

## **Appendix F: Agency Coordination**



## TRANSPORTATION CABINET

Frankfort, Kentucky 40622  
[www.transportation.ky.gov/](http://www.transportation.ky.gov/)

**Steven L. Beshear**  
Governor

**Michael W. Hancock, P.E.**  
Secretary

June 2, 2014

**\*\*Please see attached for recipients of below letter\*\***

Subject: Planning Study  
US 231 Scottsville Road Scoping and Traffic Operations Study  
Warren County, Bowling Green, Kentucky  
Item No. 3-8702.0

We are requesting your agency's input and comments on a planning study to determine the need and potential impacts for a proposed highway project. The Kentucky Transportation Cabinet has assembled a study team to evaluate the roadway conditions, analyze the current and future traffic and propose recommendations. During the development of this planning study, comments will be solicited from federal, state, and local agencies, as well as other interested persons, in accordance with principles set forth in the National Environmental Policy Act (NEPA) of 1969. The Federal Highway Administration is partnering with us in these efforts.

This planning study includes a scoping process for the early identification of environmental issues and impacts related to the proposed project. We believe that early identification of issues or concerns can help us develop highway project alternates avoiding or minimizing negative impacts. The Project Team has identified a number of alternates with the help of Local Officials and Stakeholders by conducting meetings with them at various study stages.

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

- A draft statement of Study Purpose and Need
- Study Limits and Existing Roadway Information
- Average Daily Traffic, Level of Service and Crash Type
- Environmental Overview
- Study Area Map with the following alternatives:
  - Alternative 1 – Widen to Six Lanes with Intersection Spot Improvements
  - Alternative 3 – Widen to Six Lanes with Median Treatment and Intersection Spot Improvements



An Equal Opportunity Employer M/F/D

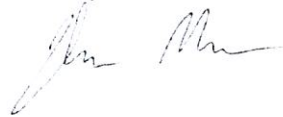
We are requesting that you provide comments on the proposed improvement alternates and/or specific comments concerning the bulleted items below as they relate to the proposed improvement alternates.

- Comments on the purpose and need for the project,
- Significant issues or concerns in the project area that may need to be addressed so that the project can be adequately scoped,
- Any conservation or development plans your agency or organization has ongoing or is aware of in the project area,
- Locations of any known areas, issues, or resources within the project area that should be considered when developing alternates so that impacts can be avoided, minimized, or mitigated early in the process, and
- Any mitigation strategies that should be considered in the development of the project.

We respectfully ask that you provide us with your comments by *June 27, 2014*, 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 *Shane McKenzie* of the Division of Planning at (502) 564-7183 or at *Shane.McKenzie@ky.gov*. Please address all written correspondence to John Moore, P.E., Director, Division of Planning, Kentucky Transportation Cabinet, 200 Mero Street 5<sup>th</sup> Floor, Frankfort, KY 40622.

Sincerely,



John Moore, P.E.  
Director  
Division of Planning

JM/SM/BC

#### Enclosures

c: Jose Sepulveda, FHWA (with enclosures)  
John Ballantyne, FHWA (with enclosures)  
Gary Valentine (with enclosures)  
David Waldner (with enclosures)  
Jeff Wolfe (with enclosures)  
Bart Asher (with enclosures)  
Bill Gulick  
Greg Meredith  
Joe Plunk  
Deneatra Henderson  
Mark Hite (with enclosures)  
Ryan Griffith (with enclosures)  
Donald Smith (with enclosures)  
Steve Ross  
Brad Johnson, CDM Smith

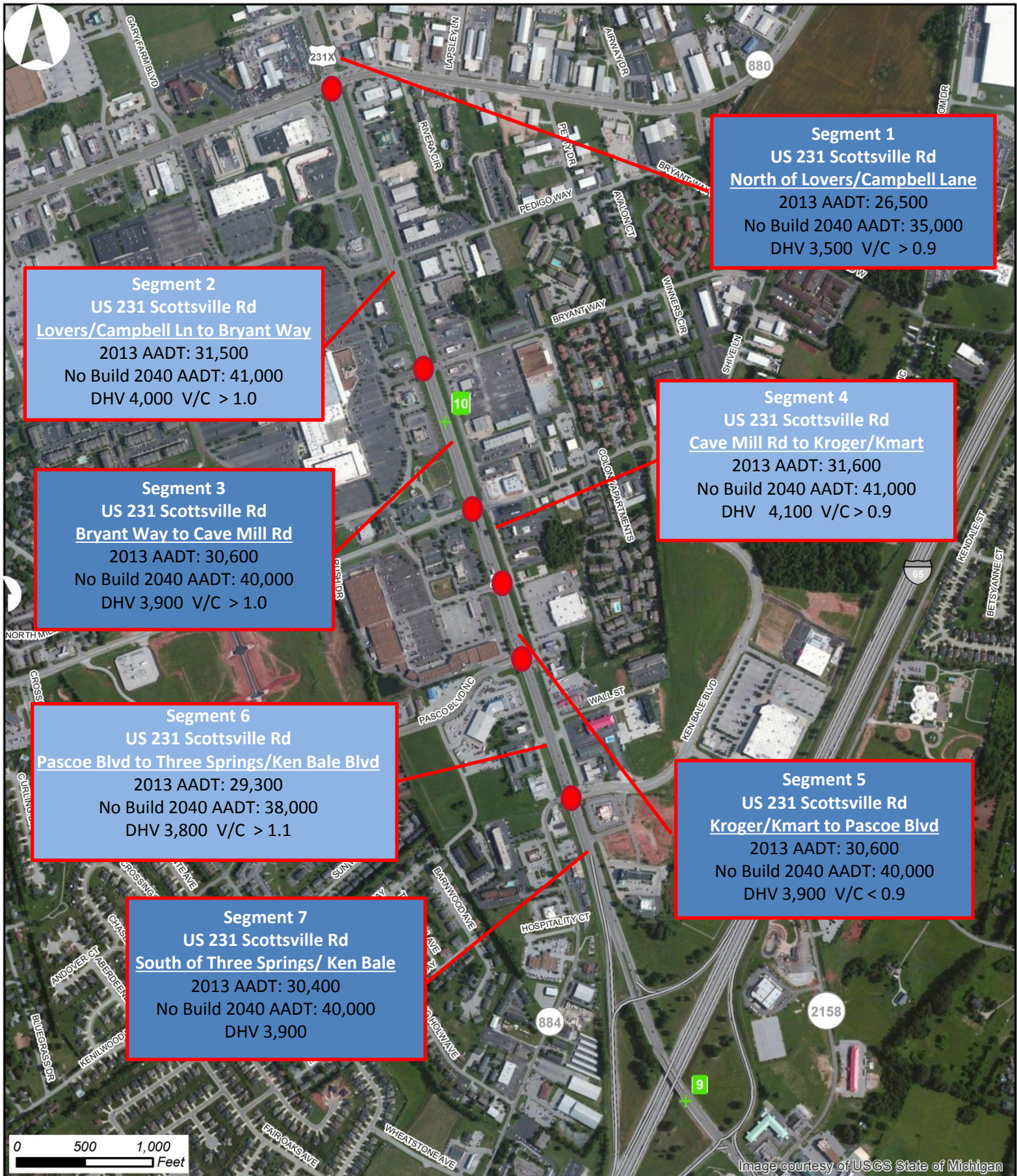


	A	B	C	D	E	F	G	H	I	J	K
2	Mr.	Phillip	Braden	District Office Manager	Memphis Airports District Office, Federal Aviation Administration	2862 Business Park Drive Building G	Memphis	TN	38118-1555		
3	Sir/Madam	Edward	Toniri	Adjutant General	American Association of Truckers	P.O. Box 146	Benton	KY	42025		
4	Mr.	Elaire	Walker	Commissioner	Department of Military Affairs	Boone Nat'l Guard Ctr., 100 Minuteman Pky.	Frankfort	KY	40601		
5	Ms.	David	Pollack	Director	Kentucky Archaeological Survey	500 Metro Street-10th Floor CPT	Frankfort	KY	40601		
6	Mr.	William	Straw	Regional Environmental Officer	Federal Emergency Management Agency, Region IV	1020-A Export Street	Lexington	KY	40506		
7	Mr.	David	Haydon	Chair	Kentuckians for Better Transportation	3003 Chamblee Tucker Road	Atlanta	GA	30341		
8	Mr.	Burt	Lauderdale	Executive Director	Kentuckians for The Commonwealth	9300 Shelbyville Road Ste 1204	Louisville	KY	40222-5169		
9	Ms.	Audrey Tayse	Haynes	Secretary	Cabinet for Health and Family Services	105 Reams Street	London	KY	40743		
10	Ms.	John	Houlihan	Administrator	Kentucky Airport Zoning Commission	275 East Main St., 5W-A	Frankfort	KY	40621		
11	Mr.	Tommy	Turner	President	Kentucky Association of Counties	90 Airport Rd. Bldg 400	Frankfort	KY	40601		
12	Mr.	Lance	Allison	President	Kentucky Chamber of Commerce Executives, Inc.	400 Englewood Dr.	Frankfort	KY	40601		
13	Mr.	James	Comer	Commissioner	Kentucky Department of Agriculture	464 Chenault Road	Frankfort	KY	40601		
14	Mr.	R. Bruce	Scott	Commissioner	Kentucky Department for Environmental Protection	32 Fountain Place	Frankfort	KY	40601		
15	Mr.	Jonathan	Gassett	Commissioner	Kentucky Department of Fish and Wildlife Resources	300 Fair Oaks Lane	Frankfort	KY	40601		
16	Dr.	Steve	Hohmann	Commissioner	Kentucky Department for Natural Resources	1 Sportsman's Lane	Frankfort	KY	40601		
17	Mr.	Kimberly	Richardson	Director	Kentucky Department of Nat'l. Resources, Division of Conservation	#2 Hudson Hollow	Frankfort	KY	40601		
18	Ms.	Rodney	Brewer	Director	Kentucky Department of State Police	375 Versailles Road	Frankfort	KY	40601		
19	Mr.	Billy	Ratliff	Director	Division of Mine Reclamation and Enforcement	919 Versailles Road	Frankfort	KY	40601		
20	Mr.	John	Lyons	Director	Kentucky Division for Air Quality	# 2 Hudson Hollow	Frankfort	KY	40601		
21	Mr.	Leah W.	MacSwords	Director	Kentucky Division for Economic Development	200 Fair Oaks Ln, 1st Floor	Frankfort	KY	40601		
22	Ms.	Keith	Peercy	Director	Kentucky Forward	627 Comanche Trail	Frankfort	KY	40601		
23	Lt. Colonel	Anthony	Hatton	Director	Kentucky Department of Forestry	919 Versailles Road	Frankfort	KY	40601		
24	Ms.	Sandy	Gruzesky	Director	Kentucky Department of Vehicle Enforcement	919 Versailles Road	Frankfort	KY	40622		
25	Ms.	Larry	Hayes	Secretary	DEP Division of Waste Management	200 Fair Oaks, 2nd Flr	Frankfort	KY	40601		
26	Mr.	John	Bird	Executive Director	DEP Division of Water	200 Fair Oaks, 4th Flr	Frankfort	KY	40601		
27	Mr.	Jim	Cobb	State Geologist & Director	Kentucky Cabinet for Economic Development	Old Capitol Annex	Frankfort	KY	40601		
28	Mr.	Craig	Potts	State Historic Preservation Officer	Kentucky Forward	464 Chenault Road	Frankfort	KY	40601		
29	Mr.	Kent	Whitworth	Executive Director	Kentucky Geological Survey, University of Kentucky	228 Mining and Mineral Resources Bldg.	Frankfort	KY	40506		
30	Mr.	Hal	Goode	President/CEO	Kentucky Heritage Council	300 Washington Street	Lexington	KY	40601		
31	Mr.	Jonathan	Steiner	Executive Director/CEO	Kentucky Historical Society	100 W. Broadway	Frankfort	KY	40601		
32	Mr.	Jamie	Fiepke	President/CEO	Kentucky Association for Economic Development	101 Burch Court	Frankfort	KY	40601		
33	Mr.	Leonard	Peters	Secretary	Kentucky League of Cities, Inc.	100 East Vine Street, Ste. 800	Lexington	KY	40507		
34	Mr.	Donald S.	Bourne	Executive Director	Kentucky Motor Transport Association	617 Shelby Street	Frankfort	KY	40601		
35	Ms.	Vickie	Gole	Executive Director	Kentucky Energy and Environmental Cabinet	Capital Plaza Tower, 5th Floor	Frankfort	KY	40601		
36	Ms.	Beecher	Stewart	Executive Director	Kentucky State Nature Preserves Commission	801 Schenkel Lane	Frankfort	KY	40601		
37	Mr.	Laura	Aldrich	CEO	Kentucky Office of Transportation Delivery	Transportation Office Building, 3rd Floor	Frankfort	KY	40622		
38	Ms.	Bob	Meyer	President/CEO	Kentucky Public Transit Association	1134 S. Preston St	Louisville	KY	40203		
39	Mr.	Joseph	Cole	Secretary	Kentucky Travel Industry Association	931 East Main Street	Frankfort	KY	40601		
40	Mr.	Jim	Stewart	Secretary	Tourism, Arts and Heritage Cabinet	Capital Plaza Tower, 24th Floor	Frankfort	KY	40601		
41	Mr.	Bergmann	Muller	Director of Stream & Wetland Res	Kentucky Education and Workforce Development Cabinet	Capital Plaza Tower, 3rd Floor	Frankfort	KY	40601		
42	Mr.	Paul	Hudson	Executive Director	The Nature Conservancy - Kentucky Chapter	500 Metro Street	Lexington	KY	40502		
43	Mr.	Heinz	Cole	Chief of NEPA Program Office	Scenic Kentucky	114 Woodland Avenue	Lexington	KY	40502		
44	Ms.	Alice	Howell	Chapter Chair	Office of Environmental Accountability	P. O. Box 23317	Louisville	KY	40223-0317		
45	Ms.	Karen	Woodrich	State Conservationist	Sierra Club	US EPA, Region 4	Atlanta	GA	30303		
46	Dr.	Pamela	Roshell	Regional Director	Office of Environmental Accountability	P.O. Box 1368	Lexington	KY	40568-1368		
47	Mr.	Lee	Andrews	Field Supervisor	U.S. Dept. of Agriculture, Natural Resources Conservation Service	771 Corporate Drive, Suite 210	Lexington	KY	40503		
48	Mr.	Eric	Washburn	Bridge Administrator	U.S. Dept. of Health & Human Serv., Region IV, Atlanta Federal Center	61 Forsyth Street, Room 5B95	Atlanta	GA	30303-9909		
49	The Hon	Rand	Paul	United States Senator	U.S. Fish & Wildlife Service, Kentucky Ecological Services Field Section	330 W. Broadway, Room 265	Frankfort	KY	40601		
50	The Hon	Mitch	McConnell	United States Senator	United States Coast Guard, Eighth District Western Rivers Bridge Branch	1222 Spruce Street, Suite 2.102D	St. Louis	MO	63103		
51	Mr.	Stephen	Durrett	Deputy District Engineer	United States Senate	208 Russell Senate Office Building	Washington	DC	20510		
52	The Hon	Brett	Guthrie	United States Representative - Dis	United States Senate	317 Russell Senate Office Building	Washington	DC	20510		
53	Ms.	Krista	Mills	Field Office Director	U. S. Army Corps of Engineers, Louisville District	P.O. Box 59 CELRL-PM	Louisville	KY	40201		
54	Mr.	Buddy	Yount	Kentucky Division Administrator	U. S. House of Representatives	308 Cannon House Office Building	Washington	DC	20515		
55	Sir/Madam	Tony	Reck	Chairman & CEO	U. S. Department of Housing & Urban Development, KY Louisville Field Office	601 West Broadway, Room 110	Louisville	KY	40202		
56	Mr.	John	Johnson	Executive Director	Federal Motor Carrier Safety Administration	330 West Broadway Room 124	Frankfort	KY	40601		
57	Mr.	Frank	Beum	Forest Supervisor	Kentucky Household Goods Carrier Association Inc.	P.O. Box 932	Brooks	KY	40109-0932		
58	Mr.	Michael	Buchanan	County Judge Executive	Paducah and Louisville Railway	200 Clark Street	Paducah	KY	42003-1701		
59	Hon.	Bruce	Wilkinson	Mayor	Kentucky Commission on Human Rights	332 West Broadway, 7th Floor	Louisville	KY	40202		
60	Hon.	Jody	Richards	State Representative	U.S. Dept. of Agriculture, Forest Service, Daniel Boone Nat'l Forest	1700 Bypass Rd.	Winchester	KY	40391		
61	Hon.	Mike	Wilson	State Senator	Courthouse	429 East Tenth Street	Bowling Green KY	KY	42101		
62	Hon.	Jim	DeCesare	State Representative	City Hall	P O Box 430	Bowling Green KY	KY	42102-0430		
63	Hon.	Jeff	Lashlee	Director	State Representative	817 Culppepper Street	Bowling Green KY	KY	42103		
64	Mr.	Melissa	Canstler	Bowling Green Public Works	State of Kentucky	2642 Chandler Dr., Apt. 1834	Bowling Green KY	KY	42104		
65	Ms.	Melissa	Canstler	Bowling Green Public Works	State Representative	P O Box 122	Rockfield	KY	42274		
				</							




	A	B	C	D	E	F	G	H	I	J	K
66	Mr.	Mr.	Mac	Yowell	Warren County Public Works Director	Warren County Public Works	1141 State Street		Bowling Greer KY		42101
67	Mr.	Mr.	Steve	Hunter	City – County Planning Commission Executive Director or Designee	City-County Planning Commission of Warren County	1141 State Street		Bowling Greer KY		42101
68	Ms.	Ms.	Jennifer	Tougas	WKU Parking and Transportation Services	Western Kentucky University Parking Services	578 Campbell Ln	1906 College Heights	Bowling Greer KY		42101
69	Ms.	Ms.	Cheryl	Allen	GoBG Transit	Community Action of Southern Kentucky	921 Beauty Ave.	P.O. Box 90014	Bowling Greer KY		42101-9014
70	Mr.	Mr.	Ken	Merideth	GoBG Transit	Community Action of Southern Kentucky	921 Beauty Ave.	P.O. Box 90014	Bowling Greer KY		42101-9014
71	Mr.	Mr.	John	Odom	System Transportation	Warren County Public School System	800 Brookwood Drive		Bowling Greer KY		42101
72	Mr.	Mr.	Michael	McCloud	System Transportation	Bowling Green City Independent School System	1211 Center Street		Bowling Greer KY		42101
73	Mr.	Mr.	Ronnie	Pearson	Services	Warren County Emergency Management Services	429 1/2 East 10th Street, Suite B		Bowling Greer KY		42101
74	Mr.	Mr.	John	Clark	Representative	Kentucky State Police, Post 3	3119 Nashville Road		Bowling Greer KY		42101
75	Ms.	Ms.	Ouida	Anthony	Public Information Officer	Warren County Sheriff's Office	P. O. Box 807		Bowling Greer KY		42102
76	Mr.	Mr.	Doug	Hawkins	Chief	Bowling Green City Police	911 Kentucky Street		Bowling Greer KY		42101
77	Mr.	Mr.	Ron	Bunch	President and CEO	Bowling Green Chamber of Commerce	710 College St		Bowling Greer KY		42101
78	Ms.	Ms.	Amy	Scott	MPO Transportation Coordinator	BRADD	177 Graham Street		Bowling Greer KY		40201
79	Mr.	Mr.	Gene	Becker	Associate Director	BRADD	177 Graham Street		Bowling Greer KY		40201
80	Mr.	Mr.	Matt	Summers	Regional Transportation/Transit	BRADD	177 Graham Street		Bowling Greer KY		40201
81	Mr.	Mr.	Rodney	Kirtley	Executive Director	BRADD	177 Graham Street		Bowling Greer KY		40201





Note: AADT is Average Annual Daily Traffic and is provided in Vehicles per Day. DHV is Design Hour Vehicles and is provided in Vehicles per Hour.

 Signalized Intersections

**CDM  
Smith**



**US 231 – Scottsville Rd**  
 From I-65 to Lovers Lane  
 KYTC Item No 3-8702  
**Traffic Characteristics**





High Crash Segments

Frontage Road Crashes (85)

MP 9.266-9.457

MP 9.458-9.541

MP 9.542-10.455

High Crash Spots

Fatality Location

CDM  
Smith



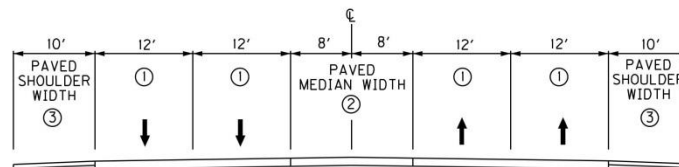
**US 231 – Scottsville Rd**  
From I-65 to Lovers Lane  
KYTC Item No 3-8702  
**Crash Analysis**



# Alternative 1

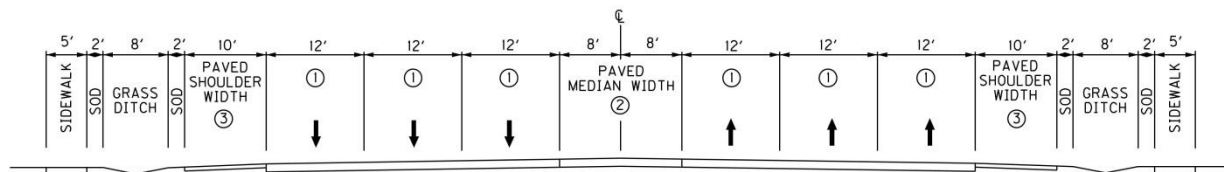
US 231 – Scottsville Rd  
From I-65 to Lovers Lane  
KYTC Item No 3-8702

## NO BUILD: EXISTING SCOTTSVILLE RD NORMAL SECTION



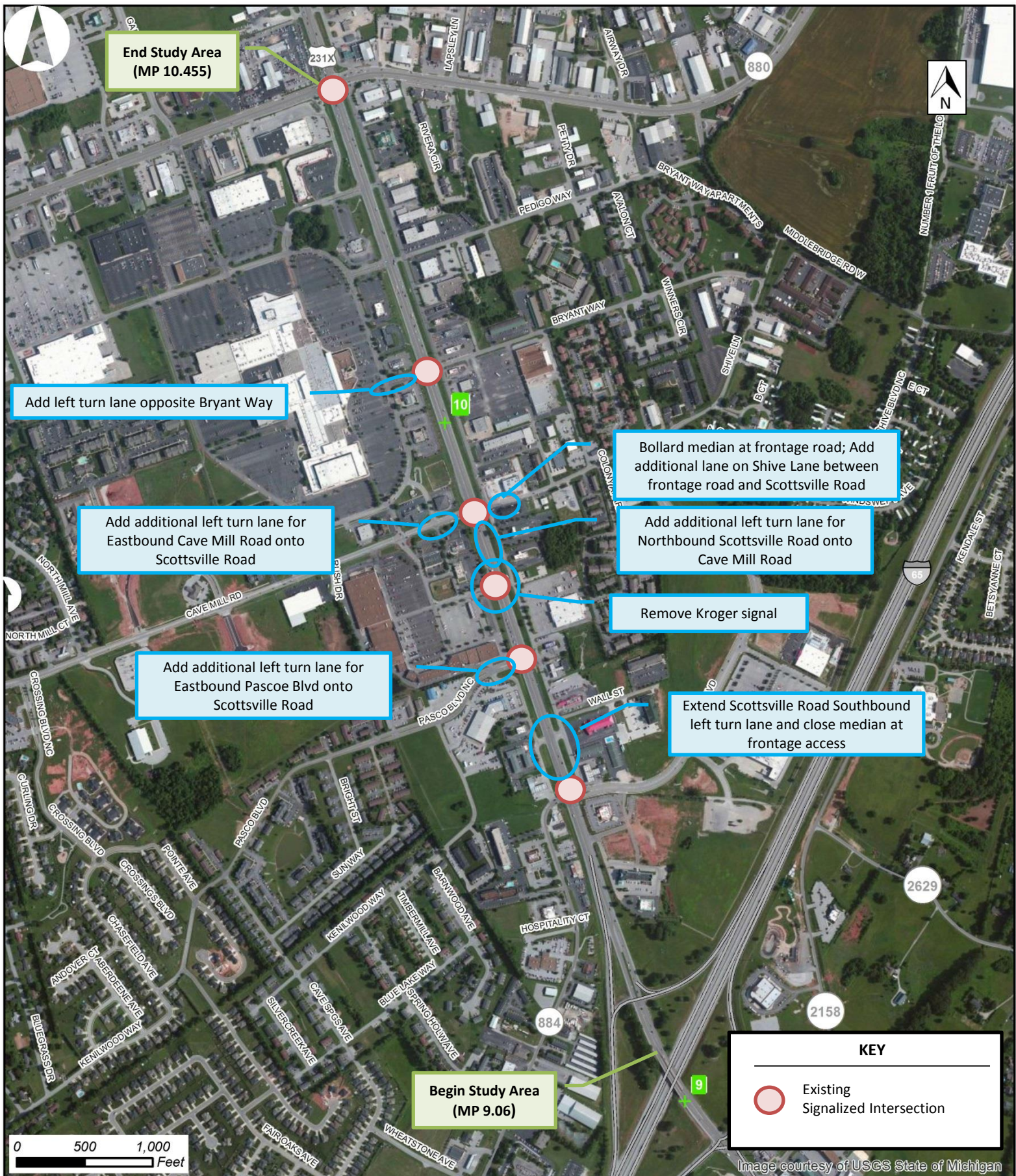
- ① EXISTING LANE WIDTHS MAY VARY BETWEEN 12 FEET AND 11 FEET.
- ② MEDIAN WIDTHS AND MEDIAN TYPE VARY.
- ③ SHOULDER WIDTHS VARY WHERE TURNING LANES EXIST.

## ALTERNATIVE 1: WIDEN SCOTTSVILLE RD TO SIX LANES AND ADD SIDEWALKS



- ① LANE WIDTHS MAY VARY BETWEEN 12 FEET AND 11 FEET.
- ② MEDIAN WIDTHS AND MEDIAN TYPE VARY.
- ③ SHOULDER WIDTHS VARY WHERE TURNING LANES EXIST.





**Alternative 1**  
**Widen to Six Lanes with**  
**Intersection Spot Improvements**

**CDM**  
**Smith**



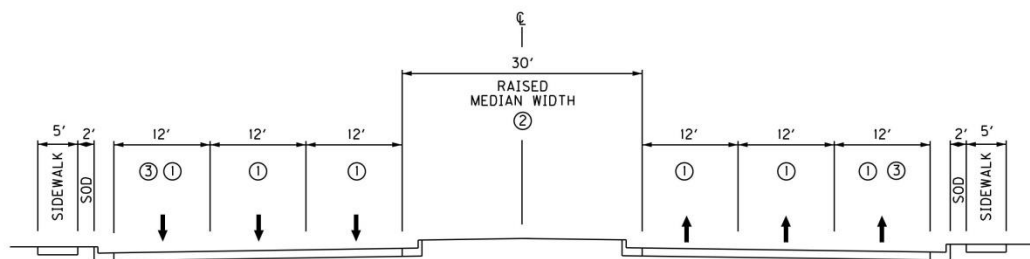
**US 231 – Scottsville Rd**  
**From I-65 to Lovers Lane**  
**KYTC Item No 3-8702**  
**Alternative Development**



# Alternative 3

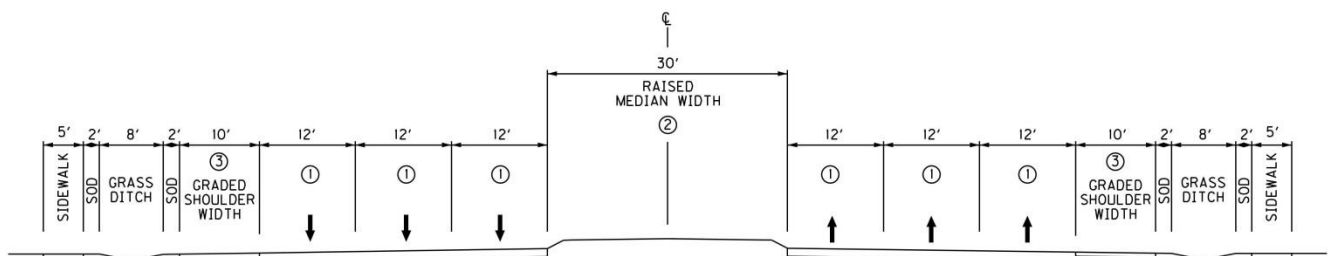
US 231 – Scottsville Rd  
From I-65 to Lovers Lane  
KYTC Item No 3-8702

## ALTERNATIVE 3A: URBAN SIX LANE TYPICAL SECTION WITH 30 FT RAISED MEDIAN AND SIDEWALKS



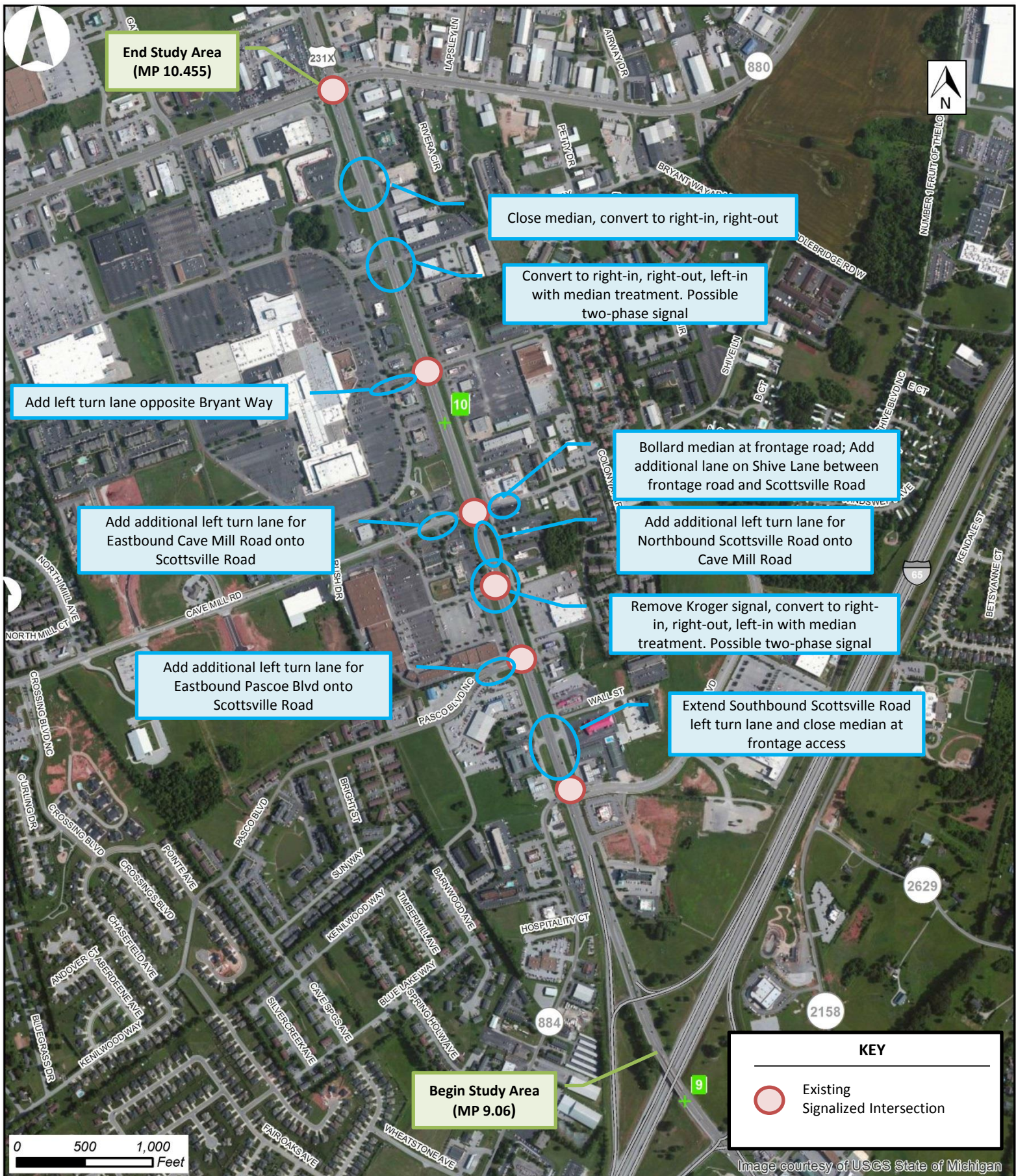
- ① LANE WIDTHS MAY VARY BETWEEN 12 FEET AND 11 FEET.
- ② MEDIAN WIDTH ACCOMMODATES DUAL LEFT TURN LANES, U-TURNS FOR PASSENGER VEHICLES, AND CHANNELIZATION AT LEFT-IN RIGHT-IN RIGHT-OUT ONLY INTERSECTIONS.
- ③ RIGHT TURN LANES REQUIRE ADDITIONAL WIDTH

## ALTERNATIVE 3B: RURAL SIX LANE TYPICAL SECTION WITH 30 FT RAISED MEDIAN AND SIDEWALKS



- ① LANE WIDTHS MAY VARY BETWEEN 12 FEET AND 11 FEET.
- ② MEDIAN WIDTH ACCOMMODATES DUAL LEFT TURN LANES, U-TURNS FOR PASSENGER VEHICLES, AND CHANNELIZATION AT LEFT-IN RIGHT-IN RIGHT-OUT ONLY INTERSECTIONS.
- ③ SHOULDER WIDTHS VARY WHERE TURNING LANES EXIST.





**Alternative 3**  
**Widen to Six Lanes with**  
**Median Treatment and**  
**Intersection Spot Improvements**



**US 231 – Scottsville Rd**  
**From I-65 to Lovers Lane**  
**KYTC Item No 3-8702**  
**Alternative Development**



**McKenzie, Shane (KYTC)**

---

**From:** Frye, Sandra L [sandra.l.frye@hud.gov]  
**Sent:** Wednesday, June 11, 2014 7:59 AM  
**To:** McKenzie, Shane (KYTC)  
**Cc:** Kuhnle, Robert D  
**Subject:** Planning Study for US 231 Scottsville Road, Bowling Green, KY

Hello Shane,

This is in response to the Transportation Cabinet's June 2, 2014, letter requesting HUD's input and comments on the subject planning study.

At this time, we do not have any comments regarding this planning effort; however, we appreciate the opportunity. If you have any questions please feel free to give me a call at the number below.

***Sandra L. Frye***

Regional Environmental Officer  
Region IV, Atlanta  
U.S. Department of HUD  
40 Marietta Street  
Five Points Plaza Bldg.  
Atlanta, Georgia 30303-2806  
Telephone: (678) 732-2727  
Fax: (202) 485-9079

U.S. Department of  
Homeland Security

United States  
Coast Guard



Commander  
Eighth Coast Guard District

1222 Spruce Street  
St. Louis, MO 63103-2832  
Staff Symbol: dwb  
Phone: (314)269-2381  
Fax: (314)269-2737  
Email: rob.e.mccaskey@uscg.mil  
www.uscg.mil/d8/westernriversbridges

16591.1  
June 13, 2014

**RECEIVED**

**JUN 20 2014**

**Div. of Planning**

Mr. John Moore, P.E.  
Director, Division of planning  
Kentucky Transportation Cabinet  
200 Mero Street  
5<sup>th</sup> Floor  
Frankfort, KY 40622

Subj: US 231 SCOTTSVILLE ROAD SCOPING AND TRAFFIC OPERATIONS STUDY,  
ITEM NO. 3-8702.0

Dear Mr. Moore:

Please refer to your letter of June 2, 2014 regarding the US 231 Scottsville Road scoping and traffic operations study. The Coast Guard has no interest in this project as it does not cross a waterway over which the Coast Guard exercises jurisdiction. Therefore, a Coast Guard bridge permit is not required for this project.

We appreciate the opportunity to comment on the project.

Sincerely,

A handwritten signature in blue ink, appearing to read "Eric A. Washburn".

ERIC A. WASHBURN

Bridge Administrator, Western Rivers  
By direction of the District Commander





U.S. Department  
of Transportation  
**Federal Aviation  
Administration**

Memphis Airports District Office  
2600 Thousand Oaks Blvd, Suite 2250  
Memphis, TN 38118  
Phone: 901-322-8180

June 25, 2014

Mr. John Moore, P.E.  
Director  
Division of Planning  
Kentucky Transportation Cabinet  
200 Metro Street, 5<sup>th</sup> Floor  
Frankfort, KY 40622

Re: US 231 Scottsville Road Scoping and Traffic Operations Study

Dear Mr. Moore:

We have reviewed the proposed improvements to Scottsville Road, Bowling Green, Warren County, Kentucky. The closest airport facility to the proposed project would be Bowling Green-Warren County Regional Airport. We recommend you coordinate any cranes or high lift construction equipment with the airport.

Thank you for the opportunity to comment on this project.

Sincerely,

***Original Signed by Stephen Wilson***

Stephen Wilson  
Community Planner





## United States Department of the Interior

FISH AND WILDLIFE SERVICE  
Kentucky Ecological Services Field Office  
330 West Broadway, Suite 265  
Frankfort, Kentucky 40601  
(502) 695-0468

June 17, 2014

**RECEIVED**

**JUN 19 2014**

**Div. of Planning**

Mr. John Moore  
Division of Planning  
Kentucky Transportation Cabinet  
200 Mero Street, 5<sup>th</sup> Floor  
Frankfort, KY 40622

Re: FWS 2014-B-0571; KYTC 3-8702.0; US 231 Scottsville Road Scoping and Traffic Operations Study; located in Warren County, Kentucky

Dear Mr. Moore:

Thank you for the opportunity to provide comments on the above-referenced project. The U.S. Fish and Wildlife Service (Service) has reviewed this proposed project and offers the following comments in accordance with the Endangered Species Act of 1973 (87 Stat. 884, as amended; 16 U.S.C. 1531 *et seq.*) and the Fish and Wildlife Coordination Act (48 Stat. 401, as amended; 16 U.S.C. 661 *et seq.*). This is not a concurrence letter. Please read carefully, as further consultation with the Service may be required.

### Endangered Species Act comments

In accordance to section 7 of the ESA, the Service must evaluate the potential for all the direct, indirect, and cumulative effects of a proposed project on federally listed species. This includes effects of any "interrelated actions" that are part of a larger action and depend on the larger action for their justification and "interdependent actions" that have no independent utility apart from the action under consideration. Please include information about all of the potential impacts associated with the proposed project, including those from interrelated or interdependent actions (*e.g.*; utilities, etc.) and future actions that are reasonably certain to occur as a result of the proposed project.

In order to assist you in determining if the proposed project has the potential to impact protected species we have searched our records for occurrences of listed species within the vicinity of the proposed project. Based upon the information provided to us and according to our databases, we believe that the following federally listed species have the potential to occur within the project vicinity:

Group	Species	Common name	Legal* Status	Known** Potential
Mammals	<i>Myotis grisescens</i>	gray bat	E	P
	<i>Myotis sodalis</i>	Indiana bat	E	P
	<i>Myotis septentrionalis</i>	Northern long-eared bat	P	K



<b>Mussels</b>	<i>Epioblasma o. obliquata</i>	purple catspaw pearlymussel	E	P
	<i>Pleurobema clava</i>	clubshell	E	P
	<i>Cyprogenia stegaria</i>	fanshell	E	P
	<i>Epioblasma torulosa rangiana</i>	Northern riffleshell	E	p
	<i>Plethobasus cooperianus</i>	orangefoot pimpleback	E	P
	<i>Lampsilis abrupta</i>	pink mucket	E	P
	<i>Obovaria retusa</i>	ring pink	E	P
	<i>Pleurobema plenum</i>	rough pigtoe	E	P
	<i>Plethobasus cyphyus</i>	sheepnose	E	P
	<i>Quadrula cylindrica cylindrica</i>	rabbitsfoot	T	P
	<i>Epioblasma triquetra</i>	snuffbox	E	P
	<i>Cumberlandia monodonta</i>	spectaclecase	E	P
<b>Plants</b>	<i>Apios priceana</i>	Price's potato-bean	T	P

\* Key to notations: E = Endangered, T = Threatened, P = Proposed, C = Candidate, CH = Critical Habitat

\*\* K = species is known to occur in the action area, P = species has the potential to occur in the action area

We must advise you that collection records available to the Service may not be all-inclusive. Our database is a compilation of collection records made available by various individuals and resource agencies. This information is seldom based on comprehensive surveys of all potential habitats and thus does not necessarily provide conclusive evidence that protected species are present or absent at a specific locality.

#### **Fish and Wildlife Coordination Act comments**

In accordance with the provisions of the Fish and Wildlife Coordination Act, the Service has reviewed the project with regards to the effects the proposed actions may have on wetlands and/or other jurisdictional waters. We recommend that project plans be developed to avoid impacting wetland areas and/or streams, and reserve the right to review any required federal or state permits at the time of public notice issuance. The U.S. Army Corps of Engineers should be contacted to assist you in determining if wetlands or other jurisdictional waters are present or if a permit is required.

Thank you again for your request. Your concern for the protection of endangered and threatened species is greatly appreciated. If you have any questions regarding the information that we have provided, please contact Jessi Miller at (502) 695-0468 extension 104.

Sincerely,



Virgil Lee Andrews, Jr.  
Field Supervisor





United States  
Department of  
Agriculture

Forest  
Service

Daniel Boone  
National Forest

1700 Bypass Road  
Winchester, KY 40391  
859-745-3100

File Code: 1900

Date: JUN 10 2014

John Moore, P.E.  
Director, Division of Planning  
Kentucky Transportation Cabinet  
200 Mero Street  
5th Floor  
Frankfort, KY 40622

Dear Mr. Moore:

Thank you for the opportunity to respond to the proposal to determine the need and potential impacts for the proposed highway project in Warren County, Kentucky. My staff and I have reviewed your proposal to improve the safety and mobility of Scottsville Road. This site is over 100 miles from the closest national forest system lands managed by the Daniel Boone National Forest.

I see no reason to believe this proposal would affect the resources or facilities managed by the Daniel Boone National Forest, and I have no objection to this proposal. Additional correspondence is not necessary. If you have any questions, please contact Forest Planner & Environmental Coordinator Elizabeth Robinson at (859) 745-3151 or [elizabethrobinson@fs.fed.us](mailto:elizabethrobinson@fs.fed.us).

Sincerely,

  
BILL LORENZ  
Acting Forest Supervisor

**RECEIVED**

JUN 13 2014

**Div. of Planning**





United States Department of Agriculture



**NRCS** Natural  
Resources  
Conservation  
Service

1925 Old Main Street  
Suite 2  
Maysville, KY. 41056  
Ph: 606-759-5570

To: John Moore, P.E.  
KY Transportation Cabinet  
Frankfort, Kentucky 40622

June 16, 2014

Re: Planning Study  
US 231 Scottsville Road Scoping and Traffic Operations Study  
Warren County, Bowling green, Kentucky  
Item No. 3-8702.0

Mr. Moore,

According to the information in your request, the entire project is within the urban area of the City of Bowling Green, KY and on an existing right-a-way or other previously disturbed areas that are considered as "Prior Converted Farmland" and no prime farmland, unique, or statewide important farmlands occur within the outlined corridor for the project. **"This determination does not apply to any lands beyond the boundary of the proposed corridor as shown on the topographic map forwarded by your office."**

If needed, additional information on the soils of Warren County, KY is available on-line through USDA's Web Soil Survey.

This office does not have any additional concerns at this time.

If this office may be of additional assistance, please do not hesitate to contact my office in Maysville Ky. or contact the NRCS District Conservationist 1-270-843-1112.

Steve Jacobs  
Resource Soil Scientist, NRCS, Maysville, KY.

cc: Tim Bartee, NRCS District Conservationist, Louisville, KY

**RECEIVED**

**JUN 19 2014**

**Div. of Planning**

---

The Natural Resources Conservation provides leadership in a partnership effort to help people conserve, maintain,, and improve our natural resources and environment.

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## ENERGY AND ENVIRONMENT CABINET

**Steven L. Beshear**  
Governor

### Department for Natural Resources

2 Hudson Hollow  
Frankfort, Kentucky 40601  
Phone (502) 564-6940  
Fax (502) 564-5698  
<http://eec.ky.gov>  
<http://dnr.ky.gov>

**Leonard K. Peters**  
Secretary

**Steve Hohmann**  
Commissioner

June 18, 2014

Mr. John Moore, P.E.  
Director  
Division of Planning  
200 Mero Street, 5<sup>th</sup> Floor  
Frankfort, KY 40622

**RECEIVED**

**JUN 23 2014**

**Div. of Planning**

**Subject:** US 213 Scottsville Road Scoping & Traffic Study

Dear Mr. Moore:

The Department for Natural Resources received the project information you sent in your letter dated June 2, 2014. The agencies within the department gave careful review to the information you provided and have no concerns with the project continuing as currently planned. Please consider this the department's official response. If you have any questions concerning this response please contact Michael Mullins by email at [Michael.Mullins@ky.gov](mailto:Michael.Mullins@ky.gov) or by phone at (502) 564-6940.

Sincerely,

A handwritten signature in blue ink that reads "Steve Hohmann".

Steve Hohmann  
Commissioner

SH/mm





**TOURISM, ARTS AND HERITAGE CABINET  
KENTUCKY DEPARTMENT OF FISH & WILDLIFE RESOURCES**

**Steven L. Beshear**  
Governor

#1 Sportsman's Lane  
Frankfort, Kentucky 40601  
Phone (502) 564-3400  
1-800-858-1549  
Fax (502) 564-0506  
[fw.ky.gov](http://fw.ky.gov)

**Bob Stewart**  
Secretary

**Gregory K. Johnson**  
Commissioner

16 June 2014

John Moore, P.E.  
Director, Division of Planning  
Kentucky Transportation Cabinet  
200 Mero Street, 5<sup>th</sup> Floor  
Frankfort, KY 40622

RE: Planning Study  
US 231 Scottsville Road Scoping and Traffic Operations Study  
Warren County, Bowling Green, Kentucky  
Item No. 3-8702.0

Dear Mr. Moore:

The Kentucky Department of Fish and Wildlife Resources (KDFWR) has received your request for information pertaining to the subject project. The Kentucky Fish and Wildlife Information System indicates that federally-listed species are known to occur within 10 miles of the project area. However, due to the location and nature of the project, the KDFWR does not anticipate impacts to listed species as a result of this project. Please be aware that our database system is a dynamic one and only represents our current knowledge of various species distributions.

This project is not located within known critical habitat for the Indiana bat. Other critical habitats such as fish spawning areas, caves, wildlife management areas, etc are not known to occur within the project area. Any impacts to stream or wetland resources will need to be compensated for at the proper ratios. Alternatives that allow for the desired outcome (increasing public safety and overall mobility) while minimizing the impact to the environment are recommended most by the KDFWR.

I hope this information is helpful to you, and if you have questions or require additional information, please call me at (502) 564-7109 extension 4453.

Sincerely,

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JUN 19 2014

**Div. of Planning**

[KentuckyUnbridledSpirit.com](http://KentuckyUnbridledSpirit.com)



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Dan Stoelb  
Wildlife Biologist

Cc: Environmental Section File

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JUN 19 2011

Div of Planning

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Planning Division





## ENERGY AND ENVIRONMENT CABINET

DEPARTMENT FOR ENVIRONMENTAL PROTECTION

DIVISION OF WATER

200 FAIR OAKS LANE, 4<sup>TH</sup> FLOOR

FRANKFORT, KENTUCKY 40601

PHONE (502) 564-3410

FAX (502) 564-0111

[www.dep.ky.gov](http://www.dep.ky.gov)

**R. Bruce Scott**  
Commissioner

**Peter T. Goodmann**  
Acting Director

**Leonard K. Peters**  
Secretary

June 10, 2014

Mr. John Moore, PE, Director  
Division of Planning  
Kentucky Transportation Cabinet  
200 Mero Street, 5<sup>th</sup> Floor  
Frankfort, Kentucky 40622

RE: Feasibility Planning Study  
US 231 Scottsville Road Scoping and Traffic Operations Study  
Warren County, Bowling Green, Kentucky  
Item No. 3-8702.0

Dear Mr. Moore:

The Division of Water has received your request for comments on the subject project. We have reviewed the documentation presented and have noted the following:

- Water and sewer lines are present in the proposed project area and should be considered during design and construction to avoid damage to existing infrastructure or disruption of service. It is also recommended local water/wastewater utilities be contacted to incorporate any proposed lines into the planning process. The local utility with the potential to be affected by this project includes Bowling Green Municipal Utilities.
- A cursory review of the proposed project suggests Individual Water Quality Certification (WQC) may be necessary. KTC should be prepared to reduce and minimize stream and wetland impacts as much as possible. If the stream and wetland impacts, on a cumulative basis, exceed the General Certification conditions, an Individual WQC will be required.

**RECEIVED**

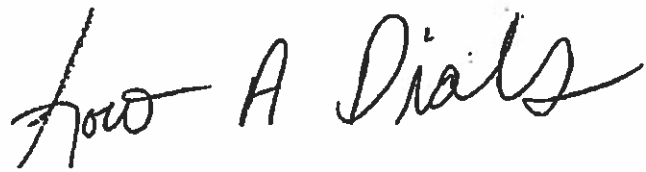
**JUN 11 2014**

**Div. of Planning**



If we can provide any further assistance, please do not hesitate to call, (502)564-3410, or [lori.dials@ky.gov](mailto:lori.dials@ky.gov).

Sincerely,

A handwritten signature in black ink that reads "Lori A Dials". The signature is written in a cursive, flowing style.

Lori Dials  
Wastewater Municipal Planning Section  
Division of Water





**ENERGY AND ENVIRONMENT CABINET  
DEPARTMENT FOR NATURAL RESOURCES**

**Steven L. Beshear**  
Governor

2 Hudson Hollow  
Frankfort, Kentucky 40601  
Phone (502) 564-6940  
Fax (502) 564-5698  
[www.dnr.ky.gov](http://www.dnr.ky.gov)  
[www.kentucky.gov](http://www.kentucky.gov)

**Leonard K. Peters**  
Secretary

**Carl E. Campbell**  
Commissioner

Jun 12, 2014

Attn: John Moore-Director  
Division of Planning  
Kentucky Transportation Cabinet  
200 Mero Street 5<sup>th</sup> Floor  
Frankfort, KY 40622

RE: Planning Study  
US 231 Scottsville Road Scoping & Traffic Study  
Warren County, Bowling Green, Kentucky  
Item No. 3-8702.0

Comments about Proposed Study Plan:

- No mining operations are located within the study area.
- No Acid Mine Drainage occurs with the proposed alternate due to past mining operations.
- Wetland Areas and endangered species may be an environmental concern for the construction in the study area.
- Several water wells and springs exist within the proposed study area.

Sincerely,

Billy Ratliff-Director  
#2 Hudson Hollow Complex  
Frankfort, KY 40601  
Email: [billy.ratliff@ky.gov](mailto:billy.ratliff@ky.gov)

Cc: Jkh, File

**RECEIVED**

**JUN 13 2014**

**Div. of Planning**





Sources: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, ICF, swisstopo, and the GIS User Community, Kentucky Division of Geographic Information (DGI) & USGS.

Little Administration Works: Managing

### High Resolution BOLD Imaging

High Excellence World Magazine

A scale bar labeled "Miles" with markings at 0, 0.075, 0.15, 0.3, 0.45, and 0.6.





**EDUCATION and WORKFORCE DEVELOPMENT CABINET  
OFFICE OF THE SECRETARY**


**Steven L. Beshear**  
Governor

Capital Plaza Tower, 3<sup>rd</sup> Floor  
500 Mero Street  
Frankfort, Kentucky 40601  
Phone (502) 564-0372  
[www.educationcabinet.kv.gov](http://www.educationcabinet.kv.gov)

**Thomas O. Zawacki**  
Secretary

June 26, 2014

To: Mr. John Moore, P.E.  
Director, Division of Planning, Department of Highways  
Kentucky Transportation Cabinet  
200 Mero Street  
Frankfort, KY, 40601

From: Ryan D. Green   
Executive Director, Office of Budget and Administration  
Kentucky Education and Workforce Development Cabinet  
Capital Plaza Tower, 3<sup>rd</sup> Floor  
500 Mero Street  
Frankfort, KY, 40601

Subject: Response to Planning Studies for Education and Workforce Development

Mr. Moore,

Please review the following comments and responses to two study requests sent to our Cabinet over the past few months.

**Subject:** US 60 Traffic Study from US 460 to I-64

Franklin County, Frankfort, Kentucky  
Item No. 5-275.00

**Comments:**

- No immediate impact.

**Subject:** US 231 Scottsville Road Scoping and Traffic Operations Study

Warren County, Bowling Green, Kentucky  
Item No. 3-8702.0

**Comments:**

- No immediate impact.

**RECEIVED**

JUN 27 2014

**Div. of Planning**

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## ENERGY AND ENVIRONMENT CABINET

**Steven L. Beshear**  
Governor

**DEPARTMENT FOR ENVIRONMENTAL PROTECTION**  
300 FAIR OAKS LANE  
FRANKFORT, KENTUCKY 40601  
PHONE (502) 564-2150  
FAX (502) 564-4245  
[www.dep.ky.gov](http://www.dep.ky.gov)

**Leonard K. Peters**  
Secretary

**R. Bruce Scott**  
Commissioner

June 27, 2014

John Moore, P.E., Director  
Division of Planning  
Kentucky Transportation Cabinet  
200 Mero Street, 5th Floor  
Frankfort, KY 40622

Re: US 231 Scottsville Road Scoping and Traffic Operations Study  
Warren County, Bowling Green, Kentucky  
Item No. 3-8702.0

Mr. Moore,

The Energy and Environment Cabinet serves as the state clearinghouse for review of environmental documents generated pursuant to the National Environmental Policy Act (NEPA). Within the Cabinet, the Commissioner's Office in the Department for Environmental Protection coordinates the review for Kentucky state agencies.

We received your letter dated June 2, 2014 requesting the departments input on potential environmental impacts related to US 231 Scottsville Road Scoping and Traffic Operations Study in Warren County. The following comments are submitted in reference to your project.

Comments from the Division of Waste Management:

- All solid waste generated by this project must be disposed at a permitted facility. If asbestos, lead paint, and/or other contaminants are encountered during this project, they must be properly addressed.



Comments from the Division of Water:

- There are no Outstanding Resource Waters (OSRW), Wild Rivers, or known Exceptional Waters within the project area. Best Management Practices (BMPs) should be utilized to control storm water runoff and sediment damage to water quality and aquatic habitat.
- Kentucky Revised Statute KRS 151.250 provides for exemption for the Department of Highways; therefore, a stream construction permit will not be required.

Comments from the Division of Air Quality:

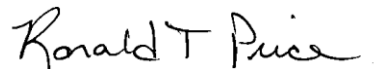
- Kentucky Division for Air Quality Regulation 401 KAR 63:010 Fugitive Emissions states that no person shall cause, suffer, or allow any material to be handled, processed, transported, or stored without taking reasonable precaution to prevent particulate matter from becoming airborne. Additional requirements include the covering of open bodied trucks, operating outside the work area transporting materials likely to become airborne, and that no one shall allow earth or other material being transported by truck or earth moving equipment to be deposited onto a paved street or roadway. Please note the Fugitive Emissions Fact Sheet located at <http://air.ky.gov/Pages/OpenBurning.aspx>.
- Regulation 401 KAR 63:005 states that open burning is prohibited. Open Burning is defined as the burning of any matter in such a manner that the products of combustion resulting from the burning are emitted directly into the atmosphere without passing through a stack or chimney. However, open burning may be utilized for the expressed purposes listed on the Open Burning Brochure located at <http://air.ky.gov/Pages/OpenBurning.aspx>.
- The Division would like to offer the following suggestions on how this project can help us stay in compliance with the National Ambient Air Quality Standards. More importantly, these strategies are beneficial to the health of citizens of Kentucky.
  - Utilize alternatively fueled equipment.
  - Utilize other emission controls that are applicable to your equipment.
  - Reduce idling time on equipment.

This review is based upon the information that was provided by the applicant. An endorsement of this project does not satisfy, or imply, the acceptance or issuance of any permits, certifications or approvals that may be required from

this agency under Kentucky Revised Statutes or Kentucky Administrative Regulations. Such endorsement means this agency has found no major concerns from the review of the proposed project as presented other than those stated as conditions or comments.

If you should have any questions, please contact me at (502) 564-2150, ext. 3125.

Sincerely,

A handwritten signature in black ink that reads "Ronald T. Price". The signature is written in a cursive style with a large, stylized "R" and "P".

Ronald T. Price  
State Environmental Review Officer  
Kentucky Department for Environmental Protection

Steven L. Beshear  
Governor



Terry Holliday, Ph.D.  
Commissioner of Education

**EDUCATION AND WORKFORCE DEVELOPMENT CABINET  
DEPARTMENT OF EDUCATION**

Capital Plaza Tower • 500 Mero Street • Frankfort, Kentucky 40601  
Phone: (502) 564-4770 • [www.education.ky.gov](http://www.education.ky.gov)

June 13, 2014

Mr. John Moore, Director  
Division of Planning  
Kentucky Transportation Cabinet  
200 Mero Street 5<sup>th</sup> Floor  
Frankfort, KY 40622

Dear Mr. Moore:

Thank you for the opportunity to review the "US 231 Scottsville Road Scoping and Traffic Operations Study" for Warren County, Bowling Green, KY. I forwarded the information to the District Facilities Branch and the Student Tracking and Transportation Branch here at the Kentucky Department of Education (KDE) for their review and input. Staff reported that there is nothing in the report that impacts anything under the direct control of KDE in terms of school facilities or school bus routes. However, it is the recommendation of KDE staff that the Transportation Cabinet contact the Warren County School District and the Bowling Green Independent School District directly to solicit feedback from school district officials who have a better knowledge of how this project could impact schools in the affected area. The contact information is:

Superintendent Rob Clayton  
Warren County School District  
303 Lover's Lane  
Bowling Green, KY 42102  
(270) 781-5150

Superintendent Joe Tinius  
Bowling Green Independent School District  
1211 Center Street  
Bowling Green, KY 42101  
(270) 746-2200

If you have any questions concerning school facilities or school bus transportation in general, please contact Kay Kennedy, KDE Director, Division of District Support at [kay.kennedy@education.ky.gov](mailto:kay.kennedy@education.ky.gov) or (502) 564-3930.

Sincerely,

A handwritten signature in blue ink, appearing to read "Terry Holliday".

Terry Holliday, Ph.D.

**RECEIVED**

**JUN 16 2014**

**Div. of Planning**

cc: Thomas Zawacki, Secretary, Education and Workforce Development Cabinet



## McKenzie, Shane (KYTC)

---

**From:** Pelfrey, Mikael (KYTC)  
**Sent:** Thursday, June 26, 2014 9:01 AM  
**To:** McKenzie, Shane (KYTC)  
**Subject:** FW: State Environmental Review

Comments from resource agency are shown below.

---

**From:** Moore, John W (KYTC)  
**Sent:** Thursday, June 26, 2014 8:34 AM  
**To:** Pelfrey, Mikael (KYTC)  
**Cc:** Ross, Steve (KYTC)  
**Subject:** FW: State Environmental Review

Please forward as appropriate.

---

**From:** Forgacs, Joe (EEC)  
**Sent:** Thursday, June 26, 2014 8:22 AM  
**To:** Price, Ronald (EEC)  
**Cc:** Moore, John W (KYTC)  
**Subject:** RE: State Environmental Review

Hi Ron,

Here are comments from the Division for Air Quality.

Kentucky Division for Air Quality Regulation **401 KAR 58:025**, Asbestos Standards, apply to this project, and the project must be inspected by a Kentucky Accredited Asbestos Inspector. Asbestos that will be affected by this activity must be removed by a Kentucky accredited contractor before renovation or demolition begins. Written notification must be given on form DEP 7036 to the Division for Air Quality, Paducah Regional Office at least 10 weekdays prior the start of demolitions, whether or not asbestos has been identified to be present. Please note form DEP 7036 and the Asbestos Fact Sheet located at <http://air.ky.gov/Pages/OpenBurning.aspx>

Kentucky Division for Air Quality Regulation **401 KAR 63:010** Fugitive Emissions states that no person shall cause, suffer, or allow any material to be handled, processed, transported, or stored without taking reasonable precaution to prevent particulate matter from becoming airborne. Additional requirements include the covering of open bodied trucks, operating outside the work area transporting materials likely to become airborne, and that no one shall allow earth or other material being transported by truck or earth moving equipment to be deposited onto a paved street or roadway. Please note the Fugitive Emissions Fact Sheet located at <http://air.ky.gov/Pages/OpenBurning.aspx>

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The Division would like to offer the following suggestions on how this project can help us stay in compliance with the NAAQS. More importantly, these strategies are beneficial to the health of citizens of Kentucky.

- Utilize alternatively fueled equipment.
- Utilize other emission controls that are applicable to your equipment.
- Reduce idling time on equipment.

The Division also suggests an investigation into compliance with applicable local government regulations.

Let me know if you need anything else regarding this issue.

*Have a good week...*

**Joe Forgacs, Environmental Technologist III**

Kentucky Division for Air Quality  
Program Planning & Administration Branch  
Evaluation Section  
Phone: (502) 564-3999, extension 4422  
Fax: (502) 564-4666  
E-mail: [Joe.Forgacs@ky.gov](mailto:Joe.Forgacs@ky.gov)

---

**From:** Price, Ronald (EEC)

**Sent:** Friday, June 06, 2014 4:23 PM

**To:** Price, Ronald (EEC); Murphy, Joel (EEC); Forgacs, Joe (EEC); Osterman, Brian (EEC)

**Subject:** State Environmental Review

Attached is a request from the KY Transportation Cabinet requesting an environmental review of a US 231 Scottsville Rd Scoping and Traffic Study in Warren County.

I need comments by June 26, 2014.

**Ronald T. Price**  
**Executive Staff Advisor**  
**Office of the Commissioner**  
**Department for Environmental Protection**  
**300 Fair Oaks Lane**  
**Frankfort, KY 40601**  
**(502) 564-2150 x. 3125**  
**(502) 564-4245 (fax)**  
**Email:** [ronald.price@ky.gov](mailto:ronald.price@ky.gov)

View the Kentucky Department for Environmental Protection's Blog at [Naturally Connected](#)

This email message is for the sole use of the intended recipient(s) and may contain confidential and privileged information.

If you are not the intended recipient, please contact the sender by reply email and destroy all copies of the original message.

## McKenzie, Shane (KYTC)

---

**From:** McKenzie, Shane (KYTC)  
**Sent:** Monday, June 30, 2014 12:52 PM  
**To:** 'Tad Long'  
**Cc:** Jonathan Steiner; Henderson, Deneatra (KYTC-D03); 'Johnson, Bradford C'; Pelfrey, Mikael (KYTC)  
**Subject:** RE: Planning Study - US 231 Scottsville Road - Item No. 3-8702.0

Dear Mr. Long,

On behalf of the Kentucky Transportation Cabinet Division of Planning Strategic Corridor team, we would like to thank you for your valued input to this study.

Your comments herewith will become part of the study record.

Please feel free to contact me at 502.782.5070 should you have any questions or comments.

Thank you,

*Shane McKenzie, P.E.*  
Transportation Engineer I



**Division of Planning ~ Strategic Corridor**

200 Mero Street, 5th Floor West

Frankfort, KY 40622

Phone: (502) 782-5070

Fax: (502) 564-2865

[Shane.McKenzie@ky.gov](mailto:Shane.McKenzie@ky.gov)



---

**From:** Tad Long [<mailto:tlong@klc.org>]  
**Sent:** Friday, June 27, 2014 4:12 PM  
**To:** McKenzie, Shane (KYTC)  
**Cc:** Jonathan Steiner  
**Subject:** Planning Study - US 231 Scottsville Road - Item No. 3-8702.0

Dear Mr. McKenzie:

Please express our appreciation to Mr. John Moore for soliciting comments from the Kentucky League of Cities regarding the above referenced planning study in Warren County. Mr. Jonathan Steiner, KLC CEO/Executive Director, has requested that I examine the project materials and provide appropriate feedback to you. We are familiar with the Scottsville Road corridor and the rapid growth that the area has experienced over the past several years. We also recognize the dangerous road conditions that have resulted in numerous accidents along the corridor that is under study.

We believe that the local governments and residents of Bowling Green and Warren County are best qualified to provide you with the proper perspective and possible solutions to mitigate the dangers along this particular corridor. We will defer to their good judgment as the project moves forward. Safety and ease of access are, at times, competing interests when rapid development occurs. We trust that you and your colleagues will be able to identify the most appropriate ways to mitigate the dangers along this heavily travelled corridor.



We sincerely appreciate your invitation to comment on the study and wish you well with the study. If we may assist you further, please do not hesitate to contact us.

Sincerely,  
Tad Long

**Tad Long**  
**Community Development Advisor**  
**Kentucky League of Cities**  
**100 East Vine Street, Suite 800**  
**Lexington, KY 40507**  
**1.800.876.4552 extension 3739 (office)**  
**859.977.3703 (FAX)**  
**859.333.1148 (cell phone)**



## CABINET FOR ECONOMIC DEVELOPMENT

**Steven L. Beshear**  
Governor

Old Capitol Annex  
300 West Broadway  
Frankfort, Kentucky 40601  
ThinkKentucky.com

**Larry M. Hayes**  
Secretary

July 3, 2014

John Moore, P.E.  
Director, Division of Planning  
Kentucky Transportation Cabinet  
200 Mero Street 5<sup>th</sup> floor  
Frankfort, Kentucky 40622

Subject: Planning Study  
US 231 Scottsville Road Scoping and Traffic Operations Study  
Warren County, Bowling Green, Kentucky  
Item no. 3-8702.0

In response to your request to the Kentucky Cabinet for Economic Development regarding this planning study, we submit the following feedback providing comments below to specific points addressed in your request.

The project area consisting of the corridor of US 231/Scottsville Road has no foreseeable impact on future economic development with regard to the industrial sites and buildings in Warren County. Access to these sites from I-65 via the William Natcher Green River Parkway is not included in the study proposed here. We are not aware of future growth that may be subject to the area of this planning study.

Thank you for including the Kentucky Cabinet for Economic Development with your concerns of impact with the planning study.

Sincerely,

Mandy Lambert  
Commissioner, Business Development

RECEIVED

JUL - 7 2014

Division of Planning



# BOWLING GREEN/ WARREN COUNTY EMERGENCY MANAGEMENT

429 ½ E 10<sup>th</sup> Ave Suite B · Bowling Green, Kentucky 42101

[www.wcem.org](http://www.wcem.org)



RONNIE PEARSON  
DIRECTOR

BRIAN GERINGSWALD  
DEPUTY DIRECTOR

PHONE  
270.781.8776  
FAX  
270.780-9550

**RECEIVED**

**JUN 13 2014**

**Div. of Planning**

John Moore P.E.  
Director  
Division of Planning  
Kentucky Transportation Cabinet  
200 Mero Street 5<sup>th</sup> Floor  
Frankfort, Ky 40622

RE: Planning study  
US231 Scottsville Rd  
Item No. 3-8702.0

Dear Mr. Moore,

In review of the proposed options to the widening and spot improvements to item # 3-8702.0, our office favors the Alternative Plan #1 with spot improvements. It is our office opinion that whatever improvements made that can alleviate traffic congestion and provides a safer driving experience on this section of Scottsville Rd, will be an enhancement. In review of the alternative proposals, Alternate #3 installs raised median that were removed previously on this same section. The high probability that traffic will only increase in volume in the coming years, the installation of these raised medians could possibly have to be removed again to provide additional lane expansion or turn lanes. This will only increase cost for future remediation. The report of sideswipe accident seems to be minimal, in comparison to the total number of accidents reported in crash analysis report included.

The Warren County Emergency Management Agency is unaware of any specific hazardous or environmental concerns regarding this project.

We appreciate you time to review our comments.

Respectfully,

Ronnie Pearson  
Director  
Warren County Emergency Management  
429 ½ East Tenth Street  
Bowling Green, Ky 42101

"To every man there comes a moment in his lifetime that special moment when he is tapped on the shoulder and offered the chance to do a special thing, unique and fitted to his talent. What a tragedy if that moment finds him unprepared and qualified for the work that would have been his finest hour."





# City of Bowling Green

## Department of Public Works

1011 College Street ■ P.O Box 430 ■ Bowling Green, KY 42102-0430

Phone: 270-393-3628 ■ Fax: 270-393-3050 ■ TDD: 1-800-618-6056 ■ Web Address: [www.bgky.org](http://www.bgky.org)



06-June-14

John Moore, P.E.,  
Director Division of Planning  
Kentucky Transportation Cabinet  
200 Metro Street, 5th Floor,  
Frankfort, Kentucky 40622

John Moore,

Melissa Cansler, Jeff Lashlee and I met and discussed the Scoping and Traffic Operations Study for Warren County, Bowling Green, Kentucky as previously submitted to Melissa Cansler.

We have the following comments:

1. We agree with Greenwood Court / Scottsville Road median treatments.
2. We agree with Pedigo Way / Scottsville Road median treatments.
3. We agree with adding right lane on roadway at mall across from Bryant Way.
4. We can block off access road at Bryant Way with bollards/raised median but need alternative route - will provide drawing of suggested route if need. We would recommend additional scoping for this area.
5. We agree with closing both access points on Cave Mill Road closest to intersection of Cave Mill Road/Scottsville Road but suggest extending the right turn lane on Cave Mill Road.
6. We agree with removal of Kroger signal – but would want to make the median the same way that has been proposed for Pedigo Way/ Scottsville Road median treatment.
7. We believe Pascoe Blvd needs a detailed extended review (increase in scope for this area) – to include review of a new access roadway connecting Pascoe Blvd with Cave Mill Road – can provide drawing to show suggestions.
8. Also in the area of the Pascoe Blvd/Scottsville Road on the opposite side from the mall would suggest adding right turn lane by encroaching on the grassy area between Scottsville Road and the access road. This would allow the dominate right turn movement to have their own lane and still allow flows along access road along with left and through movements in the same lane (left hand lane).

**JEFF T. LASHLEE, PE**  
Public Works Director

**MELISSA CANSLER, PE**  
City Engineer

**WM. R. "BOBBY" PHELPS**  
Operations Manager

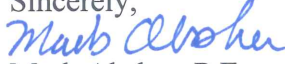
**Kris Crowe**  
Fleet Manager



With regard to commenting on purpose and need for the project, a significant amount of development and growth has taken place along this roadway and unfortunately, it has some time ago outgrown what the roadway can comfortably handle and during certain peak times of the day and certain days of the week it becomes even worse, it results in bumper to bumper waiting from intersection to intersection for much of its length. Improvements in this area would be a welcomed relief by the citizens of Bowling Green, Kentucky.

We know that you have been trying to help alleviate the problems in the area by what means are available and appreciate that. However, we feel the proposed improvements would be some of the additional steps needed that would help the area.

If you have any questions regarding these comments please feel free to contact me at 270-393-3227.

Sincerely,  
  
Mark Absher, P.E.  
Civil Engineer

CC: Laura Brown, Administrative Assistant  
Melissa Cansler, P.E., City Engineer  
Jeff Lashlee, P.E., Public Works Director

## McKenzie, Shane (KYTC)

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**From:** McKenzie, Shane (KYTC)  
**Sent:** Tuesday, June 17, 2014 12:24 PM  
**To:** 'Mark.Absher@bgky.org'  
**Subject:** RE: Scottsville Road Widening Project Comments No. 3-8702.0  
**Attachments:** Pointe Area with Pascoe Closed Traffic Patterns Study.jpg

Thank you again Mr. Absher,

I just want to assure you that all of your comments, study information and drawings are valued information and will become part of the study record. I can wait for any additional information you would like to provide before I forward this on for the record.

Additionally, the screen shot you have provided (attached) I think conveys the circulation pattern you intend for the record but I am having difficulty reading any of the text. Please feel free to send an updated version if you wish.

Thank you ,

*Shane McKenzie, P.E.*  
Transportation Engineer I



**Division of Planning ~ Strategic Corridor**

200 Mero Street, 5th Floor West

Frankfort, KY 40622

Phone: (502) 782-5070

Fax: (502) 564-2865

Shane.McKenzie@ky.gov



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**From:** McKenzie, Shane (KYTC)  
**Sent:** Thursday, June 12, 2014 11:28 PM  
**To:** McKenzie, Shane (KYTC)  
**Subject:** Fwd: Scottsville Road Widening Project Comments No. 3-8702.0

Sent from my iPhone

Begin forwarded message:

**From:** "Mark Absher" <[Mark.Absher@bgky.org](mailto:Mark.Absher@bgky.org)>  
**To:** "McKenzie, Shane (KYTC)" <[Shane.McKenzie@ky.gov](mailto:Shane.McKenzie@ky.gov)>  
**Cc:** "Henderson, Deneatra (KYTC-D03)" <[Deneatra.Henderson@ky.gov](mailto:Deneatra.Henderson@ky.gov)>, "Johnson, Bradford C" <[johnsonbc@cdmsmith.com](mailto:johnsonbc@cdmsmith.com)>, "Kyle Hunt" <[Kyle.Hunt@bgky.org](mailto:Kyle.Hunt@bgky.org)>  
**Subject:** RE: Scottsville Road Widening Project Comments No. 3-8702.0

Hello again Shane,

I am attaching a very rough drawing showing a concept route that connects up Pascoe Blvd with



Cave Mill Road. The thrust behind this route proposal was to address complaints about traffic cutting through Pointe Ave from Innsbrooke Ave, Cave Springs Ave, and other areas to get to and from Cave Mill Road. So much so the board of commissioners (BOC) was considering closing Pascoe Blvd. I also attached a very rough drawing showing re-routing of traffic should this happen.

With a Pascoe Blvd/ Cave Mill Road connection we could potentially avoid closing Pascoe in the future by providing an alternative route that takes drivers to a traffic signal on Cave Mill Road (at Chandler) from Pascoe Blvd. Too it would help with some of the traffic through the Cave Mill Road / Scottsville intersection. This is because there is a portion of the traffic from this same area that goes up Scottsville Road from Pascoe and then turns down Cave Mill Road and vice versa. It's difficult to tell just how large of a traffic volume we are talking about removing with the re-route connector.

I have more data and files for this area if needed. Again, the attached drawing with ADTs, etc, are the result of my re-route study and are based on existing counts, turn movements, etc and trying to determine which way drivers will go should the BOC someday demand Pascoe Blvd be closed.

Will see what I can about sending information for the Bryant Way area as well. I don't have anything already done for that one. It came out of our meeting discussing the Scottsville Road project.

Hope this helps,  
Mark

From: McKenzie, Shane (KYTC) [<mailto:Shane.McKenzie@ky.gov>]  
Sent: Thursday, June 12, 2014 6:25 AM  
To: Mark Absher  
Cc: Henderson, Deneatra (KYTC-D03); Johnson, Bradford C  
Subject: RE: Scottsville Road Widening Project Comments No. 3-8702.0

Dear Mr. Absher,

On behalf of the Kentucky Transportation Cabinet Division of Planning Strategic Corridor Project Team, we thank you very much for your valued input for this study.

With regard to your comments No. 4 and No. 7 (letter attached for reference) we welcome any drawing concepts for the project including those of your suggested route relating to blocking off Bryant Way and/or a suggested new access roadway connecting Pasco Blvd with Cave Mill Road . These can be sent to John Moore, P.E., Director of the Division of Planning as well.

Please feel free to contact me at (502) 782 - 5070 should you have any questions or concerns.

Thank you,

From: Mark Absher [<mailto:Mark.Absher@bgky.org>]  
Sent: Friday, June 06, 2014 4:33 PM  
To: McKenzie, Shane (KYTC)  
Subject: Scottsville Road Widening Project Comments No. 3-8702.0

Hello Shane McKenzie,

I have attached our letter regarding seeking comments about the Planning Study for US 231 Scottsville Road Scoping and Traffic Operations Study, for Warren County, Bowling Green, Kentucky. Item No. 3-8702.0. It is addressed to the Director of Division of Planning.

Wanted to get this into your hands as soon as possible. I don't have an email contact in the letter for Mr. Moore.

Please feel free to contact me should you have any questions.

Thanks  
Mark

Mark Absher, PE  
Civil Engineer (Traffic Engineer)  
City of Bowling Green Public Works  
1011 College St  
Bowling Green, KY 42101  
Work: 270-393-3227  
Fax: 270-393-3050



## McKenzie, Shane (KYTC)

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**From:** McKenzie, Shane (KYTC)  
**Sent:** Monday, June 30, 2014 12:35 PM  
**To:** Clark, John W (KSP)  
**Cc:** Henderson, Deneatra (KYTC-D03); 'Johnson, Bradford C'; Pelfrey, Mikael (KYTC)  
**Subject:** RE: Planning study US 231 Scottsville Rd Traffic Operations Study

Dear Mr. Clark,

On behalf of the Kentucky Transportation Cabinet Division of Planning Strategic Corridor Team, we would like to thank you for your valued input for this study.

Your comments herewith will become a part of the study record.

Please do not hesitate to contact me at 502.782.5070 should you have any questions or concerns.

Thank you,

*Shane McKenzie, P.E.*  
Transportation Engineer I



**Division of Planning ~ Strategic Corridor**

200 Mero Street, 5th Floor West

Frankfort, KY 40622

Phone: (502) 782-5070

Fax: (502) 564-2865

[Shane.McKenzie@ky.gov](mailto:Shane.McKenzie@ky.gov)



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**From:** Clark, John W (KSP)  
**Sent:** Friday, June 27, 2014 10:36 AM  
**To:** McKenzie, Shane (KYTC)  
**Subject:** Planning study US 231 Scottsville Rd Traffic Operations Study

I have received the traffic study information sent to KSP Post 3 and Commissioner Brewer sent me the copy he received and has asked that I formulate some input. I have talked with the Troopers who work Warren County and our traffic crash reconstructionists about the proposed changes and the options provided. Both options have pros and cons and it is a very close call. The raised median causes traffic to back up into travel lanes during congested times and could lead to rear-end collisions. At the same time, the level paved median allows traffic to turn anywhere and has the potential to cause traffic collisions also. If forced to choose, we think the raised median would cause less problems. With that said, we don't work traffic crashes in the BG city limits. I'm glad you asked for our input, but the opinion of the BGPD people might be a better guide because they work the crashes that happen in this area. We are just glad this project is going to happen. Scottsville Rd is very congested and could use some relief.



Thanks for everything you do and feel free to contact me with any further questions you might have.

**Captain John W. Clark**

**Post Commander**

**Kentucky State Police**

**Post 3, Bowling Green**

3119 Nashville Rd

Bowling Green, KY 42101

(270) 782-2010

[johnw.clark@ky.gov](mailto:johnw.clark@ky.gov)

*"Far and away, the best prize that life has to offer  
is the chance to work hard at work worth doing"*

*Theodore Roosevelt*

## McKenzie, Shane (KYTC)

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**From:** McKenzie, Shane (KYTC)  
**Sent:** Thursday, June 26, 2014 2:14 PM  
**To:** 'Miranda Clements'  
**Cc:** Henderson, Deneatra (KYTC-D03); Hearn, Troy (KYTC); 'Johnson, Bradford C'; Pelfrey, Mikael (KYTC)  
**Subject:** RE: US 231 Scottsville Road Scoping and Traffic Operations Study, Warren County, Bowling Green, KY

Dear Miranda,

On behalf of the Kentucky Transportation Cabinet Division of Planning Corridor Team, we thank you for your valuable input. Please be assured that your comments will become part of the study record.

The topic of improving bicycle and pedestrian accommodations has been an important part of the discussion throughout this planning study. One of several key findings was the need to address strategic pedestrian crossings along Scottsville Rd as part of this project. Troy Hearn, KYTC Bicycle and Pedestrian Coordinator, has been an active member of the project team and has provided important guidance to the team. Please feel free to contact him at 502.564.7183 should you like to further discuss.

With regard to your question about impact to trees and landscaping as a result of a future road widening project, although there will most likely be impacts, we do anticipate replacing any trees or landscaping impacted as part of this project, but the exact construction limits will not be known until much further along in the design phase.

Please feel free to contact me at 502.782.5070 or Deneatra Henderson, KYTC District-3 Planning Supervisor at 270.746.7898 should you have any further questions or concerns.

Thank you,

*Shane McKenzie, P.E.*  
Transportation Engineer I



**Division of Planning ~ Strategic Corridor**

200 Mero Street, 5th Floor West

Frankfort, KY 40622

Phone: (502) 782-5070

Fax: (502) 564-2865

[Shane.McKenzie@ky.gov](mailto:Shane.McKenzie@ky.gov)



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**From:** Miranda Clements [<mailto:Miranda.Clements@bgky.org>]

**Sent:** Wednesday, June 25, 2014 5:28 PM

**To:** McKenzie, Shane (KYTC)

**Subject:** RE: US 231 Scottsville Road Scoping and Traffic Operations study, Warren County, Bowling Green, KY

Shane,

I am commenting on the above referenced project which is suggesting two alternatives for Scottsville Road – widen to six lanes with intersection spot improvements or widen to six lanes with median treatment and intersection spot improvements.

I wonder if there is anything in the following sources of information that would help transform Scottsville Road, which is currently a place that is not safe for walking or riding a bike, into a street that serves more than vehicles? It seems that the trend across the country is to retrofit suburban areas to places that offer a higher quality of life. At the very least, I think that facilities for bicycles and walking should be included. There are many multi-family residential complexes on the east side of Scottsville Road that would benefit from having a safe crossing to the commercial businesses on the west side. Also, we are in the process of updating the Greenways Master Plan and conducted a public survey. Many respondents said that they want a Greenway or bike/pedestrian facilities along or near Scottsville Road. Currently, it is a barrier for cyclists and pedestrians.

Maybe examining alternate routes that run parallel to Scottsville Road might help relieve the traffic or having more access between parking lots around the mall/Walmart, etc.

As far as landscaping, will the trees and landscaped strip that runs along the road be impacted by the road widening project? I hope the trees remain.

The following websites have a lot of ideas and information on ways to address areas like Scottsville Road.

<http://www.cnu.org/sprawlretrofit>

<http://www.cnu.org/highways>

<http://www.cnu.org/liveworkwalk>

<http://www.smartgrowthamerica.org/locus/foot-traffic-ahead/>

<http://www.smartgrowthamerica.org/complete-streets>

Thank you for the opportunity to comment.

Sincerely,

*Miranda R. Clements*

Miranda R. Clements  
Historic Preservation Planner/Greenways Coordinator  
City-County Planning Commission  
1141 State Street, Bowling Green, KY 42101  
270-842-1953

## McKenzie, Shane (KYTC)

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**From:** McKenzie, Shane (KYTC)  
**Sent:** Friday, June 06, 2014 2:17 PM  
**To:** Yowell, J M (WARCO)  
**Cc:** Melissa Cansler; Amy Scott; Ross, Steve (KYTC); Pelfrey, Mikael (KYTC); 'Johnson, Bradford C'; Henderson, Deneatra (KYTC-D03)  
**Subject:** RE: US 231 Scottsville Road Scoping and Traffic Operations Study

Dear Mr. Yowell,

On behalf of the Kentucky Transportation Cabinet Division of Planning Strategic Corridor Team, we thank you very much for your valued input for this study.

Your comments herewith will become part of the study record.

Please feel free to contact me at (502) 782 - 5070 should you have any questions or concerns.

Thank you,

*Shane McKenzie, P.E.*  
Transportation Engineer I



**Division of Planning ~ Strategic Corridor**

200 Mero Street, 5th Floor West

Frankfort, KY 40622

Phone: (502) 782-5070

Fax: (502) 564-2865

[Shane.McKenzie@ky.gov](mailto:Shane.McKenzie@ky.gov)



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**From:** Yowell, J M (WARCO)  
**Sent:** Friday, June 06, 2014 12:50 PM  
**To:** McKenzie, Shane (KYTC)  
**Cc:** Melissa Cansler; Amy Scott  
**Subject:** US 231 Scottsville Road Scoping and Traffic Operations Study

Thank you very much for allowing me to comment on this study. Scottsville Road was constructed in 1965-66 as a partially controlled access roadway with 16 foot raised median. At that time, it was surrounded on both sides by farm land. At the same time, I-65 was under construction and the connection between Exit 22 and the City of Bowling Green transformed the area and created the regional shopping and destination point which now exists. The almost 50 years which have passed since this time have seen the construction of Greenwood Mall and the desire of all new retail establishments to be in the vicinity. Since the widening of Campbell Lane which began in 1994, it has created another corridor of retail activity which intersects with Scottsville Road.

For the past 8 years or so, I have been an advocate of the upgrading of Scottsville Road using the method utilized by the Alabama Department of Transportation with a similar situation on U.S. 231 through Huntsville. This is a long range plan which is likened to eating the proverbial elephant – one bite at a time. There is the “up and over” plan with slip ramps to frontage roads and has been many years in the making by doing a construction project every few years as funds became available. Since money for Scottsville Road is available in a small amount, we need to work with what we have. Bowling Green has four features which hamper a good traffic circulation plan – the railroad, Barren River, Western



Kentucky University and the airport. These “barriers” tend to funnel all traffic to State maintained roads and Scottsville Road catches the brunt of this load.

I would favor Alternate 1 with a couple of tweaks and comments. Can the 16 foot paved median be reduced to 14 or even 12 feet and curb and gutter be installed in lieu of paved shoulders? It would appear the cost might even up by eliminating the shoulders and not relocating the utilities. It will take a lot of political will to eliminate the “Kroger signal” and install bollards at Shive Lane. These two items are a key to success of the project and without them we are wasting our time. I would recommend all elected officials be on board before spending design money for this proposed work.

J.M. “Mac” Yowell, P.E.

## McKenzie, Shane (KYTC)

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**From:** McKenzie, Shane (KYTC)  
**Sent:** Tuesday, June 17, 2014 1:46 PM  
**To:** 'Tougas, Jennifer'  
**Cc:** Meredith, Greg (KYTC-D03); Henderson, Deneatra (KYTC-D03); Pelfrey, Mikael (KYTC); 'Johnson, Bradford C'  
**Subject:** RE: Feedback: Item No. 3-8702.0

Good afternoon Ms. Tougas,

On behalf of the Kentucky Transportation Cabinet Division of Planning Strategic Corridor Project Team, we thank you very much for your valued input for this study.

Your comments herewith will become part of the study record.

Please feel free to contact me at (502) 782 - 5070 should you have any questions or concerns.

Thank you,

*Shane McKenzie, P.E.*  
Transportation Engineer I



**Division of Planning ~ Strategic Corridor**

200 Mero Street, 5th Floor West

Frankfort, KY 40622

Phone: (502) 782-5070

Fax: (502) 564-2865

[Shane.McKenzie@ky.gov](mailto:Shane.McKenzie@ky.gov)



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**From:** Tougas, Jennifer [<mailto:jennifer.tougas@wku.edu>]

**Sent:** Wednesday, June 11, 2014 4:59 PM

**To:** McKenzie, Shane (KYTC)

**Cc:** Meredith, Greg (KYTC-D03)

**Subject:** Feedback: Item No. 3-8702.0

Hi, Shane –

I received the request for feedback on the Scottsville Road Scoping and Traffic Operations Study. I can provide comments as a citizen of Bowling Green.

- 1) In general, I support projects in this corridor that improve traffic safety.
- 2) I also support considerations for pedestrians, cyclists and transit operations. This is a great opportunity to recognize the presence of these user groups and make accommodations to reasonably meet their needs, particularly as it relates to crossing this busy corridor. I support marked, pedestrian activated crosswalks at signalized intersections. As discussed in the meeting at the BRADD office, “parallel traffic” on the lower volume access streets may be the best way to accommodate these user groups. However, crossing access points to the frontage roads becomes a concern as well and must be addressed.
- 3) As was discussed at the BRADD office, I support minimizing lane widths on the road cross section. Certainly, maintaining safety is a priority. But, to the extent that safety can be maintained with narrower lane widths, I support those efforts. Narrower lane widths reduce the overall curb-to-curb width of the road, which in turn

reduces construction costs, maintenance costs, and storm water run-off mitigation needs. It also reduces pedestrian crossing widths and could potentially slow traffic. If 11' lane widths are sufficient for safety, I support that width for the entire project.

- 4) In terms of specific comments related to the alternatives presented, I generally support Alternative 3 as that provides a refuge island for pedestrians and more effectively minimizes turning movements throughout the corridor.
- 5) For each alternative, I recommend a closer look at the Cave Mill Road intersection. For east bound traffic on Cave Mill Rd approaching Scottsville Rd, consider extending the right hand turn lane. Traffic waiting to turn right often stacks beyond the existing turn lane. I support the recommendation to create two left hand turn lanes from Scottsville Road northbound traffic turning onto Cave Mill Rd at this intersection. I support the improvements recommended for the Shive Lane approach to this intersection.
- 6) I am neutral about removing the Kroger light signal. I frequently observe traffic bypassing the Cave Mill/Scottsville Rd intersection by using the access roads behind the restaurants on this corner leading to this intersection. Their right hand turn movements would still be possible. However, the frequency of this traffic movement also indicates the need to improve right hand turns from Cave Mill onto Scottsville Rd.
- 7) If Alternative 3 is pursued, I support making improvements to the second mall entrance from the end of the study area. I think the mall is an important retail destination that draws traffic from around the region. Every effort should be made to maintain this as a viable relief valve for this traffic.

I am not aware of specific conservation concerns in this area. In general, I support efforts to mitigate storm water run-off issues.

Thank you for the opportunity to provide comments. Please let me know if you have any questions.

Thank you,  
Jennifer Tougas

June 6, 2014

Mr. John Moore, P. E.  
Director, Division of Planning  
Kentucky Transportation Cabinet,  
200 Mero Street  
Frankfort KY, 40622

Subject: Planning Study  
US 231 Scottsville Road Scoping and Traffic Operations Study  
Warren County, Bowling Green, Kentucky  
Item No. 3-8702.0

Thank you for the opportunity to provide comments on this project. GO bg transit needs the following access to be able to provide service to the Scottsville Road Corridor:

- Timely access to Scottsville Road from Kroger store on Scottsville Road.
- Americans with Disabilities Act (ADA) access to proposed bus stop locations including sidewalk, bus loading pads, pull offs, nub outs, or any other proposed or developed amenities.
- A 600 foot sight distance at each new stop for safety.
- A buffer zone between bus stopped at bus stop and traffic at speed.
- Signage supporting and notifying traffic of bus stop locations and restricting them to buses only.
- Sidewalks, ramps and other access to comply with ADA standards of elevation changes, width, curb cuts, ADA texture pads, and properly sized landing pads for deploying lifts or ramps at stops and from those stops to the locations riders need to access.
- Pedestrian Priority buttons for signals either relocated to sidewalks, or sidewalks accessing the buttons.
- Signage and crosswalks or other means for riders to cross four way stops at access roads when accessing bus stop locations.

GO bg transit is growing and will begin utilizing forty foot low floor full size transit buses on routes this year. The accessibility to Scottsville Road will become an even greater issue when these buses are in service. Ideally these buses will be on Scottsville Road with pull offs, sidewalk access for riders and bus pads for deploying lifts and ramps to permit access for Americans with Disabilities riders.

Improved access to Scottsville Road for providing public transit is a real need. The current design with gravel shoulders, no sidewalks, no bus pull offs, no landing pads for ADA access, elevation changes, storm water runoff, ditches, frontage roads, four way stops with no pedestrian amenities, and connecting driveways all combine to make this a nightmare for developing and serving bus stops in this area. Go bg transit completed a route realignment in February 2013 with a goal of having a two block distance between stops where possible. Scottsville Road is one area that this was not possible to accomplish.

GO bg transit works with Western Kentucky University Topper Transit and The Bowling Green-Warren County Metropolitan Planning Organization (MPO) to complete studies of transit needs in the city of Bowling Green. An Assessment of The Bowling Green Transit Systems study was completed in June 2011 by NEEL-SCHAFER in association with Bourne Transit stated the following:



“Bus stops in the central core area of Bowling Green are supported with an adequate sidewalk network. In the newer commercial and residential areas, bus stops are not supported by sidewalks, and some may be in locations where passengers are required to wait in the traveled portion of the highway or in a drainage way. This creates a hazardous situation for passengers, and is an impediment to developing a larger ridership base. The 2010 GO bg transit Study addressed the bus stop issue, and it would be prudent for the City to address the bus stop concerns. Currently there are 55.9 route miles in the GO bg transit system. Many of those miles have inadequate sidewalk support for the bus system. Improving the sidewalk network will enhance transportation choices in Bowling Green as well as providing improved access to the bus system.” (Page 21)

“Additional bus stop locations and signs will need to be installed to improve access to the bus service for all citizens. An enhanced bus service will require concrete bus stop pads at locations where there are high numbers of boarding passengers.” (Page 43)

Other past studies have addressed ADA accessibility and the need for more stops also. These studies are available on the Bowling Green MPO website ( [mpo.bradd.org](http://mpo.bradd.org) ), or can be obtained from GO bg transit.

The three common levels of bus stop ADA accessibility are:

- Accessible (Meets ADA requirements )
- Functional (Does not meet ADA requirements but suffices) and
- Inaccessible (Does not meet ADA requirements and does not suffice for loading an ADA rider either ambulatory with cane, walker or other assist, or wheelchair).

Any proposed stops on Scottsville Road proper at this time are Inaccessible due to the gravel shoulder, lack of sidewalks and ADA pads. All possible efforts have been made by GO bg transit to provide the optimal level of public transit access to this area with the current conditions. Stops are located at Greenwood Mall entrance, K mart parking lot, and the access road at multiple locations.

**Comments on the Alternatives proposed are as follows:**

**NO BUILD: EXISTING SCOTTSVILLE RD NORMAL SECTION**

- Maintain existing stops and continue evaluating access for all riders Realign in the future to best meet needs of riders as area continues to develop.

**Alternative 1: WIDEN SCOTTSVILLE RD TO SIX LANES AND ADD SIDEWALKS**

- How would pedestrians on the sidewalks as proposed access a bus stopped on the paved shoulder? With the lower elevation of the access road to Scottsville Road at some locations this would require a considerable length of ramped sidewalk to obtain access (Snow and Ice removal?).
- Would bus pull offs with pads be included? Would they be beyond the paved shoulder giving a safety margin between the bus and moving traffic? Where (Near side, far side, or mid block)? How Many?
- Would signage alerting traffic to bus stops and restricting them to “bus only” be provided?

- The sidewalks proposed with this alternative would be on the left side of the bus if the bus was traveling the access road in the direction of traffic. Riders get on the bus from the right side of the bus so crosswalks and bus pads on the right side would be needed to provide service to the access road if this is the proposed access instead of on Scottsville Road proper.

#### Alternative 3A: URBAN SIX LANE TYPICAL SECTION WITH 30 FT RAISED MEDIAN AND SIDEWALKS

- Would bus pull offs with pads be included? Would they be beyond the paved lane giving a safety margin between the bus and moving traffic? Where (Near side, far side, or mid block)? How Many?
- Would signage alerting traffic to bus stops and restricting them to “bus only” be provided?
- Bus stops need to be before or after traffic quay area to permit bus to return to lane without being stranded in pull off by traffic.

#### Alternative 3B: RURAL SIX LANE TYPICAL SECTION WITH 30 FT RAISED MEDIAN AND SIDEWALKS

- How would pedestrians on the sidewalks as proposed access a bus stopped on the graded shoulder? With the lower elevation of the access road at some locations to Scottsville Road this would require a considerable length of ramped sidewalk to obtain access (Snow and Ice Removal?). The grass ditch (Storm Water Runoff Retention) area would not be crossable by ADA riders to access a bus on Scottsville Road.
- Would bus pull offs with pads be included? Would they be beyond the graded shoulder giving a safety margin between the bus and moving traffic? Where (Near side, far side, or mid block)? How Many?
- Would signage alerting traffic to bus stops and restricting them to “bus only” be provided?
- The sidewalks proposed with this alternative would be on the left side of the bus if the bus was traveling the access road in the direction of traffic. Riders get on the bus from the right side of the bus so crosswalks and bus pads on the right side would be needed to provide service to the access road. Would these be mid block, near side, or far side?

#### General Comments on other proposed changes:

- Removal of Kroger Signal will require existing Route #3 (Green Route) to be realigned.
- Converting and enforcing right turn only at intersections without signals will enhance timing on transit by removing the delay of a bus waiting for a vehicle turning left.
- Addressing clearance between utility poles, ditches and turn lanes for larger vehicles will improve access for full size buses.
- Longer turn lanes will enhance through flow at major intersections improving bus travel times.
- One recommendation from a previous study was the development of longer right turn lanes with the bus stop at the beginning of the right turn lane.
- Pedestrian crossing at the four way stops on the access road needs to be addressed as part of this study (Crosswalks, or moving the pedestrian crossing to mid block).
- Pedestrian crossings should permit easy access to bus stops (Pedestrian does not have to travel a long distance down access road, and then back on Scottsville Road to access bus stop).

- Will bicycles be allowed on sidewalks (shared use path) or is bicycle access being addressed as a bike path on Scottsville Road, or Access Road? (All transit buses on fixed routes have bike racks).
- Are plans for alternate bus stops to current stops being developed for the time period construction is going on? Are these sites ADA accessible?
- Are illumination of proposed bus stops and sidewalks being addressed?
- Maps depict study area ending at Scottsville Road and I65 beyond the southbound exit ramp (MP9.06). Will the sidewalk dead end at this point, or is there any inclusion for pedestrian crossing of I65 on Scottsville Road (Current riders walk this path to work daily)?

Thank you for the opportunity to provide comments to this much needed project. All public transit trips start and end as a pedestrian, bike rider, wheelchair or scooter rider. Including amenities for Pedestrian, Bicycle, and Bus will greatly improve the level and volume of service we are able to provide to the Scottsville Road Corridor.

Sincerely,

Ken Merideth, Public Transit Coordinator  
GO bg transit