/Strip Map #*	2000000023/B3	2000000023/B3	2000000023/B3	2000000023/B3	2000000023/B3	2000000023/B3
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 (2010)*	25,000	27,700	28,200	28,900	27,700	34,900
---- *b. ADT-Year 2020*	30,000	33,100	33,700	34,500	33,100	41,300
---- *c. Design Year*	1,993	1,993	1,995	1,995	1,995	1,995
---- *d. ADT-Design Year*	19,800	19,800	21,400	14,300	14,300	12,700
---- *e. DHV-Design Year*	2,180	2,180	2,350	1,570	1,570	1,400
---- *f. % Truck Design Year(DHV)*	9	9	9	7	7	7
---- *g. % Truck Design Year(ADT)*	13	13	13	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	R4/None	R4/None	R4/None	R4/None	R4/None	R4/None
11. Right-of-Way Width(ft), prevailing	370	310	180	650	650	180
12. Median Width(ft), prevailing	20	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(8.00000000% 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**

2012 Appalachian Developement Highway System Cost Estimate
Table B - Design Classification and Cost Estimate by Estimate Sections with Corridor Totals

State: KY   ADHS Corridor: B

Section ID	B 12.1.0	B 13.0.0	B 17.0.0	B 19.0.0	B 19.0.1	B 19.1.0
LRS Milepoint: Beginning/Ending	**25.735/32.828**	**0.000/10.100**	**10.100/15.715**	**15.715/21.878**	**0.000/2.507**	**2.507/6.933**
Status	**Completed**	**Completed**	**Completed**	**Completed**	**Completed**	**Completed**
1. Finance Code	20	20	20	20	20	20
2. Section Length(Miles)	7.1	10.2	5.9	5.3	1.6	4.2
3. Class/Urban Code	R/0	R/0	R/0	R/0	R/0	R/0
4. Location:						
---- *a. FIPS State/County/Congressional*	21/195/05	21/071/05	21/071/05	21/071/05	21/115/05	21/115/05
---- *b. HPMS Route/Subroute*	0000000023/00	0000000023/00	0000000023/00	0000000023/00	0000000023/00	0000000023/00
---- *c. HPMS Signed Route/Strip Map #*	2000000023/B3	2000000023/B3	2000000023/B4	2000000023/B4	2000000023/B5	2000000023/B5
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 (2010)*	32,800	20,600	20,500	15,600	14,900	15,200
---- *b. ADT-Year 2020*	38,800	24,900	24,700	1,890	18,200	8,500
---- *c. Design Year*	1,990	1,990	1,990	2,010	2,010	2,010
---- *d. ADT-Design Year*	17,500	17,500	17,900	17,200	16,500	16,800
---- *e. DHV-Design Year*	1,930	1,930	1,970	1,890	18,200	1,850
---- *f. % Truck Design Year(DHV)*	7	7	7	9	9	9
---- *g. % Truck Design Year(ADT)*	11	11	11	13	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	R4/None	R4/Partial	R4/Partial	R6/Partial	R6/None	R6/None
11. Right-of-Way Width(ft), prevailing	420	420	400	400	400	400
12. Median Width(ft), prevailing	16	16	16	14	14	14
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(8.00000000% 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**

Section ID	**B 20.0.0**	**B 20.1.0**	**B 21.0.0**	**B 22.0.0**	**B 23.0.0**	**B 24.0.0**
LRS Milepoint: Beginning/Ending	**6.933/8.140**	**8.140/12.614**	**12.614/17.038**	**0.000/5.600**	**5.600/7.500**	**7.500/9.584**
Status	**Completed**	**Completed**	**Completed**	**Completed**	**Completed**	**Completed**
1. Finance Code	20	20	20	20	20	20
2. Section Length(Miles)	1.2	4.6	4.1	5.6	1.9	2
3. Class/Urban Code	R/0	R/0	R/0	R/0	R/0	R/0
4. Location:						
---- a. FIPS State/County/Congressional	21/115/05	21/115/05	21/115/05	21/127/05	21/127/05	21/127/05
---- b. HPMS Route/Subroute	0000000023/00	0000000023/00	0000000023/00	0000000023/00	0000000023/00	0000000023/00
---- c. HPMS Signed Route/Strip Map #	2000000023/B5	2000000023/B5	2000000023/B6	2000000023/B6	2000000023/B6	2000000023/B6
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 (2010)	12,100	13,400	8,100	8,700	9,400	9,700
---- b. ADT-Year 2020	15,000	16,500	10,300	11,000	11,900	12,200
---- c. Design Year	2,010	2,010	2,003	2,003	1,998	2,003
---- d. ADT-Design Year	13,500	14,900	11,400	12,700	12,400	13,500
---- e. DHV-Design Year	1,490	1,640	1,250	1,400	1,360	1,490
---- f. % Truck Design Year(DHV)	9	9	16	16	16	16
---- g. % Truck Design Year(ADT)	13	13	24	24	24	24
---- 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	R6/None	R4/None	R4/Partial	R4/Partial	R4/Partial	R4/Partial
11. Right-of-Way Width(ft), prevailing	400	380	400	390	350	360
12. Median Width(ft), prevailing	14	20	20	20	20	20
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(8.00000000% 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**

Section ID	**B 24.1.0**	**B 25.0.0**	**B 25.1.0**	**B 27.0.0**	**B 27.0.1**	**B 27.0.2**
LRS Milepoint: Beginning/Ending	**9.584/12.584**	**12.584/14.584**	**14.584/18.410**	**18.410/19.410**	**19.410/20.192**	**20.192/21.692**
Status	**Completed**	**Completed**	**Completed**	**Completed**	**Completed**	**Completed**
1. Finance Code	20	20	20	20	20	20
2. Section Length(Miles)	3	2	4	1	0.7	1.5
3. Class/Urban Code	R/0	R/0	R/0	R/0	R/0	R/0
4. Location:						
---- *a. FIPS State/County/Congressional*	21/127/05	21/127/05	21/127/05	21/127/05	21/127/05	21/127/05
---- *b. HPMS Route/Subroute*	0000000023/00	0000000023/00	0000000023/00	0000000023/00	0000000023/00	0000000023/00
---- *c. HPMS Signed Route/Strip Map #*	2000000023/B6	2000000023/B7	2000000023/B7	2000000023/B7	2000000023/B7	2000000023/B7
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 (2010)*	12,000	1,000	9,900	12,400	12,400	12,400
---- *b. ADT-Year 2020*	14,900	13,700	12,400	15,400	15,400	15,400
---- *c. Design Year*	2,003	2,003	2,010	2,000	2,000	2,000
---- *d. ADT-Design Year*	12,200	12,900	15,900	14,100	13,000	13,000
---- *e. DHV-Design Year*	1,340	1,420	1,740	1,550	1,430	1,430
---- *f. % Truck Design Year(DHV)*	16	16	15	20	20	20
---- *g. % Truck Design Year(ADT)*	24	24	23	30	30	30
---- *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	R4/Partial	R4/Partial	R4/Partial	R2/None	R2/None	R2/None
11. Right-of-Way Width(ft), prevailing	360	420	330	400	400	400
12. Median Width(ft), prevailing	20	20	14	50	50	50
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(8.00000000% 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**

2012 Appalachian Developement Highway System Cost Estimate

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

State: KY   ADHS Corridor: B

Section ID	**B 27.0.3**	**B 27.1.0**	**B 27.1.1**	**B 27.2.0**	**B 27.2.1**	**B 27.2.2**
LRS Milepoint: Beginning/Ending	**21.692/23.730**	**23.730/27.500**	**27.500/28.347**	**28.347/28.947**	**0.000/1.900**	**1.900/4.700**
Status	**Completed**	**Completed**	**Completed**	**Completed**	**Completed**	**Completed**
1. Finance Code	20	20	20	20	20	20
2. Section Length(Miles)	1.8	3.9	1	0.6	1.9	2.6
3. Class/Urban Code	R/0	R/0	R/0	R/0	R/0	R/0
4. Location:						
---- *a. FIPS State/County/Congressional*	21/127/05	21/127/05	21/127/05	21/127/05	21/019/04	21/019/04
---- *b. HPMS Route/Subroute*	0000000023/00	0000000023/00	0000000023/00	0000000023/00	0000000023/00	0000000023/00
---- *c. HPMS Signed Route/Strip Map #*	2000000023/B8	2000000023/B8	2000000023/B8	2000000023/B8	2000000023/B8	2000000023/B8
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	0
7. Traffic:						
---- *a. ADT-Base Year (2010)*	12,400	10,300	10,400	10,500	11,000	11,400
---- *b. ADT-Year 2020*	15,400	12,900	13,100	13,200	13,700	14,200
---- *c. Design Year*	2,000	2,000	2,000	2,000	2,000	2,000
---- *d. ADT-Design Year*	13,000	12,400	12,400	9,500	14,000	14,000
---- *e. DHV-Design Year*	1,430	1,360	1,360	1,050	1,540	1,540
---- *f. % Truck Design Year(DHV)*	20	20	20	20	20	20
---- *g. % Truck Design Year(ADT)*	30	30	30	30	30	30
---- *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	R2/Partial	R2/Partial	R2/Partial	R2/Partial	R2/None	R2/None
11. Right-of-Way Width(ft), prevailing	400	370	370	360	360	360
12. Median Width(ft), prevailing	50	50	50	50	50	50
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(8.00000000% 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**

2012 Appalachian Developement Highway System Cost Estimate
Table B - Design Classification and Cost Estimate by Estimate Sections with Corridor Totals

State: KY ADHS Corridor: B

Section ID	B 27.3.0	B 27.3.1	B 27.3.2	B 28.0.0	B 28.0.1	B 28.1.0
LRS Milepoint: Beginning/Ending	**4.700/6.135**	**6.135/8.400**	**8.400/10.500**	**10.500/11.000**	**11.000/12.358**	**12.358/12.958**
Status	**Completed**	**Completed**	**Completed**	**NP**	**NP**	**NP**
1. Finance Code	20	20	20	20	20	20
2. Section Length(Miles)	1.5	2	2.5	0.3	1.2	0.6
3. Class/Urban Code	R/0	R/0	R/0	R/0	U/120	U/120
4. Location:						
---- *a. FIPS State/County/Congressional*	21/019/04	21/019/04	21/019/04	21/019/04	21/019/04	21/019/04
---- *b. HPMS Route/Subroute*	0000000023/00	0000000023/00	0000000023/00	0000000023/00	0000000023/00	0000000023/00
---- *c. HPMS Signed Route/Strip Map #*	2000000023/B8	2000000023/B9	2000000023/B9	2000000023/B9	2000000023/B9	2000000023/B9
5. Estimate Section/NHS Designation	1/NHS	1/NHS	1/NHS	2/NHS	2/NHS	2/NHS
6. Design Speed(mph)	60	60	60	60	60	45
7. Traffic:						
---- *a. ADT-Base Year (2010)*	10,700	12,200	13,800	14,200	19,700	19,500
---- *b. ADT-Year 2020*	13,400	15,200	17,000	17,500	23,800	23,500
---- *c. Design Year*	2,000	2,000	2,000	2,000	2,000	2,000
---- *d. ADT-Design Year*	14,000	14,000	14,000	19,100	19,100	23,900
---- *e. DHV-Design Year*	1,540	1,540	1,540	1,910	1,910	2,390
---- *f. % Truck Design Year(DHV)*	16	16	16	8	8	8
---- *g. % Truck Design Year(ADT)*	24	24	24	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	R2/None	R2/None	R2/None	R1/None	R1/None	R11/None
11. Right-of-Way Width(ft), prevailing	350	350	350	270	220	150
12. Median Width(ft), prevailing	50	50	50	36	36	0
13. Status of Development(Figure 4)	1a	1a	1a	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(8.00000000% 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**

2012 Appalachian Developement Highway System Cost Estimate
Table B - Design Classification and Cost Estimate by Estimate Sections with Corridor Totals

State: KY   ADHS Corridor: B

Section ID	**B 29.0.0**	**B 30.0.0**	**B 30.1.0**	**B 30.2.0**	**B 31.0.0**	**B 32.0.0**
LRS Milepoint: Beginning/Ending	**12.958/14.658**	**14.658/16.800**	**16.800/18.100**	**18.100/19.348**	**19.348/20.845**	**20.845/21.042**
Status	**Completed**	**Completed**	**Completed**	**Completed**	**NP**	**Completed**
1. Finance Code	20	20	20	20	20	20
2. Section Length(Miles)	1.7	2.7	1.3	0.9	1.5	0.2
3. Class/Urban Code	U/120	U/120	U/120	U/120	U/120	U/120
4. Location:						
---- *a. FIPS State/County/Congressional*	21/019/04	21/019/04	21/019/04	21/019/04	21/019/04	21/019/04
---- *b. HPMS Route/Subroute*	0000000023/00	0000000023/00	0000000023/00	0000000023/00	0000000023/00	0000000023/00
---- *c. HPMS Signed Route/Strip Map #*	2000000023/B9	2000000023/B9	2000000023/B9	2000000023/B10	2000000023/B10	2000000023/B10
5. Estimate Section/NHS Designation	1/NHS	1/NHS	1/NHS	1/NHS	2/NHS	1/NHS
6. Design Speed(mph)	45	45	40	40	40	45
7. Traffic:						
---- *a. ADT-Base Year (2010)*	22,200	21,300	22,800	25,000	34,500	34,100
---- *b. ADT-Year 2020*	26,500	25,500	27,300	29,900	40,800	40,400
---- *c. Design Year*	2,000	2,000	2,000	2,000	2,000	2,000
---- *d. ADT-Design Year*	20,400	26,500	28,200	22,100	29,700	43,600
---- *e. DHV-Design Year*	2,040	2,650	2,820	2,210	2,970	4,360
---- *f. % Truck Design Year(DHV)*	7	7	7	5	5	5
---- *g. % Truck Design Year(ADT)*	10	10	10	7	7	7
---- *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	R4/None	R5/None	R5/None	R5/None	R9a/None	R3/None
11. Right-of-Way Width(ft), prevailing	170	170	150	100	900	150
12. Median Width(ft), prevailing	4	4	4	4	600	4
13. Status of Development(Figure 4)	1a	1a	1a	1a	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(8.00000000% 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**

2012 Appalachian Developement Highway System Cost Estimate
Table B - Design Classification and Cost Estimate by Estimate Sections with Corridor Totals

State: KY ADHS Corridor: B

Section ID	**B 32.1.0**	**B 33.0.0**	**B 34.0.0**	**B 35.0.0**	**B 36.0.0**	**B 38.0.0**
LRS Milepoint: Beginning/Ending	**0.000/0.400**	**0.400/0.700**	**0.700/2.000**	**2.000/3.076**	**3.076/8.057**	**8.057/10.900**
Status	**Completed**	**NP**	**Completed**	**NP**	**Completed**	**Completed**
1. Finance Code	20	20	20	20	20	20
2. Section Length(Miles)	0.5	0.3	1.1	1.4	4.7	3
3. Class/Urban Code	U/120	U/120	U/120	U/120	U/120	R/0
4. Location:						
---- *a. FIPS State/County/Congressional*	21/089/04	21/089/04	21/089/04	21/089/04	21/089/04	21/089/04
---- *b. HPMS Route/Subroute*	0000000023/00	0000000023/00	0000000023/00	0000000023/00	0000000023/00	0000000023/00
---- *c. HPMS Signed Route/Strip Map #*	2000000023/B10	2000000023/B10	2000000023/B10	2000000023/B10	2000000023/B10	2000000023/B11
5. Estimate Section/NHS Designation	1/NHS	2/NHS	1/NHS	2/NHS	1/NHS	1/NHS
6. Design Speed(mph)	45	45	45	45	60	60
7. Traffic:						
---- *a. ADT-Base Year (2010)*	33,200	21,200	23,400	20,700	18,400	16,800
---- *b. ADT-Year 2020*	39,300	25,300	28,000	25,000	22,200	20,300
---- *c. Design Year*	2,000	2,000	2,000	2,000	2,000	2,000
---- *d. ADT-Design Year*	43,600	43,600	28,200	22,300	17,200	15,500
---- *e. DHV-Design Year*	4,360	4,360	2,880	2,230	1,720	1,700
---- *f. % Truck Design Year(DHV)*	5	5	5	5	5	6
---- *g. % Truck Design Year(ADT)*	7	7	7	7	8	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	R3/None	R11/None	R3/None	R5/None	R2/None	R2/None
11. Right-of-Way Width(ft), prevailing	150	100	180	150	280	250
12. Median Width(ft), prevailing	4	0	4	4	50	50
13. Status of Development(Figure 4)	1a	np	1a	np	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(8.00000000% 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**

2012 Appalachian Developement Highway System Cost Estimate
Table B - Design Classification and Cost Estimate by Estimate Sections with Corridor Totals

State: KY ADHS Corridor: B

Section ID	**B 38.1.0**	**B 39.0.0**	**B 40.0.0**	**B 40.0.1**
LRS Milepoint: Beginning/Ending	**10.900/12.605**	**12.605/16.549**	**11.582/12.555**	**12.555/12.844**
Status	**Completed**	**Completed**	**Completed**	**NP**
1. Finance Code	20	20	20	20
2. Section Length(Miles)	1.7	3.9	0.8	0.4
3. Class/Urban Code	R/0	R/0	R/0	R/0
4. Location:				
---- *a. FIPS State/County/Congressional*	21/089/04	21/089/04	21/089/04	21/089/04
---- *b. HPMS Route/Subroute*	0000000023/00	0000000023/00	0000000010/00	0000000010/00
---- *c. HPMS Signed Route/Strip Map #*	2000000023/B11	2000000023/B11	3000000010/B11	3000000010/B11
5. Estimate Section/NHS Designation	1/NHS	1/NHS	1/NHS	2/NHS
6. Design Speed(mph)	60	60	60	60
7. Traffic:				
---- *a. ADT-Base Year (2010)*	13,200	6,700	7,200	7,200
---- *b. ADT-Year 2020*	16,200	8,600	9,200	9,200
---- *c. Design Year*	1,992	1,992	2,002	2,002
---- *d. ADT-Design Year*	8,600	8,600	10,700	10,700
---- *e. DHV-Design Year*	950	950	1,180	1,180
---- *f. % Truck Design Year(DHV)*	6	6	9	9
---- *g. % Truck Design Year(ADT)*	9	9	12	12
---- *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	4	4	2	2
10. Typical X-Section of Reference/Access Control	R6/None	R2/None	R10a/Partial	R10a/Partial
11. Right-of-Way Width(ft), prevailing	360	350	230	230
12. Median Width(ft), prevailing	20	50	0	0
13. Status of Development(Figure 4)	1a	1a	1a	np

Estimated Cost($1,000) per Work Classification

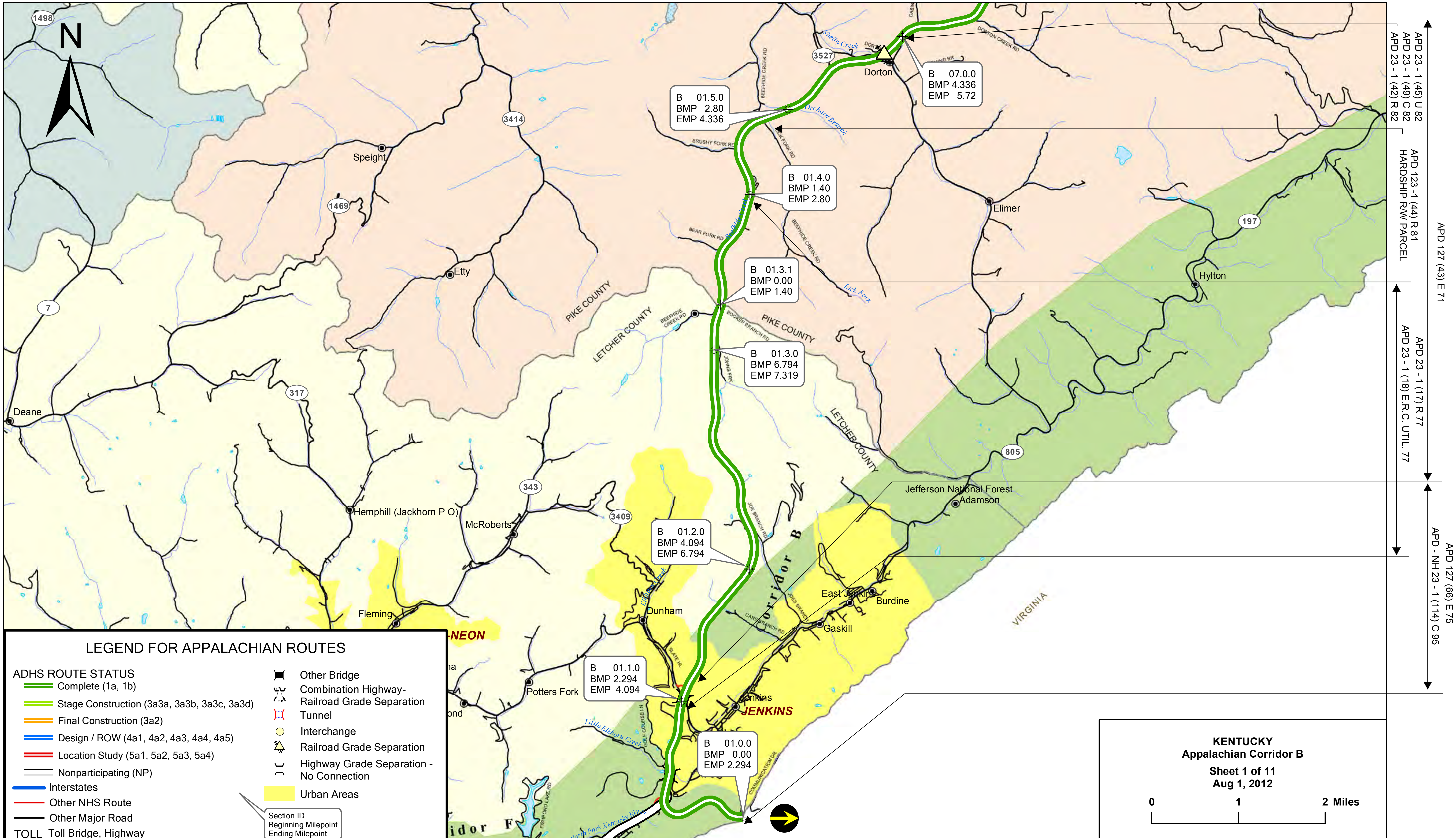
14. Preliminary Engineering:				
---- *a. Location*	0	0	0	0
---- *b. Design*	0	0	0	0
15. Right-of-Way:				
---- *a. Acquisition*	0	0	0	0
---- *b. Relocation*	0	0	0	0
16. Utility Adjustments	0	0	0	0
17. Erosion Control/Clear/Grade/Drain/Minor Structure	0	0	0	0
18. Subbase, Base, Surfacing, Shoulders	0	0	0	0
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	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	0	0	0
27. Subtotal(lines 17 thru 26)	**0**	**0**	**0**	**0**
28. Construction Engineering(8.00000000% of line 27)	**0**	**0**	**0**	**0**
29. Total Cost of Construction(lines 27 & 28)	**0**	**0**	**0**	**0**
30. Total Estimated Cost(lines 14, 15, 16, 29 & 5% Contingency)	**0**	**0**	**0**	**0**

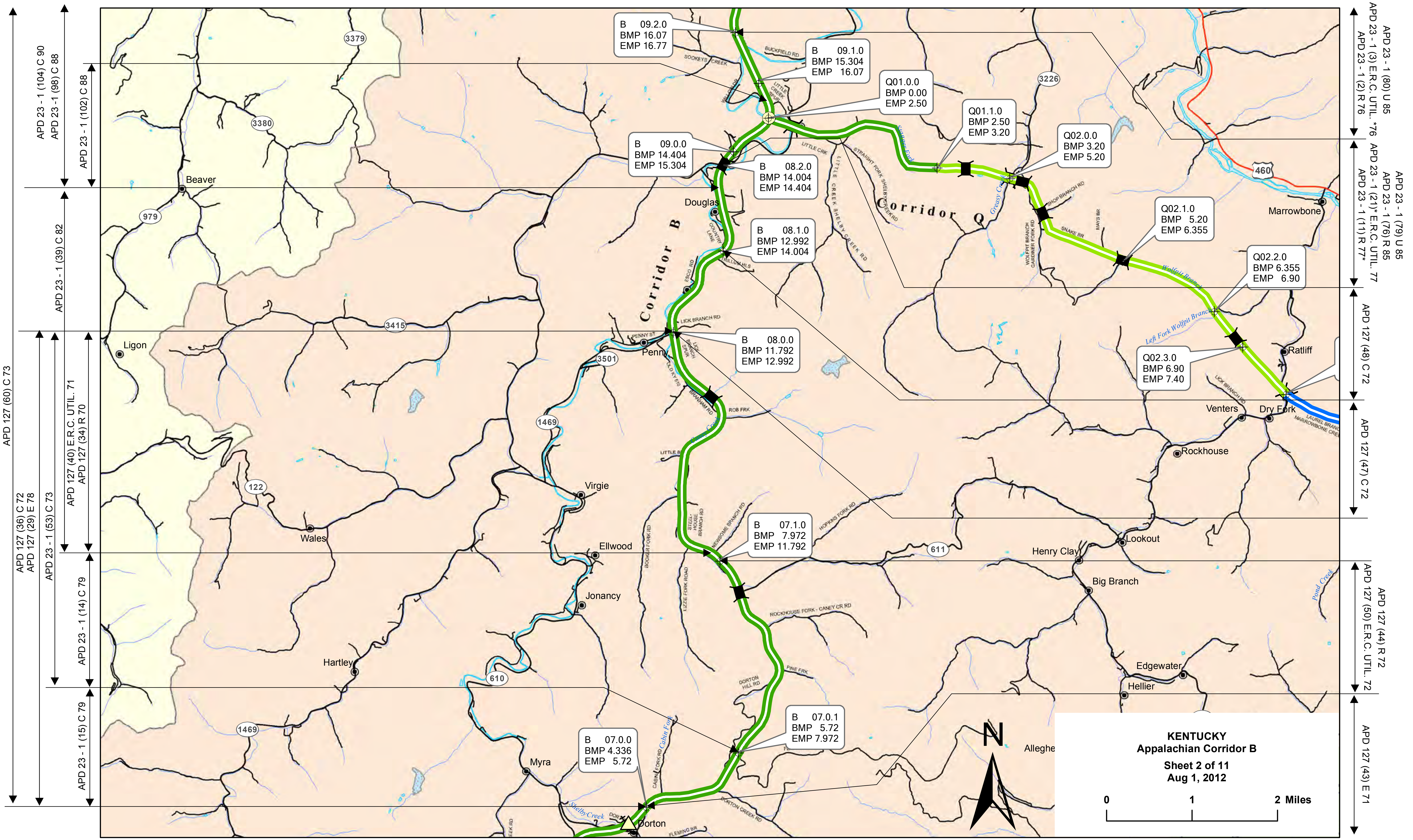
2012 Appalachian Developement Highway System Cost Estimate
Table B - Design Classification and Cost Estimate by Estimate Sections with Corridor Totals

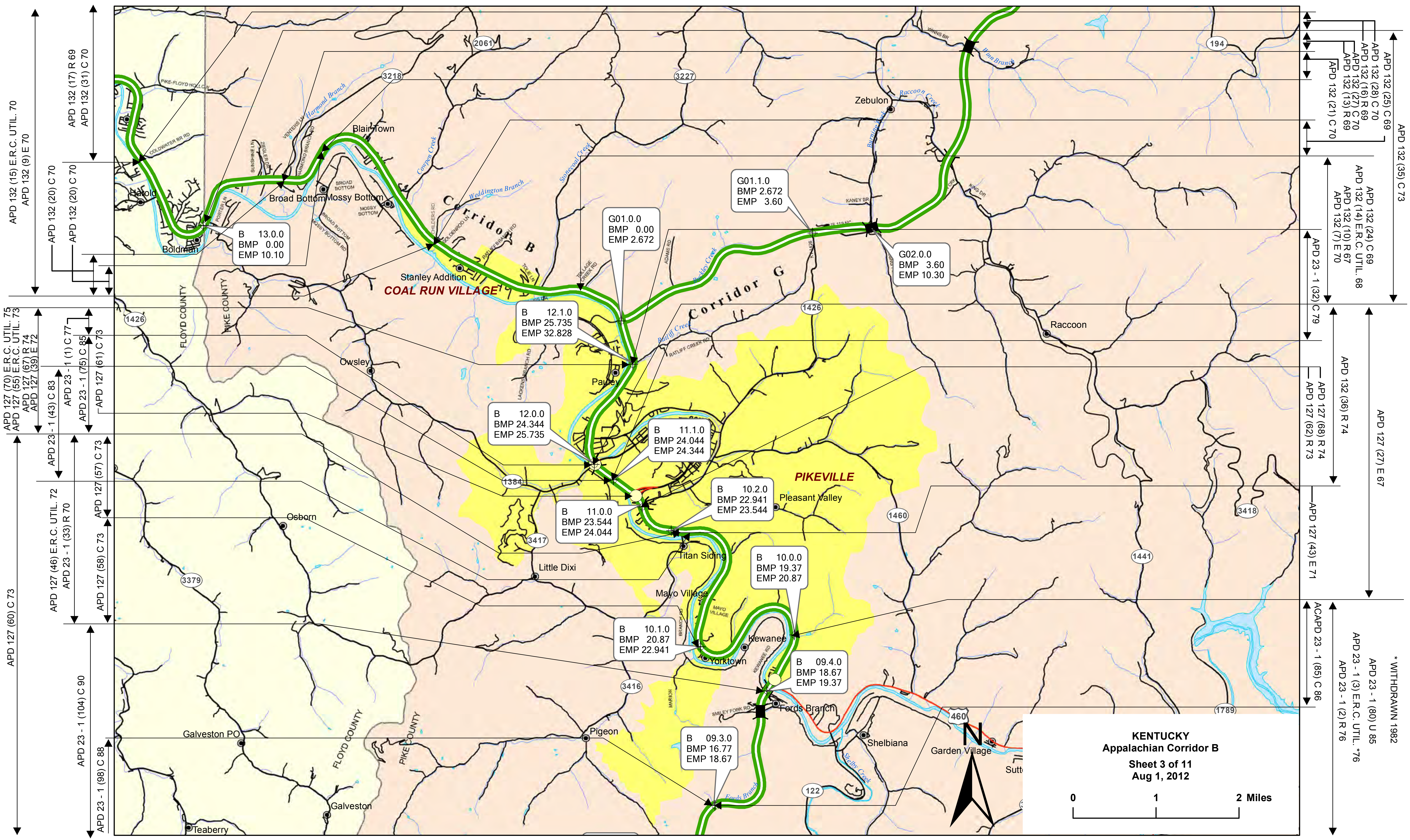
State: KY ADHS Corridor: B

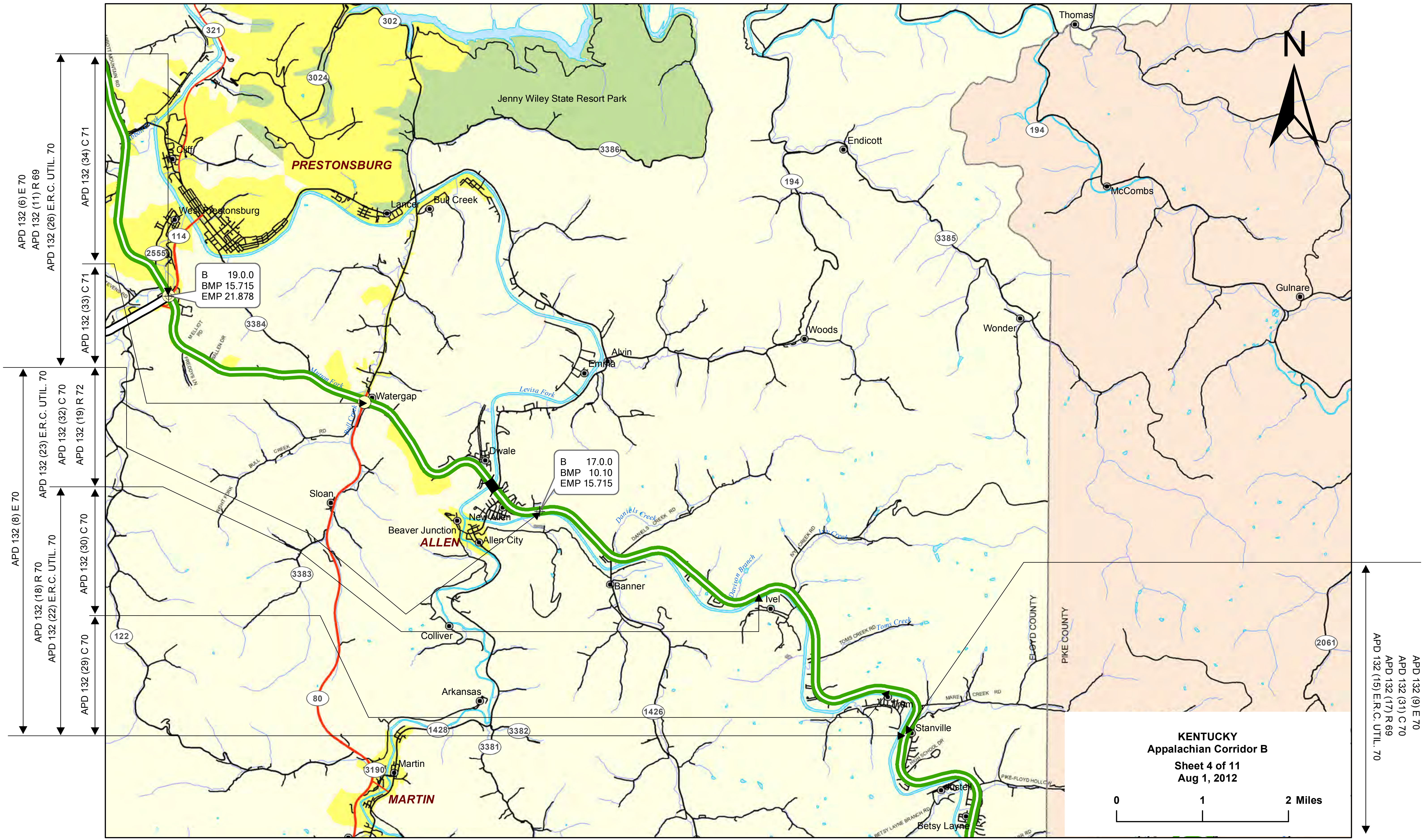
Section ID	**Corridor**	**Rural**	**Urban**
LRS Milepoint	**Total**	**Subtotal**	**Subtotal**
1. Finance Code			
2. Section Length(Miles)	144.70	126.60	18.10
3. Class/Urban Code			
4. Location:			
---- *a. FIPS State/County/Congressional*			
---- *b. HPMS Route/Subroute*			
---- *c. HPMS Signed Route/Strip Map #*			
5. Estimate Section/NHS Designation			
6. Design Speed(mph)			
7. Traffic:			
---- *a. ADT-Base Year (2010)*			
---- *b. ADT-Year 2020*			
---- *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*			
---- *b. Design*			
15. Right-of-Way:			
---- *a. Acquisition*			
---- *b. Relocation*			
16. Utility Adjustments			
17. Erosion Control/Clear/Grade/Drain/Minor Structure			
18. Subbase, Base, Surfacing, Shoulders			
19. Railroad Grade Seperations			
20. Highway Grade Seperations without Ramps			
21. Interchanges			
22. Other Bridges, Tunnels, and Walls			
23. Traffic Control			
24. Environmental Mitigation			
25. Roadside Improvements:			
---- *a. Landscape Planting*			
---- *b. Rest Area, Overlooks*			
26. All Other Items			
27. Subtotal(lines 17 thru 26)			
28. Construction Engineering(8.00000000% of line 27)			
29. Total Cost of Construction(lines 27 & 28)			
30. Total Estimated Cost(lines 14, 15, 16, 29 & 5% Contingency)			

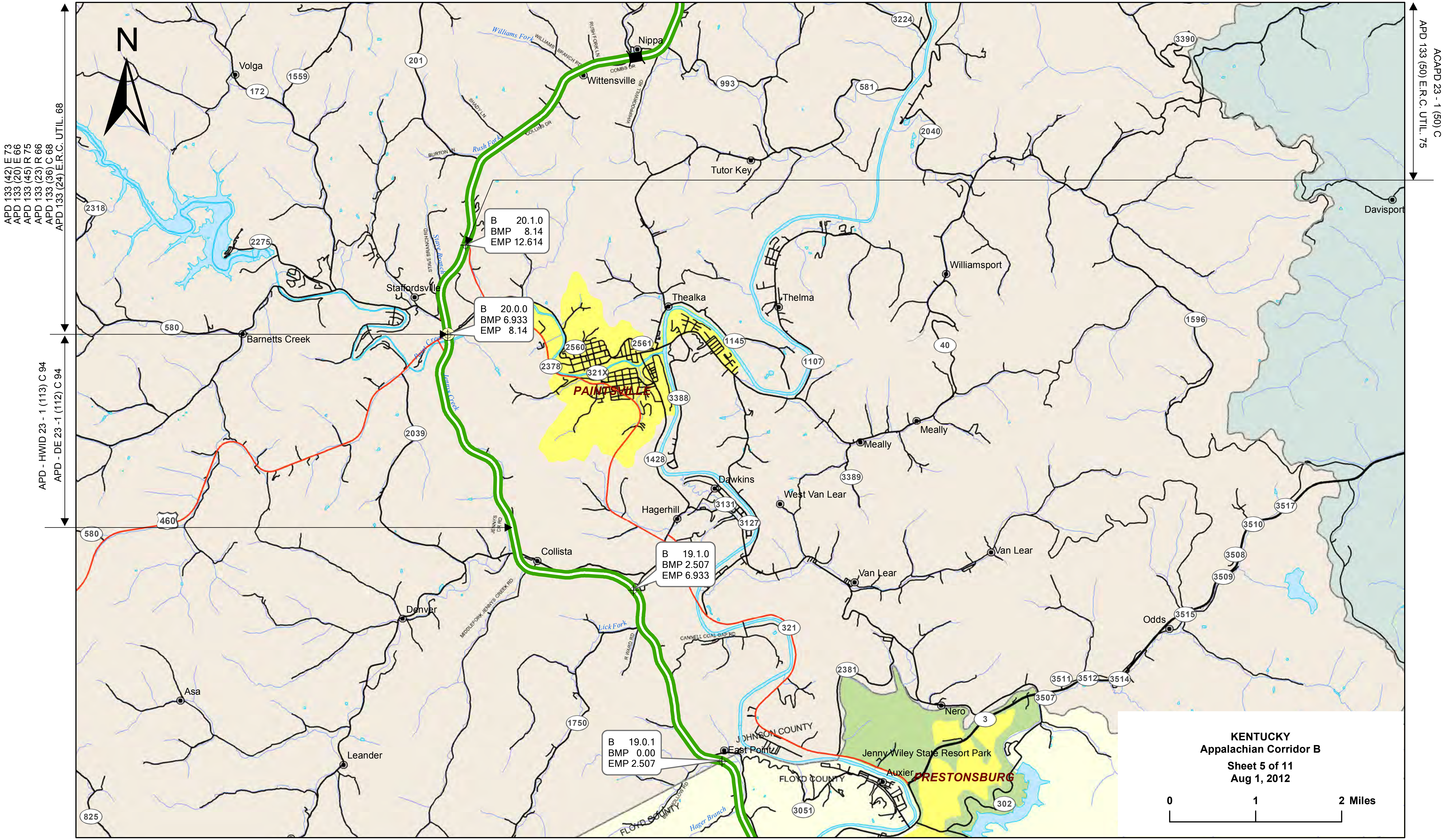

N
1498
3414
3527
Speight
1469
Etty
7
317
Deane
Dorton
Shelby Creek
Orchard Branch
Elimer
197
Hylton
Lick Fork
PIKE COUNTY
LETCHER COUNTY
PIKE COUNTY
LETCHER COUNTY
805
343
3409
Hemphill (Jackhorn P O)
McRoberts
Fleming
-NEON
Dunham
Potters Fork
East Jenkins
Burdine
Gaskill
Jenkins
JENKINS
Jefferson National Forest
Adamson
VIRGINIA
Corridor B
Little Elkhorn Creek
North Fork Kentucky River
B 07.0.0
BMP 4.336
EMP 5.72
B 01.5.0
BMP 2.80
EMP 4.336
B 01.4.0
BMP 1.40
EMP 2.80
B 01.3.1
BMP 0.00
EMP 1.40
B 01.3.0
BMP 6.794
EMP 7.319
B 01.2.0
BMP 4.094
EMP 6.794
B 01.1.0
BMP 2.294
EMP 4.094
B 01.0.0
BMP 0.00
EMP 2.294
APD 23 - 1 (45) U 82
APD 23 - 1 (49) C 82
APD 23 - 1 (42) R 82
APD 123 -1 (44) R 81
HARDSHIP R/W PARCEL
APD 127 (43) E 71
APD 23 - 1 (17) R 77
APD 23 - 1 (18) E.R.C. UTIL. 77
APD 127 (66) E 75
APD - NH 23 - 1 (114) C 95
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
KENTUCKY
Appalachian Corridor B
Sheet 1 of 11
Aug 1, 2012
0
1
2 Miles


KENTUCKY
Appalachian Corridor B
Sheet 2 of 11
Aug 1, 2012
0 1 2 Miles
N
Corridor B
Corridor Q
B 09.2.0 BMP 16.07 EMP 16.77
B 09.1.0 BMP 15.304 EMP 16.07
Q01.0.0 BMP 0.00 EMP 2.50
Q01.1.0 BMP 2.50 EMP 3.20
Q02.0.0 BMP 3.20 EMP 5.20
B 09.0.0 BMP 14.404 EMP 15.304
B 08.2.0 BMP 14.004 EMP 14.404
Q02.1.0 BMP 5.20 EMP 6.355
B 08.1.0 BMP 12.992 EMP 14.004
Q02.2.0 BMP 6.355 EMP 6.90
B 08.0.0 BMP 11.792 EMP 12.992
Q02.3.0 BMP 6.90 EMP 7.40
B 07.1.0 BMP 7.972 EMP 11.792
B 07.0.1 BMP 5.72 EMP 7.972
B 07.0.0 BMP 4.336 EMP 5.72
APD 127 (60) C 73
APD 23 - 1 (104) C 90
APD 23 - 1 (98) C 88
APD 23 - 1 (102) C 88
APD 23 - 1 (39) C 82
APD 127 (36) C 72
APD 127 (29) E 78
APD 23 - 1 (53) C 73
APD 127 (40) E.R.C. UTIL. 71
APD 127 (34) R 70
APD 23 - 1 (14) C 79
APD 23 - 1 (15) C 79
APD 23 - 1 (80) U 85
APD 23 - 1 (3) E.R.C. UTIL. *76
APD 23 - 1 (2) R 76
* WITHDRAWN 1982
APD 23 - 1 (79) U 85
APD 23 - 1 (76) R 85
APD 23 - 1 (21)* E.R.C. UTIL. 77
APD 23 - 1 (11) R 77*
APD 127 (48) C 72
APD 127 (47) C 72
APD 127 (44) R 72
APD 127 (50) E.R.C. UTIL. 72
APD 127 (43) E 71
Beaver
Ligon
Douglas
Penny
Virgie
Wales
Ellwood
Jonancy
Hartley
Myra
Dorton
Marrowbone
Ratliff
Venters
Dry Fork
Rockhouse
Lookout
Henry Clay
Big Branch
Edgewater
Hellier
Allegheny
3379
3380
979
3415
3501
1469
122
610
611
3226
460
Shelby Creek
Greasy Creek
Wolfpit Branch
Left Fork Wolfpit Branch
Pond Creek
SOOKEYS CREEK
BUCKFIELD RD
LITTLE CRK
LICK BRANCH RD
ROB FRK
ROCKHOUSE FORK - CANEY CR RD
PINE FRK
DORTON HILL RD
DORTON CREEK RD
FLEMING BR
HOPKINS FORK RD
NEWSOME BRANCH RD
BOOKER FORK RD
LIZZIE FORK ROAD
SNAKE BR
MAYS BR
LAUREL BRANCH
MARROWBONE CREEK

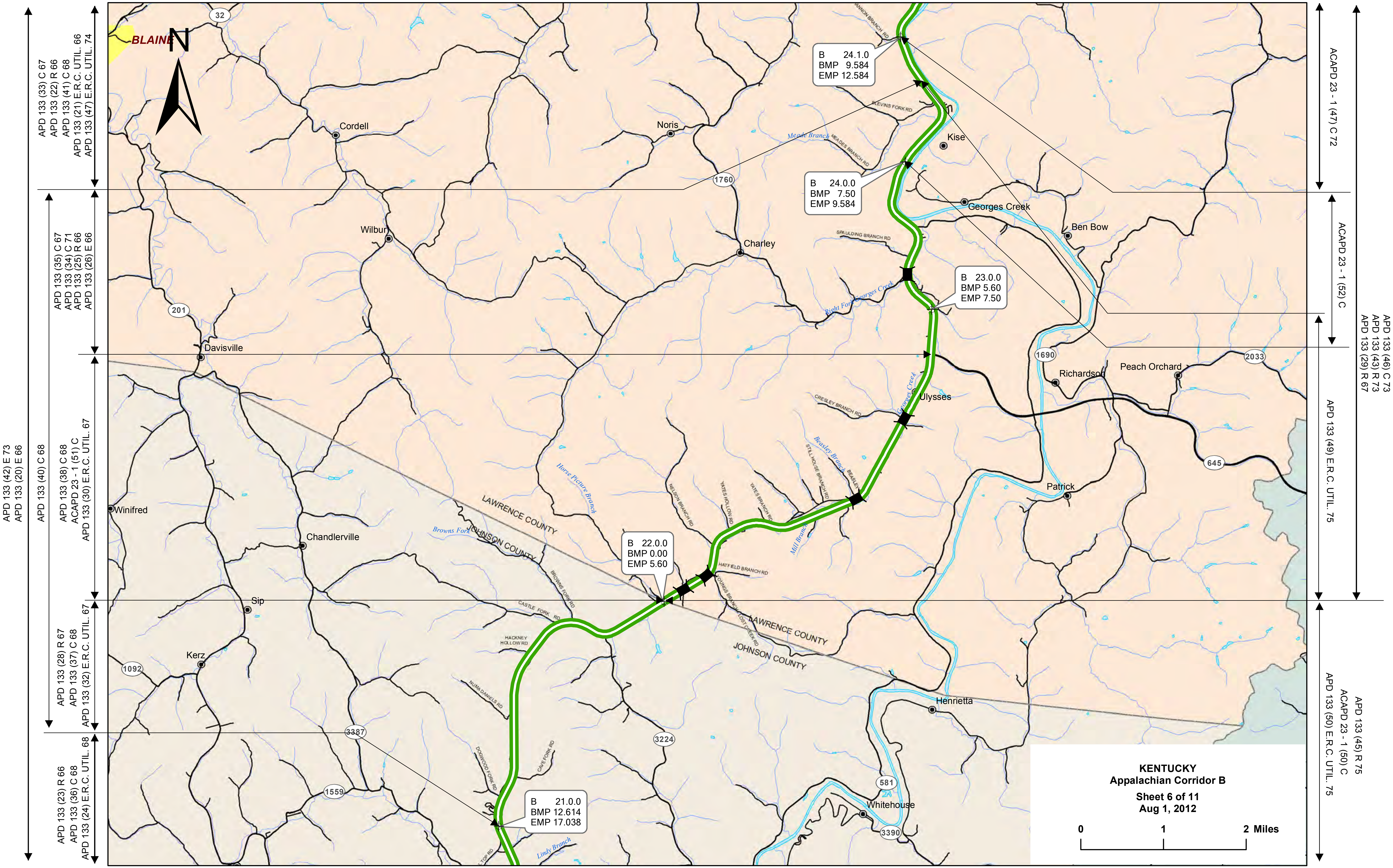

KENTUCKY
Appalachian Corridor B
Sheet 3 of 11
Aug 1, 2012
0
1
2 Miles
N
COAL RUN VILLAGE
PIKEVILLE
Corridor B
Corridor G
B 13.0.0
BMP 0.00
EMP 10.10
B 12.1.0
BMP 25.735
EMP 32.828
B 12.0.0
BMP 24.344
EMP 25.735
B 11.1.0
BMP 24.044
EMP 24.344
B 11.0.0
BMP 23.544
EMP 24.044
B 10.2.0
BMP 22.941
EMP 23.544
B 10.1.0
BMP 20.87
EMP 22.941
B 10.0.0
BMP 19.37
EMP 20.87
B 09.4.0
BMP 18.67
EMP 19.37
B 09.3.0
BMP 16.77
EMP 18.67
G01.0.0
BMP 0.00
EMP 2.672
G01.1.0
BMP 2.672
EMP 3.60
G02.0.0
BMP 3.60
EMP 10.30
APD 132 (15) E.R.C. UTIL. 70
APD 132 (9) E 70
APD 132 (17) R 69
APD 132 (31) C 70
APD 132 (20) C 70
APD 132 (20) C 70
APD 127 (70) E.R.C. UTIL. 75
APD 127 (55) E.R.C. UTIL. 73
APD 127 (67) R 74
APD 127 (39) E 72
APD 23 - 1 (43) C 83
APD 23 - 1 (1) C 77
APD 23 - 1 (75) C 85
APD 127 (61) C 73
APD 127 (60) C 73
APD 127 (46) E.R.C. UTIL. 72
APD 23 - 1 (33) R 70
APD 127 (57) C 73
APD 127 (58) C 73
APD 23 - 1 (104) C 90
APD 23 - 1 (98) C 88
APD 132 (25) C 69
APD 132 (28) C 70
APD 132 (16) R 69
APD 132 (27) C 70
APD 132 (13) R 69
APD 132 (21) C 70
APD 132 (35) C 73
APD 132 (24) C 69
APD 132 (14) E.R.C. UTIL. 68
APD 132 (10) R 67
APD 132 (7) E 70
APD 23 - 1 (32) C 79
APD 132 (36) R 74
APD 127 (68) R 74
APD 127 (62) R 73
APD 127 (27) E 67
APD 127 (43) E 71
ACAPD 23 - 1 (85) C 86
APD 23 - 1 (80) U 85
APD 23 - 1 (3) E.R.C. UTIL. *76
APD 23 - 1 (2) R 76
*WITHDRAWN 1982
Harold
Boldman
Broad Bottom
Mossy Bottom
Blair Town
Stanley Addition
Zebulon
Raccoon
Owsley
Pauley
Pleasant Valley
Osborn
Little Dixi
Titan Siding
Mayo Village
Kewanee
Yorktown
Fords Branch
Shelbiana
Garden Village
Galveston PO
Galveston
Pigeon
Teaberry
FLOYD COUNTY
PIKE COUNTY
2061
3218
3227
194
1426
1384
3417
3379
3416
1460
3418
1441
1789
460
122
Harmond Branch
Cowpen Creek
Weddington Branch
Stonecoal Creek
Raccoon Creek
Wynn Branch
Burning Fork
Ratliff Creek
Shelby Creek
Fords Branch

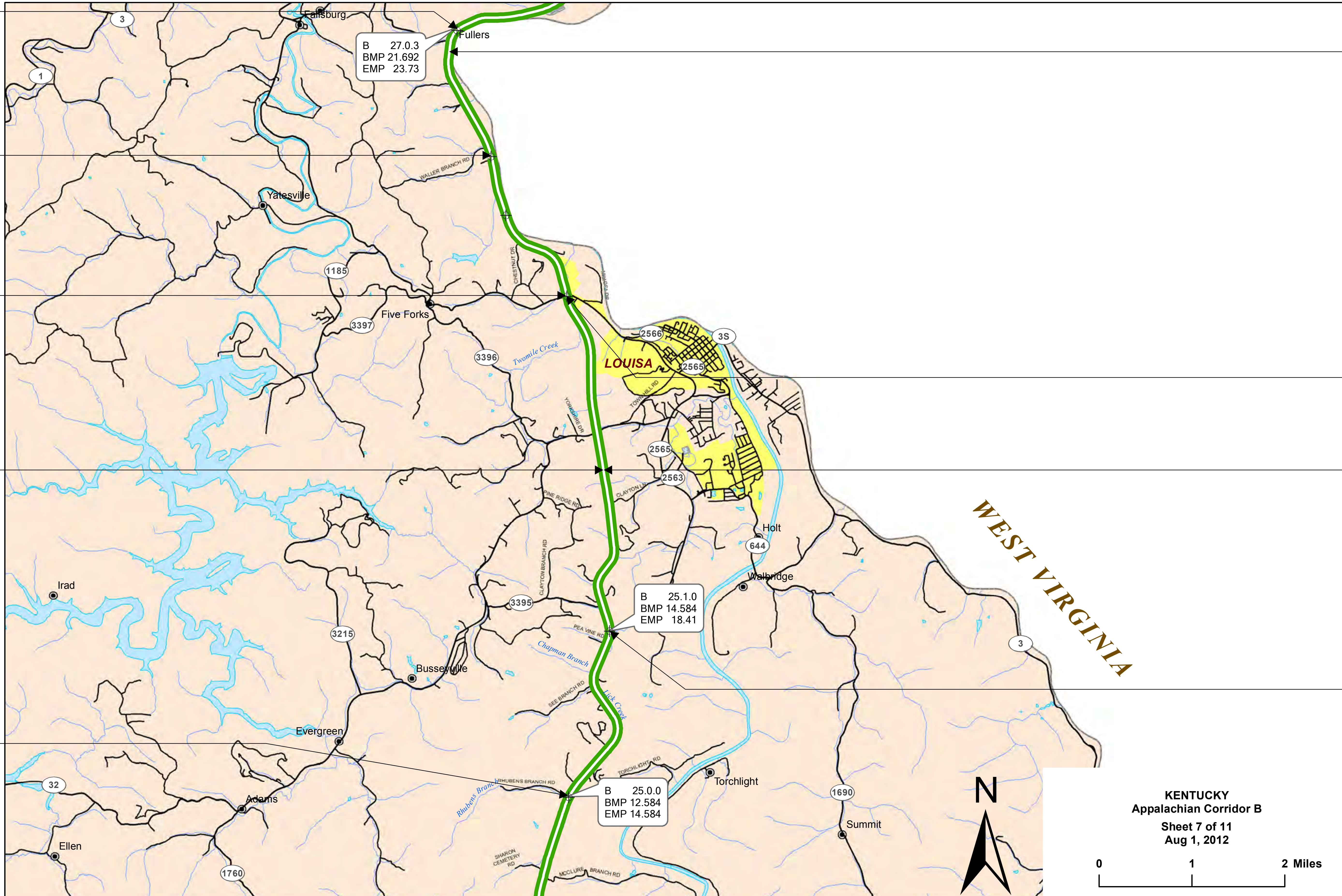


KENTUCKY
Appalachian Corridor B
Sheet 4 of 11
Aug 1, 2012
0
1
2 Miles
N
PRESTONSBURG
ALLEN
MARTIN
Jenny Wiley State Resort Park
Thomas
Endicott
McCombs
Gulnare
Woods
Wonder
Alvin
Emma
Cliff
West Prestonsburg
Lancer
Bull Creek
Watergap
Dwale
Sloan
New Allen
Beaver Junction
Allen City
Banner
Ivel
Colliver
Arkansas
Martin
Tram
Stanville
Justell
Betsy Layne
Levisa Fork
Daniels Creek
Davison Branch
Toms Creek
FLOYD COUNTY
PIKE COUNTY
B 19.0.0
BMP 15.715
EMP 21.878
B 17.0.0
BMP 10.10
EMP 15.715
321
302
3024
3386
194
3385
2061
114
2555
3384
3383
122
80
1428
3382
3381
1426
3190
APD 132 (6) E 70
APD 132 (11) R 69
APD 132 (26) E.R.C. UTIL. 70
APD 132 (34) C 71
APD 132 (33) C 71
APD 132 (23) E.R.C. UTIL. 70
APD 132 (32) C 70
APD 132 (19) R 72
APD 132 (8) E 70
APD 132 (18) R 70
APD 132 (22) E.R.C. UTIL. 70
APD 132 (30) C 70
APD 132 (29) C 70
APD 132 (9) E 70
APD 132 (31) C 70
APD 132 (17) R 69
APD 132 (15) E.R.C. UTIL. 70

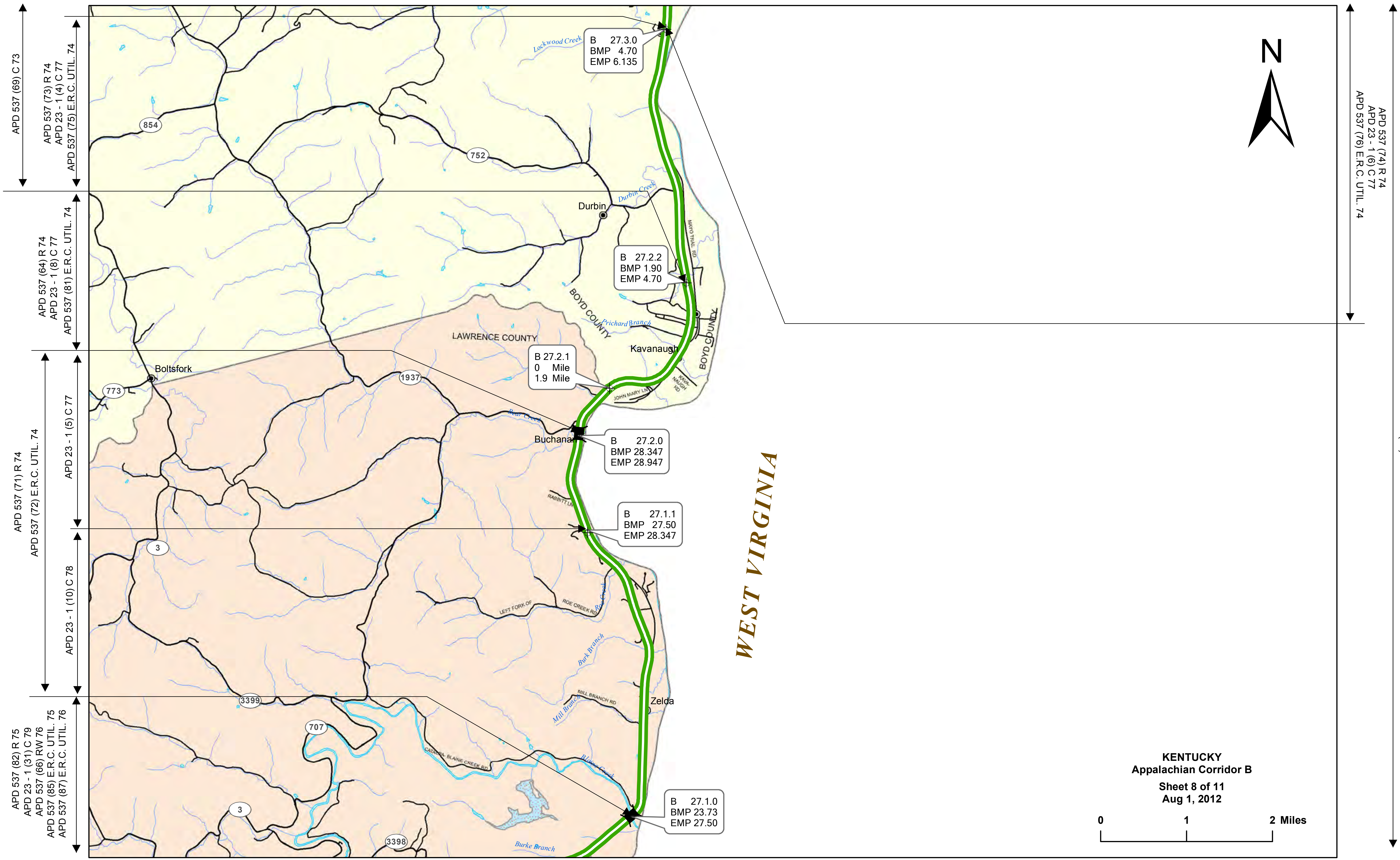


KENTUCKY
Appalachian Corridor B
Sheet 5 of 11
Aug 1, 2012
0
1
2 Miles
N
APD 133 (42) E 73
APD 133 (20) E 66
APD 133 (45) R 75
APD 133 (23) R 66
APD 133 (36) C 68
APD 133 (24) E.R.C. UTIL. 68
APD - HWID 23 - 1 (113) C 94
APD - DE 23 -1 (112) C 94
ACAPD 23 - 1 (50) C
APD 133 (50) E.R.C. UTIL. 75
B 20.1.0
BMP 8.14
EMP 12.614
B 20.0.0
BMP 6.933
EMP 8.14
B 19.1.0
BMP 2.507
EMP 6.933
B 19.0.1
BMP 0.00
EMP 2.507
PAINTSVILLE
PRESTONSBURG
JOHNSON COUNTY
FLOYD COUNTY
Jenny Wiley State Resort Park
Volga
Nippa
Wittensville
Tutor Key
Davisport
Staffordsville
Barnetts Creek
Thealka
Thelma
Williamsport
Meally
Dawkins
West Van Lear
Hagerhill
Collista
Van Lear
Odds
Denver
Asa
Leander
Nero
East Point
Auxier
Williams Fork
Rush Fork
Staffe Branch
Paint Creek
Jennys Creek
Lick Fork
Hager Branch
201
1559
172
993
581
3224
3390
2040
2318
2275
580
2560
2561
1145
1107
2378
321X
3388
40
1596
2039
1428
3389
3131
3127
460
3517
3510
3508
3509
3515
321
2381
3511
3512
3514
3507
3
1750
3051
302
825

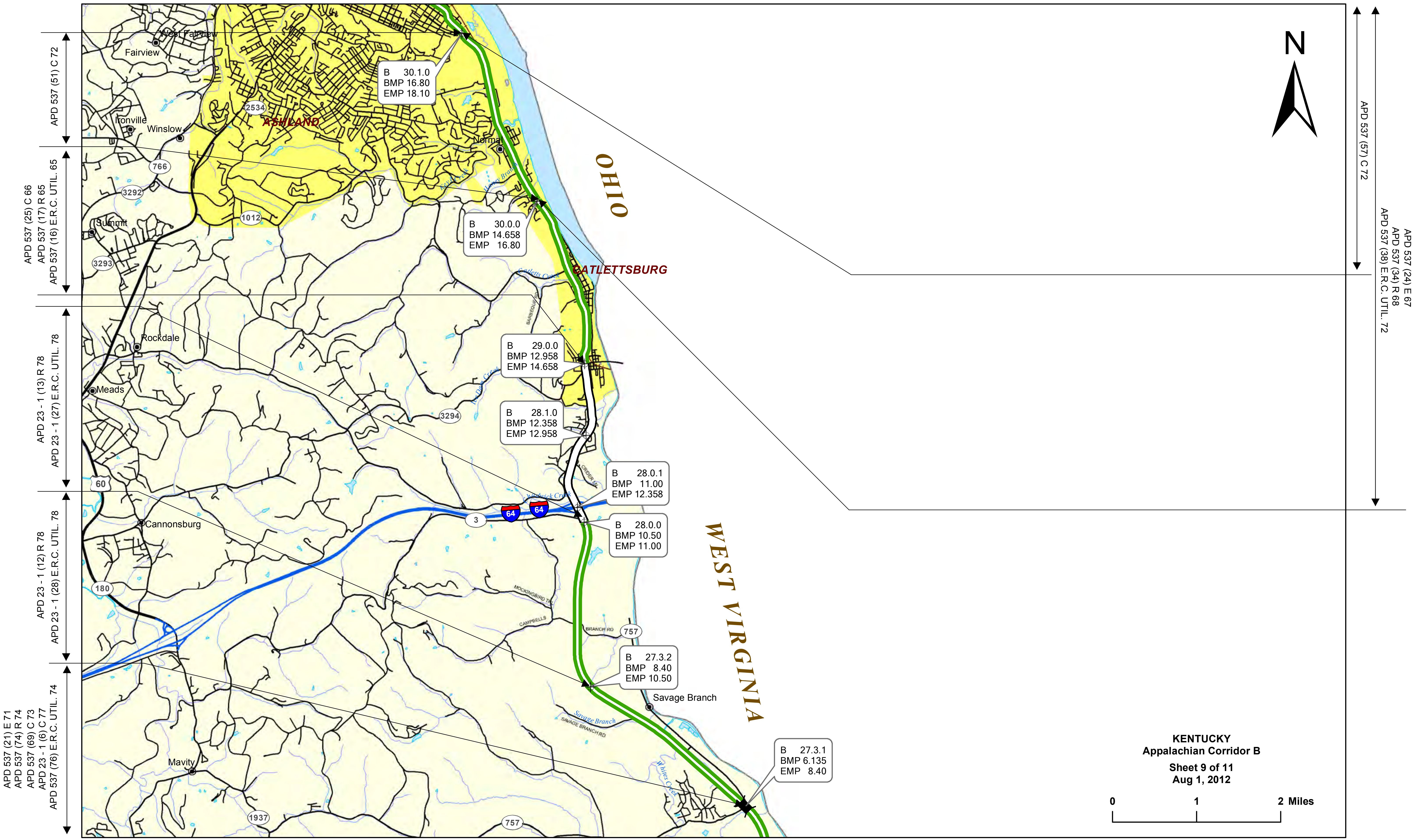

KENTUCKY
Appalachian Corridor B
Sheet 6 of 11
Aug 1, 2012
0
1
2 Miles
B 24.1.0
BMP 9.584
EMP 12.584
B 24.0.0
BMP 7.50
EMP 9.584
B 23.0.0
BMP 5.60
EMP 7.50
B 22.0.0
BMP 0.00
EMP 5.60
B 21.0.0
BMP 12.614
EMP 17.038
APD 133 (33) C 67
APD 133 (22) R 66
APD 133 (41) C 68
APD 133 (21) E.R.C. UTIL. 66
APD 133 (47) E.R.C. UTIL. 74
APD 133 (35) C 67
APD 133 (34) C 71
APD 133 (25) R 66
APD 133 (26) E 66
APD 133 (38) C 68
ACAPD 23 - 1 (51) C
APD 133 (30) E.R.C. UTIL. 67
APD 133 (42) E 73
APD 133 (20) E 66
APD 133 (40) C 68
APD 133 (28) R 67
APD 133 (37) C 68
APD 133 (32) E.R.C. UTIL. 67
APD 133 (23) R 66
APD 133 (36) C 68
APD 133 (24) E.R.C. UTIL. 68
ACAPD 23 - 1 (47) C 72
ACAPD 23 - 1 (52) C
APD 133 (46) C 73
APD 133 (43) R 73
APD 133 (29) R 67
APD 133 (49) E.R.C. UTIL. 75
APD 133 (45) R 75
ACAPD 23 - 1 (50) C
APD 133 (50) E.R.C. UTIL. 75
BLAINE
N
Cordell
Noris
Kise
Georges Creek
Ben Bow
Wilbur
Charley
Davisville
Richardson
Peach Orchard
Ulysses
Patrick
Winifred
Chandlerville
Sip
Kerz
Henrietta
Whitehouse
LAWRENCE COUNTY
JOHNSON COUNTY
32
1760
201
1690
2033
645
1092
3387
3224
1559
581
3390
Meade Branch
Right Fork Georges Creek
Georges Creek
Beasley Branch
Mill Branch
Horse Picture Branch
Browns Fork
Lindy Branch
SPAULDING BRANCH RD
CRESLEY BRANCH RD
HATFIELD BRANCH RD
CASTLE FORK RD
HACKNEY HOLLOW RD
CAVE FORK RD



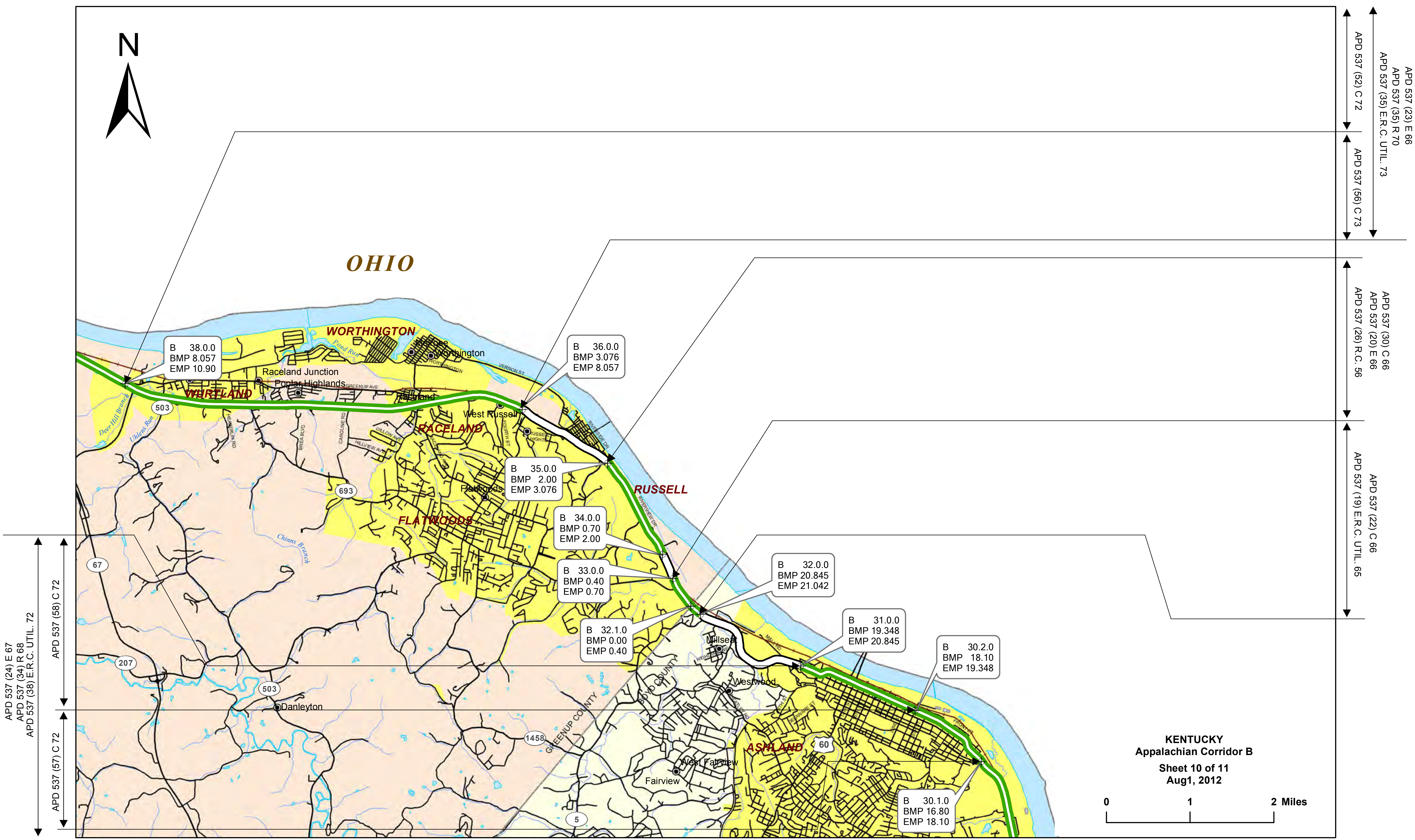
APD 537 (83) R 75
APD 23 - 1 (23) C 78
APD 537 (85) E.R.C. UTIL. 75
APD 23 - 1 (7) R
APD 23 - 1 (9) U 77
APD 537 (18) C 65
APD 133 (19) C 65
APD 133 (42) E 73
APD 133 (41) C 68
APD 133 (20) E 66
APD 133 (39) C 68
APD 133 (29) C 76
APD 133 (27) R 67
APD 133 (31) E.R.C. UTIL. 67
APD 133 (33) C 67
APD 133 (22) R 66
APD 133 (21) E.R.C. UTIL. 66
APD 133 (47) E.R.C. UTIL. 74
APD 537 (21) E 71
ACAPD 23 -1 (48) C
APD 133 (46) C 73
APD 133 (43) R 73
APD 133 (29) R 67
ACAPD 23 - 1 (47) C 72



KENTUCKY
Appalachian Corridor B
Sheet 8 of 11
Aug 1, 2012
0
1
2 Miles
N
WEST VIRGINIA
LAWRENCE COUNTY
BOYD COUNTY
Durbin
Kavanaugh
Boltsfork
Buchanan
Zelda
Lockwood Creek
Durbin Creek
Prichard Branch
Bear Creek
Burk Branch
Mill Branch
Blaine Creek
Burke Branch
MAYO TRAIL RD
JOHN MARY LN
KAVANAUGH RD
RABBITT LN
LEFT FORK OF
ROE CREEK RD
MILL BRANCH RD
CATALPA BLAINE CREEK RD
854
752
773
1937
3
3399
707
3398
B 27.3.0
BMP 4.70
EMP 6.135
B 27.2.2
BMP 1.90
EMP 4.70
B 27.2.1
0 Mile
1.9 Mile
B 27.2.0
BMP 28.347
EMP 28.947
B 27.1.1
BMP 27.50
EMP 28.347
B 27.1.0
BMP 23.73
EMP 27.50
APD 537 (69) C 73
APD 537 (73) R 74
APD 23 - 1 (4) C 77
APD 537 (75) E.R.C. UTIL. 74
APD 537 (64) R 74
APD 23 - 1 (8) C 77
APD 537 (81) E.R.C. UTIL. 74
APD 537 (71) R 74
APD 537 (72) E.R.C. UTIL. 74
APD 23 - 1 (5) C 77
APD 23 - 1 (10) C 78
APD 537 (82) R 75
APD 23 - 1 (31) C 79
APD 537 (66) RW 76
APD 537 (85) E.R.C. UTIL. 75
APD 537 (87) E.R.C. UTIL. 76
APD 537 (74) R 74
APD 23 - 1 (6) C 77
APD 537 (76) E.R.C. UTIL. 74
APD 537 (21) E 71

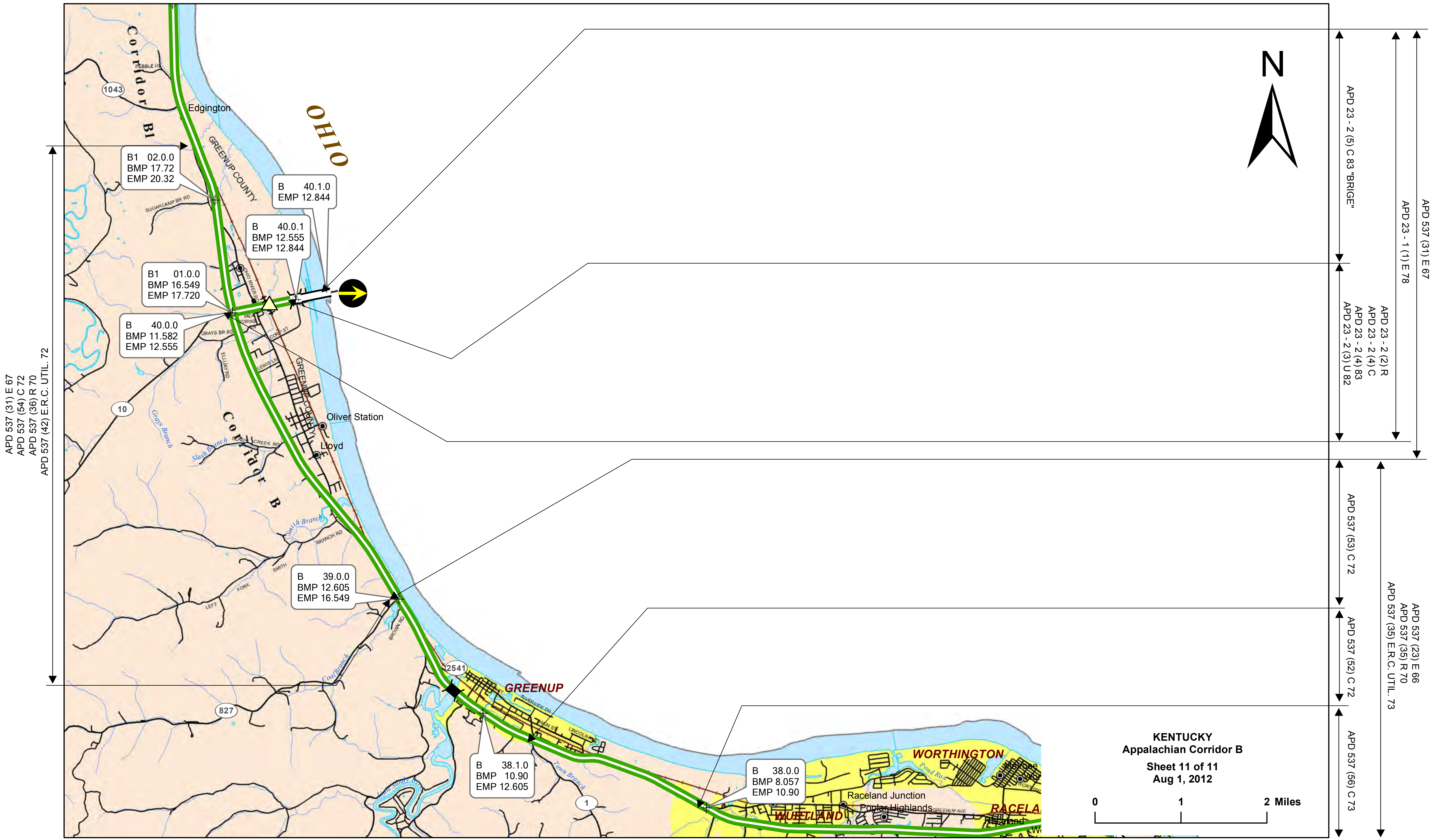


KENTUCKY
Appalachian Corridor B
Sheet 9 of 11
Aug 1, 2012
N
0
1
2 Miles
B 30.1.0
BMP 16.80
EMP 18.10
B 30.0.0
BMP 14.658
EMP 16.80
B 29.0.0
BMP 12.958
EMP 14.658
B 28.1.0
BMP 12.358
EMP 12.958
B 28.0.1
BMP 11.00
EMP 12.358
B 28.0.0
BMP 10.50
EMP 11.00
B 27.3.2
BMP 8.40
EMP 10.50
B 27.3.1
BMP 6.135
EMP 8.40
APD 537 (51) C 72
APD 537 (25) C 66
APD 537 (17) R 65
APD 537 (16) E.R.C. UTIL. 65
APD 23 - 1 (13) R 78
APD 23 - 1 (27) E.R.C. UTIL. 78
APD 23 - 1 (12) R 78
APD 23 - 1 (28) E.R.C. UTIL. 78
APD 537 (21) E 71
APD 537 (74) R 74
APD 537 (69) C 73
APD 23 - 1 (6) C 77
APD 537 (76) E.R.C. UTIL. 74
APD 537 (57) C 72
APD 537 (24) E 67
APD 537 (34) R 68
APD 537 (38) E.R.C. UTIL. 72
OHIO
WEST VIRGINIA
ASHLAND
CATLETTSBURG
West Fairview
Fairview
Ironville
Winslow
Normal
Summit
Rockdale
Meads
Cannonsburg
Savage Branch
Mavity
2534
766
3292
1012
3293
3294
60
3
64
180
757
1937



KENTUCKY
Appalachian Corridor B

Sheet 10 of 11
Aug1, 2012



KENTUCKY
Appalachian Corridor B
Sheet 11 of 11
Aug 1, 2012
0
1
2 Miles
N
OHIO
Corridor B1
Corridor B
GREENUP COUNTY
Edgington
Oliver Station
Lloyd
GREENUP
WORTHINGTON
WURTLAND
Raceland Junction
Poplar Highlands
1043
10
827
2541
1
B1 02.0.0
BMP 17.72
EMP 20.32
B 40.1.0
EMP 12.844
B 40.0.1
BMP 12.555
EMP 12.844
B1 01.0.0
BMP 16.549
EMP 17.720
B 40.0.0
BMP 11.582
EMP 12.555
B 39.0.0
BMP 12.605
EMP 16.549
B 38.1.0
BMP 10.90
EMP 12.605
B 38.0.0
BMP 8.057
EMP 10.90
APD 537 (31) E 67
APD 537 (54) C 72
APD 537 (36) R 70
APD 537 (42) E.R.C. UTIL. 72
APD 23 - 2 (5) C 83 "BRIGE"
APD 23 - 1 (1) E 78
APD 537 (31) E 67
APD 23 - 2 (2) R
APD 23 - 2 (4) C
APD 23 - 2 (4) 83
APD 23 - 2 (3) U 82
APD 537 (53) C 72
APD 537 (52) C 72
APD 537 (56) C 73
APD 537 (23) E 66
APD 537 (35) R 70
APD 537 (35) E.R.C. UTIL. 73

2012 Appalachian Developement Highway System Cost Estimate
Table B - Design Classification and Cost Estimate by Estimate Sections with Corridor Totals

State: KY | ADHS Corridor: B1

Section ID	**B1 01.0.0**	**B1 02.0.0**	**B1 03.0.0**	**B1 04.0.0**	**B1 05.0.0**	**B1 06.0.0**
LRS Milepoint: Beginning/Ending	**16.549/17.720**	**17.720/20.320**	**20.320/22.420**	**22.420/25.150**	**25.150/26.850**	**26.850/28.760**
Status	**Completed**	**Completed**	**Completed**	**Completed**	**Completed**	**Completed**
1. Finance Code	20	20	20	20	20	20
2. Section Length(Miles)	1.2	2.6	2.1	2.7	1.7	2
3. Class/Urban Code	R/0	R/0	R/0	R/0	R/0	R/0
4. Location:						
---- a. FIPS State/County/Congressional	21/089/04	21/089/04	21/089/04	21/089/04	21/089/04	21/089/04
---- b. HPMS Route/Subroute	0000000023/00	0000000023/00	0000000023/00	0000000023/00	0000000023/00	0000000023/00
---- c. HPMS Signed Route/Strip Map #	2000000023/B1	2000000023/B1	2000000023/B1	2000000023/B1	2000000023/B1	2000000023/B1
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 (2010)	7,200	6,800	6,500	6,500	8,100	10,500
---- b. ADT-Year 2020	9,000	8,500	8,200	8,200	10,000	12,800
---- c. Design Year	1,992	1,993	1,992	1,993	1,993	1,994
---- d. ADT-Design Year	5,400	5,500	5,200	6,700	9,800	11,900
---- e. DHV-Design Year	590	610	570	740	1,080	1,190
---- f. % Truck Design Year(DHV)	8	8	8	7	7	6
---- g. % Truck Design Year(ADT)	12	12	12	10	10	0
---- 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	R2/None	R2/None	R6/None	R2/None	R4/None	R4/None
11. Right-of-Way Width(ft), prevailing	350	350	300	250	250	450
12. Median Width(ft), prevailing	50	50	24	50	20	20
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(8.00000000% 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**

2012 Appalachian Developement Highway System Cost Estimate
Table B - Design Classification and Cost Estimate by Estimate Sections with Corridor Totals

State: KY ADHS Corridor: B1

Section ID	**B1 07.0.0**
LRS Milepoint: Beginning/Ending	**28.700/29.000**
Status	**NP**
1. Finance Code	20
2. Section Length(Miles)	0.3
3. Class/Urban Code	R/0
4. Location:	
---- *a. FIPS State/County/Congressional*	21/089/04
---- *b. HPMS Route/Subroute*	00000APD23/00
---- *c. HPMS Signed Route/Strip Map #*	20000AP23/B1
5. Estimate Section/NHS Designation	2/NHS
6. Design Speed(mph)	50
7. Traffic:	
---- *a. ADT-Base Year (2010)*	10,300
---- *b. ADT-Year 2020*	12,600
---- *c. Design Year*	2,008
---- *d. ADT-Design Year*	12,000
---- *e. DHV-Design Year*	1,320
---- *f. % Truck Design Year(DHV)*	5
---- *g. % Truck Design Year(ADT)*	7
---- *h. Directional Distribution Factor*	60
8. Number of Lanes to be Constructed this Estimate	0
9. Ultimate Number of Through Traffic Lanes	2
10. Typical X-Section of Reference/Access Control	B1/None
11. Right-of-Way Width(ft), prevailing	150
12. Median Width(ft), prevailing	0
13. Status of Development(Figure 4)	np

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(8.00000000% 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**

2012 Appalachian Developement Highway System Cost Estimate

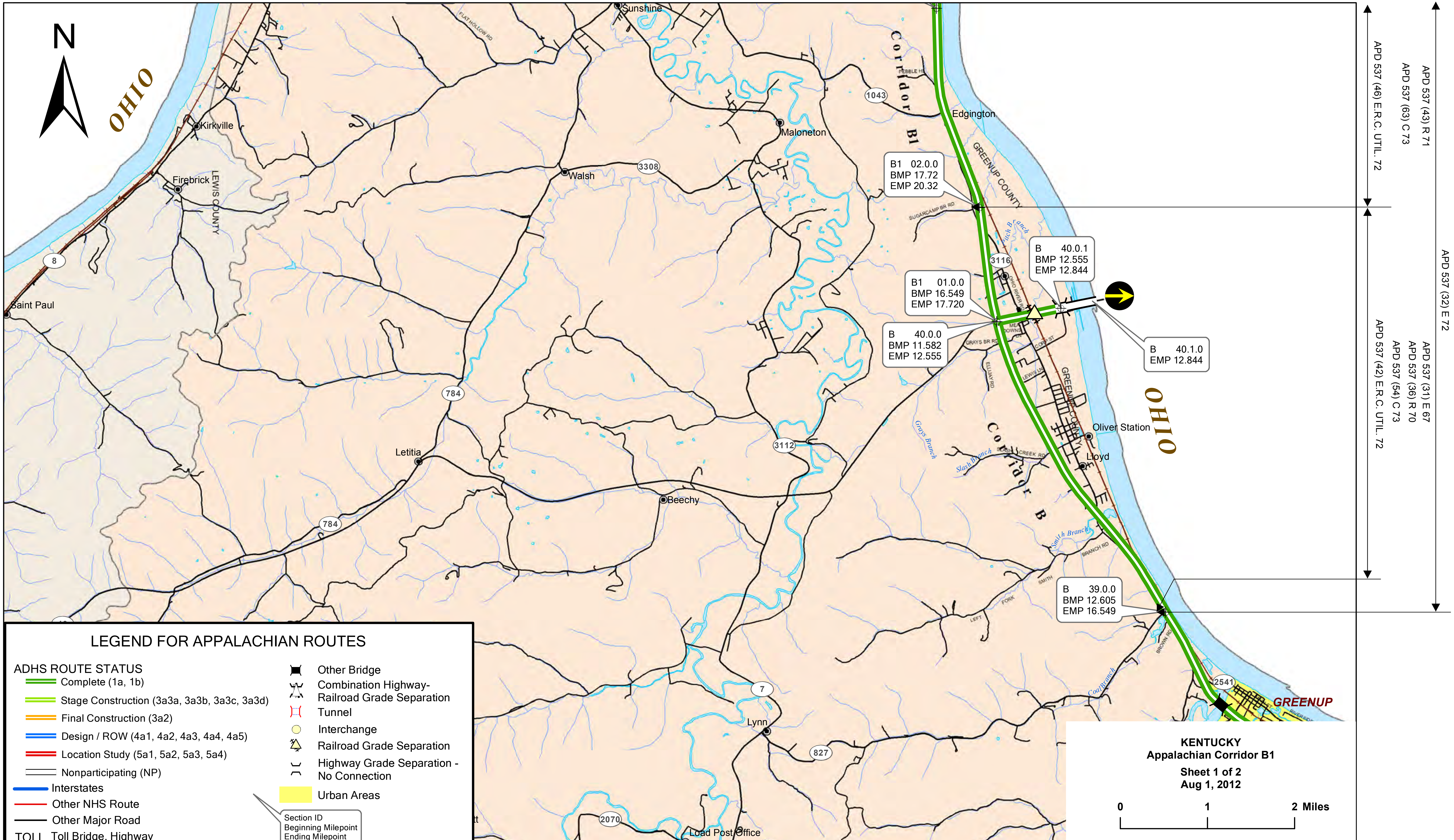
Table B - Design Classification and Cost Estimate by Estimate Sections with Corridor Totals

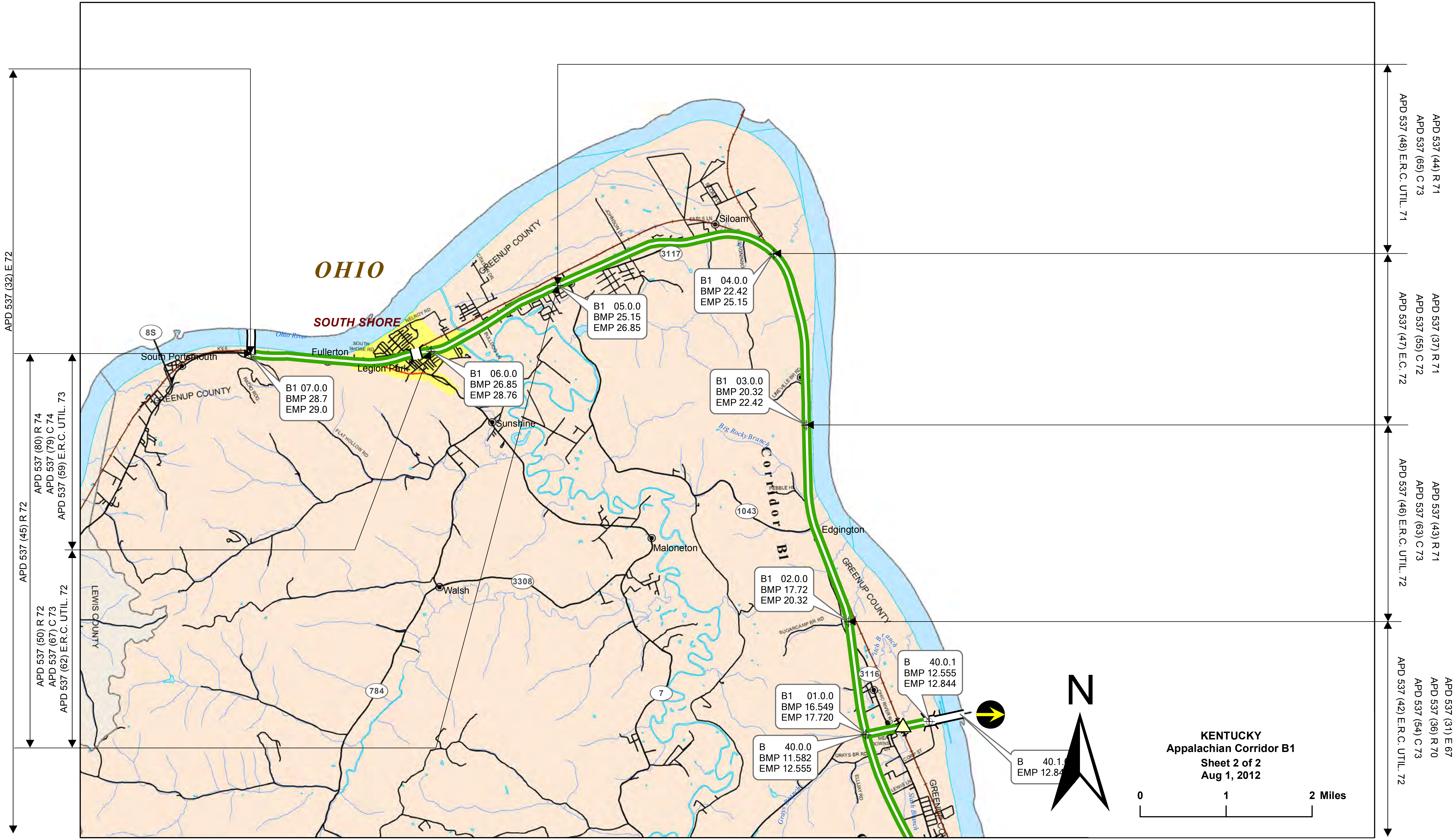
State: KY ADHS Corridor: B1

Section ID	**Corridor**	**Rural**	**Urban**
LRS Milepoint	**Total**	**Subtotal**	**Subtotal**
1. Finance Code			
2. Section Length(Miles)	12.60	12.60	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 (2010)*			
---- *b. ADT-Year 2020*			
---- *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*			
---- *b. Design*			
15. Right-of-Way:			
---- *a. Acquisition*			
---- *b. Relocation*			
16. Utility Adjustments			
17. Erosion Control/Clear/Grade/Drain/Minor Structure			
18. Subbase, Base, Surfacing, Shoulders			
19. Railroad Grade Seperations			
20. Highway Grade Seperations without Ramps			
21. Interchanges			
22. Other Bridges, Tunnels, and Walls			
23. Traffic Control			
24. Environmental Mitigation			
25. Roadside Improvements:			
---- *a. Landscape Planting*			
---- *b. Rest Area, Overlooks*			
26. All Other Items			
27. Subtotal(lines 17 thru 26)			
28. Construction Engineering(8.00000000% of line 27)			
29. Total Cost of Construction(lines 27 & 28)			
30. Total Estimated Cost(lines 14, 15, 16, 29 & 5% Contingency)			


N
OHIO
Sunshine
FLAT HOLLOW RD
Kirkville
Firebrick
LEWIS COUNTY
Walsh
3308
Maloneton
1043
Edgington
Corridor B1
PEBBLE HILL
GREENUP COUNTY
SUGARCAMP BR RD
8
Saint Paul
B1 02.0.0
BMP 17.72
EMP 20.32
B 40.0.1
BMP 12.555
EMP 12.844
B1 01.0.0
BMP 16.549
EMP 17.720
B 40.0.0
BMP 11.582
EMP 12.555
B 40.1.0
EMP 12.844
3116
GRAYS BR RD
784
Letitia
Beechy
3112
Oliver Station
Lloyd
Corridor B
OHIO
Grays Branch
Slash Branch
Smith Branch
BRANCH RD
B 39.0.0
BMP 12.605
EMP 16.549
784
7
Lynn
827
2070
Load Post Office
2541
GREENUP
Coal Branch
BROWN RD
APD 537 (46) E.R.C. UTIL. 72
APD 537 (63) C 73
APD 537 (43) R 71
APD 537 (32) E 72
APD 537 (42) E.R.C. UTIL. 72
APD 537 (54) C 73
APD 537 (36) R 70
APD 537 (31) E 67
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
KENTUCKY
Appalachian Corridor B1
Sheet 1 of 2
Aug 1, 2012
0
1
2 Miles


KENTUCKY
Appalachian Corridor B1
Sheet 2 of 2
Aug 1, 2012
N
0
1
2 Miles
OHIO
SOUTH SHORE
Ohio River
South Portsmouth
Fullerton
Legion Park
Siloam
Sunshine
Maloneton
Walsh
Edgington
GREENUP COUNTY
LEWIS COUNTY
Big Rocky Branch
Corridor B1
8S
3117
1043
3308
784
7
3116
B1 07.0.0
BMP 28.7
EMP 29.0
B1 06.0.0
BMP 26.85
EMP 28.76
B1 05.0.0
BMP 25.15
EMP 26.85
B1 04.0.0
BMP 22.42
EMP 25.15
B1 03.0.0
BMP 20.32
EMP 22.42
B1 02.0.0
BMP 17.72
EMP 20.32
B1 01.0.0
BMP 16.549
EMP 17.720
B 40.0.0
BMP 11.582
EMP 12.555
B 40.0.1
BMP 12.555
EMP 12.844
APD 537 (32) E 72
APD 537 (45) R 72
APD 537 (80) R 74
APD 537 (79) C 74
APD 537 (59) E.R.C. UTIL. 73
APD 537 (50) R 72
APD 537 (67) C 73
APD 537 (62) E.R.C. UTIL. 72
APD 537 (44) R 71
APD 537 (65) C 73
APD 537 (48) E.R.C. UTIL. 71
APD 537 (37) R 71
APD 537 (55) C 72
APD 537 (47) E.C. 72
APD 537 (43) R 71
APD 537 (63) C 73
APD 537 (46) E.R.C. UTIL. 72
APD 537 (31) E 67
APD 537 (36) R 70
APD 537 (54) C 73
APD 537 (42) E.R.C. UTIL. 72

2012 Appalachian Developement Highway System Cost Estimate
Table B - Design Classification and Cost Estimate by Estimate Sections with Corridor Totals

State: KY ADHS Corridor: F

Section ID	F01.0.0	F01.1.0	F02.0.0	F02.1.0	F03.0.0	F03.1.0
LRS Milepoint: Beginning/Ending	**0.000/0.500**	**0.500/1.000**	**1.000/1.719**	**1.719/3.500**	**3.500/4.300**	**4.300/9.100**
Status	**NP**	**NP**	**NP**	**Completed**	**Completed**	**Completed**
1. Finance Code	20	20	20	20	20	20
2. Section Length(Miles)	0.5	0.5	0.8	2	0.8	4.8
3. Class/Urban Code	R/0	R/0	U/2220	U/2220	R/0	R/0
4. Location:						
---- a. FIPS State/County/Congressional	21/013/05	21/013/05	21/013/05	21/013/05	21/013/05	21/013/05
---- b. HPMS Route/Subroute	000000025E/00	000000025E/00	000000025E/00	000000025E/00	000000025E/00	000000025E/00
---- c. HPMS Signed Route/Strip Map #	200000025E/F1	200000025E/F1	200000025E/F1	200000025E/F1	200000025E/F1	200000025E/F1
5. Estimate Section/NHS Designation	2/None	2/NHS	2/NHS	1/NHS	1/NHS	1/NHS
6. Design Speed(mph)	50	50	50	50	60	60
7. Traffic:						
---- a. ADT-Base Year (2010)	20,000	20,000	22,900	23,800	17,800	19,900
---- b. ADT-Year 2020	25,600	25,600	29,300	30,500	22,800	25,000
---- c. Design Year	2,007	2,007	2,007	1,990	1,990	1,990
---- d. ADT-Design Year	21,000	21,000	24,100	19,400	16,300	14,900
---- e. DHV-Design Year	2,310	2,310	2,650	1,940	1,630	1,490
---- f. % Truck Design Year(DHV)	8	7	5	10	12	12
---- g. % Truck Design Year(ADT)	12	10	7	15	18	18
---- h. Directional Distribution Factor	55	55	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	T/Partial	R1/Partial	R12/Partial	R2/Partial	R2/Partial	R2/Partial
11. Right-of-Way Width(ft), prevailing	200	250	110	220	350	370
12. Median Width(ft), prevailing	84	60	20	36	36	36
13. Status of Development(Figure 4)	np	np	np	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(8.00000000% 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**

2012 Appalachian Developement Highway System Cost Estimate
Table B - Design Classification and Cost Estimate by Estimate Sections with Corridor Totals

State: KY
ADHS Corridor: F

Section ID	F04.0.0	F05.0.0	F06.0.0	F07.0.0	F10.0.0	F10.1.0
LRS Milepoint: Beginning/Ending	**9.100/12.415**	**0.000/12.400**	**12.400/15.756**	**0.000/13.213**	**13.213/14.600**	**14.600/15.730**
Status	**Completed**	**NP**	**Completed**	**Completed**	**Completed**	**Completed**
1. Finance Code	20	20	20	20	20	20
2. Section Length(Miles)	3.1	12.4	3.4	13.2	1.3	1.4
3. Class/Urban Code	R/0	R/0	R/0	R/0	R/0	R/0
4. Location:						
---- *a. FIPS State/County/Congressional*	21/013/05	21/013/05	21/013/05	21/095/05	21/095/05	21/095/05
---- *b. HPMS Route/Subroute*	000000025E/00	0000000119/00	0000000119/00	0000000119/00	0000000119/00	0000000119/00
---- *c. HPMS Signed Route/Strip Map #*	200000025E/F2	2000000119/F2	2000000119/F2	0000000119/F3	2000000119/F3	2000000119/F3
5. Estimate Section/NHS Designation	1/NHS	2/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 (2010)*	18,200	9,000	8,800	9,700	12,100	8,100
---- *b. ADT-Year 2020*	22,800	11,300	11,000	12,200	15,200	10,400
---- *c. Design Year*	1,990	1,977	1,990	1,990	1,996	1,995
---- *d. ADT-Design Year*	19,800	4,600	5,700	5,700	8,900	6,900
---- *e. DHV-Design Year*	1,980	510	630	630	980	760
---- *f. % Truck Design Year(DHV)*	10	8	8	8	5	5
---- *g. % Truck Design Year(ADT)*	15	12	12	12	7	7
---- *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	2	2	2	4	2
10. Typical X-Section of Reference/Access Control	R2/Partial	R9a/Partial	R9a/Partial	R9a/Partial	R4/Partial	R10a/Partial
11. Right-of-Way Width(ft), prevailing	400	350	360	360	450	450
12. Median Width(ft), prevailing	36	0	0	0	20	0
13. Status of Development(Figure 4)	1a	np	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(8.00000000% 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**

2012 Appalachian Developement Highway System Cost Estimate
Table B - Design Classification and Cost Estimate by Estimate Sections with Corridor Totals

State: KY ADHS Corridor: F

Section ID	**F10.2.0**	**F11.0.0**	**F12.0.0**	**F13.0.0**	**F13.1.0**	**F13.2.0**
LRS Milepoint: Beginning/Ending	**15.730/19.400**	**19.400/22.800**	**22.800/25.400**	**25.400/30.802**	**30.802/33.600**	**33.600/34.783**
Status	**Completed**	**Completed**	**Completed**	**Completed**	**Completed**	**Completed**
1. Finance Code	20	20	20	20	20	20
2. Section Length(Miles)	3.3	3.5	2.8	5.4	2.8	1.3
3. Class/Urban Code	R/0	R/0	R/0	R/0	R/0	R/0
4. Location:						
---- *a. FIPS State/County/Congressional*	21/095/05	21/095/05	21/095/05	21/095/05	21/095/05	21/095/05
---- *b. HPMS Route/Subroute*	0000000119/00	0000000119/00	0000000119/00	0000000119/00	0000000119/00	0000000119/00
---- *c. HPMS Signed Route/Strip Map #*	2000000119/F3	2000000119/F4	2000000119/F4	2000000119/F4	2000000119/F5	2000000119/F5
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 (2010)*	5,200	4,700	4,600	4,600	4,400	8,000
---- *b. ADT-Year 2020*	6,700	6,100	6,000	6,000	5,700	10,200
---- *c. Design Year*	1,995	1,993	1,993	1,994	1,994	1,996
---- *d. ADT-Design Year*	5,100	4,400	4,000	4,400	4,000	5,700
---- *e. DHV-Design Year*	560	480	440	480	440	830
---- *f. % Truck Design Year(DHV)*	5	5	5	5	5	4
---- *g. % Truck Design Year(ADT)*	7	7	7	7	7	6
---- *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	2	2	2	2	2	4
10. Typical X-Section of Reference/Access Control	R10a/Partial	R10a/Partial	R10a/Partial	R10a/Partial	R10a/Partial	R4/Partial
11. Right-of-Way Width(ft), prevailing	300	300	250	250	250	350
12. Median Width(ft), prevailing	0	0	0	0	0	20
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(8.00000000% 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**

2012 Appalachian Developement Highway System Cost Estimate
Table B - Design Classification and Cost Estimate by Estimate Sections with Corridor Totals

State: KY ADHS Corridor: F

Section ID	F14.0.0	F15.0.0	F15.1.0	F15.2.0	F16.0.0	F16.1.0
LRS Milepoint: Beginning/Ending	**34.783/35.900**	**35.900/38.200**	**38.200/39.182**	**0.000/1.400**	**1.400/7.760**	**7.760/8.460**
Status	**Completed**	**Completed**	**Completed**	**Completed**	**Design/RoW**	**Design/RoW**
1. Finance Code	20	20	20	20	22	22
2. Section Length(Miles)	0.7	2.5	1	1.4	6.36	0.7
3. Class/Urban Code	R/0	R/0	R/0	R/0	R/0	R/0
4. Location:						
---- *a. FIPS State/County/Congressional*	21/095/05	21/095/05	21/095/05	21/133/05	21/133/05	21/133/05
---- *b. HPMS Route/Subroute*	0000000119/00	0000000119/00	0000119000/00	0000000119/00	0000119APD/00	0000119APD/00
---- *c. HPMS Signed Route/Strip Map #*	2000000119/F5	2000000119/F5	2000000119/F5	2000000119/F5	2000119APD/F5	2000119APD/F6
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 (2010)*	5,000	3,700	3,700	3,200	2,100	2,300
---- *b. ADT-Year 2020*	6,500	4,800	4,800	4,200	2,500	2,700
---- *c. Design Year*	1,999	2,010	2,010	2,010	2,026	2,026
---- *d. ADT-Design Year*	4,100	4,200	4,200	3,700	2,700	2,900
---- *e. DHV-Design Year*	450	460	460	410	300	340
---- *f. % Truck Design Year(DHV)*	5	4	5	5	11	11
---- *g. % Truck Design Year(ADT)*	7	5	7	7	17	17
---- *h. Directional Distribution Factor*	60	55	60	60	60	60
8. Number of Lanes to be Constructed this Estimate	0	0	0	0	2	3
9. Ultimate Number of Through Traffic Lanes	4	2	2	2	2	3
10. Typical X-Section of Reference/Access Control	R4/Partial	R9A/Partial	R9A/Partial	R9A/Partial	R9A/Partial	R9b/Partial
11. Right-of-Way Width(ft), prevailing	350	370	370	370	360	200
12. Median Width(ft), prevailing	20	0	0	0	0	0
13. Status of Development(Figure 4)	1a	1a	1a	1a	4a2	4a3

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	960
15. Right-of-Way:						
---- *a. Acquisition*	0	0	0	0	0	547
---- *b. Relocation*	0	0	0	0	0	197
16. Utility Adjustments	0	0	0	0	0	276
17. Erosion Control/Clear/Grade/Drain/Minor Structure	0	0	0	0	77,811	10,219
18. Subbase, Base, Surfacing, Shoulders	0	0	0	0	3,603	1,096
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	14,351	1,725
23. Traffic Control	0	0	0	0	1,422	29
24. Environmental Mitigation	0	0	0	0	2,000	200
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	4,452	588
27. Subtotal(lines 17 thru 26)	**0**	**0**	**0**	**0**	**103,639**	**13,857**
28. Construction Engineering(8.00000000% of line 27)	**0**	**0**	**0**	**0**	**8,291**	**1,109**
29. Total Cost of Construction(lines 27 & 28)	**0**	**0**	**0**	**0**	**111,930**	**14,966**
30. Total Estimated Cost(lines 14, 15, 16, 29 & 5% Contingency)	**0**	**0**	**0**	**0**	**117,527**	**17,793**

2012 Appalachian Developement Highway System Cost Estimate

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

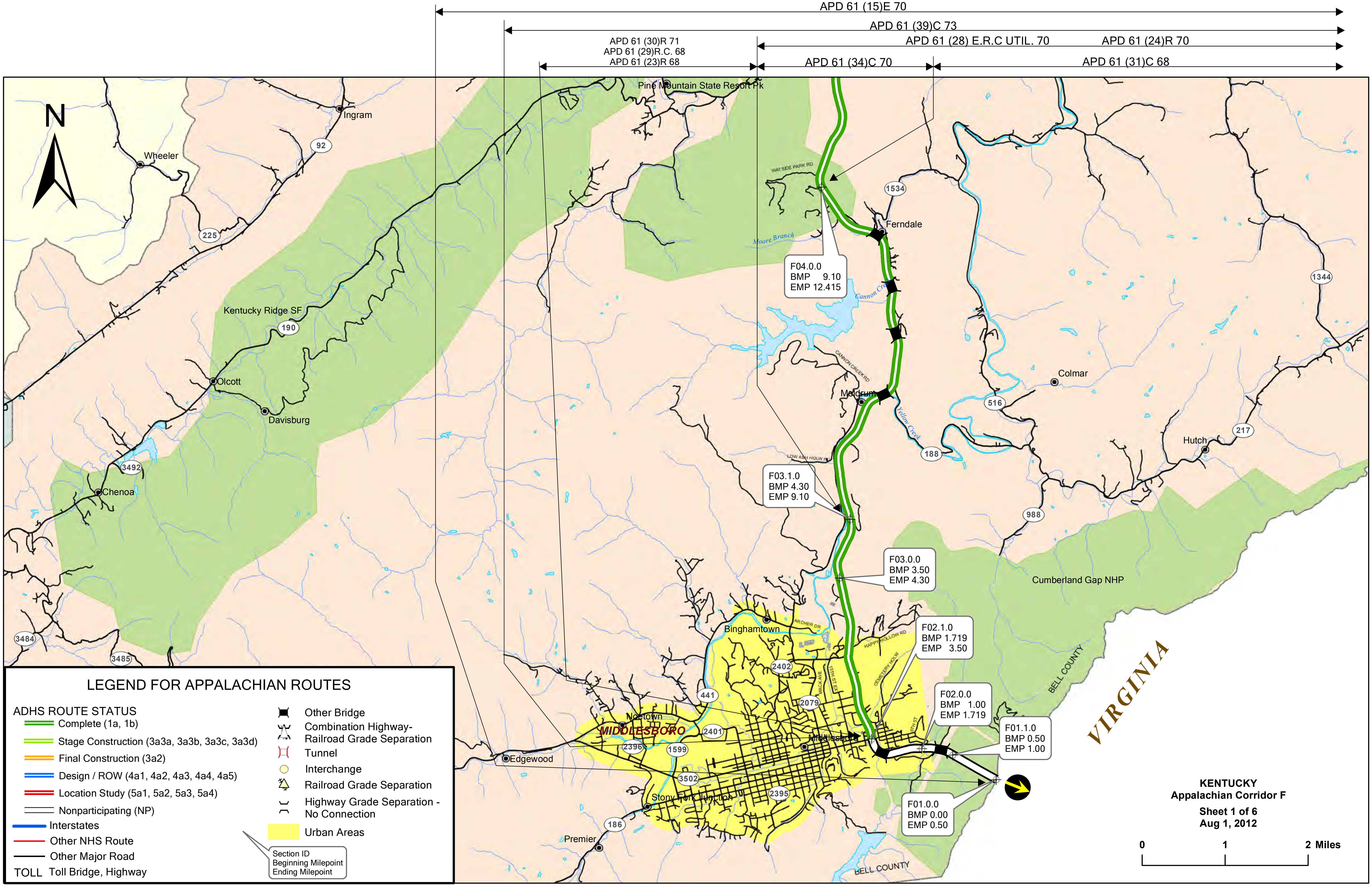
State: KY ADHS Corridor: F

Section ID	**F16.1.1**	**F16.1.2**	**F17.0.0**	**F18.0.0**	**F20.0.0**
LRS Milepoint: Beginning/Ending	**8.460/10.260**	**10.260/12.060**	**0.000/0.000**	**12.260/20.970**	**20.970/23.179**
Status	**Design/RoW**	**Design/RoW**	**Design/RoW**	**Completed**	**NP**
1. Finance Code	22	22	23	20	20
2. Section Length(Miles)	1.83	1.76	3.94	8.71	2.21
3. Class/Urban Code	R/0	R/0	R/0	R/0	R/0
4. Location:					
---- *a. FIPS State/County/Congressional*	21/133/05	21/133/05		21/133/05	21/133/05
---- *b. HPMS Route/Subroute*	0000119APD/00	0000119APD/00		0000000119/00	0000000119/00
---- *c. HPMS Signed Route/Strip Map #*	2000119APD/F6	2000119APD/F6		2000000119/F6	2000000119/F6
5. Estimate Section/NHS Designation	1/NHS	1/NHS	-/-	1/NHS	2/NHS
6. Design Speed(mph)	60	60	0	60	60
7. Traffic:					
---- *a. ADT-Base Year (2010)*	2,300	2,300		9,700	7,800
---- *b. ADT-Year 2020*	2,700	2,700		12,200	10,000
---- *c. Design Year*	2,026	2,026		1,990	1,980
---- *d. ADT-Design Year*	2,900	2,900		8,000	4,600
---- *e. DHV-Design Year*	340	340		880	510
---- *f. % Truck Design Year(DHV)*	11	11		6	6
---- *g. % Truck Design Year(ADT)*	17	17		9	9
---- *h. Directional Distribution Factor*	60	60		60	60
8. Number of Lanes to be Constructed this Estimate	2	3		0	0
9. Ultimate Number of Through Traffic Lanes	2	3		2	2
10. Typical X-Section of Reference/Access Control	T1/Partial	R9b/Partial		R10a/Partial	R9a/Partial
11. Right-of-Way Width(ft), prevailing	200	200		340	210
12. Median Width(ft), prevailing	0	0		0	0
13. Status of Development(Figure 4)	4a3	4a3	4a3 (Undesignated)	1a	np
Estimated Cost($1,000) per Work Classification					
14. Preliminary Engineering:					
---- *a. Location*	0	0	0	0	0
---- *b. Design*	2,580	2,460	0	0	0
15. Right-of-Way:					
---- *a. Acquisition*	1,148	1,725	0	0	0
---- *b. Relocation*	296	739	0	0	0
16. Utility Adjustments	414	1,035	0	0	0
17. Erosion Control/Clear/Grade/Drain/Minor Structure	0	26,221	0	0	0
18. Subbase, Base, Surfacing, Shoulders	2,458	2,904	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	206,056	10,235	0	0	0
23. Traffic Control	0	259	0	0	0
24. Environmental Mitigation	0	800	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	9,383	1,782	0	0	0
27. Subtotal(lines 17 thru 26)	**217,897**	**42,201**	**0**	**0**	**0**
28. Construction Engineering(8.00000000% of line 27)	**17,432**	**3,376**	**0**	**0**	**0**
29. Total Cost of Construction(lines 27 & 28)	**235,329**	**45,577**	**0**	**0**	**0**
30. Total Estimated Cost(lines 14, 15, 16, 29 & 5% Contingency)	**251,755**	**54,113**	**0**	**0**	**0**

2012 Appalachian Developement Highway System Cost Estimate
Table B - Design Classification and Cost Estimate by Estimate Sections with Corridor Totals

State: KY ADHS Corridor: F

Section ID **LRS Milepoint**	**Corridor Total**	**Rural Subtotal**	**Urban Subtotal**
1. Finance Code			
2. Section Length(Miles)	94.41	91.61	2.80
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 (2010)*			
---- *b. ADT-Year 2020*			
---- *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*			
---- *b. Design*	6,000	6,000	
15. Right-of-Way:			
---- *a. Acquisition*	3,420	3,420	
---- *b. Relocation*	1,232	1,232	
16. Utility Adjustments	1,725	1,725	
17. Erosion Control/Clear/Grade/Drain/Minor Structure	114,251	114,251	
18. Subbase, Base, Surfacing, Shoulders	10,061	10,061	
19. Railroad Grade Seperations			
20. Highway Grade Seperations without Ramps			
21. Interchanges			
22. Other Bridges, Tunnels, and Walls	232,367	232,367	
23. Traffic Control	1,710	1,710	
24. Environmental Mitigation	3,000	3,000	
25. Roadside Improvements:			
---- *a. Landscape Planting*			
---- *b. Rest Area, Overlooks*			
26. All Other Items	16,205	16,205	
27. Subtotal(lines 17 thru 26)	377,594	377,594	
28. Construction Engineering(8.00000000% of line 27)	30,208	30,208	
29. Total Cost of Construction(lines 27 & 28)	407,802	407,802	
30. Total Estimated Cost(lines 14, 15, 16, 29 & 5% Contingency)	441,187	441,187	



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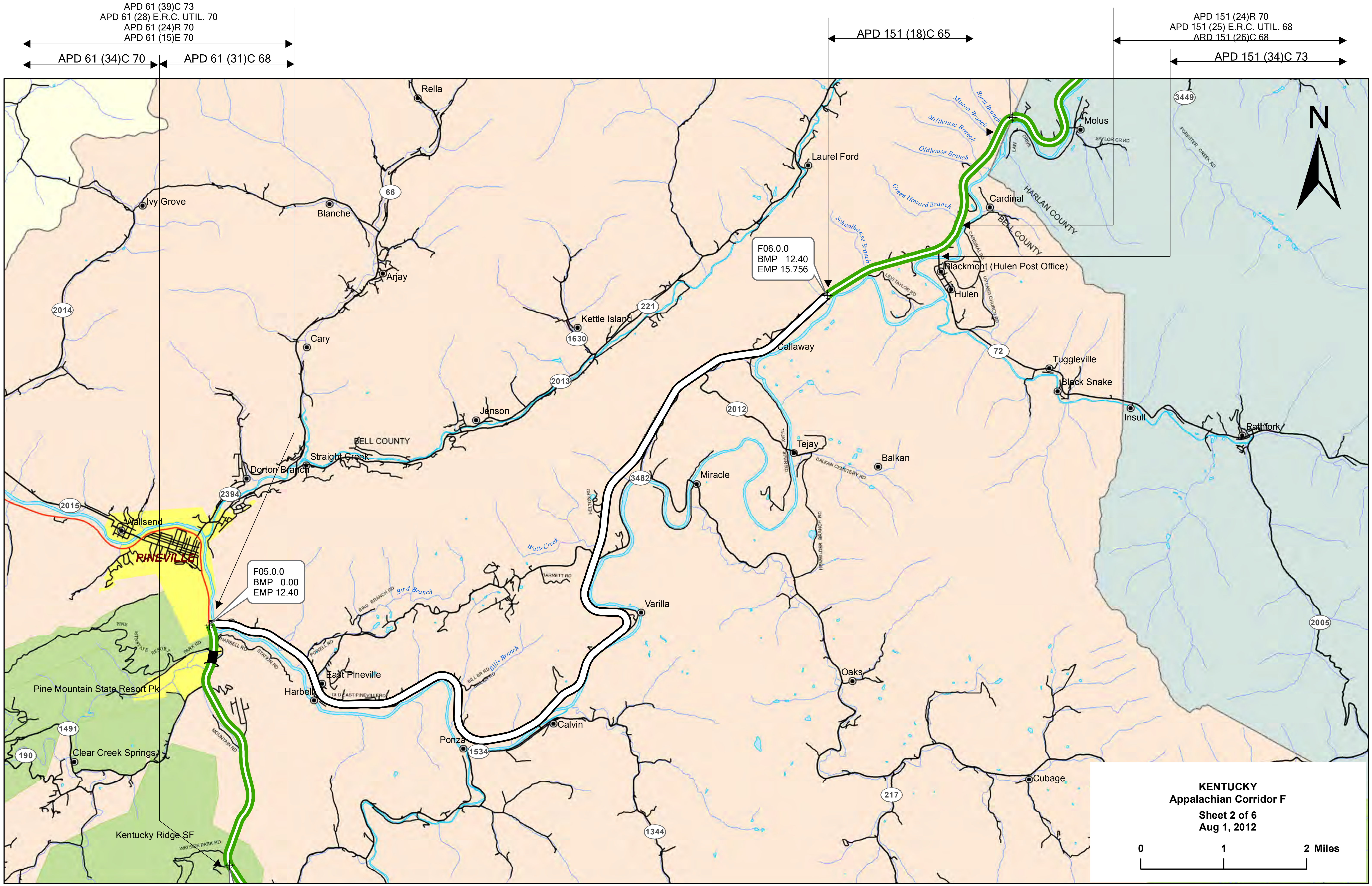
APD 61 (39)C 73
APD 61 (30)R 71
APD 61 (29)R.C. 68
APD 61 (23)R 68
APD 61 (28) E.R.C UTIL. 70
APD 61 (24)R 70
APD 61 (34)C 70
APD 61 (31)C 68
N
Pine Mountain State Resort Pk
Ingram
Wheeler
92
225
Kentucky Ridge SF
190
Olcott
Davisburg
3492
Chenoa
3484
3485
WATSIDE PARK RD
1534
Ferndale
Moore Branch
F04.0.0
BMP 9.10
EMP 12.415
Cannon Creek
CANNON CREEK RD
Meldrum
Yellow Creek
188
516
Colmar
1344
217
Hutch
LOW ASH HOLW RD
F03.1.0
BMP 4.30
EMP 9.10
988
F03.0.0
BMP 3.50
EMP 4.30
Cumberland Gap NHP
Binghamtown
ARCHER DR
HAPPY HOLLOW RD
CEMETERY HOLW
F02.1.0
BMP 1.719
EMP 3.50
2402
441
2079
F02.0.0
BMP 1.00
EMP 1.719
BELL COUNTY
VIRGINIA
Noetown
MIDDLESBORO
2401
2396
1599
Middlesboro
F01.1.0
BMP 0.50
EMP 1.00
Edgewood
3502
2395
Stony Fork Junction
F01.0.0
BMP 0.00
EMP 0.50
186
Premier
BELL COUNTY
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
KENTUCKY
Appalachian Corridor F
Sheet 1 of 6
Aug 1, 2012
0
1
2 Miles



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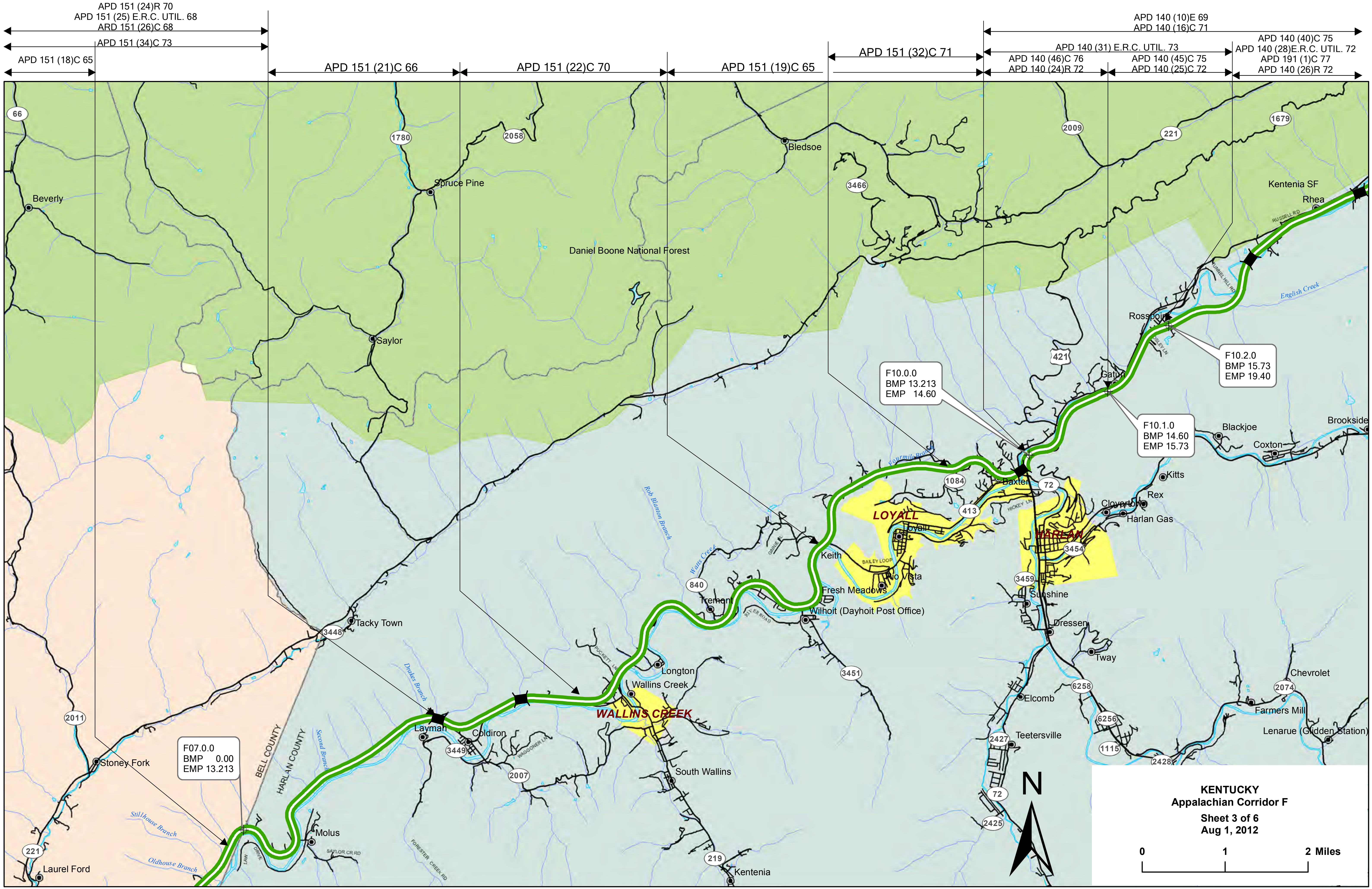
APD 61 (28) E.R.C. UTIL. 70
APD 61 (24)R 70
APD 61 (15)E 70
APD 61 (34)C 70
APD 61 (31)C 68
APD 151 (18)C 65
APD 151 (24)R 70
APD 151 (25) E.R.C. UTIL. 68
ARD 151 (26)C 68
APD 151 (34)C 73
N
F06.0.0
BMP 12.40
EMP 15.756
F05.0.0
BMP 0.00
EMP 12.40
Rella
Molus
Laurel Ford
Ivy Grove
Blanche
Cardinal
HARLAN COUNTY
BELL COUNTY
Blackmont (Hulen Post Office)
Arjay
Hulen
Kettle Island
Cary
Callaway
Tuggleville
Black Snake
Insull
Rathfork
Jenson
BELL COUNTY
Straight Creek
Tejay
Balkan
Dorton Branch
Miracle
Wallsend
PINEVILLE
Watts Creek
Bird Branch
Bills Branch
Varilla
East Pineville
Harbell
Oaks
Pine Mountain State Resort Pk
Calvin
Ponza
Clear Creek Springs
Cubage
Kentucky Ridge SF
Minton Branch
Burst Branch
Stillhouse Branch
Oldhouse Branch
Green Howard Branch
Schoolhouse Branch
3449
66
2014
221
1630
2013
72
2012
3482
2394
2015
2005
1491
190
1534
217
1344
KENTUCKY
Appalachian Corridor F
Sheet 2 of 6
Aug 1, 2012
0
1
2 Miles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ARD 151 (26)C 68
APD 151 (34)C 73
APD 151 (18)C 65
APD 151 (21)C 66
APD 151 (22)C 70
APD 151 (19)C 65
APD 151 (32)C 71
APD 140 (10)E 69
APD 140 (16)C 71
APD 140 (31) E.R.C. UTIL. 73
APD 140 (46)C 76
APD 140 (24)R 72
APD 140 (45)C 75
APD 140 (25)C 72
APD 140 (40)C 75
APD 140 (28)E.R.C. UTIL. 72
APD 191 (1)C 77
APD 140 (26)R 72
Daniel Boone National Forest
Beverly
Spruce Pine
Saylor
Bledsoe
Kentenia SF
Rhea
Rosspoint
Gatun
Blackjoe
Coxton
Brookside
Kitts
Rex
Clovertown
Harlan Gas
Baxter
LOYALL
Loyall
HARLAN
Keith
Rio Vista
Fresh Meadows
Wilhoit (Dayhoit Post Office)
Sunshine
Dressen
Tway
Tremont
Tacky Town
Longton
Wallins Creek
WALLINS CREEK
South Wallins
Layman
Coldiron
Molus
Kentenia
Elcomb
Teetersville
Chevrolet
Farmers Mill
Lenarue (Glidden Station)
Stoney Fork
Laurel Ford
BELL COUNTY
HARLAN COUNTY
F07.0.0
BMP 0.00
EMP 13.213
F10.0.0
BMP 13.213
EMP 14.60
F10.1.0
BMP 14.60
EMP 15.73
F10.2.0
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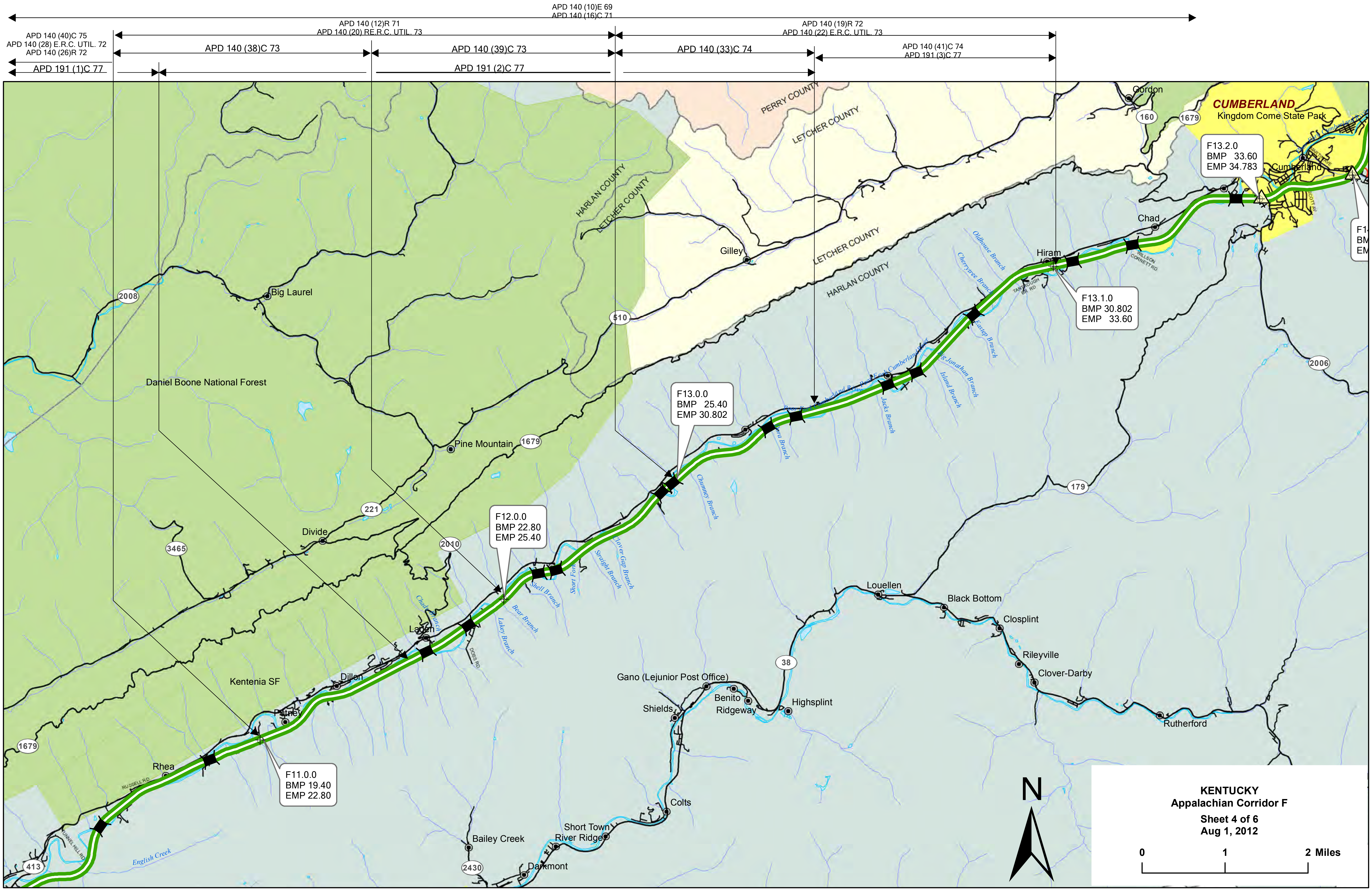
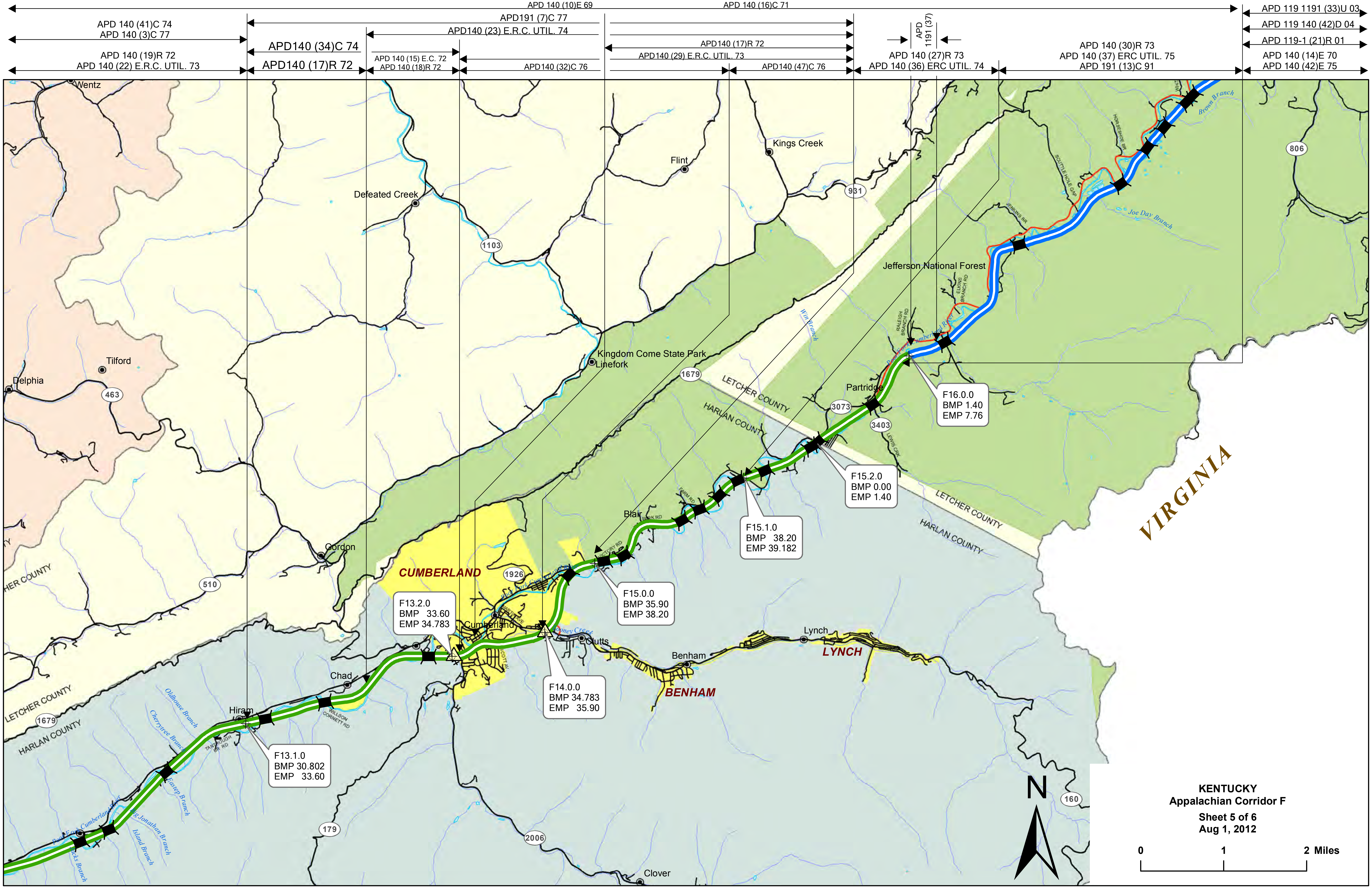
EMP 19.40
KENTUCKY
Appalachian Corridor F
Sheet 3 of 6
Aug 1, 2012
0
1
2 Miles
N



APD 140 (10)E 69
APD 140 (16)C 71
APD 140 (40)C 75
APD 140 (28) E.R.C. UTIL. 72
APD 140 (26)R 72
APD 191 (1)C 77
APD 140 (12)R 71
APD 140 (20) RE.R.C. UTIL. 73
APD 140 (38)C 73
APD 140 (39)C 73
APD 191 (2)C 77
APD 140 (19)R 72
APD 140 (22) E.R.C. UTIL. 73
APD 140 (33)C 74
APD 140 (41)C 74
APD 191 (3)C 77
PERRY COUNTY
LETCHER COUNTY
HARLAN COUNTY
CUMBERLAND
Kingdom Come State Park
Gordon
Cumberland
Chad
Hiram
Gilley
Big Laurel
Daniel Boone National Forest
Pine Mountain
Divide
Laden
Dillon
Kentenia SF
Putney
Rhea
Gano (Lejunior Post Office)
Benito
Ridgeway
Shields
Highsplint
Louellen
Black Bottom
Closplint
Rileyville
Clover-Darby
Rutherford
Colts
Short Town
River Ridge
Bailey Creek
Darkmont
English Creek
F11.0.0
BMP 19.40
EMP 22.80
F12.0.0
BMP 22.80
EMP 25.40
F13.0.0
BMP 25.40
EMP 30.802
F13.1.0
BMP 30.802
EMP 33.60
F13.2.0
BMP 33.60
EMP 34.783
160
1679
2008
510
221
2010
3465
38
179
2006
2430
413
KENTUCKY
Appalachian Corridor F
Sheet 4 of 6
Aug 1, 2012
0
1
2 Miles
N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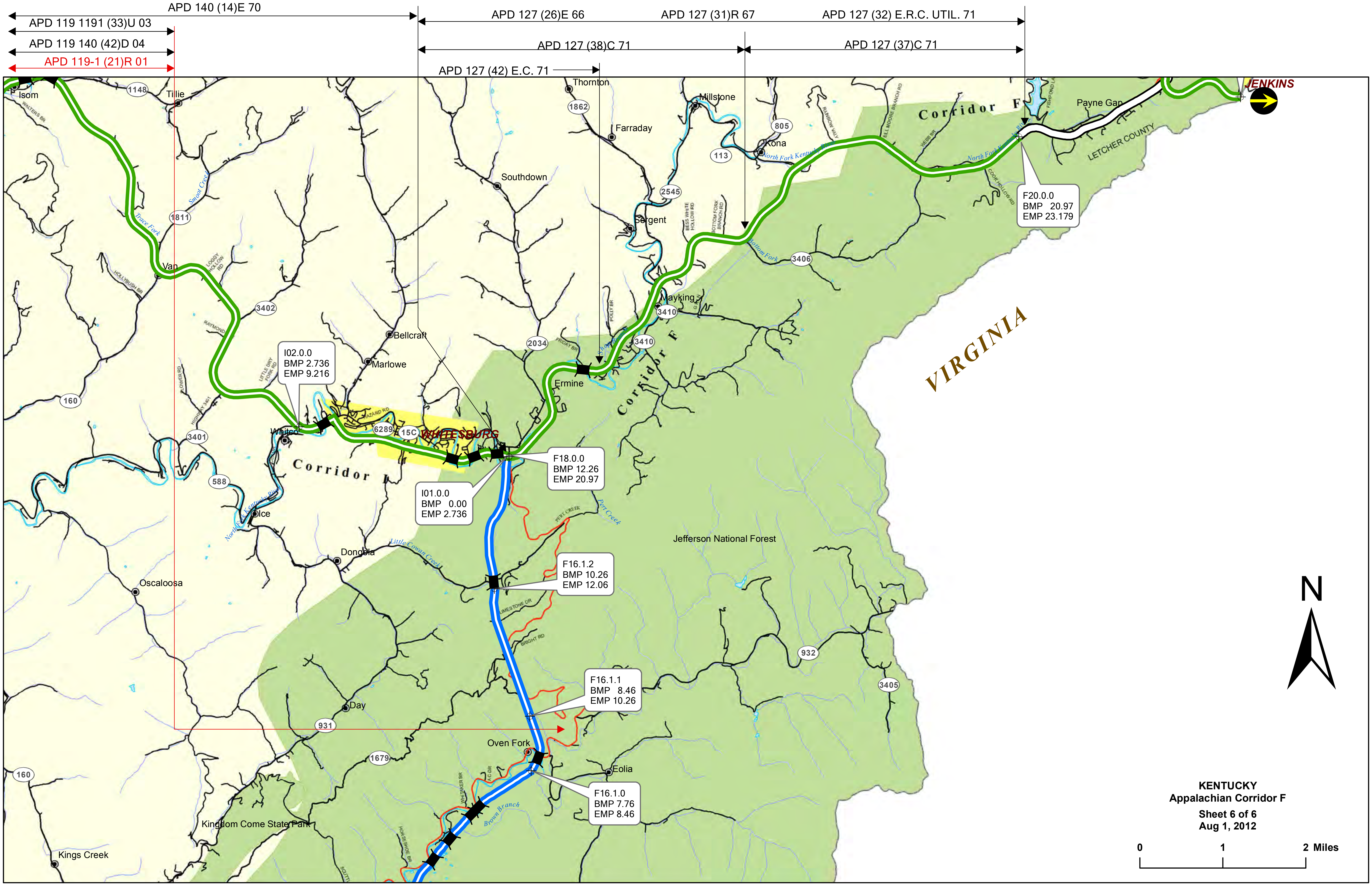
APD 140 (16)C 71
APD 119 1191 (33)U 03
APD 119 140 (42)D 04
APD 119-1 (21)R 01
APD 140 (14)E 70
APD 140 (42)E 75
APD 140 (41)C 74
APD 140 (3)C 77
APD 140 (19)R 72
APD 140 (22) E.R.C. UTIL. 73
APD191 (7)C 77
APD140 (23) E.R.C. UTIL. 74
APD140 (34)C 74
APD140 (17)R 72
APD 140 (15) E.C. 72
APD 140 (18)R 72
APD140 (32)C 76
APD140 (17)R 72
APD140 (29) E.R.C. UTIL. 73
APD 140 (47)C 76
APD 1191 (37)
APD 140 (27)R 73
APD 140 (36) ERC UTIL. 74
APD 140 (30)R 73
APD 140 (37) ERC UTIL. 75
APD 191 (13)C 91
Wentz
Kings Creek
Flint
Defeated Creek
Tilford
Delphia
Gordon
Kingdom Come State Park
Linefork
Jefferson National Forest
Partridge
Blair
CUMBERLAND
Cumberland
Clutts
Benham
BENHAM
Lynch
LYNCH
Chad
Hiram
Clover
LETCHER COUNTY
HARLAN COUNTY
VIRGINIA
Brown Branch
Joe Day Branch
Oldhouse Branch
Cherrytree Branch
Eastep Branch
Big Jonathan Branch
Island Branch
Poor Fork Cumberland River
Looney Creek
Win Branch
806
931
1103
1679
463
510
1926
3073
3403
179
2006
160
F13.1.0
BMP 30.802
EMP 33.60
F13.2.0
BMP 33.60
EMP 34.783
F14.0.0
BMP 34.783
EMP 35.90
F15.0.0
BMP 35.90
EMP 38.20
F15.1.0
BMP 38.20
EMP 39.182
F15.2.0
BMP 0.00
EMP 1.40
F16.0.0
BMP 1.40
EMP 7.76
N
KENTUCKY
Appalachian Corridor F
Sheet 5 of 6
Aug 1, 2012
0
1
2 Miles


APD 140 (14)E 70
APD 119 1191 (33)U 03
APD 119 140 (42)D 04
APD 119-1 (21)R 01
APD 127 (26)E 66
APD 127 (31)R 67
APD 127 (32) E.R.C. UTIL. 71
APD 127 (38)C 71
APD 127 (37)C 71
APD 127 (42) E.C. 71
JENKINS
Isom
Tillie
Thornton
Millstone
Farraday
Kona
Payne Gap
Corridor F
LETCHER COUNTY
Southdown
Sergent
Van
Trace Fork
Smoot Creek
North Fork Kentucky River
F20.0.0
BMP 20.97
EMP 23.179
Bottom Fork
Mayking
Bellcraft
Marlowe
I02.0.0
BMP 2.736
EMP 9.216
Ermine
VIRGINIA
Whitco
WHITESBURG
Corridor F
F18.0.0
BMP 12.26
EMP 20.97
I01.0.0
BMP 0.00
EMP 2.736
Ice
Pert Creek
Jefferson National Forest
Dongola
Little Cowan Creek
F16.1.2
BMP 10.26
EMP 12.06
Oscaloosa
N
F16.1.1
BMP 8.46
EMP 10.26
Day
Oven Fork
Eolia
F16.1.0
BMP 7.76
EMP 8.46
Brown Branch
Kingdom Come State Park
Kings Creek
1148
1862
805
113
2545
1811
3406
3402
3410
2034
160
3401
6289
15C
588
932
3405
931
1679
KENTUCKY
Appalachian Corridor F
Sheet 6 of 6
Aug 1, 2012
0
1
2 Miles

2012 Appalachian Developement Highway System Cost Estimate
Table B - Design Classification and Cost Estimate by Estimate Sections with Corridor Totals

State: KY ADHS Corridor: G

Section ID	G01.0.0	G01.1.0	G02.0.0	G02.1.0	G03.1.0	G03.2.0
LRS Milepoint: Beginning/Ending	**0.000/2.672**	**2.672/3.600**	**3.600/10.300**	**10.300/12.300**	**12.300/13.800**	**13.800/14.800**
Status	**Completed**	**Completed**	**Completed**	**Completed**	**Completed**	**Completed**
1. Finance Code	20	20	20	20	20	20
2. Section Length(Miles)	2.7	0.9	5.6	1.7	1.5	1
3. Class/Urban Code	R/0	R/0	R/0	R/0	R/0	R/0
4. Location:						
---- *a. FIPS State/County/Congressional*	21/195/05	21/195/05	21/195/05	21/195/05	21/195/05	21/195/05
---- *b. HPMS Route/Subroute*	0000000119/00	0000000119/00	0000119APD/00	0000119APD/00	0000000119/00	0000000119/00
---- *c. HPMS Signed Route/Strip Map #*	2000000119/G1	2000000119/G1	2000119APD/G1	200119APD/G1	2000000119/G1	2000000119/G2
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 (2010)*	11,900	16,000	10,500	8,500	8,500	8,500
---- *b. ADT-Year 2020*	15,800	21,100	14,100	11,800	11,800	11,800
---- *c. Design Year*	2,000	2,000	2,021	2,021	2,021	2,021
---- *d. ADT-Design Year*	7,400	13,800	16,800	14,300	14,300	14,300
---- *e. DHV-Design Year*	810	1,520	1,850	1,570	1,570	1,570
---- *f. % Truck Design Year(DHV)*	7	7	12	12	29	23
---- *g. % Truck Design Year(ADT)*	10	11	18	18	19	15
---- *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	R4/Partial	R4/Partial	R14/Partial	R14/Partial	R4/Partial	R4/Partial
11. Right-of-Way Width(ft), prevailing	220	320	420	420	420	420
12. Median Width(ft), prevailing	20	20	40	40	20	20
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(8.00000000% 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**

2012 Appalachian Developement Highway System Cost Estimate
Table B - Design Classification and Cost Estimate by Estimate Sections with Corridor Totals

State: KY　　ADHS Corridor: G

Section ID	G03.3.0	G04.0.0	G04.1.0	G05.0.0	G05.1.0	G06.0.0
LRS Milepoint: Beginning/Ending	**14.800/15.400**	**15.400/20.000**	**20.000/22.815**	**22.815/24.100**	**24.100/26.590**	**26.590/27.620**
Status	**Completed**	**Completed**	**Completed**	**Completed**	**Completed**	**Completed**
1. Finance Code	20	20	20	20	20	20
2. Section Length(Miles)	0.6	2.7	2.6	1.8	1.9	1.9
3. Class/Urban Code	R/0	R/0	R/0	R/0	R/0	R/0
4. Location:						
---- *a. FIPS State/County/Congressional*	21/195/05	21/195/05	21/195/05	21/195/05	21/195/05	21/195/05
---- *b. HPMS Route/Subroute*	0000000119/00	0000119APD/00	0000000119/00	0000000119/00	0000000119/00	0000000119/00
---- *c. HPMS Signed Route/Strip Map #*	2000000119/G2	2000119APD/G2	2000000119/G2	2000000119/G2	2000000119/G2	2000000119/G2
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	50
7. Traffic:						
---- *a. ADT-Base Year (2010)*	8,500	8,500	8,600	10,400	15,100	17,400
---- *b. ADT-Year 2020*	11,800	11,800	11,900	14,000	19,900	22,700
---- *c. Design Year*	2,021	2,021	2,021	1,994	1,996	1,997
---- *d. ADT-Design Year*	14,300	14,300	14,500	15,100	8,800	14,000
---- *e. DHV-Design Year*	1,570	1,570	1,600	19,900	940	1,540
---- *f. % Truck Design Year(DHV)*	23	14	14	7	7	5
---- *g. % Truck Design Year(ADT)*	15	9	9	10	10	8
---- *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	R13/Partial	R13/Partial	R13/Partial	R4/Partial	R4/Partial	R4/Partial
11. Right-of-Way Width(ft), prevailing	420	360	480	360	360	400
12. Median Width(ft), prevailing	14	16	16	20	20	20
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(8.00000000% 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**

2012 Appalachian Developement Highway System Cost Estimate

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

State: KY ADHS Corridor: G

Section ID	G06.1.0	G07.0.0	G08.0.0	G09.0.0
LRS Milepoint: Beginning/Ending	**27.620/28.420**	**28.420/28.760**	**28.760/28.960**	**28.960/29.660**
Status	**Completed**	**Completed**	**Completed**	**Completed**
1. Finance Code	20	20	20	20
2. Section Length(Miles)	0.8	0.3	0.2	0.7
3. Class/Urban Code	U/3140	U/3140	R/0	R/0
4. Location:				
---- *a. FIPS State/County/Congressional*	21/195/05	21/195/05	21/195/05	21/195/05
---- *b. HPMS Route/Subroute*	0000000119/00	0000000119/00	0000119APD/00	0000119APD/00
---- *c. HPMS Signed Route/Strip Map #*	2000000119/G2	2000000119/G2	2000119APD/G2	2000119APD/G2
5. Estimate Section/NHS Designation	1/NHS	1/NHS	1/NHS	1/NHS
6. Design Speed(mph)	50	50	60	60
7. Traffic:				
---- *a. ADT-Base Year (2010)*	21,900	19,800	12,000	10,000
---- *b. ADT-Year 2020*	28,300	25,600	16,000	13,400
---- *c. Design Year*	1,997	2,021	2,021	2,021
---- *d. ADT-Design Year*	19,400	29,900	19,000	16,000
---- *e. DHV-Design Year*	2,180	3,290	2,090	1,760
---- *f. % Truck Design Year(DHV)*	5	7	7	7
---- *g. % Truck Design Year(ADT)*	8	10	10	10
---- *h. Directional Distribution Factor*	60	65	60	60
8. Number of Lanes to be Constructed this Estimate	0	0	0	0
9. Ultimate Number of Through Traffic Lanes	4	4	4	4
10. Typical X-Section of Reference/Access Control	R5/Partial	R4/Partial	R4/Partial	R4/Partial
11. Right-of-Way Width(ft), prevailing	280	550	200	300
12. Median Width(ft), prevailing	20	20	18	18
13. Status of Development(Figure 4)	1a	1a	1a	1a

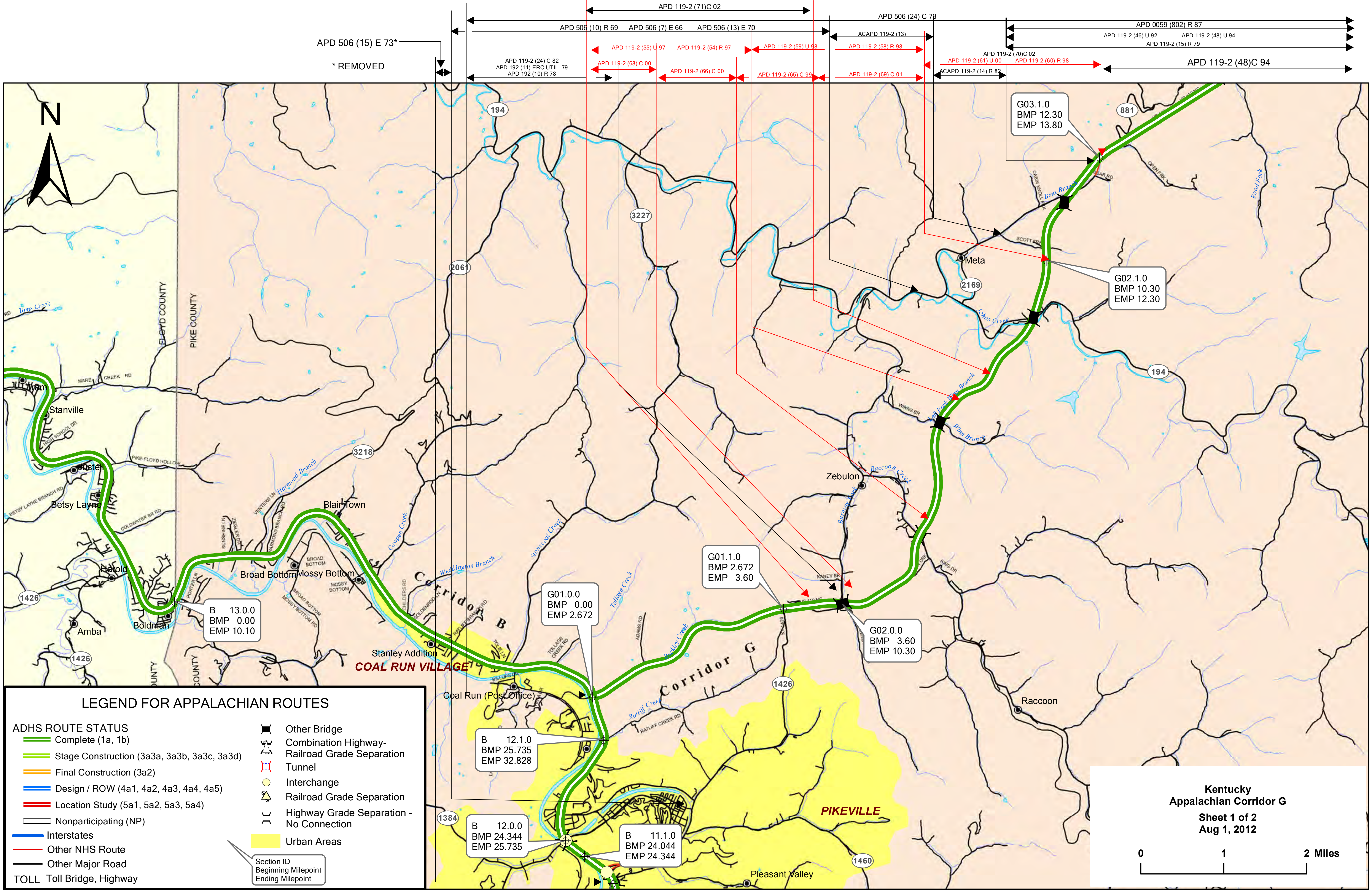
Estimated Cost($1,000) per Work Classification

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	0	0	0
18. Subbase, Base, Surfacing, Shoulders	0	0	0	0
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	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	0	0	0
27. Subtotal(lines 17 thru 26)	**0**	**0**	**0**	**0**
28. Construction Engineering(8.00000000% of line 27)	**0**	**0**	**0**	**0**
29. Total Cost of Construction(lines 27 & 28)	**0**	**0**	**0**	**0**
30. Total Estimated Cost(lines 14, 15, 16, 29 & 5% Contingency)	**0**	**0**	**0**	**0**

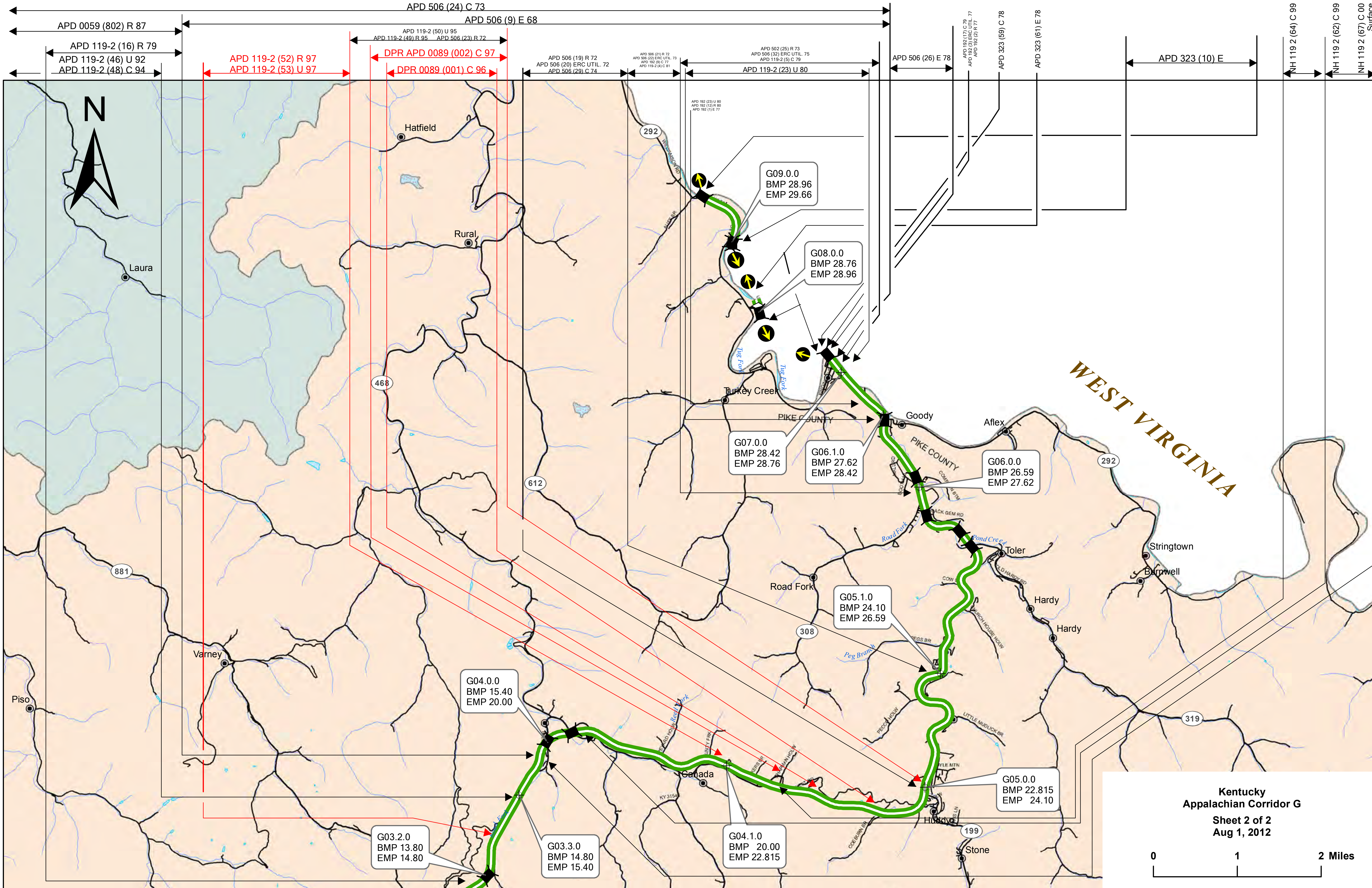
2012 Appalachian Developement Highway System Cost Estimate
Table B - Design Classification and Cost Estimate by Estimate Sections with Corridor Totals

State: KY | ADHS Corridor: G

Section ID / **LRS Milepoint**	**Corridor Total**	**Rural Subtotal**	**Urban Subtotal**
1. Finance Code			
2. Section Length(Miles)	26.90	25.80	1.10
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 (2010)*			
---- *b. ADT-Year 2020*			
---- *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*			
---- *b. Design*			
15. Right-of-Way:			
---- *a. Acquisition*			
---- *b. Relocation*			
16. Utility Adjustments			
17. Erosion Control/Clear/Grade/Drain/Minor Structure			
18. Subbase, Base, Surfacing, Shoulders			
19. Railroad Grade Seperations			
20. Highway Grade Seperations without Ramps			
21. Interchanges			
22. Other Bridges, Tunnels, and Walls			
23. Traffic Control			
24. Environmental Mitigation			
25. Roadside Improvements:			
---- *a. Landscape Planting*			
---- *b. Rest Area, Overlooks*			
26. All Other Items			
27. Subtotal(lines 17 thru 26)			
28. Construction Engineering(8.00000000% of line 27)			
29. Total Cost of Construction(lines 27 & 28)			
30. Total Estimated Cost(lines 14, 15, 16, 29 & 5% Contingency)			



APD 119-2 (71)C 02
APD 506 (24) C 73
APD 506 (15) E 73*
* REMOVED
APD 506 (10) R 69
APD 506 (7) E 66
APD 506 (13) E 70
APD 0059 (802) R 87
ACAPD 119-2 (13)
APD 119-2 (15) R 79
APD 119-2 (55) U 97
APD 119-2 (54) R 97
APD 119-2 (59) U 98
APD 119-2 (58) R 98
APD 119-2 (70)C 02
APD 119-2 (24) C 82
APD 192 (11) ERC UTIL. 79
APD 192 (10) R 78
APD 119-2 (68) C 00
APD 119-2 (66) C 00
APD 119-2 (65) C 99
APD 119-2 (69) C 01
APD 119-2 (61) U 00
APD 119-2 (60) R 98
ACAPD 119-2 (14) R 82
APD 119-2 (48)C 94
N
G03.1.0
BMP 12.30
EMP 13.80
G02.1.0
BMP 10.30
EMP 12.30
G01.1.0
BMP 2.672
EMP 3.60
G01.0.0
BMP 0.00
EMP 2.672
G02.0.0
BMP 3.60
EMP 10.30
B 13.0.0
BMP 0.00
EMP 10.10
B 12.1.0
BMP 25.735
EMP 32.828
B 12.0.0
BMP 24.344
EMP 25.735
B 11.1.0
BMP 24.044
EMP 24.344
FLOYD COUNTY
PIKE COUNTY
Stanville
Betsy Layne
Harold
Amba
Boldman
Blair Town
Broad Bottom
Mossy Bottom
Stanley Addition
COAL RUN VILLAGE
Coal Run (Post Office)
Zebulon
Meta
Raccoon
PIKEVILLE
Pleasant Valley
Corridor B
Corridor G
194
881
3227
2061
2169
3218
1426
1384
1460
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
Kentucky
Appalachian Corridor G
Sheet 1 of 2
Aug 1, 2012
0
1
2 Miles


APD 506 (24) C 73
APD 0059 (802) R 87
APD 506 (9) E 68
APD 119-2 (16) R 79
APD 119-2 (46) U 92
APD 119-2 (48) C 94
APD 119-2 (52) R 97
APD 119-2 (53) U 97
APD 119-2 (50) U 95
APD 119-2 (49) R 95
APD 506 (23) R 72
DPR APD 0089 (002) C 97
DPR 0089 (001) C 96
APD 506 (19) R 72
APD 506 (20) ERC UTIL. 72
APD 506 (29) C 74
APD 502 (25) R 73
APD 506 (32) ERC UTIL. 75
APD 119-2 (5) C 79
APD 119-2 (23) U 80
APD 506 (26) E 78
APD 323 (59) C 78
APD 323 (61) E 78
APD 323 (10) E
NH 119 2 (64) C 99
NH 119 2 (62) C 99
NH 119 2 (67) C 00
Surface
N
Hatfield
Rural
Laura
292
G09.0.0
BMP 28.96
EMP 29.66
G08.0.0
BMP 28.76
EMP 28.96
Turkey Creek
PIKE COUNTY
Goody
Aflex
G07.0.0
BMP 28.42
EMP 28.76
G06.1.0
BMP 27.62
EMP 28.42
G06.0.0
BMP 26.59
EMP 27.62
WEST VIRGINIA
468
612
Toler
Stringtown
Burnwell
Road Fork
881
G05.1.0
BMP 24.10
EMP 26.59
Hardy
Hardy
308
Varney
Piso
G04.0.0
BMP 15.40
EMP 20.00
319
Canada
G05.0.0
BMP 22.815
EMP 24.10
Hurley
199
Stone
G03.2.0
BMP 13.80
EMP 14.80
G03.3.0
BMP 14.80
EMP 15.40
G04.1.0
BMP 20.00
EMP 22.815
Kentucky
Appalachian Corridor G
Sheet 2 of 2
Aug 1, 2012
0
1
2 Miles

2012 Appalachian Developement Highway System Cost Estimate
Table B - Design Classification and Cost Estimate by Estimate Sections with Corridor Totals

State: KY ADHS Corridor: I

Section ID	I01.0.0	I02.0.0	I02.1.0	I02.2.0	I03.0.0	I05.0.0
LRS Milepoint: Beginning/Ending	**0.000/2.736**	**2.736/9.216**	**13.497/14.157**	**9.216/10.675**	**0.000/2.770**	**2.770/9.380**
Status	**Completed**	**Completed**	**Completed**	**Completed**	**Completed**	**Completed**
1. Finance Code	20	20	20	20	20	20
2. Section Length(Miles)	2.3	6.1	0.7	1.5	3.4	6.3
3. Class/Urban Code	R/0	R/0	R/0	R/0	R/0	R/0
4. Location:						
---- *a. FIPS State/County/Congressional*	21/133/05	21/133/05	21/133/05	21/133/05	21/119/05	21/119/05
---- *b. HPMS Route/Subroute*	0000000015/00	0000000015/00	0000000007/00	0000000015/00	0000000015/00	0000000015/00
---- *c. HPMS Signed Route/Strip Map #*	3000000015/I1	3000000015/I1	3000000007/I1	3000000015/I1	3000000015/I1	3000000015/I1
5. Estimate Section/NHS Designation	1/NHS	1/NHS	1/NHS	1/NHS	1/NHS	1/NHS
6. Design Speed(mph)	50	60	60	60	60	60
7. Traffic:						
---- *a. ADT-Base Year (2010)*	14,400	11,900	11,600	7,500	7,500	7,200
---- *b. ADT-Year 2020*	18,800	16,000	15,600	10,400	10,400	10,000
---- *c. Design Year*	1,998	1,982	1,982	1,985	1,985	1,985
---- *d. ADT-Design Year*	8,600	5,900	5,900	6,400	6,400	6,400
---- *e. DHV-Design Year*	860	590	590	640	640	640
---- *f. % Truck Design Year(DHV)*	6	7	7	7	7	7
---- *g. % Truck Design Year(ADT)*	9	10	10	10	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	2	2	2	2	2	2
10. Typical X-Section of Reference/Access Control	R10a/Partial	R10a/Partial	R10a/None	R10a/Partial	R10a/Partial	R10a/Partial
11. Right-of-Way Width(ft), prevailing	450	230	230	230	230	230
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(8.00000000% 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**

2012 Appalachian Developement Highway System Cost Estimate
Table B - Design Classification and Cost Estimate by Estimate Sections with Corridor Totals

State: KY ADHS Corridor: I

Section ID	I06.0.0	I06.1.0	I07.0.0	I07.1.0	I08.0.0	I08.1.0
LRS Milepoint: Beginning/Ending	**0.000/2.700**	**2.700/6.225**	**6.225/8.956**	**8.956/11.119**	**11.119/12.392**	**12.392/13.269**
Status	**Completed**	**Completed**	**Completed**	**Completed**	**Completed**	**Completed**
1. Finance Code	20	20	20	20	20	20
2. Section Length(Miles)	3.3	3.3	2.7	2.2	1.2	0.9
3. Class/Urban Code	R/0	R/0	R/0	U/1470	U/1470	U/1470
4. Location:						
---- *a. FIPS State/County/Congressional*	21/193/05	21/193/05	21/193/05	21/193/05	21/193/05	21/193/05
---- *b. HPMS Route/Subroute*	0000000015/00	0000000015/00	0000000015/00	0000000015/00	0000000015/00	0000000015/00
---- *c. HPMS Signed Route/Strip Map #*	3000000015/I2	3000000015/I2	3000000015/I2	3000000015/I2	3000000015/I2	3000000015/I2
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 (2010)*	9,600	9,600	11,500	13,500	17,500	23,400
---- *b. ADT-Year 2020*	13,200	13,200	15,500	17,800	22,600	30,000
---- *c. Design Year*	1,990	1,990	1,990	1,997	1,997	1,997
---- *d. ADT-Design Year*	8,000	6,900	10,200	13,700	10,500	13,000
---- *e. DHV-Design Year*	800	690	1,020	1,370	1,050	1,300
---- *f. % Truck Design Year(DHV)*	7	7	10	10	10	10
---- *g. % Truck Design Year(ADT)*	10	10	15	15	15	15
---- *h. Directional Distribution Factor*	60	60	60	60	55	55
8. Number of Lanes to be Constructed this Estimate	0	0	0	0	0	0
9. Ultimate Number of Through Traffic Lanes	2	4	4	4	4	4
10. Typical X-Section of Reference/Access Control	R10a/None	R6/None	R6/None	R6/None	R6/Partial	R6/Partial
11. Right-of-Way Width(ft), prevailing	230	260	260	260	400	400
12. Median Width(ft), prevailing	0	8	8	8	20	20
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(8.00000000% 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**

2012 Appalachian Developement Highway System Cost Estimate

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

State: KY

ADHS Corridor: I

Section ID	I09.0.0	I10.0.0	I11.0.0	I16.0.0	I17.0.0	I17.1.0
LRS Milepoint: Beginning/Ending	**13.269/13.786**	**13.786/25.179**	**0.000/14.866**	**14.866/27.505**	**0.000/9.515**	**0.000/1.236**
Status	**NP**	**Completed**	**Completed**	**NP**	**NP**	**NP**
1. Finance Code	20	20	20	20	20	20
2. Section Length(Miles)	0.6	11	15	12.5	9.6	1
3. Class/Urban Code	R/0	R/0	R/0	R/0	R/0	R/0
4. Location:						
---- a. FIPS State/County/Congressional	21/193/05	21/193/05	21/025/05	21/025/05	21/237/05	21/237/05
---- b. HPMS Route/Subroute	0000000015/00	0000000015/00	0000000015/00	0000000015/00	0000000015/00	000000015S/00
---- c. HPMS Signed Route/Strip Map #	3000000015/I2	3000000015/I2	3000000015/I3	3000000015/I4	3000000015/I5	340000015S/I6
5. Estimate Section/NHS Designation	2/NHS	1/NHS	1/NHS	2/NHS	2/NHS	2/NHS
6. Design Speed(mph)	60	60	60	60	60	60
7. Traffic:						
---- a. ADT-Base Year (2010)	27,700	17,900	7,800	19,600	5,300	7,100
---- b. ADT-Year 2020	35,500	23,100	10,800	11,100	7,700	9,800
---- c. Design Year	1,980	1,990	1,980	1,980	1,980	1,980
---- d. ADT-Design Year	13,800	7,300	4,800	4,800	4,800	4,800
---- e. DHV-Design Year	1,380	730	480	25,100	480	480
---- f. % Truck Design Year(DHV)	7	13	11	11	11	11
---- g. % Truck Design Year(ADT)	10	19	16	16	16	16
---- h. Directional Distribution Factor	55	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	2	2	2	2	2
10. Typical X-Section of Reference/Access Control	R3/None	R9a/None	R9a/None	R9a/None	R9a/None	R9a/None
11. Right-of-Way Width(ft), prevailing	400	270	250	250	250	250
12. Median Width(ft), prevailing	4	0	0	0	0	0
13. Status of Development(Figure 4)	np	1a	1a	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(8.00000000% 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**

2012 Appalachian Developement Highway System Cost Estimate
Table B - Design Classification and Cost Estimate by Estimate Sections with Corridor Totals

State: KY ADHS Corridor: I

Section ID	**I18.0.0**	**I18.1.0**	**I18.2.0**
LRS Milepoint: Beginning/Ending	**36.000/42.696**	**11.913/36.000**	**0.000/11.913**
Status	**NP**	**NP**	**NP**
1. Finance Code	20	20	20
2. Section Length(Miles)	6.8	23.9	11.9
3. Class/Urban Code	R/0	R/0	R/0
4. Location:			
---- *a. FIPS State/County/Congressional*	21/237/05	21/197/06	21/049/06
---- *b. HPMS Route/Subroute*	0000009000/00	0000009000/00	0000009000/00
---- *c. HPMS Signed Route/Strip Map #*	3000009000/I6	3000009000/I6	3000009000/I8
5. Estimate Section/NHS Designation	2/NHS	2/NHS	2/NHS
6. Design Speed(mph)	60	60	60
7. Traffic:			
---- *a. ADT-Base Year (2010)*	7,100	12,200	12,400
---- *b. ADT-Year 2020*	9,800	16,200	16,500
---- *c. Design Year*	1,980	1,980	1,980
---- *d. ADT-Design Year*	6,000	6,000	6,000
---- *e. DHV-Design Year*	600	600	600
---- *f. % Truck Design Year(DHV)*	10	10	10
---- *g. % Truck Design Year(ADT)*	15	15	15
---- *h. Directional Distribution Factor*	60	60	60
8. Number of Lanes to be Constructed this Estimate	0	0	0
9. Ultimate Number of Through Traffic Lanes	4	4	4
10. Typical X-Section of Reference/Access Control	R1/Full	R1/Full	R1/Full
11. Right-of-Way Width(ft), prevailing	270	270	270
12. Median Width(ft), prevailing	36	36	36
13. Status of Development(Figure 4)	np	np	np

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(8.00000000% 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**

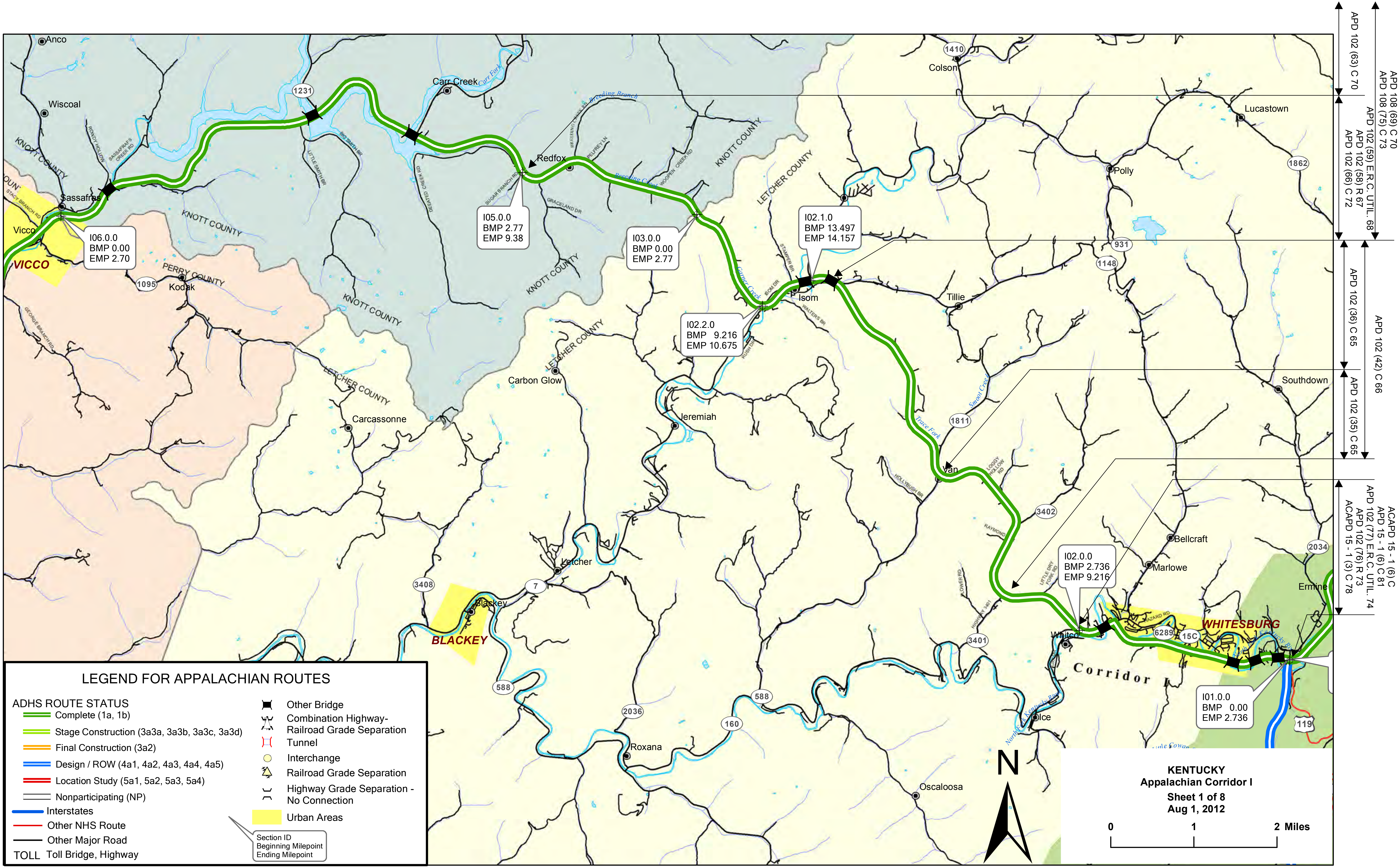
2012 Appalachian Developement Highway System Cost Estimate
Table B - Design Classification and Cost Estimate by Estimate Sections with Corridor Totals

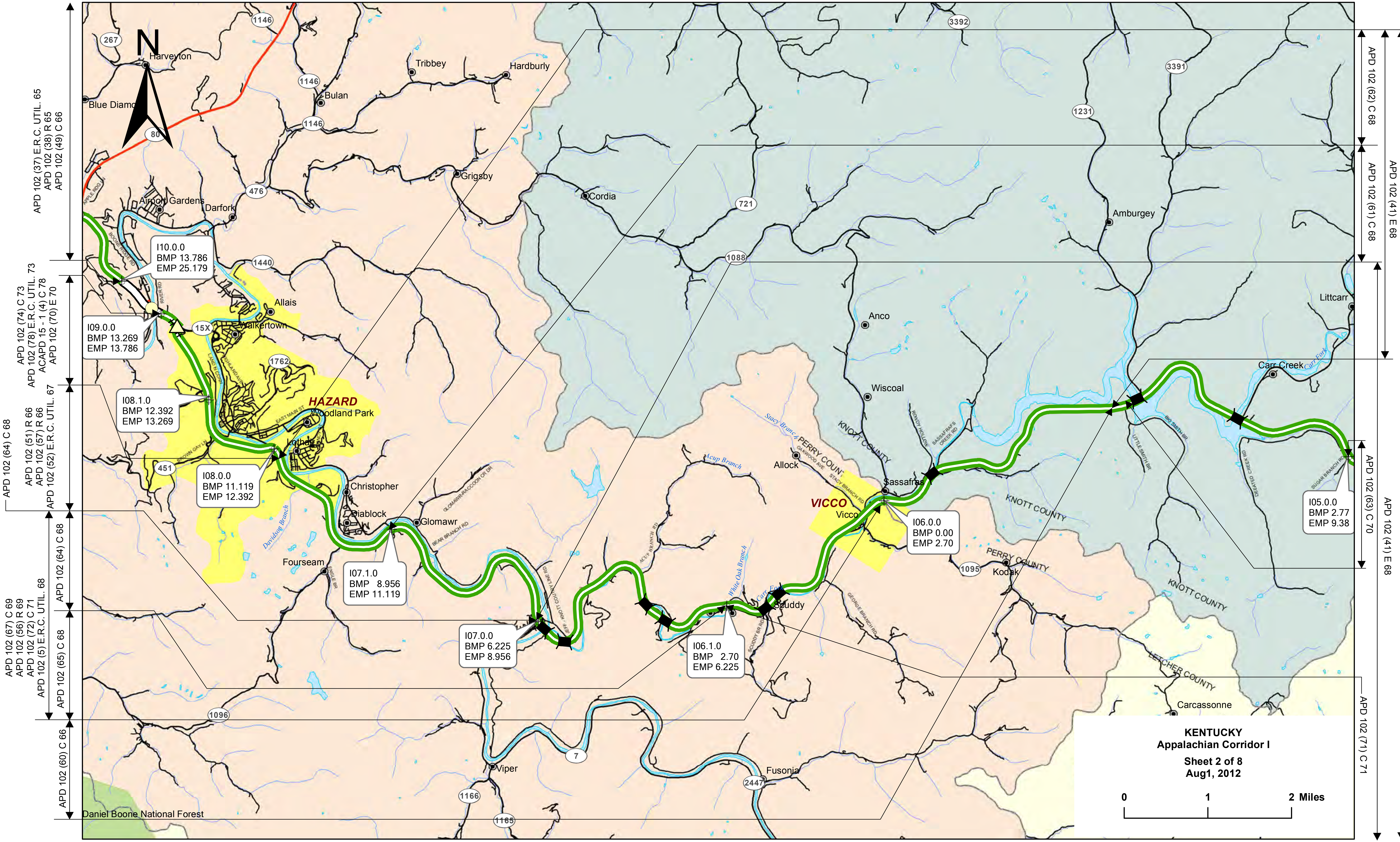
State: KY ADHS Corridor: I

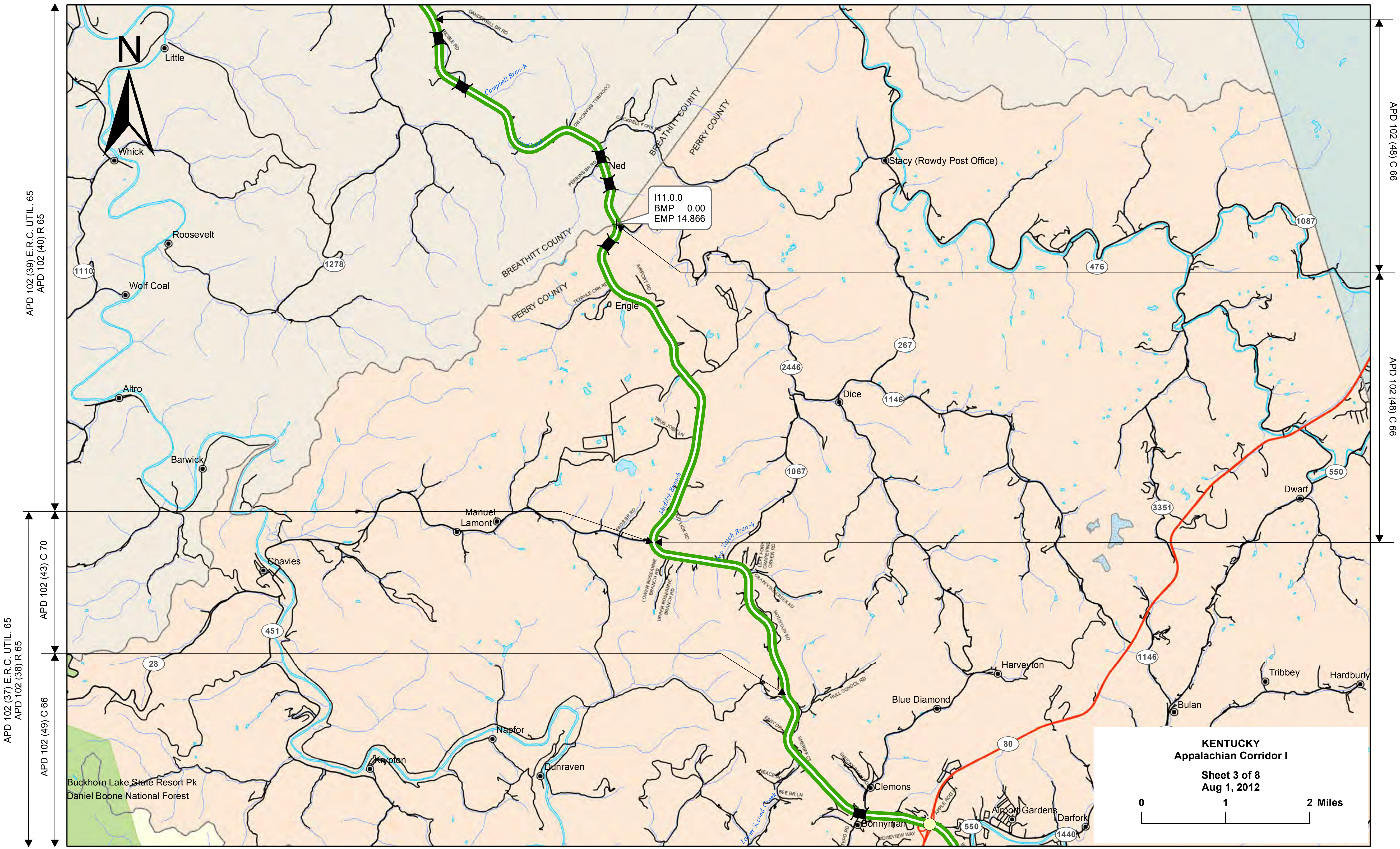
Section ID	**Corridor**	**Rural**	**Urban**
LRS Milepoint	**Total**	**Subtotal**	**Subtotal**
1. Finance Code			
2. Section Length(Miles)	126.20	121.90	4.30
3. Class/Urban Code			
4. Location:			
---- *a. FIPS State/County/Congressional*			
---- *b. HPMS Route/Subroute*			
---- *c. HPMS Signed Route/Strip Map #*			
5. Estimate Section/NHS Designation			
6. Design Speed(mph)			
7. Traffic:			
---- *a. ADT-Base Year (2010)*			
---- *b. ADT-Year 2020*			
---- *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

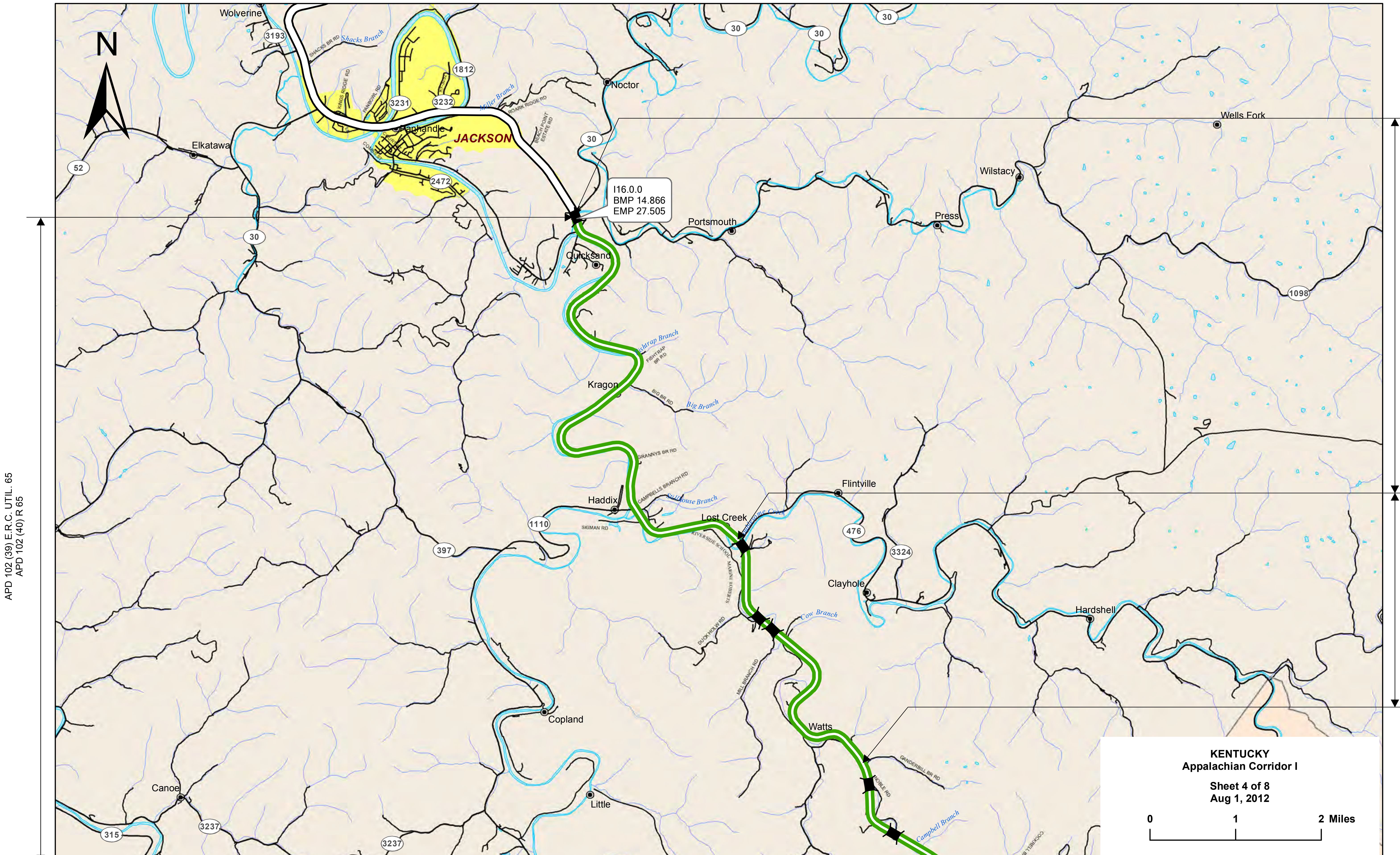
14. Preliminary Engineering:			
---- *a. Location*			
---- *b. Design*			
15. Right-of-Way:			
---- *a. Acquisition*			
---- *b. Relocation*			
16. Utility Adjustments			
17. Erosion Control/Clear/Grade/Drain/Minor Structure			
18. Subbase, Base, Surfacing, Shoulders			
19. Railroad Grade Seperations			
20. Highway Grade Seperations without Ramps			
21. Interchanges			
22. Other Bridges, Tunnels, and Walls			
23. Traffic Control			
24. Environmental Mitigation			
25. Roadside Improvements:			
---- *a. Landscape Planting*			
---- *b. Rest Area, Overlooks*			
26. All Other Items			
27. Subtotal(lines 17 thru 26)			
28. Construction Engineering(8.00000000% of line 27)			
29. Total Cost of Construction(lines 27 & 28)			
30. Total Estimated Cost(lines 14, 15, 16, 29 & 5% Contingency)			


KENTUCKY
Appalachian Corridor I
Sheet 1 of 8
Aug 1, 2012
0
1
2 Miles
N
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
I06.0.0
BMP 0.00
EMP 2.70
I05.0.0
BMP 2.77
EMP 9.38
I03.0.0
BMP 0.00
EMP 2.77
I02.1.0
BMP 13.497
EMP 14.157
I02.2.0
BMP 9.216
EMP 10.675
I02.0.0
BMP 2.736
EMP 9.216
I01.0.0
BMP 0.00
EMP 2.736
APD 102 (63) C 70
APD 108 (69) C 70
APD 108 (75) C 73
APD 102 (59) E.R.C. UTIL. 68
APD 102 (58) R 67
APD 102 (66) C 72
APD 102 (36) C 65
APD 102 (42) C 66
APD 102 (35) C 65
ACAPD 15 - 1 (6) C
APD 15 - 1 (6) C 81
APD 102 (77) E.R.C. UTIL. 74
APD 102 (76) R 73
ACAPD 15 - 1 (3) C 78
Anco
Wiscoal
Carr Creek
Colson
Lucastown
Polly
Redfox
Sassafras
Vicco
VICCO
Kodak
Isom
Tillie
Carbon Glow
Carcassonne
Jeremiah
Southdown
Van
Bellcraft
Marlowe
Ermine
Letcher
Blackey
BLACKEY
Whitco
WHITESBURG
Ice
Roxana
Oscaloosa
Corridor I
KNOTT COUNTY
PERRY COUNTY
LETCHER COUNTY
1410
1231
1862
931
1148
1095
1811
3402
2034
3408
7
6289
15C
3401
588
2036
160
119


KENTUCKY
Appalachian Corridor I
Sheet 2 of 8
Aug1, 2012
0
1
2 Miles
N
HAZARD
VICCO
I10.0.0
BMP 13.786
EMP 25.179
I09.0.0
BMP 13.269
EMP 13.786
I08.1.0
BMP 12.392
EMP 13.269
I08.0.0
BMP 11.119
EMP 12.392
I07.1.0
BMP 8.956
EMP 11.119
I07.0.0
BMP 6.225
EMP 8.956
I06.1.0
BMP 2.70
EMP 6.225
I06.0.0
BMP 0.00
EMP 2.70
I05.0.0
BMP 2.77
EMP 9.38
APD 102 (37) E.R.C. UTIL. 65
APD 102 (38) R 65
APD 102 (49) C 66
APD 102 (74) C 73
APD 102 (78) E.R.C. UTIL. 73
ACAPD 15 - 1 (4) C 78
APD 102 (70) E 70
APD 102 (64) C 68
APD 102 (51) R 66
APD 102 (57) R 66
APD 102 (52) E.R.C. UTIL. 67
APD 102 (67) C 69
APD 102 (56) R 69
APD 102 (72) C 71
APD 102 (5) E.R.C. UTIL. 68
APD 102 (64) C 68
APD 102 (65) C 68
APD 102 (60) C 66
APD 102 (62) C 68
APD 102 (61) C 68
APD 102 (41) E 68
APD 102 (75) E 73
APD 102 (63) C 70
APD 102 (41) E 68
APD 102 (71) C 71
Harveyton
Blue Diamond
Tribbey
Hardburly
Bulan
Grigsby
Cordia
Airport Gardens
Darfork
Allais
Walkertown
Woodland Park
Lothair
Christopher
Diablock
Glomawr
Fourseam
Allock
Sassafras
Vicco
Scuddy
Anco
Wiscoal
Amburgey
Littcarr
Carr Creek
Kodak
Carcassonne
Viper
Fusonia
Daniel Boone National Forest
KNOTT COUNTY
PERRY COUNTY
LETCHER COUNTY
1146
267
80
476
1440
15X
1762
451
3392
3391
1231
721
1088
1095
1096
7
1166
1165
2447
Davidson Branch
Acup Branch
Stacy Branch
White Oak Branch
Carr Fork



N
Little
Whick
Roosevelt
Wolf Coal
Altro
Barwick
Manuel
Lamont
Chavies
Napfor
Krypton
Dunraven
Buckhorn Lake State Resort Pk
Daniel Boone National Forest
Ned
Engle
BREATHITT COUNTY
PERRY COUNTY
Campbell Branch
I11.0.0
BMP 0.00
EMP 14.866
Stacy (Rowdy Post Office)
Dice
Harveyton
Blue Diamond
Clemons
Bonnyman
Airport Gardens
Darfork
Bulan
Tribbey
Hardburly
Dwarf
1110
1278
451
28
2446
267
1146
1067
476
1087
550
3351
80
1440
APD 102 (39) E.R.C. UTIL. 65
APD 102 (40) R 65
APD 102 (43) C 70
APD 102 (37) E.R.C. UTIL. 65
APD 102 (38) R 65
APD 102 (49) C 66
APD 102 (48) C 66
KENTUCKY
Appalachian Corridor I
Sheet 3 of 8
Aug 1, 2012
0
1
2 Miles



KENTUCKY
Appalachian Corridor I
Sheet 4 of 8
Aug 1, 2012
0
1
2 Miles
N
I16.0.0
BMP 14.866
EMP 27.505
APD 102 (39) E.R.C. UTIL. 65
APD 102 (40) R 65
APD 102 (44) C 66
APD 102 (47) C 66
JACKSON
Wolverine
Elkatawa
Panhandle
Noctor
Portsmouth
Quicksand
Press
Wilstacy
Wells Fork
Kragon
Haddix
Lost Creek
Flintville
Clayhole
Hardshell
Watts
Copland
Canoe
Little
Shacks Branch
Miller Branch
Fishtrap Branch
Big Branch
Cow Branch
Campbell Branch
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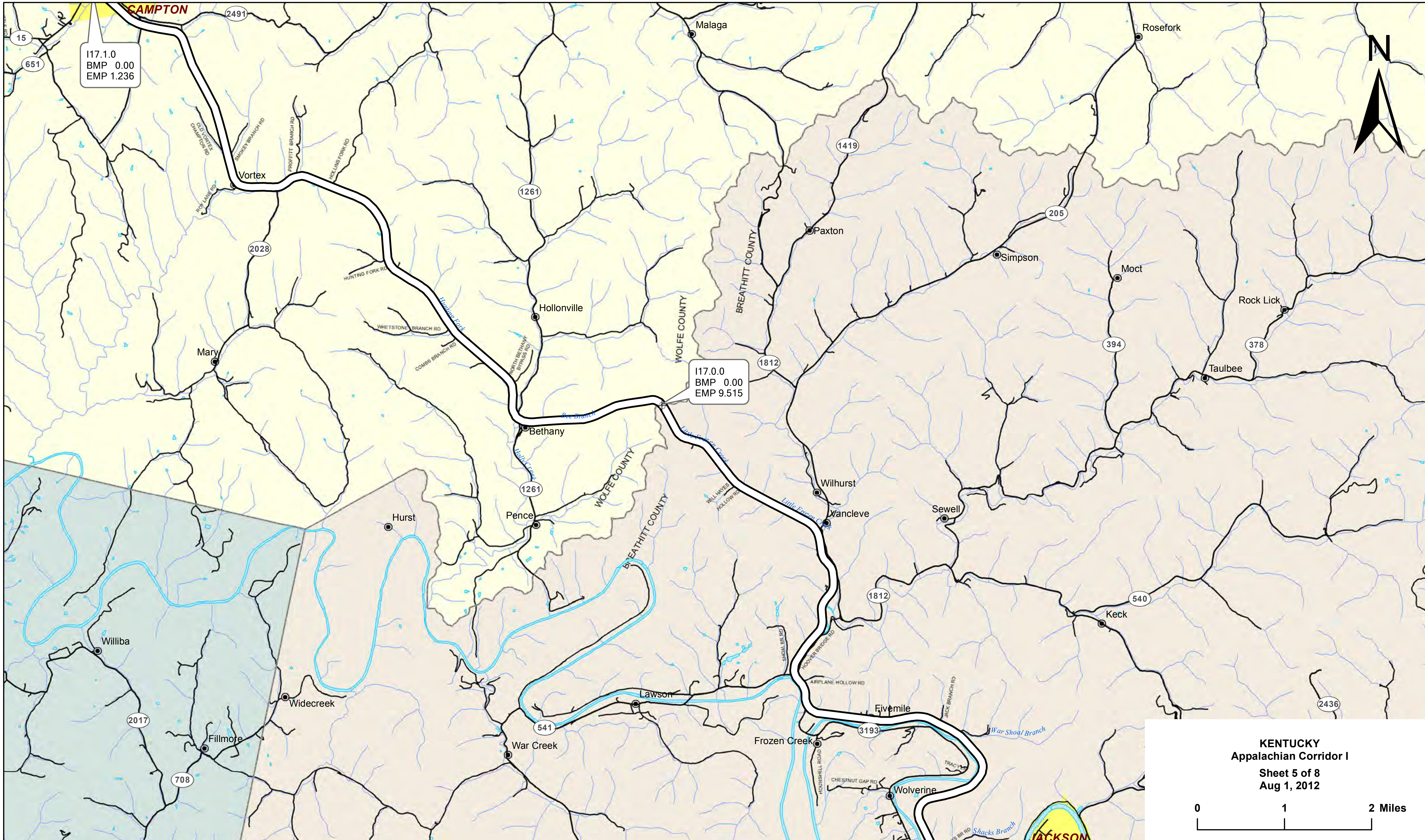
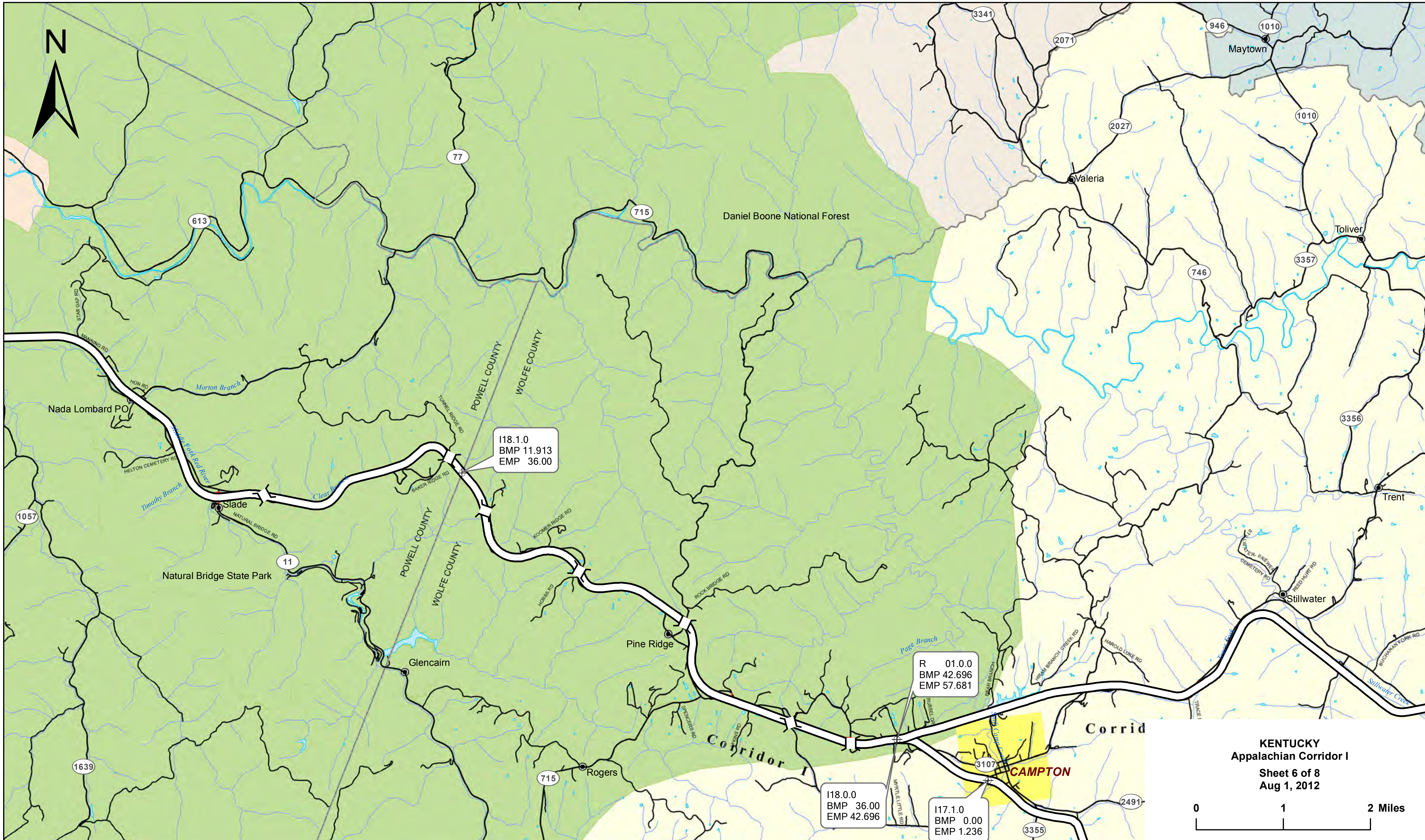
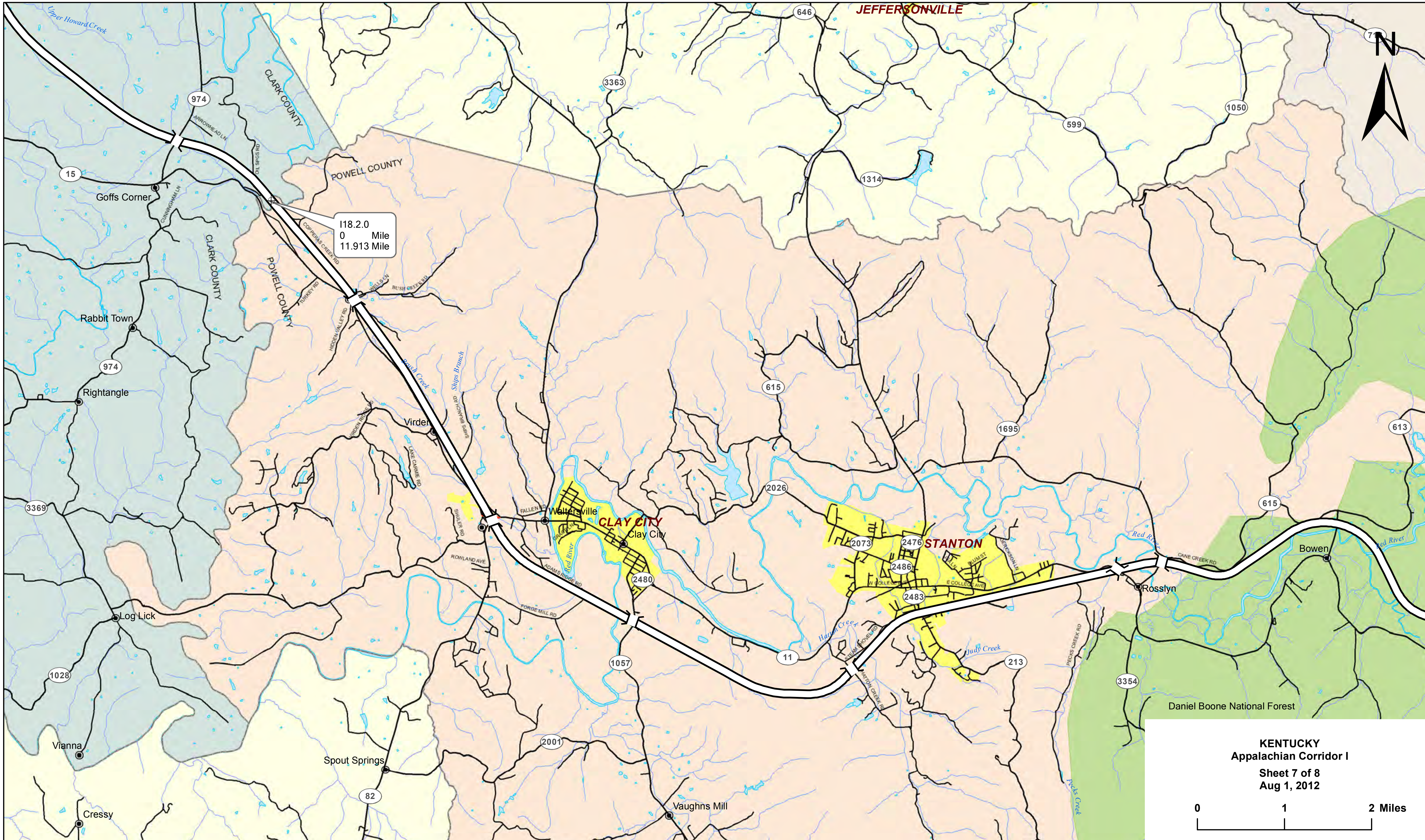
397
476
3324
315
3237

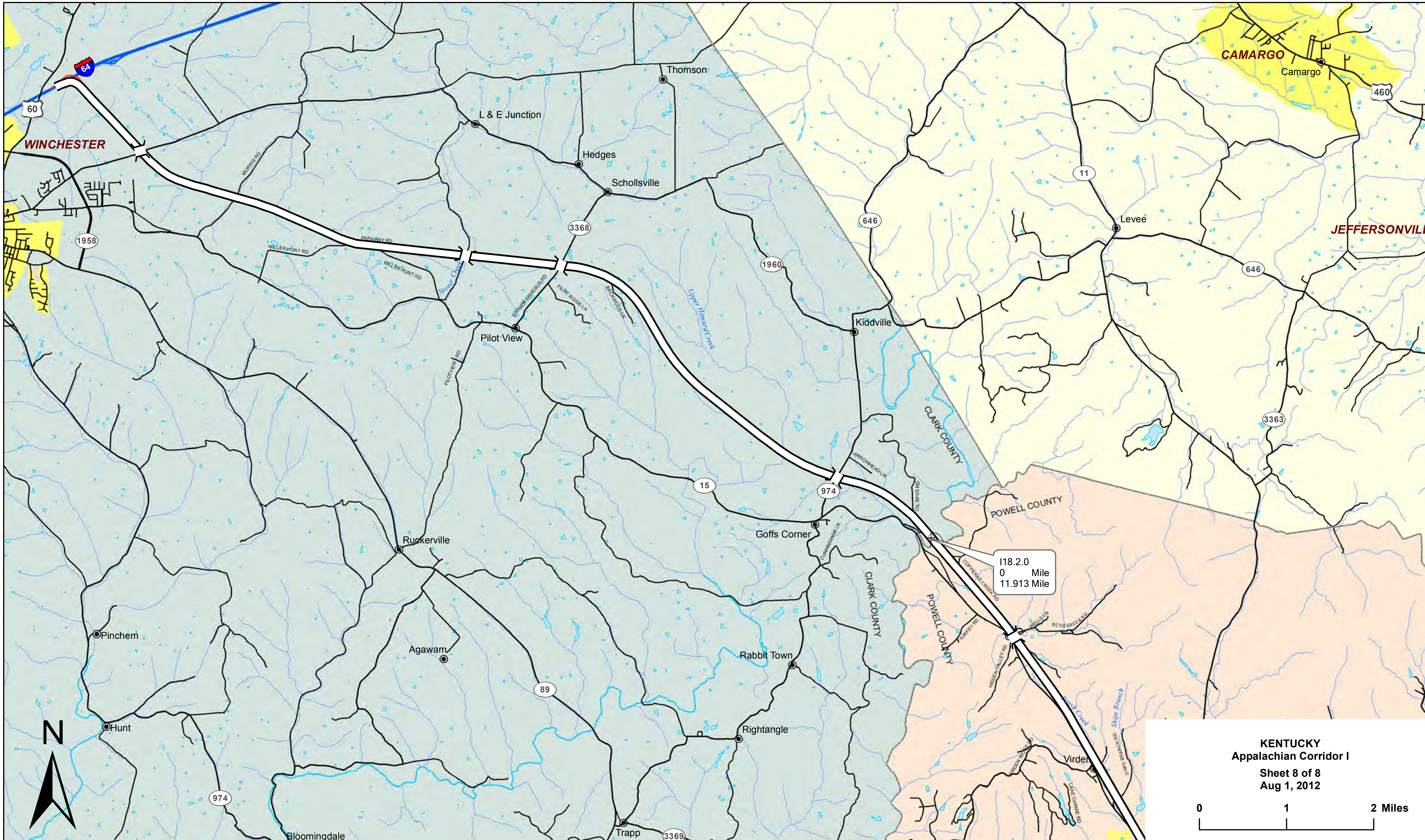

CAMPTON
JACKSON
I17.1.0
BMP 0.00
EMP 1.236
I17.0.0
BMP 0.00
EMP 9.515
N
Malaga
Rosefork
Vortex
Paxton
Simpson
Moct
Rock Lick
Hollonville
Mary
Taulbee
Bethany
Wilhurst
Vancleve
Sewell
Hurst
Pence
Keck
Williba
Lawson
Widecreek
Fivemile
Fillmore
War Creek
Frozen Creek
Wolverine
WOLFE COUNTY
BREATHITT COUNTY
15
651
2491
1419
1261
2028
205
394
378
1812
540
2436
2017
541
3193
708
OLD VORTEX CAMPTON RD
SMOKEY BRANCH RD
PROFFITT BRANCH RD
HOLLINS FORK RD
ROY LANE RD
HUNTING FORK RD
WHETSTONE BRANCH RD
COMBS BRANCH RD
NORTH BETHANY BYPASS RD
WILL HAYES HOLLOW RD
SHOAL BR RD
HOOVER BRIDGE RD
AIRPLANE HOLLOW RD
JACK BRANCH RD
HOUNSHELL ROAD
CHESTNUT GAP RD
TRACY
SHACKS BR RD
Hunting Fork
Bee Branch
Holly Creek
Little Frozen Creek
War Shoal Branch
Shacks Branch
KENTUCKY
Appalachian Corridor I
Sheet 5 of 8
Aug 1, 2012
0
1
2 Miles



N
Daniel Boone National Forest
Maytown
Valeria
Toliver
Trent
Stillwater
Nada Lombard PO
Slade
Natural Bridge State Park
Glencairn
Pine Ridge
Rogers
CAMPTON
POWELL COUNTY
WOLFE COUNTY
Morton Branch
Timothy Branch
Clear Branch
Page Branch
Stillwater Creek
Corridor I
I18.1.0
BMP 11.913
EMP 36.00
R 01.0.0
BMP 42.696
EMP 57.681
I18.0.0
BMP 36.00
EMP 42.696
I17.1.0
BMP 0.00
EMP 1.236
3341
2071
946
1010
2027
77
715
613
3357
746
3356
1057
11
1639
3107
2491
3355
STAR GAP RD
MANNING RD
HON RD
HELTON CEMETERY RD
NATURAL BRIDGE RD
TUNNEL RIDGE RD
BAKER RIDGE RD
KOOMER RIDGE RD
HOBBS RD
ROCK BRIDGE RD
SPENCERS RD
HAROLD LUKE RD
BUCHANAN FORK RD
KENTUCKY
Appalachian Corridor I
Sheet 6 of 8
Aug 1, 2012
0
1
2 Miles



KENTUCKY
Appalachian Corridor I
Sheet 7 of 8
Aug 1, 2012
0 1 2 Miles


WINCHESTER
CAMARGO
Camargo
JEFFERSONVILLE
60
64
460
11
646
1958
3368
1960
15
974
89
3363
3369
Thomson
L & E Junction
Hedges
Schollsville
Levee
Kiddville
Pilot View
Goffs Corner
Ruckerville
Pinchem
Agawam
Rabbit Town
Hunt
Rightangle
Bloomingdale
Trapp
Virden
Upper Howard Creek
Stoner Creek
CLARK COUNTY
POWELL COUNTY
I18.2.0
0 Mile
11.913 Mile
N
KENTUCKY
Appalachian Corridor I
Sheet 8 of 8
Aug 1, 2012
0
1
2 Miles

2012 Appalachian Developement Highway System Cost Estimate
Table B - Design Classification and Cost Estimate by Estimate Sections with Corridor Totals

State: KY ADHS Corridor: J

Section ID	J 01.0.0	J 01.1.0	J 02.0.0	J 03.0.0	J 03.1.0	J 04.0.0
LRS Milepoint: Beginning/Ending	**0.000/0.300**	**0.300/6.792**	**6.792/9.724**	**9.724/12.869**	**14.272/20.087**	**20.087/22.450**
Status	**Completed**	**Completed**	**Completed**	**Completed**	**Completed**	**Completed**
1. Finance Code	20	20	20	20	20	20
2. Section Length(Miles)	0.3	6.6	3.1	3.3	5.8	2.3
3. Class/Urban Code	R/0	R/0	R/0	R/0	R/0	R/0
4. Location:						
---- *a. FIPS State/County/Congressional*	21/057/01	21/057/01	21/057/01	21/057/01	21/057/01	21/057/01
---- *b. HPMS Route/Subroute*	0000000061/00	0000000061/00	0000000061/00	0000000061/00	0000000090/00	0000000090/00
---- *c. HPMS Signed Route/Strip Map #*	3000000061/J1	3000000061/J1	3000000061/J1	3000000061/J2	3000000090/J2	3000000090/J2
5. Estimate Section/NHS Designation	1/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 (2010)*	1,600	2,100	3,600	3,600	6,300	4,700
---- *b. ADT-Year 2020*	2,200	2,900	4,900	4,900	8,400	6,300
---- *c. Design Year*	2,006	1,993	1,993	1,992	1,993	1,992
---- *d. ADT-Design Year*	3,200	2,200	2,700	4,000	3,100	1,900
---- *e. DHV-Design Year*	420	260	320	480	370	250
---- *f. % Truck Design Year(DHV)*	10	10	10	7	10	10
---- *g. % Truck Design Year(ADT)*	12	12	12	11	15	15
---- *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	2	2	2	2	2	2
10. Typical X-Section of Reference/Access Control	R10a/None	R10a/None	R10a/None	R10a/None	R10a/None	R10a/None
11. Right-of-Way Width(ft), prevailing	180	180	180	200	210	220
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(8.00000000% 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**

2012 Appalachian Developement Highway System Cost Estimate
Table B - Design Classification and Cost Estimate by Estimate Sections with Corridor Totals

State: KY ADHS Corridor: J

Section ID	J 04.1.0	J 05.0.0	J 05.1.0	J 05.2.0	J 06.0.0	J 07.0.0
LRS Milepoint: Beginning/Ending	**0.000/2.700**	**2.700/5.257**	**10.430/11.017**	**5.257/7.600**	**7.600/12.816**	**0.000/4.500**
Status	**Completed**	**Completed**	**Completed**	**Completed**	**Completed**	**Completed**
1. Finance Code	20	20	20	20	20	20
2. Section Length(Miles)	2.4	2.7	0.6	2.3	5.2	4.7
3. Class/Urban Code	R/0	R/0	R/0	R/0	R/0	R/0
4. Location:						
---- *a. FIPS State/County/Congressional*	21/053/01	21/053/01	21/053/01	21/053/01	21/053/01	21/231/05
---- *b. HPMS Route/Subroute*	0000000090/00	0000000090/00	0000000127/00	0000000090/00	0000000090/00	0000000090/00
---- *c. HPMS Signed Route/Strip Map #*	3000000090/J2	3000000090/J2	2000000127/J2	3000000090/J3	3000000090/J3	3000000090/J3
5. Estimate Section/NHS Designation	1/None	1/None	1/None	1/None	1/None	1/None
6. Design Speed(mph)	60	60	60	38	60	60
7. Traffic:						
---- *a. ADT-Base Year (2010)*	4,700	3,600	3,800	4,800	5,000	6,500
---- *b. ADT-Year 2020*	6,300	4,900	5,200	6,500	6,700	8,700
---- *c. Design Year*	1,993	1,993	1,993	1,993	1,993	2,000
---- *d. ADT-Design Year*	1,900	1,900	1,900	2,900	2,900	3,800
---- *e. DHV-Design Year*	250	250	250	380	380	490
---- *f. % Truck Design Year(DHV)*	10	10	10	10	10	9
---- *g. % Truck Design Year(ADT)*	15	15	15	15	15	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	2	2	2	2	2	2
10. Typical X-Section of Reference/Access Control	R10a/None	R10a/None	R10a/None	R10a/None	R10a/None	R10a/None
11. Right-of-Way Width(ft), prevailing	200	200	200	220	220	210
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(8.00000000% 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**

2012 Appalachian Developement Highway System Cost Estimate
Table B - Design Classification and Cost Estimate by Estimate Sections with Corridor Totals

State: KY ADHS Corridor: J

Section ID	J 08.0.0	J 08.1.0	J 08.2.0	J 08.3.0	J 09.0.0	J 10.0.0
LRS Milepoint: Beginning/Ending	**4.500/7.400**	**7.400/8.200**	**8.200/8.647**	**8.647/9.601**	**9.601/12.721**	**12.721/16.933**
Status	**Completed**	**Completed**	**Completed**	**Completed**	**Completed**	**Completed**
1. Finance Code	20	20	20	20	20	20
2. Section Length(Miles)	2.8	1.4	0.2	0.7	3.1	5.1
3. Class/Urban Code	R/0	R/0	R/0	R/0	R/0	R/0
4. Location:						
---- *a. FIPS State/County/Congressional*	21/231/05	21/231/05	21/231/05	21/231/05	21/231/05	21/231/05
---- *b. HPMS Route/Subroute*	0000000090/00	0000000090/00	0000000090/00	0000000090/00	0000000090/00	0000000090/00
---- *c. HPMS Signed Route/Strip Map #*	3000000090/J3	3000000090/J3	3000000090/J4	3000000090/J4	3000000090/J4	3000000090/J4
5. Estimate Section/NHS Designation	1/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 (2010)*	8,300	9,600	9,600	9,600	12,900	9,900
---- *b. ADT-Year 2020*	10,800	12,400	12,400	12,400	16,400	12,800
---- *c. Design Year*	2,000	2,000	2,000	2,000	2,000	1,992
---- *d. ADT-Design Year*	4,900	5,600	5,600	6,400	6,400	5,500
---- *e. DHV-Design Year*	590	680	680	830	830	720
---- *f. % Truck Design Year(DHV)*	7	7	7	7	7	7
---- *g. % Truck Design Year(ADT)*	10	10	10	10	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	2	2	2	2	2	2
10. Typical X-Section of Reference/Access Control	R10a/None	R10a/None	B1/None	R10a/Partial	R10a/Partial	R10a/None
11. Right-of-Way Width(ft), prevailing	210	220	220	210	210	210
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(8.00000000% 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**

State: KY ADHS Corridor: J

Section ID	**J 11.0.0**	**J 12.0.0**	**J 13.0.0**	**J 14.0.0**	**J 15.0.0**	**J 16.0.0**
LRS Milepoint: Beginning/Ending	**16.933/19.507**	**19.507/25.235**	**0.000/3.069**	**3.069/3.369**	**3.369/4.169**	**9.784/12.884**
Status	**NP**	**Completed**	**Completed**	**NP**	**Completed**	**NP**
1. Finance Code	20	20	20	20	20	20
2. Section Length(Miles)	1.7	4.6	4.2	0.3	0.8	3.1
3. Class/Urban Code	R/0	R/0	R/0	R/0	R/0	R/0
4. Location:						
---- *a. FIPS State/County/Congressional*	21/231/05	21/231/05	21/199/05	21/199/05	21/199/05	21/199/05
---- *b. HPMS Route/Subroute*	0000000090/00	0000000090/00	0000000090/00	0000000090/00	0000000090/00	0000000027/00
---- *c. HPMS Signed Route/Strip Map #*	3000000090/J4	3000000090/J4	3000000090/J5	3000000090/J5	3000000090/J5	2000000027/J5
5. Estimate Section/NHS Designation	2/None	1/None	1/None	2/None	1/None	2/NHS
6. Design Speed(mph)	60	60	60	60	60	60
7. Traffic:						
---- *a. ADT-Base Year (2010)*	8,100	10,500	9,400	14,100	14,400	22,800
---- *b. ADT-Year 2020*	10,600	13,400	12,200	17,700	18,100	28,100
---- *c. Design Year*	1,992	1,990	1,990	1,971	1,990	1,978
---- *d. ADT-Design Year*	4,300	5,800	5,800	2,800	5,600	13,700
---- *e. DHV-Design Year*	560	750	750	360	730	1,370
---- *f. % Truck Design Year(DHV)*	7	7	7	7	7	7
---- *g. % Truck Design Year(ADT)*	10	10	10	10	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	2	2	2	2	2	4
10. Typical X-Section of Reference/Access Control	R9a/None	B2/None	B2/None	R10a/None	R10a/None	R3/None
11. Right-of-Way Width(ft), prevailing	200	180	180	210	200	200
12. Median Width(ft), prevailing	0	0	0	0	0	24
13. Status of Development(Figure 4)	np	1a	1a	np	1a	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(8.00000000% 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**

2012 Appalachian Developement Highway System Cost Estimate
Table B - Design Classification and Cost Estimate by Estimate Sections with Corridor Totals

State: KY ADHS Corridor: J

Section ID	J 16.0.1	J 16.1.0	J 17.0.0	J 18.0.0	J 19.0.0	J 19.1.0
LRS Milepoint: Beginning/Ending	**12.884/14.884**	**14.884/16.854**	**0.000/2.315**	**21.579/25.904**	**25.904/28.400**	**28.400/32.000**
Status	**NP**	**NP**	**Completed**	**Completed**	**Completed**	**Completed**
1. Finance Code	20	20	20	20	20	20
2. Section Length(Miles)	2	1.9	2.6	4.1	2.3	3.6
3. Class/Urban Code	U/3070	U/3070	U/3070	R/0	R/0	R/0
4. Location:						
---- *a. FIPS State/County/Congressional*	21/199/05	21/199/05	21/199/05	21/199/05	21/199/05	21/199/05
---- *b. HPMS Route/Subroute*	0000000027/00	0000000027/00	0000000080/00	0000000080/00	0000000080/00	0000000080/00
---- *c. HPMS Signed Route/Strip Map #*	2000000027/J5	2000000027/J5	3000000080/J5	3000000080/J5	3000000080/J6	3000000080/J6
5. Estimate Section/NHS Designation	2/NHS	2/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 (2010)*	29,800	36,300	22,400	15,400	7,600	7,400
---- *b. ADT-Year 2020*	36,300	44,200	27,600	19,100	10,000	9,800
---- *c. Design Year*	1,978	1,978	1,990	1,992	1,992	2,000
---- *d. ADT-Design Year*	20,800	23,500	14,200	9,300	8,300	5,600
---- *e. DHV-Design Year*	2,080	2,350	1,420	1,210	1,080	730
---- *f. % Truck Design Year(DHV)*	7	7	7	11	11	14
---- *g. % Truck Design Year(ADT)*	10	10	11	16	16	21
---- *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	2
10. Typical X-Section of Reference/Access Control	R3/None	R3/None	R4/Partial	R2/Partial	R2/Partial	R10a/None
11. Right-of-Way Width(ft), prevailing	200	200	260	310	300	300
12. Median Width(ft), prevailing	24	24	20	60	60	0
13. Status of Development(Figure 4)	np	np	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(8.00000000% 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**

2012 Appalachian Developement Highway System Cost Estimate
Table B - Design Classification and Cost Estimate by Estimate Sections with Corridor Totals

State: KY ADHS Corridor: J

Section ID	J 20.0.0	J 21.0.0	J 22.0.0	J 22.1.0	J 23.0.0	J 23.1.0
LRS Milepoint: Beginning/Ending	**32.000/36.066**	**36.066/40.100**	**0.000/0.800**	**0.800/4.000**	**4.000/6.700**	**6.700/9.029**
Status	**Completed**	**Completed**	**Completed**	**Completed**	**Completed**	**Completed**
1. Finance Code	20	20	20	20	20	20
2. Section Length(Miles)	4	4.1	0.8	3.4	3.1	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	21/199/05	21/199/05	21/125/05	21/125/05	21/125/05	21/125/05
---- b. HPMS Route/Subroute	0000000080/00	0000000080/00	0000000080/00	0000000080/00	0000000080/00	0000000080/00
---- c. HPMS Signed Route/Strip Map #	3000000080/J6	3000000080/J6	3000000080/J7	3000000080/J7	3000000080/J7	3000000080/J7
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 (2010)	7,600	7,600	7,600	7,500	7,400	10,300
---- b. ADT-Year 2020	10,000	10,000	10,000	9,900	9,800	13,200
---- c. Design Year	2,000	2,000	2,000	2,000	2,000	2,000
---- d. ADT-Design Year	5,600	5,400	5,400	5,400	7,200	9,100
---- e. DHV-Design Year	730	700	700	700	940	1,180
---- f. % Truck Design Year(DHV)	14	14	14	17	17	15
---- g. % Truck Design Year(ADT)	21	21	21	26	26	22
---- 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	2	2	2	2	4	4
10. Typical X-Section of Reference/Access Control	R10a/Partial	R10a/None	R10a/None	R10a/None	R2/None	R2/None
11. Right-of-Way Width(ft), prevailing	290	290	300	300	300	300
12. Median Width(ft), prevailing	0	0	0	0	60	60
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(8.00000000% 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**

2012 Appalachian Developement Highway System Cost Estimate
Table B - Design Classification and Cost Estimate by Estimate Sections with Corridor Totals

State: KY
ADHS Corridor: J

Section ID	**J 23.2.0**
LRS Milepoint: Beginning/Ending	**9.029/10.499**
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*	21/125/05
---- *b. HPMS Route/Subroute*	0000000080/00
---- *c. HPMS Signed Route/Strip Map #*	3000000080/J7
5. Estimate Section/NHS Designation	1/NHS
6. Design Speed(mph)	60
7. Traffic:	
---- *a. ADT-Base Year (2010)*	15,200
---- *b. ADT-Year 2020*	18,700
---- *c. Design Year*	2,000
---- *d. ADT-Design Year*	12,200
---- *e. DHV-Design Year*	1,220
---- *f. % Truck Design Year(DHV)*	15
---- *g. % Truck Design Year(ADT)*	22
---- *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	R2/None
11. Right-of-Way Width(ft), prevailing	310
12. Median Width(ft), prevailing	60
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(8.00000000% 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**

2012 Appalachian Developement Highway System Cost Estimate

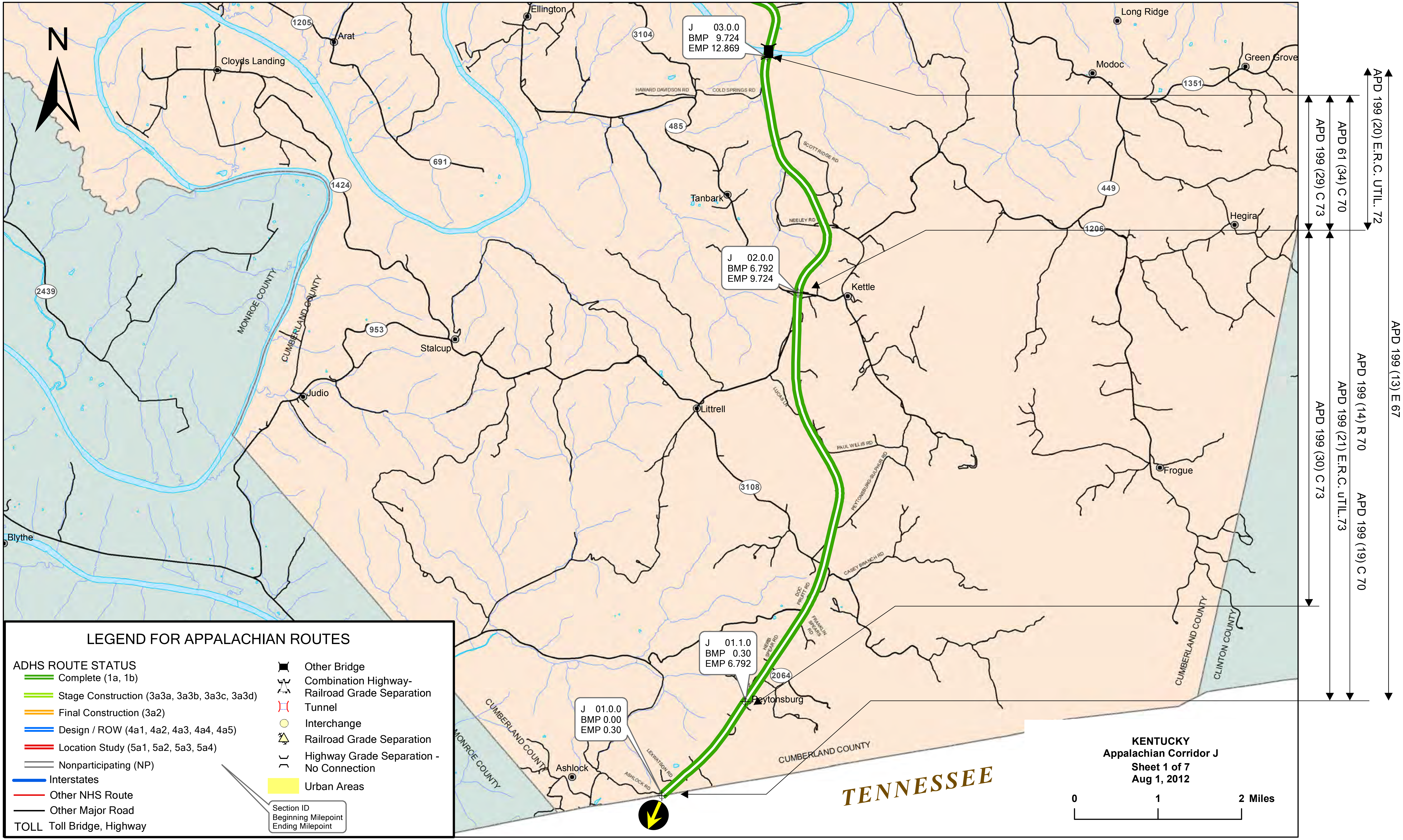
Table B - Design Classification and Cost Estimate by Estimate Sections with Corridor Totals

State: KY

ADHS Corridor: J

Section ID	**Corridor**	**Rural**	**Urban**
LRS Milepoint	**Total**	**Subtotal**	**Subtotal**
1. Finance Code			
2. Section Length(Miles)	102.70	96.20	6.50
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 (2010)*			
---- *b. ADT-Year 2020*			
---- *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)			

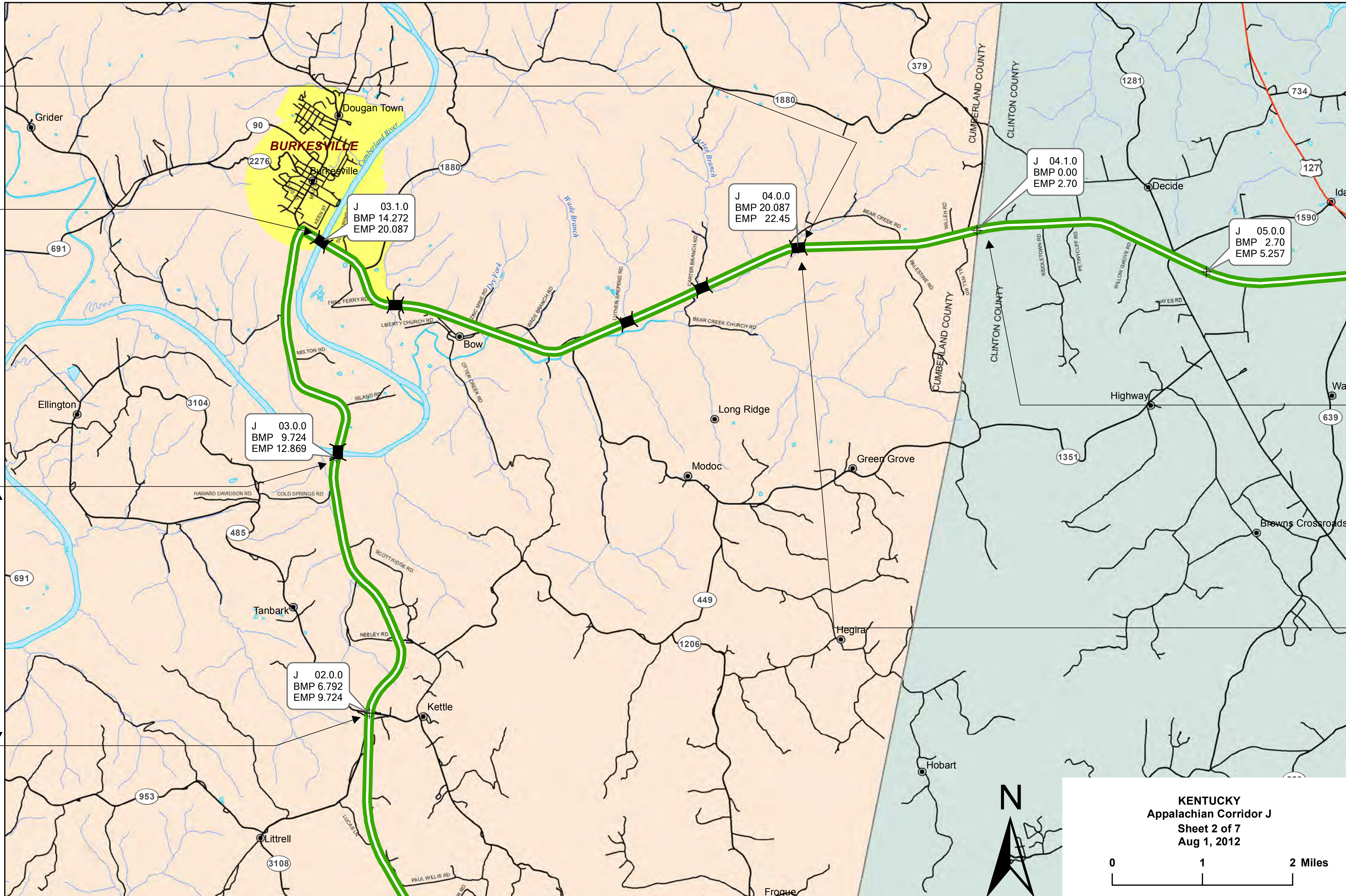
Estimated Cost($1,000) per Work Classification			
14. Preliminary Engineering:			
---- *a. Location*			
---- *b. Design*			
15. Right-of-Way:			
---- *a. Acquisition*			
---- *b. Relocation*			
16. Utility Adjustments			
17. Erosion Control/Clear/Grade/Drain/Minor Structure			
18. Subbase, Base, Surfacing, Shoulders			
19. Railroad Grade Seperations			
20. Highway Grade Seperations without Ramps			
21. Interchanges			
22. Other Bridges, Tunnels, and Walls			
23. Traffic Control			
24. Environmental Mitigation			
25. Roadside Improvements:			
---- *a. Landscape Planting*			
---- *b. Rest Area, Overlooks*			
26. All Other Items			
27. Subtotal(lines 17 thru 26)			
28. Construction Engineering(8.00000000% of line 27)			
29. Total Cost of Construction(lines 27 & 28)			
30. Total Estimated Cost(lines 14, 15, 16, 29 & 5% Contingency)			


N
Ellington
Arat
Clyds Landing
Long Ridge
Modoc
Green Grove
Tanbark
Hegira
Kettle
Stalcup
Judio
Littrell
Frogue
Blythe
Peytonsburg
Ashlock
1205
3104
485
691
1424
449
1351
1206
2439
953
3108
2064
HAWARD DAVIDSON RD
COLD SPRINGS RD
SCOTTRIDGE RD
NEELEY RD
PAUL WILLIS RD
PEYTONSBURG-SULPHUR RD
CASEY BRANCH RD
LEXINGTON RD
ASHLOCK RD
MONROE COUNTY
CUMBERLAND COUNTY
CLINTON COUNTY
TENNESSEE
J 03.0.0
BMP 9.724
EMP 12.869
J 02.0.0
BMP 6.792
EMP 9.724
J 01.1.0
BMP 0.30
EMP 6.792
J 01.0.0
BMP 0.00
EMP 0.30
APD 199 (20) E.R.C. UTIL. 72
APD 199 (29) C 73
APD 61 (34) C 70
APD 199 (13) E 67
APD 199 (14) R 70
APD 199 (21) E.R.C. uTIL.73
APD 199 (30) C 73
APD 199 (19) C 70
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
KENTUCKY
Appalachian Corridor J
Sheet 1 of 7
Aug 1, 2012
0
1
2 Miles

APD 199 (25) E.R.C. UTIL. 71
APD 199 (17) R 70
APD 199 (27) C 72

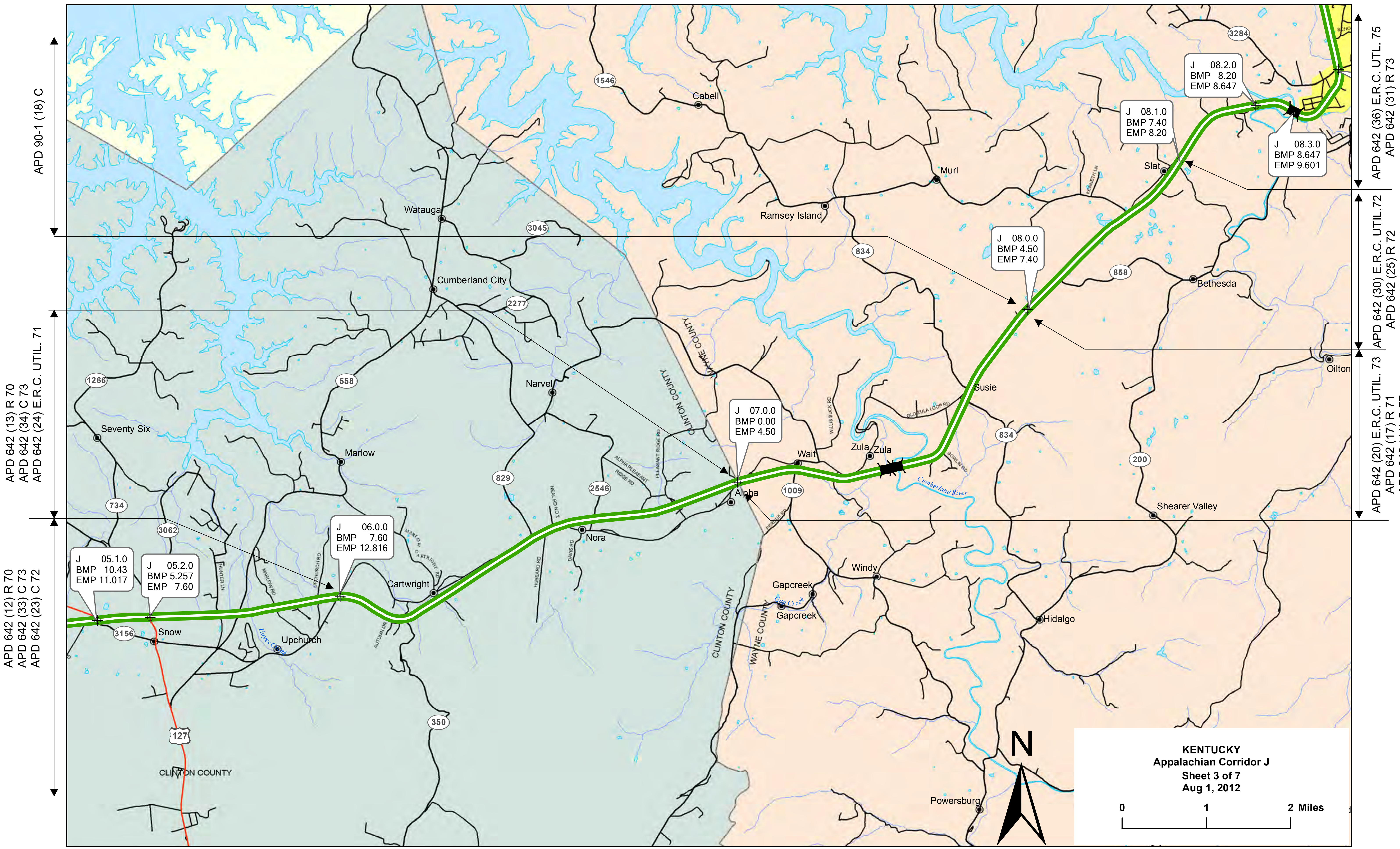
APD 199 (13) E 67
APD 199 (20) E.R.C. UTIL.72
APD 199 (18) R 70 APD 199 (26) C 72

APD 199 (14) R 70 APD 199 (19) C 70
APD 199 (29) C 73

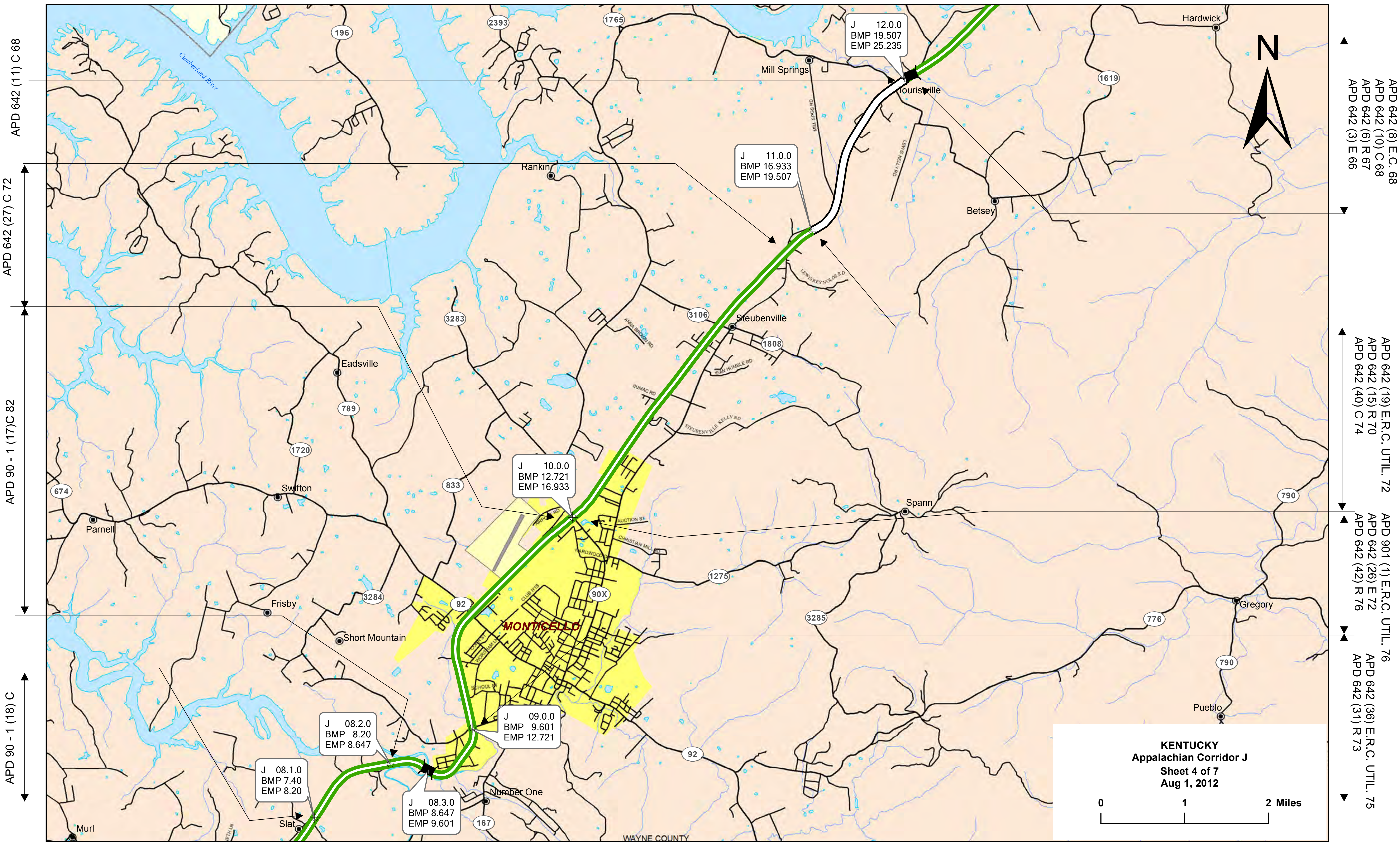


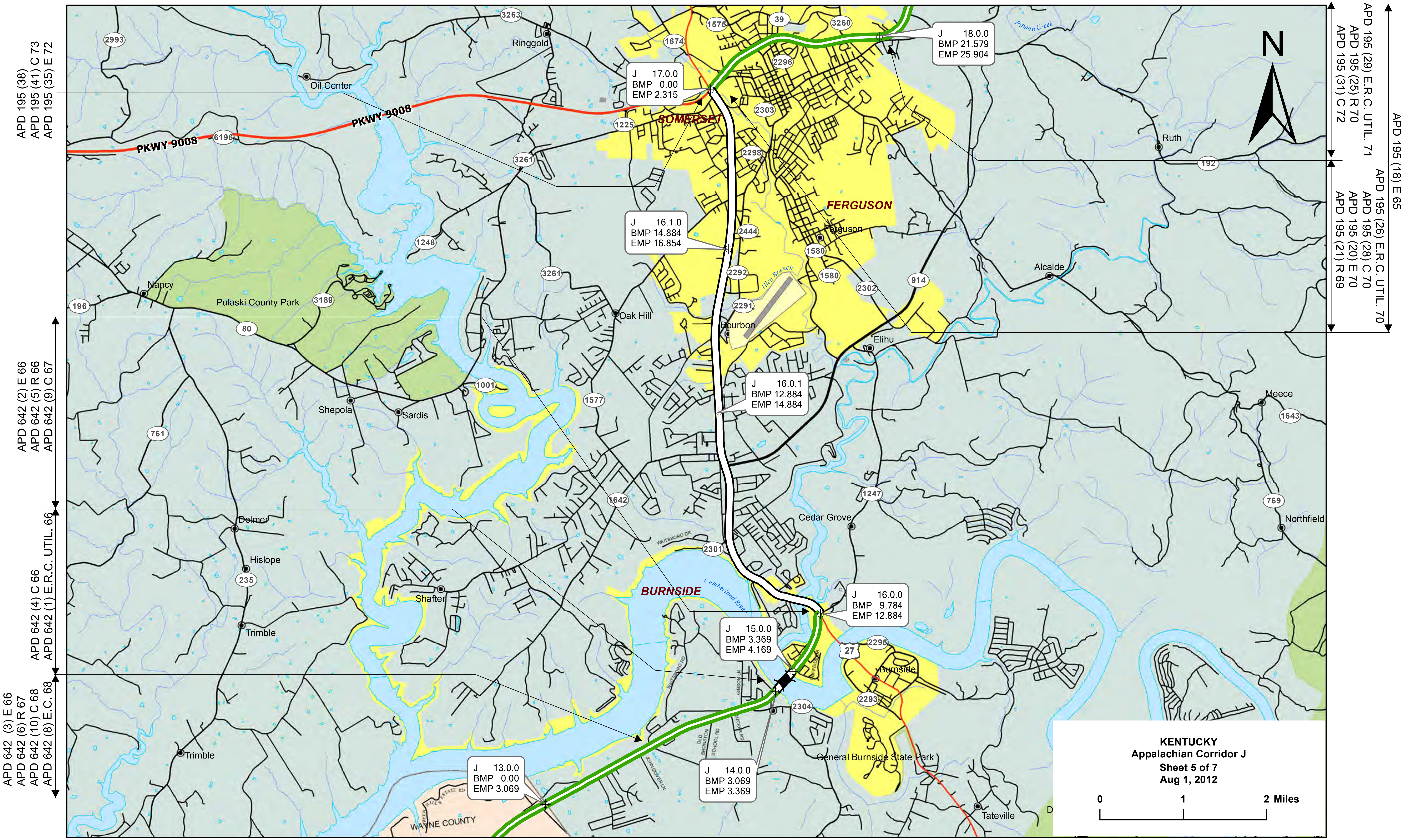
APD 642 (12) R 70
APD 642 (33) C 73
APD 642 (23) C 72

APD 199 (16) R 70
APD 199 (28) C 73
APD 199 (24) E.R.C. UTIL. 73

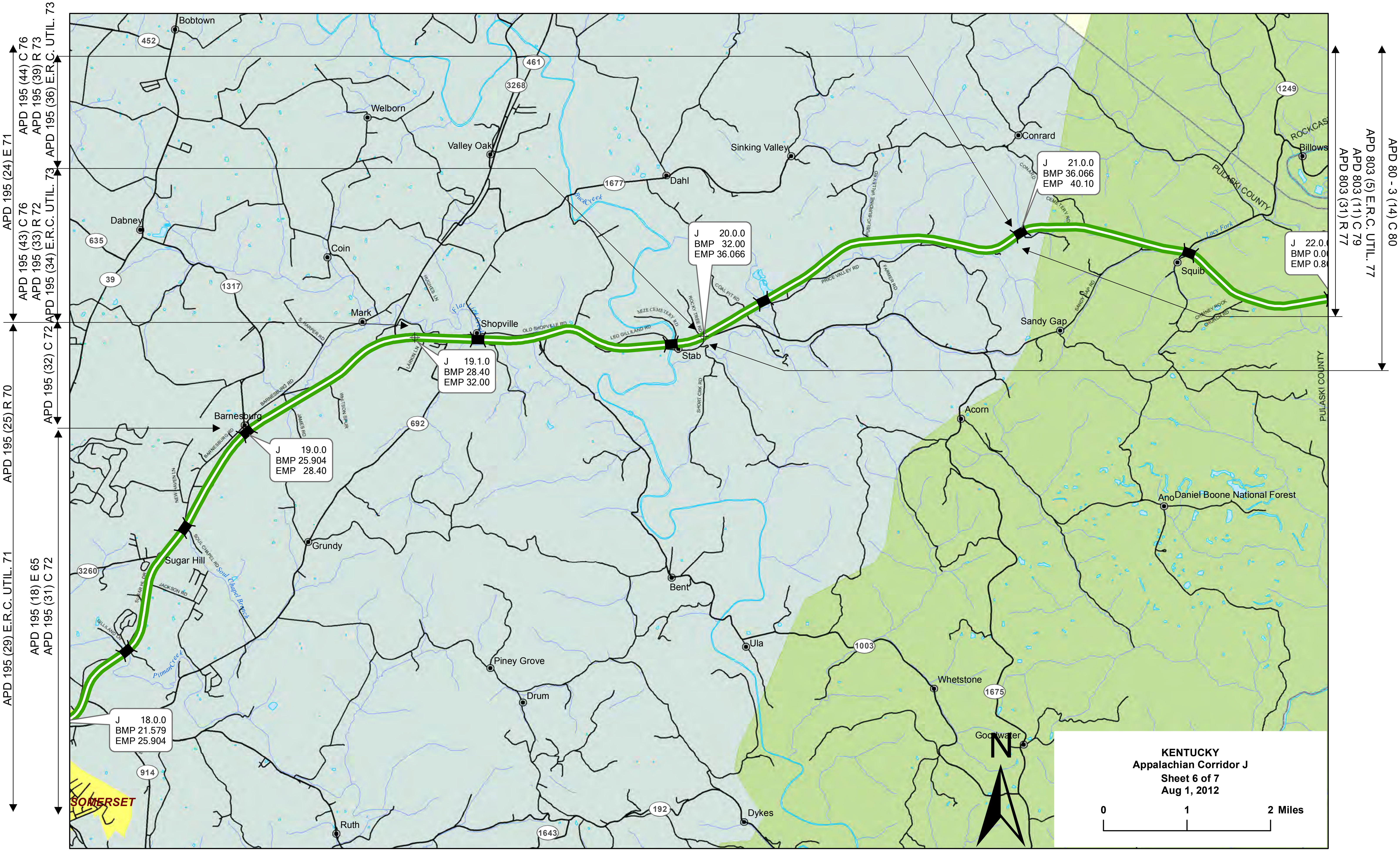


APD 90-1 (18) C
APD 642 (13) R 70
APD 642 (34) C 73
APD 642 (24) E.R.C. UTIL. 71
APD 642 (12) R 70
APD 642 (33) C 73
APD 642 (23) C 72
APD 642 (36) E.R.C. UTIL. 75
APD 642 (31) R 73
APD 642 (30) E.R.C. UTIL. 72
APD 642 (25) R 72
APD 642 (39) C 73
APD 642 (20) E.R.C. UTIL. 73
APD 642 (17) R 71
APD 642 (41) C 77
J 05.1.0
BMP 10.43
EMP 11.017
J 05.2.0
BMP 5.257
EMP 7.60
J 06.0.0
BMP 7.60
EMP 12.816
J 07.0.0
BMP 0.00
EMP 4.50
J 08.0.0
BMP 4.50
EMP 7.40
J 08.1.0
BMP 7.40
EMP 8.20
J 08.2.0
BMP 8.20
EMP 8.647
J 08.3.0
BMP 8.647
EMP 9.601
Watauga
Cumberland City
Narvel
Seventy Six
Marlow
Cartwright
Nora
Alpha
Wait
Zula
Susie
Snow
Upchurch
Cabell
Ramsey Island
Murl
Slat
Bethesda
Oilton
Shearer Valley
Windy
Gapcreek
Hidalgo
Powersburg
Cumberland River
CLINTON COUNTY
WAYNE COUNTY
1546
3045
2277
1266
558
829
2546
734
3062
3156
127
350
834
858
1009
200
3284
N
KENTUCKY
Appalachian Corridor J
Sheet 3 of 7
Aug 1, 2012
0
1
2 Miles


KENTUCKY
Appalachian Corridor J
Sheet 4 of 7
Aug 1, 2012
0
1
2 Miles
N
J 12.0.0
BMP 19.507
EMP 25.235
J 11.0.0
BMP 16.933
EMP 19.507
J 10.0.0
BMP 12.721
EMP 16.933
J 09.0.0
BMP 9.601
EMP 12.721
J 08.3.0
BMP 8.647
EMP 9.601
J 08.2.0
BMP 8.20
EMP 8.647
J 08.1.0
BMP 7.40
EMP 8.20
MONTICELLO
WAYNE COUNTY
Cumberland River
Hardwick
Mill Springs
Touristville
Rankin
Betsey
Steubenville
Eadsville
Swifton
Parnell
Spann
Frisby
Short Mountain
Gregory
Pueblo
Number One
Slat
Murl
196
2393
1765
1619
3283
3106
1808
789
1720
833
674
790
1275
90X
92
3284
3285
776
167
APD 642 (11) C 68
APD 642 (27) C 72
APD 90 - 1 (17)C 82
APD 90 - 1 (18) C
APD 642 (8) E.C. 68
APD 642 (10) C 68
APD 642 (6) R 67
APD 642 (3) E 66
APD 642 (19) E.R.C. UTIL. 72
APD 642 (15) R 70
APD 642 (40) C 74
APD 901 (1) E.R.C. UTIL. 76
APD 642 (26) E 72
APD 642 (42) R 76
APD 642 (36) E.R.C. UTIL. 75
APD 642 (31) R 73



KENTUCKY
Appalachian Corridor J
Sheet 5 of 7
Aug 1, 2012
0
1
2 Miles
N
J 18.0.0
BMP 21.579
EMP 25.904
J 17.0.0
BMP 0.00
EMP 2.315
J 16.1.0
BMP 14.884
EMP 16.854
J 16.0.1
BMP 12.884
EMP 14.884
J 16.0.0
BMP 9.784
EMP 12.884
J 15.0.0
BMP 3.369
EMP 4.169
J 14.0.0
BMP 3.069
EMP 3.369
J 13.0.0
BMP 0.00
EMP 3.069
APD 195 (38)
APD 195 (41) C 73
APD 195 (35) E 72
APD 195 (29) E.R.C. UTIL. 71
APD 195 (25) R 70
APD 195 (31) C 72
APD 195 (18) E 65
APD 195 (26) E.R.C. UTIL. 70
APD 195 (28) C 70
APD 195 (20) E 70
APD 195 (21) R 69
APD 642 (2) E 66
APD 642 (5) R 66
APD 642 (9) C 67
APD 642 (4) C 66
APD 642 (1) E.R.C. UTIL. 66
APD 642 (3) E 66
APD 642 (6) R 67
APD 642 (10) C 68
APD 642 (8) E.C. 68
PKWY 9008
SOMERSET
FERGUSON
BURNSIDE
Ringgold
Oil Center
Nancy
Pulaski County Park
Oak Hill
Bourbon
Ferguson
Elihu
Alcalde
Ruth
Meece
Northfield
Cedar Grove
Shepola
Sardis
Delmer
Hislope
Trimble
Shafter
Burnside
General Burnside State Park
Tateville
WAYNE COUNTY
Cumberland River
Allen Branch
Pitman Creek


KENTUCKY
Appalachian Corridor J
Sheet 6 of 7
Aug 1, 2012
0
1
2 Miles
N
J 18.0.0
BMP 21.579
EMP 25.904
J 19.0.0
BMP 25.904
EMP 28.40
J 19.1.0
BMP 28.40
EMP 32.00
J 20.0.0
BMP 32.00
EMP 36.066
J 21.0.0
BMP 36.066
EMP 40.10
APD 195 (44) C 76
APD 195 (39) R 73
APD 195 (36) E.R.C. UTIL. 73
APD 195 (24) E 71
APD 195 (43) C 76
APD 195 (33) R 72
APD 195 (34) E.R.C. UTIL. 73
APD 195 (32) C 72
APD 195 (25) R 70
APD 195 (29) E.R.C. UTIL. 71
APD 195 (18) E 65
APD 195 (31) C 72
APD 803 (5) E.R.C. UTIL. 77
APD 803 (11) C 79
APD 803 (31) R 77
APD 80 - 3 (14) C 80
Bobtown
Welborn
Valley Oak
Sinking Valley
Dahl
Conrad
Billows
Dabney
Coin
Mark
Shopville
Stab
Squib
Sandy Gap
Barnesburg
Acorn
Ano
Daniel Boone National Forest
Grundy
Sugar Hill
Bent
Ula
Whetstone
Piney Grove
Drum
Goodwater
Dykes
Ruth
SOMERSET
PULASKI COUNTY
452
461
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1249
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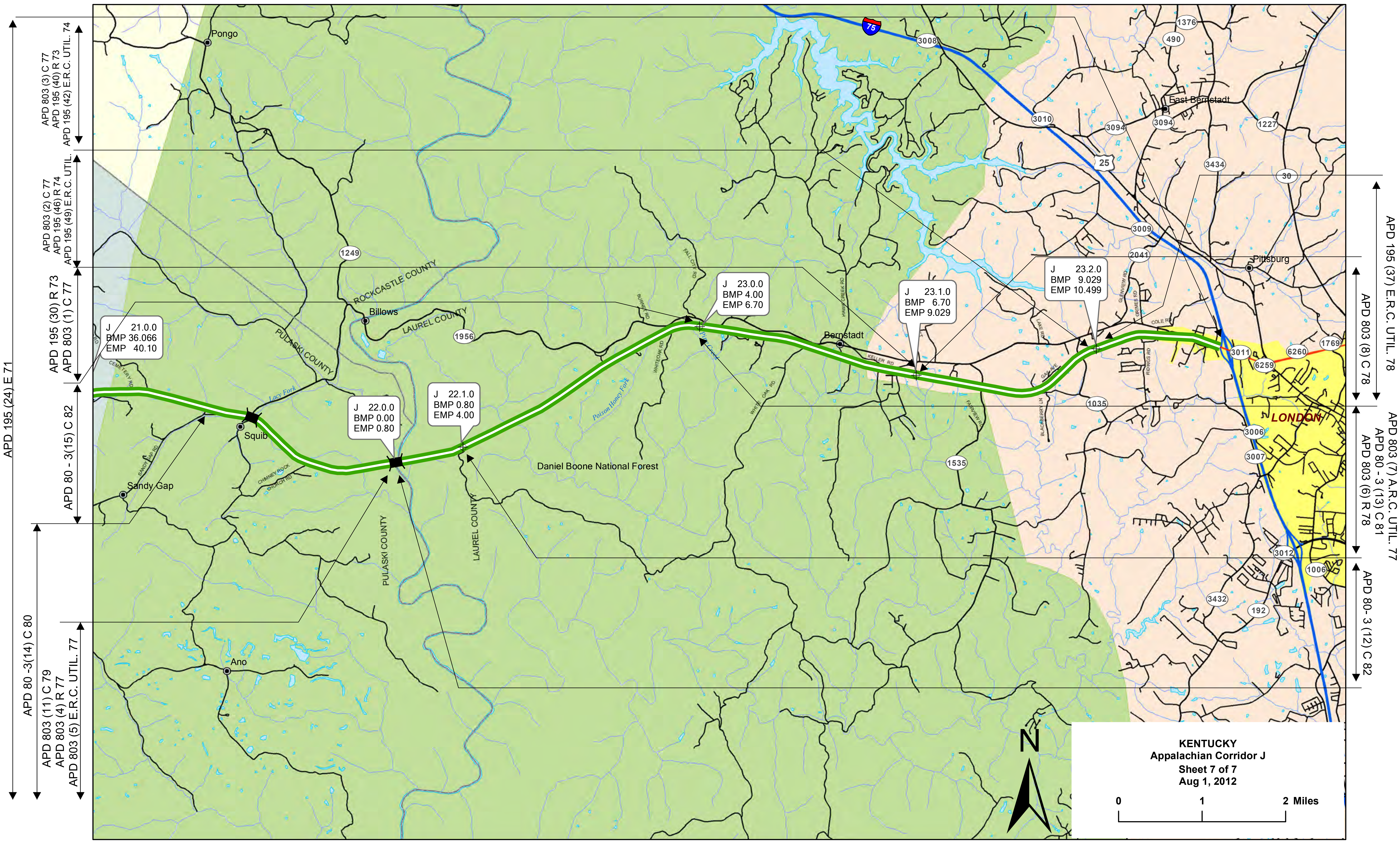
3260
914
192
1643
1003
1675



KENTUCKY
Appalachian Corridor J
Sheet 7 of 7
Aug 1, 2012
0
1
2 Miles
N
J 21.0.0
BMP 36.066
EMP 40.10
J 22.0.0
BMP 0.00
EMP 0.80
J 22.1.0
BMP 0.80
EMP 4.00
J 23.0.0
BMP 4.00
EMP 6.70
J 23.1.0
BMP 6.70
EMP 9.029
J 23.2.0
BMP 9.029
EMP 10.499
APD 803 (3) C 77
APD 195 (40) R 73
APD 195 (42) E.R.C. UTIL. 74
APD 803 (2) C 77
APD 195 (46) R 74
APD 195 (49) E.R.C. UTIL.
APD 195 (30) R 73
APD 803 (1) C 77
APD 80 - 3(15) C 82
APD 195 (24) E 71
APD 80 -3(14) C 80
APD 803 (11) C 79
APD 803 (4) R 77
APD 803 (5) E.R.C. UTIL. 77
APD 195 (37) E.R.C. UTIL. 78
APD 803 (8) C 78
APD 803 (7) A.R.C. UTIL. 77
APD 80 - 3 (13) C 81
APD 803 (6) R 78
APD 80- 3 (12) C 82
Pongo
Billows
Squib
Sandy Gap
Ano
Bernstadt
East Bernstadt
Pittsburg
LONDON
ROCKCASTLE COUNTY
LAUREL COUNTY
PULASKI COUNTY
Daniel Boone National Forest
Lacy Fork
Poison Honey Fork
75
25
1249
1956
1535
1035
3008
3010
3094
1376
490
1227
3434
30
3009
2041
3011
6259
6260
1769
3006
3007
3012
1006
3432
192

2012 Appalachian Developement Highway System Cost Estimate
Table B - Design Classification and Cost Estimate by Estimate Sections with Corridor Totals

State: KY

ADHS Corridor: Q

Section ID	**Q01.0.0**	**Q01.1.0**	**Q02.0.0**	**Q02.1.0**	**Q02.2.0**	**Q02.3.0**
LRS Milepoint: Beginning/Ending	**0.000/2.500**	**2.500/3.200**	**3.200/5.200**	**5.200/6.355**	**6.355/6.900**	**6.900/7.400**
Status	**Completed**	**Stage Construction**	**Stage Construction**	**Stage Construction**	**Stage Construction**	**Stage Construction**
1. Finance Code	20	21	21	21	21	23
2. Section Length(Miles)	2.5	0.7	2	1.2	0.5	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*	21/195/05	21/195/05	21/195/05	21/195/05	21/195/05	21/195/05
---- *b. HPMS Route/Subroute*	0000460APD/80	0000460APD/80	0000460APD/80	0000460APD/80	0000460APD/80	0000460APD/80
---- *c. HPMS Signed Route/Strip Map #*	0000460APD/Q1	0000460APD/Q1	0000460APD/Q1	0000460APD/Q1	0000460APD/Q1	0000460APD/Q1
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 (2010)*	8,200	8,500	8,000	7,300	7,300	7,300
---- *b. ADT-Year 2020*	9,800	9,700	9,000	8,100	8,100	8,100
---- *c. Design Year*	2,025	2,025	2,025	2,025	2,025	2,025
---- *d. ADT-Design Year*	11,700	10,300	9,600	8,600	8,500	8,500
---- *e. DHV-Design Year*	1,230	1,190	1,190	1,190	1,190	1,190
---- *f. % Truck Design Year(DHV)*	11	11	11	11	11	11
---- *g. % Truck Design Year(ADT)*	16	16	16	16	16	16
---- *h. Directional Distribution Factor*	59	59	59	59	59	59
8. Number of Lanes to be Constructed this Estimate	4	4	0	0	4	4
9. Ultimate Number of Through Traffic Lanes	4	4	4	4	4	4
10. Typical X-Section of Reference/Access Control	R14/Partial	R14/Partial	R14/Partial	R13/Partial	R14/Partial	R14/Partial
11. Right-of-Way Width(ft), prevailing	710	710	725	850	870	790
12. Median Width(ft), prevailing	40	40	40	14	40	40
13. Status of Development(Figure 4)	1b	3a3d	3a3d	3a3d	3a3d	3a3d

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	37	112	64	331	21
18. Subbase, Base, Surfacing, Shoulders	0	2,938	8,410	4,482	2,753	1,286
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	77	221	127	219	18
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	325	940	541	294	96
27. Subtotal(lines 17 thru 26)	**0**	**3,377**	**9,683**	**5,214**	**3,597**	**1,421**
28. Construction Engineering(8.00000000% of line 27)	**0**	**270**	**775**	**417**	**288**	**114**
29. Total Cost of Construction(lines 27 & 28)	**0**	**3,647**	**10,458**	**5,631**	**3,885**	**1,535**
30. Total Estimated Cost(lines 14, 15, 16, 29 & 5% Contingency)	**0**	**3,830**	**10,981**	**5,913**	**4,079**	**1,611**

2012 Appalachian Developement Highway System Cost Estimate
Table B - Design Classification and Cost Estimate by Estimate Sections with Corridor Totals

State: KY ADHS Corridor: Q

Section ID	Q03.0.0	Q04.0.0	Q05.0.0	Q05.1.0
LRS Milepoint: Beginning/Ending	**7.400/9.000**	**9.000/11.600**	**11.600/13.200**	**13.200/16.500**
Status	**Design/RoW**	**Design/RoW**	**Stage Construction**	**Design/RoW**
1. Finance Code	23	23	21	23
2. Section Length(Miles)	1.6	2.6	1.6	3.3
3. Class/Urban Code	R/0	R/0	R/0	R/0
4. Location:				
---- *a. FIPS State/County/Congressional*	21/195/05	21/195/05	21/195/05	21/195/05
---- *b. HPMS Route/Subroute*	0000460APD/80	0000460APD/80	0000460APD/80	0000460APD/80
---- *c. HPMS Signed Route/Strip Map #*	0000460APD/Q1	0000460APD/Q1	0000460APD/Q1	0000460APD/Q1
5. Estimate Section/NHS Designation	1/NHS	1/NHS	2/NHS	1/NHS
6. Design Speed(mph)	60	60	60	60
7. Traffic:				
---- *a. ADT-Base Year (2010)*	6,300	6,300	3,000	3,000
---- *b. ADT-Year 2020*	7,000	7,000	3,300	3,300
---- *c. Design Year*	2,025	2,025	2,025	2,025
---- *d. ADT-Design Year*	7,300	7,300	3,400	3,400
---- *e. DHV-Design Year*	1,170	1,170	740	690
---- *f. % Truck Design Year(DHV)*	11	11	5	6
---- *g. % Truck Design Year(ADT)*	16	16	7	8
---- *h. Directional Distribution Factor*	58	58	59	59
8. Number of Lanes to be Constructed this Estimate	4	4	4	4
9. Ultimate Number of Through Traffic Lanes	4	4	4	4
10. Typical X-Section of Reference/Access Control	R14/Partial	R14/Partial	R13/Partial	R14/Partial
11. Right-of-Way Width(ft), prevailing	750	720	760	790
12. Median Width(ft), prevailing	40	40	14	40
13. Status of Development(Figure 4)	4a1	4a2	3a3b	4a2

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	42,435	111,955	17,224	19,314
18. Subbase, Base, Surfacing, Shoulders	4,258	6,719	7,187	12,459
19. Railroad Grade Seperations	0	0	0	0
20. Highway Grade Seperations without Ramps	18,000	0	0	0
21. Interchanges	0	43,000	2,700	0
22. Other Bridges, Tunnels, and Walls	0	0	0	0
23. Traffic Control	60	150	76	188
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	4,504	9,863	1,754	2,224
27. Subtotal(lines 17 thru 26)	**69,257**	**171,687**	**28,941**	**34,185**
28. Construction Engineering(8.00000000% of line 27)	**5,541**	**13,735**	**2,315**	**2,735**
29. Total Cost of Construction(lines 27 & 28)	**74,798**	**185,422**	**31,256**	**36,920**
30. Total Estimated Cost(lines 14, 15, 16, 29 & 5% Contingency)	**78,537**	**194,693**	**32,819**	**38,766**

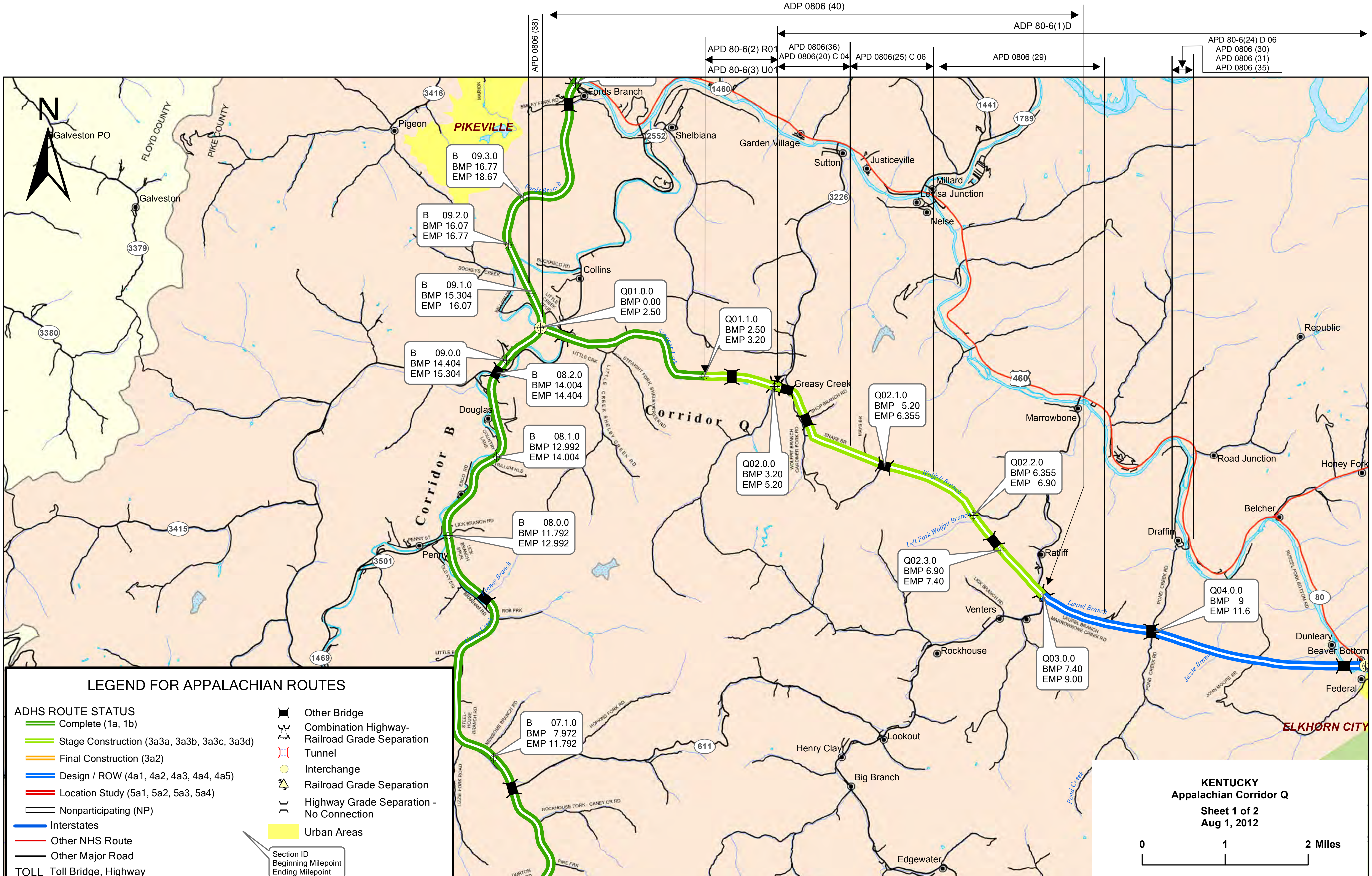
2012 Appalachian Developement Highway System Cost Estimate
Table B - Design Classification and Cost Estimate by Estimate Sections with Corridor Totals

State: KY ADHS Corridor: Q

Section ID **LRS Milepoint**	**Corridor Total**	**Rural Subtotal**	**Urban Subtotal**
1. Finance Code			
2. Section Length(Miles)	16.50	16.50	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 (2010)*			
---- *b. ADT-Year 2020*			
---- *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*			
---- *b. Design*			
15. Right-of-Way:			
---- *a. Acquisition*			
---- *b. Relocation*			
16. Utility Adjustments			
17. Erosion Control/Clear/Grade/Drain/Minor Structure	191,493	191,493	
18. Subbase, Base, Surfacing, Shoulders	50,492	50,492	
19. Railroad Grade Seperations			
20. Highway Grade Seperations without Ramps	18,000	18,000	
21. Interchanges	45,700	45,700	
22. Other Bridges, Tunnels, and Walls			
23. Traffic Control	1,136	1,136	
24. Environmental Mitigation			
25. Roadside Improvements:			
---- *a. Landscape Planting*			
---- *b. Rest Area, Overlooks*			
26. All Other Items	20,541	20,541	
27. Subtotal(lines 17 thru 26)	327,362	327,362	
28. Construction Engineering(8.00000000% of line 27)	26,189	26,189	
29. Total Cost of Construction(lines 27 & 28)	353,551	353,551	
30. Total Estimated Cost(lines 14, 15, 16, 29 & 5% Contingency)	371,229	371,229	



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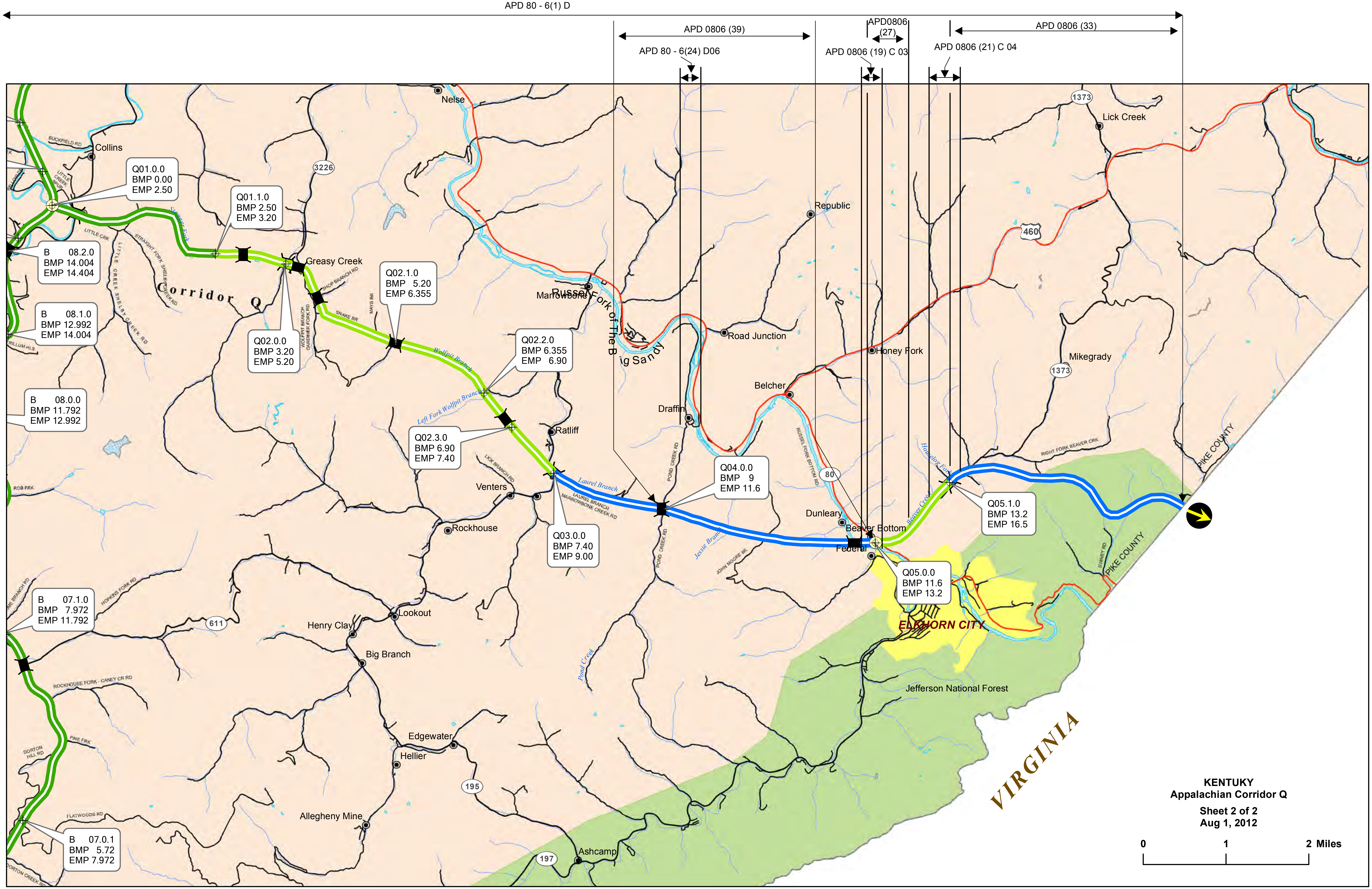
ADP 80-6(1)D
APD 0806 (38)
APD 80-6(2) R01
APD 80-6(3) U01
APD 0806(36)
APD 0806(20) C 04
APD 0806(25) C 06
APD 0806 (29)
APD 80-6(24) D 06
APD 0806 (30)
APD 0806 (31)
APD 0806 (35)
N
Galveston PO
FLOYD COUNTY
PIKE COUNTY
Pigeon
PIKEVILLE
Fords Branch
Shelbiana
Garden Village
Sutton
Justiceville
Millard
Levisa Junction
Nelse
Galveston
Collins
Republic
Greasy Creek
Marrowbone
Road Junction
Honey Fork
Belcher
Draffin
Ratliff
Venters
Rockhouse
Dunleary
Beaver Bottom
Federal
ELKHORN CITY
Douglas
Penny
Lookout
Henry Clay
Big Branch
Edgewater
Corridor B
Corridor Q
B 09.3.0
BMP 16.77
EMP 18.67
B 09.2.0
BMP 16.07
EMP 16.77
B 09.1.0
BMP 15.304
EMP 16.07
B 09.0.0
BMP 14.404
EMP 15.304
B 08.2.0
BMP 14.004
EMP 14.404
B 08.1.0
BMP 12.992
EMP 14.004
B 08.0.0
BMP 11.792
EMP 12.992
B 07.1.0
BMP 7.972
EMP 11.792
Q01.0.0
BMP 0.00
EMP 2.50
Q01.1.0
BMP 2.50
EMP 3.20
Q02.0.0
BMP 3.20
EMP 5.20
Q02.1.0
BMP 5.20
EMP 6.355
Q02.2.0
BMP 6.355
EMP 6.90
Q02.3.0
BMP 6.90
EMP 7.40
Q03.0.0
BMP 7.40
EMP 9.00
Q04.0.0
BMP 9
EMP 11.6
3416
1460
2552
1441
1789
3226
460
3379
3380
3415
3501
1469
611
80
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
KENTUCKY
Appalachian Corridor Q
Sheet 1 of 2
Aug 1, 2012
0
1
2 Miles



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APD 0806 (39)
APD 80 - 6(24) D06
APD0806 (27)
APD 0806 (19) C 03
APD 0806 (33)
APD 0806 (21) C 04
Q01.0.0 BMP 0.00 EMP 2.50
Q01.1.0 BMP 2.50 EMP 3.20
B 08.2.0 BMP 14.004 EMP 14.404
B 08.1.0 BMP 12.992 EMP 14.004
Q02.0.0 BMP 3.20 EMP 5.20
Q02.1.0 BMP 5.20 EMP 6.355
Q02.2.0 BMP 6.355 EMP 6.90
B 08.0.0 BMP 11.792 EMP 12.992
Q02.3.0 BMP 6.90 EMP 7.40
Q03.0.0 BMP 7.40 EMP 9.00
Q04.0.0 BMP 9 EMP 11.6
Q05.0.0 BMP 11.6 EMP 13.2
Q05.1.0 BMP 13.2 EMP 16.5
B 07.1.0 BMP 7.972 EMP 11.792
B 07.0.1 BMP 5.72 EMP 7.972
Corridor Q
Collins
Nelse
Greasy Creek
Marrowbone
Russel Fork of The Big Sandy
Republic
Road Junction
Honey Fork
Belcher
Draffin
Ratliff
Venters
Rockhouse
Dunleary
Beaver Bottom
Federal
Lick Creek
Mikegrady
ELKHORN CITY
Jefferson National Forest
Lookout
Henry Clay
Big Branch
Edgewater
Hellier
Allegheny Mine
Ashcamp
PIKE COUNTY
VIRGINIA
3226
1373
460
80
611
195
197
KENTUKY
Appalachian Corridor Q
Sheet 2 of 2
Aug 1, 2012
0
1
2 Miles

2012 Appalachian Developement Highway System Cost Estimate
Table B - Design Classification and Cost Estimate by Estimate Sections with Corridor Totals

State: KY ADHS Corridor: R

Section ID	R 01.0.0	R 01.1.0	R 01.2.0	R 02.0.0	R 02.1.0	R 02.2.0
LRS Milepoint: Beginning/Ending	**42.696/57.681**	**57.681/63.084**	**63.084/71.740**	**71.740/75.627**	**12.658/14.778**	**0.000/5.026**
Status	**NP**	**NP**	**NP**	**NP**	**NP**	**NP**
1. Finance Code	20	20	20	20	20	20
2. Section Length(Miles)	14.5	5.4	8.6	3.9	2	5
3. Class/Urban Code	R/0	R/0	R/0	R/0	R/0	R/0
4. Location:						
---- *a. FIPS State/County/Congressional*	21/237/05	21/175/05	21/153/05	21/153/05	21/153/05	21/153/05
---- *b. HPMS Route/Subroute*	0000009009/00	0000009009/00	0000009009/00	0000009009/00	0000000460/00	0000000114/00
---- *c. HPMS Signed Route/Strip Map #*	3000009009/R1	3000009009/R1	3000009009/R2	3000009009/R2	2000000460/R3	3000000114/R3
5. Estimate Section/NHS Designation	2/NHS	2/NHS	2/NHS	2/NHS	2/NHS	2/NHS
6. Design Speed(mph)	60	60	60	60	60	60
7. Traffic:						
---- *a. ADT-Base Year (2010)*	4,700	5,300	5,300	8,200	16,100	6,200
---- *b. ADT-Year 2020*	6,300	8,100	8,100	12,100	22,600	9,400
---- *c. Design Year*	1,982	1,982	1,982	1,982	1,982	1,982
---- *d. ADT-Design Year*	2,600	2,600	2,600	6,700	6,700	6,700
---- *e. DHV-Design Year*	290	290	290	740	740	740
---- *f. % Truck Design Year(DHV)*	8	8	8	9	9	9
---- *g. % Truck Design Year(ADT)*	12	12	12	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	2	2	2	2	2	2
10. Typical X-Section of Reference/Access Control	R9a/Full	R9a/Full	R9a/Full	R9a/Full	R9a/None	R9a/None
11. Right-of-Way Width(ft), prevailing	150	150	150	130	130	130
12. Median Width(ft), prevailing	0	0	0	0	0	0
13. Status of Development(Figure 4)	np	np	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(8.00000000% 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**

2012 Appalachian Developement Highway System Cost Estimate
Table B - Design Classification and Cost Estimate by Estimate Sections with Corridor Totals

State: KY ADHS Corridor: R

Section ID	**R 02.3.0**
LRS Milepoint: Beginning/Ending	**0.000/11.286**
Status	**NP**
1. Finance Code	20
2. Section Length(Miles)	11.3
3. Class/Urban Code	R/0
4. Location:	
---- *a. FIPS State/County/Congressional*	21/071/05
---- *b. HPMS Route/Subroute*	0000000114/00
---- *c. HPMS Signed Route/Strip Map #*	3000000114/R3
5. Estimate Section/NHS Designation	2/NHS
6. Design Speed(mph)	60
7. Traffic:	
---- *a. ADT-Base Year (2010)*	16,100
---- *b. ADT-Year 2020*	12,600
---- *c. Design Year*	1,982
---- *d. ADT-Design Year*	6,700
---- *e. DHV-Design Year*	740
---- *f. % Truck Design Year(DHV)*	9
---- *g. % Truck Design Year(ADT)*	14
---- *h. Directional Distribution Factor*	60
8. Number of Lanes to be Constructed this Estimate	0
9. Ultimate Number of Through Traffic Lanes	2
10. Typical X-Section of Reference/Access Control	R9a/Partial
11. Right-of-Way Width(ft), prevailing	130
12. Median Width(ft), prevailing	0
13. Status of Development(Figure 4)	np

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(8.00000000% 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**

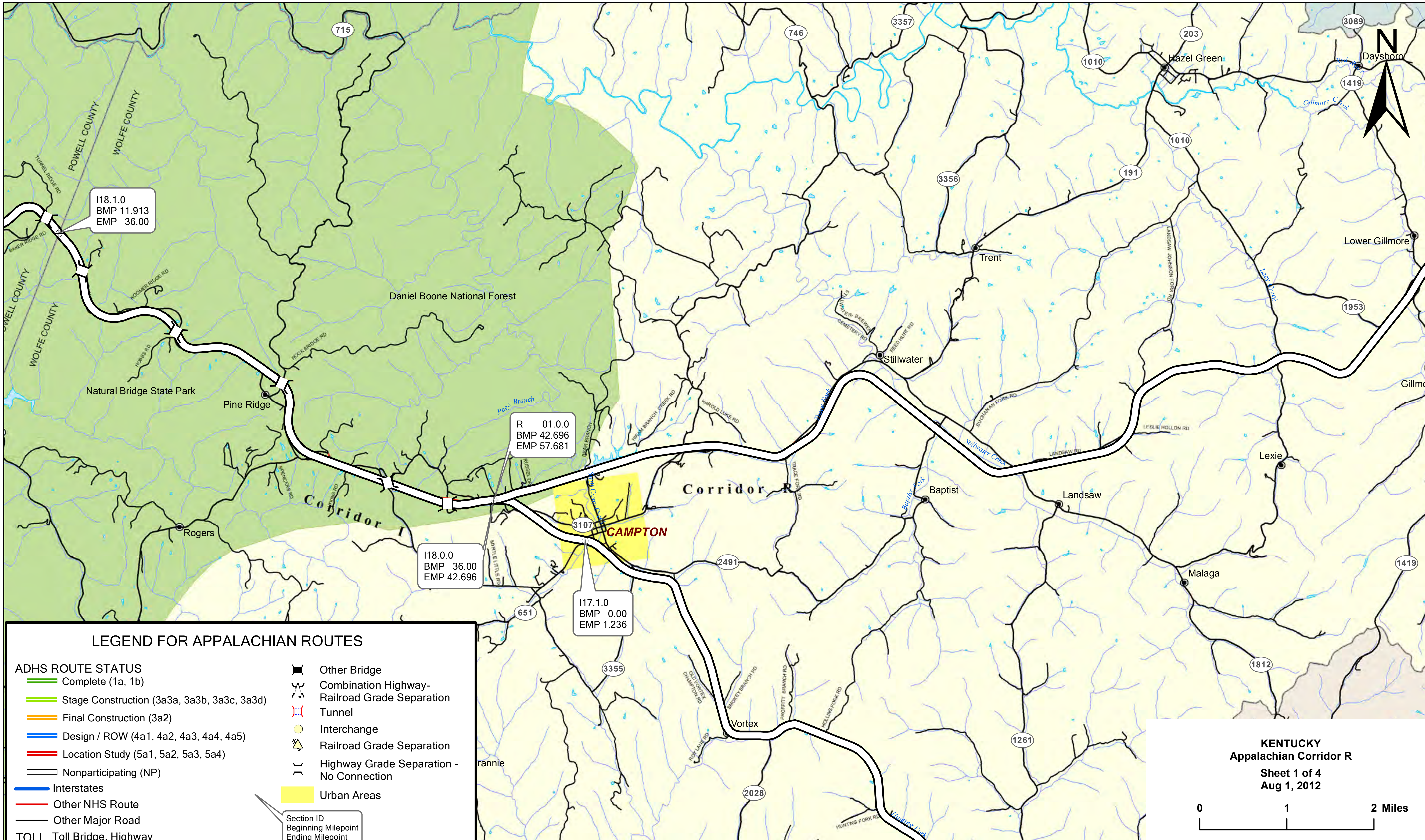
2012 Appalachian Developement Highway System Cost Estimate
Table B - Design Classification and Cost Estimate by Estimate Sections with Corridor Totals

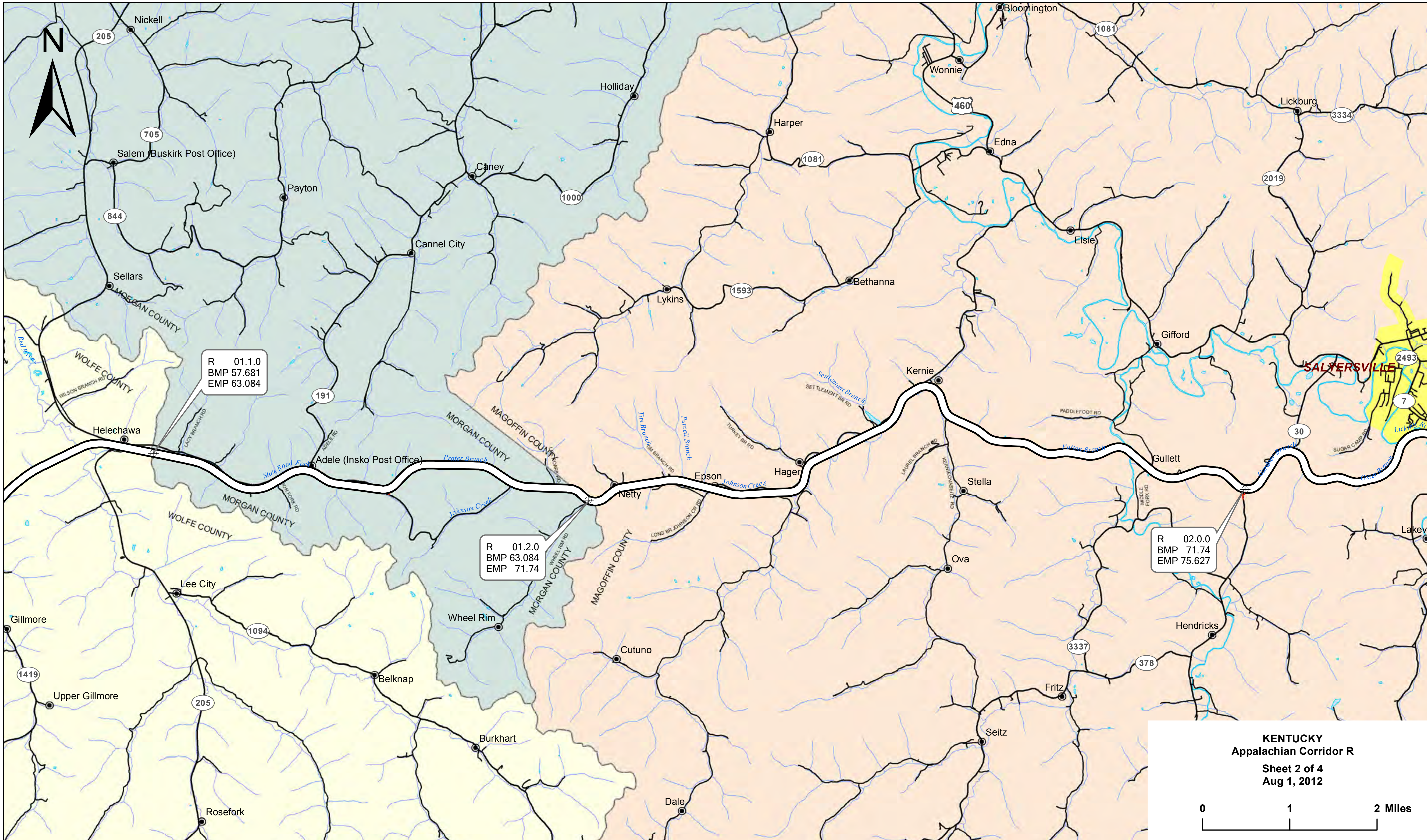
State: KY ADHS Corridor: R

Section ID	**Corridor**	**Rural**	**Urban**
LRS Milepoint	**Total**	**Subtotal**	**Subtotal**
1. Finance Code			
2. Section Length(Miles)	50.70	50.70	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 (2010)*			
---- *b. ADT-Year 2020*			
---- *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*			
---- *b. Design*			
15. Right-of-Way:			
---- *a. Acquisition*			
---- *b. Relocation*			
16. Utility Adjustments			
17. Erosion Control/Clear/Grade/Drain/Minor Structure			
18. Subbase, Base, Surfacing, Shoulders			
19. Railroad Grade Seperations			
20. Highway Grade Seperations without Ramps			
21. Interchanges			
22. Other Bridges, Tunnels, and Walls			
23. Traffic Control			
24. Environmental Mitigation			
25. Roadside Improvements:			
---- *a. Landscape Planting*			
---- *b. Rest Area, Overlooks*			
26. All Other Items			
27. Subtotal(lines 17 thru 26)			
28. Construction Engineering(8.00000000% of line 27)			
29. Total Cost of Construction(lines 27 & 28)			
30. Total Estimated Cost(lines 14, 15, 16, 29 & 5% Contingency)			

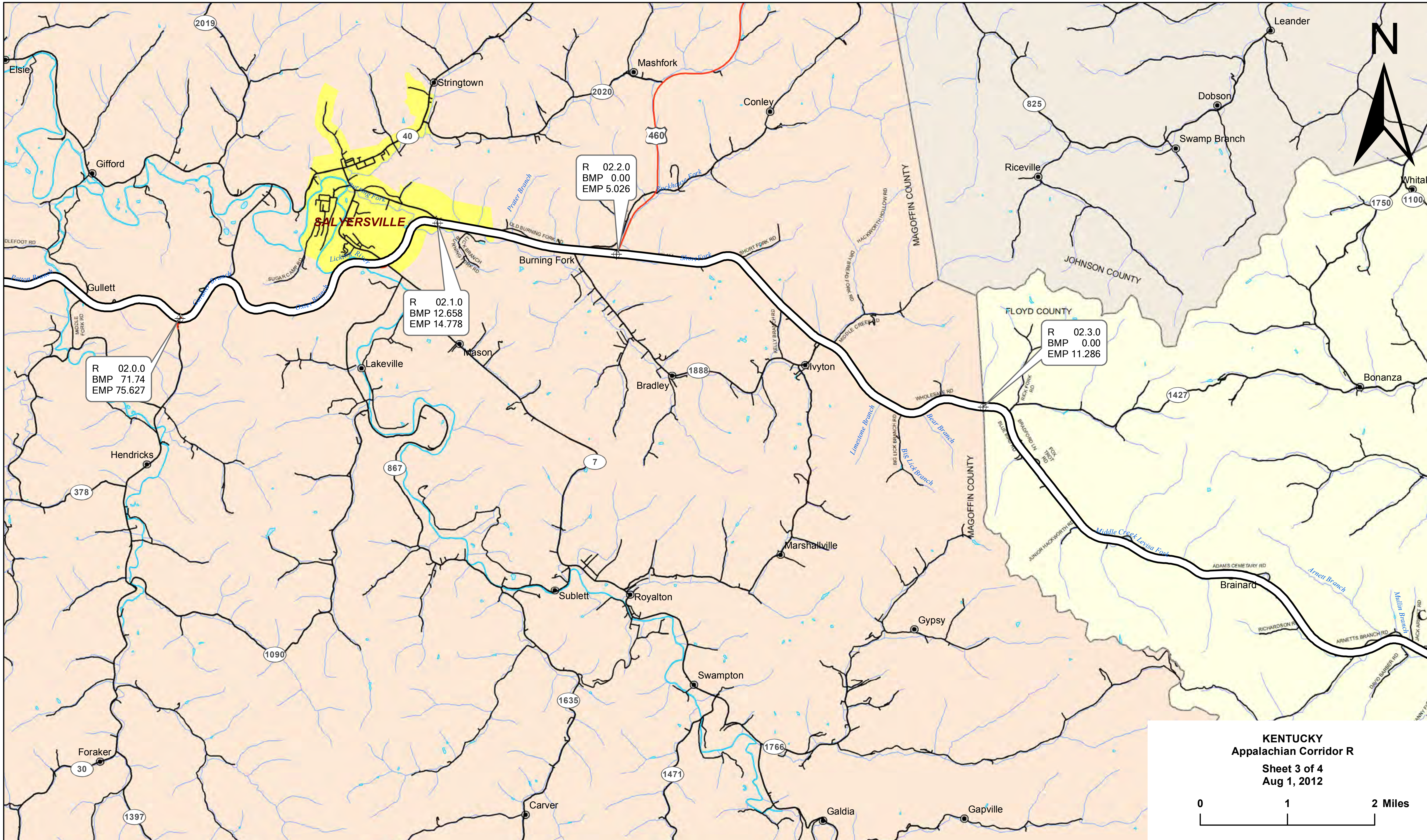

LEGEND FOR APPALACHIAN ROUTES
ADHS ROUTE STATUS
Complete (1a, 1b)
Stage Construction (3a3a, 3a3b, 3a3c, 3a3d)
Final Construction (3a2)
Design / ROW (4a1, 4a2, 4a3, 4a4, 4a5)
Location Study (5a1, 5a2, 5a3, 5a4)
Nonparticipating (NP)
Interstates
Other NHS Route
Other Major Road
TOLL Toll Bridge, Highway
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
KENTUCKY
Appalachian Corridor R
Sheet 1 of 4
Aug 1, 2012
0
1
2 Miles
N
I18.1.0
BMP 11.913
EMP 36.00
R 01.0.0
BMP 42.696
EMP 57.681
I18.0.0
BMP 36.00
EMP 42.696
I17.1.0
BMP 0.00
EMP 1.236
Corridor R
Corridor I
CAMPTON
Daniel Boone National Forest
Natural Bridge State Park
POWELL COUNTY
WOLFE COUNTY
Pine Ridge
Rogers
Trent
Stillwater
Baptist
Landsaw
Malaga
Lexie
Lower Gillmore
Gillmore
Hazel Green
Daysboro
Vortex
Page Branch
Stillwater Creek
Gillmore Creek
715
746
3357
1010
203
3089
1419
3356
191
1953
3107
2491
651
3355
2028
1261
1812

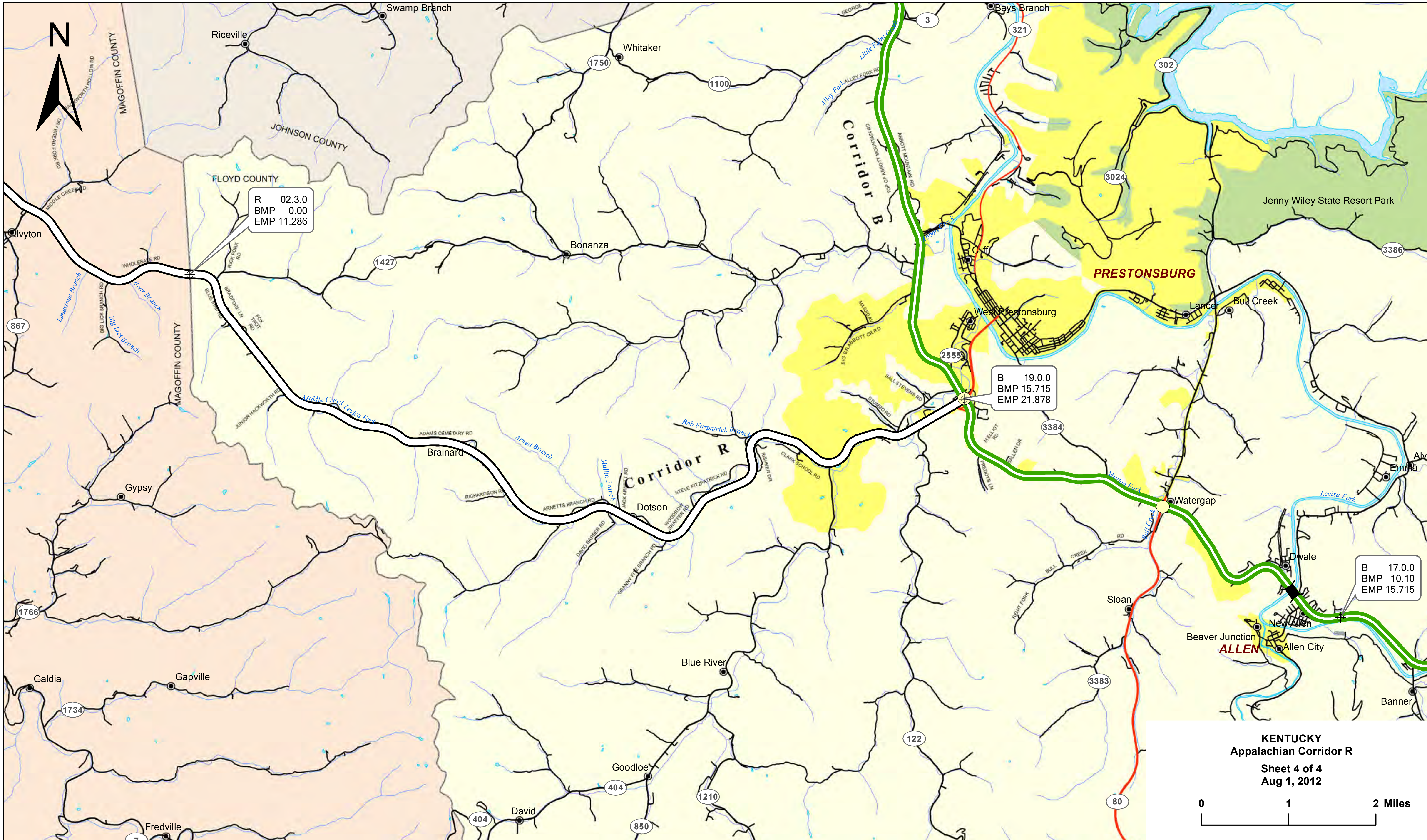


KENTUCKY
Appalachian Corridor R

Sheet 2 of 4
Aug 1, 2012

0 1 2 Miles


N
Elsie
2019
Stringtown
Mashfork
2020
Conley
460
40
Gifford
SALYERSVILLE
Prater Branch
R 02.2.0
BMP 0.00
EMP 5.026
OLD BURNING FORK RD
Burning Fork
SHORT FORK RD
Gullett
R 02.1.0
BMP 12.658
EMP 14.778
R 02.0.0
BMP 71.74
EMP 75.627
Mason
Lakeville
Bradley
1888
Ivyton
MAGOFFIN COUNTY
JOHNSON COUNTY
FLOYD COUNTY
Leander
Dobson
825
Swamp Branch
Riceville
Whitaker
1750
1100
R 02.3.0
BMP 0.00
EMP 11.286
Bonanza
1427
Hendricks
378
867
7
Limestone Branch
Bear Branch
Big Lick Branch
Middle Creek Levisa Fork
Arnett Branch
Brainard
Marshallville
Sublett
Royalton
Gypsy
1090
Swampton
1635
1766
1471
Foraker
30
1397
Carver
Galdia
Gapville
KENTUCKY
Appalachian Corridor R
Sheet 3 of 4
Aug 1, 2012
0
1
2 Miles


N
Swamp Branch
Riceville
Whitaker
Bays Branch
MAGOFFIN COUNTY
JOHNSON COUNTY
FLOYD COUNTY
R 02.3.0
BMP 0.00
EMP 11.286
Ivyton
Bonanza
Corridor B
Corridor R
Cliff
PRESTONSBURG
West Prestonsburg
Lancer
Bull Creek
Jenny Wiley State Resort Park
B 19.0.0
BMP 15.715
EMP 21.878
Brainard
Dotson
Gypsy
Watergap
Alvin
Emma
Dwale
B 17.0.0
BMP 10.10
EMP 15.715
Sloan
New Allen
Beaver Junction
ALLEN
Allen City
Blue River
Galdia
Gapville
Banner
Goodloe
David
Fredville
Middle Creek Levisa Fork
Bob Fitzpatrick Branch
Arnett Branch
Mullin Branch
Levisa Fork
Mud Lick Branch
Big Lick Branch
Bear Branch
Limestone Branch
3
321
302
1750
1100
1427
3024
3386
2555
3384
867
1766
1734
3383
122
80
404
1210
850
7
KENTUCKY
Appalachian Corridor R
Sheet 4 of 4
Aug 1, 2012
0
1
2 Miles

2012 Appalachian Development Highway System Cost Estimate

Table C State/Commonwealth of Kentucky

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		B1		F	
Class: Rural or Urban	Rural	Urban	Rural	Urban	Rural	Urban
Length in miles	0.0	0.0	0.0	0.0	14.6	0.0
Total Mileage (Rural + Urban)	0.0		0.0		14.6	
Work Classification	Estimated Costs ($1,000)					
14. Preliminary Engineering: a. Location	0	0	0	0	0	0
b. Design	0	0	0	0	6,000	0
15. Right-of-Way: a. Acquisition	0	0	0	0	3,420	0
b. Relocation	0	0	0	0	1,232	0
16. Utility Adjustments	0	0	0	0	1,725	0
17. Ersn Ctrl/Clear/Grade/Drain/Minor Structure	0	0	0	0	114,251	0
18. Subbase, Base, Surfacing, Shoulders	0	0	0	0	10,061	0
19. Railroad Grade Separations	0	0	0	0	0	0
20. Highway Grade Separation 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	232,367	0
23. Traffic Control	0	0	0	0	1,710	0
24. Environmental Mitigation	0	0	0	0	3,000	0
25. Roadside Improvements: a. Landscape Planting	0	0	0	0	0	0
b. Rest Areas, Overlooks	0	0	0	0	0	0
26. All Other Items	0	0	0	0	16,205	0
27. Subtotal (Lines 17 through 26)	0	0	0	0	377,594	0
28. Construction E & C (8.00% of line 27)	0	0	0	0	30,208	0
29. Total Cost of Construction (lines 27 and 28)	0	0	0	0	407,802	0
30. Total Estimated Cost (lines 14, 15, 16, & 29)	0	0	0	0	441,187	0
31. Total Cost (Rural + Urban)	0		0		441,187	

2012 Appalachian Development Highway System Cost Estimate

Table C State/Commonwealth of Kentucky

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	G		I		J	
Class: Rural or Urban	Rural	Urban	Rural	Urban	Rural	Urban
Length in miles	0.0	0.0	0.0	0.0	0.0	0.0
Total Mileage (Rural + Urban)	0.0		0.0		0.0	
Work Classification	Estimated Costs ($1,000)					
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. Ersn Ctrl/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 Separations	0	0	0	0	0	0
20. Highway Grade Separation 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 Areas, Overlooks	0	0	0	0	0	0
26. All Other Items	0	0	0	0	0	0
27. Subtotal (Lines 17 through 26)	0	0	0	0	0	0
28. Construction E & C (8.00% of line 27)	0	0	0	0	0	0
29. Total Cost of Construction (lines 27 and 28)	0	0	0	0	0	0
30. Total Estimated Cost (lines 14, 15, 16, & 29)	0	0	0	0	0	0
31. Total Cost (Rural + Urban)	0		0		0	

2012 Appalachian Development Highway System Cost Estimate

Table C State/Commonwealth of Kentucky

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	Q		R		Subtotal		State Total
Class: Rural or Urban	Rural	Urban	Rural	Urban	Rural	Urban	
Length in miles	14.0	0.0	0.0	0.0	28.6	0.0	
Total Mileage (Rural + Urban)	14.0		0.0				28.6
Work Classification	Estimated Costs ($1,000)						
14. Preliminary Engineering: a. Location	0	0	0	0	0	0	0
b. Design	0	0	0	0	6,000	0	6,000
15. Right-of-Way: a. Acquisition	0	0	0	0	3,420	0	3,420
b. Relocation	0	0	0	0	1,232	0	1,232
16. Utility Adjustments	0	0	0	0	1,725	0	1,725
17. Ersn Ctrl/Clear/Grade/Drain/Minor Structure	191,493	0	0	0	305,744	0	305,744
18. Subbase, Base, Surfacing, Shoulders	50,492	0	0	0	60,553	0	60,553
19. Railroad Grade Separations	0	0	0	0	0	0	0
20. Highway Grade Separation without Ramps	18,000	0	0	0	18,000	0	18,000
21. Interchanges	45,700	0	0	0	45,700	0	45,700
22. Other Bridges, Tunnels, and Walls	0	0	0	0	232,367	0	232,367
23. Traffic Control	1,136	0	0	0	2,846	0	2,846
24. Environmental Mitigation	0	0	0	0	3,000	0	3,000
25. Roadside Improvements: a. Landscape Planting	0	0	0	0	0	0	0
b. Rest Areas, Overlooks	0	0	0	0	0	0	0
26. All Other Items	20,541	0	0	0	36,746	0	36,746
27. Subtotal (Lines 17 through 26)	327,362	0	0	0	704,956	0	704,956
28. Construction E & C (8.00% of line 27)	26,189	0	0	0	56,396	0	56,396
29. Total Cost of Construction (lines 27 and 28)	353,551	0	0	0	761,352	0	761,352
30. Total Estimated Cost (lines 14, 15, 16, & 29)	371,229	0	0	0	812,416	0	
31. Total Cost (Rural + Urban)	371,229		0				812,416

TABLE D
Prefinanced (AC-APD) Projects, Bond Issue Projects, and Advanced Right-of-Way Projects
(Projects Completed or in Authorized Status as of Sept 30, 2011)

State/Commonwealth of Kentucky

Appalachian Corridor	Estimate Section (Milepost)	Project Number	Work Class	Rural or Urban	APD Funds	State Funds	Total Cost ($1,000)
		Totals					

TABLE E
Federal Funds Earmarked for the ADHS and Not Obligated by Sept 30, 2011

State/Commonwealth of Kentucky

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
Public Law 108-447	126	Q	54MO	US 460 New Route Construction Pike County, Kentucky	14,880,000	187,550.69