



# KENTUCKY

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2007 ESTIMATE  
OF THE COST TO COMPLETE  
THE APPALACHIAN DEVELOPMENT HIGHWAY SYSTEM  
IN THE COMMONWEALTH OF KENTUCKY

May 2007  
(Data as of September 30, 2006)

Prepared by the Kentucky Department of Transportation

In Cooperation with the

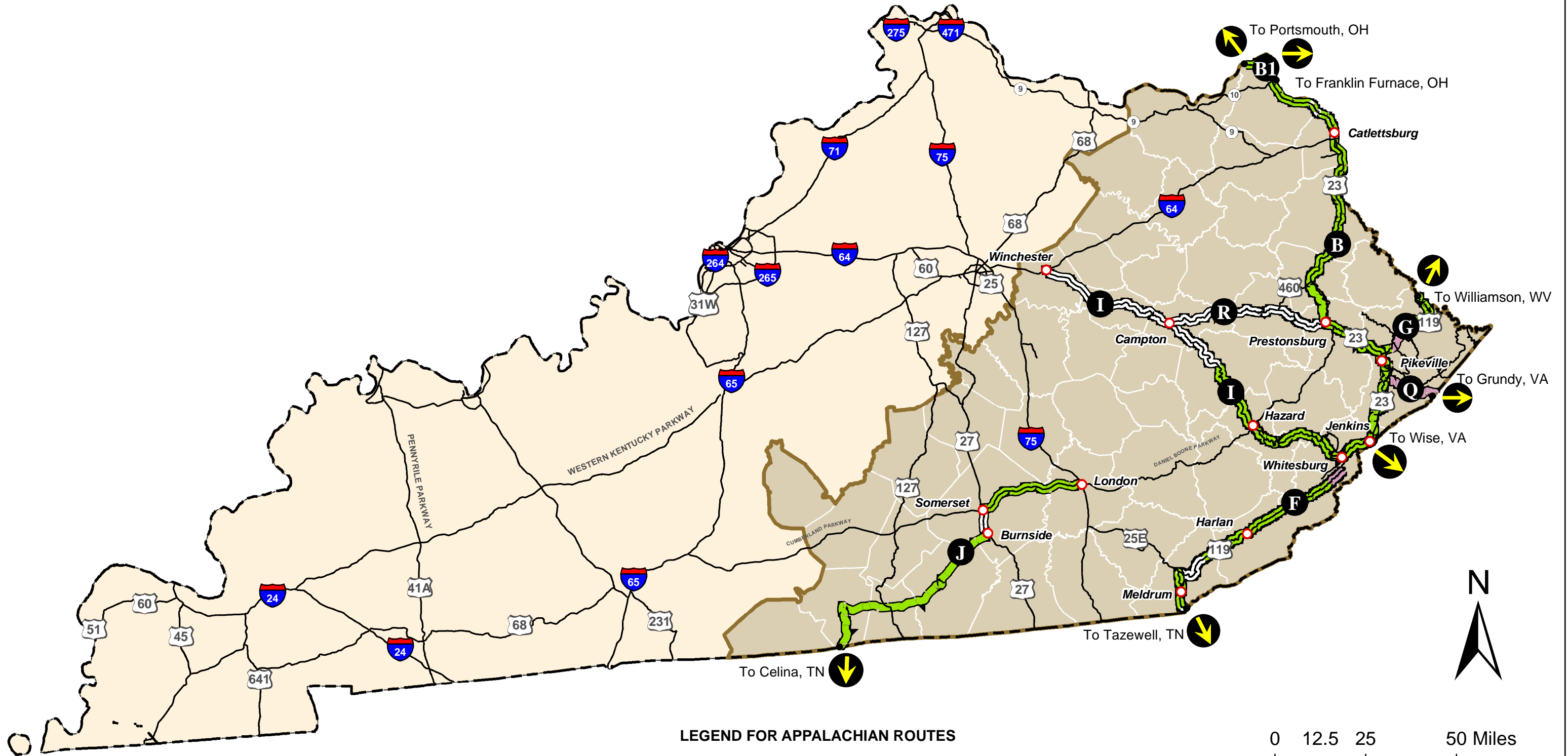
U.S. Department of Transportation  
Federal Highway Administration  
Appalachian Regional Commission  
and the

Nick J. Rahall, II Appalachian Transportation Institute



# KENTUCKY PORTION OF APPALACHIAN DEVELOPMENT HIGHWAY SYSTEM

COMMONWEALTH OF KENTUCKY



## LEGEND FOR APPALACHIAN ROUTES

- ADHS Route Status**
- Complete
  - To be Completed
  - Nonparticipating

- Interstate System
- Other NHS Route

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



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



This 2007 Estimate of the Cost of Completing the Appalachian Development Highway System in the Commonwealth of Kentucky as of September 30, 2006 was prepared in accordance with the 2007 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 State/Commonwealth's full intention to construct all of the Appalachian Development Highway System Corridors herein and to the standards indicated in this Estimate.

 8/30/07

Marc D. Williams  
Commissioner of Highways  
Kentucky Transportation Cabinet

 8/20/07

Jose Sepulveda  
Division Administrator  
Federal Highway Administration

**TABLE A**  
Appalachian Corridor Segment Descriptions

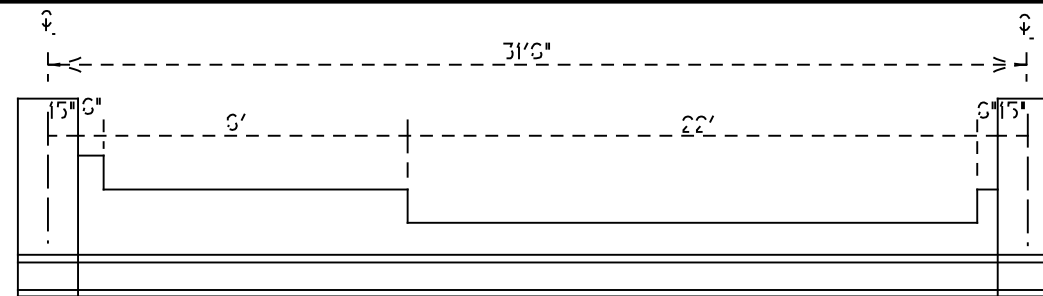
State/Commonwealth of Kentucky

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

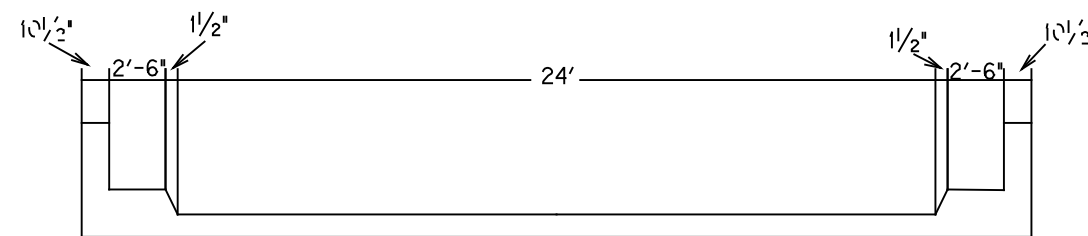
State/Commonwealth of Kentucky

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

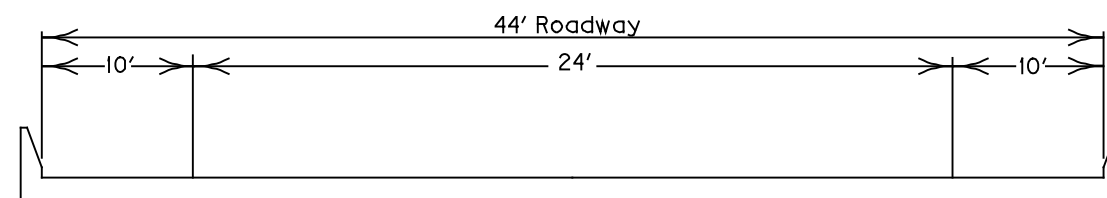
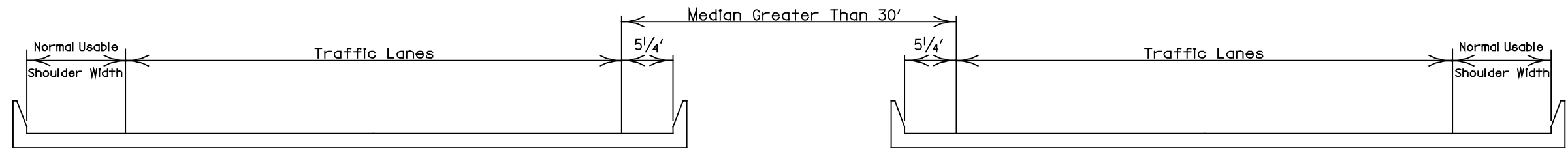
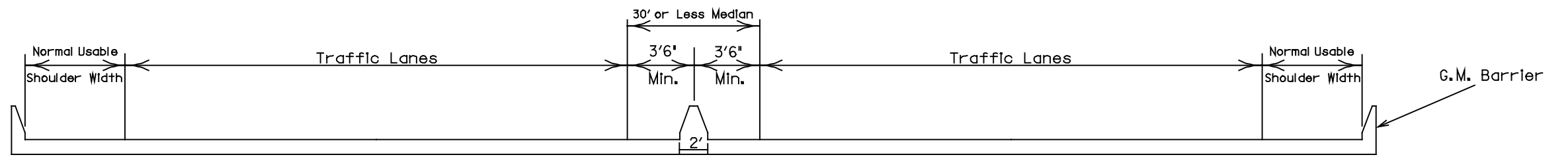
THROUGH TRUSS BRIDGE  
OVER OHIO RIVER AT SOUTH PORTSMOUTH



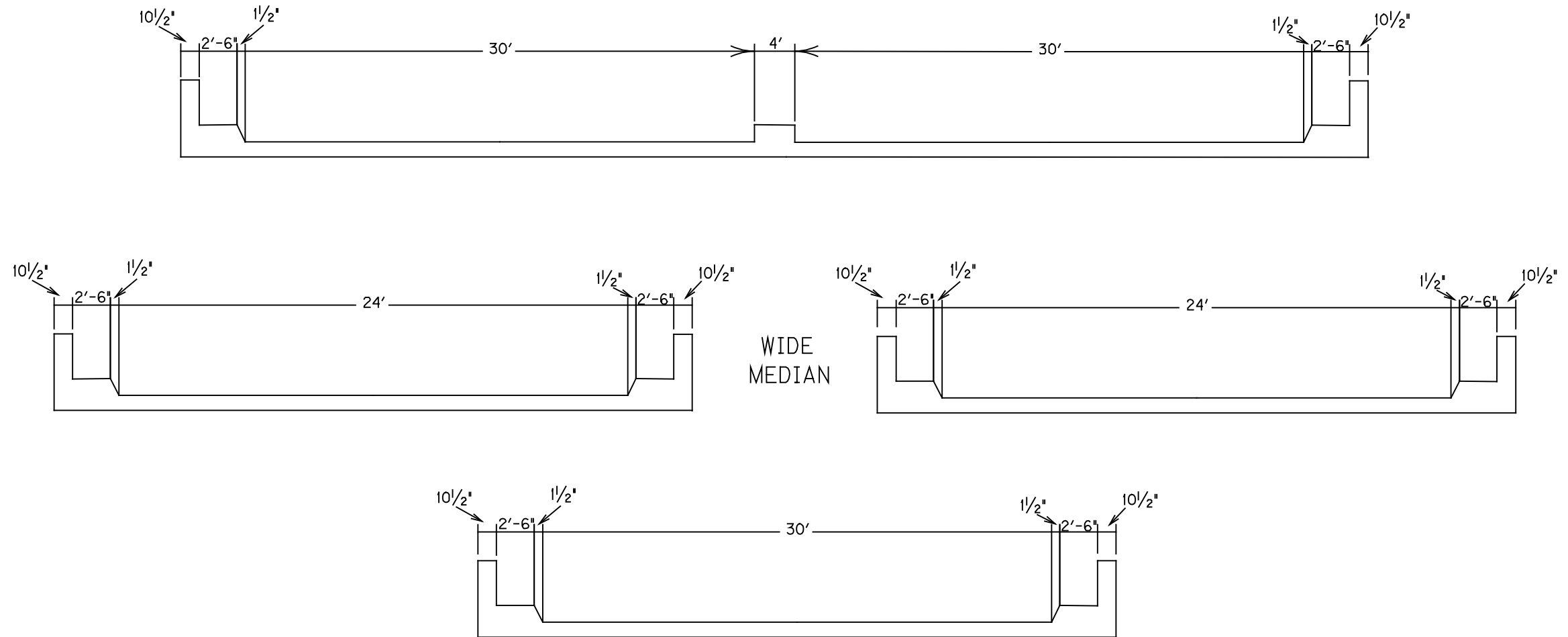
B 2

BRIDGE OVER LAKE CUMBERLAND  
NEAR BURNSIDE

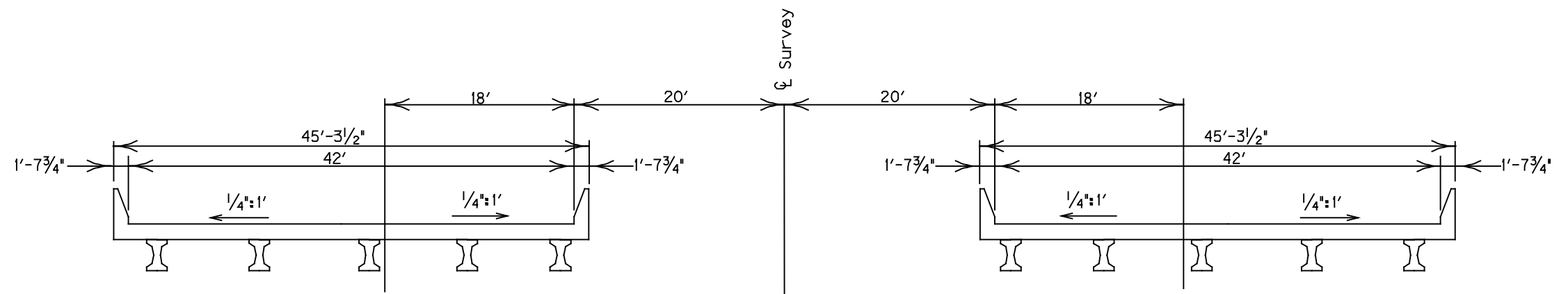
APPALACHIA  
TYPICAL BRIDGE SECTION



APPALACHIA  
TYPICAL BRIDGE SECTIONS



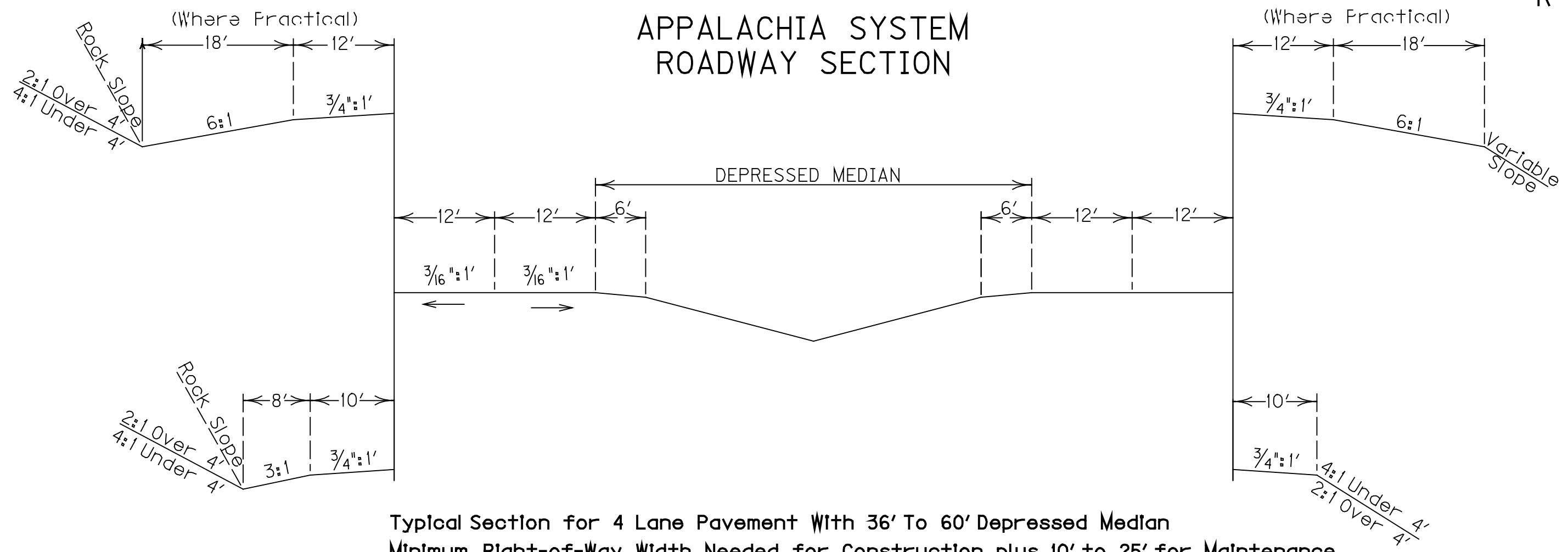
APPALACHIA  
TYPICAL BRIDGE SECTIONS



APPALACHIA  
TYPICAL BRIDGE SECTION

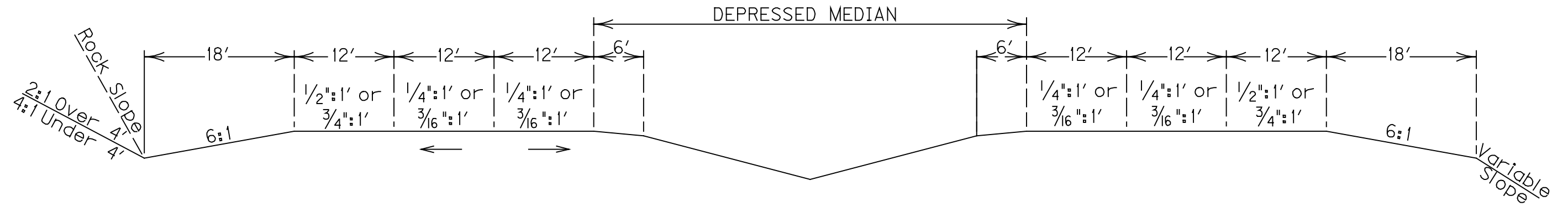


# APPALACHIA SYSTEM ROADWAY SECTION



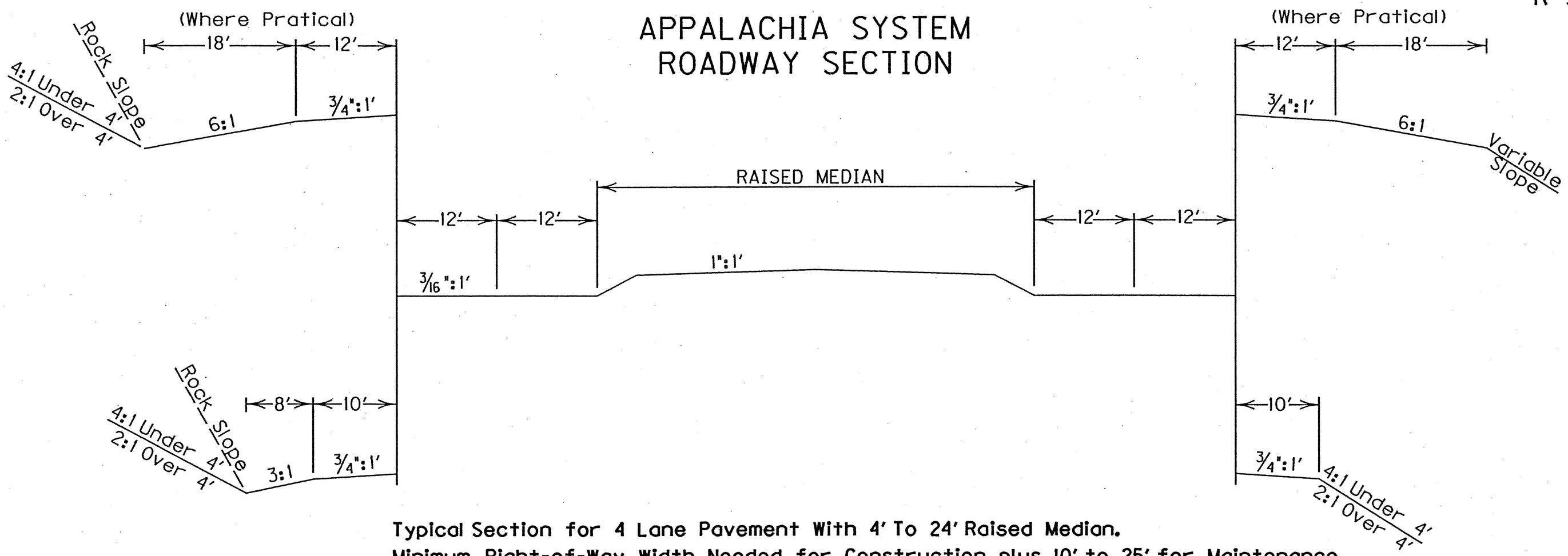
Typical Section for 4 Lane Pavement With 36' To 60' Depressed Median  
Minimum Right-of-Way Width Needed for Construction plus 10' to 25' for Maintenance.

# APPALACHIA SYSTEM ROADWAY SECTION



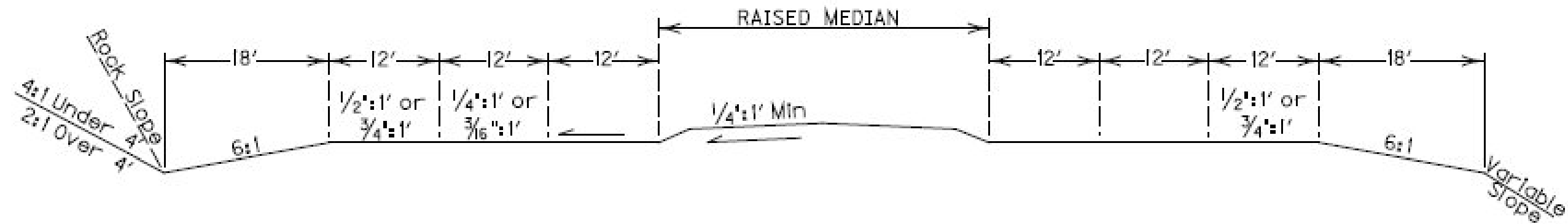
Typical Section for 4 Lane Pavement With 36' To 60' Depressed Median  
Minimum Right-of-Way Width Needed for Construction plus 10' to 25' for Maintenance.

# 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.

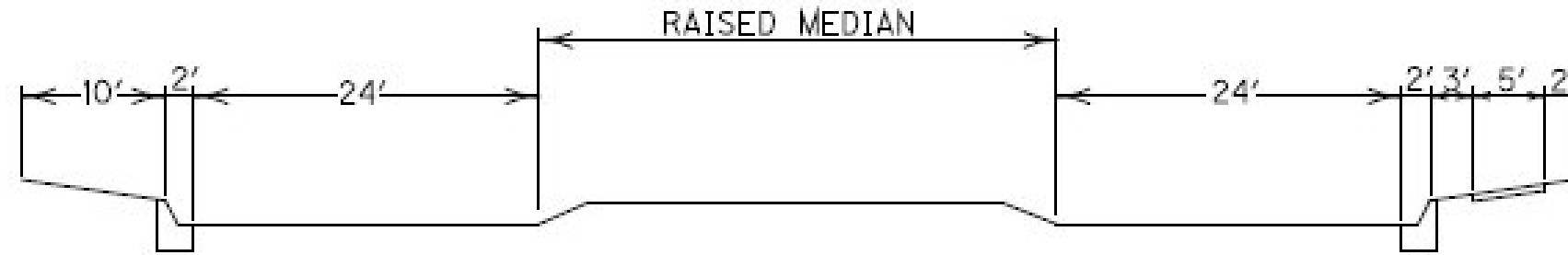
# APPALACHIA SYSTEM ROADWAY SECTION



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 CONTROL OF ACCESS**

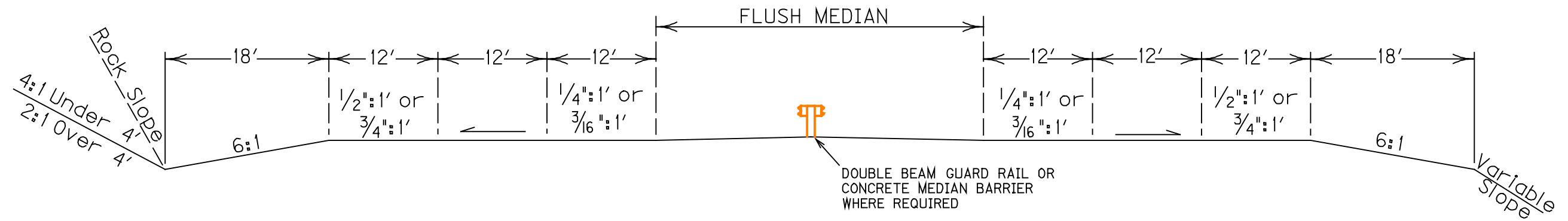
# APPALACHIA SYSTEM ROADWAY SECTION



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.

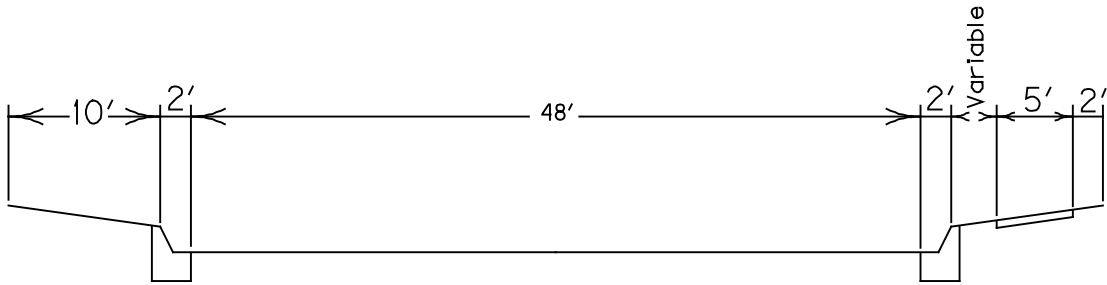
**PARTIAL CONTROL OF ACCESS**

# APPALACHIA SYSTEM ROADWAY SECTION



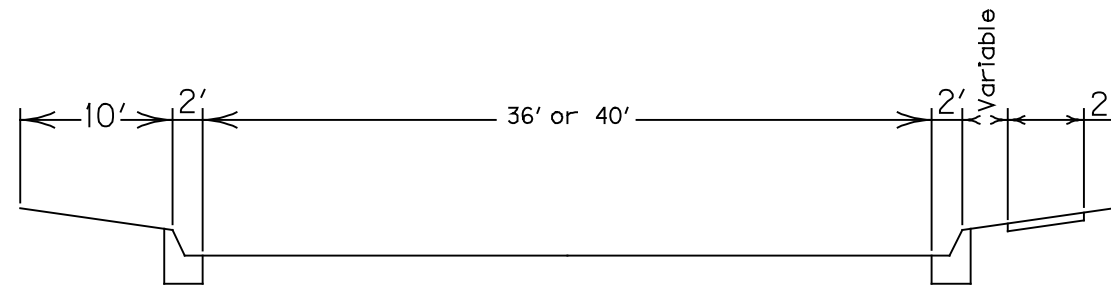
Typical Section for 4 Lane Pavement With 4' To 24' Flush Median.  
Minimum Right-of-Way Width Needed for Construction plus 10' to 25' for Maintenance.

# 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.

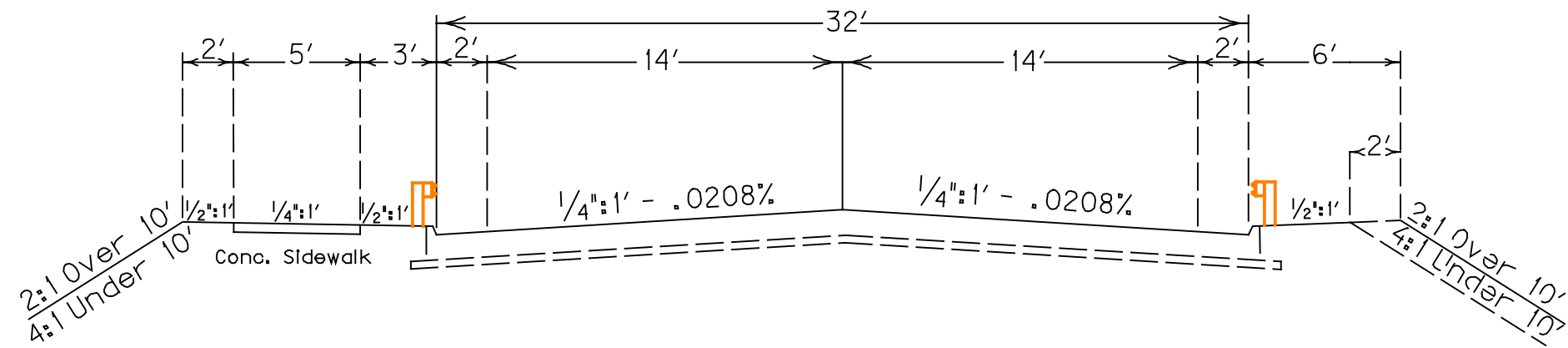
## APPALACHIA SYSTEM ROADWAY SECTION



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

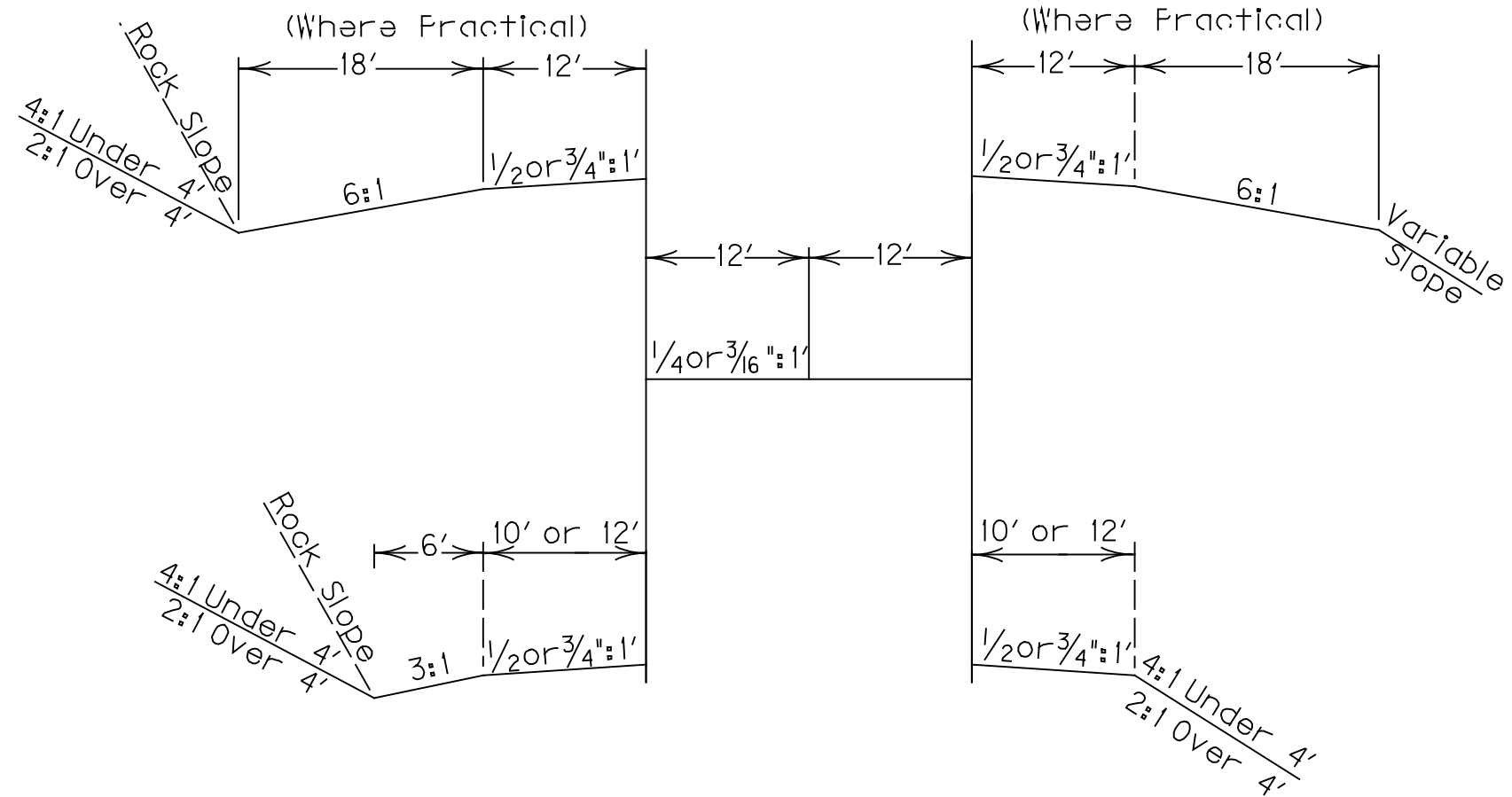


# APPALACHIA SYSTEM ROADWAY SECTION



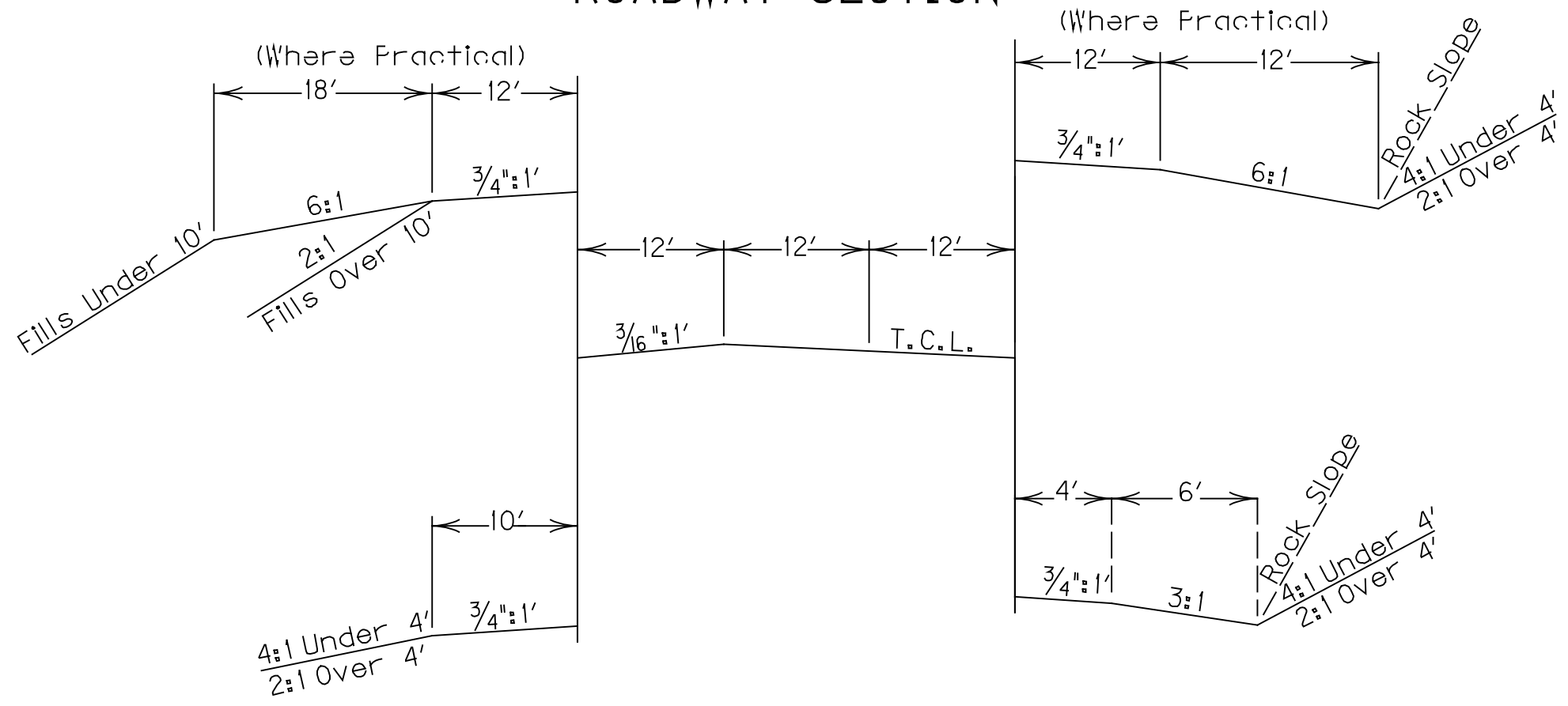
Typical Section for 2 Lane Pavement With Curb and Gutter  
Minimum Right-of-Way Width Needed for Construction plus 10' to 25' for Maintenance.

# APPALACHIA SYSTEM ROADWAY SECTION



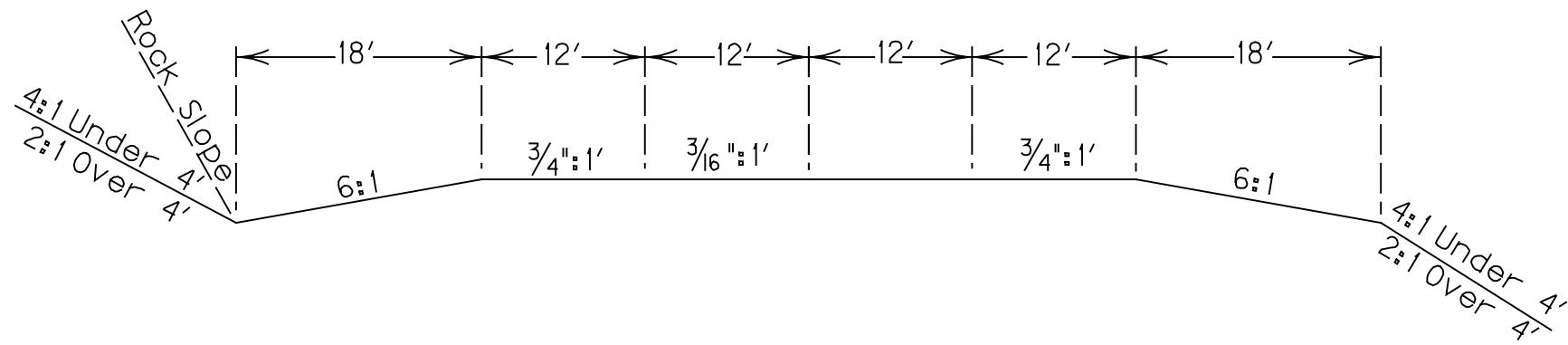
Typical Section for 2 Lane Pavement.  
Minimum Right-of-Way Width Needed for Construction plus 10' to 25' for Maintenance.  
Partial Control of Access

# APPALACHIA SYSTEM ROADWAY SECTION



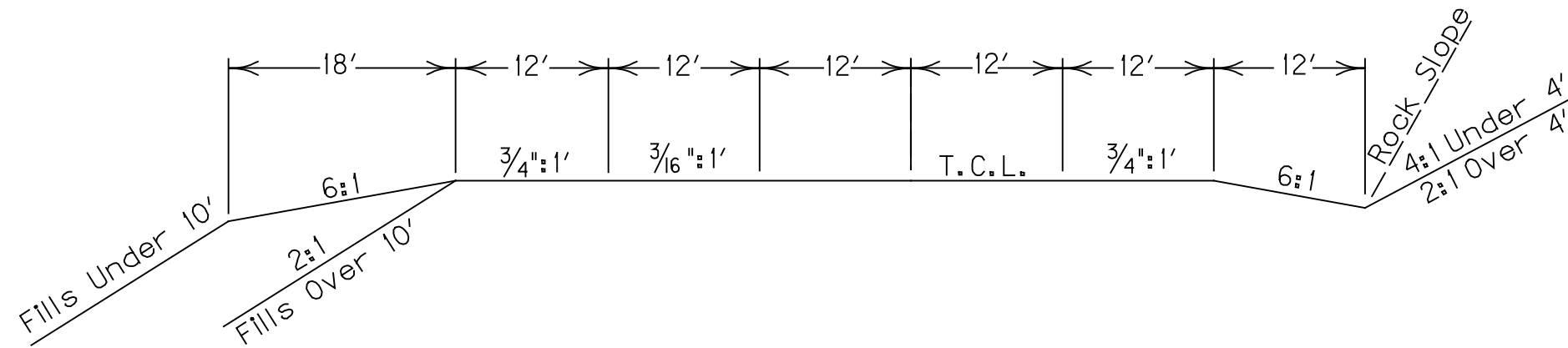
Typical Section for 2 Lane Pavement with additional Truck Climbing Lane.  
Minimum Right-of-Way Width Needed for Construction plus 10' to 25' for Maintenance.  
Partial Control of Access

# APPALACHIA SYSTEM ROADWAY SECTION



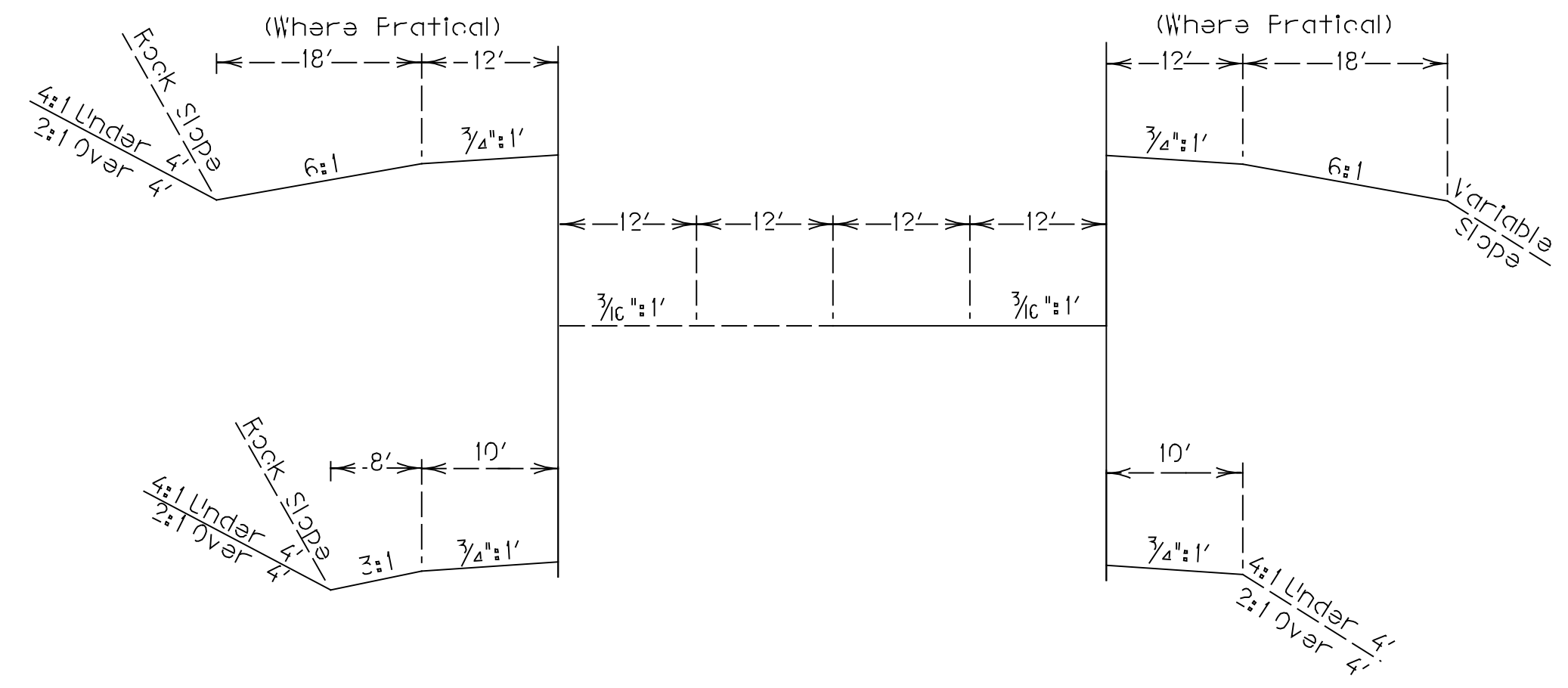
Typical Section for 2 Lane Pavement.  
Minimum Right-of-Way Width Needed for Construction plus 10' to 25' for Maintenance.

# APPALACHIA SYSTEM ROADWAY SECTION



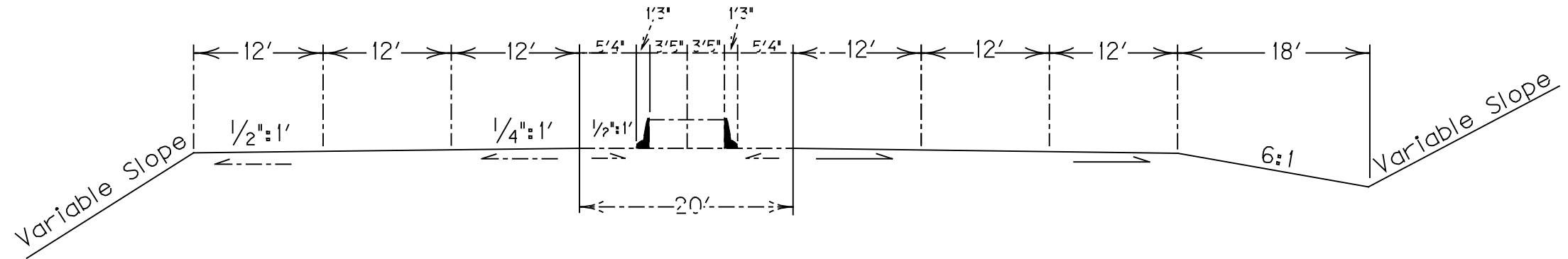
Typical Section for 2 Lane Pavement with additional Truck Climbing Lane.  
Minimum Right-of-Way Width Needed for Construction plus 10' to 25' for Maintenance.

# APPALACHIA SYSTEM ROADWAY SECTION



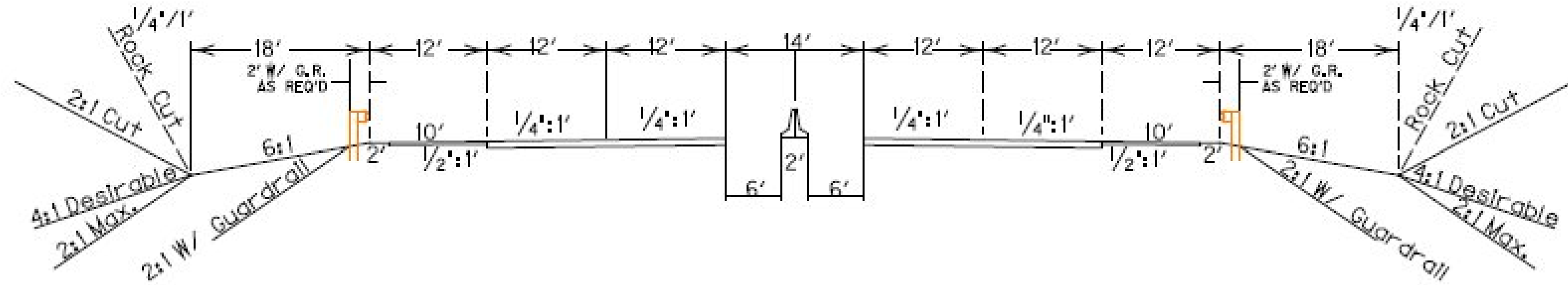
Typical Section for 4 Lane Pavement.  
Minimum Right-of-Way Width Needed for Construction plus 10' to 25' for Maintenance.

# 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

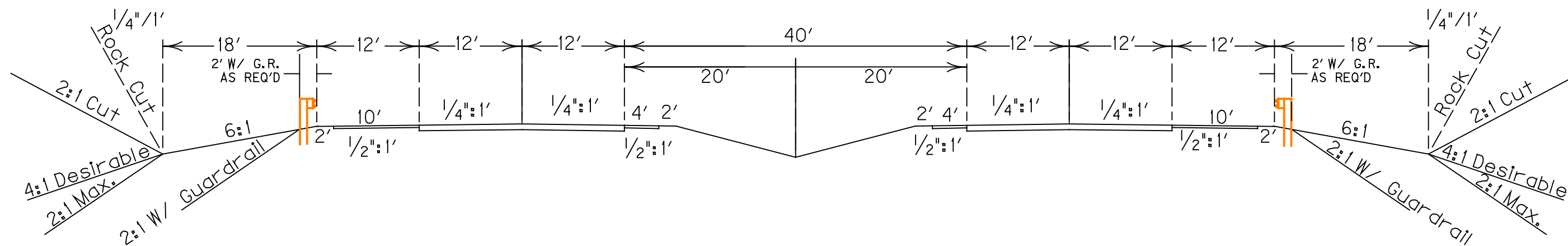


Typical Section for 4 Lane Pavement with 14' Median and Concrete Median Barrier  
Minimum Right-of-Way Width Needed for Construction plus 10' to 25' for Maintenance.

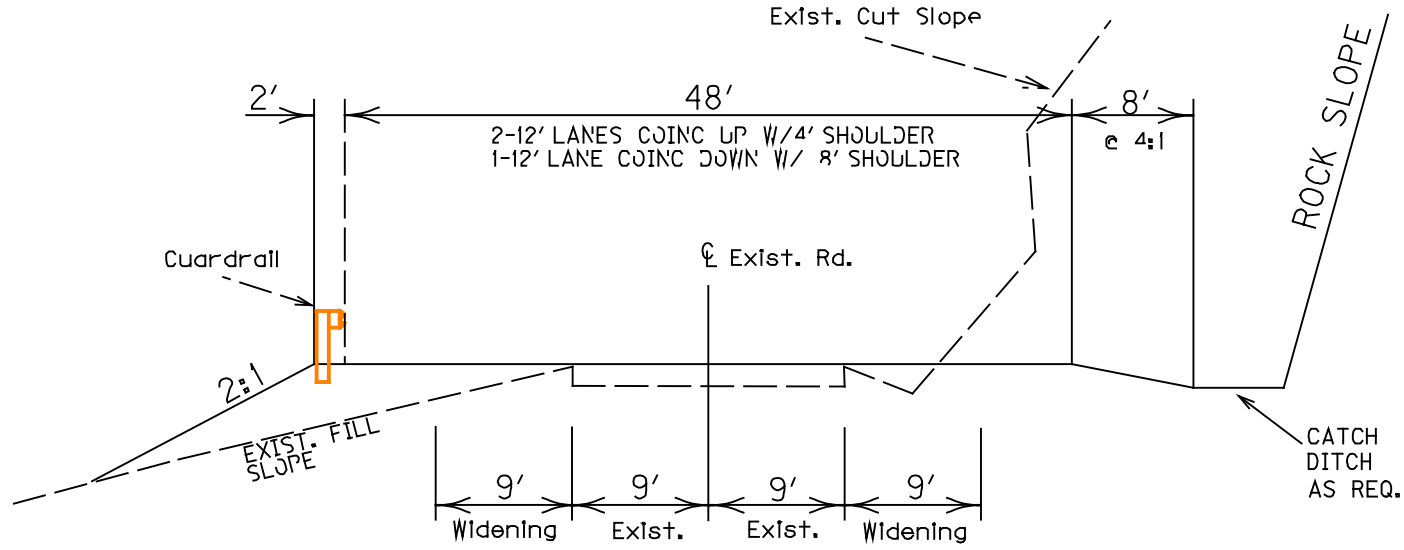
## PARTIAL CONTROL OF ACCESS



# APPALACHIA SYSTEM ROADWAY SECTION

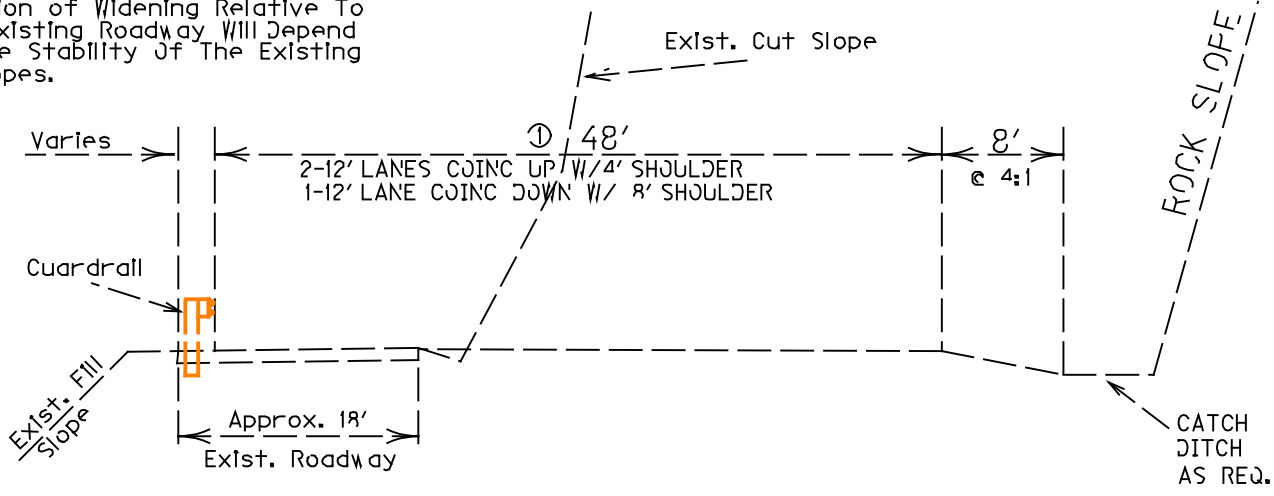


Typical Section for 4 Lane Pavement with 40' Depressed Median  
Minimum Right-of-Way Width Needed for Construction plus 10' to 25' for Maintenance.  
Partial Control of Access



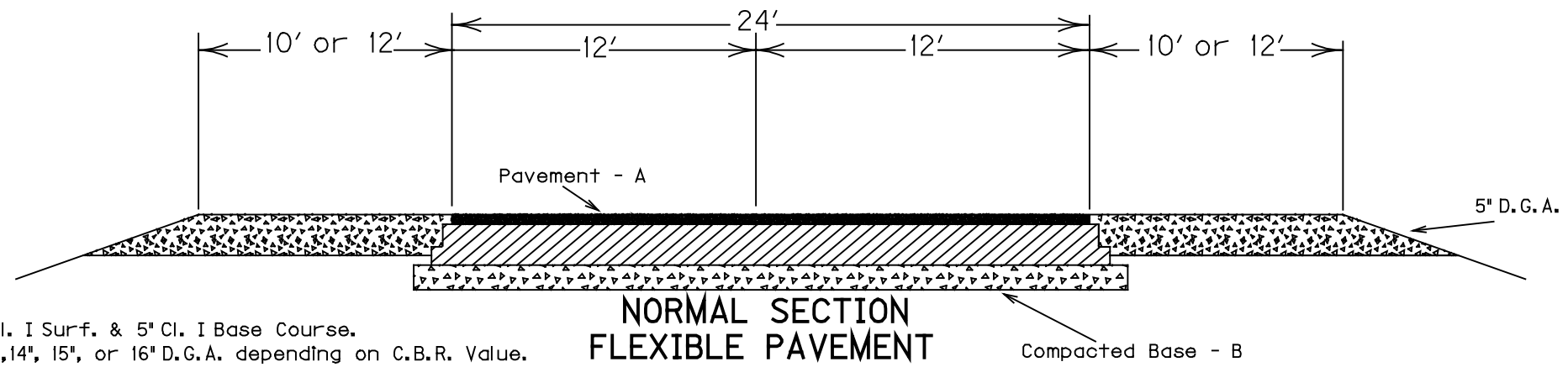
TYPICAL CONSTRUCTION METHOD FOR EXCAVATING WIDENING IN CUT / FILL AREAS ②

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

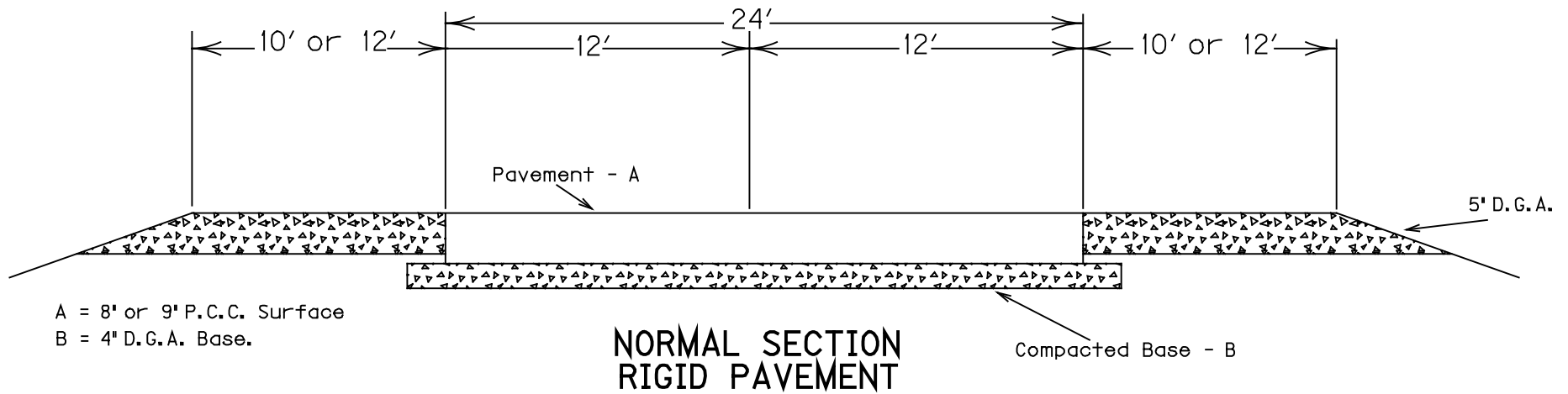


TYPICAL CONSTRUCTION METHOD FOR EXCAVATING WIDENING ENTIRELY IN HILLSIDE

## TYPICAL SURFACING SECTIONS

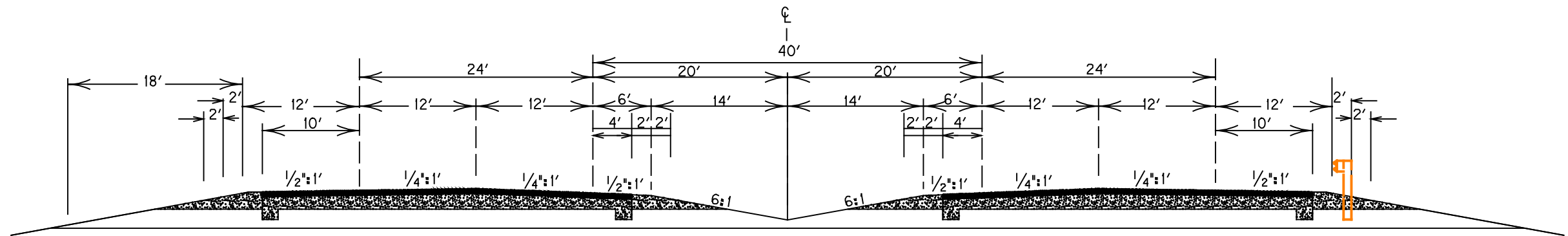


A = 1½" Cl. I Surf. & 5" Cl. I Base Course.  
 B = 11", 13", 14", 15", or 16" D.G.A. depending on C.B.R. Value.



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

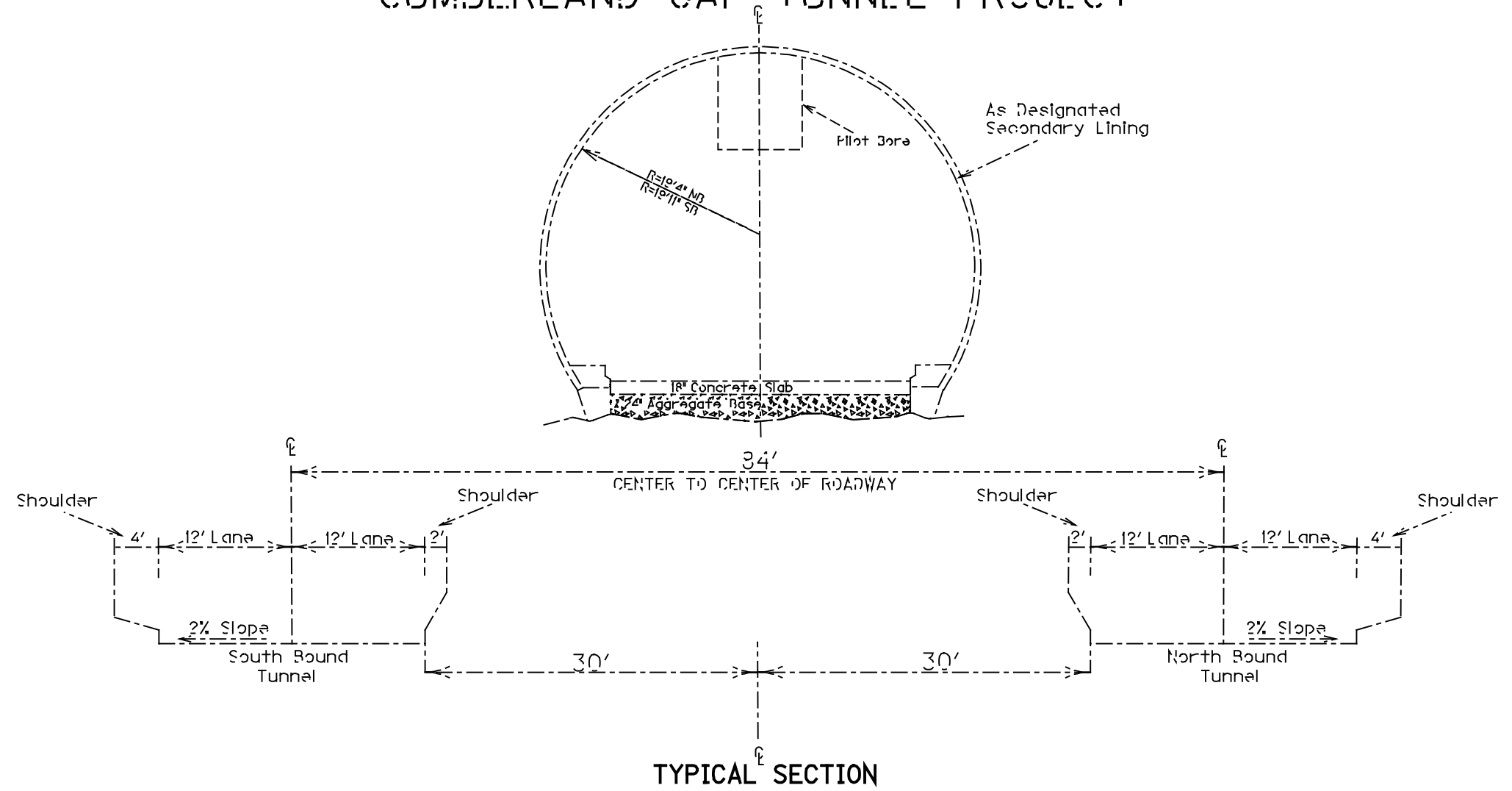
# TYPICAL SURFACING SECTION

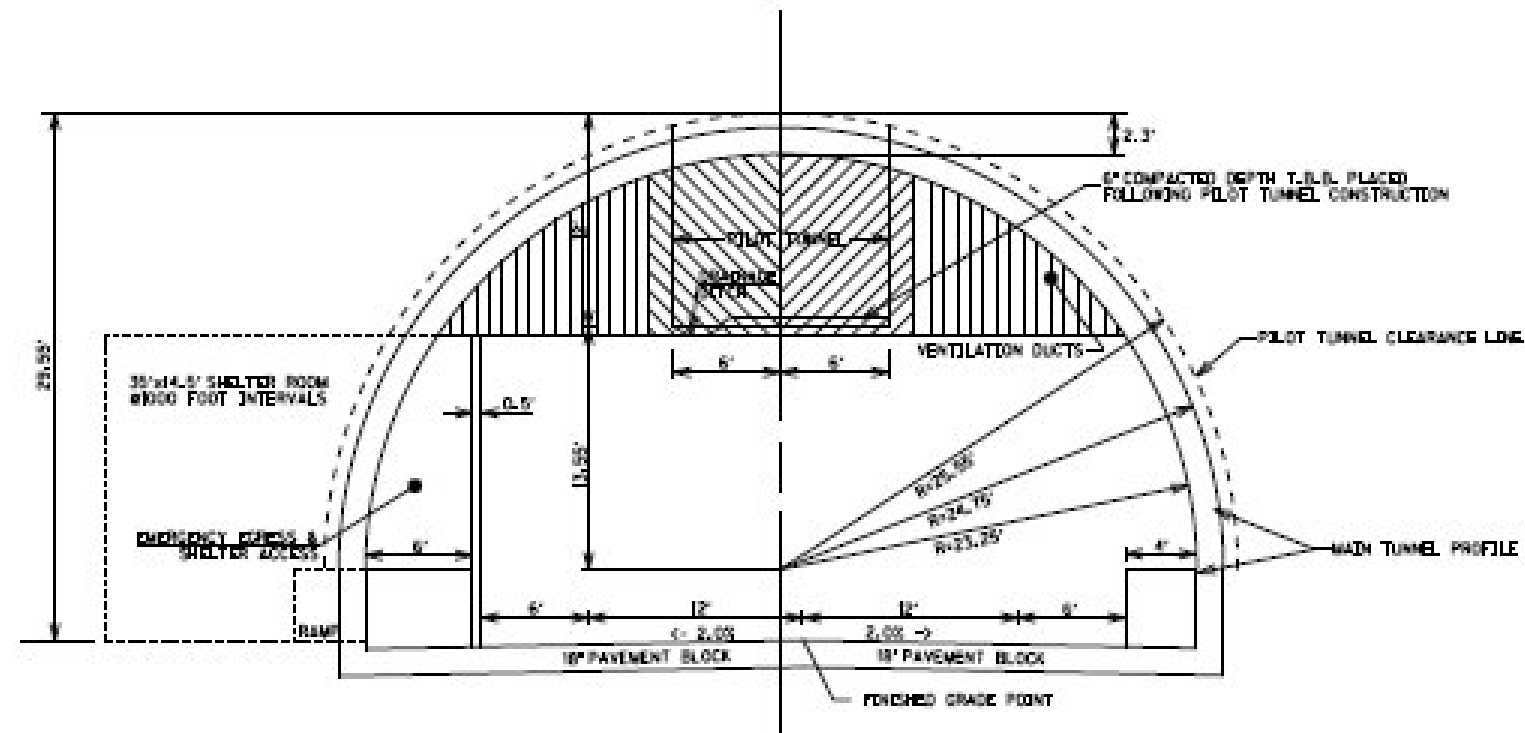


FLEXIBLE SECTION WITH PAVED SHOULDERS

# APPALACHIAN SYSTEM CUMBERLAND GAP TUNNEL PROJECT

T





## US 119 PINE MOUNTAIN TUNNEL TYPICAL

N.T.S.

### PARTIAL CONTROL OF ACCESS





























**2007 Appalachian Development 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	10.900/12.610	12.610/16.550	11.580/12.560	12.560/12.840
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	000000023/00	000000023/00	000000010/00	000000010/00
---- c. HPMS Signed Route/Strip Map #	200000023/B11	200000023/B11	300000010/B11	300000010/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 (2005)	13,200	6,700	7,200	7,200
---- b. ADT-Year 2015	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 Separations	0	0	0	0
20. Highway Grade Separations 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
<b>27. Subtotal(lines 17 thru 26)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
28. Construction Engineering(8.00000000% of line 27)	0	0	0	0
29. Total Cost of Construction(lines 27 & 28)	0	0	0	0
<b>30. Total Estimated Cost(lines 14, 15, 16, 29 &amp; 5% Contingency)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**2007 Appalachian Development Highway System Cost Estimate**  
 Table B - Design Classification and Cost Estimate by Estimate Sections with Corridor Totals

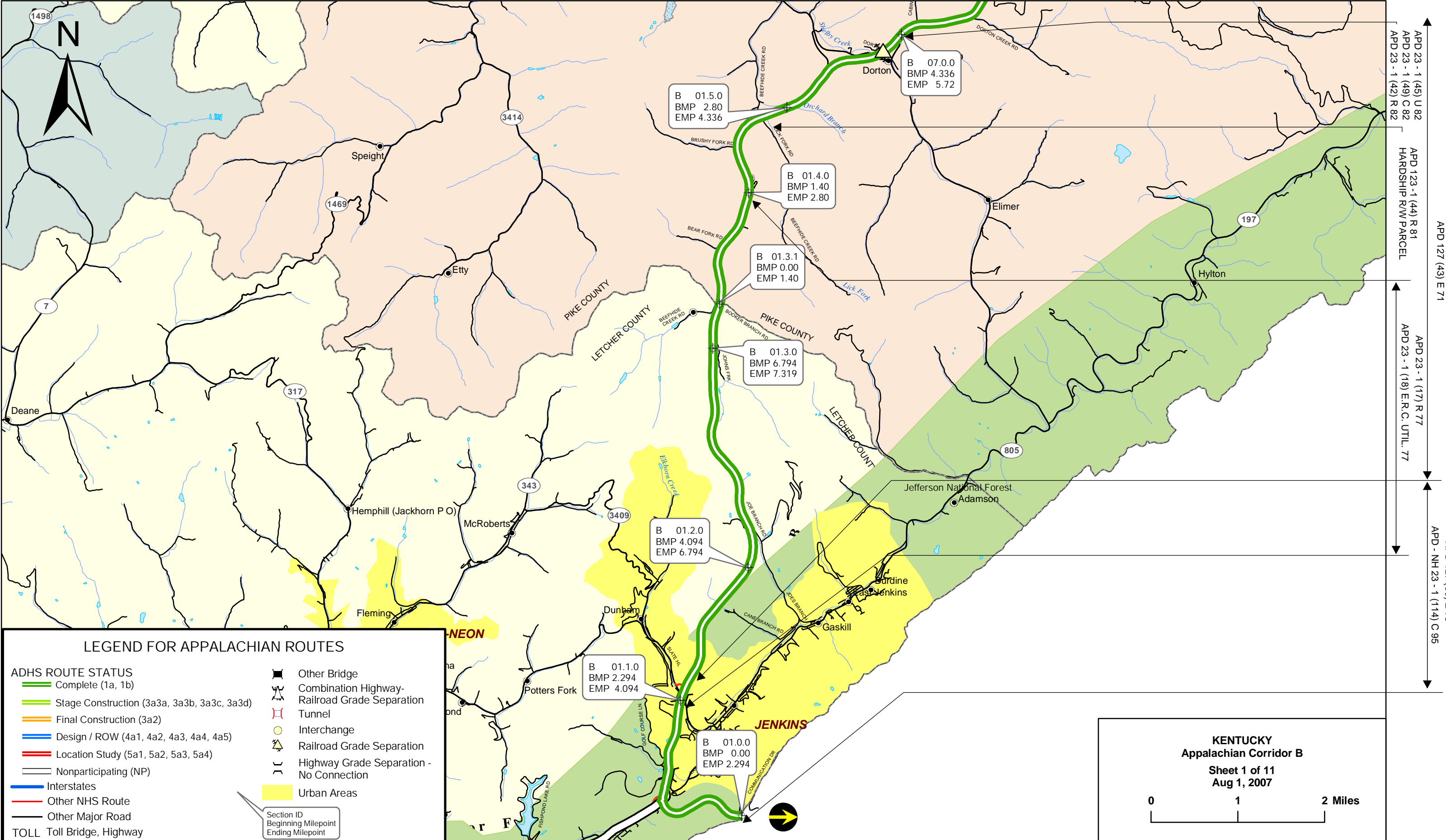
State: KY

ADHS Corridor: B

Section ID	Corridor Total	Rural Subtotal	Urban Subtotal
<b>LRS Milepoint</b> 1. Finance Code 2. Section Length(Miles) 3. Class/Urban Code 4. Location: ---- a. FIPS State/County/Congressional ---- b. HPMS Route/Subroute ---- c. HPMS Signed Route/Strip Map # 5. Estimate Section/NHS Designation 6. Design Speed(mph) 7. Traffic: ---- a. ADT-Base Year (2005) ---- b. ADT-Year 2015 ---- c. Design Year ---- d. ADT-Design Year ---- e. DHV-Design Year ---- f. % Truck Design Year(DHV) ---- g. % Truck Design Year(ADT) ---- h. Directional Distribution Factor 8. Number of Lanes to be Constructed this Estimate 9. Ultimate Number of Through Traffic Lanes 10. Typical X-Section of Reference/Access Control 11. Right-of-Way Width(ft), prevailing 12. Median Width(ft), prevailing 13. Status of Development(Figure 4)	144.70	126.60	18.10

**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 Separations	0	0	0
20. Highway Grade Separations 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
<b>27. Subtotal(lines 17 thru 26)</b>	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
<b>30. Total Estimated Cost(lines 14, 15, 16, 29 &amp; 5% Contingency)</b>	0	0	0



### LEGEND FOR APPALACHIAN ROUTES

<b>ADHS ROUTE STATUS</b>		Other Bridge
	Complete (1a, 1b)	Combination Highway-Railroad Grade Separation
	Stage Construction (3a3a, 3a3b, 3a3c, 3a3d)	Tunnel
	Final Construction (3a2)	Interchange
	Design / ROW (4a1, 4a2, 4a3, 4a4, 4a5)	Railroad Grade Separation
	Location Study (5a1, 5a2, 5a3, 5a4)	Highway Grade Separation - No Connection
	Nonparticipating (NP)	Urban Areas
	Interstates	
	Other NHS Route	
	Other Major Road	
	TOLL Toll Bridge, Highway	

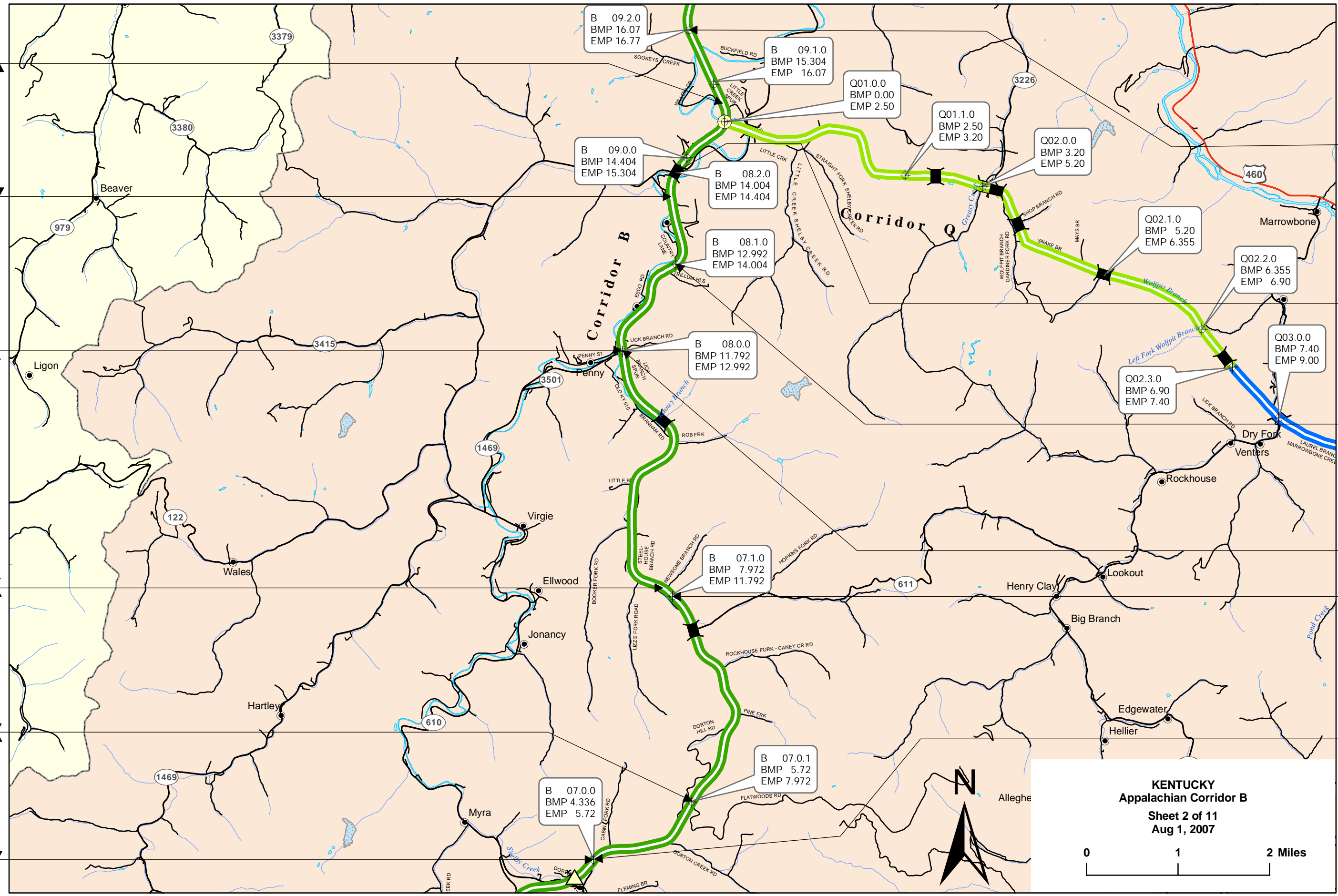
	Section ID
	Beginning Milepoint
	Ending Milepoint

**KENTUCKY**  
**Appalachian Corridor B**  
 Sheet 1 of 11  
 Aug 1, 2007

0                      1                      2 Miles

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

APD 23 - 1 (80) U 85  
 APD 23 - 1 (76) R 85  
 APD 23 - 1 (79) U 85  
 APD 23 - 1 (3) E.R.C. UTIL. \*76  
 APD 23 - 1 (21)\* E.R.C. UTIL. 77  
 APD 23 - 1 (12) R 76  
 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



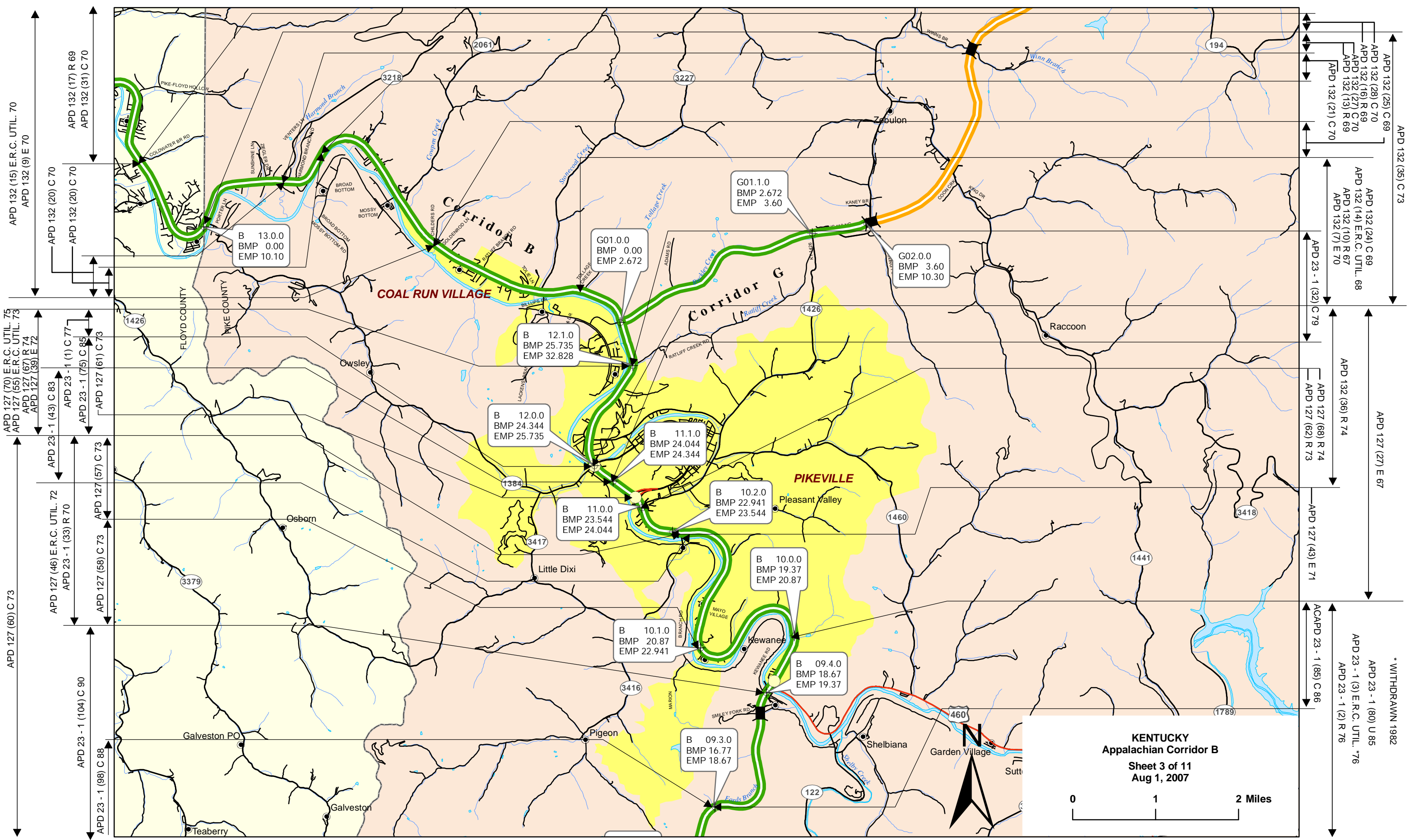
**KENTUCKY  
 Appalachian Corridor B**

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 Aug 1, 2007

0 1 2 Miles

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 (60) C 73  
 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





B 13.00  
BMP 0.00  
EMP 10.10

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

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 10.0.0  
BMP 19.37  
EMP 20.87

B 10.1.0  
BMP 20.87  
EMP 22.941

B 09.4.0  
BMP 18.67  
EMP 19.37

B 09.3.0  
BMP 16.77  
EMP 18.67

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**Appalachian Corridor B**  
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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 (46) E.R.C. UTIL. 72  
APD 23 - 1 (33) R 70

APD 127 (57) C 73  
APD 127 (58) C 73

APD 127 (60) C 73

APD 23 - 1 (104) C 90  
APD 23 - 1 (98) C 88

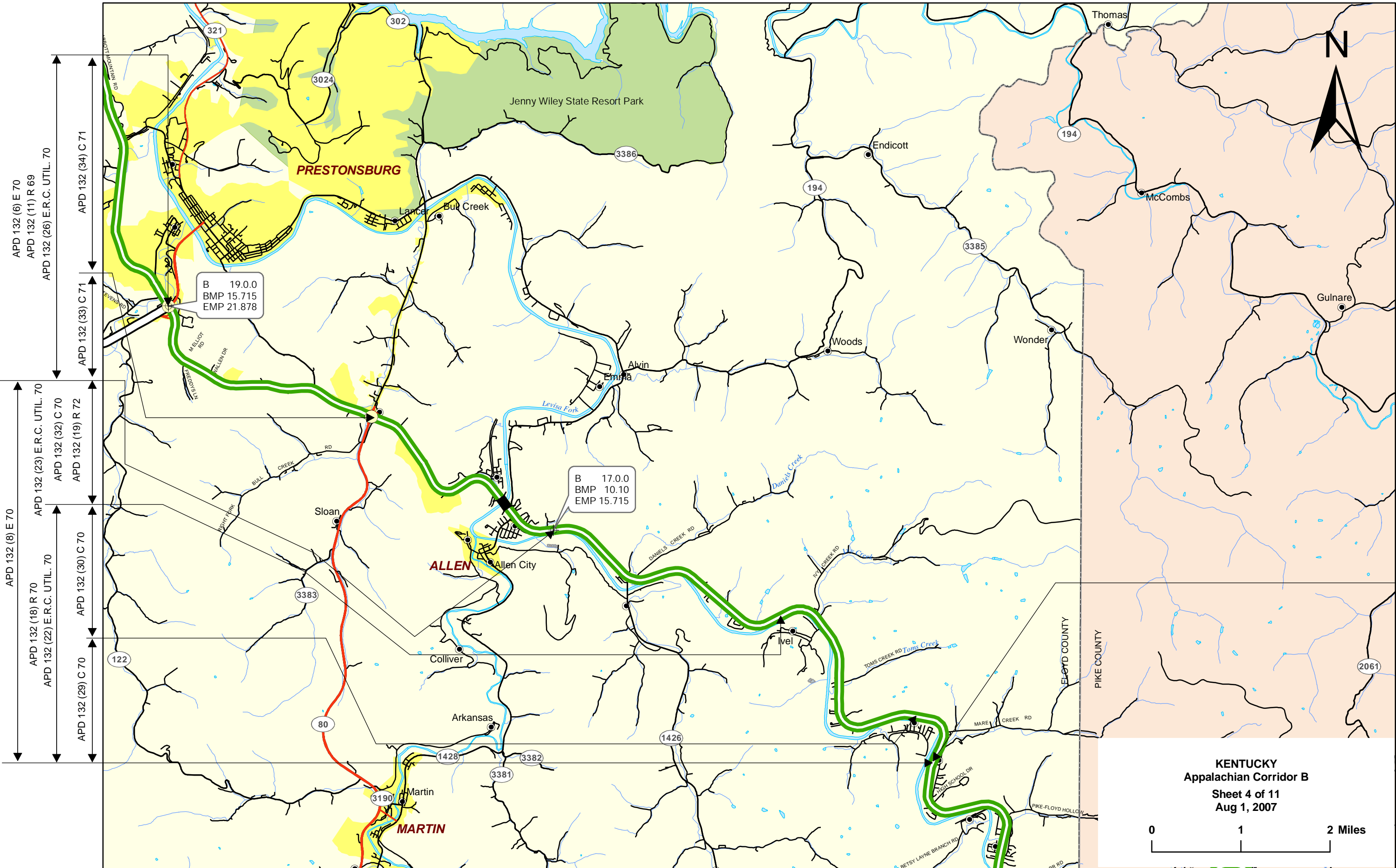
APD 132 (25) C 69  
APD 132 (28) C 70  
APD 132 (16) R 69  
APD 132 (27) C 70  
APD 132 (13) R 69  
APD 132 (21) C 70

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 (62) R 73

APD 127 (27) E 67  
APD 127 (68) R 74  
APD 127 (43) E 71

ACAPD 23 - 1 (85) C 86  
\* WITHDRAWN 1982  
APD 23 - 1 (80) U 85  
APD 23 - 1 (3) E.R.C. UTIL. \*76  
APD 23 - 1 (2) R 76

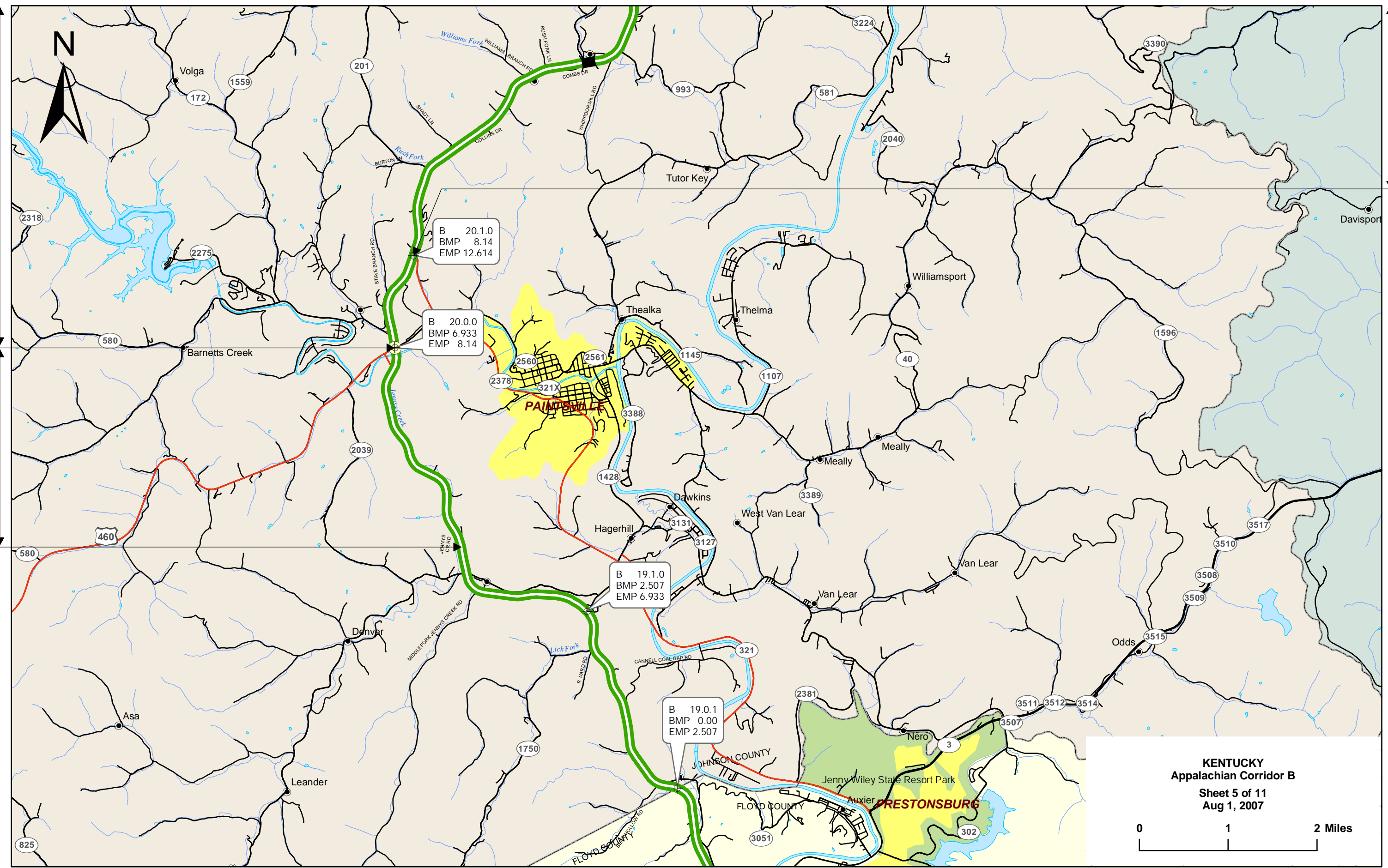




APD 133 (42) E 73  
APD 133 (20) E 66  
APD 133 (45) R 75  
APD 133 (23) R 66  
APD 133 (36) C 68  
APD 133 (24) E.R.C. UTIL. 68

ACAPD 23 - 1 (50) C  
APD 133 (50) E.R.C. UTIL. 75

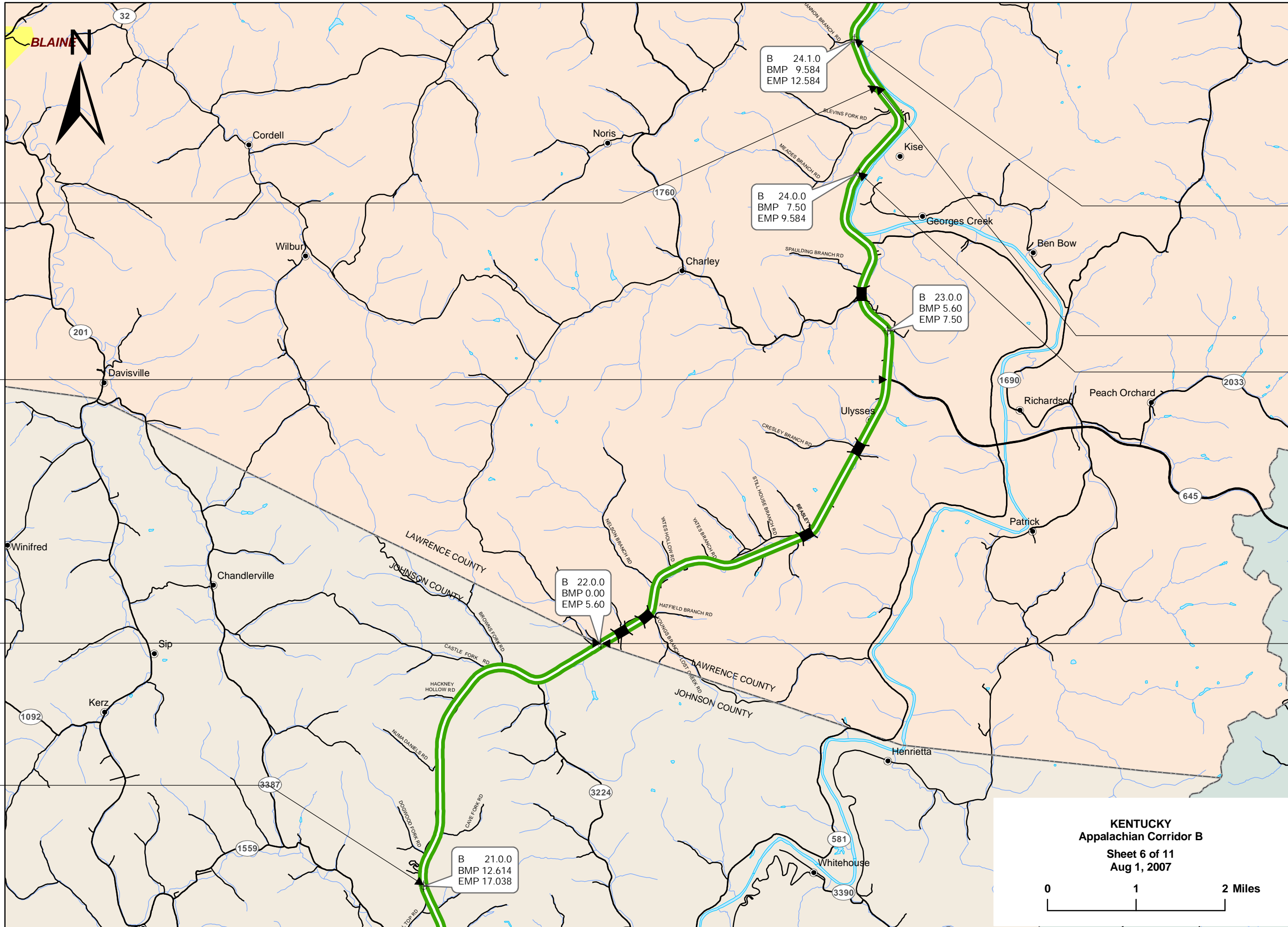
APD - HWID 23 - 1 (113) C 94  
APD - DE 23 - 1 (112) C 94



**KENTUCKY**  
**Appalachian Corridor B**  
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0 1 2 Miles





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

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 (30) E.R.C. UTIL. 67  
 APD 133 (38) C 68  
 ACAPD 23 - 1 (51) C

APD 133 (30) E.R.C. UTIL. 67

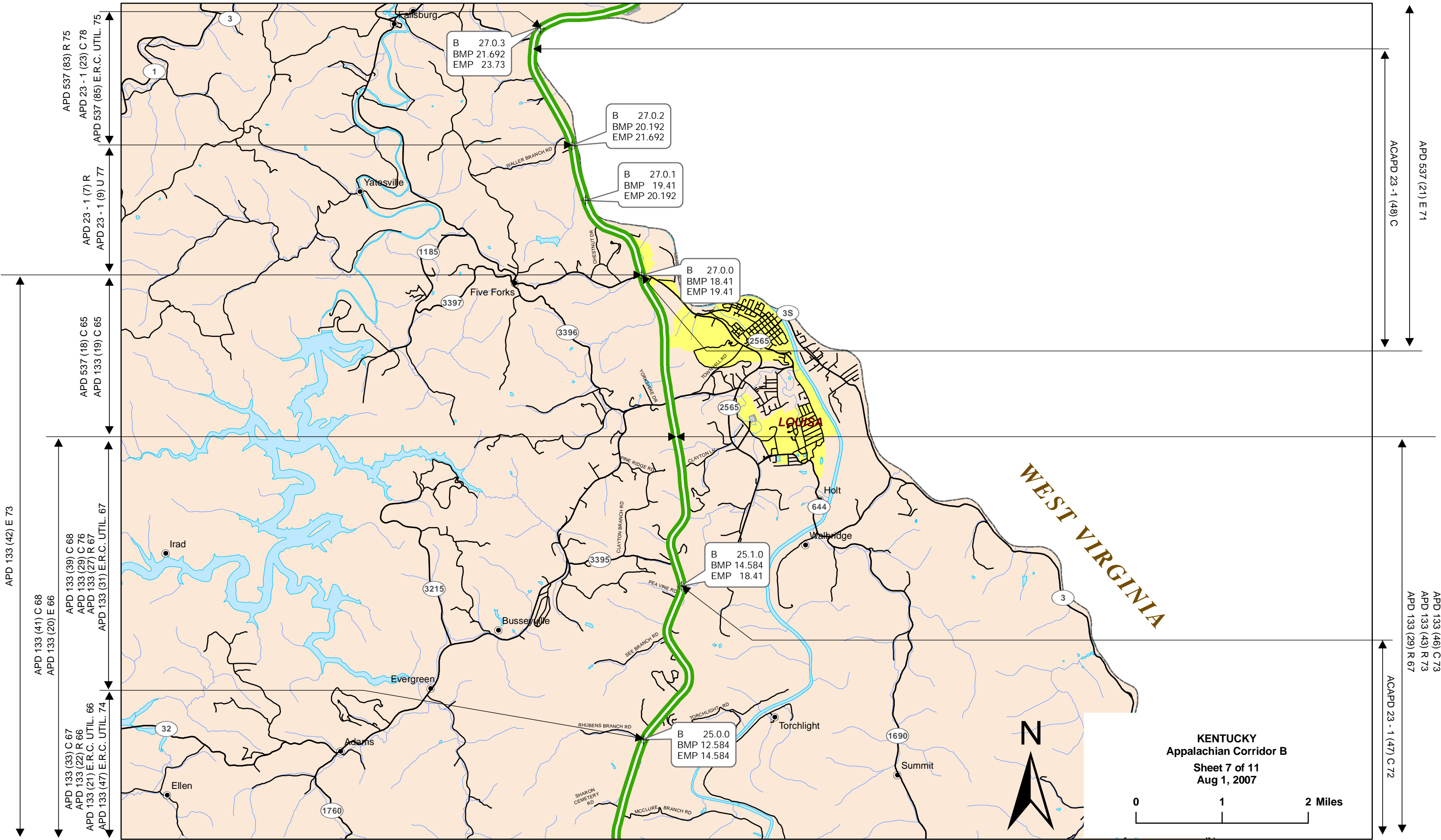
ACAPD 23 - 1 (47) C 72  
 ACAPD 23 - 1 (52) C  
 APD 133 (49) E.R.C. UTIL. 75  
 APD 133 (45) R 75  
 ACAPD 23 - 1 (50) C  
 APD 133 (50) E.R.C. UTIL. 75

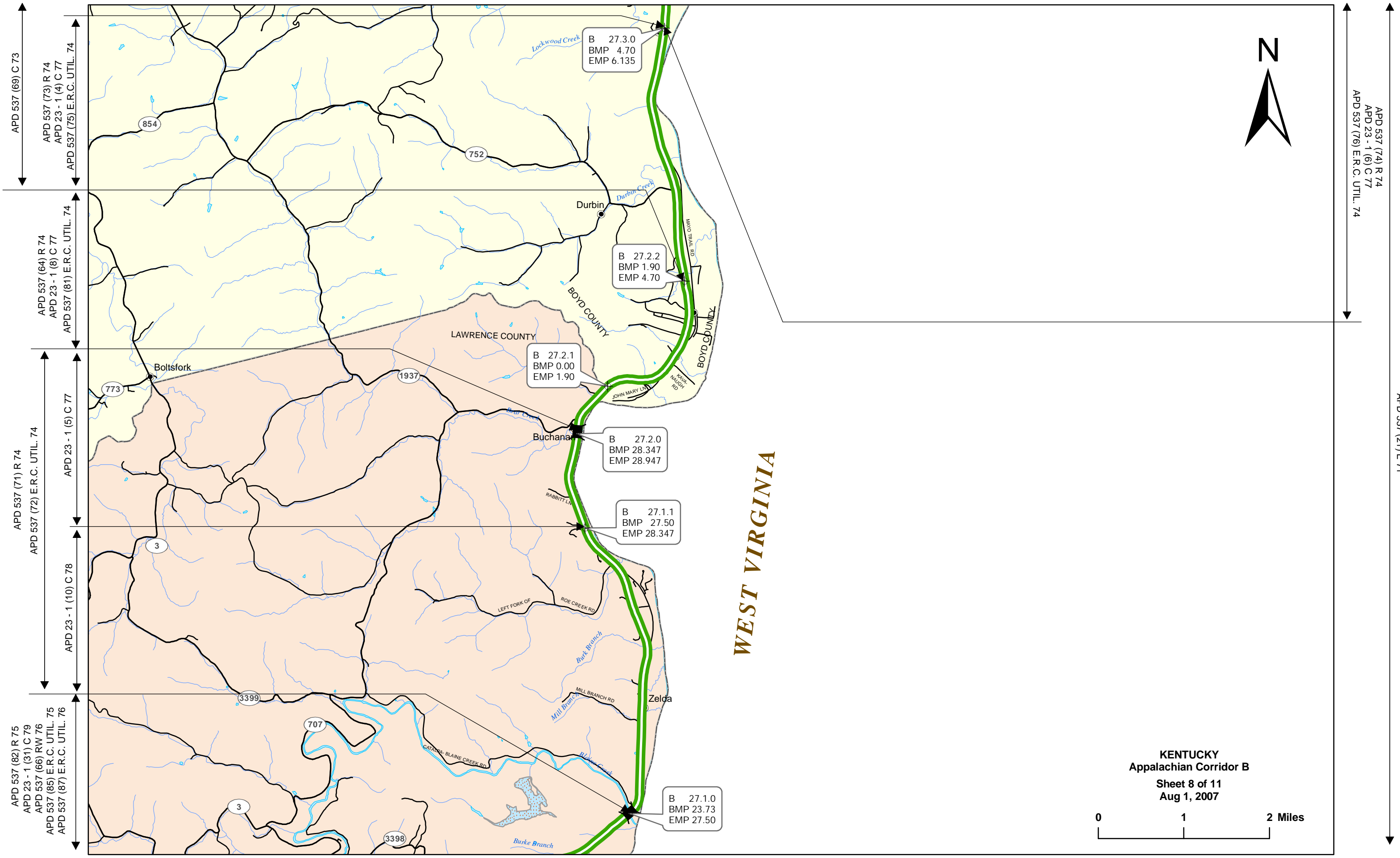
APD 133 (46) C 73  
 APD 133 (43) R 73  
 APD 133 (29) R 67

**KENTUCKY**  
**Appalachian Corridor B**  
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 Aug 1, 2007



**BLAIN**







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

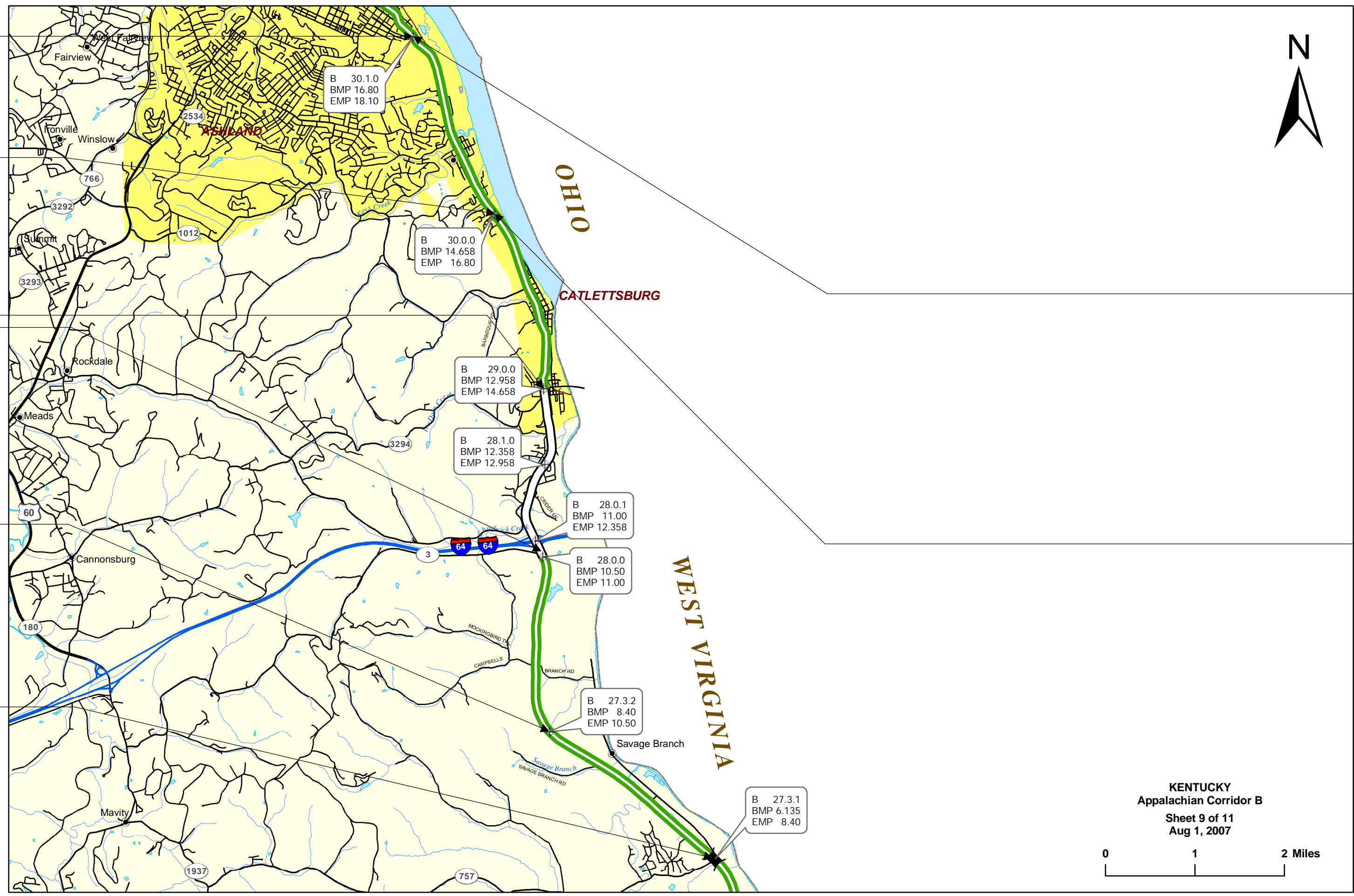
APD 537 (25) C 66  
APD 537 (17) R 65  
APD 537 (16) E.R.C. UTIL. 65

APD 23 - 1 (13) R 78  
APD 23 - 1 (27) E.R.C. UTIL. 78

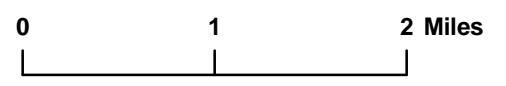
APD 23 - 1 (12) R 78  
APD 23 - 1 (28) E.R.C. UTIL. 78

APD 537 (24) E 67  
APD 537 (34) R 68  
APD 537 (38) E.R.C. UTIL. 72

APD 537 (57) C 72

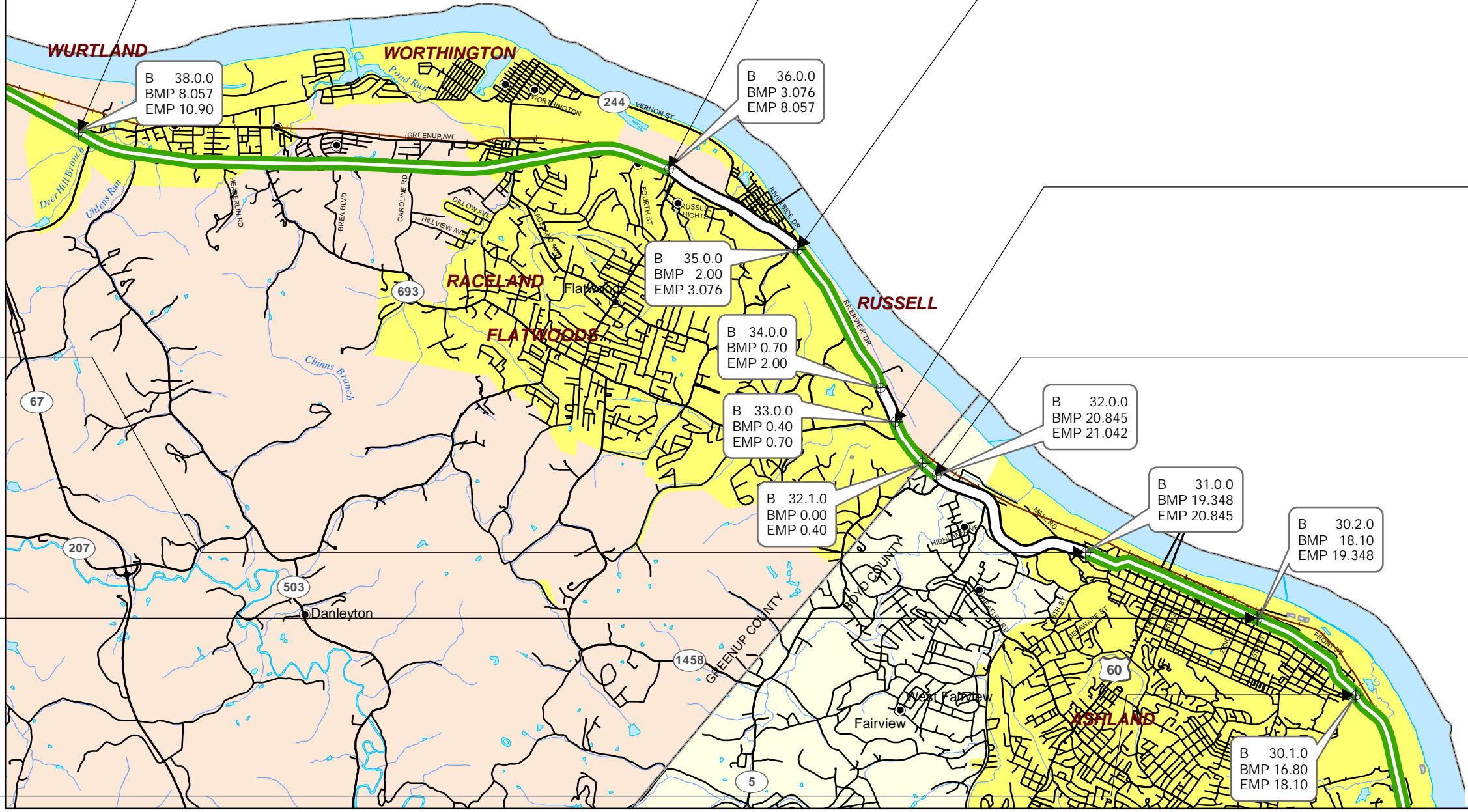


**KENTUCKY**  
**Appalachian Corridor B**  
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OHIO

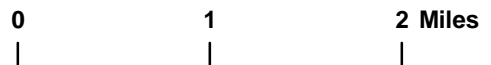


APD 537 (24) E 67  
APD 537 (34) R 68  
APD 537 (38) E.R.C. UTIL. 72  
APD 537 (57) C 72  
APD 537 (58) C 72

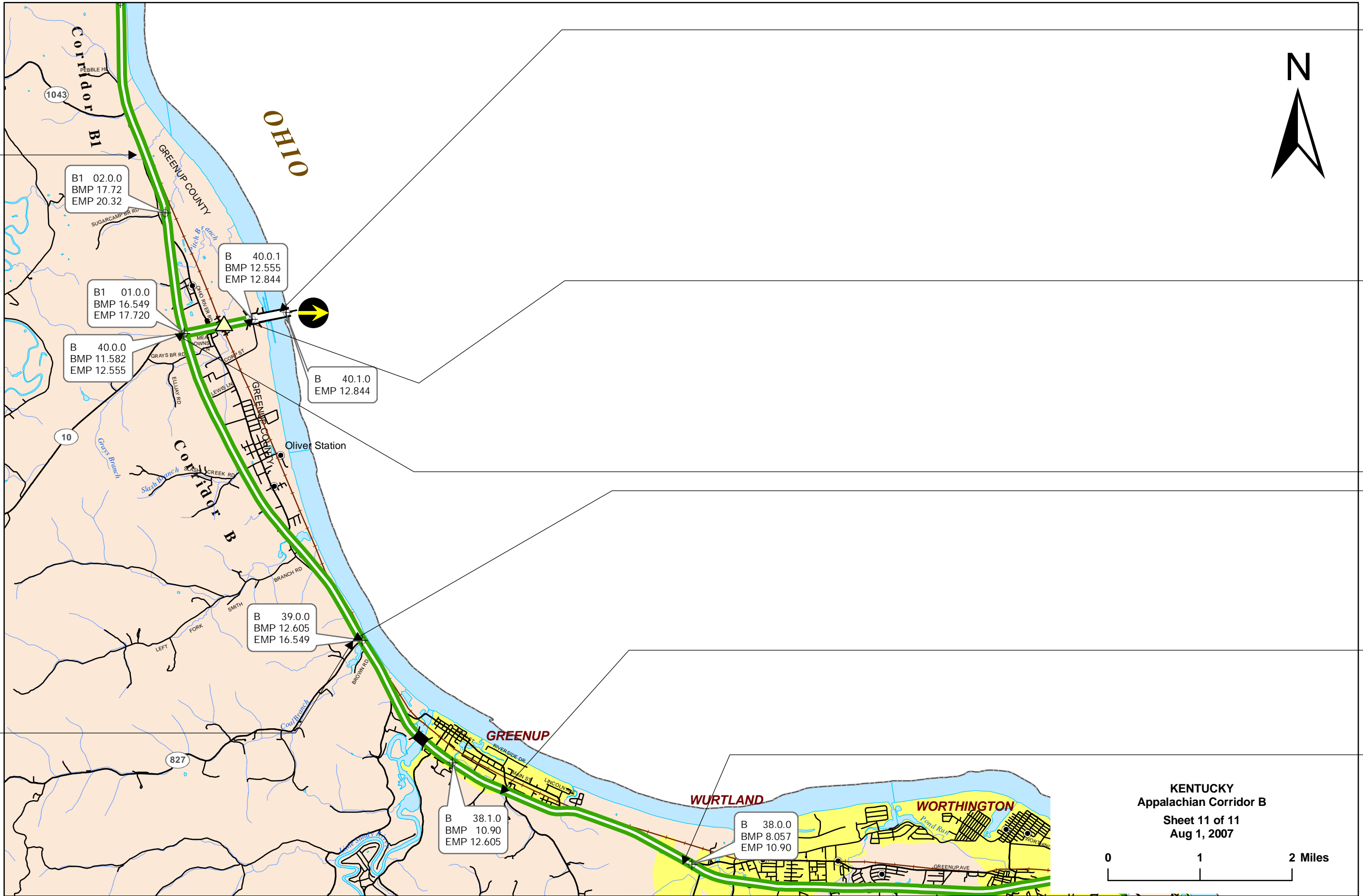
APD 537 (23) E 66  
APD 537 (35) R 70  
APD 537 (35) E.R.C. UTIL. 73  
APD 537 (56) C 73

APD 537 (30) C 66  
APD 537 (20) E 66  
APD 537 (26) R.C. 56  
APD 537 (19) E.R.C. UTIL. 65  
APD 537 (22) C 66

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Appalachian Corridor B  
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APD 537 (31) E 67  
APD 537 (54) C 72  
APD 537 (36) R 70  
APD 537 (42) E.R.C. UTIL. 72







**2007 Appalachian Development Highway System Cost Estimate**  
 Table B - Design Classification and Cost Estimate by Estimate Sections with Corridor Totals

State: KY

ADHS Corridor: B1

<b>Section ID</b>	<b>B1 07.0.0</b>
<b>LRS Milepoint: Beginning/Ending</b>	<b>28.700/29.000</b>
<b>Status</b>	<b>NP</b>
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 (2005)	10,300
---- b. ADT-Year 2015	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 Separations	0
20. Highway Grade Separations 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
<b>27. Subtotal(lines 17 thru 26)</b>	<b>0</b>
28. Construction Engineering(8.00000000% of line 27)	0
29. Total Cost of Construction(lines 27 & 28)	0
<b>30. Total Estimated Cost(lines 14, 15, 16, 29 &amp; 5% Contingency)</b>	<b>0</b>



**2007 Appalachian Development Highway System Cost Estimate**  
 Table B - Design Classification and Cost Estimate by Estimate Sections with Corridor Totals

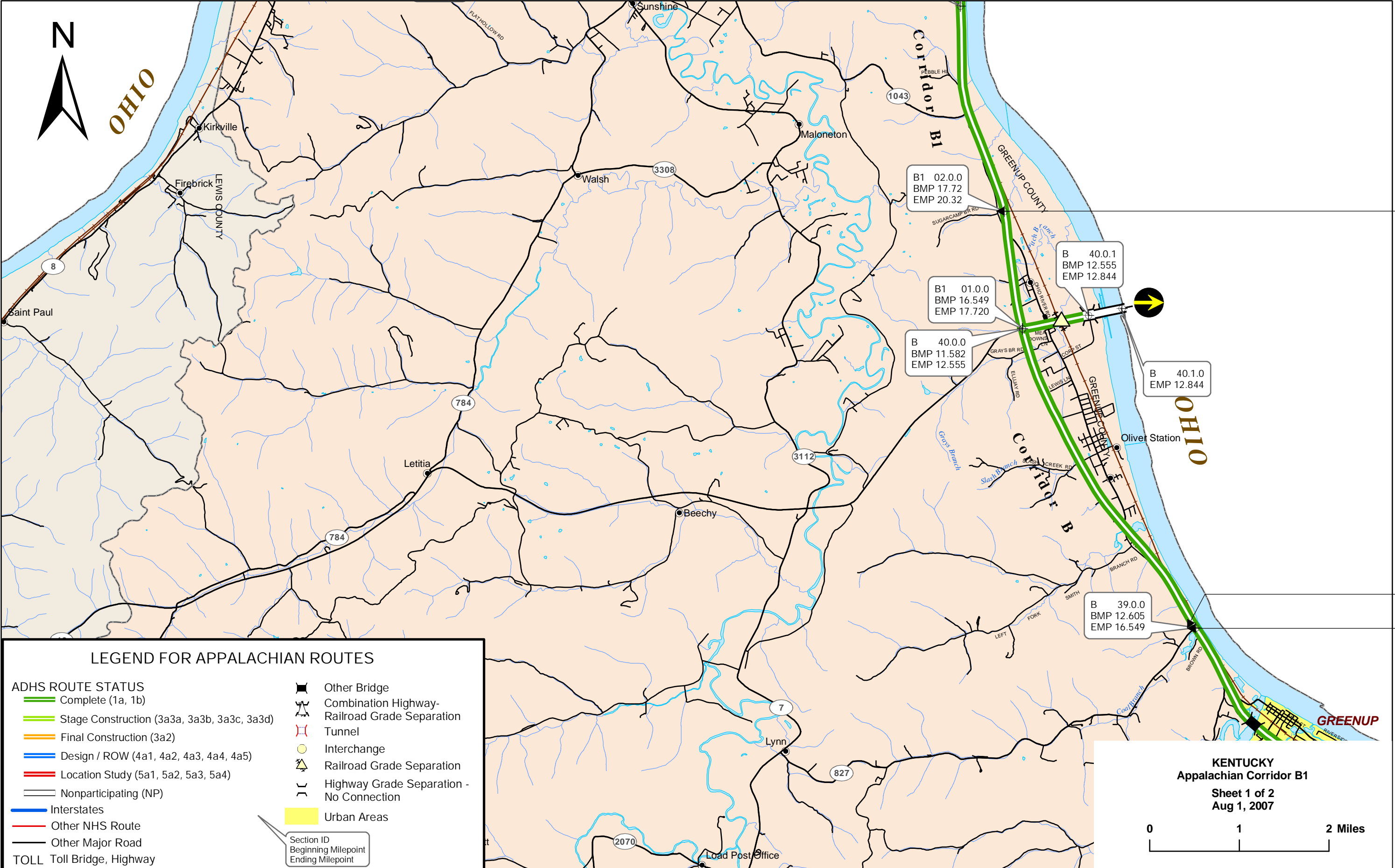
State: KY

ADHS Corridor: B1

Section ID	Corridor Total	Rural Subtotal	Urban Subtotal
<b>LRS Milepoint</b>			
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 (2005)			
---- b. ADT-Year 2015			
---- c. Design Year			
---- d. ADT-Design Year			
---- e. DHV-Design Year			
---- f. % Truck Design Year(DHV)			
---- g. % Truck Design Year(ADT)			
---- h. Directional Distribution Factor			
8. Number of Lanes to be Constructed this Estimate			
9. Ultimate Number of Through Traffic Lanes			
10. Typical X-Section of Reference/Access Control			
11. Right-of-Way Width(ft), prevailing			
12. Median Width(ft), prevailing			
13. Status of Development(Figure 4)			

**Estimated Cost(\$1,000) per Work Classification**

14. Preliminary Engineering:			
---- a. Location	0	0	0
---- b. Design	0	0	0
15. Right-of-Way:			
---- a. Acquisition	0	0	0
---- b. Relocation	0	0	0
16. Utility Adjustments	0	0	0
17. Erosion Control/Clear/Grade/Drain/Minor Structure	0	0	0
18. Subbase, Base, Surfacing, Shoulders	0	0	0
19. Railroad Grade Separations	0	0	0
20. Highway Grade Separations 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
<b>27. Subtotal(lines 17 thru 26)</b>	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
<b>30. Total Estimated Cost(lines 14, 15, 16, 29 &amp; 5% Contingency)</b>	0	0	0



APD 537 (43) R 71  
 APD 537 (63) C 73  
 APD 537 (46) E.R.C. UTIL. 72  
 APD 537 (32) E 72  
 APD 537 (31) E 67  
 APD 537 (36) R 70  
 APD 537 (64) C 73  
 APD 537 (42) E.R.C. UTIL. 72

**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

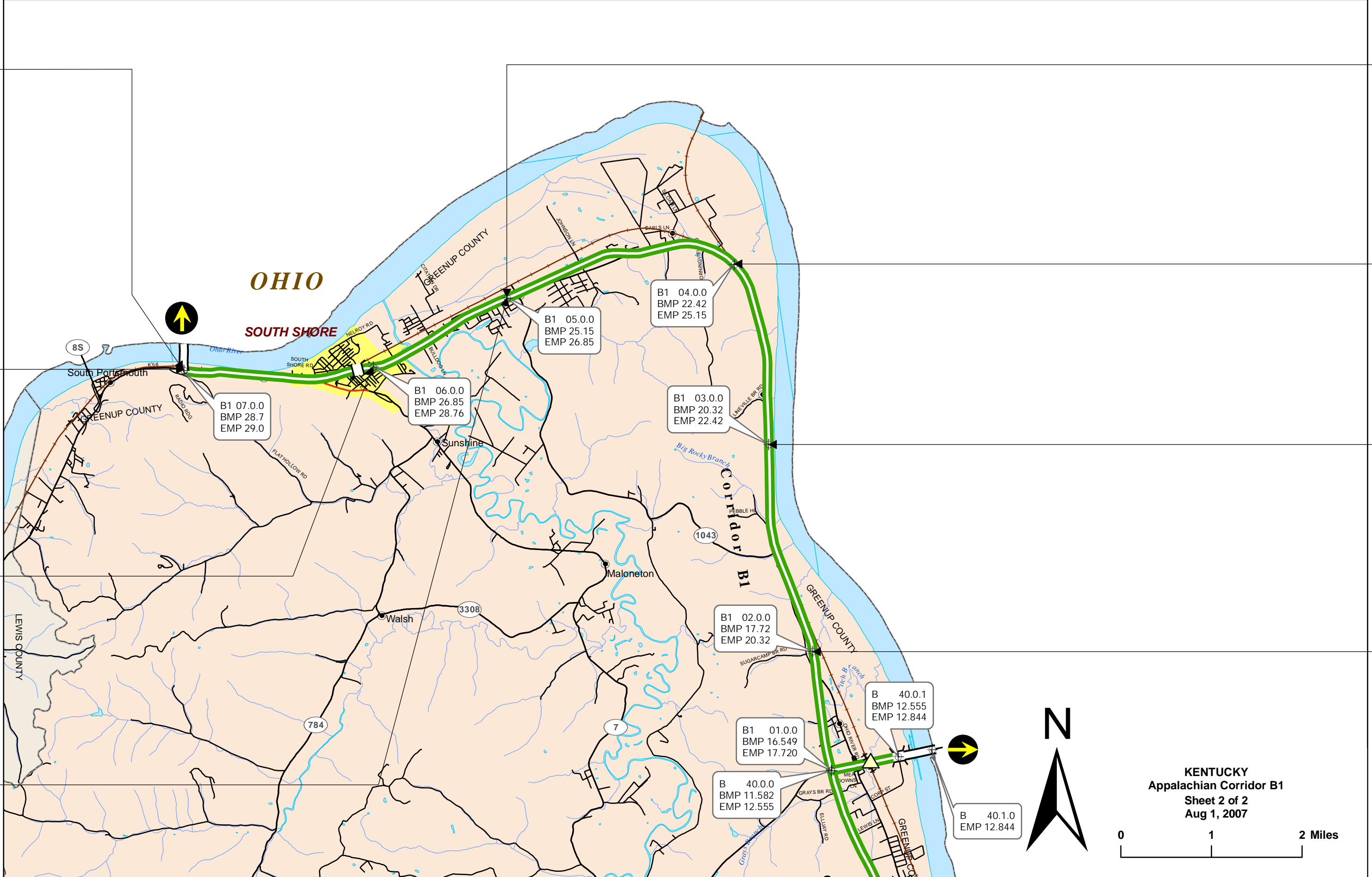
**KENTUCKY**  
**Appalachian Corridor B1**  
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0 1 2 Miles

APD 537 (32) E. 72

APD 537 (45) R. 72  
APD 537 (50) R. 72  
APD 537 (67) C. 73  
APD 537 (62) E.R.C. UTIL. 72  
APD 537 (80) R. 74  
APD 537 (79) C. 74  
APD 537 (59) E.R.C. UTIL. 73

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 (46) E.R.C. UTIL. 72  
APD 537 (43) R. 71  
APD 537 (63) C. 73  
APD 537 (42) E.R.C. UTIL. 72  
APD 537 (31) E. 67  
APD 537 (36) R. 70  
APD 537 (54) C. 73











**2007 Appalachian Development 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
<b>LRS Milepoint: Beginning/Ending</b>	<b>34.783/35.900</b>	<b>35.900/38.200</b>	<b>38.200/39.182</b>	<b>0.000/1.400</b>	<b>1.400/7.760</b>	<b>7.760/8.460</b>
<b>Status</b>	<b>Completed</b>	<b>Completed</b>	<b>Completed</b>	<b>Completed</b>	<b>Design/RoW</b>	<b>Design/RoW</b>
1. Finance Code	20	20	20	20	22	22
2. Section Length(Miles)	0.7	2.5	1	1.4	6.4	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 (2005)	5,000	3,700	3,700	3,200	1,500	1,700
---- b. ADT-Year 2015	6,500	4,800	4,800	4,200	2,000	2,300
---- 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	3,100
---- 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	6,000	547
---- b. Relocation	0	0	0	0	0	197
16. Utility Adjustments	0	0	0	0	4,000	276
17. Erosion Control/Clear/Grade/Drain/Minor Structure	0	0	0	0	60,610	7,269
18. Subbase, Base, Surfacing, Shoulders	0	0	0	0	6,329	832
19. Railroad Grade Separations	0	0	0	0	0	0
20. Highway Grade Separations 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	13,250	1,500
23. Traffic Control	0	0	0	0	1,688	25
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	3,780	433
<b>27. Subtotal(lines 17 thru 26)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>87,657</b>	<b>10,259</b>
28. Construction Engineering(15.00000000% of line 27)	0	0	0	0	13,149	1,539
29. Total Cost of Construction(lines 27 & 28)	0	0	0	0	100,806	11,798
<b>30. Total Estimated Cost(lines 14, 15, 16, 29 &amp; 5% Contingency)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>116,346</b>	<b>14,467</b>

**2007 Appalachian Development 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
<b>LRS Milepoint: Beginning/Ending</b>	<b>8.460/10.260</b>	<b>10.260/12.060</b>	<b>-/-</b>	<b>12.260/20.970</b>	<b>20.970/23.179</b>
<b>Status</b>	<b>Design/RoW</b>	<b>Design/RoW</b>	<b>Location Study</b>	<b>Completed</b>	<b>NP</b>
1. Finance Code	22	22	23	20	20
2. Section Length(Miles)	1.8	1.8	3.9	8.7	2.2
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		60	60
7. Traffic:					
---- a. ADT-Base Year (2005)	1,700	1,700		9,700	7,800
---- b. ADT-Year 2015	2,300	2,300		12,200	10,000
---- c. Design Year	2,026	2,026		1,990	1,980
---- d. ADT-Design Year	3,100	3,100		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	5a1	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	18,788	0	0	0
18. Subbase, Base, Surfacing, Shoulders	1,752	2,208	0	0	0
19. Railroad Grade Separations	0	0	0	0	0
20. Highway Grade Separations without Ramps	0	0	0	0	0
21. Interchanges	0	0	0	0	0
22. Other Bridges, Tunnels, and Walls	179,180	8,900	0	0	0
23. Traffic Control	0	225	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	8,142	1,355	0	0	0
<b>27. Subtotal(lines 17 thru 26)</b>	<b>189,074</b>	<b>32,276</b>	<b>0</b>	<b>0</b>	<b>0</b>
28. Construction Engineering(15.00000000% of line 27)	<b>28,361</b>	<b>4,841</b>	<b>0</b>	<b>0</b>	<b>0</b>
29. Total Cost of Construction(lines 27 & 28)	<b>217,435</b>	<b>37,117</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>30. Total Estimated Cost(lines 14, 15, 16, 29 &amp; 5% Contingency)</b>	<b>232,967</b>	<b>45,230</b>	<b>0</b>	<b>0</b>	<b>0</b>



**2007 Appalachian Development Highway System Cost Estimate**  
 Table B - Design Classification and Cost Estimate by Estimate Sections with Corridor Totals

State: KY

ADHS Corridor: F

Section ID	Corridor Total	Rural Subtotal	Urban Subtotal
<b>LRS Milepoint</b>			
1. Finance Code			
2. Section Length(Miles)	94.40	91.60	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 (2005)			
---- b. ADT-Year 2015			
---- c. Design Year			
---- d. ADT-Design Year			
---- e. DHV-Design Year			
---- f. % Truck Design Year(DHV)			
---- g. % Truck Design Year(ADT)			
---- h. Directional Distribution Factor			
8. Number of Lanes to be Constructed this Estimate			
9. Ultimate Number of Through Traffic Lanes			
10. Typical X-Section of Reference/Access Control			
11. Right-of-Way Width(ft), prevailing			
12. Median Width(ft), prevailing			
13. Status of Development(Figure 4)			

**Estimated Cost(\$1,000) per Work Classification**

14. Preliminary Engineering:			
---- a. Location	0	0	0
---- b. Design	6,000	6,000	0
15. Right-of-Way:			
---- a. Acquisition	9,420	9,420	0
---- b. Relocation	1,232	1,232	0
16. Utility Adjustments	5,725	5,725	0
17. Erosion Control/Clear/Grade/Drain/Minor Structure	86,667	86,667	0
18. Subbase, Base, Surfacing, Shoulders	11,121	11,121	0
19. Railroad Grade Separations	0	0	0
20. Highway Grade Separations without Ramps	0	0	0
21. Interchanges	0	0	0
22. Other Bridges, Tunnels, and Walls	202,830	202,830	0
23. Traffic Control	1,938	1,938	0
24. Environmental Mitigation	3,000	3,000	0
25. Roadside Improvements:			
---- a. Landscape Planting	0	0	0
---- b. Rest Area, Overlooks	0	0	0
26. All Other Items	13,710	13,710	0
<b>27. Subtotal(lines 17 thru 26)</b>	<b>319,266</b>	<b>319,266</b>	<b>0</b>
28. Construction Engineering(15.00000000% of line 27)	47,890	47,890	0
29. Total Cost of Construction(lines 27 & 28)	367,156	367,156	0
<b>30. Total Estimated Cost(lines 14, 15, 16, 29 &amp; 5% Contingency)</b>	<b>409,010</b>	<b>409,010</b>	<b>0</b>

APD 61 (15)E 70

APD 61 (39)C 73

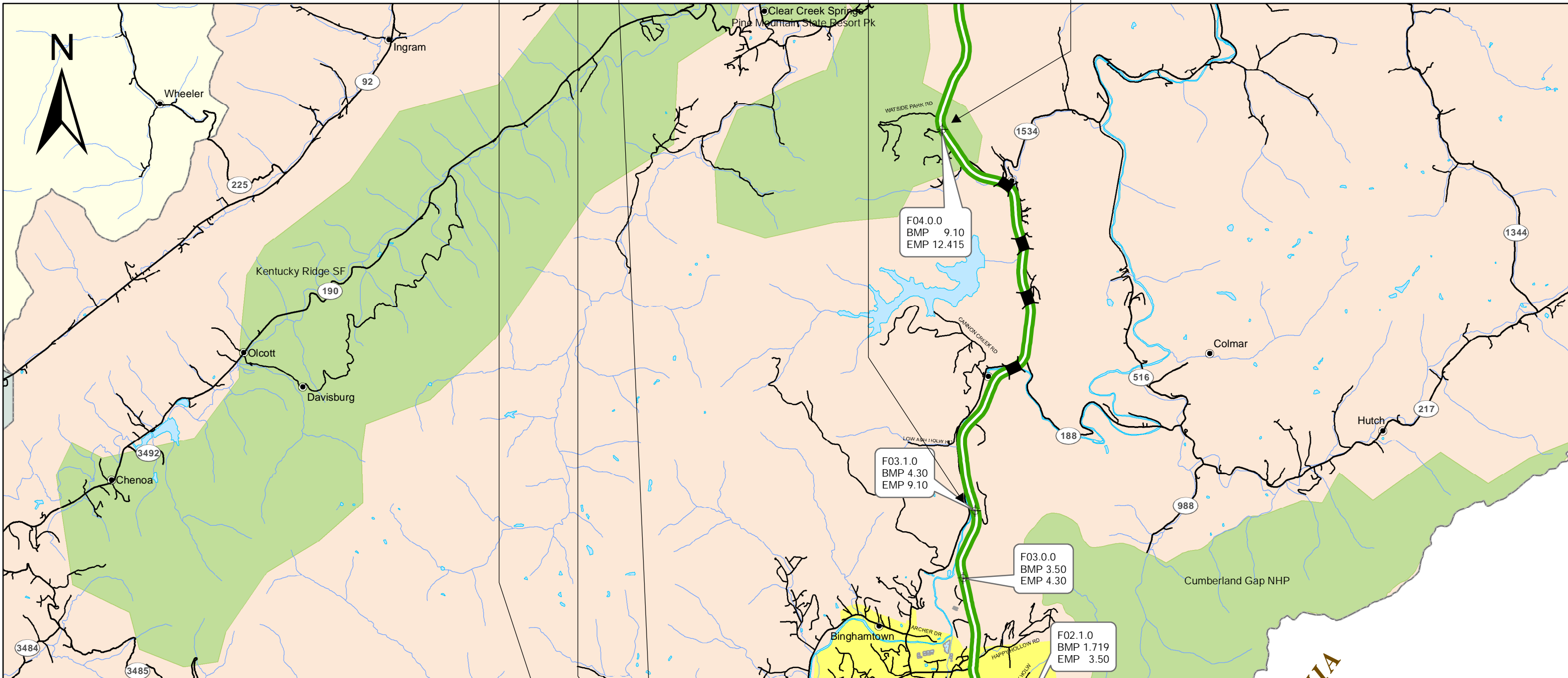
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APD 61 (24)R 70

APD 61 (30)R 71  
APD 61 (29)R.C. 68  
APD 61 (23)R 68

APD 61 (34)C 70

APD 61 (31)C 68



**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**

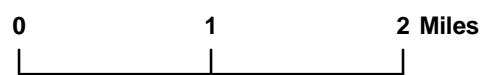
**Highway Grade Separation - No Connection**

**Urban Areas**

**Section ID**  
**Beginning Milepoint**  
**Ending Milepoint**

**VIRGINIA**

**KENTUCKY**  
**Appalachian Corridor F**  
**Sheet 1 of 6**  
**Aug 1, 2007**



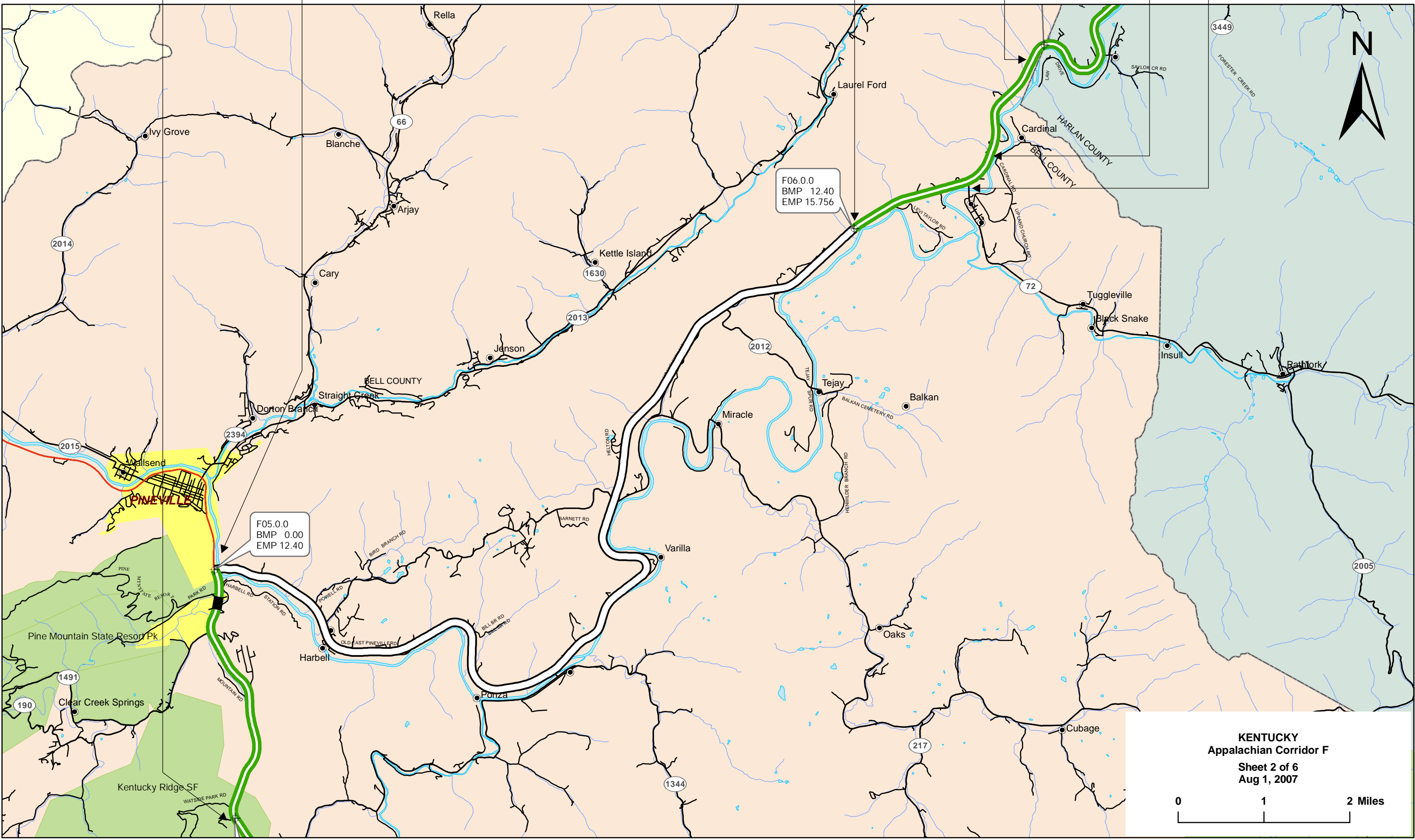
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APD 61 (24)R 70  
APD 61 (15)E 70

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



**KENTUCKY**  
**Appalachian Corridor F**  
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APD 151 (24)R 70  
 APD 151 (25) E.R.C. UTIL. 68  
 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

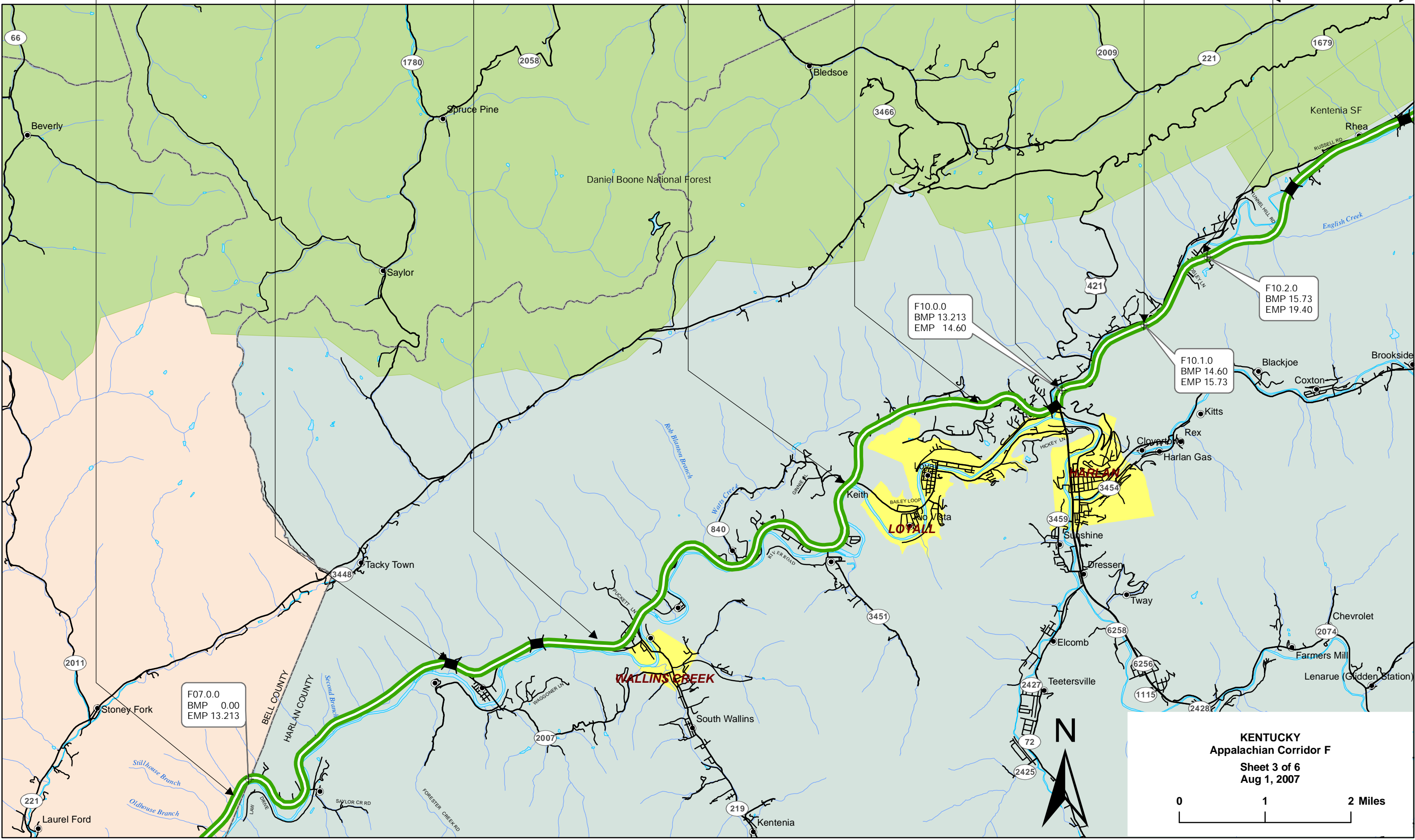
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 APD 140 (16)C 71

APD 140 (31) E.R.C. UTIL. 73

APD 140 (46)C 76  
 APD 140 (24)R 72

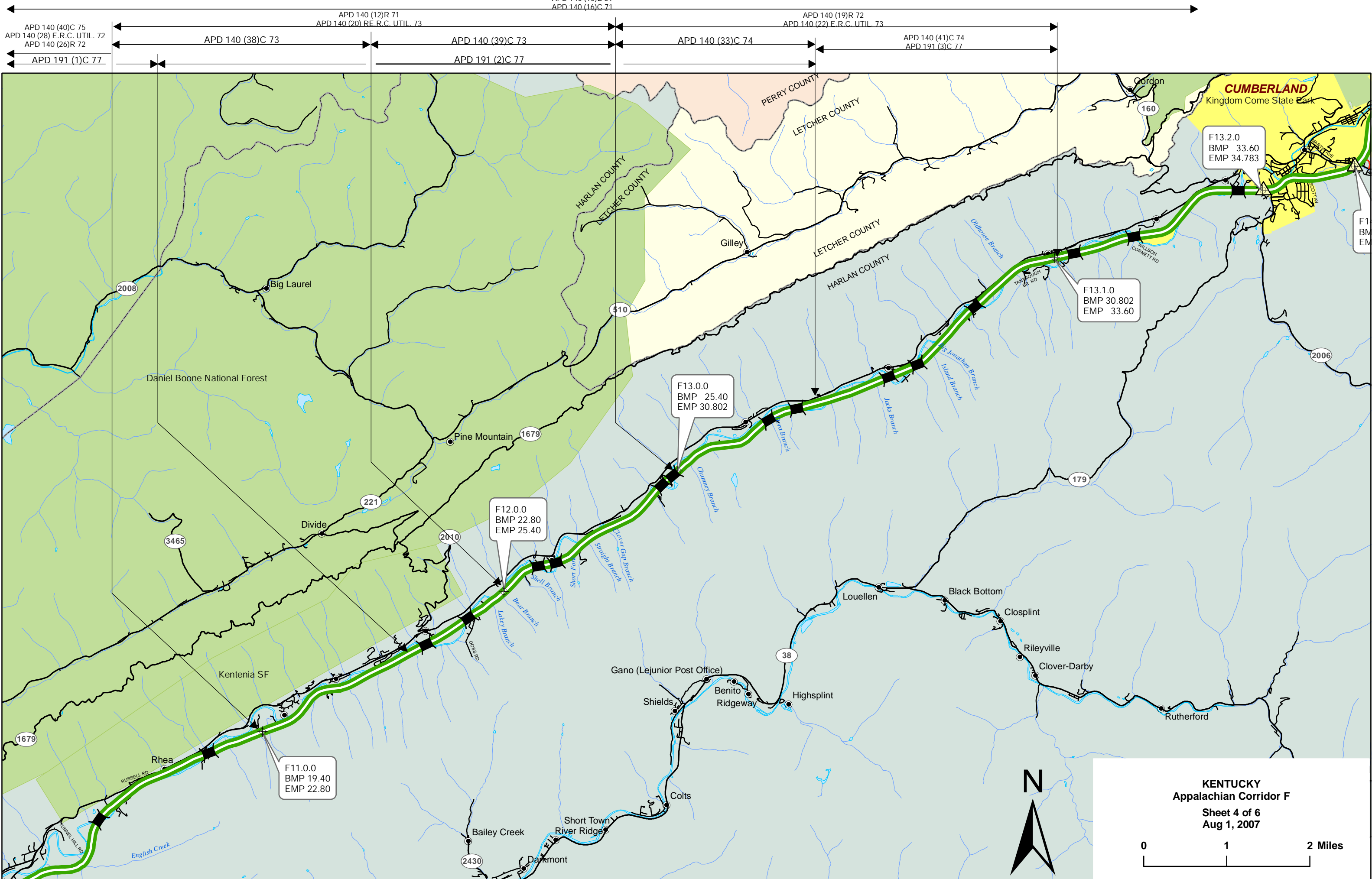
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 APD 140 (25)C 72

APD 140 (40)C 75  
 APD 140 (28)E.R.C. UTIL. 72  
 APD 191 (1)C 77  
 APD 140 (26)R 72



**KENTUCKY**  
**Appalachian Corridor F**  
 Sheet 3 of 6  
 Aug 1, 2007

0 1 2 Miles



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 140 (38)C 73

APD 140 (12)R 71  
APD 140 (20) RE.R.C. UTIL. 73

APD 140 (39)C 73

APD 191 (1)C 77

APD 191 (2)C 77

APD 140 (33)C 74

APD 140 (19)R 72  
APD 140 (22) E.R.C. UTIL. 73

APD 140 (41)C 74  
APD 191 (3)C 77

**KENTUCKY**  
Appalachian Corridor F  
Sheet 4 of 6  
Aug 1, 2007

0 1 2 Miles



APD 140 (41)C 74  
 APD 140 (3)C 77  
 APD 140 (19)R 72  
 APD 140 (22) E.R.C. UTIL. 73

APD140 (34)C 74  
 APD140 (17)R 72

APD 140 (15) E.C. 72  
 APD 140 (18)R 72

APD140 (23) E.R.C. UTIL. 74  
 APD140 (32)C 76

APD 140 (10)E 69  
 APD191 (7)C 77

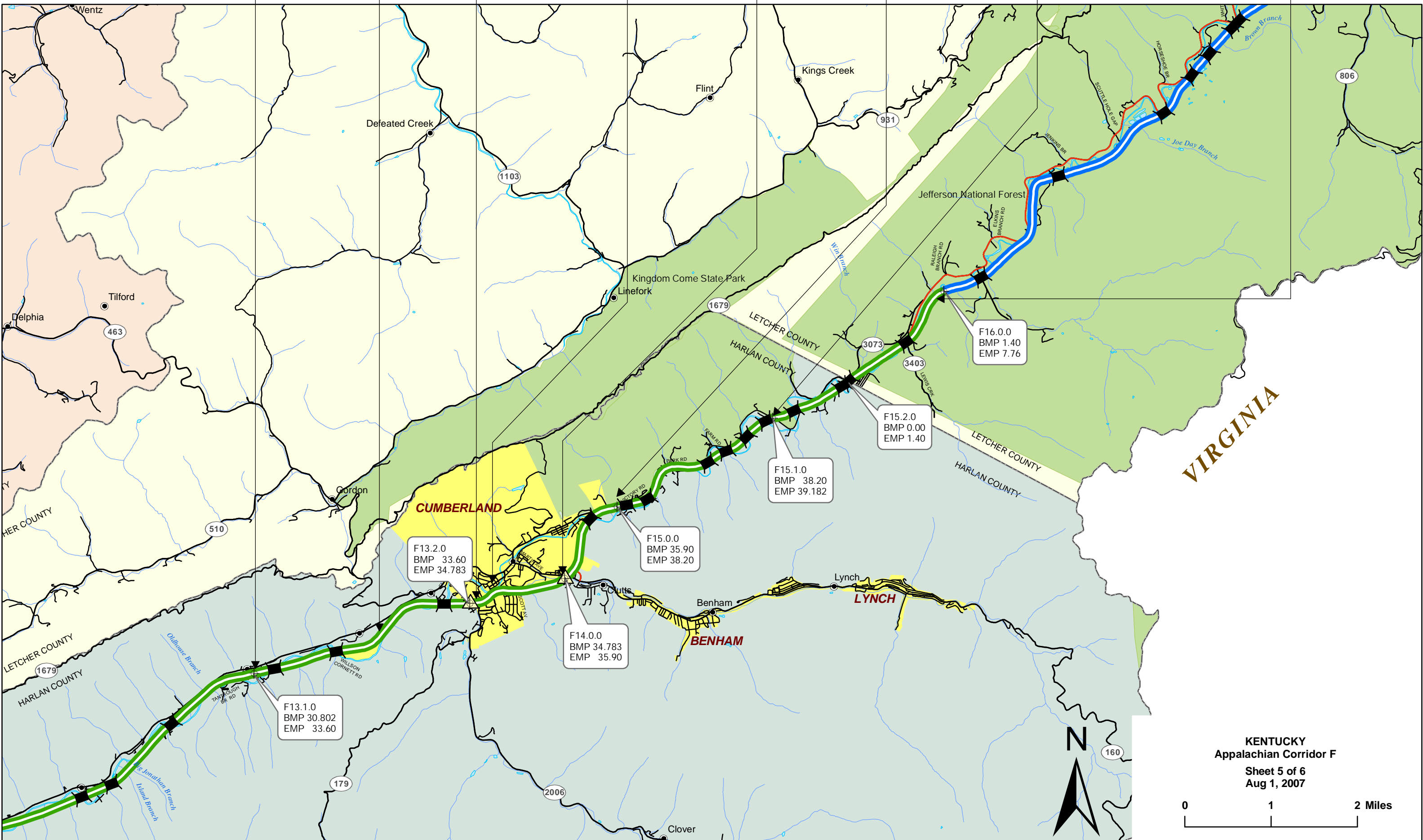
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 APD140 (29) E.R.C. UTIL. 73  
 APD140 (47)C 76

APD 140 (16)C 71  
 APD 140 (27)R 73  
 APD 140 (36) ERC UTIL. 74

APD 119 140 (42)D 04  
 APD 119-1 (21)R 01  
 APD 140 (14)E 70  
 APD 140 (42)E 75

APD 140 (30)R 73  
 APD 140 (37) ERC UTIL. 75  
 APD 191 (13)C 91

APD 119 1191 (33)U 03



F13.2.0  
 BMP 33.60  
 EMP 34.783

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

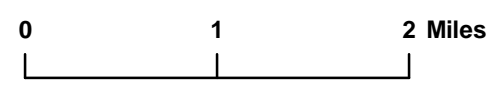
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 BMP 1.40  
 EMP 7.76

F13.1.0  
 BMP 30.802  
 EMP 33.60

F14.0.0  
 BMP 34.783  
 EMP 35.90

**VIRGINIA**

**KENTUCKY**  
 Appalachian Corridor F  
 Sheet 5 of 6  
 Aug 1, 2007



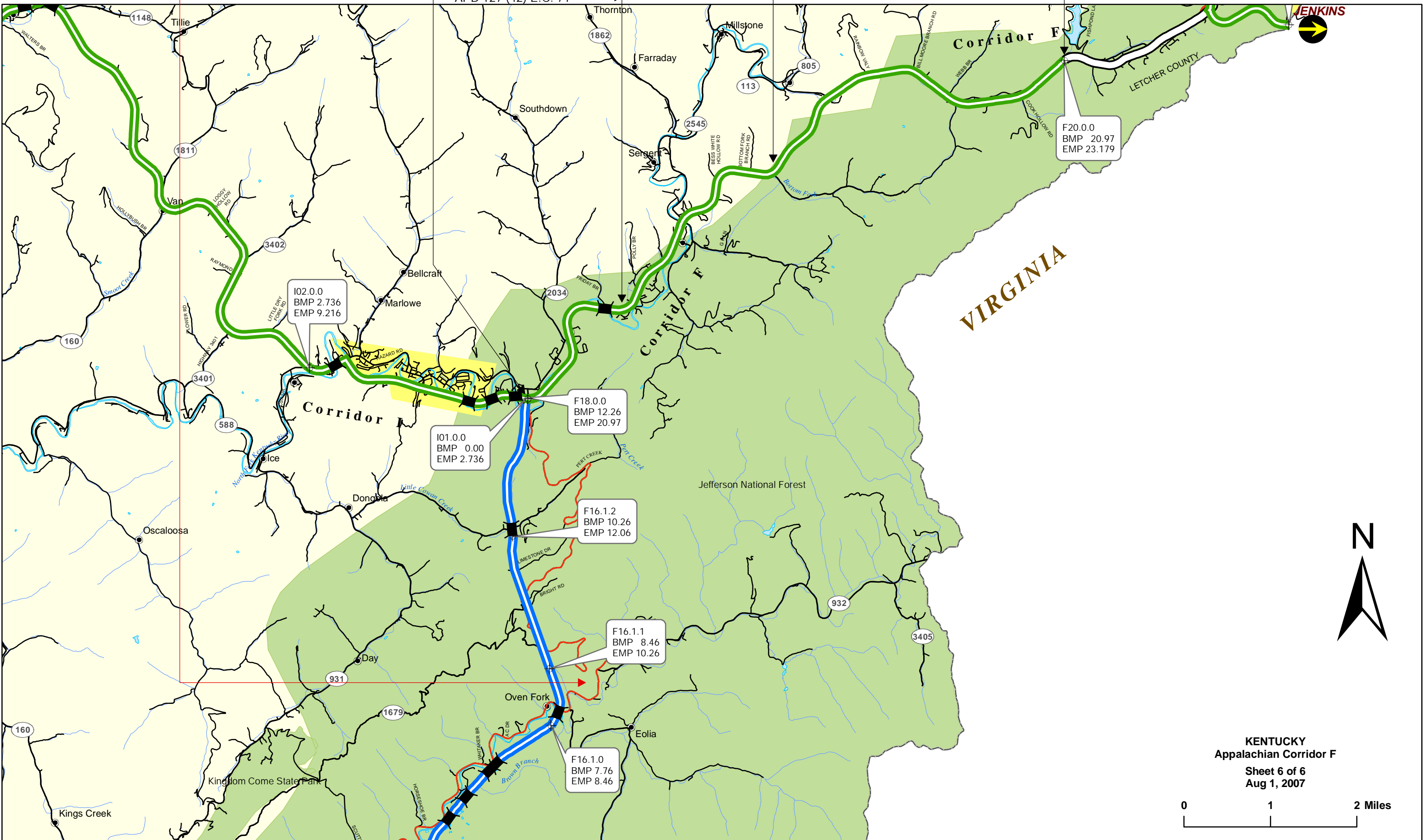
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APD 119 1191 (33)U 03      APD 127 (38)C 71      APD 127 (37)C 71

APD 119 140 (42)D 04

APD 119-1 (21)R 01

APD 127 (42) E.C. 71



**KENTUCKY**  
**Appalachian Corridor F**  
 Sheet 6 of 6  
 Aug 1, 2007

0 1 2 Miles







**2007 Appalachian Development 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	<b>Completed</b>	<b>Completed</b>	<b>Completed</b>	<b>Completed</b>
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 (2005)	21,900	19,800	12,000	10,000
---- b. ADT-Year 2015	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 Separations	0	0	0	0
20. Highway Grade Separations 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
<b>27. Subtotal(lines 17 thru 26)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
28. Construction Engineering(15.00000000% of line 27)	0	0	0	0
29. Total Cost of Construction(lines 27 & 28)	0	0	0	0
<b>30. Total Estimated Cost(lines 14, 15, 16, 29 &amp; 5% Contingency)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**2007 Appalachian Development Highway System Cost Estimate**  
 Table B - Design Classification and Cost Estimate by Estimate Sections with Corridor Totals

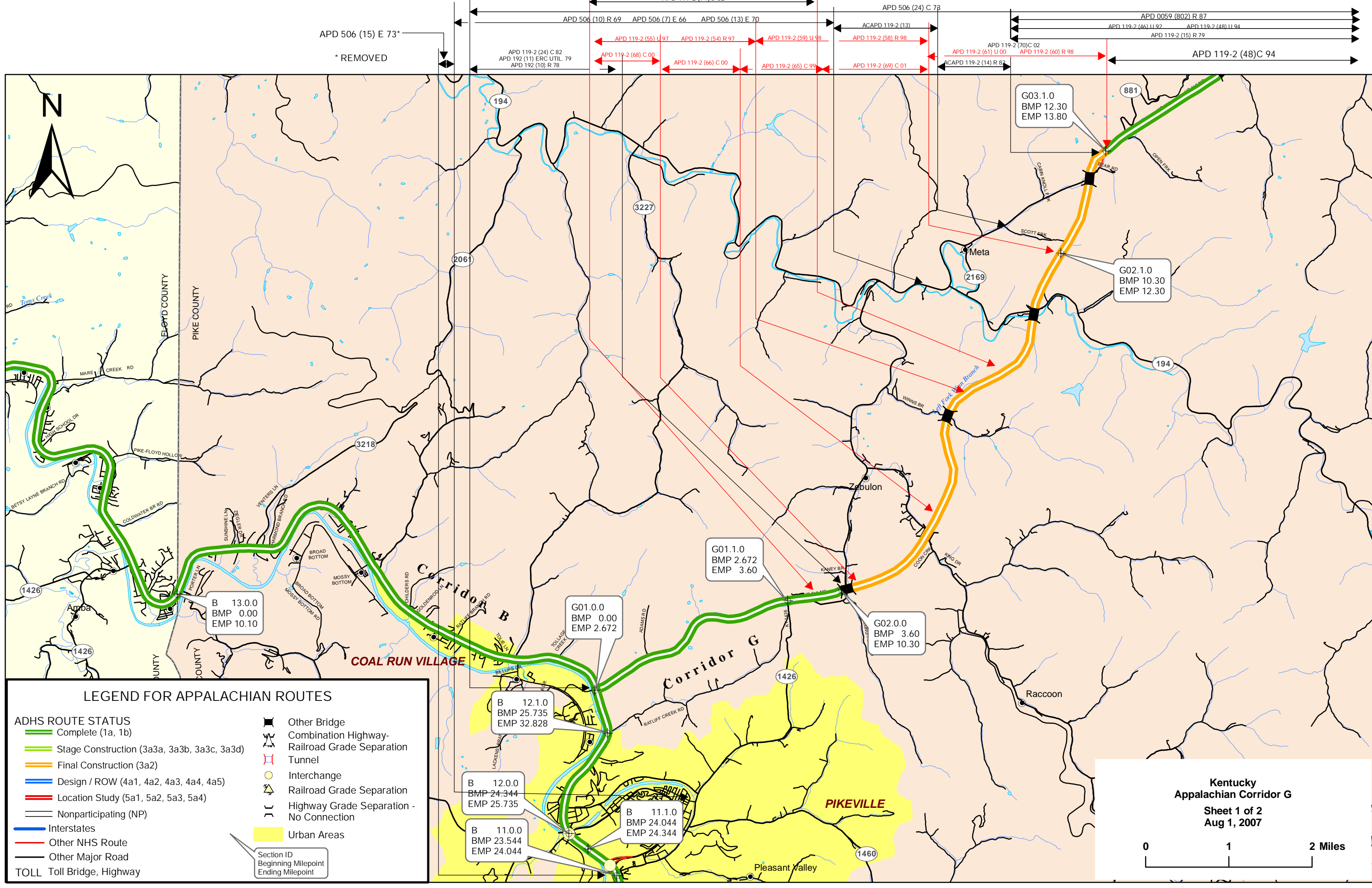
State: KY

ADHS Corridor: G

Section ID	Corridor Total	Rural Subtotal	Urban Subtotal
<b>LRS Milepoint</b>			
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 (2005)			
---- b. ADT-Year 2015			
---- c. Design Year			
---- d. ADT-Design Year			
---- e. DHV-Design Year			
---- f. % Truck Design Year(DHV)			
---- g. % Truck Design Year(ADT)			
---- h. Directional Distribution Factor			
8. Number of Lanes to be Constructed this Estimate			
9. Ultimate Number of Through Traffic Lanes			
10. Typical X-Section of Reference/Access Control			
11. Right-of-Way Width(ft), prevailing			
12. Median Width(ft), prevailing			
13. Status of Development(Figure 4)			

**Estimated Cost(\$1,000) per Work Classification**

14. Preliminary Engineering:			
---- a. Location	0	0	0
---- b. Design	0	0	0
15. Right-of-Way:			
---- a. Acquisition	0	0	0
---- b. Relocation	0	0	0
16. Utility Adjustments	0	0	0
17. Erosion Control/Clear/Grade/Drain/Minor Structure	0	0	0
18. Subbase, Base, Surfacing, Shoulders	0	0	0
19. Railroad Grade Separations	0	0	0
20. Highway Grade Separations 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
<b>27. Subtotal(lines 17 thru 26)</b>	0	0	0
28. Construction Engineering(15.00000000% of line 27)	0	0	0
29. Total Cost of Construction(lines 27 & 28)	0	0	0
<b>30. Total Estimated Cost(lines 14, 15, 16, 29 &amp; 5% Contingency)</b>	0	0	0



APD 506 (15) E 73\*  
\* REMOVED

APD 119-2 (71) C 02  
APD 506 (10) R 69 APD 506 (7) E 66 APD 506 (13) E 70  
APD 119-2 (55) U 97 APD 119-2 (54) R 97 APD 119-2 (59) U 98  
ACAPD 119-2 (13)  
APD 119-2 (58) R 98  
APD 119-2 (61) U 00 APD 119-2 (60) R 98  
APD 119-2 (70) C 02  
ACAPD 119-2 (14) R 82  
APD 0059 (802) R 87  
APD 119-2 (46) U 92 APD 119-2 (48) U 94  
APD 119-2 (15) R 79  
APD 119-2 (48) C 94

### LEGEND FOR APPALACHIAN ROUTES

Complete (1a, 1b)	Other Bridge
Stage Construction (3a3a, 3a3b, 3a3c, 3a3d)	Combination Highway-Railroad Grade Separation
Final Construction (3a2)	Tunnel
Design / ROW (4a1, 4a2, 4a3, 4a4, 4a5)	Interchange
Location Study (5a1, 5a2, 5a3, 5a4)	Railroad Grade Separation
Nonparticipating (NP)	Highway Grade Separation - No Connection
Interstates	Urban Areas
Other NHS Route	
Other Major Road	
<b>TOLL</b> Toll Bridge, Highway	

Section ID  
Beginning Milepoint  
Ending Milepoint

**Kentucky  
Appalachian Corridor G**

Sheet 1 of 2  
Aug 1, 2007

0 1 2 Miles

B 13.00  
BMP 0.00  
EMP 10.10

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

G03.1.0  
BMP 12.30  
EMP 13.80

G02.1.0  
BMP 10.30  
EMP 12.30

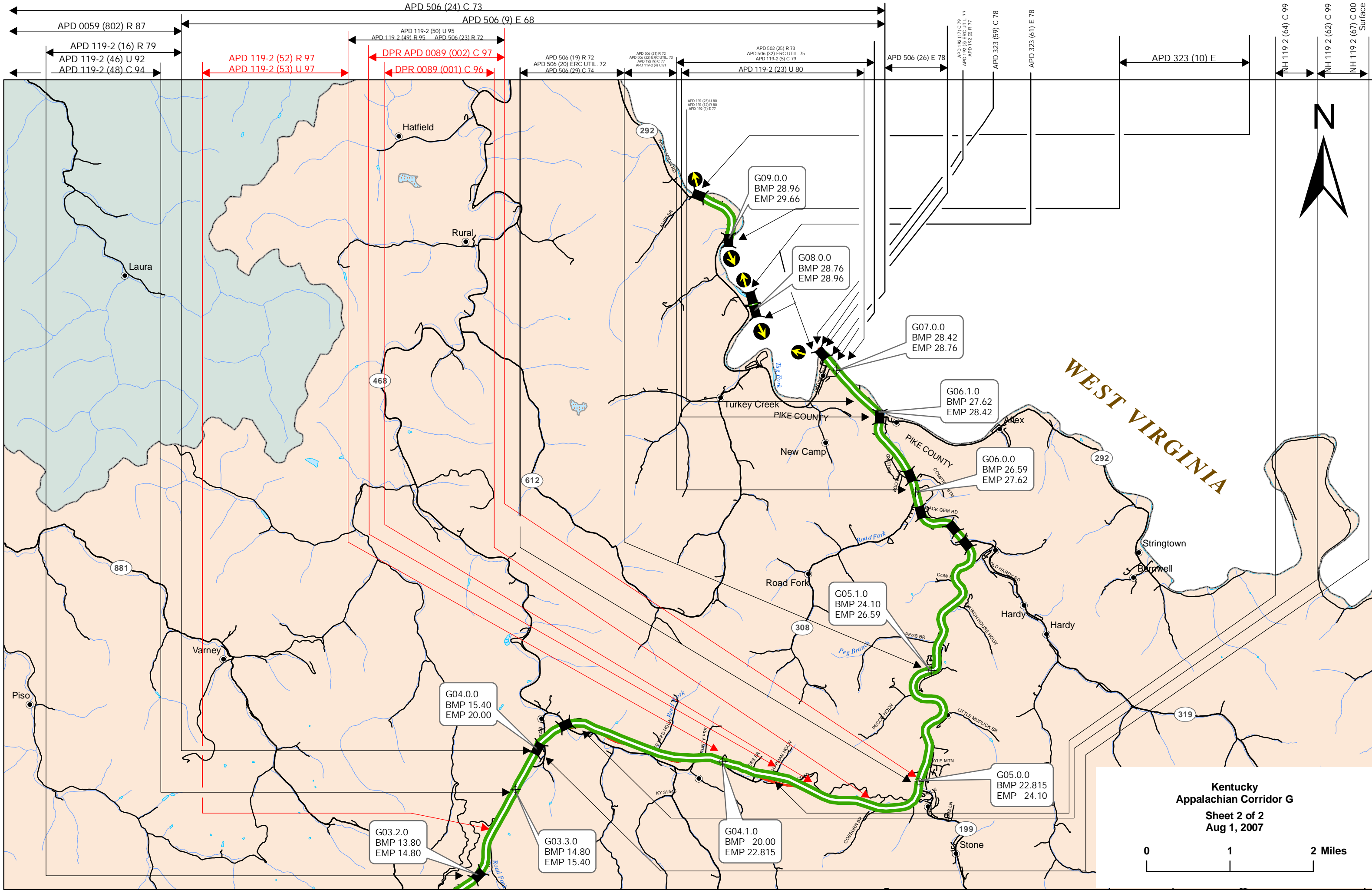
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EMP 32.828

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EMP 24.044

B 11.1.0  
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EMP 24.344

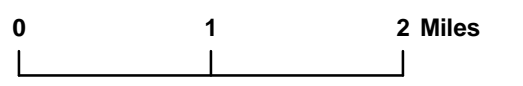




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 APD 119-2 (16) R 79  
 APD 119-2 (46) U 92  
 APD 119-2 (48) C 94  
 APD 119-2 (52) R 97  
 APD 119-2 (53) U 97  
 APD 506 (24) C 73  
 APD 119-2 (50) U 95  
 APD 119-2 (49) R 95  
 APD 506 (23) R 72  
 DPR APD 0089 (002) C 97  
 DPR 0089 (001) C 96  
 APD 506 (19) R 72  
 APD 506 (20) ERC UTIL. 72  
 APD 506 (29) C 74  
 APD 506 (21) R 72  
 APD 506 (22) ERC UTIL. 73  
 APD 192 (9) C 77  
 APD 119-2 (4) C 81  
 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 192 (17) C 79  
 APD 192 (18) ERC UTIL. 77  
 APD 192 (2) R 77  
 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

WEST VIRGINIA

**Kentucky  
 Appalachian Corridor G**  
 Sheet 2 of 2  
 Aug 1, 2007











**2007 Appalachian Development 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
<b>LRS Milepoint: Beginning/Ending</b>	<b>36.000/42.700</b>	<b>11.910/36.000</b>	<b>0.000/11.910</b>
<b>Status</b>	<b>NP</b>	<b>NP</b>	<b>NP</b>
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 #	3000009000/16	3000009000/16	3000009000/18
5. Estimate Section/NHS Designation	2/NHS	2/NHS	2/NHS
6. Design Speed(mph)	60	60	60
7. Traffic:			
---- a. ADT-Base Year (2005)	7,100	12,200	12,400
---- b. ADT-Year 2015	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 Separations	0	0	0
20. Highway Grade Separations 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
<b>27. Subtotal(lines 17 thru 26)</b>	<b>0</b>	<b>0</b>	<b>0</b>
28. Construction Engineering(8.00000000% of line 27)	0	0	0
29. Total Cost of Construction(lines 27 & 28)	0	0	0
<b>30. Total Estimated Cost(lines 14, 15, 16, 29 &amp; 5% Contingency)</b>	<b>0</b>	<b>0</b>	<b>0</b>

**2007 Appalachian Development Highway System Cost Estimate**  
 Table B - Design Classification and Cost Estimate by Estimate Sections with Corridor Totals

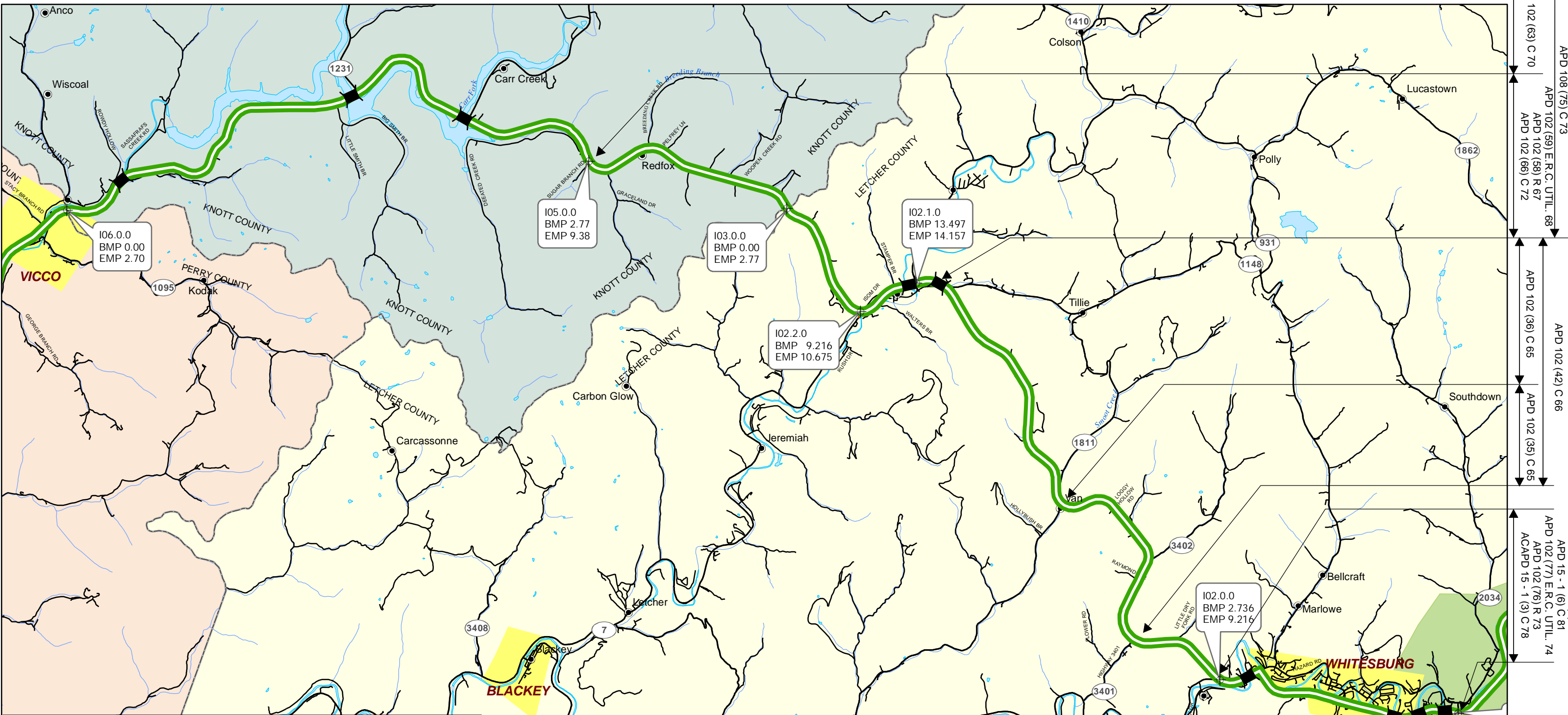
State: KY

ADHS Corridor: I

Section ID	Corridor Total	Rural Subtotal	Urban Subtotal
<b>LRS Milepoint</b> 1. Finance Code 2. Section Length(Miles) 3. Class/Urban Code 4. Location: ---- a. FIPS State/County/Congressional ---- b. HPMS Route/Subroute ---- c. HPMS Signed Route/Strip Map # 5. Estimate Section/NHS Designation 6. Design Speed(mph) 7. Traffic: ---- a. ADT-Base Year (2005) ---- b. ADT-Year 2015 ---- c. Design Year ---- d. ADT-Design Year ---- e. DHV-Design Year ---- f. % Truck Design Year(DHV) ---- g. % Truck Design Year(ADT) ---- h. Directional Distribution Factor 8. Number of Lanes to be Constructed this Estimate 9. Ultimate Number of Through Traffic Lanes 10. Typical X-Section of Reference/Access Control 11. Right-of-Way Width(ft), prevailing 12. Median Width(ft), prevailing 13. Status of Development(Figure 4)	126.20	121.90	4.30

**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 Separations	0	0	0
20. Highway Grade Separations 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
<b>27. Subtotal(lines 17 thru 26)</b>	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
<b>30. Total Estimated Cost(lines 14, 15, 16, 29 &amp; 5% Contingency)</b>	0	0	0



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 (3) C 78  
 APD 102 (77) E.R.C. UTIL. 74  
 APD 102 (76) R 73  
 ACAPD 15 - 1 (6) C 81

### LEGEND FOR APPALACHIAN ROUTES

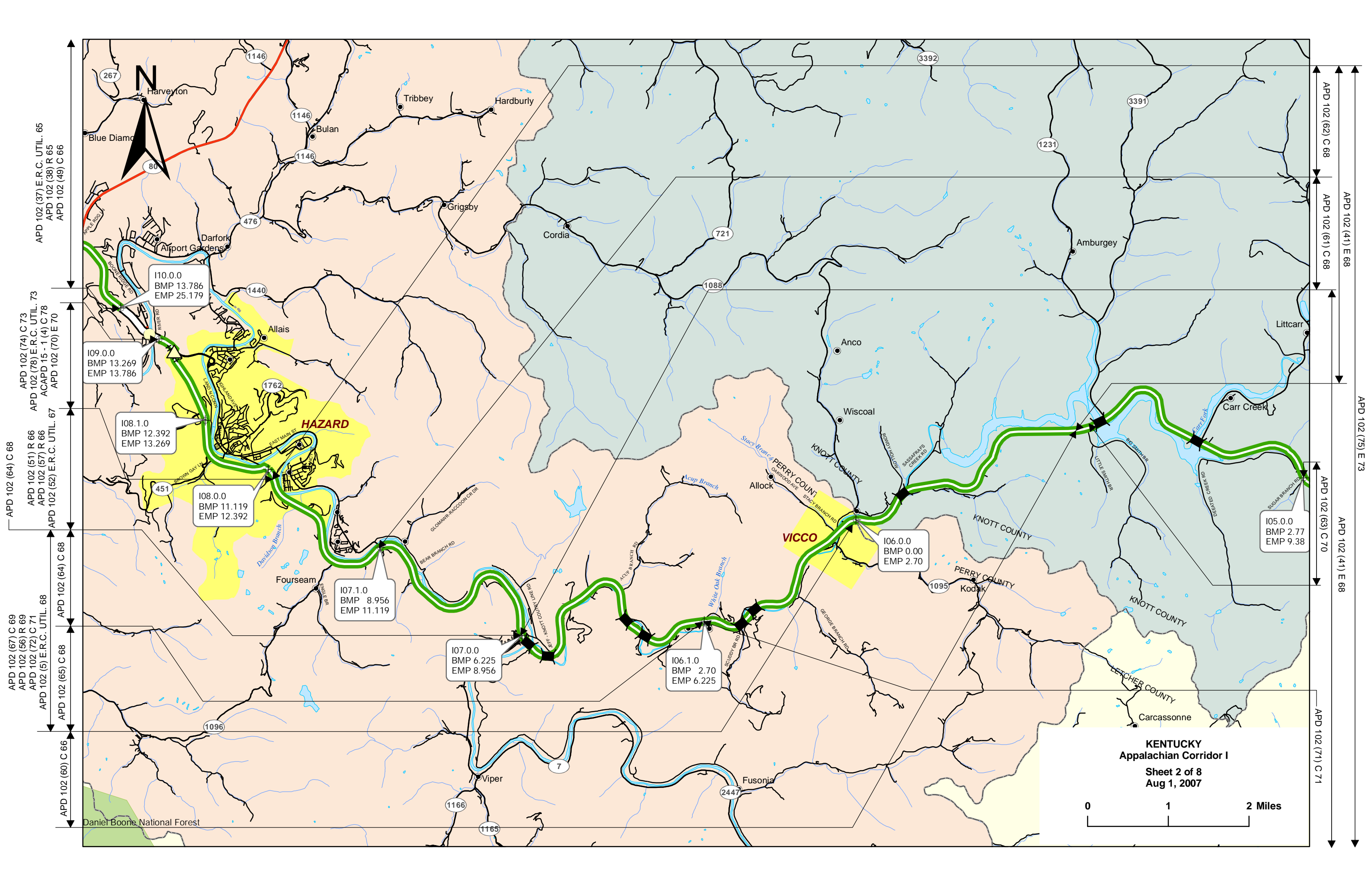
<b>ADHS ROUTE STATUS</b>		Other Bridge
Complete (1a, 1b)	Stage Construction (3a3a, 3a3b, 3a3c, 3a3d)	Combination Highway-Railroad Grade Separation
Final Construction (3a2)	Design / ROW (4a1, 4a2, 4a3, 4a4, 4a5)	Tunnel
Location Study (5a1, 5a2, 5a3, 5a4)	Nonparticipating (NP)	Interchange
Interstates	Other NHS Route	Railroad Grade Separation
Other Major Road	Toll Bridge, Highway	Highway Grade Separation - No Connection
Urban Areas		Urban Areas

Section ID  
 Beginning Milepoint  
 Ending Milepoint

**KENTUCKY**  
**Appalachian Corridor I**  
 Sheet 1 of 8  
 Aug 1, 2007

0 1 2 Miles





APD 102 (39) E.R.C. UTIL. 65  
APD 102 (40) R 65

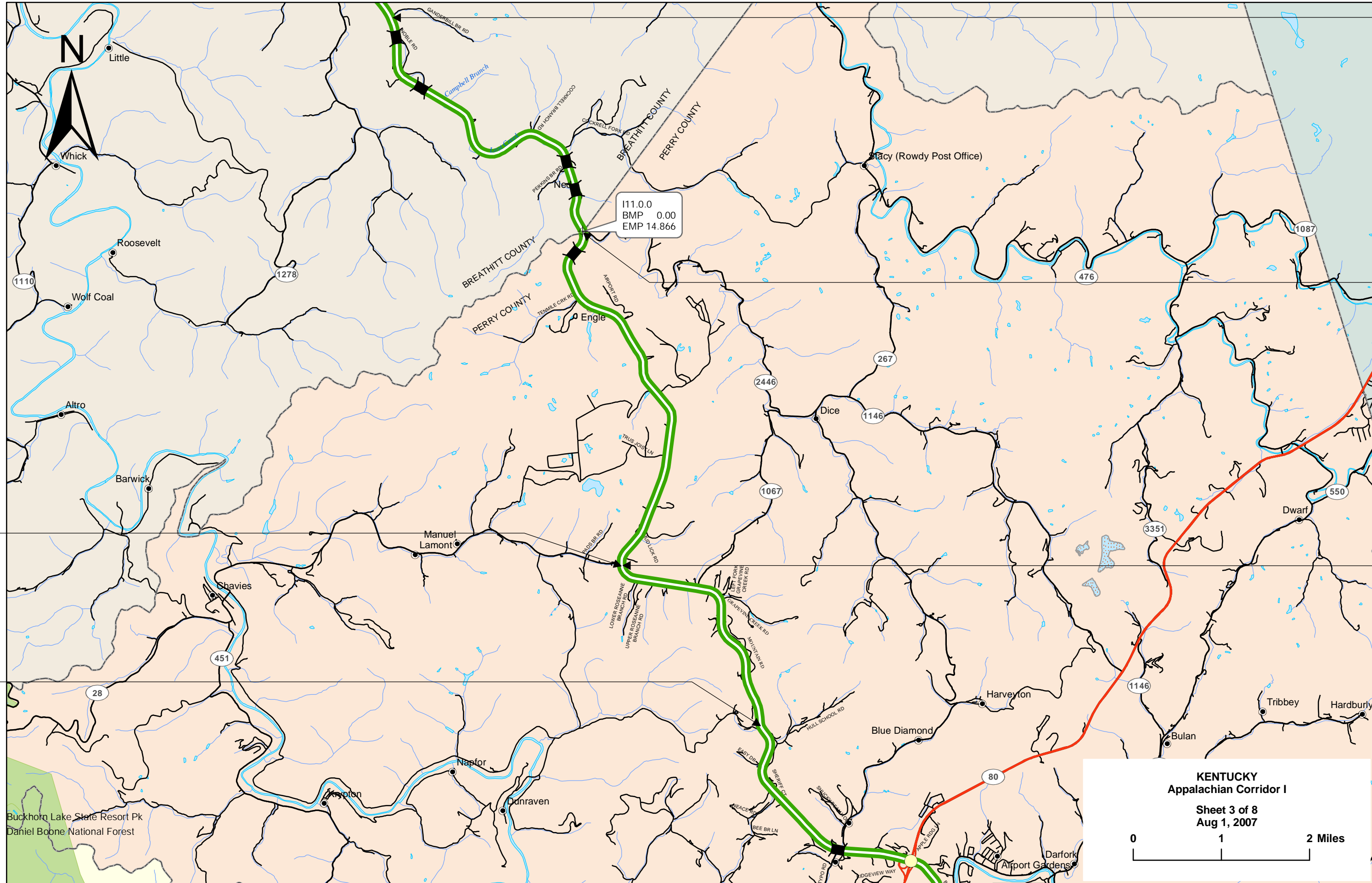
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APD 102 (38) R 65

APD 102 (43) C 70

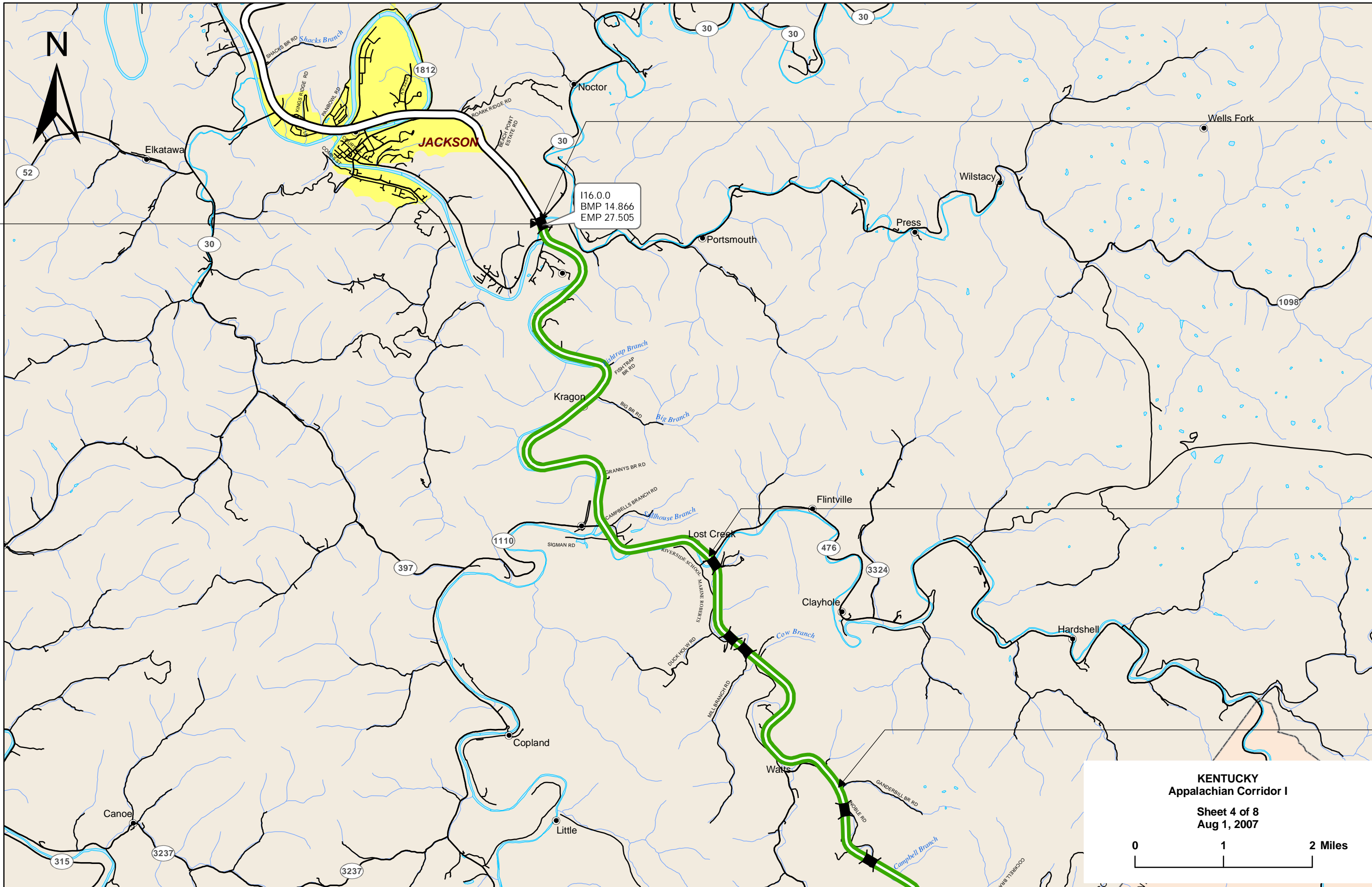
APD 102 (49) C 66

APD 102 (48) C 66

APD 102 (48) C 66

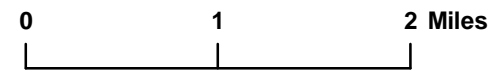


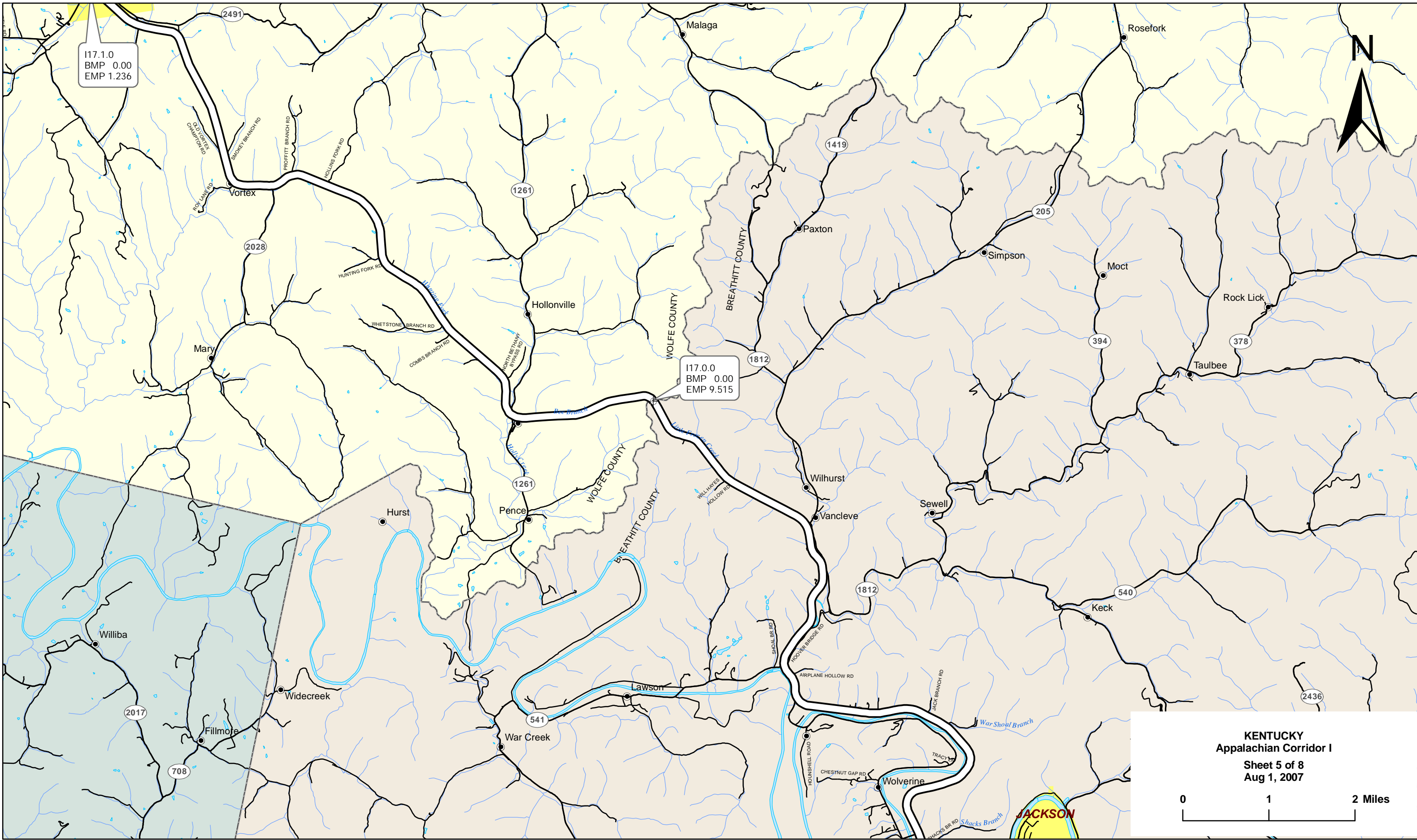




**KENTUCKY  
Appalachian Corridor I**

Sheet 4 of 8  
Aug 1, 2007





I17.1.0  
BMP 0.00  
EMP 1.236

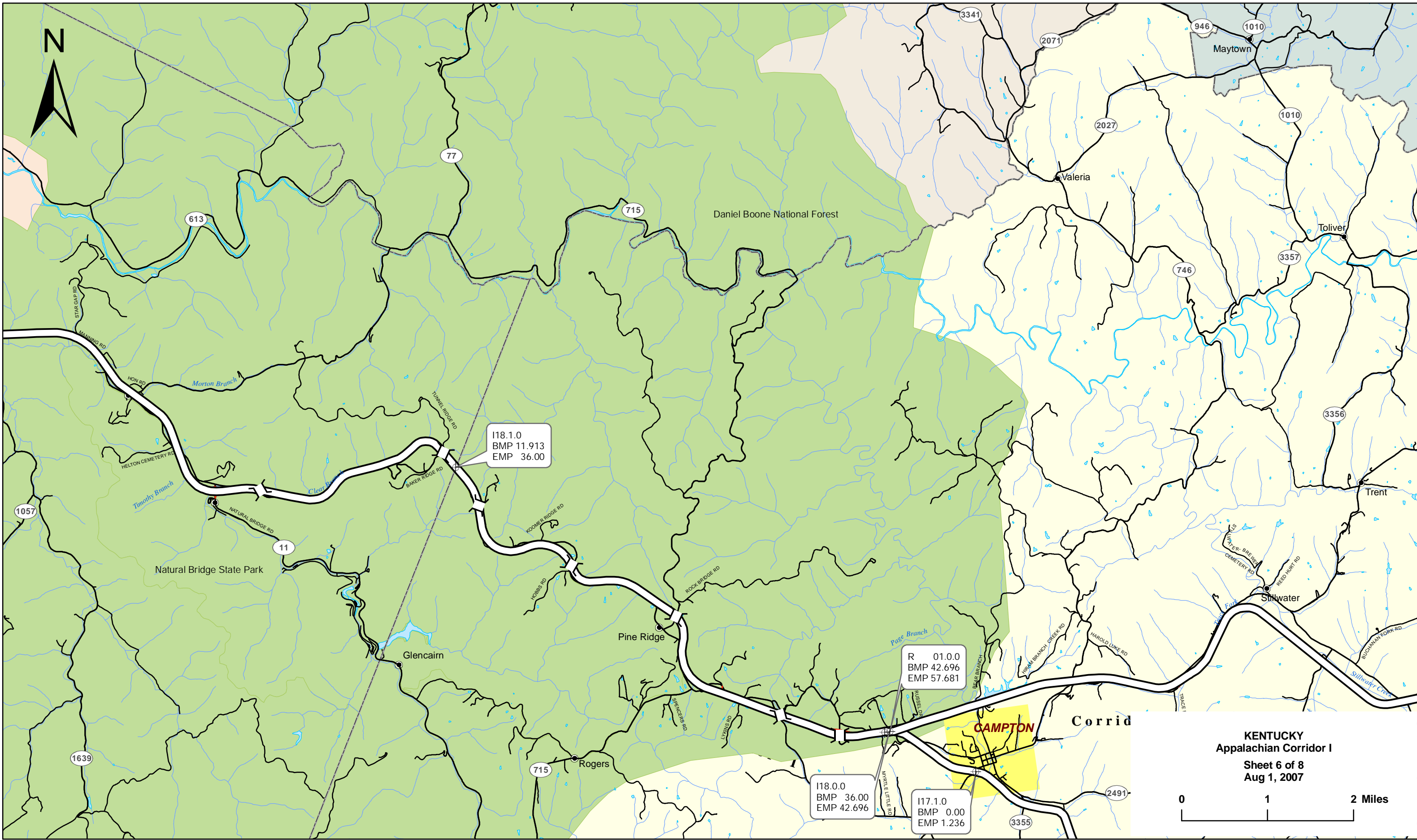
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BMP 0.00  
EMP 9.515

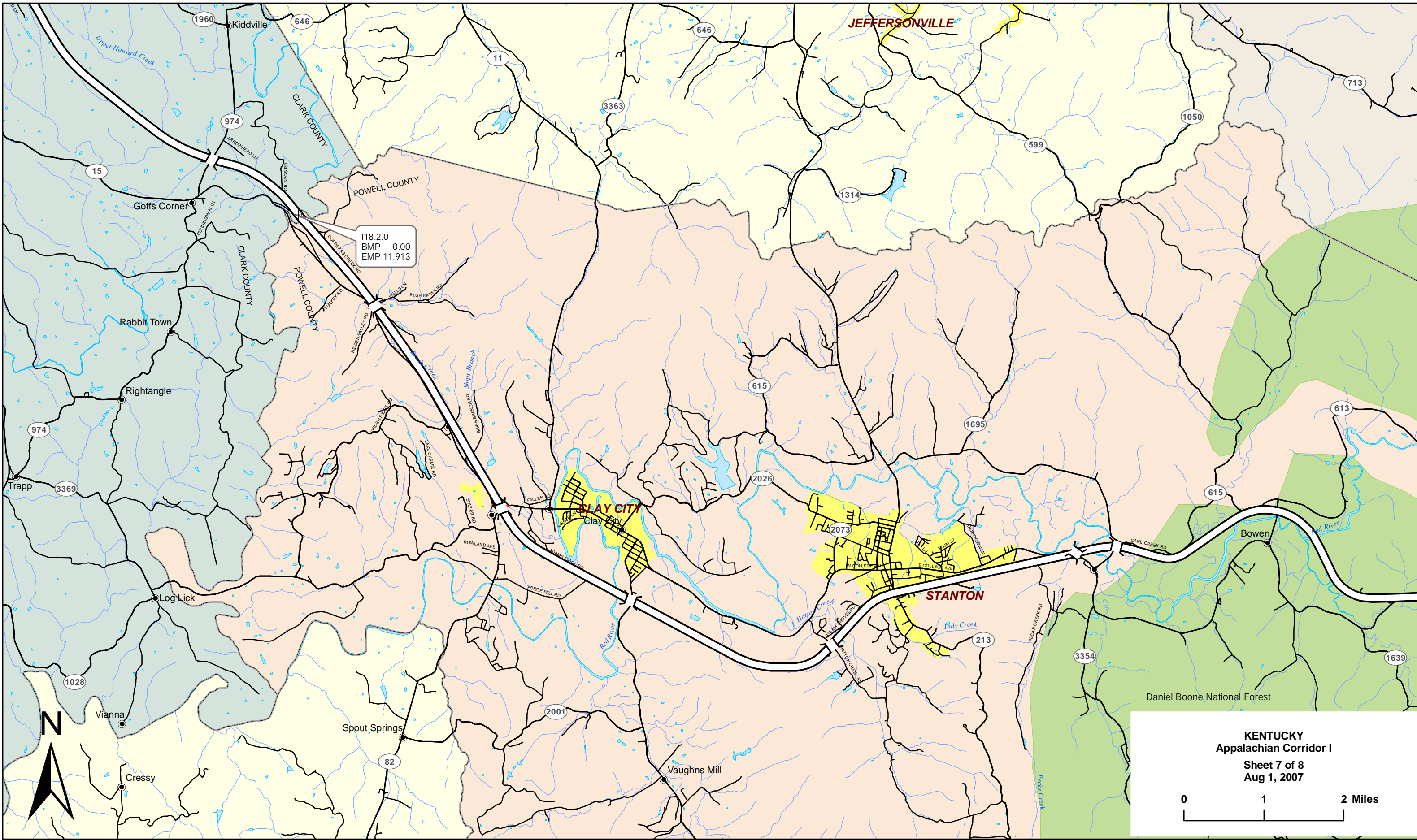
**KENTUCKY**  
Appalachian Corridor I  
Sheet 5 of 8  
Aug 1, 2007

0 1 2 Miles

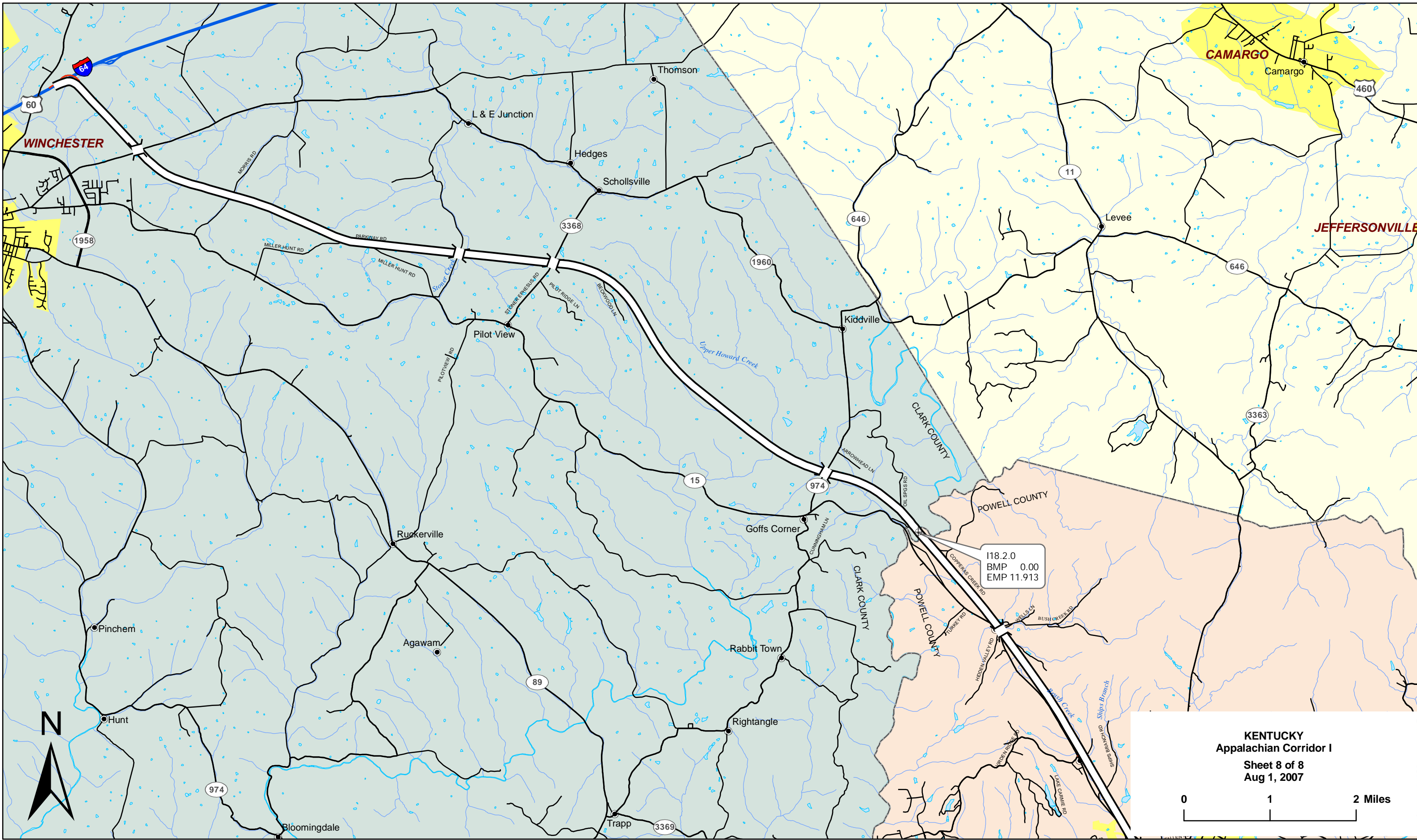
JACKSON











**CAMARGO**  
Camargo

**WINCHESTER**

**JEFFERSONVILLE**

CLARK COUNTY  
POWELL COUNTY

118.2.0  
BMP 0.00  
EMP 11.913

**KENTUCKY**  
Appalachian Corridor I  
Sheet 8 of 8  
Aug 1, 2007

0 1 2 Miles

N















**2007 Appalachian Development Highway System Cost Estimate**  
 Table B - Design Classification and Cost Estimate by Estimate Sections with Corridor Totals

State: KY

ADHS Corridor: J

<b>Section ID</b>	<b>J 23.2.0</b>
<b>LRS Milepoint: Beginning/Ending</b>	<b>9.030/10.500</b>
<b>Status</b>	<b>Completed</b>
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 (2005)	15,200
---- b. ADT-Year 2015	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 Separations	0
20. Highway Grade Separations 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
<b>27. Subtotal(lines 17 thru 26)</b>	<b>0</b>
28. Construction Engineering(8.00000000% of line 27)	0
29. Total Cost of Construction(lines 27 & 28)	0
<b>30. Total Estimated Cost(lines 14, 15, 16, 29 &amp; 5% Contingency)</b>	<b>0</b>

**2007 Appalachian Development Highway System Cost Estimate**  
 Table B - Design Classification and Cost Estimate by Estimate Sections with Corridor Totals

State: KY

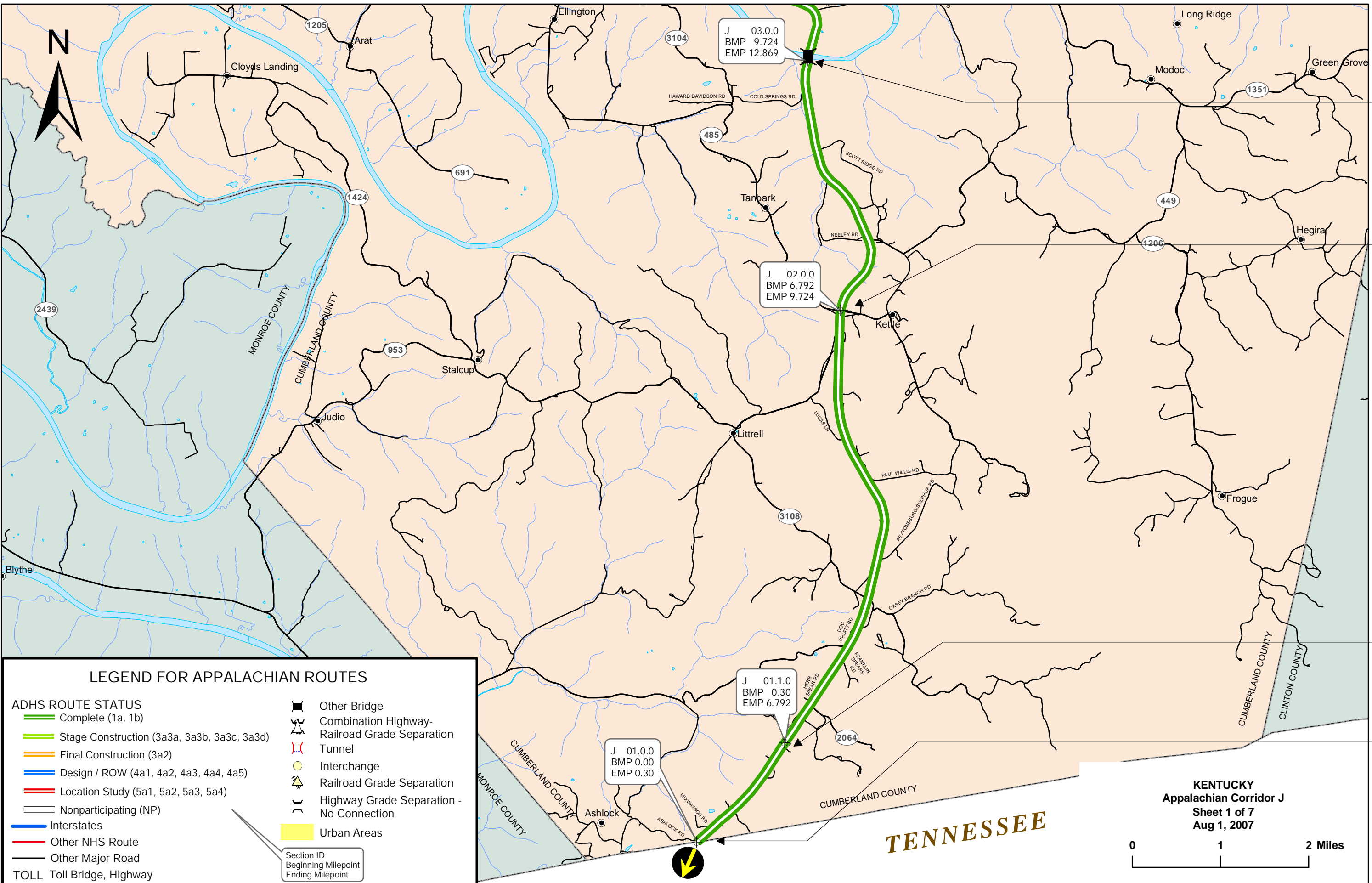
ADHS Corridor: J

Section ID	Corridor Total	Rural Subtotal	Urban Subtotal
<b>LRS Milepoint</b> 1. Finance Code 2. Section Length(Miles) 3. Class/Urban Code 4. Location: ---- a. FIPS State/County/Congressional ---- b. HPMS Route/Subroute ---- c. HPMS Signed Route/Strip Map # 5. Estimate Section/NHS Designation 6. Design Speed(mph) 7. Traffic: ---- a. ADT-Base Year (2005) ---- b. ADT-Year 2015 ---- c. Design Year ---- d. ADT-Design Year ---- e. DHV-Design Year ---- f. % Truck Design Year(DHV) ---- g. % Truck Design Year(ADT) ---- h. Directional Distribution Factor 8. Number of Lanes to be Constructed this Estimate 9. Ultimate Number of Through Traffic Lanes 10. Typical X-Section of Reference/Access Control 11. Right-of-Way Width(ft), prevailing 12. Median Width(ft), prevailing 13. Status of Development(Figure 4)	102.70	96.20	6.50

**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 Separations	0	0	0
20. Highway Grade Separations 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
<b>27. Subtotal(lines 17 thru 26)</b>	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
<b>30. Total Estimated Cost(lines 14, 15, 16, 29 &amp; 5% Contingency)</b>	0	0	0





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 61 (34) C 70  
APD 199 (29) C 73  
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, 2007

0 1 2 Miles

**TENNESSEE**

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

APD 199 (18) R 70 APD 199 (26) C 72

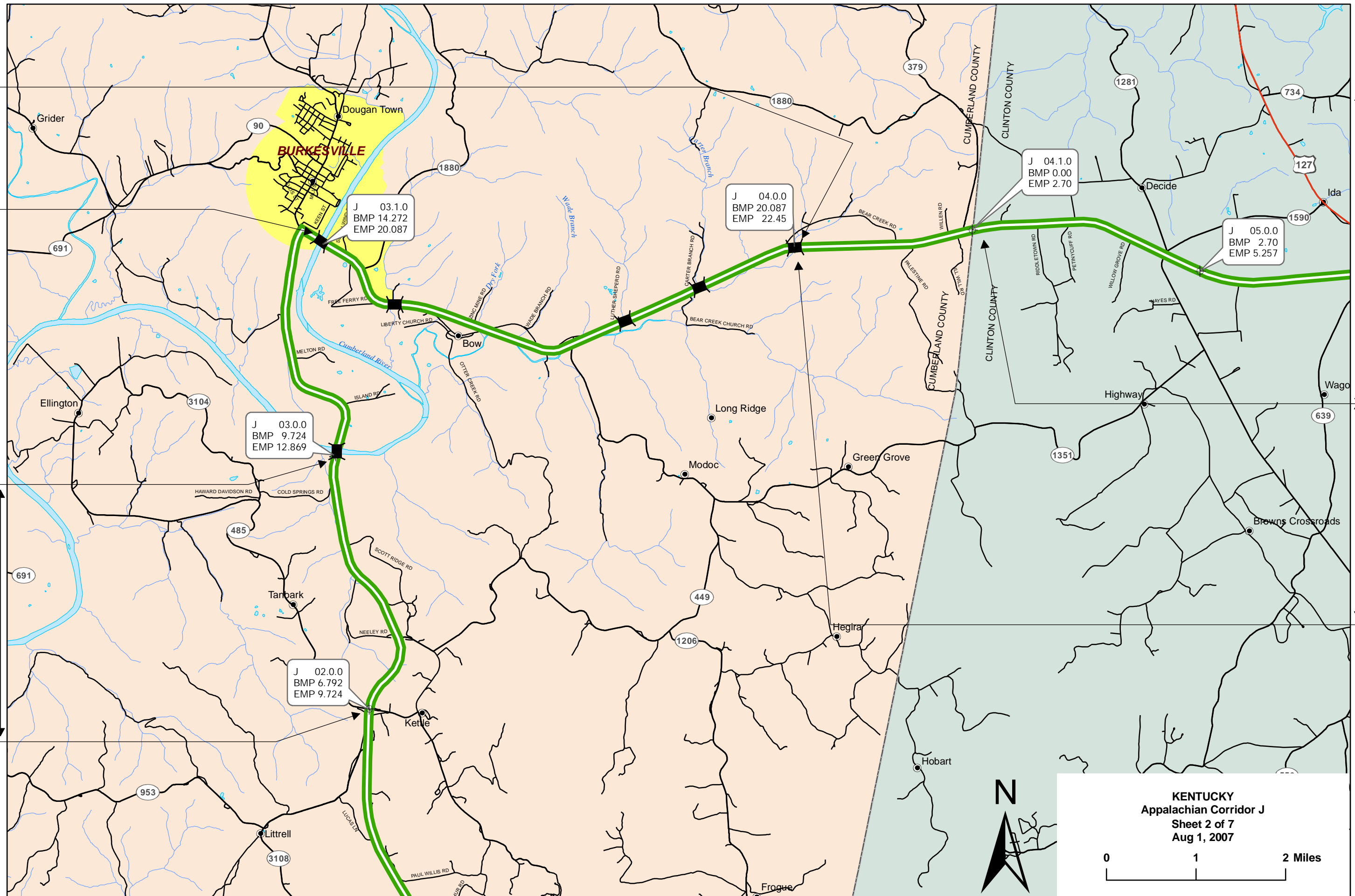
APD 199 (13) E 67

APD 199 (20) E.R.C. UTIL.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

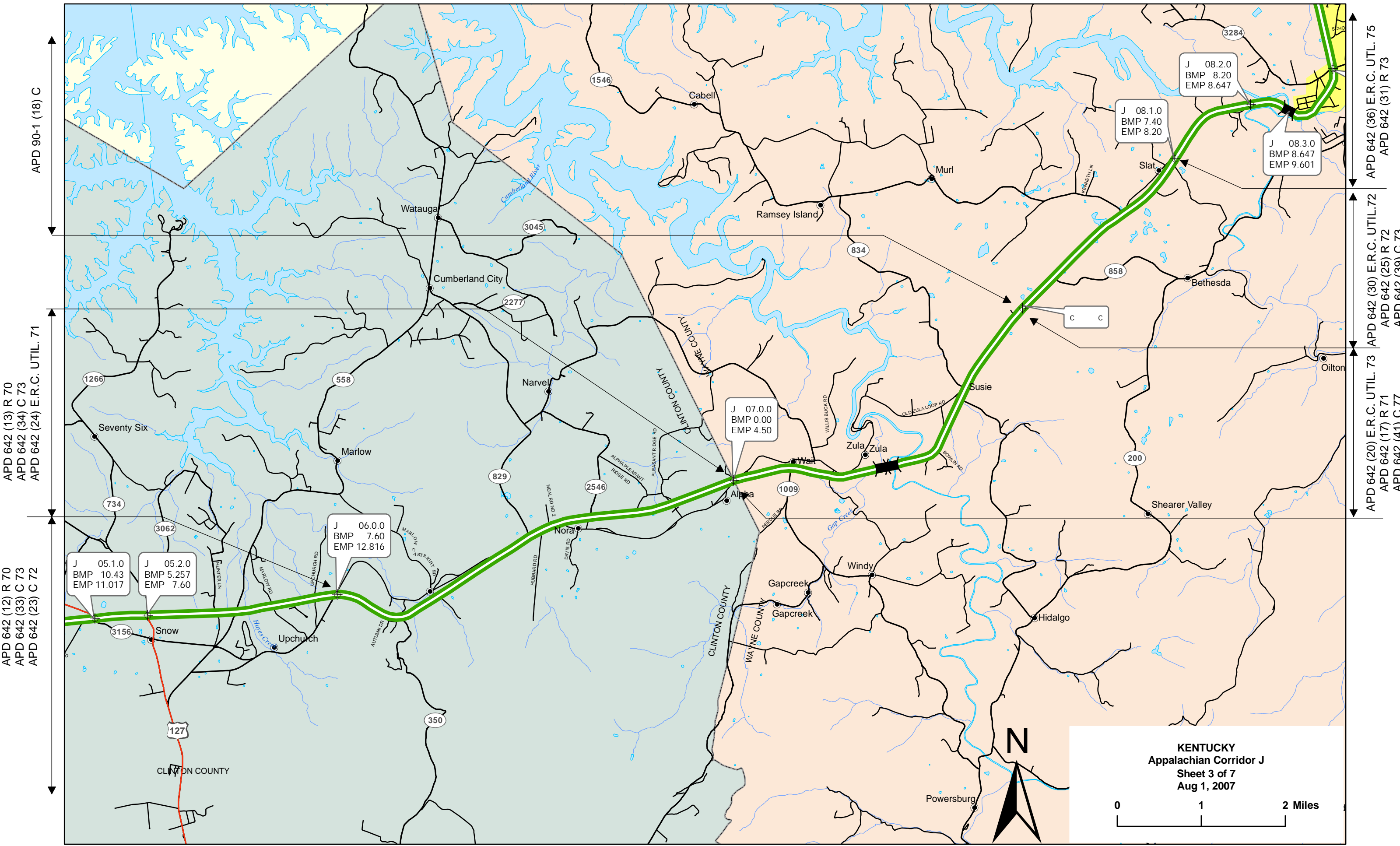
APD 199 (16) R 70  
 APD 199 (28) C 73  
 APD 199 (24) E.R.C. UTIL. 73



**KENTUCKY**  
**Appalachian Corridor J**  
 Sheet 2 of 7  
 Aug 1, 2007

0 1 2 Miles





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 90-1 (18) C

APD 642 (36) E.R.C. UTIL. 75  
 APD 642 (31) R 73

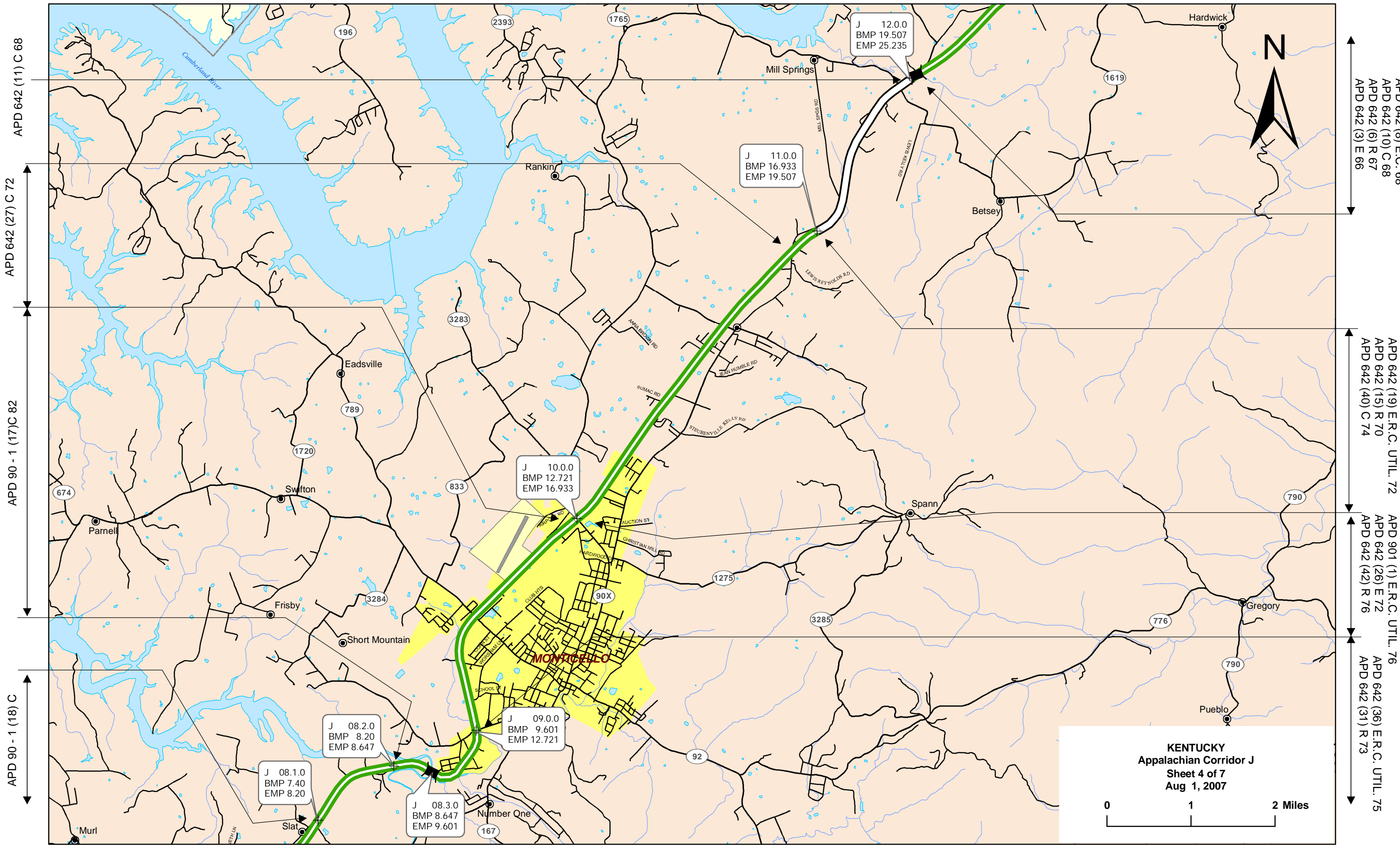
APD 642 (30) E.R.C. UTIL. 72  
 APD 642 (25) R 72  
 APD 642 (39) C 73

APD 642 (20) E.R.C. UTIL. 73  
 APD 642 (17) R 71  
 APD 642 (41) C 77



**KENTUCKY**  
**Appalachian Corridor J**  
**Sheet 3 of 7**  
**Aug 1, 2007**

0 1 2 Miles



APD 642 (11) C 68  
 APD 642 (27) C 72  
 APD 90 - 1 (17) C 82  
 APD 90 - 1 (18) C

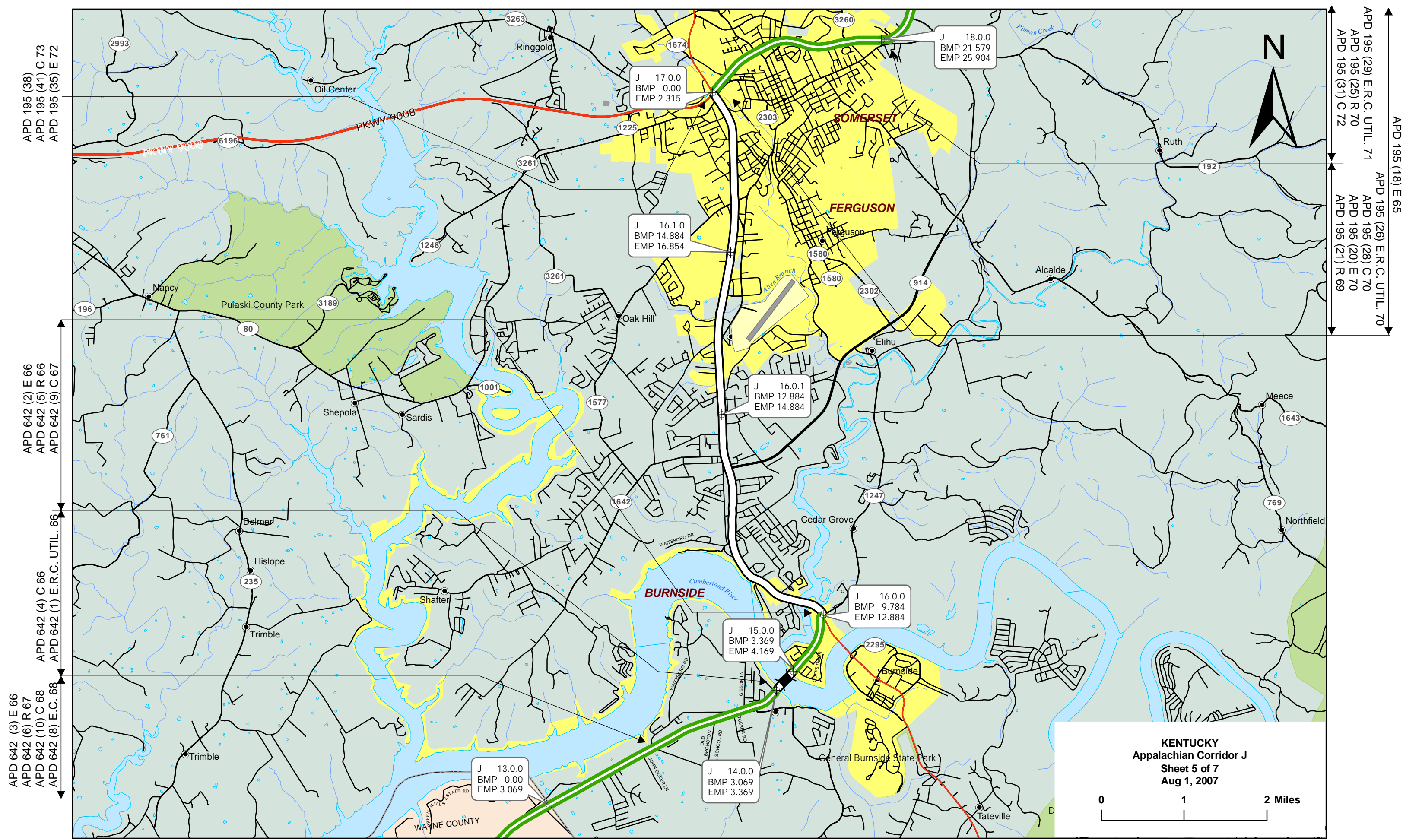
APD 642 (8) E.C. 68  
 APD 642 (10) C 68  
 APD 642 (6) R 67  
 APD 642 (3) E 66  
 APD 642 (19) E.R.C. UTIL. 72  
 APD 642 (15) R 70  
 APD 642 (40) C 74  
 APD 901 (1) E.R.C. UTIL. 76  
 APD 642 (26) E 72  
 APD 642 (42) R 76  
 APD 642 (36) E.R.C. UTIL. 75  
 APD 642 (31) R 73



**KENTUCKY**  
**Appalachian Corridor J**  
 Sheet 4 of 7  
 Aug 1, 2007

0      1      2 Miles





APD 195 (38)  
 APD 195 (41) C 73  
 APD 195 (35) E 72

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

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

J 13.00  
 BMP 0.00  
 EMP 3.069

J 17.00  
 BMP 0.00  
 EMP 2.315

J 16.10  
 BMP 14.884  
 EMP 16.854

J 15.00  
 BMP 3.369  
 EMP 4.169

J 14.00  
 BMP 3.069  
 EMP 3.369

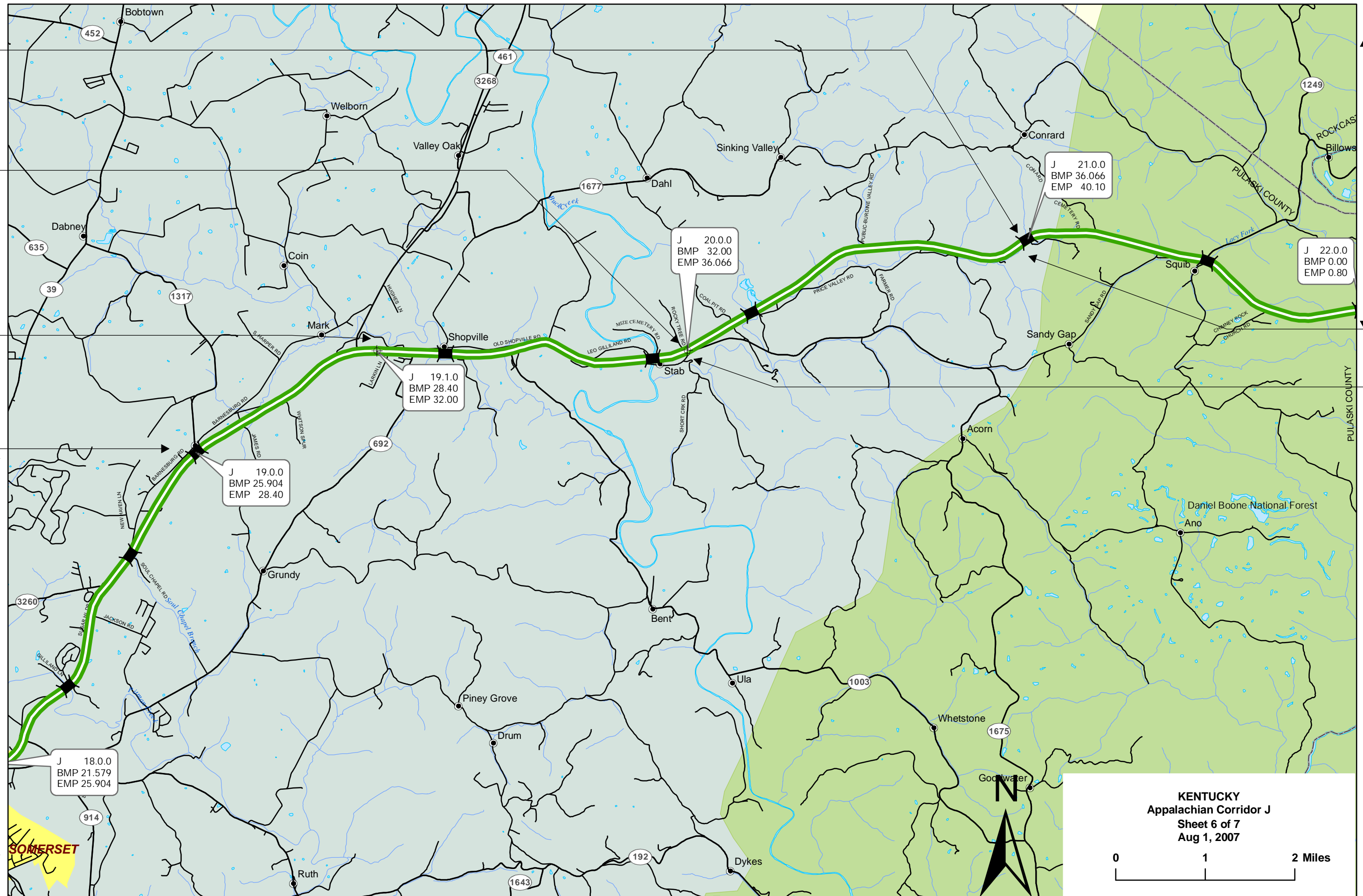
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 EMP 14.884

J 16.00  
 BMP 9.784  
 EMP 12.884

J 18.00  
 BMP 21.579  
 EMP 25.904

**KENTUCKY**  
**Appalachian Corridor J**  
 Sheet 5 of 7  
 Aug 1, 2007

APD 195 (29) E.R.C. UTIL. 71  
APD 195 (18) E 65  
APD 195 (31) C 72  
APD 195 (25) R 70  
APD 195 (32) C 72  
APD 195 (34) E.R.C. UTIL. 73  
APD 195 (33) R 72  
APD 195 (43) C 76  
APD 195 (44) C 76  
APD 195 (39) R 73  
APD 195 (36) E.R.C. UTIL. 73



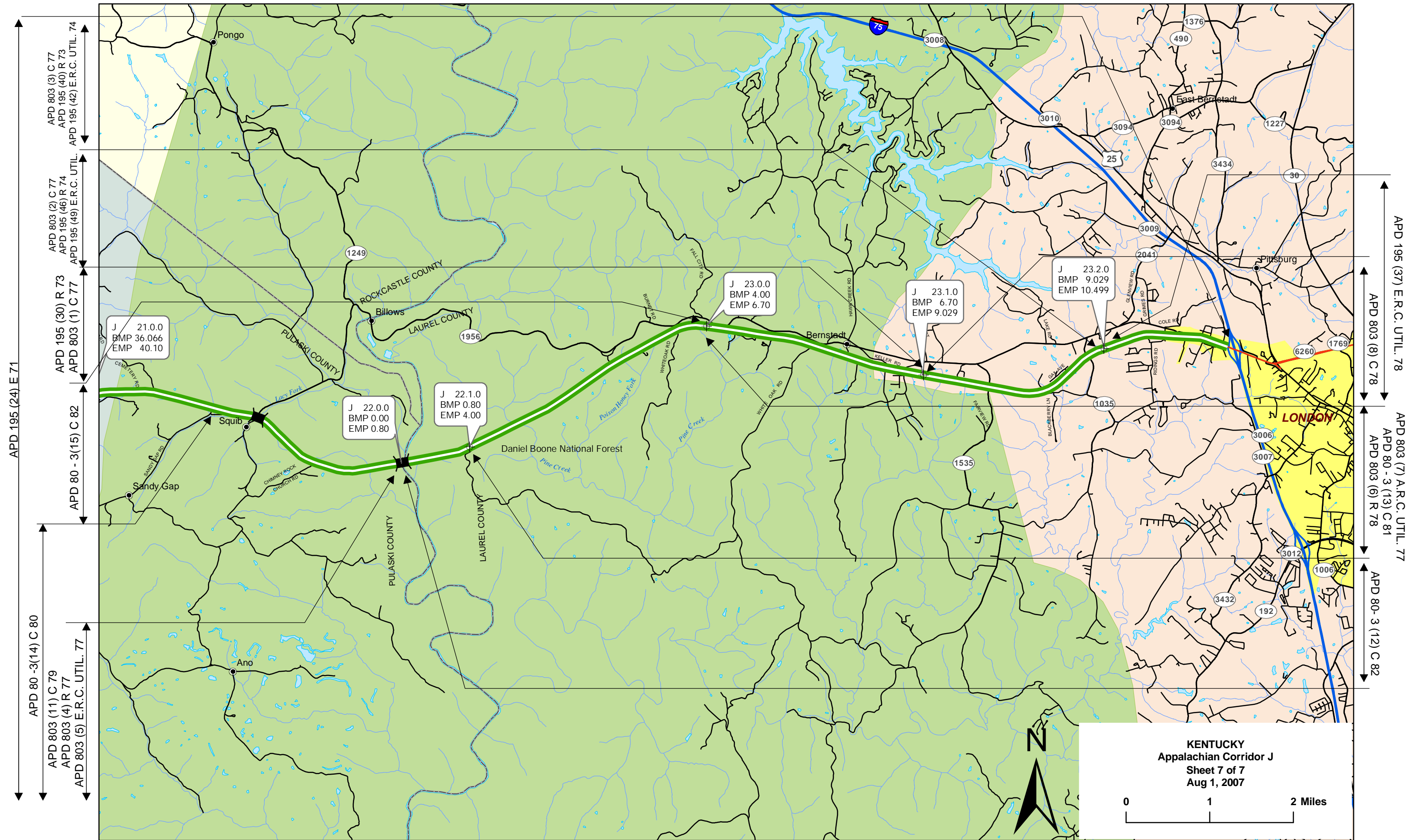
APD 803 (5) E.R.C. UTIL. 77  
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APD 803 (31) R 77  
APD 80 - 3 (14) C 80

SOMERSET

**KENTUCKY**  
Appalachian Corridor J  
Sheet 6 of 7  
Aug 1, 2007

0 1 2 Miles





**2007 Appalachian Development 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	5.200/6.360	6.360/6.900	6.900/7.400
Status	Stage Construction	Stage Construction	Stage Construction	Stage Construction	Stage Construction	Design/RoW
1. Finance Code	21	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 (2005)	8,200	8,200	7,900	7,900	7,900	7,900
---- b. ADT-Year 2015	9,800	9,800	9,400	9,400	9,400	9,400
---- c. Design Year	2,025	2,025	2,025	2,025	2,025	2,025
---- d. ADT-Design Year	11,700	11,700	11,300	11,300	11,300	11,300
---- 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)	3a3d	3a3d	3a3d	3a3d	3a3d	4a2

**Estimated Cost(\$1,000) per Work Classification**

14. Preliminary Engineering:						
---- a. Location	0	0	0	0	0	0
---- b. Design	1,000	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	15,700	0	0	0	0	19,800
18. Subbase, Base, Surfacing, Shoulders	8,926	2,057	6,454	3,872	1,613	2,012
19. Railroad Grade Separations	0	0	0	0	0	0
20. Highway Grade Separations without Ramps	0	0	0	0	0	9,320
21. Interchanges	2,352	0	0	0	0	1,520
22. Other Bridges, Tunnels, and Walls	0	0	0	0	0	1,334
23. Traffic Control	571	0	48	29	12	60
24. Environmental Mitigation	1,900	0	0	0	0	1,900
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	1,593	612	448	269	112	1,756
<b>27. Subtotal(lines 17 thru 26)</b>	<b>31,042</b>	<b>2,669</b>	<b>6,950</b>	<b>4,170</b>	<b>1,737</b>	<b>37,702</b>
28. Construction Engineering(15.00000000% of line 27)	4,656	400	1,042	626	261	5,655
29. Total Cost of Construction(lines 27 & 28)	35,698	3,069	7,992	4,796	1,998	43,357
<b>30. Total Estimated Cost(lines 14, 15, 16, 29 &amp; 5% Contingency)</b>	<b>38,533</b>	<b>3,223</b>	<b>8,392</b>	<b>5,035</b>	<b>2,097</b>	<b>45,525</b>

**2007 Appalachian Development 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
<b>LRS Milepoint: Beginning/Ending</b>	<b>7.400/9.000</b>	<b>9.000/11.600</b>	<b>11.600/13.200</b>	<b>13.200/16.500</b>
<b>Status</b>	<b>Design/RoW</b>	<b>Design/RoW</b>	<b>Stage Construction</b>	<b>Design/RoW</b>
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	1/NHS	1/NHS
6. Design Speed(mph)	60	60	60	60
7. Traffic:				
---- a. ADT-Base Year (2005)	7,800	7,800	5,200	5,000
---- b. ADT-Year 2015	9,300	9,300	5,200	5,000
---- c. Design Year	2,025	2,025	2,025	2,025
---- d. ADT-Design Year	11,100	11,100	7,000	6,600
---- 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)	4a2	4a2	3a3d	4a2

**Estimated Cost(\$1,000) per Work Classification**

14. Preliminary Engineering:				
---- a. Location	0	0	0	0
---- b. Design	500	3,500	0	500
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	31,808	60,401	44,992	51,243
18. Subbase, Base, Surfacing, Shoulders	3,957	6,431	10,907	6,324
19. Railroad Grade Separations	0	0	0	0
20. Highway Grade Separations without Ramps	12,000	39,111	7,750	0
21. Interchanges	0	0	1,600	0
22. Other Bridges, Tunnels, and Walls	0	0	300	0
23. Traffic Control	1,390	20	277	355
24. Environmental Mitigation	5,000	5,000	6,300	3,080
25. Roadside Improvements:				
---- a. Landscape Planting	0	0	0	0
---- b. Rest Area, Overlooks	0	0	0	0
26. All Other Items	2,267	354	1,089	1,029
<b>27. Subtotal(lines 17 thru 26)</b>	<b>56,422</b>	<b>111,317</b>	<b>73,215</b>	<b>62,031</b>
28. Construction Engineering(15.00000000% of line 27)	8,463	16,698	10,982	9,305
29. Total Cost of Construction(lines 27 & 28)	64,885	128,015	84,197	71,336
<b>30. Total Estimated Cost(lines 14, 15, 16, 29 &amp; 5% Contingency)</b>	<b>68,655</b>	<b>138,090</b>	<b>88,407</b>	<b>75,427</b>

**2007 Appalachian Development Highway System Cost Estimate**  
 Table B - Design Classification and Cost Estimate by Estimate Sections with Corridor Totals

State: KY

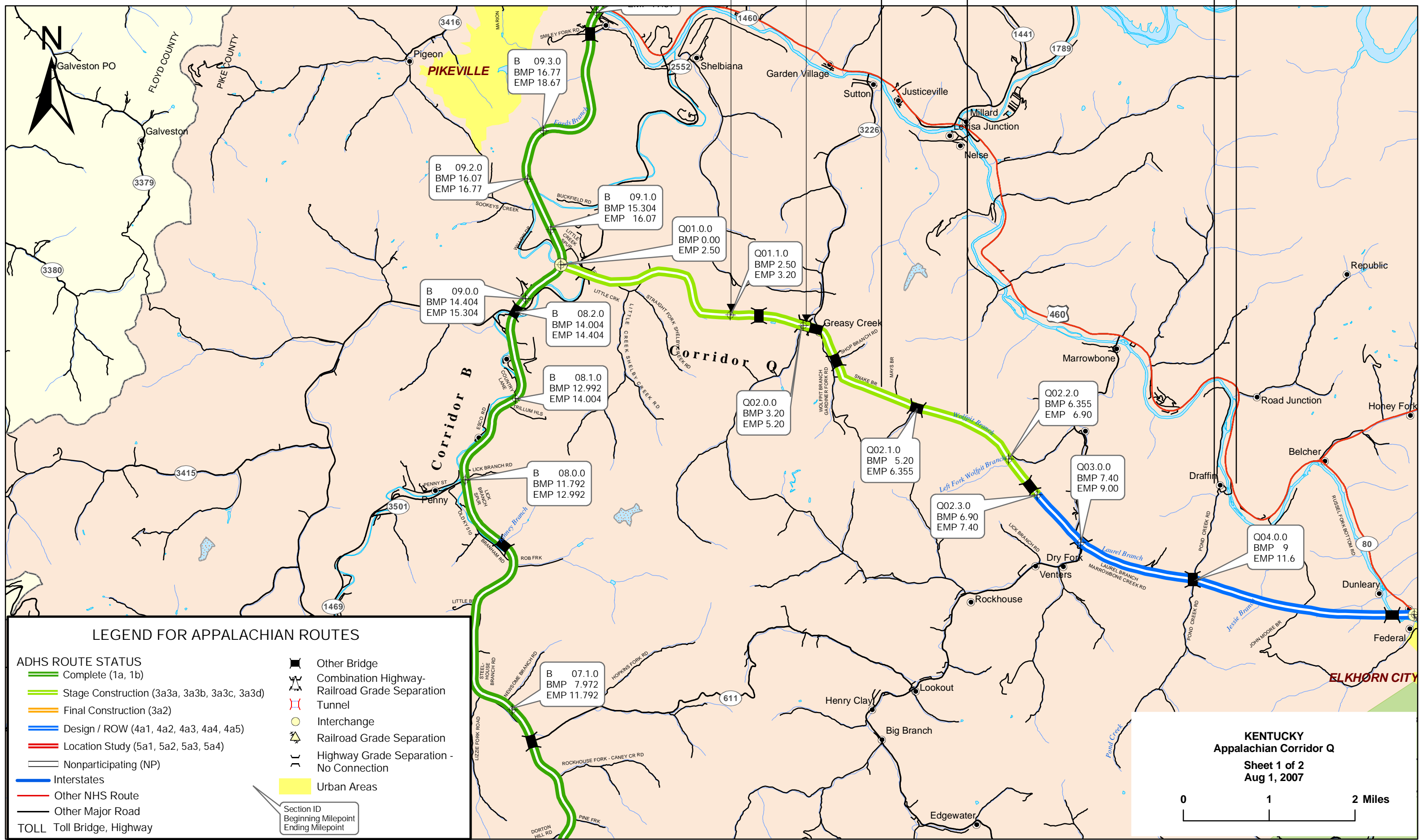
ADHS Corridor: Q

Section ID	Corridor Total	Rural Subtotal	Urban Subtotal
<b>LRS Milepoint</b>			
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 (2005)			
---- b. ADT-Year 2015			
---- c. Design Year			
---- d. ADT-Design Year			
---- e. DHV-Design Year			
---- f. % Truck Design Year(DHV)			
---- g. % Truck Design Year(ADT)			
---- h. Directional Distribution Factor			
8. Number of Lanes to be Constructed this Estimate			
9. Ultimate Number of Through Traffic Lanes			
10. Typical X-Section of Reference/Access Control			
11. Right-of-Way Width(ft), prevailing			
12. Median Width(ft), prevailing			
13. Status of Development(Figure 4)			

**Estimated Cost(\$1,000) per Work Classification**

14. Preliminary Engineering:			
---- a. Location	0	0	0
---- b. Design	5,500	5,500	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	223,944	223,944	0
18. Subbase, Base, Surfacing, Shoulders	52,553	52,553	0
19. Railroad Grade Separations	0	0	0
20. Highway Grade Separations without Ramps	68,181	68,181	0
21. Interchanges	5,472	5,472	0
22. Other Bridges, Tunnels, and Walls	1,634	1,634	0
23. Traffic Control	2,762	2,762	0
24. Environmental Mitigation	23,180	23,180	0
25. Roadside Improvements:			
---- a. Landscape Planting	0	0	0
---- b. Rest Area, Overlooks	0	0	0
26. All Other Items	9,529	9,529	0
<b>27. Subtotal(lines 17 thru 26)</b>	<b>387,255</b>	<b>387,255</b>	<b>0</b>
28. Construction Engineering(15.00000000% of line 27)	58,088	58,088	0
29. Total Cost of Construction(lines 27 & 28)	445,343	445,343	0
<b>30. Total Estimated Cost(lines 14, 15, 16, 29 &amp; 5% Contingency)</b>	<b>473,385</b>	<b>473,385</b>	<b>0</b>





### LEGEND FOR APPALACHIAN ROUTES

<b>ADHS ROUTE STATUS</b>		Other Bridge Combination Highway-Railroad Grade Separation Tunnel Interchange Railroad Grade Separation Highway Grade Separation - No Connection Urban Areas
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	Section ID Beginning Milepoint Ending Milepoint
<b>TOLL</b> Toll Bridge, Highway		

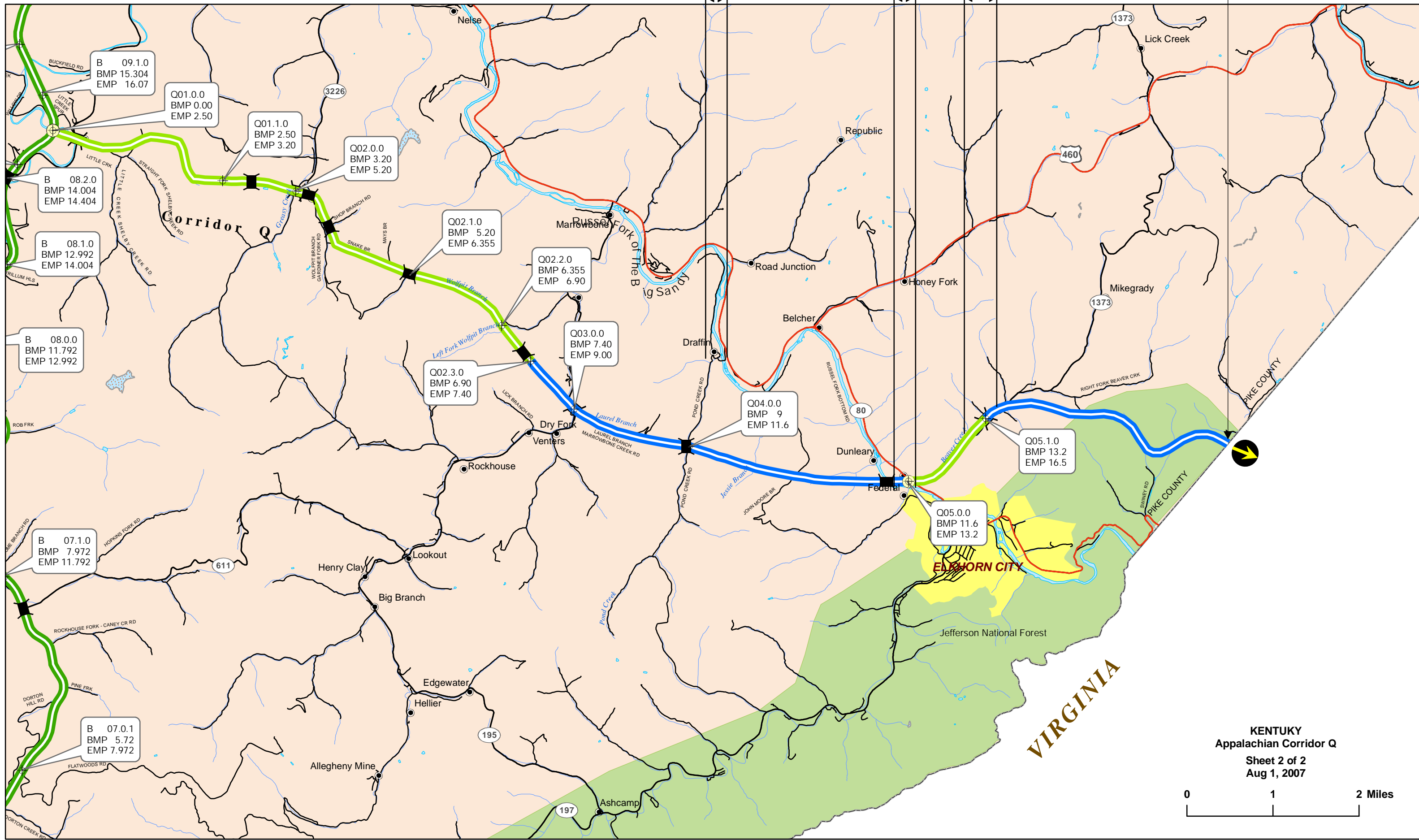
**KENTUCKY**  
**Appalachian Corridor Q**  
**Sheet 1 of 2**  
**Aug 1, 2007**



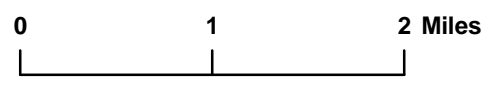
APD 80 - 6(24) D06

APD 0806 (19) C 03

APD 0806 (21) C 04



**KENTUCKY**  
**Appalachian Corridor Q**  
 Sheet 2 of 2  
 Aug 1, 2007





**2007 Appalachian Development Highway System Cost Estimate**  
 Table B - Design Classification and Cost Estimate by Estimate Sections with Corridor Totals

State: KY

ADHS Corridor: R

<b>Section ID</b>	<b>R 02.3.0</b>
<b>LRS Milepoint: Beginning/Ending</b>	<b>0.000/11.290</b>
<b>Status</b>	<b>NP</b>
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 (2005)	16,100
---- b. ADT-Year 2015	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 Separations	0
20. Highway Grade Separations 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
<b>27. Subtotal(lines 17 thru 26)</b>	<b>0</b>
28. Construction Engineering(8.00000000% of line 27)	0
29. Total Cost of Construction(lines 27 & 28)	0
<b>30. Total Estimated Cost(lines 14, 15, 16, 29 &amp; 5% Contingency)</b>	<b>0</b>

**2007 Appalachian Development Highway System Cost Estimate**  
 Table B - Design Classification and Cost Estimate by Estimate Sections with Corridor Totals

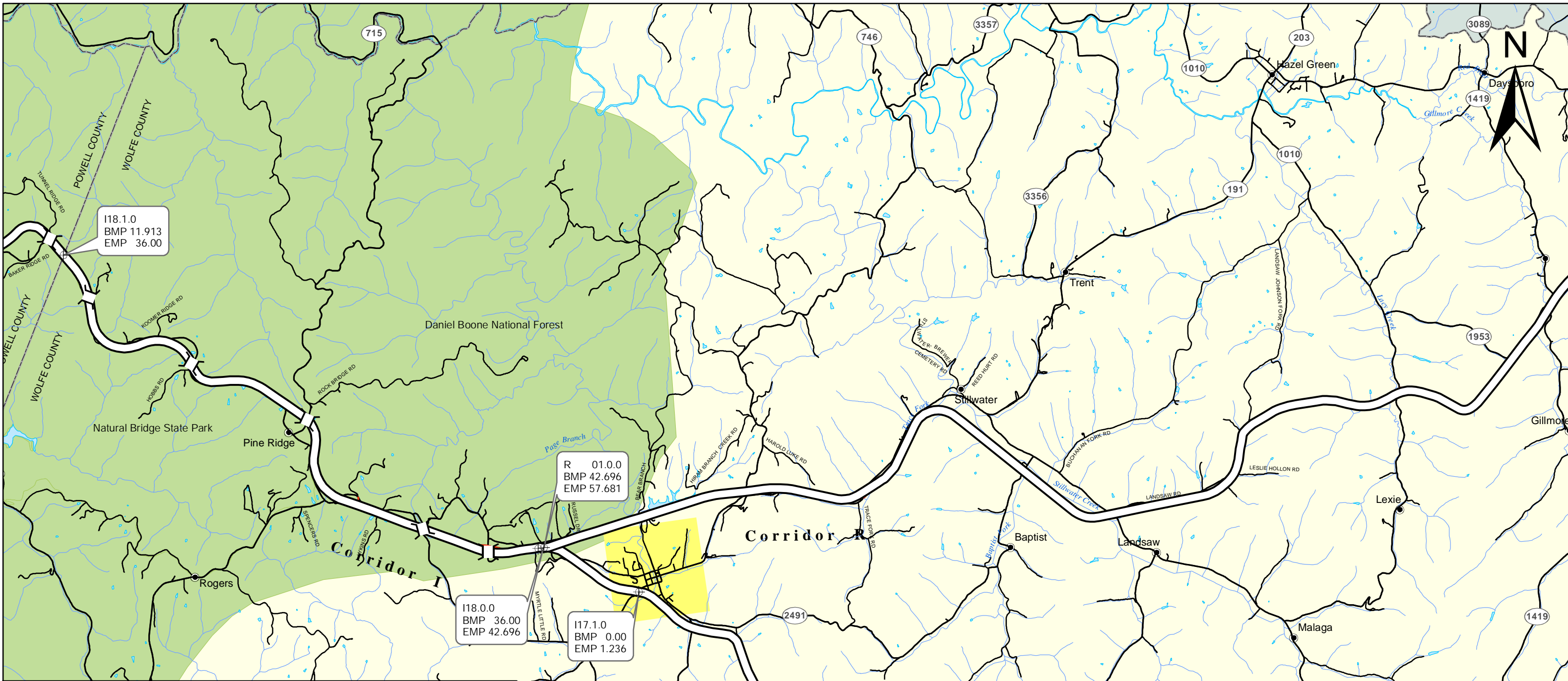
State: KY

ADHS Corridor: R

Section ID	Corridor Total	Rural Subtotal	Urban Subtotal
<b>LRS Milepoint</b>			
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 (2005)			
---- b. ADT-Year 2015			
---- c. Design Year			
---- d. ADT-Design Year			
---- e. DHV-Design Year			
---- f. % Truck Design Year(DHV)			
---- g. % Truck Design Year(ADT)			
---- h. Directional Distribution Factor			
8. Number of Lanes to be Constructed this Estimate			
9. Ultimate Number of Through Traffic Lanes			
10. Typical X-Section of Reference/Access Control			
11. Right-of-Way Width(ft), prevailing			
12. Median Width(ft), prevailing			
13. Status of Development(Figure 4)			

**Estimated Cost(\$1,000) per Work Classification**

14. Preliminary Engineering:			
---- a. Location	0	0	0
---- b. Design	0	0	0
15. Right-of-Way:			
---- a. Acquisition	0	0	0
---- b. Relocation	0	0	0
16. Utility Adjustments	0	0	0
17. Erosion Control/Clear/Grade/Drain/Minor Structure	0	0	0
18. Subbase, Base, Surfacing, Shoulders	0	0	0
19. Railroad Grade Separations	0	0	0
20. Highway Grade Separations 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
<b>27. Subtotal(lines 17 thru 26)</b>	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
<b>30. Total Estimated Cost(lines 14, 15, 16, 29 &amp; 5% Contingency)</b>	0	0	0



**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

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

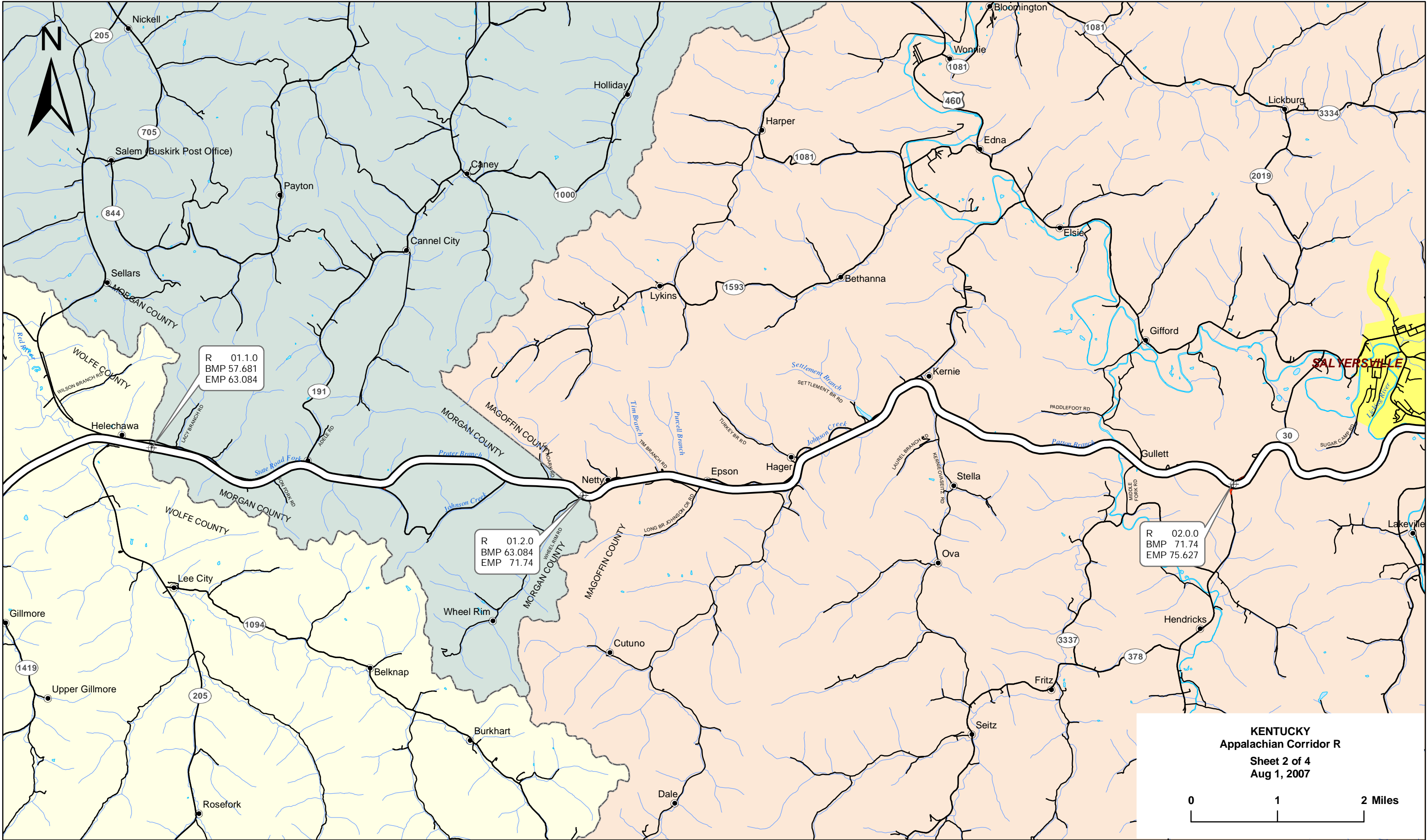
Section ID  
Beginning Milepoint  
Ending Milepoint

**TOLL** Toll Bridge, Highway

**KENTUCKY**  
**Appalachian Corridor R**  
Sheet 1 of 4  
Aug 1, 2007

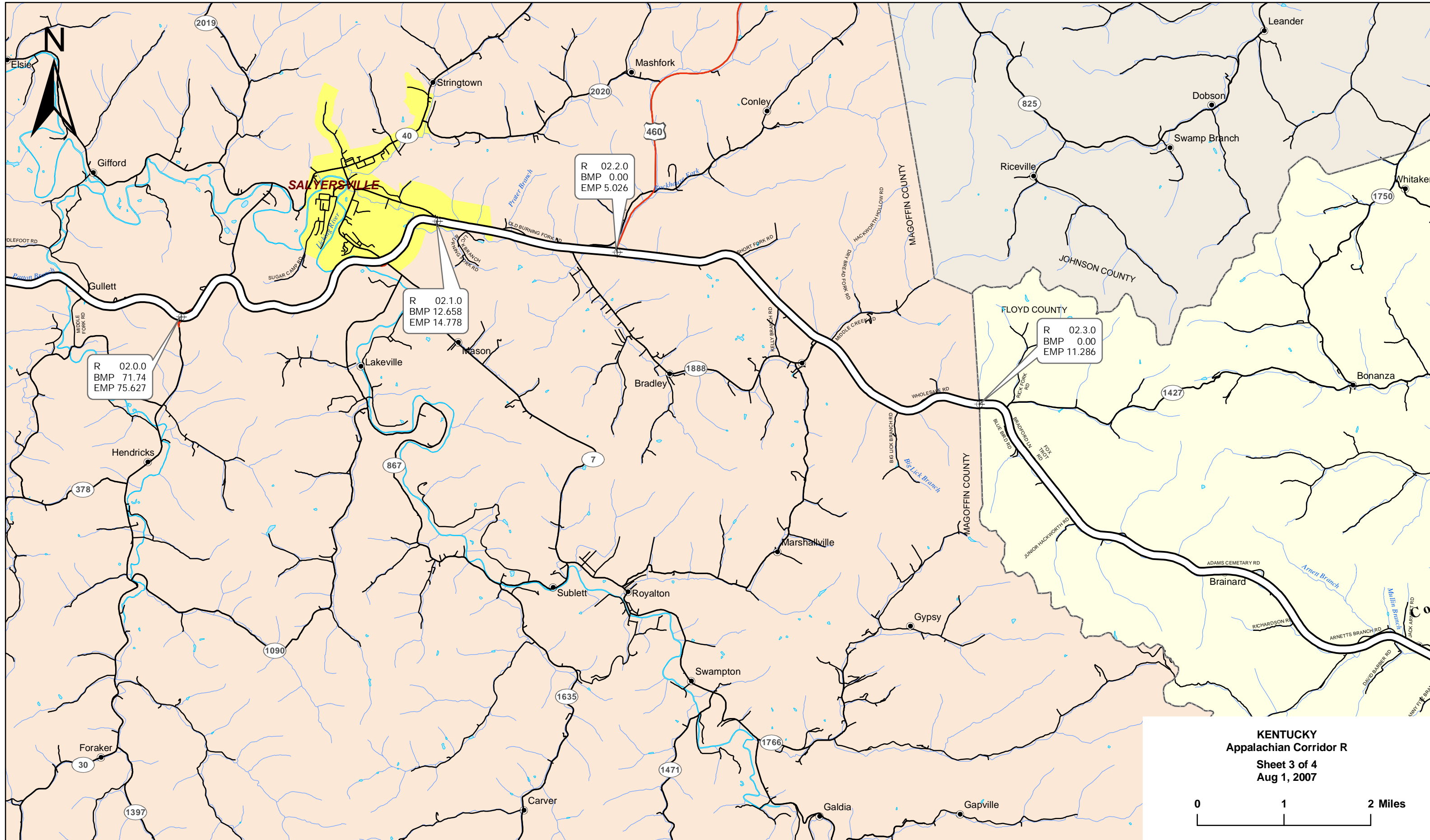






KENTUCKY  
Appalachian Corridor R  
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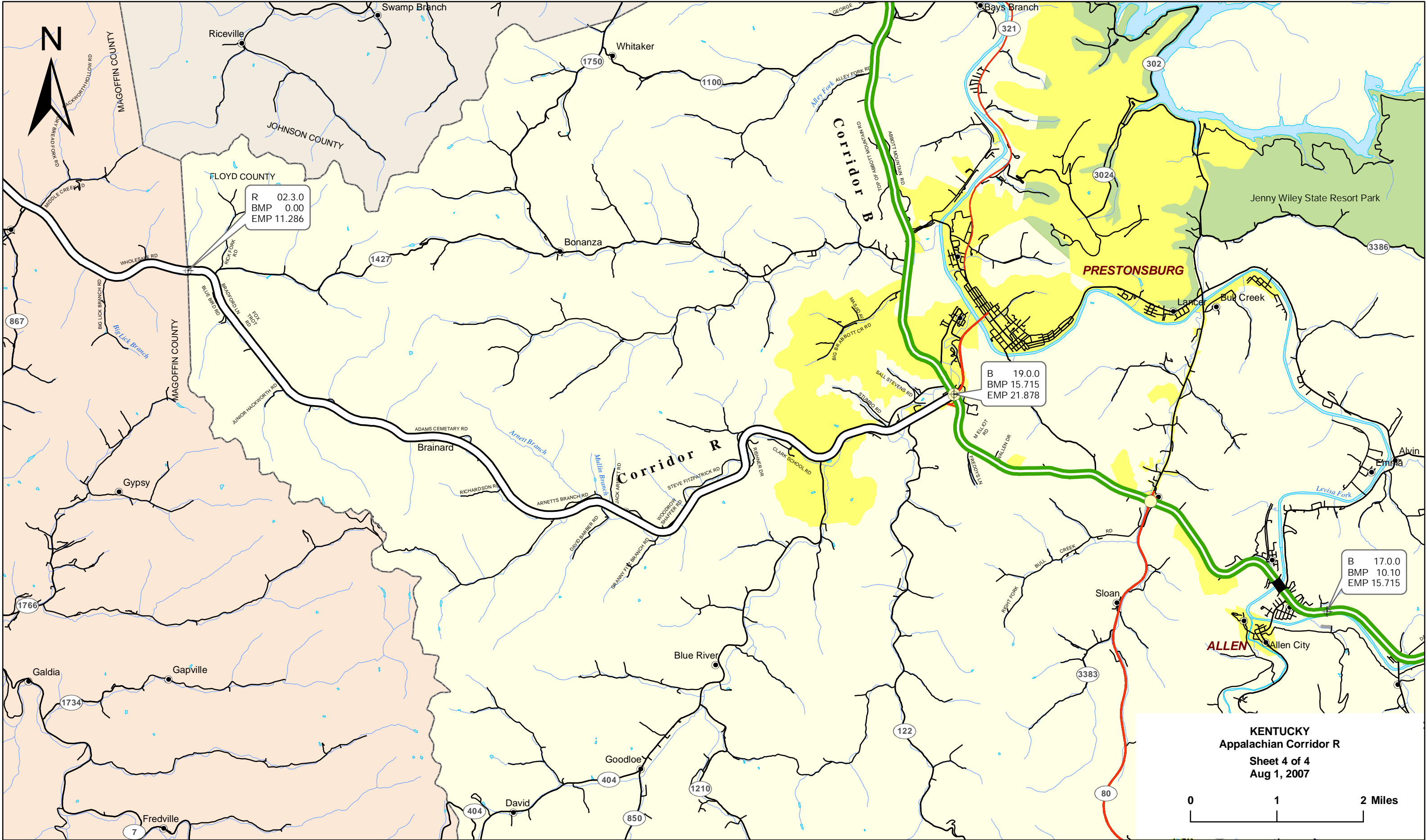




**KENTUCKY**  
**Appalachian Corridor R**  
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R 02.3.0  
 BMP 0.00  
 EMP 11.286

B 19.0.0  
 BMP 15.715  
 EMP 21.878

B 17.0.0  
 BMP 10.10  
 EMP 15.715

**KENTUCKY**  
**Appalachian Corridor R**  
 Sheet 4 of 4  
 Aug 1, 2007



**2007 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	
	Rural	Urban	Rural	Urban	Rural	Urban
Class: Rural or 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
	b. Design	0	0	0	0	6,000
15. Right-of-Way:	a. Acquisition	0	0	0	0	9,420
	b. Relocation	0	0	0	0	1,232
16. Utility Adjustments		0	0	0	0	5,725
17. Ersn Ctrl/Clear/Grade/Drain/Minor Structure		0	0	0	0	86,667
18. Subbase, Base, Surfacing, Shoulders		0	0	0	0	11,121
19. Railroad Grade Separations		0	0	0	0	0
20. Highway Grade Separation without Ramps		0	0	0	0	0
21. Interchanges		0	0	0	0	0
22. Other Bridges, Tunnels, and Walls		0	0	0	0	202,830
23. Traffic Control		0	0	0	0	1,938
24. Environmental Mitigation		0	0	0	0	3,000
25. Roadside Improvements:	a. Landscape Planting	0	0	0	0	0
	b. Rest Areas, Overlooks	0	0	0	0	0
26. All Other Items		0	0	0	0	13,710
27. Subtotal (Lines 17 through 26)		0	0	0	0	319,266
28. Construction E & C (15.00 % of line 27 and 28)		0	0	0	0	47,890
29. Total Cost of Construction (lines 27 and 28)		0	0	0	0	367,156
30. Total Estimated Cost (lines 14, 15, 16, & 29)		0	0	0	0	409,010
31. Total Cost (Rural + Urban)		0		0		409,010

**2007 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	
	Rural	Urban	Rural	Urban	Rural	Urban
Class: Rural or 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
	b. Design	0	0	0	0	0
15. Right-of-Way:	a. Acquisition	0	0	0	0	0
	b. Relocation	0	0	0	0	0
16. Utility Adjustments		0	0	0	0	0
17. Ersn Ctrl/Clear/Grade/Drain/Minor Structure		0	0	0	0	0
18. Subbase, Base, Surfacing, Shoulders		0	0	0	0	0
19. Railroad Grade Separations		0	0	0	0	0
20. Highway Grade Separation without Ramps		0	0	0	0	0
21. Interchanges		0	0	0	0	0
22. Other Bridges, Tunnels, and Walls		0	0	0	0	0
23. Traffic Control		0	0	0	0	0
24. Environmental Mitigation		0	0	0	0	0
25. Roadside Improvements:	a. Landscape Planting	0	0	0	0	0
	b. Rest Areas, Overlooks	0	0	0	0	0
26. All Other Items		0	0	0	0	0
27. Subtotal (Lines 17 through 26)		0	0	0	0	0
28. Construction E & C (15.00 % of line 27 and 28)		0	0	0	0	0
29. Total Cost of Construction (lines 27 and 28)		0	0	0	0	0
30. Total Estimated Cost (lines 14, 15, 16, & 29)		0	0	0	0	0
31. Total Cost (Rural + Urban)		0		0		0



**2007 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	
	Rural	Urban	Rural	Urban	Rural	Urban		
Class: Rural or Urban								
Length in miles	16.5	0.0	0.0	0.0	31.1	0.0		
Total Mileage (Rural + Urban)	16.5		0.0				31.1	
Work Classification		Estimated Costs (\$1,000)						
14. Preliminary Engineering:	a. Location	0	0	0	0	0	0	
	b. Design	5,500	0	0	0	11,500	11,500	
15. Right-of-Way:	a. Acquisition	0	0	0	0	9,420	9,420	
	b. Relocation	0	0	0	0	1,232	1,232	
16. Utility Adjustments		0	0	0	0	5,725	5,725	
17. Ersn Ctrl/Clear/Grade/Drain/Minor Structure		223,944	0	0	0	310,611	310,611	
18. Subbase, Base, Surfacing, Shoulders		52,553	0	0	0	63,674	63,674	
19. Railroad Grade Separations		0	0	0	0	0	0	
20. Highway Grade Separation without Ramps		68,181	0	0	0	68,181	68,181	
21. Interchanges		5,472	0	0	0	5,472	5,472	
22. Other Bridges, Tunnels, and Walls		1,634	0	0	0	204,464	204,464	
23. Traffic Control		2,762	0	0	0	4,700	4,700	
24. Environmental Mitigation		23,180	0	0	0	26,180	26,180	
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		9,529	0	0	0	23,239	23,239	
27. Subtotal (Lines 17 through 26)		387,255	0	0	0	706,521	706,521	
28. Construction E & C (15.00 % of line 27 and 28)		58,088	0	0	0	105,978	105,978	
29. Total Cost of Construction (lines 27 and 28)		445,343	0	0	0	812,499	812,499	
30. Total Estimated Cost (lines 14, 15, 16, & 29)		473,385	0	0	0	882,395		
31. Total Cost (Rural + Urban)		473,385		0				882,395

**TABLE D**

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

State/Commonwealth of Kentucky

Page 1 of 1

Appalachian Corridor	Estimate Section (Milepost)	Project Number	Work Class	Rural or Urban	APD Funds	State Funds	Total Cost (\$1,000)
B	B20.0.0	0231 (050)	Const	Rural	13,585	5,831	19,416
B	B24.0.0	0231 (052)	Const	Rural	4,166	1,786	5,952
B	B22.0.0	0231 (051)	Const	Rural	5,211	2,233	7,444
B	B24.1.0	0231 (047)	Const	Rural	7,719	3,308	11,027
B	B27.0.0	0231 (048)	Const	Rural	7,651	3,279	10,930
I	I01.0.0	0151 (003)	Const	Rural	12,229	6,420	18,649
I	I01.0.0	0151 (006)	Const	Rural	971	416	1,387
I	I08.0.0	0151 (004)	Const	Urban	19,063	8,172	27,235
Q	Q01.0.0	APD - 0806 (016)	Const	Rural	26,602	6,650	33,252
		Totals			97,197	38,095	135,292

**TABLE E**

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

State/Commonwealth of Kentucky

Page 1 of 1

<b>Name of the Act</b>	<b>Section in the Act</b>	<b>ADHS Corridor</b>	<b>FHWA Approp. Code</b>	<b>Description of the Project</b>	<b>Total Amount of Federal Funds Authorized</b>	<b>Remaining Amount of Federal Funds not obligated</b>
Public Law 108-447	126	B	54MO	US 460 New Route Construction Pike County, Kentucky	14,880,000	4,595,345