

APPENDIX G.

RESOURCE AGENCY COORDINATION RESPONSES

Coordination Letters

1. Agency Coordination Letter (07/22/04) with Mailing List and attachment
2. Email from Brainard Palmer-Ball
3. City of Campbellsville, Mayor Brenda Patterson
4. City of Campbellsville, Fire Department
5. Email from Charlie Harman – Commonwealth of Kentucky, Education Cabinet
6. City of Lebanon City Council
7. Email from City of Springfield City Council, Mayor Mike Haydon, & Laurie Smith
8. Columbia/Adair County Industrial Development Authority, Inc.
9. Commonwealth of Kentucky, Department of Agriculture
10. Commonwealth of Kentucky, Commerce Cabinet
11. Commonwealth of Kentucky, Commerce Cabinet, Department of Fish & Wildlife Resources (KDFWR)
12. Commonwealth of Kentucky, Commerce Cabinet, Department of Parks
13. Commonwealth of Kentucky, Cabinet for Economic Development
14. Commonwealth of Kentucky, Environmental and Public Protection Cabinet, Department for Natural Resources
15. Commonwealth of Kentucky, Environmental and Public Protection Cabinet, Division of Conservation
16. Commonwealth of Kentucky, Environmental and Public Protection Cabinet, Division for Air Quality
17. Commonwealth of Kentucky, Environmental and Public Protection Cabinet, Department for Natural Resources, Division of Mine Permits
18. Commonwealth of Kentucky, Environmental and Public Protection Cabinet, Department for Natural Resources, Non-Coal Branch
19. Commonwealth of Kentucky, Cabinet for Health and Family Services, Department for Public Health
20. Commonwealth of Kentucky, Justice and Public Safety Cabinet
21. Commonwealth of Kentucky, Kentucky State Police
22. Commonwealth of Kentucky, Transportation Cabinet, Division of Environmental Analysis
23. Commonwealth of Kentucky, Transportation Cabinet, Permits Branch
24. Greensburg/Green County Industrial Foundation, Inc.
25. Email from John Houlihan, Commonwealth of Kentucky, Transportation Cabinet, Department of Aviation
26. Lebanon-Marion County Chamber of Commerce
27. The Nature Conservancy, Kentucky Chapter
28. Marion County Industrial Foundation
29. Marion-Washington County Airport Board

30. Comments by telephone from Mike Blevins, P.E., KYTC, Division of Materials, Geotechnical Branch
31. Comments by telephone Judge Paul Patton, Taylor County Judge/Executive (via telephone)
32. Letter from Purcell's Business Products
33. Comments by telephone Springfield Water Company
34. Team Taylor County Industrial Development Authority
35. University of Kentucky Geological Survey
36. United States Department of Health & Human Services
37. United States Department of Homeland Security/United States Coast Guard
38. United States Department of Homeland Security/United States Coast Guard
39. Brenda Patterson, Greensburg City Council

Dan Byers



KENTUCKY TRANSPORTATION CABINET
FRANKFORT, KENTUCKY 40622
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ERNIE FLETCHER
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MAXWELL C. BAILEY
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July 22, 2004

«Mailing_Title» «First_Name» «Last_Name»«Suffix»
«Title»
«Organization»
«Address1»
«Address2»
«City», «State» «Zip»

Dear «Letter_Title» «Last_Name»:

Subject: Alternatives Study
Adair, Green, Marion, Taylor, and Washington Counties
Heartland Parkway, Widening and/or Relocation from the Louie B. Nunn
Cumberland Parkway to the Martha L. Collins Bluegrass Parkway
Item No. 4 - 132.00

The Kentucky Transportation Cabinet is requesting your agency's input and comments on alternatives that are being considered for a proposed highway project.

The Kentucky Transportation Cabinet has assembled a study team to evaluate the proposed widening and/or relocation of the Heartland Parkway in Adair, Green, Marion, Taylor, and Washington Counties from the Louie B. Nunn Cumberland Parkway to the Martha L. Collins Bluegrass Parkway. This study is currently in the data-gathering stage.

We ask that you identify specific issues or concerns of your agency that could affect the development of the project. This planning study will include a scoping process for the early identification of potential alternatives, environmental issues, and impacts related to the proposed project. We believe that early identification of issues or concerns can help us develop highway project alternatives to avoid or minimize negative impacts.

During the development of this study, comments will be solicited from federal, state, and local agencies, as well as other interested persons and the general public, in accordance with the principles set forth in the National Environmental Policy Act (NEPA) of 1969. The Federal Highway Administration is partnering with us in these efforts.

Other Transportation Cabinet offices or consultants working on behalf of the Transportation Cabinet may also contact you seeking more detailed data or information to assist them in completing their environmental studies for this phase of the project.

We have enclosed the following project information for your review and comment:

- A draft statement of Study Purpose, Project Goals, Issues, and Discussion
- Project Location Map
- Year 2003 Traffic and Level of Service
- Year 2030 Traffic and Level of Service
- Crash Information
- Summary of Round One Questionnaire Results
- Topographic Environmental Footprint with Alternates
- Cost Estimates

We respectfully ask that you provide us with your comments by August 15, 2004, to ensure timely progress in this planning effort.

We appreciate any input you can provide concerning this project. Please direct any comments, questions, or requests for additional information to Ted Noe of the Division of Planning at 502/564-7183 or at Ted.Noel@ky.gov. Please address all written correspondence to Annette Coffey, P.E., Director, Division of Planning, Kentucky Transportation Cabinet, W5-05-01, 200 Mero Street, Frankfort, KY 40622.

Sincerely,



Annette Coffey, P.E.
Director
Division of Planning

ACT:NH

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Heartland Parkway

STUDY PURPOSE, PROJECT GOALS, AND DISCUSSION

Adair, Green, Taylor, Marion, Nelson, and Washington Counties
Item No. 4-132.00
Agency Coordination Letters

Study Purpose

The purpose of the Heartland Parkway Alternatives Study is to identify and evaluate potential corridors for a new route and/or the reconstruction of existing routes (KY 55/US 68/KY 555) from the Louie B. Nunn Cumberland Parkway to the Martha Layne Collins Blue Grass Parkway. The study is intended to help define the location and purpose of the project and better meet Federal requirements regarding consideration of environmental issues, as defined in the National Environmental Policy Act (NEPA). Items involved in this study include:

- Discuss project needs and issues with public officials, resource agencies, and other groups which have a special interest in the project;
- Define project goals, needs, and issues;
- Define the beginning and ending points of the project corridor;
- Identify any known environmental concerns;
- Identify and evaluate alternate corridors with possible design concepts; and,
- Listen to, and share information with, the public.

Project Goals

The project goals, which were initially drafted, have been refined, as shown:

- I. Improve Regional Access for:
 - Economic Development
 - Existing Industry
 - Truck Access
 - Tourism
 - Higher Education
 - Agricultural Economy
- II. Improved Safety
- III. Improved Highway Capacity in Certain Locations
- IV. Decreased Delays through Communities
- V. Improved Emergency Response Times

Issues

Major issues and concerns have been identified within the study area that will be addressed in the Alternatives Study. These include:

- Access to major expressway-type systems in the region (i.e., I-75, I-65, and the proposed I-66 corridor);
- Improving economic development and tourism opportunities in Adair, Green, Taylor, Marion, Nelson, and Washington Counties;
- Poor geometrics, including narrow lane widths, narrow shoulders, substandard horizontal/vertical alignments, poor sight distance, no passing lanes, and access type;
- Truck Access for existing and future industries; and,
- Improving traffic congestion in Adair, Green, Taylor, Marion, Nelson, and Washington Counties in certain locations.

Discussion

The public's needs and concerns, obtained through meetings with local officials, public information meetings, and special interest group meetings, have been analyzed and tabulated and are included within this handout. In addition, traffic data was also evaluated prior to the compilation of the handout.

Through field and database research, known environmental concerns have been identified and are shown on the project exhibit.

As this study progressed, it became apparent that a corridor on the east side of the existing corridor would be difficult due to the Green River Lake area. This study addresses three options: **Option 1** is a parkway to the west of the existing corridor; **Options 2 and 3** are along the existing route with bypasses at the communities.

Option 1 is a four-lane divided fully controlled access facility. It lies approximately two miles west of the existing roadway. Interchanges are provided at major crossroads to access the communities. **Option 1** lies on a new alignment along its entire route.



Option 2 consists of widening the existing KY55/US68/KY555 route to a four-lane partially controlled access facility. It would follow the bypasses currently under design around the west sides of Columbia and Lebanon. Both of these bypasses would be

widened to four lanes. **Option 2** would provide a four-lane bypass around the southeast side of Campbellsville.

Option 2 is summarized in eight segments, which describes the work required in upgrading the route to a four-lane roadway:

Segment 1 follows a section of KY 61 currently under design (Item No. 8-162.6). It is a five-lane facility that connects to the Louie B. Nunn Cumberland Parkway with a new interchange and extends north 1.9 miles to the proposed Columbia Bypass. This five-lane roadway would be included in the Heartland Parkway as presently designed.

Segment 2 is 4.16 miles in length and follows the proposed Columbia Bypass from KY 61 to Mile Point 12.65 on KY 55. The bypass is currently under design as a two-lane initial on four-lane ultimate right of way. **Option 2** would construct the bypass as a four-lane initial, instead of two lanes.



Segment 3 extends along existing KY 55 from Mile Point 12.65 in Adair County to Mile Point 8.70 in Taylor County. **Option 2** would upgrade the existing two-lane route to four lanes with partial access control. Currently, a portion of *Segment 3* has access by permit and a portion has partial access control. In areas with access control by permit, frontage roads will be required to access remaining properties. In areas that are developed with access points closely spaced, using the existing road as a frontage

road and constructing *Segment 3* on a new alignment should be considered in the final design phase.

Segment 4 extends from KY 55 Mile Point 8.70 south of Campbellsville to US 68 Mile Point 9.48 north of Campbellsville. *Segment 4* would consist of a four-lane partially controlled access facility on a new alignment, bypassing Campbellsville on the southeast side. The route would be similar to the bypass design that was begun in 1998 and cancelled.

Segment 5 extends from Mile Point 9.48 in Taylor County to Mile Point 9.47 in Marion County. The north end of *Segment 5* would connect to the bypass currently under design for Lebanon (Item No. 4-125.10). The existing US 68/KY 55 routes have partial access control except for approximately one mile on the Lebanon end of the segment. **Option 2** would add two additional lanes and a 40-foot median to *Segment 5*. Frontage roads would be added to the portion of access control by permit to allow changing access control to partial.



Segment 6 extends from US 68 Mile Point 9.47 south of Lebanon to KY 55 Mile Point 2.0 north of Lebanon. It would follow the Lebanon Bypass (Item No. 4-125.10) that is currently under design. *Segment 6* would be constructed as a four-lane facility with a 40-foot median.

Segment 7 would follow KY 55 from the Lebanon Bypass to the intersection with KY 555 in Springfield. The route would be widened to four lanes with a 40-foot median. Additional right of way will be acquired and the current partial access control will be maintained.

Segment 8 would follow KY 555 from Springfield to the Martha Layne Collins Blue Grass Parkway. KY 555 would have two additional lanes with a 40-foot median. In areas of existing access by permit, frontage roads will be added to convert access control to partial with 1200-foot entrance spacing.

Option 3 consists of providing on existing KY55/US68/KY555 a two-lane facility with passing bays. The bypasses currently in design at Columbia and Lebanon would be used. A two-lane initial, four-lane ultimate bypass will be added around the southeast side of Campbellsville. The remainder of the route would be upgraded by adding one-mile passing bays every three miles. The route would receive a surface rehab and shoulder treatment.

Option 3 is summarized in eight segments, which describes the improvements associated with this option:

Segment 1 follows a section of KY 61 currently under design (Item No. 8-162.6). It is a five-lane facility that connects to the Louie B. Nunn Cumberland Parkway with a new interchange and extends north 1.9 miles to the proposed Columbia Bypass. This five-lane roadway would be included in the Heartland Parkway as presently designed.

Segment 2 is 4.16 miles in length and follows the proposed Columbia Bypass from KY 61 to Mile Point 12.65 on KY 55. **Option 3** would use the bypass as it is currently being designed – a two-lane facility on four-lane ultimate right of way.



Segment 3 extends along existing KY 55 from Mile Point 12.65 in Adair County to Mile Point 8.70 in Taylor County. **Option 3** would provide passing bays at needed locations. Additional right of way will be required; however, no additional right of way restrictions are proposed with **Option 3**.

Segment 4 extends from KY 55 Mile Point 8.70 south of Campbellsville to US 68 Mile Point 9.48 north of Campbellsville. *Segment 4* would consist of a two-lane/four-lane ultimate partially controlled access facility on a new

alignment, bypassing Campbellsville on the southeast side. The route would be similar to the bypass design that was begun in 1998 and cancelled.

Segment 5 extends from Mile Point 9.48 in Taylor County to Mile Point 9.47 in Marion County. The north end of *Segment 5* would connect to the bypass currently under design for Lebanon (Item No. 4-125.10). Several passing bays would be constructed within the existing right of way. There is no proposed upgrade in access control with this option.



Segment 6 extends from US 68 Mile Point 9.47 south of Lebanon to KY 55 Mile Point 2.0 north of Lebanon. It would follow the Lebanon Bypass (Item No. 4-125.10), as it is currently designed.

Segment 7 would follow KY 55 from the Lebanon Bypass to the intersection with KY 555 in Springfield. Along this segment, some passing bays would be constructed on existing right of way.

Segment 8 would follow KY 555 from Springfield to the Martha Layne Collins Blue Grass Parkway. Some passing bays would be added with **Option 3**. Additional right of way would be required; however, no additional right of way restrictions are proposed with this option.

Conclusions

If **Option 1** is recommended, it must be used throughout the corridor to be effective. Also, large segments must be constructed before significant benefits can be realized from Option 1.

Options 2 and 3 both follow the existing corridor; therefore, segments of one option are compatible with the other option. This allows the construction of **Option 2** on a portion of the corridor and **Option 3** on the remainder of the corridor. Since **Options 2 and 3** are along the existing corridor, construction of a segment would give benefit to the corridor independent of completion of the entire corridor.

Based on level of service, segment priority would be:

- Priority 1 – Segments 1, 2, 4, 6
- Priority 2 – Segments 3, 5
- Priority 3 – Segment 7
- Priority 4 – Segment 8

2003 Local Officials & Public Questionnaire Results

Adair, Green, Taylor, Marion, Nelson, & Washington Counties, Item No. 4-132.00

Heartland Parkway from the Louie B. Nunn Cumberland Parkway to the

Martha Layne Collins Blue Grass Parkway

1. Have you filled out a questionnaire on this project before?

Yes	0 (0%)
No	51 (100%)

2. Do you think a new/reconstructed route from the Louie B. Nunn Cumberland Parkway to the Martha Layne Collins Blue Grass Parkway is needed?

Yes	44 (88%)
No	6 (12%)

3. If a new/reconstructed roadway were built, do you think it would (check one):

Be helpful to the region	44 (88%)
Have little or no impact on the region	3 (6%)
Not be helpful to the region	3 (6%)

4. If a new/reconstructed roadway were built, do you think it would (check all that apply):

Improve regional access to a major highway network	42 (82%)
Improve economic development	42 (82%)
Improve tourism	38 (75%)

5. What types of transportation problems should a new route address? Please rate the following by circling a degree of problems for each issue on existing route:

	No problems	Very few problems	Some problems	Frequent problems	Serious problems
Too much traffic	1(2%)	3(7%)	15(34%)	14(32%)	11(25%)
High speeds	2(5%)	7(16%)	18(42%)	14(33%)	2(5%)
Large trucks	1(2%)	2(4%)	10(22%)	19(42%)	13(29%)
Poor visibility	2(5%)	4(10%)	23(55%)	10(24%)	3(7%)
Dangerous curves	2(5%)	5(11%)	19(43%)	10(23%)	8(18%)
Narrow lanes	1(2%)	4(9%)	13(29%)	16(36%)	11(24%)
Narrow shoulders	1(2%)	2(4%)	16(36%)	16(36%)	10(22%)
Stopped or broken down cars	2(5%)	20(48%)	15(36%)	2(5%)	3(7%)
Other *	4(33%)	3(25%)	0(0%)	1(8%)	4(33%)

* Comments = Limited passing (2); heavy lake traffic (1); city bypasses (1)

6. If a new route were built, would you use it (check one):

Daily	17 (33%)
1-2 times per week	10 (20%)
3-4 times per week	7 (14%)
1 time per month	2 (4%)
3-4 times per month	9 (18%)
Never	1 (2%)
Other	5 (10%)

7. If you traveled this new route, what would be the primary purpose of your trips (check all that apply):

To go to work or for business	29 (57%)
To go to the doctor	21 (41%)
To go to school or take kids to school	3 (6%)
For personal business	32 (63%)
To go shopping	33 (65%)
To visits friends or family	24 (47%)
To take trips or vacations	27 (53%)
Other	5 (10%)

8. Are there areas that should be avoided if this new route is constructed? Please check a box for areas to avoid and identify any specific locations you are aware of:

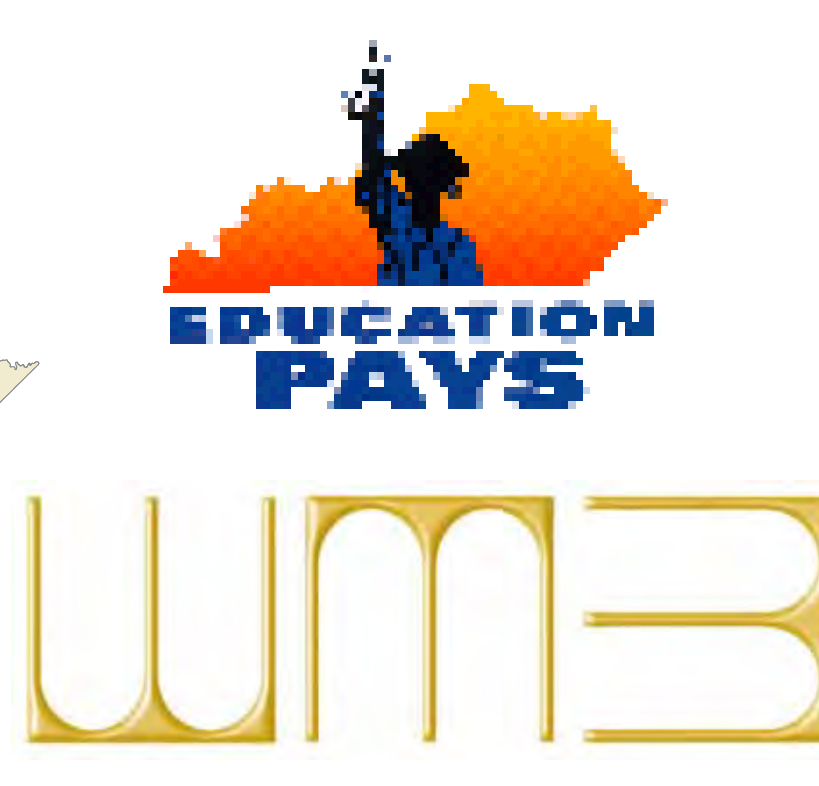
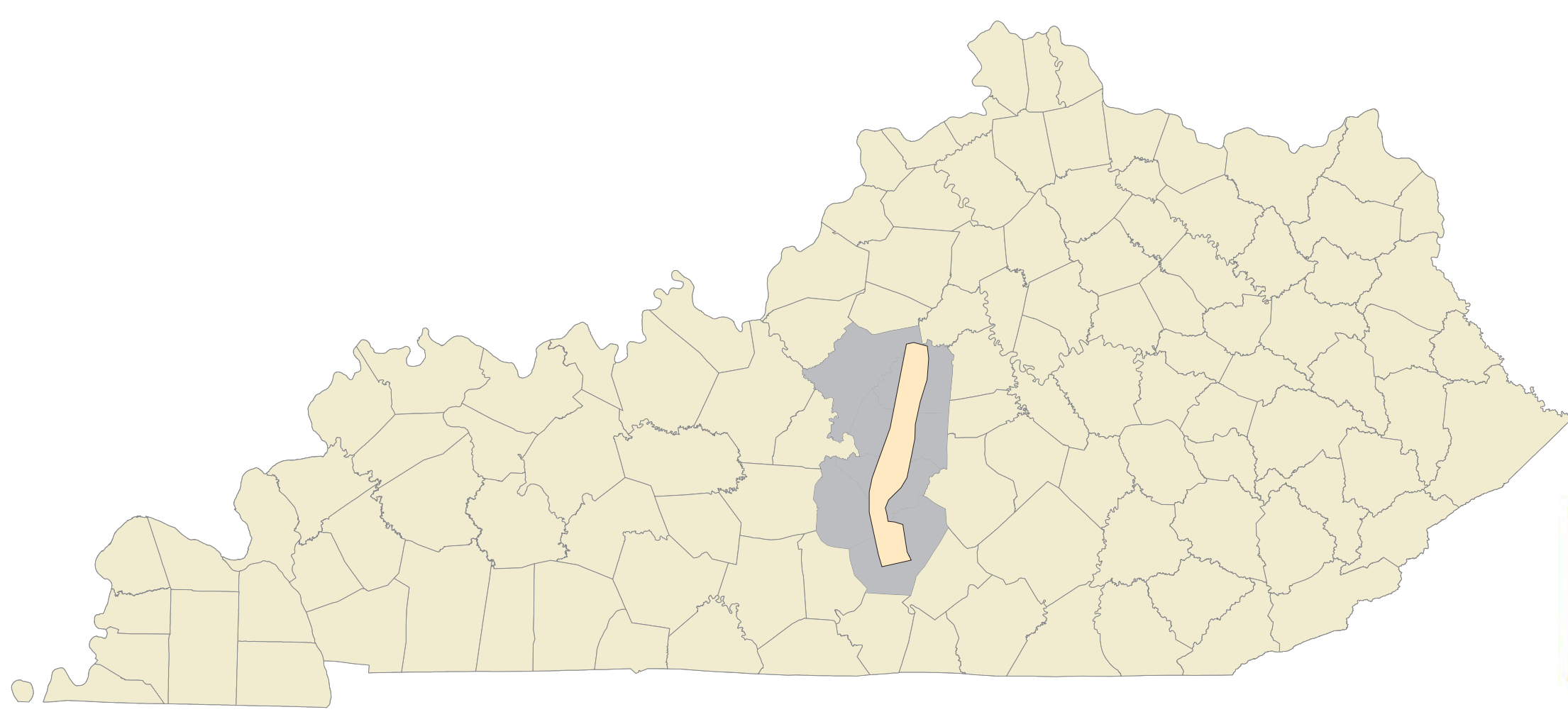
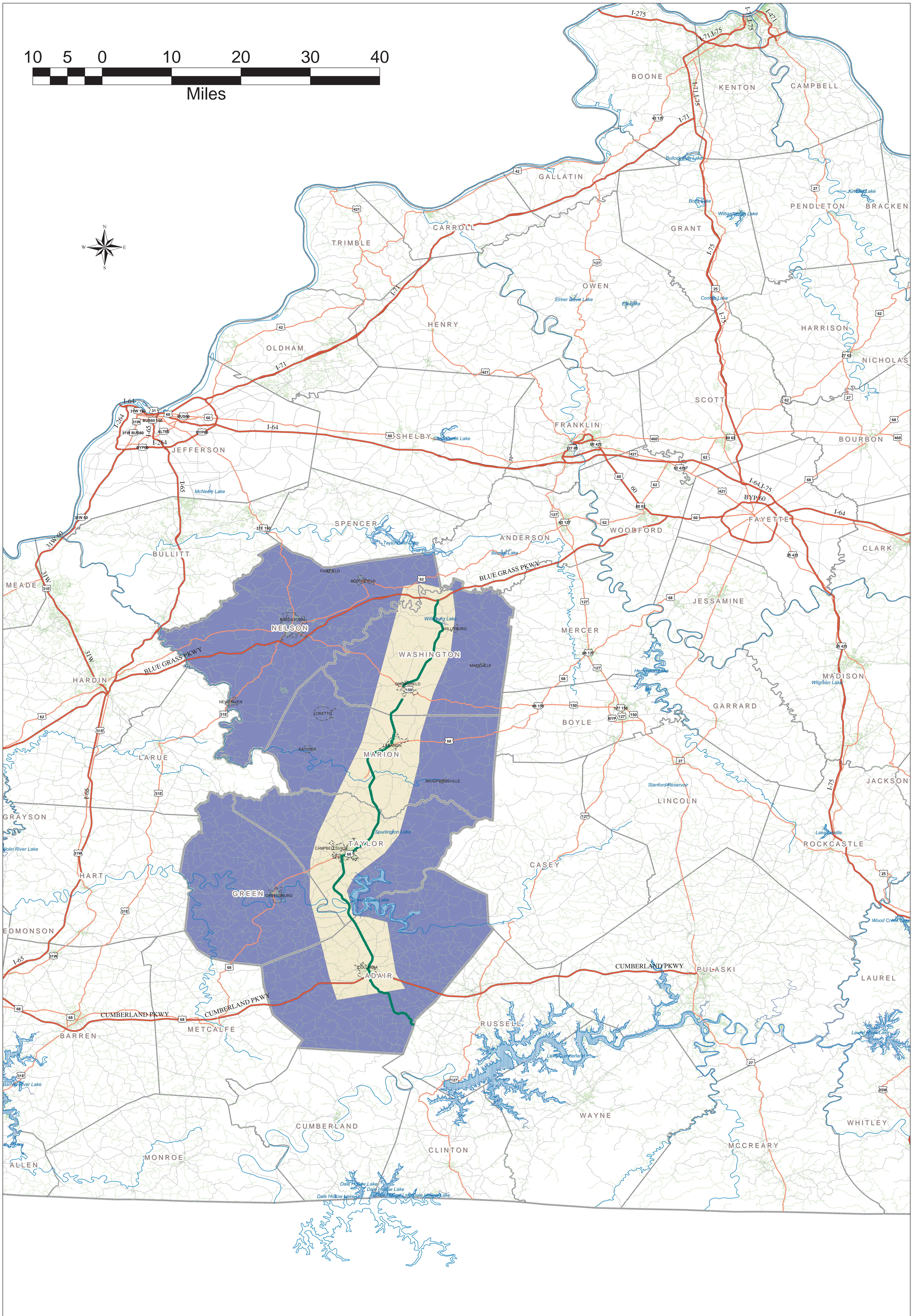
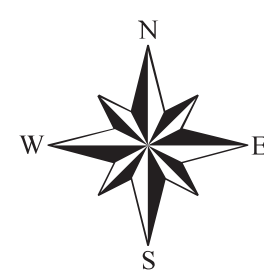
Personal properties or homes	6 (12%)
Businesses/commercial property	5 (10%)
Natural areas or habitats	20 (39%)
Recreational areas	9 (18%)
Historic or cultural sites	20 (39%)
Hazardous or monitored sites	11 (22%)
Scenic areas or viewsheds	10 (20%)
Other	4 (8%)

9. Given your comments above, what type of roadway would best serve the needs of the region?

2-lane with limited entrances	5 (10%)
4-lane divided with access only at major interchanges	15 (29%)
4-lane divided with limited entrances	29 (57%)
None	2 (4%)

10. The Heartland Parkway should be:

A new route	8 (23%)
Reconstructed along the existing route	27 (77%)

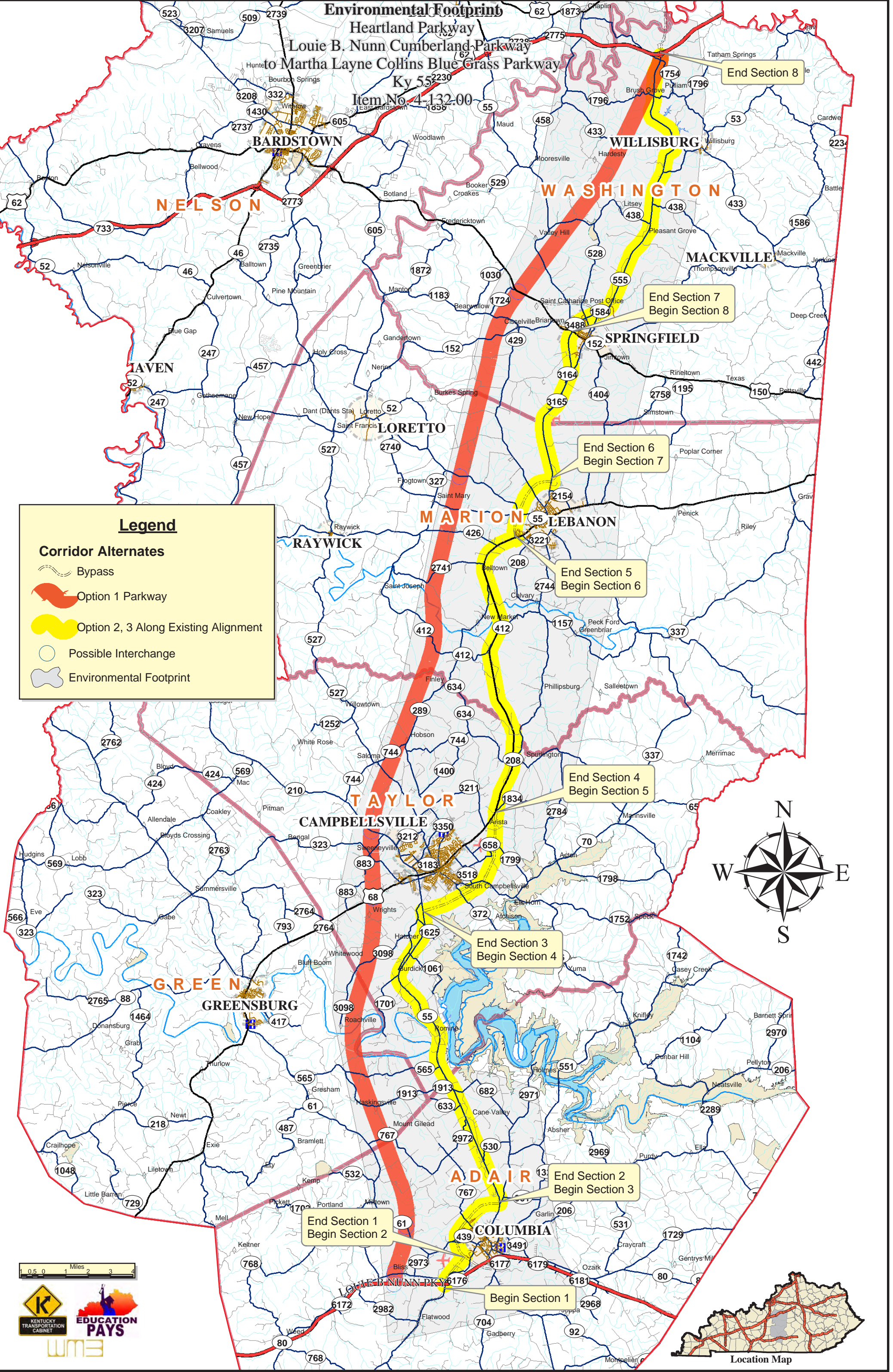


Location Map
 Heartland Parkway
 Louie B. Nunn Cumberland Parkway
 to Bluegrass Parkway
 Ky 55
 Item No. 4-132.00

Environmental Footprint

Heartland Parkway
Louie B. Nunn Cumberland Parkway
to Martha Layne Collins Blue Grass Parkway

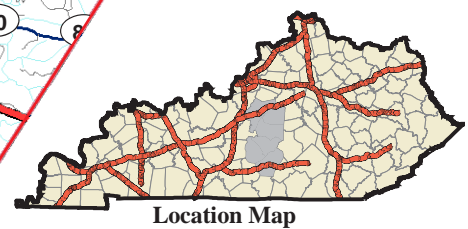
Item No. 4-132-00



Legend

Corridor Alternates

- Bypass
- Option 1 Parkway
- Option 2, 3 Along Existing Alignment
- Possible Interchange
- Environmental Footprint



Cost Estimates

Heartland Parkway - Option 1 (Interstate/Parkway Type of Facility)	
Items	Total
Estimated Length	60
Design	\$41,027,000
Right-of-Way	\$73,801,000
Utilities	\$16,000,000
Construction	\$509,650,000
Contingencies	\$76,448,000
Total	\$716,926,000

Heartland Parkway - Option 2 (Four-Lane Facility Along Existing Routes)													
Items	Segment 1	Segment 2	Segment 3		Segment 4	Segment 5		Segment 6	Segment 7		Segment 8		Total
	Section A Adair Co. (KY 61 from L.B.N. C'land Pkw. to Columbia Bypass)	Section B Adair Co. Columbia Bypass	Section C Adair Co. (KY 55 from Columbia Bypass to Taylor Co. Line)	Section D Taylor Co. (KY 55 to Campbells- ville Bypass)	Section E Taylor Co. Campbellsville Bypass	Section F Taylor Co. (US 68 from Campbells- ville Bypass to Marion Co. Line)	Section G Marion Co. (US 68 to Lebanon Bypass)	Section H Marion Co. Lebanon Bypass	Section I Marion Co. (KY 55 from Lebanon Bypass to Wash. Co. Line)	Section J Washington Co. (KY 55 to KY 555)	Section K Washington Co. (KY 555 to MP 8.284)	Section L Washington Co. (KY 555 MP 8.284 to M.L.C. Blue Grass Pkw.)	
Section Length	2.1	4.16	6.356	8.7	6.7	4.051	9.47	3.305	2.669	4.551	8.284	6.414	66.76
2030 ADT	-	10,700 - 13,700	22,200 - 24,400	21,000 - 32,500	9800 - 11,800	18,700 - 23,600	18,700 - 32,300	9800 - 12,700	24,500 - 25,000	21,900 - 25,000	13,600 - 19,400	9200 - 10,800	-
Design	-	2,894,000	1,824,000	2,673,000	2,322,000	685,000	2,510,000	927,000	478,000	883,000	1,720,000	1,463,000	\$18,379,000
Right-of-Way	2,000,000	4,400,000	2,589,000	14,867,000	5,868,000	2,866,000	8,186,000	1,300,000	2,613,000	2,988,000	4,372,000	4,854,000	\$54,903,000
Utilities	500,000	1,500,000	11,171,000	2,675,000	1,875,000	1,013,000	4,868,000	1,000,000	668,000	1,138,000	2,071,000	1,604,000	\$29,583,000
Construction	15,000,000	35,943,000	23,604,000	34,432,000	28,842,000	8,737,000	32,070,000	13,353,000	6,086,000	11,223,000	21,831,000	18,530,000	\$234,651,000
Contingencies	2,250,000	5,393,000	2,448,000	3,749,000	4,327,000	1,044,000	3,783,000	2,003,000	738,000	1,384,000	2,729,000	2,357,000	\$29,955,000
Total	\$19,750,000	\$50,130,000	\$41,636,000	\$58,396,000	\$43,234,000	\$14,345,000	\$51,417,000	\$18,583,000	\$10,583,000	\$17,616,000	\$32,723,000	\$28,808,000	\$367,471,000

Heartland Parkway - Option 3 (Two-Lane Facility with Passing Lanes Every Three Miles)													
Items	Segment 1	Segment 2	Segment 3		Segment 4	Segment 5		Segment 6	Segment 7		Segment 8		Total
	Section A Adair Co. (KY 61 from L.B.N. C'land Pkw. to Columbia Bypass)	Section B Adair Co. Columbia Bypass	Section C Adair Co. (KY 55 from Columbia Bypass to Taylor Co. Line)	Section D Taylor Co. (KY 55 to Campbells- ville Bypass)	Section E Taylor Co. Campbellsville Bypass	Section F Taylor Co. (US 68 from Campbells- ville Bypass to Marion Co. Line)	Section G Marion Co. (US 68 to Lebanon Bypass)	Section H Marion Co. Lebanon Bypass	Section I Marion Co. (KY 55 from Lebanon Bypass to Wash. Co. Line)	Section J Washington Co. (KY 55 to KY 555)	Section K Washington Co. (KY 555 to MP 8.284)	Section L Washington Co. (KY 555 MP 8.284 to M.L.C. Blue Grass Pkw.)	
Section Length	2.1	4.16	6.356	8.7	6.7	4.051	9.47	3.305	2.669	4.551	8.284	6.414	66.76
2030 ADT	-	10,700 - 13,700	19,500 - 21,700	18,500 - 28,700	8600 - 10,500	16,500 - 20,800	16,500 - 28,400	8600 - 11,100	21,500 - 22,000	19,200 - 22,000	11,900 - 17,100	8100 - 9500	-
Design	-	-	317,000	392,000	1,444,000	193,000	523,000	450,000	142,000	216,000	435,000	348,000	\$4,460,000
Right-of-Way	2,000,000	4,400,000	122,000	122,000	5,868,000	0	0	1,300,000	0	0	0	122,000	\$11,934,000
Utilities	500,000	1,500,000	600,000	600,000	1,875,000	300,000	900,000	1,000,000	300,000	300,000	900,000	600,000	\$8,875,000
Construction	15,000,000	18,750,000	4,198,000	5,228,000	17,933,000	2,561,000	6,893,000	7,428,000	1,871,000	2,869,000	5,754,000	4,594,000	\$78,079,000
Contingencies	2,250,000	2,813,000	320,000	360,000	2,690,000	187,000	572,000	1,115,000	151,000	209,000	459,000	377,000	\$9,253,000
Total	\$19,750,000	\$20,250,000	\$5,557,000	\$6,702,000	\$29,810,000	\$3,241,000	\$8,888,000	\$9,543,000	\$2,464,000	\$3,594,000	\$7,548,000	\$6,041,000	\$112,601,000

Traffic and Geometric Data
Adair, Green, Taylor, Marion, & Washington Counties
 Adair, Green, Taylor, Marion, Nelson, & Washington Counties, Item No. 4-132.00
 Heartland Parkway from Louie B. Nunn Cumberland Parkway to Martha Layne Collins Blue Grass Parkway

Route	Begin MP	End MP	Length	2003 ADT	2003 % Trucks	Annual Growth Rate	2030 ADT Option 1	2030 % Trucks	Number of Lanes	Lane Width (feet)	Shoulder Width (feet)	Passing % Sight Distance	Speed Limit (mph)	2030 LOS Option 1
HP	Nunn	KY 80	0.400	-	-	-	16,300	18%	4	12	10	N/A	65	B
HP	KY 80	KY 61	1.600	-	-	-	12,200	18%	4	12	10	N/A	65	B
HP	KY 61	US 68	15.800	-	-	-	19,300	18%	4	12	10	N/A	65	C
HP	US 68	KY 210	3.200	-	-	-	13,900	18%	4	12	10	N/A	65	B
HP	KY 210	KY 84	14.800	-	-	-	22,800	18%	4	12	10	N/A	65	C
HP	KY 84	US 150	10.600	-	-	-	22,300	18%	4	12	10	N/A	65	C
HP	US 150	BG	12.600	-	-	-	9,400	18%	4	12	10	N/A	65	A

Source: KYTC's *Highway Information System (HIS)* d'base; 2003 ADT data from KYTC's *Highway Information System (HIS)* d'base on 05/13/2003; 2030 Data by Jordan, Jones and Goulding, Inc. on 02/02/04

Traffic and Geometric Data
Adair County
KY 55, MP 10.059 to MP 19.006
Adair, Green, Taylor, Marion, Nelson, & Washington Counties, Item No. 4-132.00
Heartland Parkway from Louie B. Nunn Cumberland Parkway to Martha Layne Collins Blue Grass Parkway

Functional Classification	Rural Principal Arterial
State System	State Primary
National Truck Network	Yes
NHS	No
Truck Weight Class	AA & AAA
Type of Road	Undivided
Type of Terrain	Rolling
Number of Bridges	3
Pavement Type	High Flexible

Appalachian Dev. Highway System	No
Average R/W	40 & 100
Bike Route System	No
Coal Haul	No
Defense Highway Network	1585 & 1590
Extended Weight System	No
Forest Highway System	No
Scenic Byway System	Cumberland Cultural Heritage Highway

Begin MP	End MP	Length (Miles)	Annual Growth Rate	2003 ADT	2030 ADT No Imp.	2030 ADT Option 1	2030 ADT Option 2 (w/I-66)	2030 ADT Option 2 (wo/I-66)	2030 ADT Option 3 (w/I-66)	2030 ADT Option 3 (wo/I-66)	2003% Trucks	2030 % Trucks No Imp.	2030 % Trucks Option 1	2030 % Trucks Option 2	2030 % Trucks Option 3	Number of Lanes
10.059	10.159	0.1	-	10,700	17,900	14,500	17,900	17,900	17,900	17,900	8.8%	13%	3%	13%	13%	2
10.159	10.316	0.157	-	10,700	17,900	14,500	17,900	17,900	17,900	17,900	8.8%	13%	3%	13%	13%	2
10.316	10.47	0.154	-	22,400	28,000	24,600	28,000	28,000	28,000	28,000	6.7%	10%	2%	10%	10%	2
10.47	10.614	0.144	-	25,700	26,400	23,000	26,400	26,400	26,400	26,400	9.9%	15%	3%	15%	15%	2
10.614	10.72	0.106	-	25,400	28,000	24,600	28,000	28,000	28,000	28,000	9.4%	14%	3%	14%	14%	2
10.72	11.17	0.45	-	15,300	26,500	23,100	26,500	26,500	26,500	26,500	9.8%	15%	3%	15%	15%	2
11.17	11.19	0.02	-	28,600	28,000	24,600	28,000	28,000	28,000	28,000	5.7%	9%	2%	9%	9%	2
11.19	11.31	0.12	-	15,400	23,800	20,400	23,800	23,800	23,800	23,800	9.7%	15%	3%	15%	15%	2
11.31	11.519	0.209	-	16,200	25,600	22,200	25,600	25,600	25,600	25,600	9.3%	14%	3%	14%	14%	2
11.519	11.78	0.261	-	14,100	22,000	18,600	22,000	22,000	22,000	22,000	10.2%	15%	3%	15%	15%	2
11.78	12.849	1.069	3.0%	12,000	26,700	21,500	36,800	34,600	32,600	30,400	8.3%	13%	3%	13%	13%	2
12.849	19.006	6.157	3.0%	7,700	17,100	11,900	24,400	22,200	21,700	19,500	13.0%	20%	4%	20%	20%	2

Source: KYTC's Highway Information System (HIS) d'base; 2003 ADT data from KYTC's Highway Information System (HIS) d'base on 05/13/2003; 2030 Data by Jordan, Jones and Goulding, Inc. on 02/02/04

Traffic and Geometric Data
Adair County
KY 55, MP 10.059 to MP 19.006
 Adair, Green, Taylor, Marion, Nelson, & Washington Counties, Item No. 4-132.00
 Heartland Parkway from Louie B. Nunn Cumberland Parkway to Martha Layne Collins Blue Grass Parkway

Begin MP	End MP	Lane Width (Feet)	Shoulder Width (Feet)	Passing % Sight Distance	Speed Limit (MPH)	2003 LOS	2030 LOS No Imp.	2030 LOS Option 1	2030 LOS Option 2 (w/I-66)	2030 LOS Option 2 (wo/I-66)	2030 LOS Option 3 (w/I-66)	2030 LOS Option 3 (wo/I-66)
10.059	10.159	12	2	-	35	E	F	E	F	F	F	F
10.159	10.316	14	2	-	35	E	F	E	F	F	F	F
10.316	10.47	14	2	-	35	E	F	E	F	F	F	F
10.47	10.614	14	2	-	35	E	F	E	F	F	F	F
10.614	10.72	12	2	-	35	E	F	E	F	F	F	F
10.72	11.17	12	2	-	35	F	F	F	F	F	F	F
11.17	11.19	12	2	-	35	F	F	F	F	F	F	F
11.19	11.31	12	2	-	35	F	F	F	F	F	F	F
11.31	11.519	12	2	-	35	F	F	F	F	F	F	F
11.519	11.78	12	10	45	55	E	E	E	E	E	E	E
11.78	12.849	12	10	45	55	D	F	E	D	C	F	F
12.849	19.006	12	10	45	55	D	E	D	C	B	E	E

Source: KYTC's *Highway Information System (HIS)* database; 2003 ADT data from KYTC's *Highway Information System (HIS)* database on 05/13/2003; 2030 Data by Jordan, Jones and Goulding, Inc. on 02/02/04

Traffic and Geometric Data
Adair County
Columbia Bypass, MP KY 55 to MP KY 55
 Adair, Green, Taylor, Marion, Nelson, & Washington Counties, Item No. 4-132.00
 Heartland Parkway from Louie B. Nunn Cumberland Parkway to Martha Layne Collins Blue Grass Parkway

Begin MP	End MP	Length (Miles)	Annual Growth Rate Option 1	Annual Growth Rate Option 2	Annual Growth Rate Option 3	2003 ADT	2030 ADT No Imp.	2030 ADT Option 1	2030 ADT Option 2 (w/I-66)	2030 ADT Option 2 (wo/I-66)	2030 ADT Option 3 (w/I-66)	2030 ADT Option 3 (wo/I-66)	2003 % Trucks Option 1	2003 % Trucks Option 2	2003 % Trucks Option 3
KY 55	KY 767	1.600	4.0%	4.0%	4.0%	4,400	12,700	10,900	14,900	12,700	14,900	12,700	8.0%	8.0%	8.0%
KY 767	School	0.500	4.0%	4.0%	4.0%	4,600	13,300	11,500	15,500	13,300	15,500	13,300	8.0%	8.0%	8.0%
School	KY 61	0.700	4.0%	4.0%	4.0%	4,900	14,100	12,300	16,300	14,100	16,300	14,100	7.4%	7.4%	7.4%
KY 61	KY 80	1.200	4.0%	4.0%	4.0%	4,000	11,500	10,100	13,700	11,500	13,700	11,500	9.4%	9.4%	9.4%
KY 80	KY 55	1.300	4.0%	4.0%	4.0%	3,700	10,700	9,300	12,900	10,700	12,900	10,700	9.4%	9.4%	9.4%

Begin MP	End MP	2030 % Trucks Option 1	2030 % Trucks Option 2	2030 % Trucks Option 3	2003 LOS	2030 LOS No Imp.	2030 LOS Option 1	2030 LOS Option 2 (w/I-66)	2030 LOS Option 2 (wo/I-66)	2030 LOS Option 3 (w/I-66)	2030 LOS Option 3 (wo/I-66)
KY 55	KY 767	2%	12%	12%	-	E	D	B	A	E	E
KY 767	School	2%	12%	12%	-	E	D	B	A	E	E
School	KY 61	2%	11%	11%	-	E	E	B	A	E	E
KY 61	KY 80	3%	14%	14%	-	D	D	A	A	E	D
KY 80	KY 55	3%	14%	14%	-	D	D	A	A	E	D

Source: KYTC's Highway Information System (HIS) d'base; 2003 ADT data from KYTC's Highway Information System (HIS) d'base on 05/13/2003; 2030 Data by Jordan, Jones and Goulding, Inc. on 02/02/04

Traffic and Geometric Data
Taylor County
KY 55, MP 0 to MP 10.293
 Adair, Green, Taylor, Marion, Nelson, & Washington Counties, Item No. 4-132.00
 Heartland Parkway from Louie B. Nunn Cumberland Parkway to Martha Layne Collins Blue Grass Parkway

Functional Classification	Rural Principal Arterial & Urban Principal Arterial
State System	State Primary
National Truck Network	Yes
NHS	No
Truck Weight Class	AAA
Type of Road	Undivided
Type of Terrain	Rolling
Number of Bridges	3
Pavement Type	High Flexible

Appalachian Dev. Highway System	No
Average R/W	100
Bike Route System	Midland Kentucky Tour/Central Heartlands Tour
Coal Haul	No
Defense Highway Network	1590
Extended Weight System	No
Forest Highway System	No
Scenic Byway System	Cumberland Cultural Heritage Highway

Begin MP	End MP	Length (Miles)	Annual Growth Rate	2003 ADT	2030 ADT No Imp.	2030 ADT Option 1	2030 ADT Option 2 (w/I-66)	2030 ADT Option 2 (wo/I-66)	2030 ADT Option 3 (w/I-66)	2030 ADT Option 3 (wo/I-66)	2003% Trucks	2030 % Trucks No Imp.	2030 % Trucks Option 1	2030 % Trucks Option 2	2030 % Trucks Option 3
0	0.675	0.675	3.0%	7,300	16,200	11,000	23,200	21,000	20,700	18,500	13.7%	21%	4%	21%	21%
0.675	5.483	4.808	3.0%	7,400	16,400	11,200	22,400	21,300	19,800	18,700	13.5%	21%	4%	21%	21%
5.483	6.546	1.063	3.0%	8,200	18,200	13,000	24,700	23,600	21,900	20,800	12.2%	19%	4%	19%	19%
6.546	8.003	1.457	3.0%	10,600	23,500	18,300	31,700	30,600	27,900	26,800	9.4%	14%	3%	14%	14%
8.003	8.500	0.497	3.0%	10,900	24,200	19,000	32,500	31,400	28,700	27,600	9.2%	14%	3%	14%	14%
8.500	9.066	0.566	3.0%	10,900	24,200	19,000	23,400	23,400	23,400	23,400	9.2%	14%	3%	14%	14%
9.066	10.293	1.227	3.0%	9,300	20,700	15,500	19,900	19,900	19,900	19,900	8.6%	13%	3%	13%	13%

Source: KYTC's Highway Information System (HIS) database; 2003 ADT data from KYTC's Highway Information System (HIS) database on 05/13/2003; 2030 Data by Jordan, Jones and Goulding, Inc. on 02/02/04

Traffic and Geometric Data
Taylor County
KY 55, MP 0 to MP 10.293
 Adair, Green, Taylor, Marion, Nelson, & Washington Counties, Item No. 4-132.00
 Heartland Parkway from Louie B. Nunn Cumberland Parkway to Martha Layne Collins Blue Grass Parkway

Begin MP	End MP	Length (Miles)	Number of Lanes	Lane Width (Feet)	Shoulder Width (Feet)	Passing % Sight Distance	Speed Limit (MPH)	2003 LOS	2030 LOS No Imp.	2030 LOS Option 1	2030 LOS Option 2 (w/I-66)	2030 LOS Option 2 (wo/I-66)	2030 LOS Option 3 (w/I-66)	2030 LOS Option 3 (wo/I-66)
0	0.675	0.675	2	12	2	-	35	E	E	D	C	B	E	E
0.675	5.483	4.808	2	14	2	-	35	E	E	D	B	B	E	E
5.483	6.546	1.063	2	14	2	-	35	E	E	D	C	C	E	E
6.546	8.003	1.457	2	14	2	-	35	E	E	E	D	D	F	F
8.003	8.500	0.497	2	12	2	-	35	E	F	E	D	D	F	F
8.500	9.066	0.566	2	12	2	-	35	E	F	E	E	E	E	E
9.066	10.293	1.227	2	12	2	-	35	F	E	E	E	E	E	E

Traffic and Geometric Data
Taylor County
Campbellsville Bypass, MP KY 55 to MP US 68
 Adair, Green, Taylor, Marion, Nelson, & Washington Counties, Item No. 4-132.00
 Heartland Parkway from Louie B. Nunn Cumberland Parkway to Martha Layne Collins Blue Grass Parkway

Begin MP	End MP	Length (Miles)	Annual Growth Rate Option 1	Annual Growth Rate Option 2	Annual Growth Rate Option 3	2003 ADT	2030 ADT No Imp.	2030 ADT Option 1	2030 ADT Option 2 (w/I-66)	2030 ADT Option 2 (wo/I-66)	2030 ADT Option 3 (w/I-66)	2030 ADT Option 3 (wo/I-66)	2003 % Trucks Option 1	2003 % Trucks Option 2
KY 55	KY 70	3.400	-	4.0%	3.5%	-	-	-	11,800	10,700	10,500	9,400	-	-
KY 70	US 68	3.500	-	4.0%	3.5%	-	-	-	9,800	9,800	8,600	8,600	-	-

Begin MP	End MP	2003 % Trucks Option 3	2030 % Trucks Option 1	2030 % Trucks Option 2	2030 % Trucks Option 3	2003 LOS	2030 LOS No Imp.	2030 LOS Option 1	2030 LOS Option 2 (w/I-66)	2030 LOS Option 2 (wo/I-66)	2030 LOS Option 3 (w/I-66)	2030 LOS Option 3 (wo/I-66)
KY 55	KY 70	-	-	11%	11%	-	-	-	A	A	D	D
KY 70	US 68	-	-	14%	14%	-	-	-	A	A	D	D

Source: KYTC's Highway Information System (HIS) d'base; 2003 ADT data from KYTC's Highway Information System (HIS) d'base on 05/13/2003; 2030 Data by Jordan, Jones and Goulding, Inc. on 02/02/04

Traffic and Geometric Data
Taylor County
US 68, MP 4.87 to MP 13.531
 Adair, Green, Taylor, Marion, Nelson, & Washington Counties, Item No. 4-132.00
 Heartland Parkway from Louie B. Nunn Cumberland Parkway to Martha Layne Collins Blue Grass Parkway

Functional Classification	Urban Principal Arterial & Rural Principal Arterial
State System	State Primary
National Truck Network	Yes
NHS	No
Truck Weight Class	AAA
Type of Road	Divided & Undivided
Type of Terrain	Rolling
Number of Bridges	1
Pavement Type	High Flexible

Appalachian Dev. Highway System	No
Average R/W	Varies
Bike Route System	No
Coal Haul	No
Defense Highway Network	1590
Extended Weight System	No
Forest Highway System	No
Scenic Byway System	No

Begin MP	End MP	Length (Miles)	Annual Growth Rate	2003 ADT	2030 ADT No Imp.	2030 ADT Option 1	2030 ADT Option 2 (w/I-66)	2030 ADT Option 2 (wo/I-66)	2030 ADT Option 3 (w/I-66)	2030 ADT Option 3 (wo/I-66)	2003% Trucks	2030 % Trucks No Imp.	2030 % Trucks Option 1	2030 % Trucks Option 2	2030 % Trucks Option 3	Number of Lanes
4.870	5.510	0.64	3.0%	17,400	38,700	31,500	45,300	45,300	45,300	45,300	4.6%	7%	1%	7%	7%	4
5.510	5.687	0.177	3.0%	16,300	36,200	29,000	45,300	45,300	45,300	45,300	4.9%	7%	1%	7%	7%	4
5.687	5.807	0.12	3.0%	24,200	53,800	46,600	51,700	51,700	51,700	51,700	3.3%	5%	1%	5%	5%	4
5.807	5.923	0.116	3.0%	22,700	50,400	43,200	45,700	45,700	45,700	45,700	3.5%	5%	1%	5%	5%	4
5.923	6.469	0.545	3.0%	20,500	45,500	38,300	45,700	45,700	45,700	45,700	3.9%	6%	1%	6%	6%	4
6.469	6.703	0.234	3.0%	17,300	38,400	31,200	45,700	45,700	45,700	45,700	4.6%	7%	1%	7%	7%	4
6.703	7.091	0.388	3.0%	18,500	41,100	33,900	39,200	39,200	39,200	39,200	4.3%	7%	1%	7%	7%	4
7.091	7.404	0.313	3.0%	12,200	27,100	19,900	39,200	39,200	39,200	39,200	6.6%	10%	2%	10%	10%	4
7.404	8.624	1.22	3.0%	9,400	20,900	13,700	13,300	13,300	13,300	13,300	8.0%	12%	2%	12%	12%	2
8.624	9.530	0.906	3.0%	8,500	18,900	11,700	13,300	13,300	13,300	13,300	8.8%	13%	3%	13%	13%	2
9.530	11.879	2.349	3.0%	8,200	18,200	11,000	23,600	23,600	20,800	20,800	9.1%	14%	3%	14%	14%	2
11.879	13.531	1.652	3.0%	6,500	14,400	7,200	18,700	18,700	16,500	16,500	11.5%	18%	4%	18%	18%	2

Source: KYTC's Highway Information System (HIS) d'base; 2003 ADT data from KYTC's Highway Information System (HIS) d'base on 05/13/2003; 2030 Data by Jordan, Jones and Goulding, Inc. on 02/02/04

Traffic and Geometric Data
Taylor County
US 68, MP 4.87 to MP 13.531
 Adair, Green, Taylor, Marion, Nelson, & Washington Counties, Item No. 4-132.00
 Heartland Parkway from Louie B. Nunn Cumberland Parkway to Martha Layne Collins Blue Grass Parkway

Begin MP	End MP	Lane Width (Feet)	Shoulder Width (Feet)	Passing % Sight Distance	Speed Limit (MPH)	2003 LOS	2030 LOS No Imp.	2030 LOS Option 1	2030 LOS Option 2 (w/I-66)	2030 LOS Option 2 (wo/I-66)	2030 LOS Option 3 (w/I-66)	2030 LOS Option 3 (wo/I-66)
4.870	5.510	10	2	-	45	C	C	C	D	D	D	D
5.510	5.687	10	2	-	35	C	D	C	D	D	D	D
5.687	5.807	10	2	-	35	C	D	C	D	D	D	D
5.807	5.923	10	2	-	35	C	D	C	D	D	D	D
5.923	6.469	10	2	-	35	C	D	C	D	D	D	D
6.469	6.703	10	2	-	35	C	D	C	D	D	D	D
6.703	7.091	10	2	0	45	B	D	C	D	D	D	D
7.091	7.404	10	2	0	45	A	C	B	D	D	D	D
7.404	8.624	12	12	48	55	D	E	E	E	E	E	E
8.624	9.530	12	12	48	55	D	E	D	E	E	E	E
9.530	11.879	12	12	0	55	D	E	D	B	B	E	E
11.879	13.531	12	12	0	55	D	E	D	B	B	E	E

Source: KYTC's *Highway Information System (HIS)* d'base; 2003 ADT data from KYTC's *Highway Information System (HIS)* d'base on 05/13/2003; 2030 Data by Jordan, Jones and Goulding, Inc. on 02/02/04

Traffic and Geometric Data
Marion County
US 68, MP 4.87 to MP 13.531
 Adair, Green, Taylor, Marion, Nelson, & Washington Counties, Item No. 4-132.00
 Heartland Parkway from Louie B. Nunn Cumberland Parkway to Martha Layne Collins Blue Grass Parkway

Functional Classification	Rural Principal Arterial & Urban Principal Arterial
State System	State Primary
National Truck Network	Yes
NHS	No
Truck Weight Class	AAA
Type of Road	Divided & Undivided
Type of Terrain	Rolling
Number of Bridges	4
Pavement Type	High Flexible

Appalachian Dev. Highway System	No
Average R/W	Varies
Bike Route System	No
Coal Haul	No
Defense Highway Network	1590
Extended Weight System	No
Forest Highway System	No
Scenic Byway System	No

Begin MP	End MP	Length (Miles)	Annual Growth Rate	2003 ADT	2030 ADT No Imp.	2030 ADT Option 1	2030 ADT Option 2 (w/I-66)	2030 ADT Option 2 (wo/I-66)	2030 ADT Option 3 (w/I-66)	2030 ADT Option 3 (wo/I-66)	2003% Trucks	2030 % Trucks No Imp.	2030 % Trucks Option 1	2030 % Trucks Option 2	2030 % Trucks Option 3	Number of Lanes
0	4.503	4.503	3.0%	6,500	14,400	7,200	18,700	18,700	16,500	16,500	11.5%	18%	4%	18%	18%	2
4.503	6.640	2.137	3.0%	6,600	14,700	7,500	19,000	19,000	16,700	16,700	11.4%	17%	3%	17%	17%	2
6.640	8.629	1.979	3.0%	8,400	18,700	11,500	24,200	24,200	21,300	21,300	8.9%	14%	3%	14%	14%	2
8.629	9.300	0.681	3.0%	11,200	24,900	17,700	32,300	32,300	28,400	28,400	6.7%	10%	2%	10%	10%	2
9.300	9.864	0.564	-	11,900	17,500	15,700	17,500	17,500	17,500	17,500	8.8%	13%	3%	13%	13%	2
9.864	10.690	0.826	-	17,400	23,000	21,200	23,000	23,000	23,000	23,000	5.7%	9%	2%	9%	9%	2

Source: KYTC's Highway Information System (HIS) database; 2003 ADT data from KYTC's Highway Information System (HIS) database on 05/13/2003; 2030 Data by Jordan, Jones and Gouling, Inc. on 02/02/04

Begin MP	End MP	Lane Width (Feet)	Shoulder Width (Feet)	Passing % Sight Distance	Speed Limit (MPH)	2003 LOS	2030 LOS No Imp.	2030 LOS Option 1	2030 LOS Option 2 (w/I-66)	2030 LOS Option 2 (wo/I-66)	2030 LOS Option 3 (w/I-66)	2030 LOS Option 3 (wo/I-66)
0	4.503	12	10	100	55	C	D	C	B	B	E	E
4.503	6.640	12	10	100	55	C	E	C	B	B	E	E
6.640	8.629	12	10	100	55	C	E	D	B	B	E	E
8.629	9.300	12	10	100	55	D	F	E	D	D	F	F
9.300	9.864	12	2	100	45	E	E	D	E	E	E	E
9.864	10.690	12	2	100	45	E	E	D	E	E	E	E

Traffic and Geometric Data
Marion County
Lebanon Bypass, MP KY 55 to MP US 68
 Adair, Green, Taylor, Marion, Nelson, & Washington Counties, Item No. 4-132.00
 Heartland Parkway from Louie B. Nunn Cumberland Parkway to Martha Layne Collins Blue Grass Parkway

Begin MP	End MP	Length (Miles)	Annual Growth Rate Option 1	Annual Growth Rate Option 2	Annual Growth Rate Option 3	2003 ADT	2030 ADT No Imp.	2030 ADT Option 1	2030 ADT Option 2 (w/I-66)	2030 ADT Option 2 (wo/I-66)	2030 ADT Option 3 (w/I-66)	2030 ADT Option 3 (wo/I-66)	2003 % Trucks No Imp.	2003 % Trucks Option 1	2003 % Trucks Option 2	2003 % Trucks Option 3
KY 55	KY 429	0.80	3.0%	4.0%	3.5%	3,800	8,400	2,200	11,500	11,000	10,100	9,600	14%	14%	14%	14%
KY 429	KY 49	1.20	3.0%	4.0%	3.5%	3,400	7,600	1,400	10,300	9,800	9,100	8,600	14%	14%	14%	14%
KY 49	US 68	1.00	3.0%	4.0%	3.5%	4,400	9,800	4,400	12,700	12,700	11,100	11,100	14%	14%	14%	14%

Begin MP	End MP	2030 % Trucks No Imp.	2030 % Trucks Option 1	2030 % Trucks Option 2	2030 % Trucks Option 3	2003 LOS	2030 LOS No Imp.	2030 LOS Option 1	2030 LOS Option 2 (w/I-66)	2030 LOS Option 2 (wo/I-66)	2030 LOS Option 3 (w/I-66)	2030 LOS Option 3 (wo/I-66)
KY 55	KY 429	21%	4%	21%	21%	-	D	B	A	A	D	D
KY 429	KY 49	21%	4%	21%	21%	-	D	A	A	A	D	D
KY 49	US 68	21%	4%	21%	21%	-	E	C	A	A	D	D

Source: KYTC's Highway Information System (HIS) database; 2003 ADT data from KYTC's Highway Information System (HIS) database on 05/13/2003; 2030 Data by Jordan, Jones and Goulding, Inc. on 02/02/04

Traffic and Geometric Data
Marion County
KY 55, MP 0 to MP 4.669
 Adair, Green, Taylor, Marion, Nelson, & Washington Counties, Item No. 4-132.00
 Heartland Parkway from Louie B. Nunn Cumberland Parkway to Martha Layne Collins Blue Grass Parkway

Functional Classification	Urban Principal Arterial & Rural Principal Arterial
State System	State Primary
National Truck Network	Yes
NHS	No
Truck Weight Class	AAA
Type of Road	Undivided
Type of Terrain	Rolling
Number of Bridges	1
Pavement Type	Flexible Over Rigid & Highly Flexible

Appalachian Dev. Highway System	No
Average R/W	Varies
Bike Route System	No
Coal Haul	No
Defense Highway Network	1590
Extended Weight System	No
Forest Highway System	No
Scenic Byway System	No

Begin MP	End MP	Length (Miles)	Annual Growth Rate	2003 ADT	2030 ADT No Imp.	2030 ADT Option 1	2030 ADT Option 2 (w/I-66)	2030 ADT Option 2 (wo/I-66)	2030 ADT Option 3 (w/I-66)	2030 ADT Option 3 (wo/I-66)	2003% Trucks	2030 % Trucks No Imp.	2030 % Trucks Option 1	2030 % Trucks Option 2	2030 % Trucks Option 3	Number of Lanes
0	0.389	0.389	-	13,100	19,000	18,700	19,000	19,000	19,000	19,000	7.6%	12%	2%	12%	12%	4
0.389	0.567	0.178	-	13,400	19,000	18,700	19,000	19,000	19,000	19,000	7.5%	11%	2%	11%	11%	4
0.567	0.57	0.003	-	13,300	19,000	18,700	19,000	19,000	19,000	19,000	7.5%	11%	2%	11%	11%	4
0.57	0.784	0.214	-	12,500	16,000	15,700	16,000	16,000	16,000	16,000	8.0%	12%	2%	12%	12%	2
0.784	1.358	0.574	-	12,000	13,600	13,300	13,600	13,600	13,600	13,600	8.3%	13%	3%	13%	13%	4
1.358	2.023	0.665	-	9,700	11,300	11,000	11,300	11,300	11,300	11,300	10.3%	16%	3%	16%	16%	2
2.023	4.669	2.646	3.0%	8,500	18,900	12,400	25,000	24,500	22,000	21,500	8.8%	13%	3%	13%	13%	2

Source: KYTC's Highway Information System (HIS) d'base; 2003 ADT data from KYTC's Highway Information System (HIS) d'base on 05/13/2003; 2030 Data by Jordan, Jones and Goulding, Inc. on 02/02/04

Traffic and Geometric Data

Marion County

KY 55, MP 0 to MP 4.669

Adair, Green, Taylor, Marion, Nelson, & Washington Counties, Item No. 4-132.00

Heartland Parkway from Louie B. Nunn Cumberland Parkway to Martha Layne Collins Blue Grass Parkway

Begin MP	End MP	Lane Width (Feet)	Shoulder Width (Feet)	Passing % Sight Distance	Speed Limit (MPH)	2003 LOS	2030 LOS No Imp.	2030 LOS Option 1	2030 LOS Option 2 (w/I-66)	2030 LOS Option 2 (wo/I-66)	2030 LOS Option 3 (w/I-66)	2030 LOS Option 3 (wo/I-66)
0	0.389	12	0	-	35	B	C	C	C	C	C	C
0.389	0.567	10	0	-	35	B	C	C	C	C	C	C
0.567	0.57	12	0	-	35	B	C	C	C	C	C	C
0.57	0.784	17	0	-	35	C	C	C	C	C	C	C
0.784	1.358	13	0	-	55	A	A	A	A	A	A	A
1.358	2.023	12	0	-	55	D	D	D	D	D	D	D
2.023	4.669	12	10	0	55	D	E	E	C	C	E	E

Source: KYTC's *Highway Information System (HIS)* d'base; 2003 ADT data from KYTC's *Highway Information System (HIS)* d'base on 05/13/2003; 2030 Data by Jordan, Jones and Goulding, Inc. on 02/02/04

Traffic and Geometric Data
Washington County
KY 55, MP 0 to MP 4.551
 Adair, Green, Taylor, Marion, Nelson, & Washington Counties, Item No. 4-132.00
 Heartland Parkway from Louie B. Nunn Cumberland Parkway to Martha Layne Collins Blue Grass Parkway

Functional Classification	Rural Principal Arterial
State System	State Primary
National Truck Network	Yes
NHS	No
Truck Weight Class	AAA
Type of Road	Undivided
Type of Terrain	Rolling
Number of Bridges	1
Pavement Type	High Flexible

Appalachian Dev. Highway System	No
Average R/W	100
Bike Route System	No
Coal Haul	No
Defense Highway Network	1590
Extended Weight System	No
Forest Highway System	No
Scenic Byway System	No

Begin MP	End MP	Length (Miles)	Annual Growth Rate	2003 ADT	2030 ADT No Imp.	2030 ADT Option 1	2030 ADT Option 2 (w/I-66)	2030 ADT Option 2 (wo/I-66)	2030 ADT Option 3 (w/I-66)	2030 ADT Option 3 (wo/I-66)	2003% Trucks	2030 % Trucks No Imp.	2030 % Trucks Option 1	2030 % Trucks Option 2	2030 % Trucks Option 3	Number of Lanes
0	2.803	2.803	3.0%	8,500	18,900	12,400	25,000	24,500	22,000	21,500	8.80%	13%	3%	13%	13%	2
2.803	4.55	1.748	3.0%	7,600	16,900	10,400	22,400	21,900	19,700	19,200	9.20%	14%	3%	14%	14%	2

Begin MP	End MP	Lane Width (Feet)	Shoulder Width (Feet)	Passing % Sight Distance	Speed Limit (MPH)	2003 LOS	2030 LOS No Imp.	2030 LOS Option 1	2030 LOS Option 2 (w/I-66)	2030 LOS Option 2 (wo/I-66)	2030 LOS Option 3 (w/I-66)	2030 LOS Option 3 (wo/I-66)
0	2.803	12	10	0	55	D	E	E	C	C	E	E
2.803	4.55	12	10	0	55	D	E	D	C	C	E	E

Source: KYTC's Highway Information System (HIS) database; 2003 ADT data from KYTC's Highway Information System (HIS) database on 05/13/2003; 2030 Data by Jordan, Jones and Goulding, Inc. on 02/02/04

Traffic and Geometric Data
Washington County
KY 555, MP 0 to MP 14.738
 Adair, Green, Taylor, Marion, Nelson, & Washington Counties, Item No. 4-132.00
 Heartland Parkway from Louie B. Nunn Cumberland Parkway to Martha Layne Collins Blue Grass Parkway

Functional Classification	Rural Principal Arterial
State System	State Primary
National Truck Network	Yes
NHS	No
Truck Weight Class	AAA
Type of Road	Undivided
Type of Terrain	Rolling
Number of Bridges	5
Pavement Type	High Flexible

Appalachian Dev. Highway System	No
Average R/W	100
Bike Route System	No
Coal Haul	No
Defense Highway Network	1595
Extended Weight System	No
Forest Highway System	No
Scenic Byway System	No

Begin MP	End MP	Length (Miles)	Annual Growth Rate	2003 ADT	2030 ADT No Imp.	2030 ADT Option1	2030 ADT Option 2 (w/I-66)	2030 ADT Option 2 (wo/I-66)	2030 ADT Option 3 (w/I-66)	2030 ADT Option 3 (wo/I-66)	2003% Trucks	2030 % Trucks No Imp.	2030 % Trucks Option 1	2030 % Trucks Option 2	2030 % Trucks Option 3	Number of Lanes
0	0.841	0.841	1.4%	6,700	9,800	6,800	19,400	19,300	17,100	17,000	10.4%	16%	3%	16%	16%	2
0.841	2.1	1.259	2.6%	4,800	9,600	6,600	13,900	13,800	12,300	12,200	13.5%	21%	4%	21%	21%	2
2.1	6.215	4.115	3.0%	4,700	10,400	7,400	13,700	13,600	12,000	11,900	13.8%	21%	4%	21%	21%	2
6.215	10.38	4.165	3.0%	3,200	7,100	4,100	9,300	9,200	8,200	8,100	20.3%	31%	6%	31%	31%	2
10.38	14.738	4.358	3.0%	3,700	8,200	5,200	10,800	10,700	9,500	9,400	17.6%	27%	5%	27%	27%	2

Begin MP	End MP	Lane Width (Feet)	Shoulder Width (Feet)	Passing % Sight Distance	Speed Limit (MPH)	2003 LOS	2030 LOS No Imp.	2030 LOS Option 1	2030 LOS Option 2 (w/I-66)	2030 LOS Option 2 (wo/I-66)	2030 LOS Option 3 (w/I-66)	2030 LOS Option 3 (wo/I-66)
0	0.841	12	12	-	55	C	E	C	B	B	E	E
0.841	2.1	12	12	100	55	B	D	B	B	B	D	D
2.1	6.215	12	12	32	55	C	D	D	A	A	D	D
6.215	10.38	12	10	Varies	55	C	D	C	A	A	D	D
10.38	14.738	12	10	60	55	C	D	C	A	A	D	D

Source: KYTC's Highway Information System (HIS) d'base; 2003 ADT data from KYTC's Highway Information System (HIS) d'base on 05/13/2003; 2030 Data by Jordan, Jones and Gouling, Inc. on 02/02/04

**Crash Data Analysis
Adair County
Segment Analysis**

Adair, Green, Taylor, Marion, Nelson, & Washington Counties, Item No. 4-132.00
Heartland Parkway from Louie B. Nunn Cumberland Parkway to Martha Layne Collins Blue Grass Parkway

Adair County

Route	Begin MP	End MP	Length (miles)	2002 ADT	Number of Lanes	Divided/ Undivided	Rural/ Urban	Avg. Acc. Rate	Critical Rate Factor	Accidents				HMVM	Rates per HMVM				Critical Rate Factor
										Fatal	Injury	PDO	Total		Fatal	Injury	PDO	Total	
KY 55	10.059	10.159	0.100	10,700	2	Undivided	Rural	252	540.473	0	1	3	4	0.02	0.00	42.67	128.02	170.70	0.32
KY 55	10.159	10.316	0.157	10,700	2	Undivided	Rural	252	478.788	0	1	10	11	0.04	0.00	27.18	271.81	299.00	0.62
KY 55	10.316	10.44	0.124	22,300	2	Undivided	Rural	252	426.430	0	3	12	15	0.06	0.00	49.54	198.16	247.70	0.58
KY 55	10.44	10.614	0.174	25,700	2	Undivided	Rural	252	387.778	0	9	42	51	0.10	0.00	91.90	428.87	520.77	1.34
KY 55	10.614	10.768	0.154	25,400	2	Undivided	Rural	252	397.553	0	1	21	22	0.09	0.00	11.67	245.14	256.82	0.65
KY 55	10.768	11.151	0.383	15,300	2	Undivided	Rural	252	370.047	1	3	26	30	0.13	7.79	23.38	202.60	233.77	0.63
KY 55	11.151	11.188	0.037	28,600	2	Undivided	Rural	252	542.197	0	0	5	5	0.02	0.00	0.00	215.75	215.75	0.40
KY 55	11.188	11.313	0.125	15,400	2	Undivided	Rural	252	463.023	0	3	8	11	0.04	0.00	71.16	189.76	260.93	0.56
KY 55	11.313	11.519	0.206	16,200	2	Undivided	Rural	252	410.104	0	6	9	15	0.07	0.00	82.10	123.14	205.24	0.50
KY 55	11.519	11.757	0.238	14,100	2	Undivided	Rural	252	409.647	0	3	10	13	0.07	0.00	40.82	136.07	176.89	0.43
KY 55	11.757	12.9	1.143	12,000	2	Undivided	Rural	252	328.277	3	13	18	34	0.30	9.99	43.28	59.92	113.19	0.34
KY 55	12.9	18.706	5.806	7,710	2	Undivided	Rural	252	293.811	0	9	36	45	0.98	0.00	9.18	36.72	45.90	0.16

Source: KYTC's *Highway Information System (HIS)* database; Kentucky Transportation Center's *Analysis of Traffic Accident Data in Kentucky (1997-2002)* report; 2002 ADT data from KYTC's *Highway Information System (HIS)* database on 05/13/2003

Crash Data Analysis

Taylor County

Segment Analysis

Adair, Green, Taylor, Marion, Nelson, & Washington Counties, Item No. 4-132.00

Heartland Parkway from Louie B. Nunn Cumberland Parkway to Martha Layne Collins Blue Grass Parkway

Taylor County

Route	Begin MP	End MP	Length (miles)	2002 ADT	Number of Lanes	Divided/Undivided	Rural/Urban	Avg. Acc. Rate	Critical Rate Factor	Accidents				HMVM	Rates per HMVM				Critical Rate Factor
										Fatal	Injury	PDO	Total		Fatal	Injury	PDO	Total	
KY 55	0	0.665	0.665	7,330	2	Undivided	Rural	252	381.843	1	5	19	25	0.11	9.37	46.84	177.99	234.19	0.61
KY 55	0.665	5.4	4.735	7,290	2	Undivided	Rural	252	299.694	0	13	37	50	0.76	0.00	17.20	48.95	66.14	0.22
KY 55	5.4	6.546	1.146	8,190	2	Undivided	Rural	252	344.629	1	8	22	31	0.21	4.87	38.92	107.03	150.82	0.44
KY 55	6.546	8.003	1.457	10,600	2	Undivided	Rural	252	323.792	0	9	12	21	0.34	0.00	26.61	35.48	62.09	0.19
KY 55	8.003	9.066	1.063	10,900	2	Undivided	Urban	308	399.717	0	4	6	10	0.25	0.00	15.76	23.65	39.41	0.10
KY 55	9.066	10.293	1.227	9,290	2	Undivided	Urban	308	400.486	0	7	25	32	0.25	0.00	28.04	100.15	128.19	0.32

Route	Begin MP	End MP	Length (miles)	2002 ADT	Number of Lanes	Divided/Undivided	Rural/Urban	Avg. Acc. Rate	Critical Rate Factor	Accidents				HMVM	Rates per HMVM				Critical Rate Factor
										Fatal	Injury	PDO	Total		Fatal	Injury	PDO	Total	
US 68	4.87	5.553	0.683	17,400	4	Divided	Urban	307	397.394	0	8	28	36	0.16	0.00	50.00	175.00	225.00	0.57
US 68	5.553	5.687	0.134	18,000	4	Divided	Urban	307	512.849	0	7	33	40	0.05	0.00	140.00	660.00	800.00	1.56
US 68	5.687	5.807	0.120	24,200	4	Undivided	Urban	500	736.270	0	6	31	37	0.02	0.00	300.00	1550.00	1850.00	2.51
US 68	5.807	5.923	0.116	22,700	4	Undivided	Urban	500	748.535	0	8	27	35	0.04	0.00	200.00	675.00	875.00	1.17
US 68	5.923	6.442	0.519	20,500	4	Undivided	Urban	500	621.475	0	15	48	63	0.16	0.00	93.75	300.00	393.75	0.63
US 68	6.442	6.703	0.261	17,300	4	Undivided	Urban	500	688.231	0	3	11	14	0.06	0.00	50.00	183.33	233.33	0.34
US 68	6.703	7.091	0.388	18,500	4	Undivided	Urban	500	648.461	0	3	14	17	0.10	0.00	30.00	140.00	170.00	0.26
US 68	7.091	7.404	0.313	12,200	4	Undivided	Urban	500	705.164	0	1	7	8	0.06	0.00	16.67	116.67	133.33	0.19
US 68	7.404	8.6	1.196	9,410	2	Undivided	Urban	308	401.091	0	3	10	13	0.17	0.00	17.65	58.82	76.47	0.19
US 68	8.6	9.404	0.804	8,520	2	Undivided	Rural	252	360.912	0	2	5	7	0.11	0.00	18.18	45.45	63.64	0.18
US 68	9.404	11.879	2.475	8,170	2	Undivided	Rural	252	314.580	0	3	8	11	0.28	0.00	10.71	28.57	39.29	0.12
US 68	11.879	13.33	1.451	6,450	2	Undivided	Rural	252	344.765	2	7	9	18	0.16	12.50	43.75	56.25	112.50	0.33

Source: KYTC's *Highway Information System (HIS)* database; Kentucky Transportation Center's *Analysis of Traffic Accident Data in Kentucky (1997-2002)* report;

**Crash Data Analysis
Marion County
Segment Analysis**

Adair, Green, Taylor, Marion, Nelson, & Washington Counties, Item No. 4-132.00
Heartland Parkway from Louie B. Nunn Cumberland Parkway to Martha Layne Collins Blue Grass Parkway

Marion County

Route	Begin MP	End MP	Length (miles)	2002 ADT	Number of Lanes	Divided/Undivided	Rural/Urban	Avg. Acc. Rate	Critical Rate Factor	Accidents				HMVM	Rates per HMVM				Critical Rate Factor
										Fatal	Injury	PDO	Total		Fatal	Injury	PDO	Total	
US 68	0	3.9	3.900	6,450	2	Undivided	Rural	252	308.003	0	33	76	109	0.42	0.00	78.57	180.95	259.52	0.84
US 68	3.9	6.54	2.640	6,580	2	Undivided	Rural	252	319.614	1	7	12	20	0.21	4.76	33.33	57.14	95.24	0.30
US 68	6.54	8.619	2.079	8,380	2	Undivided	Rural	252	319.513	1	9	10	20	0.24	4.17	37.50	41.67	83.33	0.26
US 68	8.619	9.319	0.700	11,200	2	Undivided	Rural	252	353.601	1	4	8	13	0.11	9.09	36.36	72.73	118.18	0.33
US 68	9.319	9.864	0.545	11,900	2	Undivided	Rural	252	364.026	0	4	25	29	0.10	0.00	40.00	250.00	290.00	0.80
US 68	9.864	10.69	0.826	17,400	2	Divided	Urban	308	390.170	0	20	76	96	0.21	0.00	95.24	361.90	457.14	1.17

Route	Begin MP	End MP	Length (miles)	2002 ADT	Number of Lanes	Divided/Undivided	Rural/Urban	Avg. Acc. Rate	Critical Rate Factor	Accidents				HMVM	Rates per HMVM				Critical Rate Factor
										Fatal	Injury	PDO	Total		Fatal	Injury	PDO	Total	
KY 55	0	0.389	0.389	13,100	4	Undivided	Urban	500	676.905	0	29	51	80	0.07	0.00	414.29	728.57	1142.86	1.69
KY 55	0.389	0.57	0.181	12,000	4	Undivided	Urban	500	774.618	0	6	22	28	0.03	0.00	200.00	733.33	933.33	1.20
KY 55	0.57	0.784	0.214	12,500	2	Undivided	Urban	308	503.318	0	2	8	10	0.04	0.00	50.00	200.00	250.00	0.50
KY 55	0.784	1.358	0.574	12,000	4	Undivided	Urban	500	651.622	0	1	14	15	0.10	0.00	10.00	140.00	150.00	0.23
KY 55	1.358	2.023	0.665	8,960	2	Undivided	Rural	252	369.035	0	2	2	4	0.09	0.00	22.22	22.22	44.44	0.12
KY 55	2.023	4.569	2.546	8,370	2	Undivided	Rural	252	312.931	0	3	10	13	0.32	0.00	9.38	31.25	40.63	0.13

Source: KYTC's *Highway Information System (HIS)* database; Kentucky Transportation Center's *Analysis of Traffic Accident Data in Kentucky (1997-2002)* report; 2002 ADT data from KYTC's *Highway Information System (HIS)* database on 05/13/2003

**Crash Data Analysis
Washington County
Segment Analysis**

Adair, Green, Taylor, Marion, Nelson, & Washington Counties, Item No. 4-132.00
Heartland Parkway from Louie B. Nunn Cumberland Parkway to Martha Layne Collins Blue Grass Parkway

Washington County

Route	Begin MP	End MP	Length (miles)	2002 ADT	Number of Lanes	Divided/Undivided	Rural/Urban	Avg. Acc. Rate	Critical Rate Factor	Accidents				HMVM	Rates per HMVM				Critical Rate Factor
										Fatal	Injury	PDO	Total		Fatal	Injury	PDO	Total	
KY 55	0	2.803	2.803	8,500	2	Undivided	Rural	252	309.570	2	15	23	40	0.35	5.71	42.86	65.71	114.29	0.37
KY 55	2.803	4.551	1.748	7,630	2	Undivided	Rural	252	329.376	0	3	21	24	0.19	0.00	15.79	110.53	126.32	0.38

Route	Begin MP	End MP	Length (miles)	2002 ADT	Number of Lanes	Divided/Undivided	Rural/Urban	Avg. Acc. Rate	Critical Rate Factor	Accidents				HMVM	Rates per HMVM				Critical Rate Factor
										Fatal	Injury	PDO	Total		Fatal	Injury	PDO	Total	
KY 555	0	0.841	0.841	6,700	2	Undivided	Rural	252	372.461	0	16	24	40	0.08	0.00	200.00	300.00	500.00	1.34
KY 555	0.841	2.075	1.234	4,830	2	Undivided	Rural	252	369.017	0	1	0	1	0.09	0.00	11.11	0.00	11.11	0.03
KY 555	2.075	6.215	4.140	4,690	2	Undivided	Rural	252	315.886	0	2	7	9	0.28	0.00	7.14	25.00	32.14	0.10
KY 555	6.215	10.7	4.485	3,230	2	Undivided	Rural	252	326.177	0	3	4	7	0.2	0.00	15.00	20.00	35.00	0.11
KY 555	10.7	14.523	3.823	3,710	2	Undivided	Rural	252	326.982	0	11	8	19	0.24	0.00	45.83	33.33	79.17	0.24

Source: KYTC's *Highway Information System (HIS)* database; Kentucky Transportation Center's *Analysis of Traffic Accident Data in Kentucky (1997-2002)* report; 2002 ADT data from KYTC's *Highway Information System (HIS)* database on 05/13/2003

Crash Data Analysis

Adair County Spot Analysis

Adair, Green, Taylor, Marion, Nelson, & Washington Counties, Item No. 4-132.00
Heartland Parkway from Louie B. Nunn Cumberland Parkway to Martha Layne Collins Blue Grass Parkway

Adair County

Route	Begin MP	End MP	Length (miles)	2002 ADT	Number of Lanes	Divided/ Undivided	Rural/ Urban	Avg. Acc. Rate	Critical Acc. Rate	Accidents				MVM	Rates per MVM				Critical Rate Factor
										Fatal	Injury	PDO	Total		Fatal	Injury	PDO	Total	
KY 55	10.059	10.159	0.100	10,700	2	Undivided	Rural	0.25	0.537	0	1	3	4	23.43	0.00	0.04	0.13	0.17	0.32
KY 55	10.259	10.359	0.100	10,700	2	Undivided	Rural	0.25	0.537	0	2	12	14	23.43	0.00	0.09	0.51	0.60	1.11
KY 55	10.370	10.470	0.100	22,300	2	Undivided	Rural	0.25	0.445	0	2	12	14	48.84	0.00	0.04	0.25	0.29	0.64
KY 55	10.480	10.580	0.100	25,700	2	Undivided	Rural	0.25	0.431	0	8	18	26	56.28	0.00	0.14	0.32	0.46	1.07
KY 55	10.585	10.685	0.100	25,700	2	Undivided	Rural	0.25	0.431	0	1	25	26	56.28	0.00	0.02	0.44	0.46	1.07
KY 55	10.705	10.805	0.100	15,300	2	Undivided	Rural	0.25	0.487	0	1	24	25	33.51	0.00	0.03	0.72	0.75	1.53
KY 55	10.850	10.950	0.100	15,300	2	Undivided	Rural	0.25	0.487	0	2	1	3	33.51	0.00	0.06	0.03	0.09	0.18
KY 55	10.957	11.057	0.100	15,300	2	Undivided	Rural	0.25	0.487	1	0	8	9	33.51	0.03	0.00	0.24	0.27	0.55
KY 55	11.079	11.179	0.100	15,300	2	Undivided	Rural	0.25	0.487	0	1	10	11	33.51	0.00	0.03	0.30	0.33	0.67
KY 55	11.180	11.280	0.100	28,600	2	Undivided	Rural	0.25	0.421	0	2	11	13	62.63	0.00	0.03	0.18	0.21	0.49
KY 55	11.282	11.382	0.100	15,400	2	Undivided	Rural	0.25	0.487	0	1	3	4	33.73	0.00	0.03	0.09	0.12	0.24
KY 55	11.416	11.516	0.100	16,200	2	Undivided	Rural	0.25	0.480	0	1	3	4	35.48	0.00	0.03	0.08	0.11	0.23
KY 55	11.519	11.619	0.100	14,100	2	Undivided	Rural	0.25	0.498	0	6	8	14	30.88	0.00	0.19	0.26	0.45	0.91
KY 55	11.651	11.751	0.100	14,100	2	Undivided	Rural	0.25	0.498	0	1	4	5	30.88	0.00	0.03	0.13	0.16	0.33
KY 55	11.757	11.857	0.100	14,100	2	Undivided	Rural	0.25	0.498	0	2	7	9	30.88	0.00	0.06	0.23	0.29	0.59
KY 55	11.900	12.000	0.100	12,000	2	Undivided	Rural	0.25	0.520	0	2	1	3	26.28	0.00	0.08	0.04	0.11	0.22
KY 55	12.057	12.157	0.100	12,000	2	Undivided	Rural	0.25	0.520	1	2	1	4	26.28	0.04	0.08	0.04	0.15	0.29
KY 55	12.200	12.300	0.100	12,000	2	Undivided	Rural	0.25	0.520	0	3	6	9	26.28	0.00	0.11	0.23	0.34	0.66
KY 55	12.400	12.500	0.100	12,000	2	Undivided	Rural	0.25	0.520	0	1	2	3	26.28	0.00	0.04	0.08	0.11	0.22

Source: KYTC's *Highway Information System (HIS)* database; Kentucky Transportation Center's *Analysis of Traffic Accident Data in Kentucky (1997-2002)* report; 2002 ADT data from KYTC's *Highway Information System (HIS)* database on 05/13/2003

Crash Data Analysis

Adair County Spot Analysis

Adair, Green, Taylor, Marion, Nelson, & Washington Counties, Item No. 4-132.00
Heartland Parkway from Louie B. Nunn Cumberland Parkway to Martha Layne Collins Blue Grass Parkway

Adair County

Route	Begin MP	End MP	Length (miles)	2002 ADT	Number of Lanes	Divided/ Undivided	Rural/ Urban	Avg. Acc. Rate	Critical Acc. Rate	Accidents				MVM	Rates per MVM				Critical Rate Factor
										Fatal	Injury	PDO	Total		Fatal	Injury	PDO	Total	
KY 55	12.565	12.665	0.100	12,000	2	Undivided	Rural	0.25	0.520	0	1	2	3	26.28	0.00	0.04	0.08	0.11	0.22
KY 55	12.700	12.800	0.100	12,000	2	Undivided	Rural	0.25	0.520	0	0	4	4	26.28	0.00	0.00	0.15	0.15	0.29
KY 55	12.819	12.919	0.100	7,710	2	Undivided	Rural	0.25	0.593	2	1	1	4	16.88	0.12	0.06	0.06	0.24	0.40
KY 55	12.949	13.049	0.100	7,710	2	Undivided	Rural	0.25	0.593	0	0	2	2	16.88	0.00	0.00	0.12	0.12	0.20
KY 55	13.100	13.200	0.100	7,710	2	Undivided	Rural	0.25	0.593	0	0	2	2	16.88	0.00	0.00	0.12	0.12	0.20
KY 55	13.290	13.390	0.100	7,710	2	Undivided	Rural	0.25	0.593	0	0	1	1	16.88	0.00	0.00	0.06	0.06	0.10
KY 55	13.400	13.500	0.100	7,710	2	Undivided	Rural	0.25	0.593	0	0	1	1	16.88	0.00	0.00	0.06	0.06	0.10
KY 55	13.519	13.619	0.100	7,710	2	Undivided	Rural	0.25	0.593	0	1	0	1	16.88	0.00	0.06	0.00	0.06	0.10
KY 55	13.649	13.749	0.100	7,710	2	Undivided	Rural	0.25	0.593	0	1	1	2	16.88	0.00	0.06	0.06	0.12	0.20
KY 55	14.000	14.100	0.100	7,710	2	Undivided	Rural	0.25	0.593	0	0	3	3	16.88	0.00	0.00	0.18	0.18	0.30
KY 55	14.200	14.300	0.100	7,710	2	Undivided	Rural	0.25	0.593	0	0	2	2	16.88	0.00	0.00	0.12	0.12	0.20
KY 55	14.600	14.700	0.100	7,710	2	Undivided	Rural	0.25	0.593	0	0	1	1	16.88	0.00	0.00	0.06	0.06	0.10
KY 55	14.991	15.091	0.100	7,710	2	Undivided	Rural	0.25	0.593	0	1	0	1	16.88	0.00	0.06	0.00	0.06	0.10
KY 55	15.100	15.200	0.100	7,710	2	Undivided	Rural	0.25	0.593	0	0	1	1	16.88	0.00	0.00	0.06	0.06	0.10
KY 55	15.208	15.308	0.100	7,710	2	Undivided	Rural	0.25	0.593	0	0	1	1	16.88	0.00	0.00	0.06	0.06	0.10
KY 55	15.800	15.900	0.100	7,710	2	Undivided	Rural	0.25	0.593	0	0	1	1	16.88	0.00	0.00	0.06	0.06	0.10
KY 55	16.000	16.100	0.100	7,710	2	Undivided	Rural	0.25	0.593	0	1	1	2	16.88	0.00	0.06	0.06	0.12	0.20
KY 55	16.911	17.011	0.100	7,710	2	Undivided	Rural	0.25	0.593	0	1	2	3	16.88	0.00	0.06	0.12	0.18	0.30
KY 55	17.200	17.300	0.100	7,710	2	Undivided	Rural	0.25	0.593	0	0	2	2	16.88	0.00	0.00	0.12	0.12	0.20

Source: KYTC's *Highway Information System (HIS)* database; Kentucky Transportation Center's *Analysis of Traffic Accident Data in Kentucky (1997-2002)* report; 2002 ADT data from KYTC's *Highway Information System (HIS)* database on 05/13/2003

**Crash Data Analysis
Adair County
Spot Analysis**

Adair, Green, Taylor, Marion, Nelson, & Washington Counties, Item No. 4-132.00
Heartland Parkway from Louie B. Nunn Cumberland Parkway to Martha Layne Collins Blue Grass Parkway

Adair County

Route	Begin MP	End MP	Length (miles)	2002 ADT	Number of Lanes	Divided/Undivided	Rural/Urban	Avg. Acc. Rate	Critical Acc. Rate	Accidents				MVM	Rates per MVM				Critical Rate Factor
										Fatal	Injury	PDO	Total		Fatal	Injury	PDO	Total	
KY 55	17.577	17.677	0.100	7,710	2	Undivided	Rural	0.25	0.593	0	0	1	1	16.88	0.00	0.00	0.06	0.06	0.10
KY 55	17.700	17.800	0.100	7,710	2	Undivided	Rural	0.25	0.593	0	0	1	1	16.88	0.00	0.00	0.06	0.06	0.10
KY 55	18.100	18.200	0.100	7,710	2	Undivided	Rural	0.25	0.593	0	1	1	2	16.88	0.00	0.06	0.06	0.12	0.20
KY 55	18.300	18.400	0.100	7,710	2	Undivided	Rural	0.25	0.593	0	1	3	4	16.88	0.00	0.06	0.18	0.24	0.40
KY 55	18.406	18.506	0.100	7,710	2	Undivided	Rural	0.25	0.593	0	1	2	3	16.88	0.00	0.06	0.12	0.18	0.30
KY 55	18.579	18.679	0.100	7,710	2	Undivided	Rural	0.25	0.593	0	0	3	3	16.88	0.00	0.00	0.18	0.18	0.30
KY 55	18.706	18.806	0.100	7,710	2	Undivided	Rural	0.25	0.593	0	0	1	1	16.88	0.00	0.00	0.06	0.06	0.10

Source: KYTC's *Highway Information System (HIS)* database; Kentucky Transportation Center's *Analysis of Traffic Accident Data in Kentucky (1997-2002)* report; 2002 ADT data from KYTC's *Highway Information System (HIS)* database on 05/13/2003

**Crash Data Analysis
Taylor County
Spot Analysis**

Adair, Green, Taylor, Marion, Nelson, & Washington Counties, Item No. 4-132.00
Heartland Parkway from Louie B. Nunn Cumberland Parkway to Martha Layne Collins Blue Grass Parkway

Taylor County

Route	Begin MP	End MP	Length (miles)	2002 ADT	Number of Lanes	Divided/ Undivided	Rural/ Urban	Avg. Acc. Rate	Critical Acc. Rate	Accidents				MVM	Rates per MVM				Critical Rate Factor
										Fatal	Injury	PDO	Total		Fatal	Injury	PDO	Total	
KY 55	0.000	0.100	0.100	7,330	2	Undivided	Rural	0.25	0.603	0	4	14	18	16.05	0.00	0.25	0.87	1.12	1.86
KY 55	0.775	0.875	0.100	7,290	2	Undivided	Rural	0.25	0.604	0	0	1	1	15.97	0.00	0.00	0.06	0.06	0.10
KY 55	0.975	1.075	0.100	7,290	2	Undivided	Rural	0.25	0.604	1	0	1	2	15.97	0.06	0.00	0.06	0.13	0.21
KY 55	1.500	1.600	0.100	7,290	2	Undivided	Rural	0.25	0.604	0	1	1	2	15.97	0.00	0.06	0.06	0.13	0.21
KY 55	1.665	1.765	0.100	7,290	2	Undivided	Urban	0.29	0.669	0	0	2	2	15.97	0.00	0.00	0.13	0.13	0.19
KY 55	1.900	2.000	0.100	7,290	2	Undivided	Urban	0.29	0.669	0	0	2	2	15.97	0.00	0.00	0.13	0.13	0.19
KY 55	2.031	2.131	0.100	7,290	2	Undivided	Rural	0.25	0.604	0	1	3	4	15.97	0.00	0.06	0.19	0.25	0.42
KY 55	2.165	2.265	0.100	7,290	2	Undivided	Rural	0.25	0.604	0	2	6	8	15.97	0.00	0.13	0.38	0.50	0.83
KY 55	2.283	2.383	0.100	7,290	2	Undivided	Rural	0.25	0.604	0	1	1	2	15.97	0.00	0.06	0.06	0.13	0.21
KY 55	2.500	2.600	0.100	7,290	2	Undivided	Rural	0.25	0.604	0	1	1	2	15.97	0.00	0.06	0.06	0.13	0.21
KY 55	2.665	2.765	0.100	7,290	2	Undivided	Rural	0.25	0.604	0	0	3	3	15.97	0.00	0.00	0.19	0.19	0.31
KY 55	2.800	2.900	0.100	7,290	2	Undivided	Rural	0.25	0.604	0	1	2	3	15.97	0.00	0.06	0.13	0.19	0.31
KY 55	3.019	3.119	0.100	7,290	2	Undivided	Rural	0.25	0.604	0	0	1	1	15.97	0.00	0.00	0.06	0.06	0.10
KY 55	3.192	3.292	0.100	7,290	2	Undivided	Rural	0.25	0.604	0	1	2	3	15.97	0.00	0.06	0.13	0.19	0.31
KY 55	3.300	3.400	0.100	7,290	2	Undivided	Rural	0.25	0.604	0	2	2	4	15.97	0.00	0.13	0.13	0.25	0.42
KY 55	3.500	3.600	0.100	7,290	2	Undivided	Rural	0.25	0.604	0	1	2	3	15.97	0.00	0.06	0.13	0.19	0.31
KY 55	3.608	3.708	0.100	7,290	2	Undivided	Rural	0.25	0.604	0	0	1	1	15.97	0.00	0.00	0.06	0.06	0.10
KY 55	3.908	4.008	0.100	7,290	2	Undivided	Rural	0.25	0.604	0	0	1	1	15.97	0.00	0.00	0.06	0.06	0.10
KY 55	4.208	4.308	0.100	7,290	2	Undivided	Rural	0.25	0.604	0	0	4	4	15.97	0.00	0.00	0.25	0.25	0.42

Source: KYTC's *Highway Information System (HIS)* database; Kentucky Transportation Center's *Analysis of Traffic Accident Data in Kentucky (1997-2002)* report; 2002 ADT data from KYTC's *Highway Information System (HIS)* database on 05/13/2003

**Crash Data Analysis
Taylor County
Spot Analysis**

Adair, Green, Taylor, Marion, Nelson, & Washington Counties, Item No. 4-132.00
Heartland Parkway from Louie B. Nunn Cumberland Parkway to Martha Layne Collins Blue Grass Parkway

Taylor County

Route	Begin MP	End MP	Length (miles)	2002 ADT	Number of Lanes	Divided/Undivided	Rural/Urban	Avg. Acc. Rate	Critical Acc. Rate	Accidents				MVM	Rates per MVM				Critical Rate Factor
										Fatal	Injury	PDO	Total		Fatal	Injury	PDO	Total	
KY 55	4.504	4.604	0.100	7,290	2	Undivided	Rural	0.25	0.604	0	1	1	2	15.97	0.00	0.06	0.06	0.13	0.21
KY 55	5.000	5.100	0.100	7,290	2	Undivided	Rural	0.25	0.604	0	0	1	1	15.97	0.00	0.00	0.06	0.06	0.10
KY 55	5.200	5.300	0.100	7,290	2	Undivided	Rural	0.25	0.604	0	0	1	1	15.97	0.00	0.00	0.06	0.06	0.10
KY 55	5.304	5.404	0.100	7,290	2	Undivided	Rural	0.25	0.604	0	2	2	4	15.97	0.00	0.13	0.13	0.25	0.42
KY 55	5.500	5.600	0.100	8,190	2	Undivided	Urban	0.29	0.645	0	0	1	1	17.94	0.00	0.00	0.06	0.06	0.09
KY 55	5.680	5.780	0.100	8,190	2	Undivided	Urban	0.29	0.645	0	1	5	6	17.94	0.00	0.06	0.28	0.33	0.52
KY 55	5.800	5.900	0.100	8,190	2	Undivided	Rural	0.25	0.582	0	1	3	4	17.94	0.00	0.06	0.17	0.22	0.38
KY 55	5.934	6.034	0.100	8,190	2	Undivided	Rural	0.25	0.582	0	0	2	2	17.94	0.00	0.00	0.11	0.11	0.19
KY 55	6.057	6.157	0.100	8,190	2	Undivided	Rural	0.25	0.582	0	0	2	2	17.94	0.00	0.00	0.11	0.11	0.19
KY 55	6.186	6.286	0.100	8,190	2	Undivided	Rural	0.25	0.582	0	1	4	5	17.94	0.00	0.06	0.22	0.28	0.48
KY 55	6.346	6.446	0.100	8,190	2	Undivided	Rural	0.25	0.582	0	0	2	2	17.94	0.00	0.00	0.11	0.11	0.19
KY 55	6.479	6.579	0.100	8,190	2	Undivided	Rural	0.25	0.582	1	5	3	9	17.94	0.06	0.28	0.17	0.50	0.86
KY 55	6.772	6.872	0.100	10,600	2	Undivided	Rural	0.25	0.539	0	0	2	2	23.21	0.00	0.00	0.09	0.09	0.16
KY 55	6.900	7.000	0.100	10,600	2	Undivided	Rural	0.25	0.539	0	3	1	4	23.21	0.00	0.13	0.04	0.17	0.32
KY 55	7.038	7.138	0.100	10,600	2	Undivided	Rural	0.25	0.539	0	1	1	2	23.21	0.00	0.04	0.04	0.09	0.16
KY 55	7.170	7.270	0.100	10,600	2	Undivided	Rural	0.25	0.539	0	0	1	1	23.21	0.00	0.00	0.04	0.04	0.08
KY 55	7.366	7.466	0.100	10,600	2	Undivided	Rural	0.25	0.539	0	0	1	1	23.21	0.00	0.00	0.04	0.04	0.08
KY 55	7.500	7.600	0.100	10,600	2	Undivided	Rural	0.25	0.539	0	0	2	2	23.21	0.00	0.00	0.09	0.09	0.16
KY 55	7.603	7.703	0.100	10,600	2	Undivided	Rural	0.25	0.539	0	2	1	3	23.21	0.00	0.09	0.04	0.13	0.24

Source: KYTC's *Highway Information System (HIS)* database; Kentucky Transportation Center's *Analysis of Traffic Accident Data in Kentucky (1997-2002)* report; 2002 ADT data from KYTC's *Highway Information System (HIS)* database on 05/13/2003

**Crash Data Analysis
Taylor County
Spot Analysis**

Adair, Green, Taylor, Marion, Nelson, & Washington Counties, Item No. 4-132.00
Heartland Parkway from Louie B. Nunn Cumberland Parkway to Martha Layne Collins Blue Grass Parkway

Taylor County

Route	Begin MP	End MP	Length (miles)	2002 ADT	Number of Lanes	Divided/Undivided	Rural/Urban	Avg. Acc. Rate	Critical Acc. Rate	Accidents				MVM	Rates per MVM				Critical Rate Factor
										Fatal	Injury	PDO	Total		Fatal	Injury	PDO	Total	
KY 55	7.903	8.003	0.100	10,600	2	Undivided	Rural	0.25	0.539	0	3	3	6	23.21	0.00	0.13	0.13	0.26	0.48
KY 55	8.005	8.105	0.100	10,900	2	Undivided	Rural	0.25	0.535	0	0	2	2	23.87	0.00	0.00	0.08	0.08	0.16
KY 55	8.700	8.800	0.100	10,900	2	Undivided	Rural	0.25	0.535	0	1	1	2	23.87	0.00	0.04	0.04	0.08	0.16
KY 55	8.803	8.903	0.100	10,900	2	Undivided	Rural	0.25	0.535	0	2	0	2	23.87	0.00	0.08	0.00	0.08	0.16
KY 55	8.966	9.066	0.100	10,900	2	Undivided	Urban	0.25	0.535	0	1	3	4	23.87	0.00	0.04	0.13	0.17	0.31
KY 55	9.007	9.107	0.100	9,290	2	Undivided	Urban	0.25	0.560	0	5	6	11	20.35	0.00	0.25	0.29	0.54	0.97
KY 55	9.200	9.300	0.100	9,290	2	Undivided	Rural	0.25	0.560	0	0	2	2	20.35	0.00	0.00	0.10	0.10	0.18
KY 55	9.600	9.700	0.100	9,290	2	Undivided	Rural	0.25	0.560	0	0	2	2	20.35	0.00	0.00	0.10	0.10	0.18
KY 55	10.140	10.240	0.100	9,290	2	Undivided	Rural	0.25	0.560	0	0	3	3	20.35	0.00	0.00	0.15	0.15	0.26
KY 55	10.293	10.393	0.100	9,290	2	Undivided	Rural	0.25	0.560	0	2	12	14	20.35	0.00	0.10	0.59	0.69	1.23

Route	Begin MP	End MP	Length (miles)	2002 ADT	Number of Lanes	Divided/Undivided	Rural/Urban	Avg. Acc. Rate	Critical Acc. Rate	Accidents				HMVM	Rates per HMVM				Critical Rate Factor
										Fatal	Injury	PDO	Total		Fatal	Injury	PDO	Total	
US 68	4.870	4.970	0.100	17,400	4	Divided	Urban	0.29	0.528	0	8	23	31	38.11	0.00	0.21	0.60	0.81	1.54
US 68	5.009	5.109	0.100	17,400	4	Divided	Urban	0.29	0.528	0	1	0	1	38.11	0.00	0.03	0.00	0.03	0.05
US 68	5.187	5.287	0.100	17,400	4	Divided	Urban	0.29	0.528	0	0	1	1	38.11	0.00	0.00	0.03	0.03	0.05
US 68	5.300	5.400	0.100	17,400	4	Divided	Urban	0.29	0.528	0	0	1	1	38.11	0.00	0.00	0.03	0.03	0.05
US 68	5.484	5.584	0.100	17,400	4	Divided	Urban	0.29	0.528	0	0	2	2	38.11	0.00	0.00	0.05	0.05	0.10
US 68	5.587	5.687	0.100	18,000	4	Divided	Urban	0.29	0.524	0	7	33	40	39.42	0.00	0.18	0.84	1.01	1.94
US 68	5.700	5.800	0.100	24,200	4	Undivided	Urban	0.29	0.490	0	3	24	27	53.00	0.00	0.06	0.45	0.51	1.04

Source: KYTC's *Highway Information System (HIS)* database; Kentucky Transportation Center's *Analysis of Traffic Accident Data in Kentucky (1997-2002)* report; 2002 ADT data from KYTC's *Highway Information System (HIS)* database on 05/13/2003

**Crash Data Analysis
Taylor County
Spot Analysis**

Adair, Green, Taylor, Marion, Nelson, & Washington Counties, Item No. 4-132.00
Heartland Parkway from Louie B. Nunn Cumberland Parkway to Martha Layne Collins Blue Grass Parkway

Taylor County

Route	Begin MP	End MP	Length (miles)	2002 ADT	Number of Lanes	Divided/Undivided	Rural/Urban	Avg. Acc. Rate	Critical Acc. Rate	Accidents				MVM	Rates per MVM				Critical Rate Factor
										Fatal	Injury	PDO	Total		Fatal	Injury	PDO	Total	
US 68	5.807	5.907	0.100	22,700	4	Undivided	Urban	0.49	0.756	0	5	16	21	49.71	0.00	0.10	0.32	0.42	0.56
US 68	5.923	6.023	0.100	20,500	4	Undivided	Urban	0.49	0.770	0	8	37	45	44.90	0.00	0.18	0.82	1.00	1.30
US 68	6.037	6.137	0.100	20,500	4	Undivided	Urban	0.49	0.770	0	4	9	13	44.90	0.00	0.09	0.20	0.29	0.38
US 68	6.160	6.260	0.100	20,500	4	Undivided	Urban	0.49	0.770	0	8	13	21	44.90	0.00	0.18	0.29	0.47	0.61
US 68	6.265	6.365	0.100	20,500	4	Undivided	Urban	0.49	0.770	0	0	3	3	44.90	0.00	0.00	0.07	0.07	0.09
US 68	6.410	6.510	0.100	20,500	4	Undivided	Urban	0.49	0.770	0	1	4	5	44.90	0.00	0.02	0.09	0.11	0.14
US 68	6.542	6.642	0.100	17,300	4	Undivided	Urban	0.49	0.796	0	0	2	2	37.89	0.00	0.00	0.05	0.05	0.07
US 68	6.703	6.803	0.100	18,500	4	Undivided	Urban	0.49	0.786	0	5	18	23	40.52	0.00	0.12	0.44	0.57	0.72
US 68	6.900	7.000	0.100	18,500	4	Undivided	Urban	0.49	0.786	0	1	1	2	40.52	0.00	0.02	0.02	0.05	0.06
US 68	7.032	7.132	0.100	12,200	4	Undivided	Urban	0.49	0.858	0	0	5	5	26.72	0.00	0.00	0.19	0.19	0.22
US 68	7.160	7.260	0.100	12,200	4	Undivided	Urban	0.49	0.858	0	1	1	2	26.72	0.00	0.04	0.04	0.07	0.09
US 68	7.265	7.365	0.100	12,200	4	Undivided	Urban	0.49	0.858	0	0	3	3	26.72	0.00	0.00	0.11	0.11	0.13
US 68	7.404	7.504	0.100	9,410	2	Undivided	Urban	0.29	0.620	0	1	5	6	20.61	0.00	0.05	0.24	0.29	0.47
US 68	7.600	7.700	0.100	9,410	2	Undivided	Urban	0.29	0.620	0	0	1	1	20.61	0.00	0.00	0.05	0.05	0.08
US 68	8.200	8.300	0.100	9,410	2	Undivided	Urban	0.29	0.620	0	0	1	1	20.61	0.00	0.00	0.05	0.05	0.08
US 68	8.330	8.430	0.100	9,410	2	Undivided	Urban	0.29	0.620	0	1	4	5	20.61	0.00	0.05	0.19	0.24	0.39
US 68	8.546	8.646	0.100	9,410	2	Undivided	Urban	0.29	0.620	0	1	0	1	20.61	0.00	0.05	0.00	0.05	0.08

Source: KYTC's *Highway Information System (HIS)* database; Kentucky Transportation Center's *Analysis of Traffic Accident Data in Kentucky (1997-2002)* report; 2002 ADT data from KYTC's *Highway Information System (HIS)* database on 05/13/2003

**Crash Data Analysis
Taylor County
Spot Analysis**

Adair, Green, Taylor, Marion, Nelson, & Washington Counties, Item No. 4-132.00
Heartland Parkway from Louie B. Nunn Cumberland Parkway to Martha Layne Collins Blue Grass Parkway

Taylor County

Route	Begin MP	End MP	Length (miles)	2002 ADT	Number of Lanes	Divided/ Undivided	Rural/ Urban	Avg. Acc. Rate	Critical Acc. Rate	Accidents				MVM	Rates per MVM				Critical Rate Factor
										Fatal	Injury	PDO	Total		Fatal	Injury	PDO	Total	
US 68	8.600	8.700	0.100	9,410	2	Undivided	Urban	0.29	0.620	0	0	3	3	20.61	0.00	0.00	0.15	0.15	0.23
US 68	8.731	8.831	0.100	8,520	2	Undivided	Rural	0.25	0.575	0	0	1	1	18.66	0.00	0.00	0.05	0.05	0.09
US 68	8.924	9.024	0.100	8,520	2	Undivided	Rural	0.25	0.575	0	2	0	2	18.66	0.00	0.11	0.00	0.11	0.19
US 68	9.404	9.504	0.100	8,520	2	Undivided	Rural	0.25	0.575	0	0	1	1	18.66	0.00	0.00	0.05	0.05	0.09
US 68	10.077	10.177	0.100	8,170	2	Undivided	Rural	0.25	0.582	0	1	0	1	17.89	0.00	0.06	0.00	0.06	0.10
US 68	10.204	10.304	0.100	8,170	2	Undivided	Rural	0.25	0.582	0	1	1	2	17.89	0.00	0.06	0.06	0.11	0.19
US 68	10.404	10.504	0.100	8,170	2	Undivided	Rural	0.25	0.582	0	0	1	1	17.89	0.00	0.00	0.06	0.06	0.10
US 68	10.900	11.000	0.100	8,170	2	Undivided	Rural	0.25	0.582	0	0	1	1	17.89	0.00	0.00	0.06	0.06	0.10
US 68	11.200	11.300	0.100	8,170	2	Undivided	Rural	0.25	0.582	0	1	0	1	17.89	0.00	0.06	0.00	0.06	0.10
US 68	11.500	11.600	0.100	8,170	2	Undivided	Rural	0.25	0.582	0	0	1	1	17.89	0.00	0.00	0.06	0.06	0.10
US 68	11.879	11.979	0.100	6,450	2	Undivided	Rural	0.25	0.628	0	1	4	5	14.13	0.00	0.07	0.28	0.35	0.56
US 68	12.080	12.180	0.100	6,450	2	Undivided	Rural	0.25	0.628	0	1	1	2	14.13	0.00	0.07	0.07	0.14	0.23
US 68	12.400	12.500	0.100	6,450	2	Undivided	Rural	0.25	0.628	1	1	1	3	14.13	0.07	0.07	0.07	0.21	0.34
US 68	12.530	12.630	0.100	6,450	2	Undivided	Rural	0.25	0.628	0	0	1	1	14.13	0.00	0.00	0.07	0.07	0.11
US 68	12.900	13.000	0.100	6,450	2	Undivided	Rural	0.25	0.628	0	1	1	2	14.13	0.00	0.07	0.07	0.14	0.23
US 68	13.030	13.130	0.100	6,450	2	Undivided	Rural	0.25	0.628	1	2	4	7	14.13	0.07	0.14	0.28	0.50	0.79
US 68	13.330	13.430	0.100	6,450	2	Undivided	Rural	0.25	0.628	0	0	1	1	14.13	0.00	0.00	0.07	0.07	0.11

Source: KYTC's *Highway Information System (HIS)* database; Kentucky Transportation Center's *Analysis of Traffic Accident Data in Kentucky (1997-2002)* report; 2002 ADT data from KYTC's *Highway Information System (HIS)* database on 05/13/2003

**Crash Data Analysis
Marion County
Spot Analysis**

Adair, Green, Taylor, Marion, Nelson, & Washington Counties, Item No. 4-132.00
Heartland Parkway from Louie B. Nunn Cumberland Parkway to Martha Layne Collins Blue Grass Parkway

Marion County

Route	Begin MP	End MP	Length (miles)	2002 ADT	Number of Lanes	Divided/ Undivided	Rural/ Urban	Avg. Acc. Rate	Critical Acc. Rate	Accidents				MVM	Rates per MVM				Critical Rate Factor
										Fatal	Injury	PDO	Total		Fatal	Injury	PDO	Total	
US 68	0.000	0.100	0.100	6,450	2	Undivided	Rural	0.25	0.628	0	31	63	94	14.13	0.00	2.19	4.46	6.65	10.59
US 68	0.400	0.500	0.100	6,450	2	Undivided	Rural	0.25	0.628	0	2	0	2	14.13	0.00	0.14	0.00	0.14	0.23
US 68	0.900	1.000	0.100	6,450	2	Undivided	Rural	0.25	0.628	0	0	2	2	14.13	0.00	0.00	0.14	0.14	0.23
US 68	1.400	1.500	0.100	6,450	2	Undivided	Rural	0.25	0.628	0	0	2	2	14.13	0.00	0.00	0.14	0.14	0.23
US 68	2.096	2.196	0.100	6,450	2	Undivided	Rural	0.25	0.628	0	0	1	1	14.13	0.00	0.00	0.07	0.07	0.11
US 68	2.497	2.597	0.100	6,450	2	Undivided	Rural	0.25	0.628	0	0	1	1	14.13	0.00	0.00	0.07	0.07	0.11
US 68	2.797	2.897	0.100	6,450	2	Undivided	Rural	0.25	0.628	0	0	2	2	14.13	0.00	0.00	0.14	0.14	0.23
US 68	2.997	3.097	0.100	6,450	2	Undivided	Rural	0.25	0.628	0	0	3	3	14.13	0.00	0.00	0.21	0.21	0.34
US 68	3.600	3.700	0.100	6,450	2	Undivided	Rural	0.25	0.628	0	0	1	1	14.13	0.00	0.00	0.07	0.07	0.11
US 68	3.802	3.902	0.100	6,450	2	Undivided	Rural	0.25	0.628	0	0	2	2	14.13	0.00	0.00	0.14	0.14	0.23
US 68	4.753	4.853	0.100	6,580	2	Undivided	Rural	0.25	0.624	0	1	0	1	14.41	0.00	0.07	0.00	0.07	0.11
US 68	4.903	5.003	0.100	6,580	2	Undivided	Rural	0.25	0.624	0	1	0	1	14.41	0.00	0.07	0.00	0.07	0.11
US 68	5.178	5.278	0.100	6,580	2	Undivided	Rural	0.25	0.624	0	1	2	3	14.41	0.00	0.07	0.14	0.21	0.33
US 68	5.400	5.500	0.100	6,580	2	Undivided	Rural	0.25	0.624	0	0	1	1	14.41	0.00	0.00	0.07	0.07	0.11
US 68	5.678	5.778	0.100	6,580	2	Undivided	Rural	0.25	0.624	0	3	5	8	14.41	0.00	0.21	0.35	0.56	0.89
US 68	5.878	5.978	0.100	6,580	2	Undivided	Rural	0.25	0.624	1	0	1	2	14.41	0.07	0.00	0.07	0.14	0.22
US 68	5.978	6.078	0.100	6,580	2	Undivided	Rural	0.25	0.624	0	1	0	1	14.41	0.00	0.07	0.00	0.07	0.11

Source: KYTC's *Highway Information System (HIS)* database; Kentucky Transportation Center's *Analysis of Traffic Accident Data in Kentucky (1997-2002)* report; 2002 ADT data from KYTC's *Highway Information System (HIS)* database on 05/13/2003

**Crash Data Analysis
Marion County
Spot Analysis**

Adair, Green, Taylor, Marion, Nelson, & Washington Counties, Item No. 4-132.00
Heartland Parkway from Louie B. Nunn Cumberland Parkway to Martha Layne Collins Blue Grass Parkway

Marion County

Route	Begin MP	End MP	Length (miles)	2002 ADT	Number of Lanes	Divided/ Undivided	Rural/ Urban	Avg. Acc. Rate	Critical Acc. Rate	Accidents				MVM	Rates per MVM				Critical Rate Factor
										Fatal	Injury	PDO	Total		Fatal	Injury	PDO	Total	
US 68	6.128	6.228	0.100	6,580	2	Undivided	Rural	0.25	0.624	0	0	1	1	14.41	0.00	0.00	0.07	0.07	0.11
US 68	6.540	6.640	0.100	6,580	2	Undivided	Rural	0.25	0.624	0	0	2	2	14.41	0.00	0.00	0.14	0.14	0.22
US 68	6.740	6.840	0.100	8,380	2	Undivided	Rural	0.25	0.578	0	0	1	1	18.35	0.00	0.00	0.05	0.05	0.09
US 68	7.087	7.187	0.100	8,380	2	Undivided	Rural	0.25	0.578	0	0	1	1	18.35	0.00	0.00	0.05	0.05	0.09
US 68	7.300	7.400	0.100	8,380	2	Undivided	Rural	0.25	0.578	0	2	4	6	18.35	0.00	0.11	0.22	0.33	0.57
US 68	7.687	7.787	0.100	8,380	2	Undivided	Rural	0.25	0.578	0	2	1	3	18.35	0.00	0.11	0.05	0.16	0.28
US 68	8.000	8.100	0.100	8,380	2	Undivided	Rural	0.25	0.578	0	0	1	1	18.35	0.00	0.00	0.05	0.05	0.09
US 68	8.519	8.619	0.100	11,200	2	Undivided	Rural	0.25	0.530	1	4	3	8	24.53	0.04	0.16	0.12	0.33	0.61
US 68	8.700	8.800	0.100	11,200	2	Undivided	Rural	0.25	0.530	0	1	0	1	24.53	0.00	0.04	0.00	0.04	0.08
US 68	8.864	8.964	0.100	11,200	2	Undivided	Rural	0.25	0.530	0	0	2	2	24.53	0.00	0.00	0.08	0.08	0.15
US 68	9.000	9.100	0.100	11,200	2	Undivided	Rural	0.25	0.530	1	3	3	7	24.53	0.04	0.12	0.12	0.29	0.54
US 68	9.250	9.350	0.100	11,200	2	Undivided	Rural	0.25	0.530	0	0	3	3	24.53	0.00	0.00	0.12	0.12	0.23
US 68	9.390	9.490	0.100	11,900	2	Undivided	Rural	0.25	0.521	0	0	4	4	26.06	0.00	0.00	0.15	0.15	0.29
US 68	9.506	9.606	0.100	11,900	2	Undivided	Rural	0.25	0.521	0	0	6	6	26.06	0.00	0.00	0.23	0.23	0.44
US 68	9.652	9.752	0.100	11,900	2	Undivided	Rural	0.25	0.521	0	1	2	3	26.06	0.00	0.04	0.08	0.12	0.22
US 68	9.764	9.864	0.100	11,900	2	Undivided	Rural	0.25	0.521	0	3	13	16	26.06	0.00	0.12	0.50	0.61	1.18
US 68	9.875	9.975	0.100	17,400	2	Divided	Urban	0.29	0.528	0	8	15	23	38.11	0.00	0.21	0.39	0.60	1.14

Source: KYTC's *Highway Information System (HIS)* database; Kentucky Transportation Center's *Analysis of Traffic Accident Data in Kentucky (1997-2002)* report; 2002 ADT data from KYTC's *Highway Information System (HIS)* database on 05/13/2003

**Crash Data Analysis
Marion County
Spot Analysis**

Adair, Green, Taylor, Marion, Nelson, & Washington Counties, Item No. 4-132.00
Heartland Parkway from Louie B. Nunn Cumberland Parkway to Martha Layne Collins Blue Grass Parkway

Marion County

Route	Begin MP	End MP	Length (miles)	2002 ADT	Number of Lanes	Divided/Undivided	Rural/Urban	Avg. Acc. Rate	Critical Acc. Rate	Accidents				MVM	Rates per MVM				Critical Rate Factor
										Fatal	Injury	PDO	Total		Fatal	Injury	PDO	Total	
US 68	9.985	10.085	0.100	17,400	2	Divided	Urban	0.29	0.528	0	0	1	1	38.11	0.00	0.00	0.03	0.03	0.05
US 68	10.090	10.190	0.100	17,400	2	Divided	Urban	0.29	0.528	0	2	7	9	38.11	0.00	0.05	0.18	0.24	0.45
US 68	10.229	10.329	0.100	17,400	2	Divided	Urban	0.29	0.528	0	2	14	16	38.11	0.00	0.05	0.37	0.42	0.80
US 68	10.360	10.460	0.100	17,400	2	Divided	Urban	0.29	0.528	0	3	5	8	38.11	0.00	0.08	0.13	0.21	0.40
US 68	10.502	10.602	0.100	17,400	2	Divided	Urban	0.29	0.528	0	3	8	11	38.11	0.00	0.08	0.21	0.29	0.55
US 68	10.610	10.710	0.100	17,400	2	Divided	Urban	0.29	0.528	0	3	26	29	38.11	0.00	0.08	0.68	0.76	1.44

Route	Begin MP	End MP	Length (miles)	2002 ADT	Number of Lanes	Divided/Undivided	Rural/Urban	Avg. Acc. Rate	Critical Acc. Rate	Accidents				MVM	Rates per HMVM				Critical Rate Factor
										Fatal	Injury	PDO	Total		Fatal	Injury	PDO	Total	
KY 55	0.000	0.100	0.100	13,100	4	Undivided	Urban	0.49	0.844	0	23	35	58	28.69	0.00	0.80	1.22	2.02	2.40
KY 55	0.130	0.230	0.100	13,100	4	Undivided	Urban	0.49	0.844	0	1	5	6	28.69	0.00	0.03	0.17	0.21	0.25
KY 55	0.280	0.380	0.100	13,100	4	Undivided	Urban	0.49	0.844	0	3	6	9	28.69	0.00	0.10	0.21	0.31	0.37
KY 55	0.389	0.489	0.100	12,000	4	Undivided	Urban	0.49	0.861	0	3	18	21	26.28	0.00	0.11	0.68	0.80	0.93
KY 55	0.520	0.620	0.100	12,500	2	Undivided	Urban	0.29	0.573	0	7	18	25	27.38	0.00	0.26	0.66	0.91	1.59
KY 55	0.767	0.867	0.100	12,500	2	Undivided	Urban	0.29	0.573	0	1	7	8	27.38	0.00	0.04	0.26	0.29	0.51
KY 55	1.084	1.184	0.100	12,000	4	Undivided	Urban	0.49	0.861	0	0	3	3	26.28	0.00	0.00	0.11	0.11	0.13
KY 55	1.250	1.350	0.100	12,000	4	Undivided	Urban	0.49	0.861	0	0	5	5	26.28	0.00	0.00	0.19	0.19	0.22
KY 55	1.358	1.458	0.100	12,000	4	Undivided	Urban	0.49	0.861	0	1	3	4	26.28	0.00	0.04	0.11	0.15	0.18

Source: KYTC's *Highway Information System (HIS)* database; Kentucky Transportation Center's *Analysis of Traffic Accident Data in Kentucky (1997-2002)* report; 2002 ADT data from KYTC's *Highway Information System (HIS)* database on 05/13/2003

**Crash Data Analysis
Marion County
Spot Analysis**

Adair, Green, Taylor, Marion, Nelson, & Washington Counties, Item No. 4-132.00
Heartland Parkway from Louie B. Nunn Cumberland Parkway to Martha Layne Collins Blue Grass Parkway

Marion County

Route	Begin MP	End MP	Length (miles)	2002 ADT	Number of Lanes	Divided/ Undivided	Rural/ Urban	Avg. Acc. Rate	Critical Acc. Rate	Accidents				MVM	Rates per MVM				Critical Rate Factor
										Fatal	Injury	PDO	Total		Fatal	Injury	PDO	Total	
KY 55	1.690	1.790	0.100	8,960	2	Undivided	Rural	0.25	0.566	0	0	1	1	19.62	0.00	0.00	0.05	0.05	0.09
KY 55	2.004	2.104	0.100	8,960	2	Undivided	Rural	0.25	0.566	0	1	2	3	19.62	0.00	0.05	0.10	0.15	0.27
KY 55	2.223	2.323	0.100	8,370	2	Undivided	Rural	0.25	0.578	0	0	1	1	18.33	0.00	0.00	0.05	0.05	0.09
KY 55	2.428	2.528	0.100	8,370	2	Undivided	Rural	0.25	0.578	0	0	1	1	18.33	0.00	0.00	0.05	0.05	0.09
KY 55	2.581	2.681	0.100	8,370	2	Undivided	Rural	0.25	0.578	0	1	0	1	18.33	0.00	0.05	0.00	0.05	0.09
KY 55	3.000	3.100	0.100	8,370	2	Undivided	Rural	0.25	0.578	0	0	1	1	18.33	0.00	0.00	0.05	0.05	0.09
KY 55	3.200	3.300	0.100	8,370	2	Undivided	Rural	0.25	0.578	0	0	1	1	18.33	0.00	0.00	0.05	0.05	0.09
KY 55	3.500	3.600	0.100	8,370	2	Undivided	Rural	0.25	0.578	0	0	1	1	18.33	0.00	0.00	0.05	0.05	0.09
KY 55	3.635	3.735	0.100	8,370	2	Undivided	Rural	0.25	0.578	0	1	1	2	18.33	0.00	0.05	0.05	0.11	0.19
KY 55	3.800	3.900	0.100	8,370	2	Undivided	Rural	0.25	0.578	0	1	0	1	18.33	0.00	0.05	0.00	0.05	0.09
KY 55	4.200	4.300	0.100	8,370	2	Undivided	Rural	0.25	0.578	0	0	1	1	18.33	0.00	0.00	0.05	0.05	0.09
KY 55	4.269	4.369	0.100	8,370	2	Undivided	Rural	0.25	0.578	0	0	1	1	18.33	0.00	0.00	0.05	0.05	0.09
KY 55	4.469	4.569	0.100	8,370	2	Undivided	Rural	0.25	0.578	0	0	2	2	18.33	0.00	0.00	0.11	0.11	0.19

Source: KYTC's *Highway Information System (HIS)* database; Kentucky Transportation Center's *Analysis of Traffic Accident Data in Kentucky (1997-2002)* report; 2002 ADT data from KYTC's *Highway Information System (HIS)* database on 05/13/2003

**Crash Data Analysis
Washington County
Spot Analysis**

Adair, Green, Taylor, Marion, Nelson, & Washington Counties, Item No. 4-132.00
Heartland Parkway from Louie B. Nunn Cumberland Parkway to Martha Layne Collins Blue Grass Parkway

Washington County

Route	Begin MP	End MP	Length (miles)	2002 ADT	Number of Lanes	Divided/ Undivided	Rural/ Urban	Avg. Acc. Rate	Critical Acc. Rate	Accidents				MVM	Rates per MVM				Critical Rate Factor
										Fatal	Injury	PDO	Total		Fatal	Injury	PDO	Total	
KY 55	0.000	0.100	0.100	8,500	2	Undivided	Rural	0.25	0.575	0	6	17	23	18.62	0.00	0.32	0.91	1.24	2.15
KY 55	0.325	0.425	0.100	8,500	2	Undivided	Rural	0.25	0.575	1	1	1	3	18.62	0.05	0.05	0.05	0.16	0.28
KY 55	0.500	0.600	0.100	8,500	2	Undivided	Rural	0.25	0.575	0	0	1	1	18.62	0.00	0.00	0.05	0.05	0.09
KY 55	0.725	0.825	0.100	8,500	2	Undivided	Rural	0.25	0.575	0	1	1	2	18.62	0.00	0.05	0.05	0.11	0.19
KY 55	1.000	1.100	0.100	8,500	2	Undivided	Rural	0.25	0.575	0	1	0	1	18.62	0.00	0.05	0.00	0.05	0.09
KY 55	1.425	1.525	0.100	8,500	2	Undivided	Rural	0.25	0.575	0	2	1	3	18.62	0.00	0.11	0.05	0.16	0.28
KY 55	2.200	2.300	0.100	8,500	2	Undivided	Rural	0.25	0.575	0	0	1	1	18.62	0.00	0.00	0.05	0.05	0.09
KY 55	2.600	2.700	0.100	8,500	2	Undivided	Rural	0.25	0.575	0	0	1	1	18.62	0.00	0.00	0.05	0.05	0.09
KY 55	2.800	2.900	0.100	7,630	2	Undivided	Rural	0.25	0.595	1	3	2	6	16.71	0.06	0.18	0.12	0.36	0.60
KY 55	3.400	3.500	0.100	7,630	2	Undivided	Rural	0.25	0.595	0	2	6	8	16.71	0.00	0.12	0.36	0.48	0.80
KY 55	3.677	3.777	0.100	7,630	2	Undivided	Rural	0.25	0.595	0	0	1	1	16.71	0.00	0.00	0.06	0.06	0.10
KY 55	3.900	4.000	0.100	7,630	2	Undivided	Rural	0.25	0.595	0	0	2	2	16.71	0.00	0.00	0.12	0.12	0.20
KY 55	4.004	4.104	0.100	7,630	2	Undivided	Rural	0.25	0.595	0	0	2	2	16.71	0.00	0.00	0.12	0.12	0.20
KY 55	4.551	4.651	0.100	7,630	2	Undivided	Rural	0.25	0.595	0	1	8	9	16.71	0.00	0.06	0.48	0.54	0.91

Source: KYTC's *Highway Information System (HIS)* database; Kentucky Transportation Center's *Analysis of Traffic Accident Data in Kentucky (1997-2002)* report;

**Crash Data Analysis
Washington County
Spot Analysis**

Adair, Green, Taylor, Marion, Nelson, & Washington Counties, Item No. 4-132.00
Heartland Parkway from Louie B. Nunn Cumberland Parkway to Martha Layne Collins Blue Grass Parkway

Washington County

Route	Begin MP	End MP	Length (miles)	2002 ADT	Number of Lanes	Divided/ Undivided	Rural/ Urban	Avg. Acc. Rate	Critical Acc. Rate	Accidents				HMVM	Rates per HMVM				Critical Rate Factor
										Fatal	Injury	PDO	Total		Fatal	Injury	PDO	Total	
KY 555	0.000	0.100	0.100	6,700	2	Undivided	Rural	0.25	0.620	0	11	18	29	14.67	0.00	0.75	1.23	1.98	3.19
KY 555	0.600	0.700	0.100	6,700	2	Undivided	Rural	0.25	0.620	0	1	0	1	14.67	0.00	0.07	0.00	0.07	0.11
KY 555	0.740	0.840	0.100	6,700	2	Undivided	Rural	0.25	0.620	0	0	1	1	14.67	0.00	0.00	0.07	0.07	0.11
KY 555	0.836	0.846	0.100	6,700	2	Undivided	Rural	0.25	0.620	0	4	5	9	14.67	0.00	0.27	0.34	0.61	0.99
KY 555	2.075	2.175	0.100	4,830	2	Undivided	Rural	0.25	0.693	0	0	1	1	10.58	0.00	0.00	0.09	0.09	0.14
KY 555	3.600	3.700	0.100	4,690	2	Undivided	Rural	0.25	0.701	0	0	1	1	10.27	0.00	0.00	0.10	0.10	0.14
KY 555	4.300	4.400	0.100	4,690	2	Undivided	Rural	0.25	0.701	0	0	1	1	10.27	0.00	0.00	0.10	0.10	0.14
KY 555	5.000	5.100	0.100	4,690	2	Undivided	Rural	0.25	0.701	0	0	2	2	10.27	0.00	0.00	0.19	0.19	0.28
KY 555	5.216	5.316	0.100	4,690	2	Undivided	Rural	0.25	0.701	0	2	3	5	10.27	0.00	0.19	0.29	0.49	0.69
KY 555	6.715	6.815	0.100	3,230	2	Undivided	Rural	0.25	0.805	0	1	0	1	7.07	0.00	0.14	0.00	0.14	0.18
KY 555	7.091	7.191	0.100	3,230	2	Undivided	Rural	0.25	0.805	0	0	1	1	7.07	0.00	0.00	0.14	0.14	0.18
KY 555	8.280	8.380	0.100	3,230	2	Undivided	Rural	0.25	0.805	0	1	1	2	7.07	0.00	0.14	0.14	0.28	0.35
KY 555	9.200	9.300	0.100	3,230	2	Undivided	Rural	0.25	0.805	0	1	0	1	7.07	0.00	0.14	0.00	0.14	0.18
KY 555	9.500	9.600	0.100	3,230	2	Undivided	Rural	0.25	0.805	0	0	1	1	7.07	0.00	0.00	0.14	0.14	0.18
KY 555	10.700	10.800	0.100	3,710	2	Undivided	Rural	0.25	0.763	0	0	1	1	8.12	0.00	0.00	0.12	0.12	0.16
KY 555	11.000	11.100	0.100	3,710	2	Undivided	Rural	0.25	0.763	0	1	1	2	8.12	0.00	0.12	0.12	0.25	0.32
KY 555	11.480	11.580	0.100	3,710	2	Undivided	Rural	0.25	0.763	0	0	1	1	8.12	0.00	0.00	0.12	0.12	0.16
KY 555	12.707	12.807	0.100	3,710	2	Undivided	Rural	0.25	0.763	0	2	2	4	8.12	0.00	0.25	0.25	0.49	0.64

Source: KYTC's *Highway Information System (HIS)* database; Kentucky Transportation Center's *Analysis of Traffic Accident Data in Kentucky (1997-2002)* report; 2002 ADT data from KYTC's *Highway Information System (HIS)* database on 05/13/2003

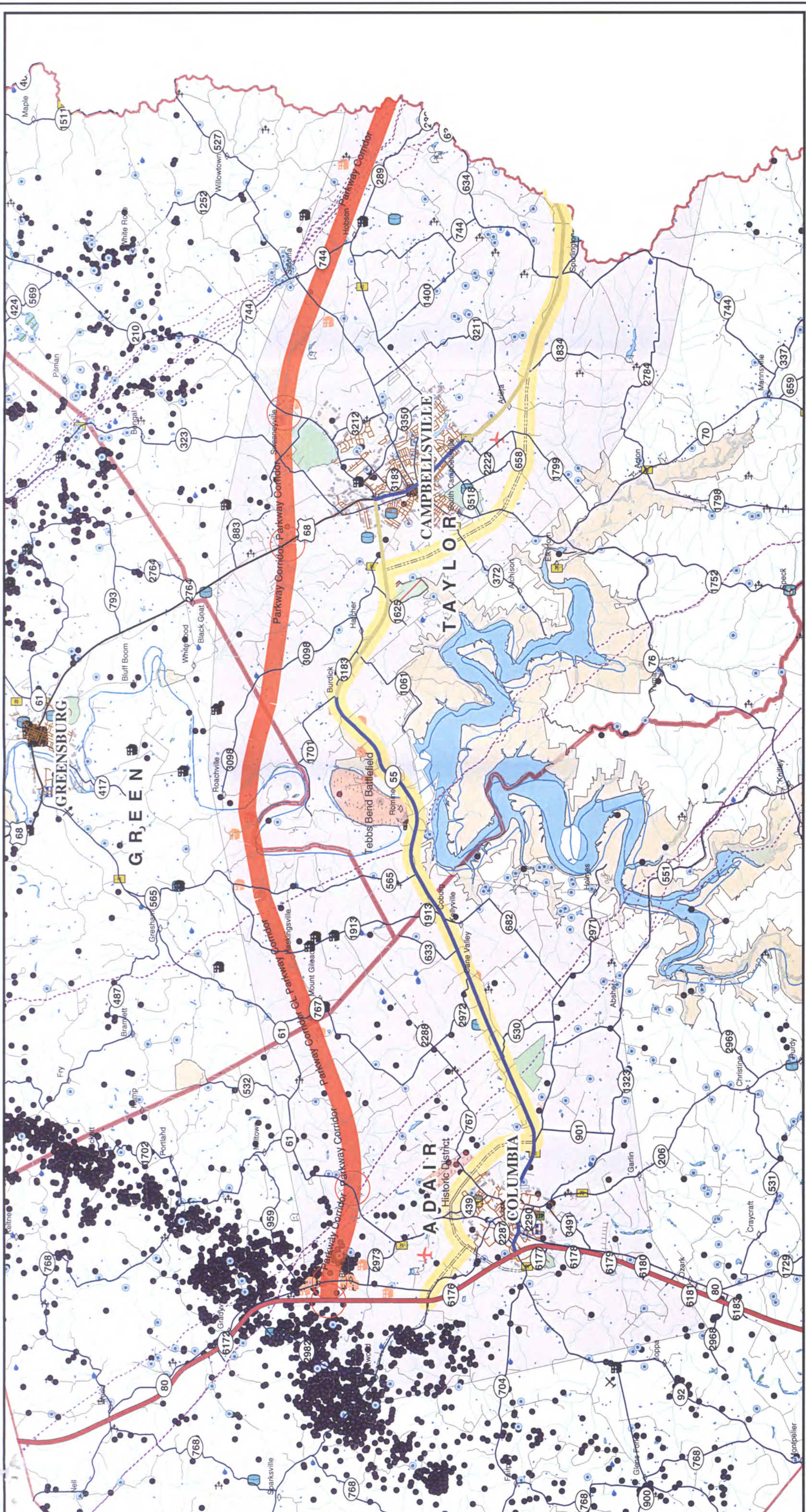
**Crash Data Analysis
Washington County
Spot Analysis**

Adair, Green, Taylor, Marion, Nelson, & Washington Counties, Item No. 4-132.00
Heartland Parkway from Louie B. Nunn Cumberland Parkway to Martha Layne Collins Blue Grass Parkway

Washington County

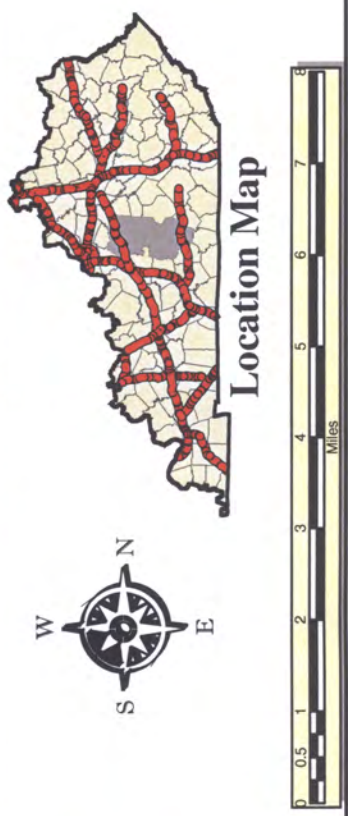
Route	Begin MP	End MP	Length (miles)	2002 ADT	Number of Lanes	Divided/Undivided	Rural/Urban	Avg. Acc. Rate	Critical Acc. Rate	Accidents				HMVM	Rates per HMVM				Critical Rate Factor
										Fatal	Injury	PDO	Total		Fatal	Injury	PDO	Total	
KY 555	12.907	13.007	0.100	3,710	2	Undivided	Rural	0.25	0.763	0	0	1	1	8.12	0.00	0.00	0.12	0.12	0.16
KY 555	13.200	13.300	0.100	3,710	2	Undivided	Rural	0.25	0.763	0	1	0	1	8.12	0.00	0.12	0.00	0.12	0.16
KY 555	14.000	14.100	0.100	3,710	2	Undivided	Rural	0.25	0.763	0	1	0	1	8.12	0.00	0.12	0.00	0.12	0.16
KY 555	14.300	14.400	0.100	3,710	2	Undivided	Rural	0.25	0.763	0	5	1	6	8.12	0.00	0.62	0.12	0.74	0.97
KY 555	14.500	14.523	0.100	3,710	2	Undivided	Rural	0.25	0.763	0	0	2	2	8.12	0.00	0.00	0.25	0.25	0.32

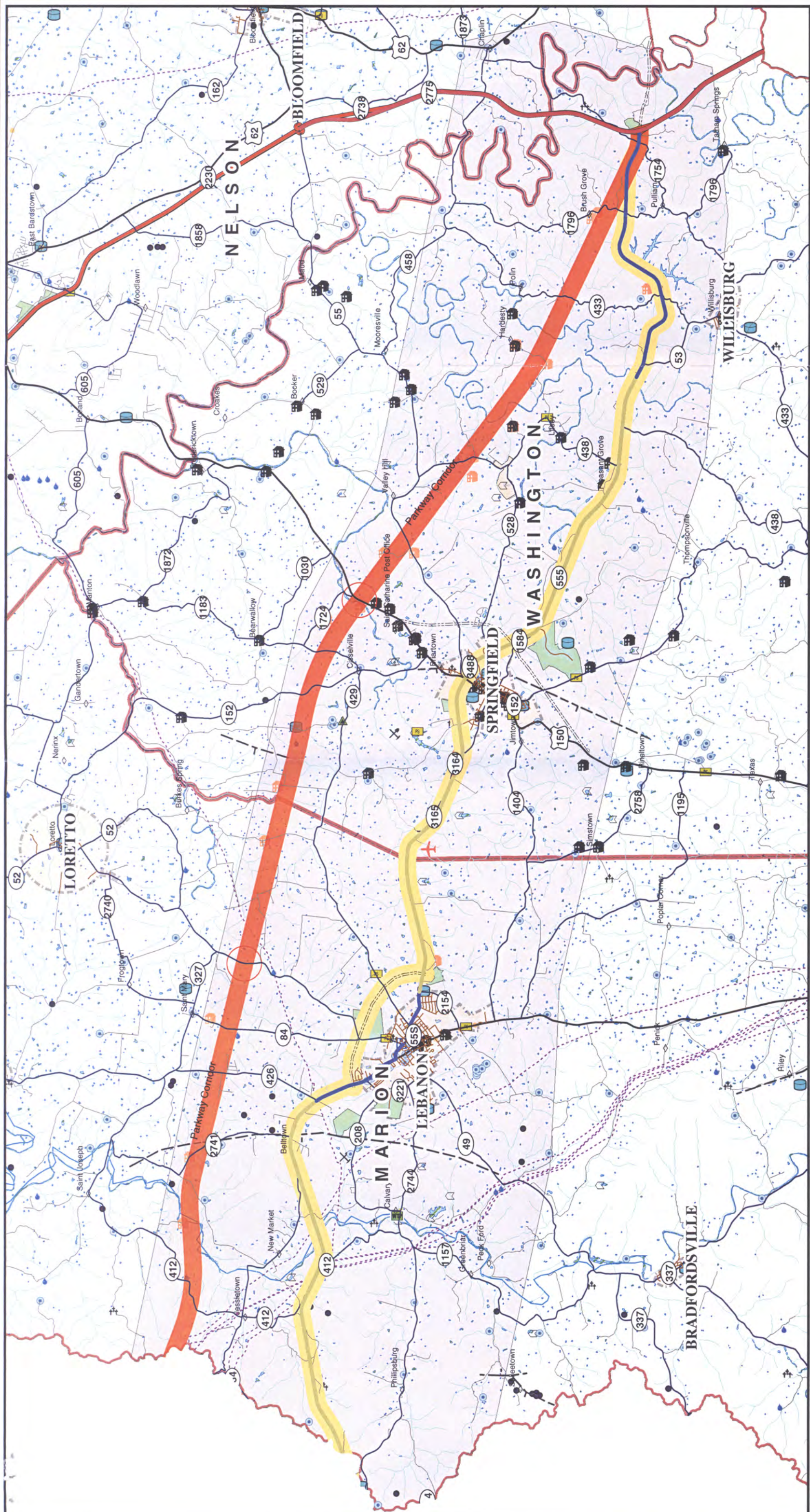
Source: KYTC's *Highway Information System (HIS)* database; Kentucky Transportation Center's *Analysis of Traffic Accident Data in Kentucky (1997-2002)* report; 2002 ADT data from KYTC's *Highway Information System (HIS)* database on 05/13/2003



	City Boundary		Water Features
	County Boundary		Water Features
	State Boundary		Water Features
	City Boundary		Water Features
	County Boundary		Water Features
	State Boundary		Water Features
	City Boundary		Water Features
	County Boundary		Water Features
	State Boundary		Water Features
	City Boundary		Water Features
	County Boundary		Water Features
	State Boundary		Water Features

Environmental Footprint
Heartland Parkway
South Section
Louie B. Nunn Cumberland Parkway
to Martha Layne Collins Blue Grass Parkway
Ky 55
Item No. 4-132.00





Environmental Footprint
Heartland Parkway
North Section
Louie B. Nunn Cumberland Parkway
to Martha Layne Collins Blue Grass Parkway
Ky 55
Item No. 4-132.00

